FEB 2 1 1986

1494-D-1

HE 20.7112/5:983-84/v.2

COMPLETED
1072

ORIGINAL

Registry of Toxic Effects of Chemical Substances

1983-84 Cumulative Supplement
to the
1981-82 Edition

NIOSH

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
PUBLIC HEALTH SERVICE
CENTERS FOR DISEASE CONTROL
NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH

HOW TO USE THIS REGISTRY

1. The Registry of Toxic Effects of Chemical Substances (RTECS) is a compendium of toxicity data extracted from the scientific literature. All data listed in the Registry are referenced to the sources in which the data appeared. The Registry has not evaluated the data; inclusion herein does not mean endorsement of the reference. Evaluation of the cited references is the responsibliity of the reader.

2. An explanation of changes in the 1983 Registry appears in the Preface (page iv).

3. To find the main entry for a substance:

   a. Look up the substance name alphabetically, ignoring prefixes and numerals.

   b. If the name sought is the Registry prime name, it is preceded by a nine-position alphanumeric RTECS accession number. The complete RTECS data record follows the prime name.

   c. If the name sought is a Registry synonym, it is followed by a "see" cross-reference to the applicable prime name accession number. Look up the indicated number.

4. The data record for each substance includes, where applicable and available:

   substance prime name and synonyms
   date when data record was last changed
   CAS number, molecular weight, molecular formula
   irritation data and references
   mutation data and references*
   reproductive effects data and references*
   tumorigenic data and references*
   toxicity data and references
   IARC and ACGIH reviews
   OSHA, EPA, and DOT standards and regulations
   NTP carcinogenesis bioassay status
   NIOSH criteria document and current intelligence bulletin citations
   NIOSH analytical methods
   EPA TSCA status
   EPA Gene-Tox Program registry agents

*Inclusion of mutation, reproductive effects, or tumorigenic data does not automatically mean that the substance has these effects in humans. See the Introduction for a complete explanation.

An example of a typical RTECS data record appears in Figure 1. An explanation of each data field appears in the Detailed File Description.

5. A complete CAS Number—RTECS Accession Number Index, in numerical order by CAS number, begins on page 1 of Volume I. Those numbers designating substances that appear in this edition (1983-84 Cumulative Supplement) are marked with an asterisk (*).

6. A complete list of all RTECS bibliographic references alphabetized by CODEN appears at the end of volume 2.

BEST COPY AVAILABLE

REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES

1983-84 SUPPLEMENT

VOLUME II
H-Z

Edited by
Richard L. Lewis, Sr.
Doris V. Sweet

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Centers for Disease Control
National Institute for Occupational Safety and Health
Cincinnati, Ohio 45226

November, 1985

For sale by the Superintendent of Documents, U.S. Government
Printing Office, Washington, D.C. 20402

I

Prepared for
the National Institute for Occupational
Safety and Health

under

Contract Number 200-84-2768

by

Advanced Engineering & Planning Corp., Inc.
Rockville, Maryland 20852

DHHS (NIOSH) Publication No. 86-103

II

CONTENTS

VOLUME II

REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES 1983-84 CUMULATIVE SUPPLEMENT 985

Substance Names beginning with H through Z
Accession Numbers MG1577400 through ZI2515100

RTECS BIBLIOGRAPHIC REFERENCES 1945

APPENDIXES 1999
- I. NIOSH Recommendations for Occupational Health Standards 2001
- II. NIOSH Sampling and Analytical Methods 2021
- III. Health Hazard Evaluations 2037
- IV. RTECS Computer Tape 2047
- V. RTECS On-Line Data Base 2048
- VI. RTECS Microfiche 2050

Registry of Toxic Effects of Chemical Substances

IV

GUSERVIN see: WG9800000
GUSTAFSON CAPTAN 30-DD see: GW5075000
GUTHION see: TE1925000
GUTHION (DOT) see: TE1925000
GUTHION (ETHYL) see: TD8400000
GUTTAGENA see: KV0350000
GUTTALAX see: SM8720000
GUTTALAX see: SM8739000

MG1577400 GUTTA PERCHA, solution (DOT)
UPDT:8312
SYN: UN 1205 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

MG1578700 alpha-2-GUTTIFERIN
UPDT:8308 CAS: 11048-92-3 MW: 562.71 MOLFM: C33-H38-O8
SYN: alpha-GUTTIFERIN (9CI) * A''2-GUTTIFERIN * Y-GUTTIFERIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg 85GDA2 8(1),331,82
* scu-mus LD50:400 mg/kg 85GDA2 8(1),331,82
* ivn-mus LD50:100 mg/kg 85GDA2 8(1),331,82

alpha-GUTTIFERIN (9CI) see: MG1578700
beta-GUTTIFERIN see: PB9268200
B''-GUTTIFERIN see: PB9268200
A''2-GUTTIFERIN see: MG1578700
Y-GUTTIFERIN see: MG1578700

MG1578800 GV-523
DEF:POLYETHYLENE GLYCOL-treated HUMAN IMMUNOGLOBULIN (OYYAA2 26,887,83)
UPDT:8412
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T47T73 ivn-rat TDLo:2625 mg/kg (14D pre/1-7D preg) OYYAA2 27,63,84
1T71 ivn-rat TDLo:1500 mg/kg (17-22D preg) OYYAA2 27,199,84
1T85 ivn-rat TDLo:6750 mg/kg (17-22D preg/21D post) OYYAA2 27,199,84
TOXICITY DATA AND REFERENCES:
1H17 ivn-rat LD50:6 gm/kg OYYAA2 26,887,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

G1V GARD DXN see: AH1350000
GY-BON see: XY4025000
GYKI 43023 see: UR8520000

MG1589000 GYMNEMA MONTANUM Hk. f., extract excluding roots
DEF:Indian plant belonging to the family ASCLEPIADACEAE (IJEBA6 12,512,74)
UPDT:8305
SYN: BELKI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 12,512,74

MG1589400 GYMNEMA SYLVESTRE R.Br., extract excluding roots
DEF:Indian plant belonging to the family ASCLEPIADACEAE (IJEBA6 9,91,71)
UPDT:8305
SYN: BERKEE EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 9,91,71

MG1589600 GYMNEMIC ACID A1
UPDT:8308 CAS: 11035-38-4 MW: 919.23 MOLFM: C49-H74-O16
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg 85GDA2 8(2),251,82

MG1593000 GYMNOSPORIA FALCONERI Laws, extract excluding roots
DEF:Indian plant belonging to the family CELESTRACEAE (IJEBA6 9,91,71)
UPDT:8305
SYN: KANAI EXTRACT
TOXICITY DATA AND REFERENCES:
3H30J30U26 ipr-mus LD50:750 mg/kg IJEBA6 9,91,71

MG1593500 GYMNOSPORIA SPINOSA (Forsk.) Fiori, extract excluding roots
DEF:Indian plant belonging to the family CELASTRACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: KAKERA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

MG1594000 GYMNOSPORIA WALLICHIANA Laws., extract excluding roots
DEF:Indian plant belonging to the family CELASTRACEAE (IJEBA6 12,512,74)
UPDT:8305
TOXICITY DATA AND REFERENCES:
2M10V30 ipr-mus LD50:250 mg/kg IJEBA6 12,512,74

GYNAESAN see: KG8225000
GYNAFLEX see: YT4980000
GYN-ANOVLAR see: RC8990000
GYNCRO-MATE see: TU5024000
GYNECORMONE see: KG4050000
GYNEFOLLIN see: SL0580000
GYNE-LOTRIMIN see: NI4377000
GYNE-MERFEN see: OW8575000
GYNERGEN see: KE8225000
GYNERGON see: KG2975000
GYNESINE see: YF6825000
GYNESTREL see: KG2975000
GYNFORMONE see: KG4050000
GYNOCHROME see: LM5250000
GYNOESTRYL see: KG2975000
GYNOFON see: XJ1570000
GYNOKHELLAN see: LV1050000
GYNOLETT see: WJ5775000
GYNONLAR 21 see: RC8990000
GYNO-PEVARYL see: NI4450000
GYNOPHARM see: WJ5600000
GYNOPLIX see: CF8400000
GYNOREST see: TU3671000
GYNOVLAR see: RC9030000

MG2270000 GYNURA NEPALENSIS DC., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

GY-PHENE see: XW5250000
GYPSINE see: CG0980000

MG2283070 GYPSOPHILA CERASTIOIDES D. Don, extract
DEF:Indian plant belonging to the family CARYOPHYLLACEAE (IJEBA6 11,43,73)
UPDT:8305
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:12500 ug/kg IJEBA6 11,43,73

GYPSUM see: EW4150000
GYPSUM STONE see: EW4150000

MG2388500 GYROCARPUS AMERICANUS Jacq., stem bark extract
DEF:Indian plant belonging to the family HERNANDIACEAE (IJEBA6 11,43,73)
UPDT:8305
SYN: TEPPAN STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:185 mg/kg IJEBA6 11,43,73

GYROMITRIN see: LQ8500000
GYRON see: KJ3325000
H see: PC0700000
H see: WQ0900000
'H' see: QC8050000
H-28 see: FB5250000

MG2615000 H-30
DEF:Synthetic hydrocarbon (NTIS** LMF-84)
UPDT:8305
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/1H MLD NTIS** LMF-84

H-33 see: UA8400000
H-34 see: PC0700000
H 46 see: BD0940000
H-82 see: YQ9275000
H-88 see: VA1411200
H 95 see: YS6475000
H 133 see: DI3500000
H-170 see: DM3950000
H 216 see: UY1329400
H-230 see: HA6270000
H241 see: RC9050000
H-282 see: YE0635000
H 321 see: FC5775000
H-365 see: UH1925000
454H see: WL6475000
H-490 see: WN2800000
H 520 see: ZG0350000
H 561 see: TN0404800
H 610 see: RB6825000
H-899 see: SA3676000
H 940 see: WN2800000
H 95-1 see: YS6475000
H 990 see: SK1225000
H-1010 see: SG7887200
H-1065 see: SG8122000
H-1067 see: YE0612000
H-1075 see: UX9771200
H-1101 see: KQ7800000
H-1270 see: SG7887400
H-1274 see: SG7887600
H-1278 see: YE2113490
H-1285 see: SL0551500
H-1286 see: YE2113510
H-1291 see: UX9771300
H 1313 see: DI3500000
H-1378 see: YE2113530
H-1379 see: YE0630000
H-1438 see: YE0614000
H 1803 see: XY5250000
2903 H see: AE1140000
H 3104 see: RQ2975000
H 3292 see: UR8432000
H 3452 see: GO7550000
40H62 see: TF3750000
H4 099 see: AC3325000
H-4723 see: DE9600000
H 56/28 see: UA5425000
H 56/28 see: UA5350000
H 5727 see: FB7875000
H 8717 see: FC7350000
H 8757 see: FB7875000
H 93/26 see: UB7875400
96H60 see: GN5250000
H 9699 see: FC7525000
cis-H 102/09 see: UC6555000
H 133/22 see: SL5090000
H 22234 see: MB9200000
HA see: GM8960000
HA-1200 see: TC5075000
7OH-2AAF see: AC3350070
HAAS see: AL1750000
HACHI-SUGAR see: GV7350000

MG4254000 HACKELIA GLOCHIDIATA (A. DC.) Brand., extract
DEF:Indian plant belonging to the family BORAGINACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:125 mg/kg IJEBA6 18,594,80

cis-HAD see: TP2200000
HADACIDIN see: MC0550000
HADACIDINE see: MC0550000
HADACIN see: MC0550000
HADRUROIDES LUNATUS VENOM see: YX4183630
HAEMATITE see: MH7600000

MG4358000 HAEMATOCARPUS THOMSONII Miers, extract excluding roots
DEF:Indian plant belonging to the family MENISPERMACEAE (IJEBA6 9,91,71)
UPDT:8305
SYN: TILEKORA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

HAEMOFORT see: NO8510000
HAEMOPHILUS INFLUENZAE ENDOTOXIN, phenol water extract see: JZ2674400
HAEMOPHILUS INFLUENZAE ENDOTOXIN, NaCl-citrate extract see: JZ2674000
HAEMOSTASIN see: DO2625000
HAEMOSTATIN see: DO2625000
HAFFKININE see: AR7700000

MG4600000 HAFNIUM
UPDT:8408 CAS: 7440-58-6 MW: 178.49 MOLFM: Hf
SYN: HAFNIUM METAL, DRY (DOT) * HAFNIUM METAL, wet (DOT) * UN 1326 (DOT) * UN 2545 (DOT)
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:76 mg/kg DTLVS* 4,207,80

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IHFMAU -,-,54
★ TLV-TWA 500 ug/m3; STEL 1500 ug/m3 DTLVS* 4,207,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug/m3 (SCP-X) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID, dry CFRGBR 49,172.101,82
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID, wet CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE, dry CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 S194#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

MG4650000 HAFNIUM CHLORIDE
UPDT:8408 MW: 320.29 MOLFM: Cl4-Hf
SYN: HAFNIUM TETRACHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2362 mg/kg 85GMAT -,71,82
ipr-mus LD50:135 mg/kg EQSSDX 1,1,75

MG4800000 HAFNIUM CHLORIDE OXIDE OCTAHYDRATE
UPDT:8401 CAS: 14456-34-9 MW: 409.55 MOLFM: Cl2-Hf-O 8H2-O
SYN: HAFNIUM OXYCHLORIDE OCTAHYDRATE
TUMORIGENIC DATA AND REFERENCES:
3V03D45Q60 idr-mus TDLo:800 ug/kg CNREA8 33,287,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HAFNIUM METAL, DRY (DOT) see: MG4600000
HAFNIUM METAL, wet (DOT) see: MG4600000
HAFNIUM OXYCHLORIDE OCTAHYDRATE see: MG4800000
HAFNIUM TETRACHLORIDE see: MG4650000
HAIARI see: DJ2800000
HAIGA EXTRACT (Indian) see: MT1612000
HAIMASED see: XL2275000
HAIRY see: QC8050000
HAITIN see: WH8575000
HALARSOL see: SJ5775000
HALAZUCHROME B see: EK7902000
HALBMOND see: KR7000000
HALCIDERM see: TU5010200
HALCIMAT see: TU5010200 PREGN-4-ENE-3,20-DIONE, 21-CHLORO-9-FLUORO-11-beta,16-alpha,17-TRIHYDROXY-, cyclic 16,17-ACETAL with ACETONE
HALCINONIDE see: TU5010200
HALCION see: XZ5472500
HALCORT see: TU5010200 PREGN-4-ENE-3,20-DIONE, 21-CHLORO-9-FLUORO-11-beta,16-alpha,17-TRIHYDROXY-, cyclic 16,17-ACETAL with ACETONE
HALDIA ROOT EXTRACT (Indian) see: DR9820100
HALDI RHIZOME EXTRACT (Indian) see: GS3774070
HALDOL see: EU1575000
HALDRONE see: TU4025000
HALEO EXTRACT (Indian) see: GM5160000
HALF-CYSTEINE see: HA1600000
HALF-CYSTINE see: HA1600000
HALF MUSTARD GAS see: KK1750000
HALF-MYLERAN see: PB2100000
HALF SULFUR MUSTARD see: KK1750000
HALIDO see: UH9450000
HALIDOR see: UK9450000
HALITE see: VZ4725000

MG7010000 HALITOXIN
UPDT:8402
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 mg/kg 85GDA2 9,124,82

HALIZAN see: XF9900000
HALKAN see: DE2100000
HALLOO-WACH see: SI1750000

MG7062000 HALLOYSITE
UPDT:8303
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:200 mg/kg JJIND8 67,965,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HALLTEX see: AZ5820000
HAL-LUB-N see: WI4300000
HALOANISONE see: EU3640000
HALOCARBON 11 see: PB6125000
HALOCARBON 14 see: FG4920000
HALOCARBON 23 see: PB6900000
HALOCARBON 113 see: KJ4000000
HALOCARBON 114 see: KI1101000
HALOCARBON 115 see: KH7877500
HALOCARBON 152A see: KI1410000
HALOCARBON 1132A see: KW0560000
HALOCARBON C-138 see: GU1779500
HALOCARBON 13/UCON 13 see: PA6410000
HALOFANTRINE HYDROCHLORIDE see: SF7790000
HALOFANTRINO (Spanish) see: SF7790000
HALOFLEX 202 see: AT4680000
HALOFLEX 208 see: AT4680000
HALOG see: TU5010200
HALOL see: EU1575000

MG7140000 HALOMICIN
DEF:Produced by MICROMONOSPORA HALOPHYTICA sp. nov. NRRL 2998 and M. HALOPHYTICA var. nov. NIGRANRRL 3097 (85ERAY 1,274,78)
UPDT:8402
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1250 mg/kg AACHAX -,435,67
* scu-mus LD50:5650 mg/kg 85ERAY 1,274,78

HALOMYCETIN see: AB6825000
HALON see: PA8200000
HALON 14 see: FG4920000
HALON 1001 see: PA4900000
HALON 1011 see: PA5250000
HALON 1202 see: PA7525000
HALON 1211 see: PA5270000
HALON 1301 see: PA5425000
HALON 2001 see: KH6475000
HALON 2312 see: KH7600000
HALON 2402 see: KH9370300
HALON 10001 see: PA9450000
HALON G 80 see: KX4025000
HALON G 183 see: KX4025000
HALON G 700 see: KX4025000
HALONISON see: EU3640000
HALON TFEG 180 see: KX4025000
HALOPAL see: EU1575000
HALOPERIDOL see: EU1575000
HALOPOIDOL see: EU1575000
HALOPONT VIOLET NM see: GE4518000
HALOPROGIN see: KO1225000
HALOSTEN see: EU1575000
HALOTAN see: KH6550000
HALOTESTIN see: BV8390000
HALOTEX see: KO1225000
HALOTHANE see: KH6550000
HALOWAX see: QK3700000
HALOWAX 1013 see: QK0300000
HALOWAX 1014 see: QJ7350000
HALOXAZOLAM see: RQ5831500
HALOXON see: GN5250000
HALSAN see: KH6550000
HALSO 99 see: XS9000000
HALTS see: CP2975000
HALUVA EXTRACT (Indian) see: NK0998000
HALVIC 223 see: KV0350000
HALVIC 229 see: KV0350000

MG8325000 HAMAMELIS
UPDT:8412 CAS: 68916-39-2
SYN: NCI-C50544 * SNAPPING HAZEL * SPOTTED ALDER * STRIPED ALDER * TOBACCO WOOD * WINTER BLOOM * WITCH HAZEL
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:2920 mg/kg/73W-I JNCIAM 60,683,78
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HAMIDOP see: TB4970000
HAMILTON RED see: DB5500000
HAMP-ENE 100 see: AH5075000
HAMP-ENE 215 see: AH5075000
HAMP-ENE 220 see: AH5075000
HAMP-ENE Na4 see: AH5075000
HAMP-EX 80 see: MB8222500
HAMP-EX ACID see: MB8205000
HAMP-OL ACID see: MB9185000
HAMPSHIRE see: AI2975000
HAMPSHIRE GLYCINE see: MB7600000
HAMPSHIRE NTA see: MB8400000
HAMPSHIRE NTA ACID see: AJ0175000

MG8398500 HAMYCIN
UPDT:8408 CAS: 1403-71-0
SYN: PRIMAMYCIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1200 mg/kg 85GDA2 2,258,80
* ipr-mus LD50:8200 ug/kg AACHAX -,737,64
* ivn-mus LD50:1120 ug/kg 85GDA2 2,258,80
* ivn-dog LDLo:2780 ug/kg IJMRAQ 51,453,63

HANA see: QL8200000
HANANE see: TD4025000
HANCOCK YELLOW 10010 see: AK4580000
HANQ see: QJ5776500
HANSA BRILLANT YELLOW 5GX see: EJ3645000
HANSACOR see: QS4375000
HANSAMID see: QS3675000
HANSA ORANGE RN see: QL3854000
HANSA RED B see: QK4247000
HANSA RED G see: QK4247000
HANSA SCARLET RB see: QK4247000
HANSA SCARLET RN see: QK4247000
HANSA SCARLET RNC see: QK4247000
HANSOLAR see: AE7175000
HAP see: AU6300000

MG8505000 HAPLANTHUS VERTICILLATUS (Roxb.) Nees, extract
DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: KASTULA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 7,250,69

HAPLOPAN see: CQ6825000
HAPLOS see: CQ6825000
HAPPY see: VC8260000
HAPPY DUST see: YM2800000
HAPTOCIL see: DA9625000
HAQ see: CB5748000
4HAQO see: VB9800000
HARACHAMPA, leaf extract (Indian) see: CI4076000 ARTOBOTRYS ODORATISSIMUS Linn., leafextract
HARANCHARO EXTRACT (Indian) see: OH0315370

MG8700000 HARDWICKIA BINATA Roxb., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 9,91,71)
UPDT:8305
SYN: PARSIDH EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 9,91,71

HARMALINE see: UU9800000
HARMALOL METHYL ETHER see: UU9800000
HARMAN see: UV0280000
HARMANE see: UV0280000
HARMANE HYDROCHLORIDE see: UV0318000
HARMAN HYDROCHLORIDE see: UV0318000
HARMAR see: EL3000000
HARMIDINE see: UU9800000
HARMINE, DIHYDRO- see: UU9800000

MG9450000 HARMINE, HYDROCHLORIDE
UPDT:8311 CAS: 343-27-1 MW: 248.73 MOLFM: C13-H12-N2-O Cl-H
SYN: 7-METHOXY-1-METHYL-9H-PYRIDO(3,4-b)INDOLE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:38 mg/kg JPETAB 79,127,43

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
HARMONIN see: TZ0175000
HARMONYL see: ZG0875000
HARRY see: QC8050000

MG9930000 HARTMANNIA ROSEA G. Don., extract
DEF:Indian plant belonging to the family ONAGRACEAE (IJEBA6 11,43,73)
UPDT:8305
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 11,43,73
HARTOL see: TZ0175000
HARVAMINE see: UT0875000
HARVATRATE see: CK2800000
HARVEN see: UP8225000
HARVEST-AID see: FO0525000
HARVESTER ANT VENOM see: YX4179000
HAS (German) see: WI0410000
HASACH see: EX6300000
HASETHROL see: RZ2620000
HASHISH see: EX6300000
HASTELLOY C see: GF9180000
HASTINGS CARMINE 2G see: QJ6030000
HATCOL DOP see: TI0350000
HATHI-CHOKA EXTRACT (Indian) see: GZ8306000
HATHISURA EXTRACT (Indian) see: MH6390000
H. ATRA TOXIN see: XW5880000
HAURYMELLIN see: DU1800000 BIGUANIDE, 1,1-DIMETHYL-, HYDROCHLORIDE
HAVERO-EXTRA see: KJ3325000
HAVIDOTE see: AH4025000
HAVOC see: GN4934750
HAY ABSOLUTE see: LP4365000

MH0405000 HAYATININIUM, N,N'-DIMETHYL-, DICHLORIDE
UPDT:8306 CAS: 29900-15-0 MW: 709.77 MOLFM: C39-H46-N2-O6 .2Cl
SYN: N,N'-DIMETHYLHAYATININIUM DICHLORIDE * HAYATININ METHOCHLORIDE * TUBOCURARANIUM, 7'-HYDROXY-6,6',12'-TRIMETHOXY-2,2,2',2'-TETRAMETHYL-, DICHLORIDE, (1'-alpha)-
TOXICITY DATA AND REFERENCES:
3C08F13J22 ipr-mus LD50:1355 mg/kg JJPAAZ 20,246,70
HAYATININ METHOCHLORIDE see: MH0405000
HAYNES 25 see: GF9180000
HAYNES ALLOY NUMBER 25 see: GF9180000
HAYNES STELLITE 21 see: GF9180000
HAYNON see: US6379500
HAZODRIN see: TC4375000
HB see: BQ8575000
HB(sub 17) see: GM9002000
H.17B see: GM9002000
HB 419 see: YS4725200
m-HBA see: DH1924980
HBB see: DV5330000
HBBN see: EL1225000
HBC see: CM6766000
HBF 386 see: AU1400000
HBP see: GM9003000
HC see: GM8925000
HC-3 see: QF2450000
HC-064 see: AJ1075000
75 HC see: TN6157100
76 HC see: TN6157400
93 HC see: TM3404000
102 HC see: TM3395070
107 HC see: TM2991700
116 HC see: TM3393700
118 HC see: BS3859460
163 HC see: BS3859700
164 HC see: BS3859250
165 HC see: BS3859660
166 HC see: BS3859500
167 HC see: BS3859430
168 HC see: BS3859630
169 HC see: BS3859400
170 HC see: BS3859740
177 HC see: BS3859550
178 HC see: BS3859200
191 HC see: BS3859350
192 HC see: BS3859300
195 HC see: BS3859720
291 HC see: BS3859600
292 HC see: BS3859820
293 HC see: QF2872000
294 HC see: QF3212000
295 HC see: QF3451400
296 HC see: QF3451200
312 HC see: BP8085500
313 HC see: BS3859780
314 HC see: BS3859800
323 HC see: BS3859840
324 HC see: BS3859760
334 HC see: TN6157600
336 HC see: TN6157500
338 HC see: TN6157300
339 HC see: TN6157200
340 HC see: BS3859150
341 HC see: BS3859880
342 HC see: BS3859730
343 HC see: BS3859100
377 HC see: BS3859420
500 HC see: BQ4365400
501 HC see: BQ4356000
502 HC see: BQ4355000
503 HC see: BQ4365200
504 HC see: TN5187100
505 HC see: TN5187000
506 HC see: QF3187000
507 HC see: QF3186000
512 HC see: BQ4365300
513 HC see: BQ4351000
514 HC see: BQ4365100
515 HC see: BQ4365000
516 HC see: BQ4353000
517 HC see: BQ4352000
518 HC see: BQ4350000
600 HC see: GA4368000
601 HC see: GA4790000
602 HC see: GA4730000
603 HC see: GA5283000
604 HC see: GA5280000
605 HC see: GA4868000
606 HC see: GA4763000
607 HC see: GA4760000
610 HC see: GA4680000
621 HC see: GA4735000
622 HC see: GA5120000
623 HC see: GA5077000
631 HC see: GA4363000
640 HC see: GA4860000
642 HC see: GA5255000
644 HC see: GA4210000
648 HC see: GA5200000
700 HC see: BP8054300
701 HC see: BP8054350
702 HC see: QF2866500
703 HC see: QF2867000
704 HC see: TN4912000
705 HC see: QF2865500
706 HC see: QF2865000
707 HC see: QF2866000
HC 825 see: KV0350000
HC 1281 see: DH7700000
1310 HC see: BR1208500
1312 HC see: BR1215500
1313 HC see: BR1209000
1314 HC see: BO6593000
1315 HC see: BR1215600
1316 HC see: BR1212000
1317 HC see: BR1209800
1318 HC see: BO6593500
1319 HC see: BR1214800
1320 HC see: BR1214000
1324 HC see: BR1215100
1325 HC see: BR1209300
1326 HC see: BR1209900
1345 HC see: EY9955000
1346 HC see: EZ3823000
1347 HC see: FC9440000
1348 HC see: FA6222000
1349 HC see: GU7174200
1350 HC see: EZ4215400
1351 HC see: FD8757700
1352 HC see: FA4375000
1353 HC see: FD0417000
1354 HC see: FA4366000
HC 1505 see: TY7100000
HC 1508 see: RQ6884000
HC 1510 see: TY4226010
HC 1511 see: TY4225000
HC 1514 see: TY4398510
1519 H.C. see: TY3336500
HC 1522 see: RQ6880000
HC 1531 see: TY4225200
HC 1532 see: TY4225600
HC 1533 see: TY4225800
HC 1537 see: TY4226000
HC 1538 see: TY4226020
HC 1651 see: TZ0622010
HC 1652 see: TZ0622020
HC 1653 see: TZ0622000
HC 1654 see: TY4399010
HC 1655 see: TY4399020
HC 1656 see: TY8762000
HC 1657 see: TY8900000
HC 1658 see: TZ0577000
HC 2072 see: TC2275000
HC 7900 see: TG3850000
7900-HC see: TG3850000
HC7901 see: TG3880000
8056HC see: TG0175000
8057HC see: TG0350000
8203 HC see: FZ9890000
HC 8203 see: FZ9890000
HCA see: UC2100000
HCA see: GM8960000
HCB see: DA2975000
HCBD see: EJ0700000
HC BLUE 1 see: SS8500000
HC BLUE NO. 2 see: KL2880000
alpha-HCC see: FZ4650000
HCCH see: GV3150000
HCCH see: GV4900000
HCCPD see: GY1225000
HCDD see: HP3200000
HCE see: PB9450000
HCFU see: UV7714000
HCG see: MD6953000
HCH see: GV4900000
HCH see: GV3150000
alpha-HCH see: GV3500000
beta-HCH see: GV4375000
gamma-HCH see: GV4900000
HCN see: MW6825000
HCP see: UC0175000
HCP see: SM0700000
HC RED NO. 3 see: KJ6500000
HCl SALZ des p-AMINO-SALICYLSAEURE-DIAETHYLAMINOAETHYLESTER (German) see: VO1602000
HCl SALZ des p-AMINO-SALICYLSAEURE-DIMETHYLAMINOAETHYL-ESTER (German) see: VO1620000
HCl SALZ des p-N-n-BUTYLAMINOSALICYLSAEUREDIAETHYLAMINOAETHYLESTER (German) see: VO1925000
HCS 3260 see: PB9800000

HCT see: XO1600000
HCTZ see: DK9100000
H. CYANOCINCTUS VENOM see: YX4184940
HC YELLOW NO.4 see: SJ7787000
HCZ see: DK9100000
HD see: WQ0900000
HD 419 see: YS4725200
HD AMARANTH B see: QJ6550000
HD AMARANTH SUPRA see: QJ6550000
HD CARMOISINE see: QK1925000
HD CARMOISINE SUPRA see: QK1925000
HDEHP see: TB7875000
H.D. EUTANOL see: RG4120000
HD INDIGO CARMINE see: DU3000000
HD INDIGO CARMINE SUPRA see: DU3000000
HDMTX see: MA1225000
HDO see: MO2100000
HD OLEYL ALCOHOL 70/75 see: RG4120000
HD OLEYL ALCOHOL 80/85 see: RG4120000
HD OLEYL ALCOHOL 90/95 see: RG4120000
HD OLEYL ALCOHOL CG see: RG4120000
HD PONCEAU 4R see: QJ6530000
HD PONCEAU 4R SUPRA see: QJ6530000
HD SUNSET YELLOW FCF see: QK2450000
HD SUNSET YELLOW FCF SUPRA see: QK2450000
HD TARTRAZINE see: UQ6400000
HD TARTRAZINE SUPRA see: UQ6400000
HDU see: CM6766000
HE 111 see: TU4060000
HEARTS see: SI1400000
HEARTS see: SI1750000
HEAT PRE see: BX9350000
HEAVENLY BLUE see: KE4100000
HEAVY OIL see: GF8615000
HEAVY WATER see: ZC0230000
HEAVY WATER-d2 see: ZC0230000
HEAZLEWOODITE see: QR9800000
HEBANIL see: SO1750000
HEBARAL see: CQ4900000
HEB-CORT see: GM8925000
HEBIN see: LP6330000
HEBUCOL see: GU6555200

MH4080000 HECKERIA SUBPELTATA Kunth, extract excluding roots
DEF:Indian plant belonging to the family PIPERACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

HECLOTOX see: GV4900000
HECNU see: YS4986000
HECNU-MS see: YS4986100
HECTOGRAPH VIOLET SR see: BO9000000
HECTO VIOLET R see: BO9000000
HEDAPUR M 52 see: AG1575000
HEDAREX M see: AG1575000

MH4388000 HEDERA COLCHICA Koch, extract
DEF:Indian plant belonging to the family ARALIACEAE (IJEBA6 9,91,71)
UPDT:8305
SYN: KIRAYA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg IJEBA6 9,91,71

MH4393000 HEDERA NEPALENSIS Koch., extract
DEF:Indian plant belonging to the family ARALIACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: BANDA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

HEDEX see: AE4200000
HED-HEPARIN see: MI0700000
HEDOLIT see: GO9625000
HEDOLITE see: GO9625000
HEDONAL see: AG6825000
HEDONAL see: UF1050000
HEDONAL DP see: UF1050000
HEDONAL M see: AG1575000
HEDONAL MCPP see: UE9750000
HEDONAL MCPP see: UF0250000
HEDONAL (THE HERBICIDE) see: AG6825000
HEDTA see: MB9185000
HEDULIN see: NK6125000

MH5300000 HEDYOTIS AURICULARIA Linn., extract
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 7,250,[illegible]
UPDT:8305
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 7,250,59

MH5310000 HEDYOTIS CAPITELLATA, leaf and/or stem extract
UPDT:8311
TOXICITY DATA AND REFERENCES:
1K12 ipr-mus LD50:500 mg/kg CPBTAL 13,882,65

HEDYOTIS CORYMBOSA Lam., extract see: RJ8676000

MH5320000 HEDYOTIS HERBACEA Linn., extract
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 12,512,74)
UPDT:8305
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

HEDYSARID see: OP1927800
HEEDTA see: MB9185000
HE-HK-52 see: UY4347600
HEKSAN (Polish) see: MN9275000
HEKSOGEN (Polish) see: XY9450000
HEKTALIN see: DO2625000
HELANTHRENE YELLOW see: HO7030000
HELENALIN see: BD9630000

MH5612600 HELENALIN DIMER
UPDT:8406
SYN: DIMERIC HELENALIN
MUTATION DATA AND REFERENCES:
dni-mus:ast 2143 umol/L JPMSAE 67,1235,78

HELEURINE HYDROCHLORIDE see: EK7879200
HELFERGIN see: AG0430000
HELFERGIN see: AG0440000 ACETIC ACID, (p-CHLOROPHENOXY)-, 2-DIMETHYLAMINOETHYL ESTER,HYDROCHLORIDE
HEL-FIRE see: SJ9800000
HELFO DOPA see: AY5600000
HELFOSERPIN see: ZG0350000
HELIANTHINE see: DB6327000
HELIANTHINE B see: DB6327000
HELICHRYSUM ABSOLUTE see: RJ3694000

MH5750000 HELICIA ERRATICA Hook. f., extract excluding roots
DEF:Indian plant belonging to the family PROTEACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

HELICOCERIN see: JR1670000
HELICON see: VO0700000
HELIC YELLOW GW see: AK4580000

MH5792000 HELINUS LANCEOLATUS Brand., extract excluding roots
DEF:Indian plant belonging to the family RHAMNACEAE (IJEBA6 11,43,73)
UPDT:8305
TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

HELIO FAST ORANGE RN see: QL3854000
HELIO FAST ORANGE 3RN see: QL3854000
HELIO FAST ORANGE RT see: QL3854000
HELIO FAST ORANGE 3RT see: QL3854000
HELIO FAST RED BN see: QK4247000
HELIO FAST RED RL see: QK4247000
HELIO FAST RED RN see: QK4247000
HELIOMYCIN see: DJ6350000
HELIONAL see: CQ6825000
HELION BROWN BRSL see: GL7375000
HELIOPAR see: VB2360000
HELIO RED RL see: QK4247000
HELIO RED TONER see: QK4247000
HELIO RED TONER LCLL see: DB5500000
HELIOSTABLE BRILLIANT PINK B EXTRA see: DH0175000
HELIOSUPINE HYDROCHLORIDE see: EM9252440 2-BUTENOIC ACID, 2-METHYL-, 7-((2,3-DIHYDROXY-2-(1HYDROXY-1-METHYLETHYL)-1-OXOBUTOXY) METHYL)-2,3,5,7a-TETRAHYDRO-1H-PYRROLIZIN-1-YL ESTER,HYDROCHLORIDE
HELIOTRIDINE, 3,8-DIDEHYDRO- see: UY8350000
HELIOTRIDINE ESTER with LASIOCARPUM and ANGELIC ACID see: OE7875000
HELIOTRIDINE HYDROCHLORIDE see: UY8407000
HELIOTRIDINE TRACHELANTHATE see: MH6155000

MH6125000 HELIOTRINE
UPDT:8406 CAS: 303-33-3 MW: 313.44 MOLFM: C16-H27-N-O5
SYN: HELIOTRON
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate MUREAV 68,211,79
cyt-dmg-par 500 umol/L ZEVBA5 94,115,63
sln-dmg-par 20 umol/L ZEVBA5 91,74,60
dlt-dmg-par 1 mmol/L MUREAV 8,139,69
mmo-asn 20 mmol/L/4H NATUAS 210,593,66
dni-hmn:lvr 25 mg/L IJEVAW 1,107,71
oms-hmn:lvr 10 mg/L IJEVAW 1,107,71
oms-rat-unk 150 ug/kg ANYAA9 163,837,69
cyt-mam:leu 50 umol/L AJBSAM 21,469,68
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ipr-rat TDLo:50 mg/kg (10D preg) BJEPA5 42,369,61
2T34T46 ipr-rat TDLo:100 mg/kg (9D preg) BJEPA5 42,369,61
1T48 ipr-rat TDLo:150 mg/kg (16D preg) BJEPA5 42,369,61
3T55T43T41 ipr-rat TDLo:200 mg/kg (12D preg) BJEPA5 42,369,61
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:460 mg/kg/6D-I CNREA8 35,2020,75
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:50 mg/kg NATUAS 179,361,57
ipr-rat LD50:300 mg/kg PAREAQ 22,429,70
ivn-rat LD50:274 mg/kg AMPLAO 64,152,57
unk-rat LD50:300 mg/kg CNREA8 28,2237,68
ipr-mus LD50:296 mg/kg JPBAA7 75 17,58
ivn-mus LD50:251 mg/kg AMPLAO 64,152,57
ipr-mam LDLo:250 mg/kg PAREAQ 22,429,70
unk-mam LDLo:260 mg/kg PAREAQ 22,429,70
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MH6155000 HELIOTRINE, O-DEMETHYL-, HYDROCHLORIDE
UPDT:8402 CAS: 26131-12-4 MW: 335.87 MOLFM: C15-H25-N-O5 Cl-H
SYN: O-DEMETHYLHELIOTRINE HYDROCHLORIDE * HELIOTRIDINE TRACHELANTHATE * RINDERINE
TOXICITY DATA AND REFERENCES:
3H30J16P01 ipr-rat LD50:550 mg/kg FRBGAT 9,142,68

HELIOTRINE HYDROCHLORIDE see: EK7879000
HELIOTRINE OXIDE HYDROCHLORIDE see: EK7879100
HELIOTRINE N-OXIDE HYDROCHLORIDE see: EK7879100
HELIOTRON see: MH6125000
HELIOTROPIN see: TO1575000
HELIOTROPIN ACETAL see: DF4911000
HELIOTROPINE see: TO1575000
HELIOTROPIUM ANGIOSPERMUM see: GG6005000

MH6390000 HELIOTROPIUM EICHWALDI Stued., extract
DEF:Indian plant belonging to the family BORAGINACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: HATHISURA EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 7,250,69

MH6420000 HELIOTROPIUM SUPINUM L.
DEF:Crude alkaloidal fraction (CNREA8 30,2127,70)
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:300 mg/kg CNREA8 30,2127,70
2V03M61 orl-rat TD :400 mg/kg JNCIAM 47,1037,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTRRDO 60,1171,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HELIOTROPIUM TERNATUM see: VN4800000
HELIOTROPYL ACETATE see: AI9050000
HELIOTROPYL ACETONE see: EL9130000
HELIOYELLOW GW see: AK4580000
HELIO YELLOW GWN see: AK4580000

MH6520000 HELIUM
UPDT:8308 CAS: 7440-59-7 MW: 4.00 MOLFM: He

SYN: HELIUM (DOT) * UN 1046 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS   CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
HELIUM (DOT) see: MH6520000
HELIUM, compressed (DOT) see: MH6550000
HELIUM, refrigerated liquid (DOT) see: MH6550000

MH6550000 HELIUM-OXYGEN (mixture)
UPDT:8312   CAS: 58933-55-4   MW: 36.00   MOLFM: He-O2
SYN: HELIUM-OXYGEN MIXTURE (DOT) * HELIUM, compressed (DOT) * HELIUM, refrigerated liquid (DOT) * NA 1980 (DOT) * UN 1963 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS   CFRGBR 49,172.101,82
HELIUM-OXYGEN MIXTURE (DOT) see: MH6550000
HELIXIN C see: QT6825000
HELLEBRIGENIN see: EI3175800
HELLEBRIGENIN GLUCORHAMNOSIDE see: EI2958000 5-beta-BUFA-20,22-DIENOLIDE, 3-beta-((6-DEOXY-4-O-beta-D-GLUCOPYRANOSYL-alpha-L- MANNOPYRANOSYL)OXY-5,14-DIHYDROXY-19-OXO-
HELLEBRIN see: EI2958000
HELLIPIDYL see: VO1225000
HELMATAC see: DD6495000
HELMERCO VIOLET MR see: GE4518000
HELMETINA see: SN5075000
HELMEZINE see: TL3485000

MH6790000 HELMINTHOSPORIUM sp., mycelium extract
DEF:A fungus isolated from turf (ANTCAO 12,310,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:
*   ipr-mus LD50:900 mg/kg   ANTCAO 12,310,62
HELMIRANE see: GN5250000
HELMIRON see: GN5250000
HELMIRONE see: GN5250000
HELOTHION see: TE4165000
HELOXY WC68 see: TX3760000
HELOXY WC68 mixed with XB 2793 see: MT9190600
HELVAGIT see: AM4375000

MH7440000 HELVETICOSIDE
UPDT:8311   CAS: 630-64-8   MW: 534.71   MOLFM: C29-H42-O9
SYN: ERIZIMIN * ERYSIMIN * ERYSIMOTOXIN
TOXICITY DATA AND REFERENCES:
*   ivn-rat LD50:54 mg/kg   AIPTAK 155,165,65
*   ipr-mus LD50:7800 ug/kg   AIPTAK 155,165,65
*   ivn-cat LDLo:50 ug/kg   AIPTAK 155,165,65
*   unk-cat LDLo:50 ug/kg   AIPTAK 148,471,64
HELVETICOSIDE DIHYDRATE see: HY6117000

MH7600000 HEMATITE
UPDT:8209   CAS: 1317-60-8   MW: 159.70   MOLFM: Fe2-O3
SYN: BLOOD STONE * HAEMATITE * IRON ORE * RED IRON ORE
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PEXTAR 12,102,69
★ CARCINOGENIC REVIEW:INDEFINITE   IARC** 1,29,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
HEMATITE mixed with BENZO(a)PYRENE (1:1) see: DJ6380200
HEMATITE mixed with 3,4-BENZOPYRENE (1:1) see: DJ6380200
HEMATOPORPHYRINMERCURY DISODIUM SALT see: OW2500000

MH7875000 HEMATOXYLIN
UPDT:8401   CAS: 517-28-2   MW: 302.30   MOLFM: C16-H14-O6
SYN: NCI-C55889
TUMORIGENIC DATA AND REFERENCES:
2V03P62   orl-rat TDLo:400 mg/kg/26W-C   GASTAB 23,1,53
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
HEMEL see: OS1050000

MH8090000 HEMEROCALLIS LILIO-ASPHODELUS (FLAVA) L., root extract
UPDT:8408
TOXICITY DATA AND REFERENCES:
*   orl-mus LD50:2857 mg/kg   JTEHD6 1,939,76
HEMICHOLINE see: QF2450000
HEMICHOLINIUM-3 see: QF2450000
HEMICHOLINIUM BROMIDE see: QF2450000
HEMICHOLINIUM-3 BROMIDE see: QF2450000
HEMICHOLINIUM DIBROMIDE see: QF2450000
HEMICHOLINIUM-3 DIBROMIDE see: QF2450000
HEMIMELLITENE see: DC3300000

MH8702000 HEMIPHRAGMA HETEROPHYLLUM Wall., extract
UPDT:8408
TOXICITY DATA AND REFERENCES:
1U26   ipr-mus LD50:750 mg/kg   IJEBA6 15,208,77
HEMIPYOCYANIN see: SG1647000
HEMIPYOCYANINE see: SG1647000
HEMISINE see: DO2625000
HEMITON see: NJ2490000
HEMO-B-DOZE see: GG3750000
HEMOCAPROL see: MO6300000
HEMODAL see: QL9100000
HEMODESIS see: TR8370000
HEMOFURAN see: LT7700000
HEMOMIN see: GG3750000
HEMOPAR see: MO6300000
HEMOSTASIN see: DO2625000
HEMOSTATIN see: DO2625000
HEMOSTYPTANON see: KG8225000
HEMOTON see: LT1950000
HEMOTROPE see: RO0685000
HEMPA see: TD0875000
HENDECANAL see: YQ1500000
HENDECANALDEHYDE see: YQ1500000
HENDECANE see: YQ1525000
HENDECANOIC ALCOHOL see: YQ3155000
1-HENDECANOL see: YQ3155000
2-HENDECANONE see: YQ2820000
HENDECENAL see: YQ1500000
HENDECENAL see: YQ2835000
10-HENDECENOIC see: YQ2975000
10-HENDECEN-1-YL ACETATE see: YQ2990000
HENDECYL ALCOHOL see: YQ3155000
n-HENDECYLENIC ALCOHOL see: YQ3155000
10-HENEDECENOIC ACID see: YQ2975000
HENKEL'S COMPOUND see: XZ1995000
HENNA see: QL8200000
HENNOLETTEN see: CQ6825000
HENU see: YT4915000
HEOD see: IO1750000
HEPACHOLINE see: KH2975000
HEPADIAL see: GD9001000
HEPAGON see: GG3750000
HEPALIDINE see: XJ5425500
HEPALIDINE see: XJ5425000
HEPAREGENE see: XJ5425500
HEPAREGENE see: XJ5425000

MI0700000 HEPARIN
UPDT:8403   CAS: 9005-49-6
SYN: DEPO-HEPARIN * HED-HEPARIN * HEPARINATE * HEPARIN SODIUM * HEPATHROM * LIPO-HEPIN * LIQUAEMIN * LIQUAEMIN SODIUM * LIQUEMIN * PULARIN * SODIUM HEPARIN * SUBLINGULA * THROMBOLIQUINE
MUTATION DATA AND REFERENCES:
dni-esc 1 mg/L   NNBYA7 232,143,71
dni-omi 14 mg/L   NNBYA7 232,143,71
dns-rat:lvr 20 ug   BBACAQ 479,391,77
dni-rat:lvr 40 ug   BBACAQ 479,391,77
dns-mus:oth 10 mg/L   JJIND8 71,615,83
dni-mus:oth 10 ug   BBACAQ 479,391,77
dnd-ham:ovr 200 mg/L   BBACAQ 517,486,78
TOXICITY DATA AND REFERENCES:
3FO8P01R03   scu-man TDLo:7 mg/kg/4D   JAMAAP 244,1831,80
*   orl-rat LD50:1950 mg/kg   GWXXBX #2636091
ipr-rat LDLo:420 mg/kg   TXAPA9 1,156,59
*   ivn-rat LD50:354 mg/kg   DEBIDR 12,535,81
ivn-mus LD50:1500 mg/kg   AJMSA9 216,234,48
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEMBAP 52,375,75; JPMSAE 62,517,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
HEPARINATE see: MI0700000
HEPARIN SODIUM see: MI0700000
HEPARLIPON see: JP1190000
HEPATHROM see: MI0700000
HEPAVIS see: GG3750000
HEPAXANTHIN see: VH6830000
HEPCOVITE see: GG3750000
HEPIN see: MO6300000
HEPORAL see: JP1292500
HEPT see: UX6825000
HEPTABARB see: CQ2450000
HEPTABARBITAL see: CQ2450000
HEPTABARBITONE see: CQ2450000
HEPTABARBUM see: CQ2450000
HEPTACAINE see: FB1440000
HEPTACHLOOR (Dutch) see: PC0700000
HEPTACHLOR (DOT) see: PC0700000
1,4,5,6,7,8,8-HEPTACHLOOR-3a,4,7,7a-TETRAHYDRO-4,7-endo-METHANO-INDEEN (Dutch) see: PC0700000
HEPTACHLOR see: PC0700000
HEPTACHLOR (technical grade) see: PC0750000
HEPTACHLORE (French) see: PC0700000
HEPTACHLOR EPOXIDE see: PB9450000
HEPTACHLORODIBENZO-p-DIOXIN see: HP3190000
1,2,3,4,6,7,8-HEPTACHLORODIBENZODIOXIN see: HP3190000
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-para-DIOXIN see: HP3190000
1,2,3,4,6,7,9-HEPTACHLORODIBENZODIOXIN see: HP3195000
1,2,3,4,6,7,9-HEPTACHLORODIBENZO-para-DIOXIN see: HP3195000
3,4,5,6,7,8,8-HEPTACHLORODICYCLOPENTADIENE see: PC0700000
3,4,5,6,7,8,8a-HEPTACHLORODICYCLOPENTADIENE see: PC0700000
1,4,5,6,7,8,8-HEPTACHLORO-2,3-EPOXY-2,3,3a,4,7,7a-HEXAHYDRO-4,7-METHANOINDENE see: PB9450000
1,4,5,6,7,8,8-HEPTACHLORO-2,3-EPOXY-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDAN see: PB9450000
1,4,5,6,7,8,8-HEPTACHLORO-3a,4,5,6,7,7a-HEXAHYDRO-4,7-METHANO-1H-INDENE see: PB9520000
2,3,4,5,6,7,7-HEPTACHLORO-1a,1b,5,5a,6,6a-HEXAHYDRO-2,5-METHANO-2H-INDENO(1,2-b)OXIRENE see: PB9450000
1,3,4,6,7,8,8-HEPTACHLOROHEXAHYDRO-4,7-METHANOISOBENZOFURAN-5(3H)-ONE see: PC1300000
1,4,5,6,7,8,8-HEPTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-ENDOMETHANOINDENE see: PC0700000
1,4,5,6,7,10,10-HEPTACHLORO-4,7,8,0-TETRAHYDRO-4,7-ENDOMETHYLENEINDENE see: PC0700000
1,4,5,6,7,8,8a-HEPTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDANE see: PC0700000
1,4,5,6,7,8,8-HEPTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDENE see: PC0700000
1(3a),4,5,6,7,8,8-HEPTACHLORO-3a(1),4,7,7a-TETRAHYDRO-4,7-METHANOINDENE see: PC0700000
1,4,5,6,7,8,8-HEPTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOL-1H-INDENE see: PC0700000
1,4,5,6,7,8,8-HEPTACHLORO-3a,4,7,7,7a-TETRAHYDRO-4,7-METHYLENE INDENE see: PC0700000
1,4,5,6,7,10,10-HEPTACHLORO-4,7,8,9-TETRAHYDRO-4,7-METHYLENEINDENE see: PC0700000
1,4,5,6,7,8,8-HEPTACHLOR-3a,4,7,7,7a-TETRAHYDRO-4,7-endo-METHANO-INDEN (German) see: PC0700000
HEPTADECANAMINE HYDROCHLORIDE see: MI4230000
1-HEPTADECANECARBOXYLIC ACID see: WI2800000

MI3850000 HEPTADECANOIC ACID
UPDT:8404   CAS: 506-12-7   MW: 270.51   MOLFM: C17-H34-O2
SYN: n-HEPTADECOIC ACID * n-HEPTADECYLIC ACID * MARGARIC ACID
TOXICITY DATA AND REFERENCES:
1F12   ivn-mus LD50:36 mg/kg   APTOA6 18,141,61
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
2,8,10-HEPTADECATRIENE-4,6-DIYNE-1,14-DIOL see: JY8750000
2-(8-HEPTADECENYL)-2-IMIDAZOLINE-1-ETHANOL see: NJ2800000
n-HEPTADECOIC ACID see: MI3850000

MI4220000 HEPTADECYLAMINE, N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8303   MW: 320.07   MOLFM: C19-H41-N .Cl-H
SYN: DIMETHYLHEPTADECYLAMINE CHLORHYDRATE (French) * N,N-DIMETHYLHEPTADECYLAMINE HYDROCHLORIDE * N,N-DIMETHYL-1-HEPTADECYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
*   orl-mus LD50:1250 mg/kg   CHTPBA 1(1),11,65

MI4230000 HEPTADECYLAMINE, HYDROCHLORIDE
UPDT:8303   CAS: 1838-07-9   MW: 292.01   MOLFM: C17-H37-N .Cl-H

SYN: HEPTADECANAMINE HYDROCHLORIDE * 1-HEPTADECYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1450 mg/kg CHTPBA 1(1),11,65
1-HEPTADECYLAMINE HYDROCHLORIDE see: MI4230000
2-HEPTADECYL-4,5-DIHYDRO-1H-IMIDAZOLY MONOACETATE see: NJ3825000
2-HEPTADECYL GLYOXALIDINE ACETATE see: NJ3825000
n-HEPTADECYLIC ACID see: MI3850000
2-HEPTADECYL-2-IMIDAZOLINE ACETATE see: NJ3825000

MI5210000 2,4-HEPTADIENAL
UPDT:8412 CAS: 5910-85-0 MW: 110.17 MOLFM: C7-H10-O
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg SEV FCTOD7 21,855,83
skn-gpg 500 mg SEV FCTOD7 21,855,83
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1150 mg/kg FCTOD7 21,855,83
* skn-rbt LD50:313 mg/kg FCTOD7 21,855,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MI5240000 2,5-HEPTADIENOIC ACID, 7-(2-(4-(3-CHLOROPHENOXY)-3-HYDROXY-1-BUTENYL)-3,5- DIHYDROXYCYCLOPENTYL)-, (1R-(1-alpha(2E,5Z),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8401 CAS: 73275-75-9 MW: 422.94 MOLFM: C22-H27-Cl-O6
SYN: 16-(3-CHLOROPHENOXY)-17,18,19,20-TETRANOR-2,3-trans-DIDEHYDRO-PGF2-alpha * 16-(3-CHLOROPHENOXY)-17,18,19,20-TETRANOR-2,3-trans-DIDEHYDROPROSTAGLANDIN F2-alpha
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:39 ug/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MI5241000 2,5-HEPTADIENOIC ACID, 7-(2-(4-(3-CHLOROPHENOXY)-3-HYDROXY-1-BUTENYL)-3,5- DIHYDROXYCYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(2E,5E),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8401 CAS: 68399-12-2 MW: 436.97 MOLFM: C23-H29-Cl-O6
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:78 ug/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MI5242000 2,5-HEPTADIENOIC ACID, 7-(2-(4-(3-CHLOROPHENOXY)-3-HYDROXY-1-BUTENYL)-3,5- DIHYDROXYCYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(2E,5Z),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8401 CAS: 62524-99-6 MW: 436.97 MOLFM: C23-H29-Cl-O6
SYN: 16-(3-CHLOROPHENOXY)-17,18,19,20-TETRANOR-2,3-trans-DIDEHYDRO-PGF2-alpha METHYL ESTER * DELPROSTENATE * ONO 1052
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:39 ug/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MI5243000 2,5-HEPTADIENOIC ACID, 7-(2-(4-(4-CHLOROPHENOXY)-3-HYDROXY-1-BUTENYL)-3,5- DIHYDROXYCYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(2E,5E),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8407 CAS: 62525-22-8 MW: 436.97 MOLFM: C23-H29-Cl-O6
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:1950 ug/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MI5244000 2,5-HEPTADIENOIC ACID, 7-(2-(4-(4-CHLOROPHENOXY)-3-HYDROXY-1-BUTENYL)-3,5- DIHYDROXYCYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(2E,5Z),2-beta(1E,3R*),3-alpha,5alpha))-
UPDT:8401 CAS: 62525-22-8 MW: 436.97 MOLFM: C23-H29-Cl-O6
SYN: 16-(4-CHLOROPHENOXY)-17,18,19,20-TETRANOR-2,3-trans-DIDEHYDRO-PGF2-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:78 ug/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MI5245000 3,5-HEPTADIENOIC ACID, 7-(2-(4-(3-CHLOROPHENOXY)-3-HYDROXY-1-BUTENYL)-3,5- DIHYDROXYCYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(3E,5E),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8401 CAS: 64812-79-9 MW: 436.97 MOLFM: C23-H29-Cl-O6
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:78 ug/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MI5246000 3,5-HEPTADIENOIC ACID, 7-(2-(4-(3-CHLOROPHENOXY)-3-HYDROXY-1-BUTENYL)-3,5- DIHYDROXYCYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(3,5Z),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8401 MW: 436.97 MOLFM: C23-H29-Cl-O6
SYN: 16-(3-CHLOROPHENOXY)-17,18,19,20-TETRANOR-3,4-trans,cis-DIDEHYDRO-PGF2-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:13 ug/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MI5247000 3,5-HEPTADIENOIC ACID, 7-(2-(4-(3-CHLOROPHENOXY)-3-HYDROXY-1-BUTENYL)-3,5- DIHYDROXYCYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(3E,5Z),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8401 CAS: 64812-64-2 MW: 436.97 MOLFM: C23-H29-Cl-O6
SYN: 16-(3-CHLOROPHENOXY)-17,18,19,20-TETRANOR-3,4-trans-DIDEHYDRO-PGF2-alpha METHYL ESTER * ONO 1108
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:9750 ng/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MI5248000 3,5-HEPTADIENOIC ACID, 7-(2-(4-(3-CHLOROPHENOXY)-3-HYDROXY-1-BUTENYL)-3,5- DIHYDROXYCYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(3Z,5Z),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8401 CAS: 64775-52-6 MW: 436.97 MOLFM: C23-H29-Cl-O6
SYN: 16-(3-CHLOROPHENOXY)-17,18,19,20-TETRANOR-3,4-cis-DIDEHYDRO-PGF2-beta METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:19500 ng/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MI5249000 3,5-HEPTADIENOIC ACID, 7-(2-(4-(4-CHLOROPHENOXY)-3-HYDROXY-1-BUTENYL)-3,5- DIHYDROXYCYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(3,5Z),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8401 MW: 436.97 MOLFM: C23-H29-Cl-O6
SYN: 16-(4-CHLOROPHENOXY)-17,18,19,20-TETRANOR-3,4-trans,cis-DIDEHYDRO-PGF2-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:39 ug/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MI5431000 2,5-HEPTADIENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-4-PHENOXY-1-BUTENYL)CYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(2E,5E),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8401 MW: 402.53 MOLFM: C23-H30-O6
SYN: 16-PHENOXY-17,18,19,20-TETRANOR-2,3-trans,4,5-trans-TETRADEHYDRO-PGF1-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:390 ug/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MI5431100 2,5-HEPTADIENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-4-PHENOXY-1-BUTENYL)CYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(2E,5Z),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8401 CAS: 62524-94-1 MW: 402.53 MOLFM: C23-H30-O6
SYN: ONO 1045 * 16-PHENOXY-17,18,19,20-TETRANOR-2,3-trans-DIDEHYDRO-PGF2-alpha METHYL ESTER * 16-PHENOXY-17,18,19,20-TETRANOR-2,3-trans-DIDEHYDROPROSTAGLANDIN F2-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:39 ug/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MI5431150 3,5-HEPTADIENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-4-PHENOXY-1-BUTENYL)CYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(3,5Z),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8401 CAS: 73364-95-1 MW: 402.53 MOLFM: C23-H30-O6
SYN: 16-PHENOXY-17,18,19,20-TETRANOR-3,4-trans,cis-DIDEHYDRO-PGF2-alpha METHYL ESTER * 16-PHENOXY-17,18,19,20-TETRANOR-3,4-trans,cis-DIDEHYDROPROSTAGLANDIN F2-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:6498 ng/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MI5431200 3,5-HEPTADIENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-4-PHENOXY-1-BUTENYL)CYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(3E,5E),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8401 CAS: 64812-77-7 MW: 402.53 MOLFM: C23-H30-O6
SYN: 16-PHENOXY-17,18,19,20-TETRANOR-3,4-trans,5,6-trans-TETRADEHYDRO-PGF1-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:39 ug/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MI5431300 3,5-HEPTADIENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-4-PHENOXY-1-BUTENYL)CYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(3E,5Z),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8401 CAS: 64812-67-5 MW: 402.53 MOLFM: C23-H30-O6
SYN: 16-PHENOXY-17,18,19,20-TETRANOR-3,4-trans-DIDEHYDRO-PGF2-alpha METHYL ESTER * 16-PHENOXY-17,18,19,20-TETRANOR-3,4-trans-DIDEHYDROPROSTAGLANDIN F2-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:9750 ng/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MI5431400 3,5-HEPTADIENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-4-PHENOXY-1-BUTENYL)CYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(3Z,5E),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8401 MW: 402.53 MOLFM: C23-H30-O6
SYN: 16-PHENOXY-17,18,19,20-TETRANOR-3,4-cis-DIDEHYDRO-PGF2-alpha METHYL ESTER * 16-PHENOXY-17,18,19,20-TETRANOR-3,4-cis-DIDEHYDROPROSTAGLANDIN F2-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:19500 ng/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MI5431500 2,5-HEPTADIENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-4-(3-(TRIFLUOROMETHYL)PHENOXY)-1- BUTENYL)CYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(2E,5Z),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8401 CAS: 62559-74-4 MW: 470.53 MOLFM: C24-H29-F3-O6
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:78 ug/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MI5431600 3,5-HEPTADIENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-4-(3-(TRIFLUOROMETHYL)PHENOXY)-1- BUTENYL)CYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(3,5Z),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8401 MW: 470.53 MOLFM: C24-H29-F3-O6
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:78 ug/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MI5550000 1,6-HEPTADIEN-3-ONE, 1-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-
UPDT:8305 CAS: 79-78-7 MW: 232.40 MOLFM: C16-H24-O
SYN: ALLYL alpha-IONONE * IONONE, ALLYL alpha- * 1-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-1,6-HEPTADIEN-3-ONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 11,1079,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
HEPTADONE see: MJ5950000
HEPTADON HYDROCHLORIDE see: MJ6130000
HEPTADORM see: CQ2450000
HEPTAFLUORMASELNAN STRIBRNY (Czech) see: EK7875000
HEPTAFLUOROISOBUTYLENE METHYL ETHER see: KO1925000
HEPTAGRAN see: PC0700000
gamma-HEPTALACTONE see: LU3697000
HEPTALDEHYDE METHYLANTHRANILATE, Schiff's base see: CB3080000
HEPTAMAL see: CQ2450000
HEPTAMETHYLENEIMINE mixed with SODIUM NITRITE see: CN4850000
beta-HEPTAMETHYLENEIMINO-p-NITROPROPIOPHENONE HYDROCHLORIDE see: UH4388350
HEPTAMETHYLENIMINE, 1-(2-GUANIDINOETHYL)- see: MF2975000
HEPTAMINE see: MQ5425000
HEPTAMUL see: PC0700000
HEPTAN (Polish) see: MI7700000
HEPTANAL, 2-BENZYLIDENE- see: GD6825000
HEPTANAL, 2-(PHENYLMETHYLENE)- see: GD6825000

MI7602000 HEPTANAMIDE, N-(((4-((3-AMINOPROPYL)AMINO)BUTYL)CARBAMOYL)HYDROXYMETHYL)-7-GUANIDINO-3-HYDROXY-
UPDT:8306 MW: 403.61 MOLFM: C17-H37-N7-O4
SYN: SPERGUALIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg JANTAJ 35,82-178,82

2-HEPTANAMINE see: MQ5425000

2-HEPTANAMINE, SULFATE (2:1) see: MQ5600000

MI7700000 HEPTANE

UPDT:8404 CAS: 142-82-5 MW: 100.23 MOLFM: C7-H16

SYN: DIPROPYL METHANE * EPTANI (Italian) * GETTYSOLVE-C * HEPTAN (Polish) * n-HEPTANE * HEPTANE (DOT) * HEPTANEN (Dutch) * HEPTYL HYDRIDE * UN 1206 (DOT)

TOXICITY DATA AND REFERENCES:

1F08 ihl-hmn TCLo:1000 ppm/6M BMRII* 2979,-,29

ivn-mus LD50:222 mg/kg JPMSAE 67,566,78

REVIEW AND REFERENCES:

★ TLV-TWA 400 ppm; STEL 500 ppm DTLVS* 4,210,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ppm (SCP-G) FEREAC 39,23540,74

★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ALKANES recm std-air:TWA 350 mg/m3;CL 1800 mg/3/15M NTIS**

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1500

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

n-HEPTANE see: MI7700000

1-HEPTANECARBOXYLIC ACID see: RH0175000

MI8750000 HEPTANE, 1-CHLORO-5-METHYL-

UPDT:8407 CAS: 2350-24-5 MW: 148.70 MOLFM: C8-H17-Cl

SYN: 2-ETHYLHEXYL-ω-CHLORIDE

IRRITATION DATA AND REFERENCES:

skn-rat 10 mg/24H open MLD AMIHBC 4,119,51

eye-rbt 500 mg open AMIHBC 4,119,51

TOXICITY DATA AND REFERENCES:

ihl-rat LCLo:4000 ppm/4H JIHTAB 31,343,49

orl-rat LD50:7340 mg/kg AMIHBC 4,119,51

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MI8760000 HEPTANE, 3-CHLOROMETHYL-

UPDT:8401 CAS: 123-04-6 MW: 148.70 MOLFM: C8-H17-Cl

SYN: 2-ETHYLHEXYL CHLORIDE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:7340 mg/kg AMIHBC 4,119,51

* ihl-rat LCLo:2000 ppm/4H AMIHBC 4,119,51

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MI8800400 1,7-HEPTANEDIAMIDE, N,N′-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-, DIHYDROCHLORIDE

UPDT:8308 MW: 543.55 MOLFM: C27-H30-N6-O2 .2Cl-H

SYN: N,N′-BIS(4-AMINO-2-METHYL-6-QUINOLYL)HEPTANEDIAMIDE DIHYDROCHLORIDE * BIS-(2-METHYL-4-AMINO-6-QUINOLYL)PIMELAMIDE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F12J30 ivn-mus LD50:7100 ug/kg ANTCAO 2,581,52

HEPTANEDICARBOXYLIC ACID see: CM1980000

1,7-HEPTANEDICARBOXYLIC ACID see: CM1980000

MI8900000 HEPTANE, 1,2:6,7-DIEPOXY-

UPDT:8401 CAS: 4247-19-2 MW: 128.19 MOLFM: C7-H12-O2

SYN: 1,2,6,7-DIEPOXYHEPTANE

TUMORIGENIC DATA AND REFERENCES:

3V02R60V10 skn-mus TDLo:2400 mg/kg/20W-I JNCIAM 35,707,65

3V02R60V10 skn-mus TD :7560 mg/kg/63W-I 14JTAF -,275,64

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MI9300000 HEPTANEDIOIC ACID, 4-OXO-, ISONICOTINOYL HYDRAZONE

UPDT:8401 CAS: 63041-19-0 MW: 293.31 MOLFM: C13-H15-N3-O5

SYN: ACIDO 4-(ISONICOTINIL-IDRAZONE)PIMELICO (Italian) * 4-(ISONICOTINOYLHYDRAZONE)PIMELIC ACID * 4-OXOHEPTANEDIOIC ACID, ISONICOTINOYL HYDRAZONE

TUMORIGENIC DATA AND REFERENCES:

3V03J60P61 orl-mus TDLo:12 gm/kg/30W-I LAPPA5 24,39,64

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HEPTANE (DOT) see: MI7700000

7-HEPTANELACTAM see: CN4810000

HEPTANEN (Dutch) see: MI7700000

MJ1355000 HEPTANE, PENTAMETHYL-

UPDT:8312 CAS: 30586-18-6 MW: 170.38 MOLFM: C12-H26

SYN: PENTAMETHYLHEPTANE * PENTAMETHYLHEPTANE (DOT) * UN 2286 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

MJ1395000 HEPTANE, 1,1,7,7-TETRACHLORO-

UPDT:8408 CAS: 71570-98-4 MW: 237.99 MOLFM: C7-H12-Cl4

SYN: 1,1,7,7-TETRACHLOROHEPTANE

TOXICITY DATA AND REFERENCES:

* orl-rat LDLo:2500 mg/kg 85GMAT -,108,82

MJ1575000 HEPTANOIC ACID

UPDT:8403 CAS: 111-14-8 MW: 130.21 MOLFM: C7-H14-O2

SYN: ENANTHIC ACID * ENANTHYLIC ACID * n-HEPTOIC ACID * HEPTYLIC ACID * n-HEPTYLIC ACID * HEXACID C-7 * 1-HEXANECARBOXYLIC ACID * OENANTHIC ACID * OENANTHYLIC ACID

TOXICITY DATA AND REFERENCES:

orl-rat LD50:7000 mg/kg FDRLI* 123,-,76

orl-mus LD50:6400 mg/kg BIJOAK 34,1196,40

1F12 ivn-mus LD50:1200 mg/kg APTOA6 18,141,61

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AMIHAB 21,100,60

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MJ1750000 HEPTANOIC ACID, ALLYL ESTER

UPDT:8305 CAS: 142-19-8 MW: 170.28 MOLFM: C10-H18-O2

SYN: ALLYL ENANTHATE * ALLYL HEPTANOATE * ALLYL HEPTOATE * ALLYL HEPTYLATE * 2-PROPENYL HEPTANOATE

IRRITATION DATA AND REFERENCES:

skn-hmn 20 mg/48H MLD FCTXAV 15,619,77

skn-rbt 500 mg/24H MOD FCTXAV 15,619,77

TOXICITY DATA AND REFERENCES:

orl-rat LD50:500 mg/kg TXAPA9 6,378,64

orl-mus LD50:630 mg/kg TXAPA9 7,18,65

* skn-rbt LD50:810 mg/kg FCTXAV 15,619,77

1F07 orl-gpg LD50:444 mg/kg FCTXAV 2,327,64

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ1770000 HEPTANOIC ACID, 7-AMINO-

UPDT:8408 CAS: 929-17-9 MW: 145.23 MOLFM: C7-H15-N-O2

SYN: AEA * AMINOENANTHIC ACID * omega-AMINOENANTHIC ACID * zeta-AMINOENANTHIC ACID * 7-AMINOENANTHIC ACID * AMINO-ENANTHYLIC ACID * omega-AMINOHEPTANOIC ACID * 7-AMINOHEPTANOIC ACID

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:9 gm/kg 85GMAT -,20,82

* ipr-mam LD50:6500 ug/kg RPTOAN 31,94,68

MJ1925000 HEPTANOIC ACID, 7-AMINO-, ISOPROPYL ESTER

UPDT:8303 CAS: 7790-12-7 MW: 187.32 MOLFM: C10-H21-N-O2

SYN: 7-AMINOHEPTANOIC ACID, ISOPROPYL ESTER

IRRITATION DATA AND REFERENCES:

skn-rbt 100 ug/24H open AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:4000 mg/kg AIHAAP 23,95,62

1R10 skn-rbt LD50:890 mg/kg AIHAAP 23,95,62

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ2020000 HEPTANOIC ACID, 3,6-DIMETHYL-3-PHENYL-

UPDT:8303 MW: 234.37 MOLFM: C15-H22-O2

SYN: 3,6-DIMETHYL-3-PHENYLHEPTANOIC ACID * HYDROCINNAMIC ACID, beta-ISOPENTYL-beta-METHYL-

TOXICITY DATA AND REFERENCES:

* unk-mus LD50:370 mg/kg FRPSAX 16,23,61

MJ2295000 HEPTANOIC ACID, ISOBUTYL ESTER

UPDT:8305 CAS: 7779-80-8 MW: 186.33 MOLFM: C11-H22-O2

SYN: HEPTANOIC ACID, 2-METHYLPROPYL ESTER * ISOBUTYL HEPTANOATE * ISOBUTYL HEPTYLATE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD FCTXAV 16,799,78

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

HEPTANOIC ACID, 2-METHYLPROPYL ESTER see: MJ2295000

MJ2299000 HEPTANOIC ACID, 2-PENTYL-, 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER, DIHYDROCHLORIDE

UPDT:8403 MW: 399.51 MOLFM: C19-H38-N2-O2 .2Cl-H

SYN: 2-PENTYLHEPTANOIC ACID 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F12F13J30 ipr-mus LD50:155 mg/kg JAPMA8 46,279,57

HEPTANOIC ACID, ester with TESTOSTERONE see: XA3080000

n-HEPTANOL see: MK0350000

tert-HEPTANOL (9CI) see: MK0400000

1-HEPTANOL see: MK0350000

MJ2975000 2-HEPTANOL

UPDT:8407 CAS: 543-49-7 MW: 116.23 MOLFM: C7-H16-O

SYN: AMYL METHYL CARBINOL * HEPTANOL-2 * 2-HYDROXYHEPTANE * METHYL AMYL CARBINOL

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54

eye-rbt 250 ug open SEV AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2580 mg/kg AMIHBC 10,61,54

* skn-rbt LD50:1780 mg/kg AMIHBC 10,61,54

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

HEPTANOL-2 see: MJ2975000

MJ3150000 3-HEPTANOL

UPDT:8407 CAS: 589-82-2 MW: 116.23 MOLFM: C7-H16-O

SYN: 3-HYDROXYHEPTANE

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51

eye-rbt 20 mg open SEV AMIHBC 4,119,51

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1870 mg/kg AMIHBC 4,119,51

skn-rbt LD50:4360 mg/kg AMIHBC 4,119,51

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

gamma-HEPTANOLACTONE see: LU3697000

MJ3280000 1-HEPTANOL, 2-BENZYLIDENE-

UPDT:8305 CAS: 101-85-9 MW: 204.34 MOLFM: C14-H20-O

SYN: alpha-AMYLCINNAMIC ALCOHOL * alpha-AMYLCINNAMYL ALCOHOL * 2-AMYL-3-PHENYL-2-PROPEN-1-OL * 2-BENZYLIDENE-1-HEPTANOL * BUXINOL

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:4000 mg/kg FCTXAV 12,817,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MJ3325000 4-HEPTANOL, 2-6-DIMETHYL-

UPDT:8407 CAS: 108-82-7 MW: 144.29 MOLFM: C9-H20-O

SYN: DIISOBUTYL CARBINOL * 2,6-DIMETHYL-4-HEPTANOL * 2,6-DIMETHYL HEPTANOL-4

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD JIHTAB 31,60,49

skn-rbt 500 mg open MLD UCDS** 12/30/71

eye-rbt 500 mg open JIHTAB 31,60,49

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:3160 mg/kg JIHTAB 31,60,49

orl-mus LD50:3530 mg/kg SCCUR* -,4,61

skn-rbt LD50:5660 mg/kg JIHTAB 31,60,49

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MJ3650000 3-HEPTANOL, 6-(DIMETHYLAMINO)-4,4-DIPHENYL-, ACETATE (ester), (3S,6S)-(-)-

UPDT:8406 CAS: 1477-40-3 MW: 353.55 MOLFM: C23-H31-N-O2

SYN: alpha-l-ACETYLMETHADOL * l-alpha-ACETYLMETHADOL * levo-alpha-ACETYLMETHADOL * LAAM

MUTATION DATA AND REFERENCES:

mmo-nsc 200 mg/L DCTODJ 4,19,81

cyt-hmn:lym 70 mg/L ENMUDM 1,180,79

mma-mus:lym 2 5 mg/L DCTODJ 4,19,81

trn-mus-unk 7 mg/kg DCTODJ 4,19,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T09 orl-man TDLo:8570 ug/kg (4W male) CLPTAT 19,371,76

2T76T81 orl-rat TDLo:10400 ug/kg (30D pre/1-22D preg) JPETAB 218,303,81

1T85 orl-rat TDLo:10400 ug/kg (30D pre/1-22D preg) NTOTDY 4,557,82

1T16 orl-rat TDLo:108 mg/kg (32D pre/1-22D preg) FEPRA7 38,855,79

1T76 orl-rat TDLo:10800 ug/kg (32D pre/1-22D preg) FEPRA7 38,855,79

3T16T17T72 orl-rat TDLo:104 mg/kg (30D pre/1-22D preg) JPETAB 218,303,81

1T25 unk-rat TDLo:7 mg/kg (1D male) DCTODJ 4,19,81

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:56 mg/kg PBBHAU 9,195,78

* scu-mus LD50:111 mg/kg ANYAA9 281,321,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ3680000 3-HEPTANOL, 6-(DIMETHYLAMINO)-4,4-DIPHENYL-, ACETATE (ester), HYDROCHLORIDE, (3S,6S)-(-)-

UPDT:8408 MW: 390.01 MOLFM: C23-H31-N-O2 .Cl-H

SYN: l-alpha-ACETYLMETHADOL HYDROCHLORIDE * (3S,6S)-(-)-6-(DIMETHYLAMINO)-4,4-DIPHENYL-3-HEPTANOL ACETATE (ester) HYDROCHLORIDE * LAAM HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T41T81T85	orl-rat TDLo:7400 ug/kg (15D pre/1-22D preg)	NTOTDY 5,479,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HEPTANOL, FORMATE see: LQ8582000

HEPTANOLIDE-4,1 see: LU3697000

MJ4650000 HEPTANOL, METHYL- (mixed primary isomers)

UPDT:8303 MW: 130.26 MOLFM: C8-H18-O

SYN: METHYLHEPTANOL (mixed primary isomers)

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open MLD	AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:5160 mg/kg	AIHAAP 23,95,62
1R10	skn-rbt LD50:2520 mg/kg	AIHAAP 23,95,62

HEPTANON see: MJ5950000

HEPTAN-3-ON (Dutch, German) see: MJ5250000

MJ5075000 2-HEPTANONE

UPDT:8404 CAS: 110-43-0 MW: 114.21 MOLFM: C7-H14-O

SYN: AMYL-METHYL-CETONE (French) * AMYL METHYL KETONE * n-AMYL METHYL KETONE * AMYL METHYL KETONE (DOT) * KETONE, METHYL PENTYL * METHYL-AMYL-CETONE (French) * METHYL n-AMYL KETONE * METHYL AMYL KETONE (DOT) * UN 1110 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 14 mg/24H open MLD	AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1670 mg/kg	UCDS** 8/11/58
*	ihl-rat LCLo:4000 ppm/4H	AIHAAP 23,95,62
	orl-mus LD50:730 mg/kg	APJUA8 12,79,62
1R10	skn-rbt LD50:12600 mg/kg	AIHAAP 23,95,62

REVIEW AND REFERENCES:

★	TLV-TWA 50 ppm; STEL 100 ppm	DTLVS* 4,264,80

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 100 ppm (SCP-B)	FEREAC 39,23540,74
★	DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE	CFRGBR 49,172.101,82
★	DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.102,83
★	CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO KETONES recm std-air:TWA 465 mg/m3	NTIS**

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1301

REPORTED IN EPA TSCA INVENTORY, 1983

MJ5250000 3-HEPTANONE

UPDT:8404 CAS: 106-35-4 MW: 114.21 MOLFM: C7-H14-O

SYN: AETHYLBUTYLKETON (German) * n-BUTYL ETHYL KETONE * EPTAN-3-ONE (Italian) * ETHYLBUTYLCETONE (French) * ETHYLBUTYLKETON (Dutch) * ETHYL BUTYL KETONE * ETILBUTILCHETONE (Italian) * HEPTAN-3-ON (Dutch, German) * HEPTAN-3-ONE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg open MLD	UCDS** 3/12/69
	skn-rbt 500 mg/24H MOD	FCTXAV 16,731,78
	eye-rbt 100 mg MLD	FCTXAV 16,731,78

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2760 mg/kg	JIHTAB 31,60,49
	ihl-rat LCLo:2000 ppm/4H	JIHTAB 31,343,49

REVIEW AND REFERENCES:

★	TLV-TWA 50 ppm; STEL 75 ppm	DTLVS* 4,177,80

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 50 ppm (SCP-B)	FEREAC 39,23540,74

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1301

REPORTED IN EPA TSCA INVENTORY, 1983

HEPTAN-3-ONE see: MJ5250000

MJ5600000 4-HEPTANONE

UPDT:8312 CAS: 123-19-3 MW: 114.21 MOLFM: C7-H14-O

SYN: BUTYRONE * BUTYRONE (DOT) * DIPROPYL KETONE * DIPROPYLKETONE (DOT) * GBL * HEPTAN-4-ONE * PROPYL KETONE * UN 2710 (DOT)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3730 mg/kg	TXAPA9 28,313,74
*	ihl-rat LCLo:4000 ppm/4H	TXAPA9 28,313,74
*	skn-rbt LD50:5660 mg/kg	TXAPA9 28,313,74

REVIEW AND REFERENCES:

★	TLV-TWA 50 ppm	DTLVS* 4,158,80

STANDARDS & REGULATIONS:

★	DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

HEPTAN-4-ONE see: MJ5600000

MJ5600500 4-HEPTANONE, 2,6-BIS(1-AZIRIDINYL)-2,6-DIMETHYL-

UPDT:8407 MW: 224.39 MOLFM: C13-H24-N2-O

SYN: 2,6-BIS(1-AZIRIDINYL)-2,6-DIMETHYL-4-HEPTANONE * beta,beta'-BIS-ETHYLENEIMINO-DIISOBUTYL KETONE

MUTATION DATA AND REFERENCES:

	oms-rat-ipr 40 mg/kg	BJPCAL 6,357,51
	cyt-rat-ipr 2 mg/kg	BJPCAL 6,357,51

MJ5645500 3-HEPTANONE, 6-(DIETHYLAMINO)-4,4-DIPHENYL-, HYDROBROMIDE

UPDT:8408 MW: 418.47 MOLFM: C23-H31-N-O .Br-H

SYN: 6-(DIETHYLAMINO)-4,4-DIPHENYL-3-HEPTANONE HYDROBROMIDE * 6-DIETHYLAMINO-4,4-DIPHENYLHEPTAN-3-ONE HYDROBROMIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:25 mg/kg	JCSOA9 -,2158,50

MJ5775000 4-HEPTANONE, 2,6-DIMETHYL-

UPDT:8407 CAS: 108-83-8 MW: 142.27 MOLFM: C9-H18-O

SYN: DIISOBUTILCHETONE (Italian) * DI-ISOBUTYLCETONE (French) * DIISOBUTYLKETON (Dutch, German) * DIISOBUTYL KETONE * DIISOBUTYL KETONE (DOT) * s-DIISOPROPYLACETONE * 2,6-DIMETHYL-HEPTAN-4-ON (Dutch, German) * 2,6-DIMETHYLHEPTAN-4-ONE * 2,6-DIMETHYL-4-HEPTANONE * 2,6-DIMETIL-EPTAN-4-ONE (Italian) * ISOBUTYL KETONE * ISOVALERONE * UN 1157 (DOT)

IRRITATION DATA AND REFERENCES:

	eye-hmn 25 ppm/15M MLD	JIHTAB 28,262,46
	skn-rbt 10 mg/24H open MLD	JIHTAB 31,60,49
	skn-rbt 500 mg open MLD	UCDS** 12/15/71
	eye-rbt 500 mg	AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:5750 mg/kg	NPIRI* 1,23,74
	ihl-rat LCLo:2000 ppm/4H	JIHTAB 31,343,49
	orl-mus LD50:1416 mg/kg	SCCUR* -,4,61
*	skn-rbt LD50:17 gm/kg	JIHTAB 31,60,49

REVIEW AND REFERENCES:

★	TLV-TWA 25 ppm	DTLVS* 4,144,80

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 50 ppm (SCP-V)	FEREAC 39,23540,74
★	DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE	CFRGBR 49,172.101,82
★	DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.102,83
★	CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO KETONES recm std-air:TWA 140 mg/m3	NTIS**

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1300

REPORTED IN EPA TSCA INVENTORY, 1983

MJ5950000 3-HEPTANONE, 6-(DIMETHYLAMINO)-4,4-DIPHENYL-

UPDT:8411 CAS: 76-99-3 MW: 309.49 MOLFM: C21-H27-N-O

SYN: ADANON * AMIDON * AMIDONE * DIAMINON * DOLOPHIN * DOLOPHINE * HEPTADONE * HEPTANON * KETALGIN * MECODIN * METHADON * METHADONE * PHENADONE * PHYSEPTONE * POLAMIDON * POLAMIDONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	orl-rat TDLo:770 mg/kg (10D pre/1-22D preg)	JPETAB 192,549,75
1T25	orl-rat TDLo:550 mg/kg (1-22D preg)	JPETAB 192,549,75
2T41T81	orl-rat TDLo:260 mg/kg (10W pre-3W post)	AIPTAK 228,300,77
2T26T76	ipr-rat TDLo:125 mg/kg (7D pre-21D post)	JPETAB 189,66,74
1T81	ipr-rat TDLo:375 mg/kg (7D pre-21D post)	JPETAB 189,66,74
1T75	scu-rat TDLo:1200 mg/kg (30D pre)	TXAPA9 29,76,74
1T83	scu-rat TDLo:30 mg/kg (14-19D preg)	BIREBV 22,480,80
1T85	par-rat TDLo:88 mg/kg (1-22D preg)	TJADAB 27,37A,83
2T25T34	unk-rat TDLo:50 mg/kg (6-15D preg)	JACTDZ 2(2),241,83
1T03	scu-mus TDLo:100 mg/kg (5D male)	TXAPA9 33,170,75
1T81	scu-ham TDLo:86 mg/kg (8-9D preg)	AJOGAH 120,1105,74

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:86 mg/kg	AIPTAK 180,155,69
*	ipr-rat LD50:18 mg/kg	JAPMA8 47,323,58
	scu-rat LD50:30 mg/kg	ARZNAD 3,238,53
	idu-rat LD50:38 mg/kg	AIPTAK 180,155,69
	orl-mus LD50:70 mg/kg	AIPTAK 135,376,62
*	ipr-mus LD50:35 mg/kg	AIPTAK 135,376,62
*	scu-mus LD50:35 mg/kg	AIPTAK 135,376,62
	ivn-mus LD50:20 mg/kg	JPETAB 99,163,50
	ivn-dog LDLo:26 mg/kg	27ZIAQ -,157,73

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ANYAA9 51,83,48; CLCHAU 19,361,73; FNSCA6 2,67,73; JAMAAP 235,1121,76; SCIEAS 209,619,80

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ6000000 3-HEPTANONE, 6-(DIMETHYLAMINO)-4,4-DIPHENYL-, (S)-

UPDT:8307 CAS: 5653-80-5 MW: 309.49 MOLFM: C21-H27-N-O

SYN: DEXTROMETHADONE * (S)-6-(DIMETHYLAMINO)-4,4-DIPHENYL-3-HEPTANONE * (+)-METHADONE * d-METHADONE * L-(+)-METHADONE * S-(+)-METHADONE * 6S-METHADONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T09	scu-rat TDLo:17800 ug/kg (1D male)	JPETAB 198,340,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ6050000 4-HEPTANONE, 1-DIMETHYLAMINO-3,3-DIPHENYL-, HYDRIODIDE

UPDT:8312 MW: 437.40 MOLFM: C21-H27-N-O .H-I

SYN: 1-DIMETHYLAMINO-3,3-DIPHENYLHEPTAN-4-ONE HYDRIODIDE

TOXICITY DATA AND REFERENCES:

1J25	ivn-mus LD50:50 mg/kg	JCSOA9 -,648,49

MJ6130000 3-HEPTANONE, 6-(DIMETHYLAMINO)-4,4-DIPHENYL-, HYDROCHLORIDE, (+-)-

UPDT:8403 CAS: 125-56-4 MW: 345.95 MOLFM: C21-H27-N-O .Cl-H

SYN: ADANON HYDROCHLORIDE * ALGIDON * ALGOLYSIN * AMIDON HYDROCHLORIDE * AN-148 * BUTALGIN * DEPRIDOL * DIAMINON HYDROCHLORIDE * dl-6-DIMETHYLAMINO-4,4-DIPHENYL-3-HEPTANONE HYDROCHLORIDE * 4,4-DIPHENYL-6-DIMETHYLAMINO-3-HEPTANONE HYDROCHLORIDE (+-)- * 1,1-DIPHENYL-1-(2-DIMETHYLAMINOPROPYL)-2-BUTANONE HYDROCHLORIDE, (+-)- * DOLOPHINE HYDROCHLORIDE * DOLOPHIN HYDROCHLORIDE * FENADONE * HEPTADON HYDROCHLORIDE * HOECHST 10,820 * KETALGIN HYDROCHLORIDE * MACODIN * MEPHENON * (+-)-METHADONE HYDROCHLORIDE * dl-METHADONE HYDROCHLORIDE * MIADONE * MOHEPTAN * PHENADONE HYDROCHLORIDE * PHYSEPTONE HYDROCHLORIDE * RACEMIC METHADONE HYDROCHLORIDE * TUSSAL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T76	orl-rat TDLo:13 mg/kg (1D male)	NATUAS 253,202,75
1T85	ipr-rat TDLo:105 mg/kg (21D post)	NTOTDY 4,455,82
2T81T87	ipr-rat TDLo:135 mg/kg (5D pre/1-22D preg)	EXPEAM 33,1486,77
1T85	ipr-rat TDLo:135 mg/kg (5D pre/1-22D preg)	PBBHAU 9,665,78
2T41T75	ipr-rat TDLo:110 mg/kg (1-22D preg)	FEPRA7 36,1000,77
2T41T81	ipr-rat TDLo:105 mg/kg (21D post)	EXNEAC 56,538,77
2T41T81	scu-rat TDLo:50 mg/kg (13-21D preg)	ANRSAS 59,248,79
1T48	scu-mus TDLo:123 mg/kg (2W pre-2W post)	PSEBAA 164,275,80

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:95 mg/kg	JPETAB 92,269,48
	ipr-rat LD50:33 mg/kg	JPETAB 98,305,50
	ipr-mus LD50:31 mg/kg	JPETAB 98,305,50
	scu-mus LD50:27 mg/kg	JPETAB 98,305,50
	ivn-mus LD50:32 mg/kg	APTOA6 24,121,66
	scu-dog LDLo:50 mg/kg	JPETAB 98,305,50
*	ivn-dog LD50:29 mg/kg	CPBTAL 7,372,59

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ6300000 3-HEPTANONE, 6-(DIMETHYLAMINO)-4,4-DIPHENYL-, HYDROCHLORIDE

UPDT:8408 CAS: 1095-90-5 MW: 345.95 MOLFM: C21-H27-N-O .Cl-H

SYN: ADANON HYDROCHLORIDE * ALTHOSE HYDROCHLORIDE * AMIDONE HYDROCHLORIDE * DIAMINON HYDROCHLORIDE * DIASONE HYDROCHLORIDE * 6-DIMETHYLAMINO-4,4-DIPHENYL-3-HEPTANONE HYDROCHLORIDE * 1,1-DIPHENYL-1-(beta-DIMETHYLAMINOPROPYL)BUTANONE-2 HYDROCHLORIDE * DOLOPHINE * DOLOPHINE HYDROCHLORIDE * DOLPHINE * HOECHST 1082 * METHADONE HYDROCHLORIDE

MUTATION DATA AND REFERENCES:

	dnr-esc 800 ppm	DCTODJ 4,1,81
	mmo-nsc 300 mg/L	DCTODJ 4,1,81
	dlt-mus-ipr 3 mg/kg/3D	MUREAV 68,235,79
	spm-mus-ipr 3 mg/kg	MUREAV 68,235,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T35T81T85	orl-rat TDLo:130 mg/kg (8-22D preg)	JPETAB 208,106,79
2T71T72	orl-rat TDLo:308 mg/kg (1-22D preg)	NETOD7 1,87,79
1T76	orl-rat TDLo:2445 mg/kg (8W male/8W pre-3W post)	DPTHDL 6,125,83
1T81	orl-rat TDLo:70 mg/kg (9-22D preg)	NETOD7 2,331,80
1T81	ipr-rat TDLo:135 mg/kg (5D pre/1-22D preg)	BNEOBV 34,48,78
1T83	scu-rat TDLo:66 mg/kg (10-22D preg/1D post)	TOLED5 14,131,82
3T03T21T29	scu-rat TDLo:120 mg/kg (12D male)	TXAPA9 45,797,78

2T76T81 scu-rat TDLo:120 mg/kg (12D male) TXAPA9 45,797,78
2T41T83 scu-rat TDLo:161 mg/kg (10-22D preg/21D post) LIFSAK 24,1223,79
1T85 scu-rat TDLo:180 mg/kg (5-22D preg) NETOD7 2,75,80
1T34 scu-rat TDLo:50 mg/kg (6-15D preg) PSEBAA 173,398,83
2T25T35 scu-mus TDLo:100 mg/kg (6-15D preg) DCTODJ 6,41,83
3T75T76T86 scu-mus TDLo:50 mg/kg (6-15D preg) DCTODJ 6,41,83
2T41T46 scu-mus TDLo:24 mg/kg (9D preg) JEEMAF 30,499,73
1T85 scu-mus TDLo:30 mg/kg (16-21D preg) NETOD7 2,307,80
2T02T03 scu-mus TDLo:50 mg/kg (10D male) AIPTAK 215,215,75
1T41 scu-ham TDLo:35 mg/kg (8D preg) AJOGAH 123,705,75
1T59 scu-ham TDLo:83 mg/kg (8D preg) AJOGAH 123,705,75
1T26 scu-ham TDLo:201 mg/kg (8D preg) AJOGAH 123,705,75

TOXICITY DATA AND REFERENCES:
2F25F29 orl-hmn LDLo:1430 ug/kg 27ZXA3 -,320,80
orl-chd LDLo:5 mg/kg JAMAAP 238,2516,77
1F29 orl-rat LD50:30 mg/kg AIPTAK 123,48,59
1F29 ipr-rat LD50:11 mg/kg AIPTAK 123,48,59
* scu-rat LD50:12 mg/kg ANYAA9 51,83,48
ivn-rat LD50:9200 ug/kg JPETAB 92,269,48
ipr-mus LD50:29 mg/kg AIPTAK 122,434,59
* scu-mus LD50:34 mg/kg ANYAA9 51,83,48
ivn-mus LD50:16 mg/kg TXAPA9 6,334,64
scu-mky LDLo:10 mg/kg PSEBAA 65,113,47
* scu-gpg LD50:54 mg/kg ANYAA9 51,83,48
2F19F12 ivn-pgn LD50:51 mg/kg AIPTAK 79,282,49
ivn-ckn LDLo:13 mg/kg AIPTAK 79,282,49
ivn-dck LD50:12 mg/kg AIPTAK 79,282,49
* scu-frg LD50:56 mg/kg ANYAA9 51,83,48
par-frg LD50:56 mg/kg AIPTAK 79,282,49

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ6475000 3-HEPTANONE, 6-(DIMETHYLAMINO)-4,4-DIPHENYL-, HYDROCHLORIDE, (-)-
UPDT:8408 CAS: 5967-73-7 MW: 345.95 MOLFM: C21-H27-N-O . Cl-H
SYN: 1,6-DIMETHYLAMINO-4,4-DIPHENYL-3-HEPTANONE HYDROCHLORIDE * 1,1-DIPHENYL-1-(2-DIMETHYLAMINOPROPYL)-2-BUTANONE * 1-DOLOPHINE HYDROCHLORIDE * LEVADONE * LEVOTHYL * l-METHADONE HYDROCHLORIDE * POLAMIDON

TOXICITY DATA AND REFERENCES:
2F08F29 orl-hmn TDLo:44 ug/kg JPETAB 93,282,48
ipr-rat LD50:24 mg/kg JPETAB 98,305,50
scu-rat LD50:44 mg/kg JPETAB 98,305,50
ipr-mus LD50:30 mg/kg JPETAB 98,305,50
scu-mus LD50:19 mg/kg JPETAB 98,305,50
2F29J25 ivn-mus LD50:26 mg/kg JCSOA9 -,648,49

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ6650000 3-HEPTANONE, 6-(DIMETHYLAMINO)-4,4-DIPHENYL-, HYDROCHLORIDE, (+)-
UPDT:8312 CAS: 15284-15-8 MW: 345.95 MOLFM: C21-H27-N-O . Cl-H
SYN: d-DOLOPHINE HYDROCHLORIDE * d-METHADONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F06F07F29 orl-hmn TDLo:2380 ug/kg JPETAB 93,282,48
ipr-rat LD50:72 mg/kg JPETAB 98,305,50
ipr-mus LD50:65 mg/kg JPETAB 98,305,50
1J25 ivn-mus LD50:29900 ug/kg JCSOA9 -,648,49

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ7176000 4-HEPTANONE, 1-DIMETHYLAMINO-3,3-DIPHENYL-2-METHYL-, HYDROCHLORIDE
UPDT:8312 MW: 359.98 MOLFM: C22-H29-N-O . Cl-H
SYN: 1-DIMETHYLAMINO-3,3-DIPHENYL-2-METHYLHEPTAN-4-ONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1J26 ivn-mus LD50:12 mg/kg JCSOA9 -,648,49

MJ7177000 3-HEPTANONE, 6-DIMETHYLAMINO-4,4-DIPHENYL-2-METHYL-, NITRATE
UPDT:8312 MW: 375.54 MOLFM: C22-H29-N-O . H-N-O3
SYN: 6-DIMETHYLAMINO-4,4-DIPHENYL-2-METHYL-3-HEPTANONE NITRATE

TOXICITY DATA AND REFERENCES:
1J26 ivn-mus LD50:45 mg/kg JCSOA9 -,648,49

MJ7183500 4-HEPTANONE, 3,3-DIPHENYL-2-METHYL-1-PIPERIDINO-, HYDROBROMIDE
UPDT:8408 MW: 446.51 MOLFM: C25-H33-N-O . Br-H
SYN: 3,3-DIPHENYL-2-METHYL-1-PIPERIDINO-4-HEPTANONE HYDROBROMIDE * 1-PIPERIDINO-3,3-DIPHENYL-2-METHYLHEPTAN-4-ONE HYDROBROMIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:30 mg/kg JCSOA9 -,2158,50

MJ7184000 3-HEPTANONE, 4,4-DIPHENYL-6-MORPHOLINO-, HYDROCHLORIDE
UPDT:8408 CAS: 545-91-5 MW: 387.99 MOLFM: C23-H29-N-O2 . Cl-H
SYN: 4,4-DIPHENYL-6-MORPHOLINO-3-HEPTANONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
scu-rat LD50:132 mg/kg JPETAB 98,305,50
* orl-mus LD50:208 mg/kg FRPSAX 5,185,50
* ipr-mus LD50:131 mg/kg JACSAT 71,57,49
scu-mus LD50:110 mg/kg JPETAB 98,121,50
ivn-mus LD50:48 mg/kg JPETAB 98,305,50

MJ7184300 4-HEPTANONE, 3,3-DIPHENYL-1-PIPERIDINO-, HYDROBROMIDE
UPDT:8312 MW: 430.48 MOLFM: C24-H31-N-O . Br-H
SYN: 3,3-DIPHENYL-1-PIPERIDINO-4-HEPTANONE HYDROBROMIDE * 1-PIPERIDINO-3,3-DIPHENYL-4-HEPTANONE HYDROBROMIDE

TOXICITY DATA AND REFERENCES:
2F29J25 ivn-mus LD50:18 mg/kg JCSOA9 -,648,49

MJ7184500 3-HEPTANONE, 4,4-DIPHENYL-7-PIPERIDINO-, HYDROBROMIDE
UPDT:8408 MW: 430.48 MOLFM: C24-H31-N-O . Br-H
SYN: 4,4-DIPHENYL-7-PIPERIDINO-3-HEPTANONE HYDROBROMIDE * 7-PIPERIDINO-4,4-DIPHENYL-3-HEPTANONE HYDROBROMIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:40 mg/kg JCSOA9 -,2158,50

MJ7184700 3-HEPTANONE, 4,4-DIPHENYL-6-PIPERIDINO-, HYDROCHLORIDE
UPDT:8408 MW: 386.02 MOLFM: C24-H31-N-O . Cl-H
SYN: 4,4-DIPHENYL-6-PIPERIDINO-3-HEPTANONE HYDROCHLORIDE * 6-PIPERIDINO-4,4-DIPHENYLHEPTAN-3-ONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:15 mg/kg JCSOA9 -,2158,50

MJ7350000 3-HEPTANONE, 5-METHYL-
UPDT:8404 CAS: 541-85-5 MW: 128.24 MOLFM: C8-H16-O
SYN: ETHYL sec-AMYL KETONE * 3-METHYL-5-HEPTANONE * 5-METHYL-3-HEPTANONE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:3500 mg/kg SCCUR* -,6,61
ihl-rat LCLo:3484 ppm/8H SCCUR* -,6,61
orl-mus LD50:3800 mg/kg SCCUR* -,6,61
ihl-mus LCLo:3484 ppm/4H SCCUR* -,6,61
orl-gpg LD50:2500 mg/kg BCPCA6 16,631,67

REVIEW AND REFERENCES:
★ TLV-TWA 25 ppm DTLVS* 4,175,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 25 ppm (SCP-B) FEREAC 39,23540,74

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1301

MJ7920000 HEPTANONITRILE, 2-OXO-, O-BENZYLOXIME
UPDT:8402 MW: 230.34 MOLFM: C14-H18-N2-O
SYN: 1-BENZYLOXIMINOPENTANECARBONITRILE * 2-OXOHEPTANONITRILE O-BENZYLOXIME

TOXICITY DATA AND REFERENCES:
* unk-mam LD50:50 mg/kg JPMSAE 56,307,67

17-beta-HEPTANOYLOXY-17-alpha-ETHYNYL-4-OESTREN-3-ONE see: RC8973000

HEPTANYL ACETATE see: AH9901000

MJ8363000 10,13,16,19,22,27,28-HEPTAOXA-3-THIATRICYCLO(22.2.1.1(sup 5,8))OCTACOSA-5,7,24,26-TETRAENE- 9,23-DIONE
UPDT:8303 CAS: 71349-36-5 MW: 440.50 MOLFM: C20-H24-O9-S
SYN: 2-FUROIC ACID, 5,5'-THIODIMETHYLENEDI-, CYCLIC ESTER with 2,2'-OXYBIS(ETHYLENEOXY)DIETHANOL

MUTATION DATA AND REFERENCES:
mmo-sat 25 mmol/plate BZARAZ 32,1146,79
mmo-omi 100 mmol/plate BZARAZ 32,1146,79

MJ8364000 10,13,18,21,24,29,30-HEPTAOXA-3-THIATRICYCLO(24.2.1.1(sup 5,8))TRIACONTA-5,7,27,29-TETRAEN- 15-YNE-9,25-DIONE
UPDT:8303 MW: 464.52 MOLFM: C22-H24-O9-S

MUTATION DATA AND REFFRENCES:
mmo-esc 25 mmol/plate BZARAZ 32,1146,79

MJ8364200 HEPTAOXYFLAVANGLYCOSIDE
UPDT:8308

TOXICITY DATA AND REFERENCES:
1G30 ivn-mus LD50:175 mg/kg PLMEAA 43,105,81

HEPTBARBITAL see: CQ2450000

HEPTEDRINE see: MQ5425000

MJ8810000 5-HEPTENAMIDE, 7-(3-HYDROXY-2-(3-HYDROXY-4-PHENOXY-1-BUTENYL)-5-OXOCYCLOPENTYL)- N-(METHYLSULFONYL)-, (1R-(1-alpha(Z),2-beta(1E,3R*),3-alpha))-
UPDT:8408 CAS: 60325-46-4 MW: 465.61 MOLFM: C23-H31-N-O7-S
SYN: CP 34089 * 16-PHENOXY-omega-17,18,19,20-TETRANOR PGE 2 METHYLSULFONYLAMIDE * 16-PHENOXY-omega-17,18,19,20-TETRANOR PROSTAGLANDIN E2 METHYLSULFONYLAMIDE * 16-PHENOXY-17,18,19,20 TETRANOR PROSTAGLANDIN E(sub 2) METHYL SULFONYLAMIDE * SCH 286 * SHB 286 * SULPROSTONE * ZK 57671

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T27 ivn-wmn TDLo:17 ug/kg (23W preg) AJOGAH 137,8,80
1T27 ivn-wmn TDLo:10 ug/kg (9W preg) CCPTAY 19,29,79
1T27 ims-wmn TDLo:20 ug/kg (49D preg) CCPTAY 22,471,80
1T27 ims-wmn TDLo:30 ug/kg (15W preg) CCPTAY 26,279,82
1T27 ims-wmn TDLo:80 ug/kg (12W preg) CCPTAY 25,175,82
1T27 ims-wmn TDLo:5 ug/kg (10W preg) CCPTAY 27,51,83
1T27 ipc-wmn TDLo:500 ng/kg (15W preg) CCPTAY 26,279,82
1T27 icv-wmn TDLo:1 ug/kg (10D preg) CCPTAY 16,377,77
1T27 scu-gpg TDLo:120 ug/kg (63-64D preg) ACEDAB 253,148,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ8815000 n-HEPTENE
UPDT:8312 MW: 98.21 MOLFM: C7-H14
SYN: n-HEPTENE (DOT) * UN 2278 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172,102,83

MJ8900000 1-HEPTENE-1-ARSONIC ACID, 2-CHLORO-, MONOAMMONIUM SALT
UPDT:8C11 CAS: 300-88-9 MW: 273.62 MOLFM: C7-H14-As-Cl-O3 . H3-N
SYN: AMMONIUM CHLOROHEPTENE ARSONATE * ARSION * ARSONIC ACID, (2-CHLORO-1-HEPTENYL)-, MONOAMMONIUM SALT (9CI) * CHLORARSENOL * CHLOROARSENOL * SOLARSON * SOLASON

MUTATION DATA AND REFERENCES:
cyt-hmn:hla 1000 ppm/6H IDZAAW 40,135,65
cyt-hmn:lng 1000 ppm/12H IDZAAW 40,135,65

TOXICITY DATA AND REFERENCES:
scu-rbt LDLo:1 gm/kg HBAMAK 4,1289,35
ivn-rbt LDLo:1 gm/kg HBAMAK 4,1289,35

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

n-HEPTENE (DOT) see: MJ8815000

MJ9651000 5-HEPTENOIC ACID, 7-(2-(3-(2-BENZOFURANYL)-3-HYDROXY-1-PROPENYL)-3,5-DIHYDROXYCYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(Z),2-beta(1E,3S*),3-alpha,5-alpha))-
UPDT:8401 CAS: 73285-87-7 MW: 414.54 MOLFM: C24-H30-O5
SYN: 15-(2-BENZOFURANYL)-16,17,18,19,20-PENTANOR-PGF2-alpha METHYL ESTER * 15-(2-BENZOFURANYL)-16,17,18,19,20-PENTANORPROSTAGLANDIN F2-alpha METHYL ESTER

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:156 ug/kg (3-5D preg) JMCMAR 23,519,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9651100 5-HEPTENOIC ACID, 7-(2-(3-BENZO(b)THIEN-2-YL-3-HYDROXY-1-PROPENYL)-3,5- DIHYDROXYCYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(Z),2-beta(1E,3S*),3-alpha,5-alpha))-
UPDT:8401 CAS: 73285-86-6 MW: 430.60 MOLFM: C24-H30-O5-S
SYN: 15-(2-BENZO(b)THIENYL)-16,17,18,19,20-PENTANOR-PGF2-alpha METHYL ESTER * 15-(2-BENZO(b)THIENYL)-16,17,18,19,20-PENTANORPROSTAGLANDIN F2-alpha METHYL ESTER

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:195 ug/kg (3-5D preg) JMCMAR 23,519,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9651200 5-HEPTENOIC ACID, 7-(3,5-BIS((TETRAHYDRO-2H-PYRAN-2-YL)OXY)-2-(4-PHENOXY-3-((TETRAHYDRO- 2H-PYRAN-2-YL)OXY)-1-BUTENYL)CYCLOPENTYL)-2-(PHENYLSELENO)-, METHYL ESTER
UPDT:8401 CAS: 62524-93-0 MW: 812.00 MOLFM: C44-H60-O9-Se

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:3900 ug/kg (3-5D preg) JMCMAR 23,525,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9652000 5-HEPTENOIC ACID, 7-(2-(4-(3-CHLOROPHENOXY)-3-HYDROXY-1-BUTENYL)-3,5-DIHYDROXYCYCLOPENTYL)-, (1-alpha-(Z),2-beta-(1E,3R*),3-alpha,5-alpha)- (+-)-
UPDT:8403 CAS: 40665-92-7 MW: 424.96 MOLFM: C22-H29-Cl-O6
SYN: CLOPROSTENOL * ESTRUMATE * ICI 79939 * ICI 80996 * I.C.I. LTD. COMPOUND NUMBER 80996

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T16 ipr-rat TDLo:900 ng/kg (20D preg) NATUAS 250,330,74
1T24 scu-rat TDLo:270 ug/kg (5-6D preg) NATUAS 250,330,74
1T25 scu-rat TDLo:22 ug/kg (9D preg) NATUAS 250,330,74
1T16 scu-rat TDLo:900 ng/kg (20D preg) NATUAS 250,330,74

2T16T76	ims-pig TDLo:2917 ng/kg (16W preg)	RARIAQ 27,5,79
2T75T81	ims-pig TDLo:2917 ng/kg (16W preg)	JASIAB 89,267,77
3T16T75T81	ims-pig TDLo:2500 ng/kg (15W preg)	AZOOAH 24,661,75
1T27	ims-ctl TDLo:500 ng/kg (71D preg)	THGNBO 7,305,77
1T19	ims-dom TDLo:1818 mg/kg (1D pre)	JRPFA4 58,219,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9652100 5-HEPTENOIC ACID, 7-(2-(4-(3-CHLOROPHENOXY)-3-HYDROXY-1-BUTENYL)-3,5-DIHYDROXYCYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(Z),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8401 CAS: 56687-85-5 MW: 438.99 MOLFM: C23-H31-Cl-O6
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	scu-rat TDLo:39 ug/kg (3-5D preg)	JMCMAR 23,525,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9652200 5-HEPTENOIC ACID, 7-(2-(4-(3-CHLOROPHENOXY)-3-((TETRAHYDRO-2H-PYRAN-2-YL)OXY)-1-BUTENYL)- 3,5-BIS((TETRAHYDRO-2H-PYRAN-2-YL)OXY)CYCLOPENTYL)-2-(PHENYLSELENO)-, METHYL ESTER
UPDT:8401 CAS: 62559-75-5 MW: 846.44 MOLFM: C44-H59-Cl-O9-Se
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	scu-rat TDLo:7800 ug/kg (3-5D preg)	JMCMAR 23,525,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9652300 5-HEPTENOIC ACID, 7-(2-(2-(2-(4-CHLOROPHENYL)-1,3-DIOXOLAN-2-YL)ETHENYL)-3,5- DIHYDROXYCYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(Z),2-beta(E),3-alpha,5-alpha))-
UPDT:8401 CAS: 66176-10-1 MW: 451.00 MOLFM: C24-H31-Cl-O6
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27	scu-rat TDLo:600 ug/kg (4-7D preg)	JMCMAR 21,443,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9652400 5-HEPTENOIC ACID, 7-(2-(5-(3-CHLOROPHENYL)-3-HYDROXY-5-OXO-1-PENTENYL)-3,5- DIHYDROXYCYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(Z),2-beta(1E,3S*),3-alpha,5-alpha))-
UPDT:8401 CAS: 62429-47-4 MW: 451.00 MOLFM: C24-H31-Cl-O6
SYN: 17-OXO-17-(3-CHLOROPHENYL)-18,19,20-TRINOR-PGF2-alpha METHYL ESTER * 17-OXO-17-(3-CHLOROPHENYL)-18,19,20-TRINORPROSTAGLANDIN F2-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	scu-rat TDLo:780 ug/kg (3-5D preg)	JMCMAR 23,519,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9652500 5-HEPTENOIC ACID, 7-(2-(5-(4-CHLOROPHENYL)-3-HYDROXY-5-OXO-1-PENTENYL)-3,5- DIHYDROXYCYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(Z),2-beta(1E,3S*),3-alpha,5-alpha))-
UPDT:8401 CAS: 62429-46-3 MW: 451.00 MOLFM: C24-H31-Cl-O6
SYN: 17-OXO-17-(4-CHLOROPHENYL)-18,19,20-TRINOR-PGF2-alpha METHYL ESTER * 17-OXO-17-(4-CHLOROPHENYL)-18,19,20-TRINORPROSTAGLANDIN F2-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	scu-rat TDLo:1950 ug/kg (3-5D preg)	JMCMAR 23,519,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9652600 5-HEPTENOIC ACID, 7-(2-(5-(3-CHLOROPHENYL)-3-HYDROXY-1-PENTEN-4-YNYL)-3,5- DIHYDROXYCYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(Z),2-beta(1E,3S*),3-alpha,5-alpha))-
UPDT:8401 CAS: 73285-84-4 MW: 432.98 MOLFM: C24-H29-Cl-O5
SYN: 16,16,17,17-TETRADEHYDRO-17-(3-CHLOROPHENYL)-18,19,20-TRINOR-PGF2-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	scu-rat TDLo:195 ug/kg (3-5D preg)	JMCMAR 23,519,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9652700 5-HEPTENOIC ACID, 7-(2-(5-(4-CHLOROPHENYL)-3-HYDROXY-1-PENTEN-4-YNYL)-3,5- DIHYDROXYCYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(Z),2-beta(1E,3S*),3-alpha,5-alpha))-
UPDT:8401 CAS: 73285-85-5 MW: 432.98 MOLFM: C24-H29-Cl-O5
SYN: 16,16,17,17-TETRADEHYDRO-17-(4-CHLOROPHENYL)-18,19,20-TRINOR-PGF2-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	scu-rat TDLo:7800 ug/kg (3-5D preg)	JMCMAR 23,519,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9652800 5-HEPTENOIC ACID, 7-(2-(4-(1-CYCLOHEXEN-1-YLTHIO)-3-HYDROXY-1-BUTENYL)-3,5- DIHYDROXYCYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(Z),2-beta(1E,3S*),3-alpha,5-alpha))-
UPDT:8401 CAS: 73285-92-4 MW: 424.65 MOLFM: C23-H36-O5-S
SYN: 16-(CYCLOHEX-1-ENYLTHIO)-17,18,19,20-TETRANOR-PGF2-alpha METHYL ESTER * 16-(CYCLOHEX-1-ENYLTHIO)-17,18,19,20-TETRANORPROSTAGLANDIN F2-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	scu-rat TDLo:780 ug/kg (3-5D preg)	JMCMAR 23,519,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9652900 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(2-(2-((4-FLUOROPHENOXY)METHYL)-1,3-DIOXOLAN-2-YL) ETHENYL)CYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(Z),2-beta(E),3-alpha,5-alpha))-
UPDT:8401 CAS: 66176-11-2 MW: 464.58 MOLFM: C25-H33-F-O7
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27	scu-rat TDLo:600 ug/kg (4-7D preg)	JMCMAR 21,443,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9652950 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-1-DECENYL)CYCLOPENTYL)-, (1R-(1-alpha(Z), 2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8402 MW: 382.60 MOLFM: C22-H38-O5
SYN: racemic-ICI 74206
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-ham TDLo:750 ug/kg (4-6D preg)	PRGLBA 2,375,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9653000 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-1-DECENYL)CYCLOPENTYL)-, (1R-(1-alpha(Z),2-beta(1E,3S*),3-alpha,5-alpha))-
UPDT:8402 CAS: 36950-85-3 MW: 382.60 MOLFM: C22-H38-O5
SYN: 20-ETHYLPROSTAGLANDIN F2-alpha * ICI 74205 * racemic-ICI 74205
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T24T25	scu-rat TDLo:4 mg/kg (4-7D preg)	PRGLBA 2,375,72
1T27	scu-rat TDLo:40 mg/kg (19-20D preg)	PRGLBA 2,375,72
1T29	scu-rat TDLo:10 mg/kg (4-7D preg)	PRGLBA 2,375,72
1T29	orl-ham TDLo:2250 ug/kg (4-6D preg)	NATUAS 238,400,72
1T29	scu-ham TDLo:100 ug/kg (4-6D preg)	NATUAS 238,400,72
1T25	scu-ham TDLo:150 ug/kg (4-6D preg)	NATUAS 238,400,72
1T27	scu-ham TDLo:2500 ug/kg (14D preg)	PRGLBA 2,375,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9654500 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-3(S)-METHYL-1-OCTENYL)CYCLOPENTYL)-, METHYL ESTER
UPDT:8405 MW: 382.60 MOLFM: C22-H38-O5
SYN: 15-METHYL-PGF2-alpha METHYL ESTER * 15(S)15-METHYL-PGF2-alpha METHYL ESTER * 15-METHYL-PROSTAGLANDIN F2-alpha METHYL ESTER * 15(S)15-METHYL-PROSTAGLANDIN F2-alpha METHYL ESTER * 15M-PGF2-alpha
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27	ivg-wmn TDLo:60 ug/kg (16D preg)	PRGLBA 16,143,78
1T27	ivg-wmn TDLo:10 ug/kg (10W preg)	CCPTAY 27,51,83
1T27	ivg-wmn TDLo:60 ug/kg (7W preg)	CCPTAY 22,57,80
1T27	ivg-wmn TDLo:50 ug/kg (37D preg)	AJOGAH 124,495,76
1T29	ivg-wmn TDLo:78 ug/kg (25D preg)	OBGNAS 48,221,76
1T23	imp-rat TDLo:4400 ug/kg (84D male)	FESTAS 29,109,78
1T03	imp-rat TDLo:16800 ug/kg (84D male)	FESTAS 29,109,78
1T03	itt-rat TDLo:4400 ug/kg (20D male)	FESTAS 29,103,78
1T02	itt-rat TDLo:16800 ug/kg (20D male)	FESTAS 29,103,78
1T22	scu-ham TDLo:4 ug/kg (4D preg)	JPETAB 186,67,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9654800 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-3-METHYL-5-PHENYL-1-PENTEN-4-YNYL) CYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(Z),2-beta(1E,3S*),3-alpha,5-alpha))-
UPDT:8401 CAS: 62475-37-0 MW: 398.54 MOLFM: C24-H30-O5
SYN: 16,16,17,17-TETRADEHYDRO-17-PHENYL-18,19,20-TRINOR-PGF2-alpha METHYL ESTER * 16,16,17,17-TETRADEHYDRO-17-PHENYL-18,19,20-TRINORPROSTAGLANDIN F2-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	scu-rat TDLo:195 ug/kg (3-5D preg)	JMCMAR 23,519,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-1-OCTENYL)CYCLOPENTYL)- see: UK8020000

5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-1-OCTENYL)CYCLOPENTYL)-, (+-)- see: MJ9656000

MJ9656000 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-1-OCTENYL)CYCLOPENTYL)-, dl-
UPDT:8402 CAS: 23518-25-4 MW: 354.54 MOLFM: C20-H34-O5
SYN: 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-1-OCTENYL)CYCLOPENTYL)-, (+-)- * PGF2-alpha racemic mixt. * (+-)-PGF2-alpha * dl-PGF2-alpha * DL-PGF2-alpha * PROSTA-5,13-DIEN-1-OIC ACID, 9,11,15-TRIHYDROXY-, (5Z,9-alpha,11-alpha,13E,15S)-(+-)- (9CI) * PROSTAGLANDIN F2-alpha, racemic mixt. * dl-PROSTAGLANDIN F2-alpha * DL-PROSTAGLANDIN F2-alpha
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:32 mg/kg (4-7D preg)	JOENAK 53,201,72
2T24T25	scu-rat TDLo:20 mg/kg (4-7D preg)	PRGLBA 2,375,72
2T13T29	scu-mus TDLo:9 mg/kg (4-6D preg)	JRPFA4 28,451,72
1T29	orl-ham TDLo:36 mg/kg (4-6D preg)	JOENAK 53,201,72
1T25	scu-ham TDLo:600 ug/kg (4-6D preg)	JOENAK 53,201,72
1T29	scu-ham TDLo:400 ug/kg (4D preg)	JOENAK 53,201,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9656500 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-1-OCTENYL)CYCLOPENTYL)-, l-
UPDT:8312 MW: 354.54 MOLFM: C20-H34-O5
SYN: l-PGF2-alpha * l-PROSTAGLANDIN F2-alpha
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-rat TDLo:12800 ug/kg (4-7D preg)	ACEDAB 170,3,72
1T29	orl-ham TDLo:30 mg/kg (4-6D preg)	NATUAS 238,400,72
1T22	orl-ham TDLo:33600 ug/kg (4-6D preg)	ACEDAB 170,3,72
1T29	orl-ham TDLo:30 mg/kg (4-6D preg)	PRGLBA 2,375,72
1T22	scu-ham TDLo:300 ug/kg (4-6D preg)	ACEDAB 170,3,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-1-OCTENYL)CYCLOPENTYL)-, THAM see: UK8025000

MJ9669050 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXYOCTYL)CYCLOPENTYL)-
UPDT:8403 CAS: 27376-74-5 MW: 356.56 MOLFM: C20-H36-O5
SYN: 13,14-DIHYDRODINOPROST * 13,14-DIHYDRO-PGF2-alpha * 13,14-DIHYDROPROSTAGLANDIN F2-alpha * 7-(3,5-DIHYDROXY-2-(3-HYDROXYOCTYL)CYCLOPENTYL)-5-HEPTENOIC ACID * PROST-5-EN-1-OIC ACID, 9,11,15-TRIHYDROXY-, (5Z,9-alpha,11-alpha,15S)- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T14T29	ims-ctl TDLo:50 ug/kg (1D pre)	JRPFA4 67,203,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9669100 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-5-OXO-5-PHENYL-1-PENTENYL)CYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(Z),2-beta(1E,3S*),3-alpha,5-alpha))-
UPDT:8401 CAS: 62429-44-1 MW: 416.56 MOLFM: C24-H32-O6
SYN: 17-OXO-17-PHENYL-18,19,20-TRINOR-PGF2-alpha METHYL ESTER * 17-OXO-17-PHENYL-18,19,20-TRINORPROSTAGLANDIN F2-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	scu-rat TDLo:195 ug/kg (3-5D preg)	JMCMAR 23,519,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9669200 3-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-4-PHENOXY-1-BUTENYL)CYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(E or Z),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8401 MW: 404.55 MOLFM: C23-H32-O6
SYN: 16-PHENOXY-17,18,19,20-TETRANOR-3,4-trans,cis-DIDEHYDRO-PGF1-alpha METHYL ESTER * 16-PHENOXY-17,18,19,20-TETRANOR-3,4-trans,cis-DIDEHYDROPROSTAGLANDIN F1-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	scu-rat TDLo:195 ug/kg (3-5D preg)	JMCMAR 23,525,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9669300 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-4-PHENOXY-1-BUTENYL)CYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(E),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8401 CAS: 73275-73-7 MW: 404.55 MOLFM: C23-H32-O6
SYN: 16-PHENOXY-17,18,19,20-TETRANOR-5,6-trans-PGF1-alpha METHYL ESTER * 16-PHENOXY-17,18,19,20-TETRANOR-5,6-trans-PROSTAGLANDIN F1-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	scu-rat TDLo:390 ug/kg (3-5D preg)	JMCMAR 23,525,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9669400 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-4-PHENOXY-1-BUTENYL)CYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(Z),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT:8401 CAS: 54348-08-2 MW: 404.55 MOLFM: C23-H32-O6

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:39 ug/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9669700 2-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-4-(3-(TRIFLUOROMETHYL)PHENOXY)-1-BUTENYL) CYCLOPENTYL)-, (1R-(1-alpha(E),2-beta(1E,3S*),3-alpha,5-alpha))-
UPDT 8401 CAS: 73307-37-6 MW: 458.52 MOLFM: C23-H29-F3-O6
SYN: 16-(3-(TRIFLUOROMETHYL)PHENOXY)-17,18,19,20-TETRANOR-2,3-trans-DIDEHYDRO-PGF1-alpha
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:1950 ug/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9669800 2-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-4-(3-(TRIFLUOROMETHYL)PHENOXY)-1-BUTENYL) CYCLOPENTYL)-, (1R-(1-alpha(Z),2-beta(1E,3S*),3-alpha,5-alpha))-
UPDT 8401 CAS: 73307-38-7 MW: 458.52 MOLFM: C23-H29-F3-O6
SYN: 16-(3-(TRIFLUOROMETHYL)PHENOXY)-17,18,19,20-TETRANOR-2,3-cis-DIDEHYDRO-PGF1-alpha * 16-(3-(TRIFLUOROMETHYL)PHENOXY)-17,18,19,20-TETRANOR-2,3-cis-DIDEHYDROPROSTAGLANDIN F1-alpha
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:3900 ug/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9669900 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-4-(3-(TRIFLUOROMETHYL)PHENOXY)-1-BUTENYL) CYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(Z),2-beta(1E,3R*),3-alpha,5-alpha))-
UPDT 8401 CAS: 73275-76-0 MW: 472.55 MOLFM: C24-H31-F3-O6
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:78 ug/kg (3-5D preg) JMCMAR 23,525,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9670000 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-4-(3-(TRIFLUOROMETHYL)PHENOXY)-1-BUTENYL) CYCLOPENTYL)-, MONOSODIUM SALT, (1-alpha-(Z),2-beta-(1E,3R*),3-alpha,5-alpha)-(+ -)-
UPDT 8406 CAS: 55028-71-2 MW: 481.51 MOLFM: C23-H29-F3-O6 Na
SYN: EQUIMATE * FLUPROSTENOL * HOE 837V * ICI 81008
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T19 ivg-wmn TDLo:38400 ng/kg (2D pre) CCPTAY 22,383,80
1T16 ipr-rat TDLo:2700 ng/kg (20D preg) NATUAS 250,330,74
1T27 scu-rat TDLo:50 ug/kg (10D preg) PRGLBA 7,141,74
1T25 scu-rat TDLo:90 ug/kg (9D preg) NATUAS 250,330,74
1T24 scu-rat TDLo:270 ug/kg (5-6D preg) NATUAS 250,330,74
1T16 scu-rat TDLo:1800 ng/kg (20D preg) NATUAS 250,330,74
1T27 ims-rat TDLo:100 ug/kg (10D preg) PRGLBA 7,141,74
1T27 ivg-rat TDLo:50 ug/kg (8D preg) PRGLBA 7,141,74
3T14T27T29 ims-hor TDLo:500 ng/kg (35D preg) JANSAG 50,490,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9671000 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(2-(2-(PHENOXYMETHYL)-1,3-DIOXOLAN-2-YL)ETHENYL) CYCLOPENTYL)-, (1R-(1-alpha(Z),2-beta(E),3-alpha,5-alpha))-
UPDT 8401 CAS: 59619-81-7 MW: 432.56 MOLFM: C24-H32-O7
SYN: 15-DEOXY-15,15-ETHYLENEDIOXY-16-PHENOXY-17,18,19,20-TETRANOR-PGF2-alpha * 15-DEOXY-15,15-ETHYLENEDIOXY-16-PHENOXY-17,18,19,20-TETRANOR-PROSTAGLANDIN F2-alpha
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T27 scu-rat TDLo:600 ug/kg (4-7D preg) JMCMAR 21,443,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9671100 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(2-(2-(PHENOXYMETHYL)-1,3-DIOXOLAN-2-YL)ETHENYL) CYCLOPENTYL)-, BUTYL ESTER, (1R-(1-alpha(Z),2-beta(E),3-alpha,5-alpha))-
UPDT 8401 CAS: 66176-07-6 MW: 488.68 MOLFM: C28-H40-O7
SYN: 15-DEOXY-15,15-ETHYLENEDIOXY-16-PHENOXY-17,18,19,20-TETRANOR-PGF2-alpha n-BUTYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T27 scu-rat TDLo:200 ug/kg (4-7D preg) JMCMAR 21,443,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9671200 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(2-(2-(PHENOXYMETHYL)-1,3-DIOXOLAN-2-YL)ETHENYL) CYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(Z),2-beta(E),3-alpha,5-alpha))-
UPDT 8401 CAS: 59619-78-2 MW: 446.59 MOLFM: C25-H34-O7
SYN: 15-DEOXY-15,15-ETHYLENEDIOXY-16-PHENOXY-17,18,19,20-TETRANOR-PGF2-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T27 scu-rat TDLo:60 ug/kg (4-7D preg) JMCMAR 21,443,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9671300 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(2-(2-(PHENOXYMETHYL)-1,3-DIOXOLAN-2-YL)ETHYL) CYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(Z),2-beta,3-alpha,5-alpha))-
UPDT 8401 CAS: 66176-08-7 MW: 448.61 MOLFM: C25-H36-O7
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T27 scu-rat TDLo:600 ug/kg (4-7D preg) JMCMAR 21,443,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9671400 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(2-(2-(2-PHENYLETHYL)-1,3-DIOXOLAN-2-YL)ETHENYL) CYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(Z),2-beta(E),3-alpha,5-alpha))-
UPDT 8401 CAS: 66176-09-8 MW: 444.62 MOLFM: C26-H36-O6
SYN: 15-DEOXY-15,15-ETHYLENEDIOXY-17-PHENYL-18,19,20-TRINOR-PGF2-alpha METHYL ESTER * 15-DEOXY-15,15-ETHYLENEDIOXY-17-PHENYL-18,19,20-TRINORPROSTAGLANDIN F2-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T27 scu-rat TDLo:200 ug/kg (4-7D preg) JMCMAR 21,443,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9671500 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(2-(2-((3-TRIFLUOROMETHYLPHENOXY)METHYL)-1,3-DIOXOLAN- 2-YL)ETHENYL)CYCLOPENTYL)-, METHYL ESTER, (1R-(1-alpha(Z),2-beta(E),3-alpha,5-alpha))-
UPDT 8401 CAS: 66176-12-3 MW: 514.59 MOLFM: C26-H33-F3-O7
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T27 scu-rat TDLo:600 ug/kg (4-7D preg) JMCMAR 21,443,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9671600 5-HEPTENOIC ACID, 7-(5,5-DIMETHYL-3-HYDROXY-2-(3-HYDROXY-1-OCTENYL)CYCLOPENTYL)-
UPDT 8401 MW: 366.60 MOLFM: C22-H38-O4
SYN: 9-DEOXO-16,16-DIMETHYL-9-METHYLENE-PGE2 * 9-DEOXO-16,16-DIMETHYL-9-METHYLENEPROSTAGLANDIN E2 * 7-(5,5-DIMETHYL-3-HYDROXY-2-(3-HYDROXY-1-OCTENYL)CYCLOPENTYL)-5-HEPTENOIC ACID
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivn-wmn TDLo:60 ug/kg (16W preg) CCPTAY 22,153,80
1T13 ivg-wmn TDLo:3 mg/kg (16W preg) CCPTAY 22,153,80
1T27 ivg-wmn TDLo:800 ug/kg (13W preg) CCPTAY 22,153,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9671800 5-HEPTENOIC ACID, 7-(2-(6,7-DIMETHYL-3-HYDROXY-1-NONENYL)-3-HYDROXY-5-OXOCYCLOPENTYL)-
UPDT 8407 MW: 394.61 MOLFM: C23-H38-O5
SYN: 7-(2-(6,7-DIMETHYL-3-HYDROXY-1-NONENYL)-3-HYDROXY-5-OXOCYCLOPENTYL)-5-HEPTENOIC ACID * 18,19,20-TRIMETHYL-PGE2 * 18,19,20-TRIMETHYLPROSTAGLANDIN E2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 iut-mus TDLo:3152 ng/kg (4D preg) JRPFA4 63,365,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9672000 5-HEPTENOIC ACID, 7-(2-(4,4-DIMETHYL-3-HYDROXY-1-OCTENYL)-3-HYDROXY-5-METHYLENECYCLOPENTYL)-
UPDT 8405 MW: 378.61 MOLFM: C23-H38-O4
SYN: 9-DEOXO-16,16-DIMETHYL-9-METHYLENE PGE2 * 9-DEOXO-16,16-DIMETHYL-9-METHYLENE PROSTAGLANDIN E2 * 7-(2-(4,4-DIMETHYL-3-HYDROXY-1-OCTENYL)-3-HYDROXY-5-METHYLENECYCLOPENTYL)-5-HEPTENOIC ACID * PROSTA-5,13-DIEN-1-OIC ACID, 11,15-DIHYDROXY-16,16-DIMETHYL-9-METHYLENE-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T27 ivg-wmn TDLo:2100 ug/kg (31D preg) CCPTAY 24,45,81
1T27 ivg-wmn TDLo:600 ug/kg (11W preg) CCPTAY 27,51,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

5-HEPTENOIC ACID, 7-(2-(4,4-DIMETHYL-3-HYDROXY-1-OCTENYL)-3-HYDROXY-5-OXOCYCLOPENTYL)- see: UK7894000

MJ9673200 5-HEPTENOIC ACID, 7-(2-(4,4-DIMETHYL-3-HYDROXY-1-OCTENYL)-3-HYDROXY-5-OXOCYCLOPENTYL)-, METHYL ESTER
UPDT 8401 MW: 394.61 MOLFM: C23-H38-O5
SYN: 16,16-DIMETHYL-PGE2 METHYL ESTER * 16,16-DIMETHYLPROSTAGLANDIN E2 METHYL ESTER * PROSTA-5,13-DIEN-1-OIC ACID, 11,15-DIHYDROXY-16,16-DIMETHYL-9-OXO-, METHYL ESTER (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T27 orl-wmn TDLo:10 ug/kg (16W preg) PRGLBA 6,349,74
1T35 orl-wmn TDLo:12 ug/kg (30W preg) PRGLBA 6,349,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9675000 5-HEPTENOIC ACID, 7-(2-(4-(4-FLUOROPHENOXY)-3-HYDROXY-1-BUTENYL)-3,5-DIHYDROXYCYCLOPENTYL)- (1-alpha-(Z),2-beta-(1E,3S*),3-alpha,5-alpha)-
UPDT 8405 CAS: 40666-04-4 MW: 408.51 MOLFM: C22-H29-F-O6
SYN: ICI 79,939
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T16 ipr-rat TDLo:900 ng/kg (20D preg) NATUAS 250,330,74
1T24 scu-rat TDLo:135 ug/kg (5-6D preg) NATUAS 250,330,74
1T25 scu-rat TDLo:22 ug/kg (9D preg) NATUAS 250,330,74
1T16 scu-rat TDLo:900 ng/kg (20D preg) NATUAS 250,330,74
1T14 ims-pig TDLo:8 ug/kg (1D pre) JRPFA4 48,423,76
1T27 ims-dom TDLo:267 ng/kg (20W preg) JRPFA4 43,403,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9675500 5-HEPTENOIC ACID, 7-(3-HYDROXY-2-(3-HYDROXY-3-METHYL-1-OCTENYL)-5-OXOCYCLOPENTYL)-, METHYL ESTER
UPDT 8405 MW: 380.58 MOLFM: C22-H36-O5
SYN: 15-METHYL-PGE2 METHYL ESTER * (15S)-15-METHYL-PGE2 METHYL ESTER * 15-METHYL PROSTAGLANDIN E2 METHYL ESTER * (15S)-15-METHYLPROSTAGLANDIN E2 METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-ham TDLo:40 ug/kg (4D preg) JPETAB 186,67,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

5-HEPTENOIC ACID, 7-(3-HYDROXY-2-(3-HYDROXY-1-OCTENYL)-5-OXOCYCLOPENTYL)- see UK8000000

MJ9677000 5-HEPTENOIC ACID, 7-(3-HYDROXY-2-(3-HYDROXY-1-OCTENYL)-5-OXOCYCLOPENTYL)-, l-
UPDT 8306 MW: 352.52 MOLFM: C20-H32-O5
SYN: l-7-(3-HYDROXY-2-(3-HYDROXY-1-OCTENYL)-5-OXOCYCLOPENTYL)-5-HEPTENOIC ACID * l-PGE2 * l-PROSTAGLANDIN E2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:30 mg/kg (1-5D preg) PRGLBA 4,115,73
1T22 scu-rat TDLo:64 mg/kg (4-7D preg) ACEDAB 170,3,72
1T22 orl-ham TDLo:48 mg/kg (4-6D preg) ACEDAB 170,3,72
2T12T22 scu-ham TDLo:3600 ug/kg (4-6D preg) ACEDAB 170,3,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9678000 5-HEPTENOIC ACID, 7-(3-HYDROXY-2-(3-HYDROXY-1-OCTENYL)-5-OXOCYCLOPENTYL)-, METHYL ESTER, stereoisomer
UPDT 8401 CAS: 31753-17-0 MW: 366.55 MOLFM: C21-H34-O5
SYN: PGE2 METHYL ESTER * PROSTAGLANDIN E2 METHYL ESTER * (-)-PROSTAGLANDIN E2 METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-ham TDLo:2 mg/kg (4D preg) JPETAB 186,67,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9681040 5-HEPTENOIC ACID, 7-(5-HYDROXY-2-(3-HYDROXY-5-PHENYL-1-OCTENYL)-3-OXOCYCLOPENTYL)-
UPDT 8402 CAS: 85280-91-7 MW: 386.53 MOLFM: C23-H30-O5
SYN: 7-(5-HYDROXY-2-(3-HYDROXY-5-PHENYL-1-OCTENYL)-3-OXOCYCLOPENTYL)-5-HEPTENOIC ACID * 17-PHENYL-PGD2 * 17-PHENYL-18,19,20-TRINOR PGD2 * 17-PHENYL-18,19,20-TRINOR PROSTAGLANDIN D2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-ham TDLo:80 ug/kg (4D preg) JMCMAR 26,790,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MJ9681090 5-HEPTENOIC ACID, 7-(6-(3-HYDROXY-1-OCTENYL)-2-OXABICYCLO(2.2.1)HEPT-5-YL)-, (1R-(1-alpha, 4-alpha,5-beta(Z),6-alpha(1E,3S*)))-
UPDT 8306 CAS: 56985-40-1 MW: 350.55 MOLFM: C21-H34-O4
SYN: 9a,11a-METHANOEPOXY-15-HYDROXYPROSTA-5,13-DIENOIC ACID * U 46619
TOXICITY DATA AND REFERENCES:
2J22J30 ivn-mus LD50:66 ug/kg JPETAB 224,369,83

5-HEPTENOIC ACID, 7-(2-(3-HYDROXY-1-OCTENYL)-5-OXO-3-CYCLOPENTEN-1-YL)- see: UK8050000

MJ9682000 6-HEPTEN-2-OL, 6-METHYL-
UPDT 8305 CAS: 1335-09-7 MW: 128.24 MOLFM: C8-H16-O
SYN: METHYLHEPTENOL * 6-METHYL-6-HEPTEN-2-OL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,817,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MJ9700000 5-HEPTEN-2-ONE, 6-METHYL-
UPDT:8305 CAS: 409-02-9 MW: 126.22 MOLFM: C8-H14-O
SYN: METHYL HEPTENONE * 6-METHYL-5-HEPTEN-2-ONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 13,859,75
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3500 mg/kg FCTXAV 13,859,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
HEPTENOPHOS see: TB8545000
n-HEPTOIC ACID see: MJ1575000
MJ9850000 L-glycero-beta-L-gluco-HEPTOPYRANOSYLAMINE, 4-DEOXY-4-((((14-METHYL-1-OXOPENTADECYL)AMINO) ACETYL)AMINO)-N-1H-PURIN-6-YL-
UPDT:8309 CAS: 62362-59-8 MW: 621.88 MOLFM: C30-H51-N7-O7
SYN: NSC-65104 * SEPTACIDIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 ug/kg 85GDA2 5,303,81
* scu-mus LD02:3 mg/kg 85ERAY 2,1090,78
HEPTYL ACETATE see: AH9901000
n-HEPTYL ACETATE see: AH9901000
1-HEPTYL ACETATE see: AH9901000
HEPTYL ACRYLATE see: AT1412000
MK0350000 HEPTYL ALCOHOL
UPDT:8408 CAS: 111-70-6 MW: 116.23 MOLFM: C7-H16-O
SYN: ENANTHIC ALCOHOL * n-HEPTANOL * 1-HEPTANOL * 1-HYDROXYHEPTANE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3250 mg/kg JOCMA7 2,442,60
orl-mus LD50:1500 mg/kg GISAAA 31,16,66
* inl-mus LC50:6600 mg/kg 85GMAT -,72,82
orl-rbt LD50:750 mg/kg HYSAAV 31,310,66
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MK0400000 tert-HEPTYL ALCOHOL
UPDT:8408 CAS: 28929-86-4 MW: 116.23 MOLFM: C7-H16-O
SYN: tert-HEPTANOL (9CI)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:820 mg/kg 85GMAT -,72,82
* ivn-mus LD50:158 mg/kg AIPTAK 135,330,62
2-HEPTYLAMINE see: MQ5425000
MK0883000 HEPTYLAMINE, N-BUTYL-1-PHENYL-, HYDROCHLORIDE
UPDT:8406 MW: 283.93 MOLFM: C17-H29-N Cl-H
SYN: 1-n-BUTYLAMINO-1-PHENYLHEPTANE HYDROCHLORIDE * N-BUTYL-1-PHENYL-HEPTYLAMINE HYDROCHLORIDE * D-236
TOXICITY DATA AND REFERENCES:
2A11F13 ivn-mus LD50:15 mg/kg JAPMA8 46,58,57
MK0901500 HEPTYLAMINE, N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8303 MW: 179.77 MOLFM: C9-H21-N Cl-H
SYN: DIMETHYLHEPTYLAMINE CHLORHYDRATE (French) * N,N-DIMETHYLHEPTYLAMINE HYDROCHLORIDE * N,N-DIMETHYL-1-HEPTYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2000 mg/kg CHTPBA 1(1),11,65
MK1200000 2-HEPTYLAMINE, N-ISOPROPYL-6-METHYL-, HYDROCHLORIDE
UPDT:8303 MW: 207.83 MOLFM: C11-H25-N Cl-H
SYN: IPROHEPTINE HYDROCHLORIDE * N-ISOPROPYL-6-METHYL-2-HEPTYLAMINE HYDROCHLORIDE * 6-METHYL-N-(1-METHYLETHYL)-2-HEPTANAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:448 mg/kg NIIRDN 6,81,82
* scu-mus LD50:223 mg/kg NIIRDN 6,81,82
* ivn-mus LD50:31700 ug/kg NIIRDN 6,81,82
MK1260000 HEPTYLAMINE, N-METHYL-N-NITROSO-
UPDT:8401 CAS: 16338-99-1 MW: 158.28 MOLFM: C8-H18-N2-O
SYN: HEPTYLMETHYLNITROSAMINE * METHYLHEPTYLNITROSAMIN (German) * N-METHYL-N-NITROSOHEPTYLAMINE * N-NITROSO-N-METHYLHEPTYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate TCMUD8 1,295,80
TUMORIGENIC DATA AND REFERENCES:
2V03J60 scu-rat TDLo:4600 mg/kg/58W-I ZEKBAI 69,103,67
TOXICITY DATA AND REFERENCES:
scu-rat LD50:420 mg/kg ZEKBAI 69,103,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
8-HEPTYLBENZ(a)ANTHRACENE see: CW7600000
5-n-HEPTYLBENZ(1:2)BENZANTHRACENE see: CW7600000
gamma-HEPTYLBUTYROLACTONE see: YQ2485000
gamma-n-HEPTYLBUTYROLACTONE see: YQ2485000
HEPTYL CARBINOL see: RH6550000
alpha-HEPTYL CYCLOPENTANONE see: GY4950000
2-n-HEPTYL CYCLOPENTANONE see: GY4950000
HEPTYL FORMATE see: LQ8582000
HEPTYL HYDRIDE see: MI7700000
HEPTYL p-HYDROXYBENZOATE see: DH2202000
HEPTYL 4-HYDROXYBENZOATE see: DH2202000
2-HEPTYL-4-HYDROXYQUINOLINE N-OXIDE see: VC5890000
HEPTYLIC ACID see: MJ1575000
n-HEPTYLIC ACID see: MJ1575000
HEPTYLIDENE METHYL ANTHRANILATE see: CB3080000
n-HEPTYL METHANOATE see: LQ8582000
HEPTYLMETHYLNITROSAMINE see: MK1260000
1-HEPTYL-1-NITROSOUREA see: YT4379000
n-HEPTYL NITROSUREA see: YT4379000
4-(HEPTYLOXY)BENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DD3632000
o-(HEPTYLOXY)CARBANILIC ACID see: FD8942100 CARBANILIC ACID, o-(HEPTYLOXY)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER, HYDROCHLORIDE
m-HEPTYLOXYCARBANILIC ACID 2-(DIMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: FD8940500 see: FD8940400 CARBANILIC ACID, o-(HEPTYLOXY)-, 2-(DIETHYLAMINO)-1-METHYLETHYL ESTER,HYDROCHLORIDE
o-(HEPTYLOXY)CARBANILIC ACID 1-METHYL-2-PIPERIDINOETHYL ESTER HYDROCHLORIDE see: FD8942150CARBANILIC ACID, o-(HEPTYLOXY)-, 1-METHYL-2-PIPERIDINOETHYL ESTER, HYDROCHLORIDE
m-HEPTYLOXYCARBANILIC ACID, 2-PIPERIDINOETHYL ESTER HYDROCHLORIDE see: FD8942200
p-HEPTYLOXYCARBANILIC ACID, 2-PIPERIDINOETHYL ESTER HYDROCHLORIDE see: FD8942250
o-(HEPTYLOXY)CARBANILIC ACID 3-PIPERIDINOPROPYL ESTER HYDROCHLORIDE see: FD8942300CARBANILIC ACID, o-(HEPTYLOXY)-, 3-PIPERIDINOPROPYL ESTER, HYDROCHLORIDE
2-HEPTYLOXYCARBANILIC ACID 2-(1-PIPERIDINYL)ETHYL ESTER HYDROCHLORIDE see: FB1440000
o-(HEPTYLOXY)CARBANILIC ACID 3-(1-PYRROLIDINYL)PROPYL ESTER OXALATE (1:1) see: FD8942400CARBANILIC ACID, o-(HEPTYLOXY)-, 3-(1-PYRROLIDINYL)PROPYL ESTER, OXALATE (1:1)
4'-(HEPTYLOXY)-3-MORPHOLINOPROPIOPHENONE HYDROCHLORIDE see: UH1847000
4-(2-(p-(HEPTYLOXY)PHENOXY)ETHYL)MORPHOLINE HYDROCHLORIDE see: QE4820000
1-(2-(p-(HEPTYLOXY)PHENOXY)ETHYL)PIPERIDINE HYDROCHLORIDE see: TN0397000
(2-(HEPTYLOXY)PHENYL)CARBAMIC ACID 2-(1-PIPERIDINYL)ETHYL ESTER HYDROCHLORIDE see: FB1440000
N-(2-(HEPTYLOXYPHENYLCARBAMOYLOXY)ETHYL)PIPERIDINIUM CHLORIDE see: FB1440000
N-(2-(3-HEPTYLOXYPHENYLCARBAMOYLOXY)ETHYL)PIPERIDINIUM CHLORIDE see: FD8942200
N-(2-(4-HEPTYLOXYPHENYLCARBAMOYLOXY)ETHYL)PIPERIDINIUM CHLORIDE see: FD8942250
4'-(HEPTYLOXY)-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE see: UH1850000
4-HEPTYLOXY-beta-(1-PIPERIDYL)PROPIOPHENONE HYDROCHLORIDE see: UH1850000
o-(HEPTYLOXY)CARBANILIC ACID 2-(2,4-DIMETHYLPIPERIDINO)ETHYL ESTER HYDROCHLORIDE see: FD8942050 CARBANILIC ACID, o-(HEPTYLOXY)-, 2-(2,4-DIMETHYLPIPERIDINO)ETHYL ESTER,HYDROCHLORIDE
HEPTYL PARABEN see: DH2202000
5-HEPTYL-5-(2-PIPERIDINOETHYL)BARBITURIC ACID see: CQ7068300
5-HEPTYL-5-(2-PIPERIDINOETHYL)BARBITURIC ACID HYDROCHLORIDE see: CQ7068310
HEPTYLPRALIDOXIME see: UU4830000
n-HEPTYL-delta-VALEROLACTONE see: UQ0850000
HEPZIDE see: YT3500000
HEPZIDE 30 see: YT3500000
HER. 5727 see: FB7875000
MK2820000 HERACLEUM CANDICANS Wall., extract
DEF:Indian plant belonging to the family UMBELLIFERAE (IJEBA6 6,232,68)
UPDT:8305
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:700 mg/kg IJEBA6 6,232,68
MK2830000 HERACLEUM RAPULA Franch, root extract
DEF:Active ingredients include OSTHOL and IMPERATORIN (CTYAD8 12,20,81)
UPDT:8412
TOXICITY DATA AND REFERENCES:
3F13G30J25 orl-mus LD50:1690 mg/kg CTYAD8 12,20,81
HERB of ADONIS VERNALIS L. see: AV3750000
HERBADOX see: BX5470000
HERB-ALL see: PA2625000
MK2950000 HERBAL 'SLIMMING TABLETS'
DEF:Tablets consist of Ext. sacred bark gr. 1/6 (10 mg.), P. podophyllin gr. 1/2 (30 mg.) Ext. fuci gr. 1/3 (20 mg.), and Ext. boldea fragrans gr. 1 1/2 (100 mg.) (LANCAO 2,511,62)
UPDT:8305
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T42T44T46 orl-wmn TDLo:480 mg/kg (5-9W preg) LANCAO 2,511,62
1T47 orl-wmn TDLo:480 mg/kg (5-9W preg) LANCAO 2,511,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
HERBAN see: YT4550000
HERBAN M see: PA2625000
HERBATOX see: YS8925000
HERBAX TECHNICAL see: UE4900000
HERBAXON see: DW2275000
HERBAZIN see: XY5250000
HERBAZIN 50 see: XY5250000
HERBAZOLIN see: AF9700000
HERBESSER see: DL0310000
HERBEX see: XY5250000
HERBICIDE 82 see: YQ9275000
HERBICIDE 273 see: RN8225000
HERBICIDE 326 see: YS9100000
HERBICIDE 976 see: YQ9100000
HERBICIDE C-2059 see: YT1575000
HERBICIDE M see: AG1575000
HERBICIDES, MONURON see: YS6300000
HERBICIDES, SILVEX see: UF8225000
HERBICIDIN-A see: LV2630000
MK3765000 HERBICIDIN B
UPDT:8309 CAS: 55353-32-7
SYN: HERBICIDINE B
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg 85GDA2 5,306,81
HERBICIDINE B see: MK3765000
HERBIDAL see: AG6825000
HERBIDAL TOTAL see: XZ3850000
MK3830000 HERBIMYCIN
UPDT:8308 CAS: 70563-58-5 MW: 574.74 MOLFM: C30-H42-N2-O9
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:19 mg/kg JANTAJ 32,255,79
HERBISAN see: LQ7700000
HERBIT see: AG2650000
HERBITOX see: SE7555000
HERBITOX see: AF9700000
HERBIZOLE see: XZ3850000
HERBOGIL see: SK0160000
HERBOXONE see: DW2275000
HERBOXY see: XY5250000
HERCOFLAT 135 see: UD1842000
HERCOFLEX 260 see: TI0350000
HERCO PRILLS see: BR9050000
HERCOTUF 110A see: UD1842000
HERCOTUF PB 681 see: UD1842000
HERCULES 528 see: TE3350000
HERCULES 3004 see: TC1257000
HERCULES 3895 see: TC0845000
HERCULES 3956 see: XW5250000
HERCULES 4580 see: AI6825000
HERCULES 5727 see: FB7875000
HERCULES 6523 see: UD1842000
HERCULES 7522 see: FB5649900
HERCULES 7531 see: YT4550000
HERCULES 8717 see: FC7350000
HERCULES 9699 see: FC7525000
HERCULES 13842 see: TF0570000
HERCULES 13843 see: TD7750000
HERCULES 14469 see: FB3750000
HERCULES 14503 see: TD3165000
HERCULES 14504 see: TE0630000
HERCULES 22234 see: MB9200000
HERCULES 8148-A see: TD8270000
HERCULES AC528 see: TE3350000
HERCULES AC 5727 see: FB7875000
HERCULES 6286-B see: TD8420000
HERCULES 11771-C see: FC6210000
HERCULES 7846-D see: TD8300000
HERCULES P6 see: RZ2490000
HERCULES TOXAPHENE see: XW5250000
HERCULON see: UD1842000

MK5230000 HERITIERA LITTORALIS Dryand, extract excluding roots
DEF:Indian plant belonging to the family STERCULIACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 18,594,80

MK5231000 HERITIERA MINOR Lamk., extract excluding roots
DEF:Indian plant belonging to the family STERCULIACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2H30N22 ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

HERKAL see: TC0350000
HERKOL see: TC0350000
HERMAL see: JO1400000
HERMALONE see: BV8058500
HERMAT TMT see: JO1400000
HERMAT ZDM see: ZH0525000
HERMAT Zn-MBT see: DL7000000
HERMESFTAS see: DE4200000
HEROIEN see: QC8050000
HEROINN see: QC8050000
HEROIN see: QC8050000
HEROLAN see: QC8050000
HEROPON see: SH5075000
HERPERAL see: WZ7110000
HERPESIL see: YU7700000

MK6251200 HERPESTIS MONNIERA Linn., crude extract
UPDT:8412
TOXICITY DATA AND REFERENCES:
3F05F17J25 ipr-rat LD50:331 mg/kg IJMRAQ 47,294,59
3F05F17J25 par-frg LD50:431 mg/kg IJMRAQ 47,294,59

MK6251300 HERPESTIS MONNIERA Linn., GLYCOSIDE-SAPONIN PRINCIPLE
UPDT:8412 MW: 234.28 MOLFM: C10-H18-O6
TOXICITY DATA AND REFERENCES:
3F07F29L03 ipr-rat LD50:25100 ug/kg IJMRAQ 47,294,59
3F05F17F18 ivn-gpg LDLo:25 mg/kg IJMRAQ 47,294,59

MK6251400 HERPETOSPERMUM PEDUNCULOSUS (Ser.) Clarke, extract
DEF:Indian plant belonging to the family CUCURBITACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: BANKAKRI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

HERPIDU see: YU7700000
HERPLEX see: YU7700000
HERPLEX LIQUIFILM see: YU7700000
HERYL see: JO1400000
HERZO see: UK6650000
HERZO PROSCILLAN see: UK6650000
HES see: WI0410000
HESOFEN see: SC4900000
HESPANDER see: WI0410000
HESPANDER INJECTION see: WI0410000

MK6465000 HESPERENTHUSA CRENULATA (Roxb.) M. Roem., stem extract
DEF:Indian plant belonging to the family RUTACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: BELI STEM EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:50 mg/kg IJEBA6 7,250,69

HESPERETIN, 7-(6-O-(6-DEOXY-alpha-L-MANNOPYRANOSYL)-beta-D-GLUCOPYRANOSIDE) see: MK6650000

MK6650000 HESPERIDIN
UPDT:8309 CAS: 520-26-3 MW: 610.62 MOLFM: C28-H34-O15
SYN: CIRANTIN * GLUCOPYRANOSIDE, HESPERETIN-7 6-O-(6-DEOXY-alpha-L-MANNOPYRANOSYL)-, beta-D- * HESPERETIN 7-(6-O-(6-DEOXY-alpha-L-MANNOPYRANOSYL)-beta-D-GLUCOPYRANOSIDE) * HESPERIDOSIDE * HESPERITIN-7-RHAMNOGLUCOSIDE * USAF CF-3
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1000 mg/kg NTIS** AD277-689
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HESPERIDIN, phosphorylated see: LK6908000
HESPERIDIN METHYLCHALCONE see: FL7085000
HESPERIDOSIDE see: MK6650000
HESPERITIN-7-RHAMNOGLUCOSIDE see: MK6650000
HESTRIUM CHLORIDE see: BQ8650000
HET see: XF1575000
HETAFLUR see: MM1120200
HETAMIDE ML see: JR1925000
HETAMINE see: SI1400000
HETAPHENONE see: UH0350000
HETEROAUXIN see: NL3150000
HETEROFOS see: TG1370000
HETEROMETRUS SCABER VENOM see: YX4183640
HETERONIUM BROMIDE see: UY4550000
HETEROPHOS see: TG1370000
HETEROPNEUSTES FOSSILIS VENOM see: YX4179980
HETOLIN see: TM1925000
HETP see: XF1575000
HETRAMINE HYDROCHLORIDE see: UV7000000
HETRAZAN see: TL1225000
HETRUM BROMIDE see: UY4550000
HEUMUNDULATUM see: VJ0585600
HEV-4 see: GF9180000
HEXA see: GV3150000
HEXA see: GV4900000
HEXAAQUACHROMIUM CHLORIDE see: GB5450000
HEXAAQUACHROMIUM (III) CHLORIDE see: GB5450000
HEXA(1-AZIRIDINYL)TRIPHOSPHOTRIAZINE see: XX9450000
HEXABALM see: SM0700000
HEXABARBITAL see: CQ2625000
HEXABENZOBENZENE see: GM5400000
HEXABETALIN see: UV1350000
HEXABIONE HYDROCHLORIDE see: UV1350000
HEXABROMOBIPHENYL see: DV5330000
HEXABROMOBIPHENYL (technical grade) see: LK5060000
2,4,5,2',4',5'-HEXABROMOBIPHENYL see: LK5065000
HEXABUTYLDISTANNOXANE see: JN8750000
HEXABUTYLDISTANNTHIANE see: JN8830000
1,1,1,3,3,3-HEXABUTYLDISTANNTHIANE see: JN8830000
HEXABUTYLDITIN see: JN8750000
HEXACAP see: GW5075000
HEXACARBONYL CHROMIUM see: GB5075000
HEXA C.B. see: DA2975000
HEXACERT BLUE No. 2 see: DU3000000
HEXACERT RED NO. 2 see: QJ6550000
HEXACERT RED NO. 3 see: LM5950000
HEXACERT YELLOW NO. 5 see: UQ6400000
HEXACHLOR see: GV3150000
gamma-HEXACHLOR see: GV4900000
HEXACHLOR-AETHAN (German) see: KI4025000
HEXACHLORAN see: GV4900000
HEXACHLORAN see: GV3150000
alpha-HEXACHLORAN see: GV3500000
gamma-HEXACHLORAN see: GV4900000
HEXACHLORANE see: GV4900000
alpha-HEXACHLORANE see: GV3500000
gamma-HEXACHLORANE see: GV4900000
HEXACHLORBENZOL (German) see: DA2975000
HEXACHLOR-1,3-BUTADIEN (Czech) see: EJ0700000
HEXACHLORBUTADIENE see: EJ0700000
alpha-HEXACHLORCYCLOHEXANE see: GV3500000
HEXACHLORCYKLOPENTADIEN (Czech) see: GY1225000
HEXACHLOROACETONE see: UC2100000
HEXACHLOROACETONE (DOT) see: UC2100000
HEXACHLOROBENZENE see: DA2975000
beta-HEXACHLOROBENZENE see: GV4375000
gamma-HEXACHLOROBENZENE see: GV4900000
HEXACHLOROBENZENE (DOT) see: DA2975000
1,2,3,4,7,7-HEXACHLOROBICYCLO(2.2.1)HEPTEN-5,6-BIOXYMETHYLENESULFITE see: RB9275000
alpha,beta-1,2,3,4,7,7-HEXACHLOROBICYCLO(2.2.1)-2-HEPTENE-5,6-BISOXYMETHYLENE SULFITE see: RB9275000
1,4,5,6,7,7-HEXACHLOROBICYCLO(2.2.1)HEPTENE-2,3-DICARBOXIMIDE see: RB8630000
2,2',3,3',6,6'-HEXACHLORO-1,1'-BIPHENYL see: DV5359000
2,2',4,4'5,5'-HEXACHLOROBIPHENYL see: DV5350000
2,2',4,4',5,5'-HEXACHLORO-1,1'-BIPHENYL (9CI) see: DV5350000
2,4,5,2',4',5'-HEXACHLOROBIPHENYL see: DV5350000
2,3,6,2',3',6'-HEXACHLOROBIPHENYL see: DV5359000
HEXACHLOROBUTADIENE see: EJ0700000
1,3-HEXACHLOROBUTADIENE see: EJ0700000
1,1,2,3,4,4-HEXACHLORO-1,3-BUTADIENE see: EJ0700000
HEXACHLOROBUTADIENE (DOT) see: EJ0700000
HEXACHLOROCYCLOHEXANE see: GV3150000
alpha-HEXACHLOROCYCLOHEXANE see: GV3500000
beta-HEXACHLOROCYCLOHEXANE see: GV4375000
gamma-HEXACHLOROCYCLOHEXANE see: GV4900000
1-alpha,2-alpha,3-beta,4-alpha,5-alpha,6-beta-HEXACHLOROCYCLOHEXANE see: GV4900000
1-alpha,2-alpha,3-beta,4-alpha,5-beta,6-beta-HEXACHLOROCYCLOHEXANE see: GV3500000
1-alpha,2-beta,3-alpha,4-beta,5-alpha,6-beta-HEXACHLOROCYCLOHEXANE see: GV4375000
alpha-1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE see: GV3500000
beta-1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE see: GV4375000
gamma-1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE see: GV4900000
1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE see: GV3150000
1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE see: GV4900000
1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE (mixture of isomers) see: GV4950000
delta-HEXACHLOROCYCLOHEXANE mixed with epsilon-HEXACHLOROCYCLOHEXANE see: GV3110000
HEXACHLOROCYCLOHEXANE, gamma-ISOMER see: GV4900000
1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE, gamma-ISOMER see: GV4900000
HEXACHLOROCYCLOPENTADIENE see: GY1225000
HEXACHLOROCYCLOPENTADIENE (DOT) see: GY1225000
HEXACHLOROCYCLOPENTADIENE DIMER see: PC8225000
1,2,3,4,5,5-HEXACHLORO-1,3-CYCLOPENTADIENE DIMER see: PC8225000
HEXACHLORODIBENZO-p-DIOXIN see: HP3200000
1,2,3,4,7,8-HEXACHLORODIBENZO-p-DIOXIN see: HP3280000
1,2,3,6,7,8-HEXACHLORODIBENZO-p-DIOXIN see: HP3200000
1,2,3,6,7,9-HEXACHLORODIBENZODIOXIN see: HP3290000
1,2,3,6,7,9-HEXACHLORODIBENZO-para-DIOXIN see: HP3290000
1,2,3,7,8,9-HEXACHLORODIBENZO-p-DIOXIN see: HP3310000
1,2,4,6,7,9-HEXACHLORODIBENZODIOXIN see: HP3313000
1,2,4,6,7,9-HEXACHLORODIBENZO-para-DIOXIN see: HP3313000
1,2,3,6,7,8-HEXACHLORODIBENZO-p-DIOXIN mixed with 1,2,3,7,8,9-HEXACHLORODIBENZO-p-DIOXIN see: HP3315000
1,2,3,7,8,9-HEXACHLORODIBENZO-p-DIOXIN mixed with 1,2,3,6,7,8-HEXACHLORODIBENZO-p-DIOXIN see: HP3315000
1,1,1,3,3,3-HEXACHLORO-2,2-DIFLUOROPROPANE see: TY1050000
2,2',3,3',5,5'-HEXACHLORO-6,6'-DIHYDROXYDIPHENYLMETHANE see: SM0700000
HEXACHLORO DIPHENYL OXIDE see: KO0875000
HEXACHLOROEPOXYOCTAHYDRO-endo,endo-DIMETHANONAPHTHALENE see: IO1575000
HEXACHLOROEPOXYOCTAHYDRO-endo,exo-DIMETHANONAPHTHALENE see: IO1750000
HEXACHLOROETHANE see: KI4025000
1,1,1,2,2,2-HEXACHLOROETHANE see: KI4025000
HEXACHLOROETHANE (DOT) see: KI4025000
HEXACHLOROETHYLENE see: KI4025000
HEXACHLOROFEN (Czech) see: SM0700000
HEXACHLOROHEXAHYDRO-endo-exo-DIMETHANONAPHTHALENE see: IO2100000
1,2,3,4,10,10-HEXACHLORO-1,4,4a,5,8,8a-HEXAHYDRO-1,4,5,8-DIMETHANONAPHTHALENE see: IO2100000
1,2,3,4,10,10-HEXACHLORO-1,4,4a,5,8,8a-HEXAHYDRO-1,4:5,8-endo-endo-DIMETHANONAPHTHALENE see: IO1925000
1,2,3,4,10,10-HEXACHLORO-1,4,4a,5,8,8a-HEXAHYDRO-1,4-endo,endo-5,8-DIMETHANONAPHTHALENE see: IO1925000
1,2,3,4,10,10-HEXACHLORO-1,4,4a,5,8,8a-HEXAHYDRO-1,4-endo-exo-5,8-DIMETHANONAPHTHALENE see: IO2100000
1,2,3,4,10,10-HEXACHLORO-1,4,4a,5,8,8a-HEXAHYDRO-exo-1,4-endo-5,8-DIMETHANONAPHTHALENE see: IO2100000
5,6,7,8,9,9-HEXACHLORO-1,4,4a,5,8,8a-HEXAHYDRO-1,4:5,8-DIMETHANOPHTHALAZINE 2-OXIDE see: IO2275000
HEXACHLOROHEXAHYDROMETHANO 2,4,3-BENZODIOXATHIEPIN-3-OXIDE see: RB9275000
6,7,8,9,10,10-HEXACHLORO-1,5,5a,6,9,9a-HEXAHYDRO-6,9-METHANO-2,4,3-BENZODIOXATHIEPIN-3-OXIDE see: RB9275000
2',3,4',5,5',6-HEXACHLORO-2-HYDROXYBENZENESULFONANILIDE see: DB3860000
HEXACHLORONAPHTHALENE see: QJ7350000
1,4,5,6,7,7-HEXACHLORO-5-NORBORNENE-2,3-DICARBOXIMIDE see: RB8630000
1,4,5,6,7,7-HEXACHLORO-5-NORBORNENE-2,3-DIMETHANOL cyclic SULFITE see: RB9275000
3,4,5,6,9,9-HEXACHLORO-1a,2,2a,3,6,6a,7,7a-OCTAHYDRO-2,7:3,6-DIMETHANONAPHTH(2,3-b)OXIRENE see: IO1575000
3,4,5,6,9,9-HEXACHLORO-1a,2,2a,3,6,6a,7,7a-OCTAHYDRO-2,7:3,6-DIMETHANONAPHTH(2,3-b)OXIRENE see: IO1750000
HEXACHLOROPHANE see: SM0700000
HEXACHLOROPHEN see: SM0700000
HEXACHLOROPHENE see: SM0700000
HEXACHLOROPHENE see: SM0750000

HEXACHLOROPHENE (DOT) see: SM0700000
HEXACHLOROPLATINIC ACID see: TP1500000
HEXACHLOROPLATINIC (IV) ACID see: TP1500000
HEXACHLOROPLATINIC(4+) ACID, HYDROGEN- see: TP1500000
HEXACHLORO-2-PROPANONE see: UC2100000
1,1,1,3,3,3-HEXACHLORO-2-PROPANONE see: UC2100000
HEXACHLOROPROPENE see: UD0175000
HEXACHLOROPROPYLENE see: UD0175000
HEXACID 698 see: MO5250000
HEXACID 898 see: RH0175000
HEXACID 1095 see: HD9100000
HEXACID C-7 see: MJ1575000
HEXACID C-9 see: RA6650000
HEXACILLIN see: XI0185000
HEXACO BLUE VRS see: BP6830000
HEXACOL AMARANTH B EXTRA see: QJ6550000
HEXACOL BLACK PN see: QJ5950000
HEXACOL BLUE VRS see: BP6830000
HEXACOL BRILLIANT BLUE A see: BQ4725000
HEXACOL CARMOISINE see: QK1925000
HEXACOL CARMOISINE CONC. see: QK1925000
HEXACOL CHOCOLATE BROWN HT see: QK1575000
HEXACOL ERYTHROSINE BS see: LM5950000
HEXACOL GREEN S see: BQ1150000
HEXACOL INDIGO CARMINE SUPRA see: DU3000000
HEXACOL OIL ORANGE SS see: QL5425000
HEXACOL ORANGE GG CRYSTALS see: QJ6500000
HEXACOL PONCEAU MX see: QJ6825000
HEXACOL PONCEAU 2R see: QJ6825000
HEXACOL PONCEAU 4R see: QJ6530000
HEXACOL PONCEAU SX see: QK2705000
HEXACOL RED 2G see: QJ6030000
HEXACOL RHODAMINE B EXTRA see: BP3675000
HEXACOL SUNSET YELLOW FCF see: QK2450000
HEXACOL SUNSET YELLOW FCF SUPRA see: QK2450000
HEXACOL SUNSET YELLOW FCP see: QK2450000
HEXACOL SUNSET YELLOW F & F SUPRA see: QK2450000
HEXACOL TARTRAZINE see: UQ6400000
HEXACOSE see: MM3325000
HEXADECADROL see: TU3980000
1,1'-HEXADECAMETHYLENEBIS(1,4-DIETHYLPIPERAZINIUM BROMIDE) see: TM3395100
4,4'-HEXADECAMETHYLENEBIS(1,1-DIMETHYLPIPERAZINIUM IODIDE) see: TM3395130
4,4'-HEXADECAMETHYLENEBIS(1-ETHYL 1-METHYLPIPERAZINIUM IODIDE) see: TM3395150

ML9100000 1-HEXADECANAMINE
UPDT:8408 CAS: 143-27-1 MW: 241.52 MOLFM: C16-H35-N
SYN: ALAMINE 6 * ARMEEN 16D * CETYLAMIN (German) * CETYLAMINE * n-HEXADECYLAMINE * PALMITYLAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T59 orl-mus TDLo:40 mg/kg (9D preg) DZZEA7 32,861,77
2T25T59 ipr-mus TDLo:10 mg/kg (9D preg) DZZEA7 32,861,77
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:200 mg/kg NTIS** AD691-490
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1-HEXADECANAMINE, HYDROFLUORIDE (9CI) see: MM1120200
1-HEXADECANAMINIUM, N-ETHYL-N,N-DIMETHYL-, BROMIDE (9CI) see: BP5425000
1-HEXADECANAMINIUM, N,N,N-TRIMETHYL-, BROMIDE see: BQ7875000

ML9450000 HEXADECANE, 1,2-EPOXY-
UPDT:8412 CAS: 7320-37-8 MW: 240.48 MOLFM: C16-H32-O
SYN: 1,2-EPOXYHEXADECANE * HEXADECENE EPOXIDE * NCI-C55538
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:53 gm/kg/44W-I JNCIAM 39,1217,67
3V03J60P62 unk-mus TDLo:240 mg/kg RARSAM 3,193,63
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
HEXADECANOIC ACID see: RT4550000
HEXADECANOIC ACID, 2-ETHYLHEXYL ESTER (9CI) see: RT4740000
HEXADECANOIC ACID, ISOPROPYL ESTER see: RT4900000

ML9850000 HEXADECANOIC ACID, 9,10,16-TRIHYDROXY-
UPDT:8403 CAS: 533-87-9 MW: 304.48 MOLFM: C16-H32-O5
SYN: ALEURITIC ACID, tech * DL-erythro-9,10,16-TRIHYDROXYHEXADECANOIC ACID * HEXADECANOIC ACID, 9,10,16-TRIHYDROXY-, erythro-, DL- * 8,9,15-TRIHYDROXYPENTADECANE-1-CARBOXYLIC ACID * 9,10,16-TRIHYDROXYHEXADECANOIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:178 mg/kg CSLNX* NX#00691
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
HEXADECANOIC ACID, 9,10,16-TRIHYDROXY-, erythro-, DL- see: ML9850000
HEXADECANOL see: MM0225000
n-HEXADECANOL see: MM0225000
HEXADECAN-1-OL see: MM0225000

MM0225000 1-HEXADECANOL
UPDT:8403 CAS: 36653-82-4 MW: 242.50 MOLFM: C16-H34-O
SYN: ADOL * ADOL 52 * ADOL 54 * ADOL 520 * ALCOHOL C-16 * ATALCO C * CACHALOT C-50 * CACHALOT C-51 * CACHALOT C-52 * CETAFFINE * CETAL * CETALOL CA * CETYL ALCOHOL * CETYLIC ALCOHOL * CETYLOL * CO-1670 * CO-1695 * CRODACOL-CAS * CRODACOL-CAT * CYCLAL CETYL ALCOHOL * DYTOL F-11 * EPAL 16NF * ETHAL * ETHOL * HEXADECANOL * n-HEXADECANOL * HEXADECAN-1-OL * HEXADECYL ALCOHOL * n-HEXADECYL ALCOHOL * LOROL 24 * LOXANOL K * LOXANOL K EXTRA * PALMITYL ALCOHOL * PRODUCT 308
IRRITATION DATA AND REFERENCES:
skn-hmn 75 mg/3D-I MLD 85DKA8 -,127,77
skn-rbt 2600 mg/kg/24H MLD AIHAAP 34,493,73
eye-rbt E2 mg MLD AIHAAP 34,493,73
skn-gpg 100% MLD FCTXAV 16,683,78
TOXICITY DATA AND REFERENCES:
2K12R03 orl-rat LD50:6400 mg/kg FCTXAV 16,683,78
2K12R03 ipr-rat LD50:1600 mg/kg FCTXAV 16,683,78
* orl-mus LD50:3200 mg/kg FCTXAV 16,683,78
* ipr-mus LD50:1600 mg/kg FCTXAV 16,683,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MM0225200 1-HEXADECANOL, ACETATE
UPDT:8412 CAS: 629-70-9 MW: 284.54 MOLFM: C18-H36-O2
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 21,663,83
1,16-HEXADECANOLACTONE see: RN9730000

MM0225700 1-HEXADECANOL, HYDROGEN SULFATE, SODIUM SALT
UPDT:8405 CAS: 1120-01-0 MW: 344.54 MOLFM: C16-H33-O4-S .Na
SYN: AVITEX C * AVITEX SF * CETYL SODIUM SULFATE * CETYL SULFATE SODIUM SALT * CONCO SULFATE C * HEXADECYL SODIUM SULFATE * NIKKOL S.C.S * SHS * SODIUM CETYL SULFATE * SODIUM HEXADECYL SULFATE * SODIUM MONOHEXADECYL SULFATE * SODIUM PALMITYL SULFATE * TERGITOL ANIONIC 7
TOXICITY DATA AND REFERENCES:
3F07F17H05 ipr-mus LD50:356 mg/kg JAPMAB 42,283,53
HEXADECANOLIDE see: RN9730000

MM0330000 2,6,10,14-HEXADECATETRAEN-1-OL, 7-(HYDROXYMETHYL)-3,11,15-TRIMETHYL-, (E,Z,E)-
UPDT:8306 MW: 306.54 MOLFM: C20-H34-O2
SYN: CS-684 * (E,Z,E)-7-HYDROXYMETHYL-3,11,15-TRIMETHYL-2,6,10,14-HEXADECATETRAEN-1-OL
TOXICITY DATA AND REFERENCES:
3F19J25K12 orl-rat LD50:8100 mg/kg OYYAA2 24,599,82
3F19J25K12 orl-mus LD50:10900 mg/kg OYYAA2 24,599,82
HEXADECENE EPOXIDE see: ML9450000

MM0525000 10-HEXADECENOIC, 5-((4-(DIMETHYLAMINO)TETRAHYDRO-3-HYDROXY-4-METHYL-5-((TETRAHYDRO- 4,5-DIHYDROXY-4,6-DIMETHYLPYRAN-2-YL)OXY)-PYRAN-2-YL)OXY)-12,13-EPOXY-6-(FORMYLEMTHYL)- 3,15-DIHYDROXY-4-METHOXY-8-METHYL-9-OXO-,omega-LACTONE, ACETATE, ISOVALERATE
UPDT:8407 CAS: 4564-87-8 MW: 842.10 MOLFM: C42-H67-N-O16
SYN: CARBOMYCIN * CARBOMYCIN A * DELTAMYCIN A * 9-DEOXY-12,13-EPOXY-9-OXOLEUCOMYCIN V 3-ACETATE 4(sup B)-(3-METHYLBUTANOATE) * LEUCOMYCIN V, 9-DEOXY-12,13-EPOXY-9-OXO-, 3-ACETATE 4(sup B)-(3-METHYLBUTANOATE) * M-4209 * MAGNAMYCIN * MAGNAMYCIN A
TOXICITY DATA AND REFERENCES:
scu-mus LD50:295 mg/kg ANTCAO 3,55,53
* ivn-mus LD50:550 mg/kg MEIEDD 10,250,83
ims-mus LD50:1000 mg/kg ANTCAO 3,55,53
ivn-rbt LD50:700 mg/kg ANTCAO 3,55,53
2-HEXADECEN-1-OL, 3,7,11,15-TETRAMETHYL-, (R-(R*,R*-(E)))- (9CI) see: TJ3490000
n-HEXADECOIC ACID see: RT4550000
HEXADECYL ALCOHOL see: MM0225000
n-HEXADECYL ALCOHOL see: MM0225000
n-HEXADECYLAMINE see: ML9100000

MM0900000 HEXADECYLAMINE, N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8303 CAS: 2016-45-7 MW: 306.04 MOLFM: C18-H39-N .Cl-H
SYN: DIMETHYLHEXADECYLAMINE CHLORHYDRATE (French) * N,N-DIMETHYLHEXADECYLAMINE HYDROCHLORIDE * N,N-DIMETHYL-1-HEXADECYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:950 mg/kg CHTPBA 1(1),11,65

MM1120200 HEXADECYLAMINE, HYDROFLUORIDE
UPDT:8408 CAS: 3151-59-5 MW: 261.53 MOLFM: C16-H35-N .F-H
SYN: CETYLAMINE-HF * CETYLAMINE HYDROFLUORIDE * CETYLAMINHYDROFLUORID (German) * GA 242 * HETAFLUR * 1-HEXADECANAMINE, HYDROFLUORIDE (9CI) * SKF 2208K
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T59 orl-mus TDLo:40 mg/kg (9D preg) DZZEA7 32,861,77
2T25T59 ipr-mus TDLo:2500 ug/kg (9D preg) DZZEA7 32,861,77
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:45246 ug/kg DZZEA7 35,1070,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MM1120500 HEXADECYLAMINE, TRIFLUOROSTANNITE
UPDT:7902 MW: 418.22 MOLFM: C16-H35-N .F3-H-Sn
SYN: TRIFLUOROSTANNITE OF HEXADECYLAMINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg CSLNX* NX#04259
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
7-(2-(HEXADECYLAMINO)ETHYL)THEOPHYLLINE see: XH5650000
HEXADECYL CYCLOPROPANECARBOXYLATE see: GZ2010000
4-HEXADECYL-3-(2,4-DIMETHYL-5-CARBOETHOXYPYRROLYL-3)-PYRAZOLONE-5 see: UX9359400
HEXADECYLIC ACID see: RT4550000
HEXADECYLMALEINAN DI-n-BUTYLCINICITY (Czech) see: XQ0525000
rac-1-HEXADECYL/OCTADECYL-1yso-2-GLYCEROPHOSPHOCHOLINE see: GA4028000
N-HEXADECYLPYRIDINIUM see: UU4845000
HEXADECYLPYRIDINIUM CHLORIDE see: UU4900000
n-HEXADECYLPYRIDINIUM CHLORIDE see: UU4900000
1-HEXADECYLPYRIDINIUM CHLORIDE see: UU4900000
1-HEXADECYLPYRIDINIUM CHLORIDE MONOHYDRATE see: UU5075000
HEXADECYL SODIUM SULFATE see: MM0225700
HEXADECYLTRICHLOROSILANE see: VV4260000
HEXADECYLTRICHLOROSILANE (DOT) see: VV4260000
HEXADECYLTRIMETHYLAMMONIUM BROMIDE see: BQ7875000
n-HEXADECYLTRIMETHYLAMMONIUM BROMIDE see: BQ7875000
N-HEXADECYL-N,N,N-TRIMETHYLAMMONIUM BROMIDE see: BQ7875000
(1-HEXADECYL)TRIMETHYLAMMONIUM BROMIDE see: BQ7875000
HEXADENOL see: MM3325000
HEXA-2,4-DIENAL see: WG1925000
2,4-HEXADIENAMIDE, N-HYDROXY- see: WG3170000

MM1996000 HEXADIENE
UPDT:8308 CAS: 42296-74-2 MW: 82.16 MOLFM: C6-H10
SYN: HEXADIENE (DOT) * UN 2458 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
HEXADIENE (DOT) see: MM1996000
HEXA-1,5-DIENE see: MM2000000

MM2000000 1,5-HEXADIENE
UPDT:8308 CAS: 592-42-7 MW: 82.16 MOLFM: C6-H10
SYN: BIALLYL * DIALLYL * HEXA-1,5-DIENE
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MM2100000 1,5-HEXADIENE,3,4-DIHYDROXY-
UPDT:8307 CAS: 1069-23-4 MW: 114.16 MOLFM: C6-H10-O2
SYN: 3,4-DIHYDROXY-1,5-HEXADIENE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1620 mg/kg AIHAAP 30,470,69
skn-rbt LD50:400 mg/kg AIHAAP 30,470,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MM2245000 2,4-HEXADIENEDIOIC ACID, 3-CHLORO-, (Z,Z)-
UPDT:8403 MW: 176.56 MOLFM: C6-H5-Cl-O4
SYN: (Z,Z)-3-CHLORO-2,4-HEXADIENEDIOIC ACID * 3-CHLORO-cis-MUCONIC ACID
MUTATION DATA AND REFERENCES:
mmo-smc 50 mg/L MUREAV 119,273,83
HEXADIENIC ACID see: WG2100000
2,4-HEXADIENOHYDROXAMIC ACID see: WG3170000
2,4-HEXADIENOHYDROXIMIC ACID see: WG3170000
HEXADIENOIC ACID see: WG2100000
2,4-HEXADIENOIC ACID see: WG2100000

trans-trans-2,4-HEXADIENOIC ACID see: WG2100000

MM2625000 2,5-HEXADIENOIC ACID, 3-METHOXY-5-METHYL-4-OXO-
UPDT:8411 CAS: 90-65-3 MW: 170.18 MOLFM: C8-H10-O4
SYN: gamma-KETO-beta-METHOXY-delta-METHYLENE-DELTA(sup alpha)-HEXENOIC ACID * 3-METHOXY-5-METHYL-4-OXO-2,5-HEXADIENOIC ACID * PA * PENCILLIC ACID * PENICILLIC ACID

MUTATION DATA AND REFERENCES:

	mrc-bcs 100 ug/disc	CNREA8 36,445,76
	dnd-hmn:hla 320 mg/L/1H	JJEMAG 42,527,72
	dnd-mus:oth 100 mg/L	GANNA2 68,619,77
	cyt-mus:oth 3200 ug/L	GANNA2 68,619,77
	msc-mus:oth 3200 ug/L	GANNA2 68,619,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T35	ipr-mus TDLo:90 mg/kg (10D preg)	TOXIA6 16,92,78
1T25	ipr-mus TDLo:90 mg/kg (10D preg)	85EGD4 5,739,78

TUMORIGENIC DATA AND REFERENCES:

2V02V10	scu-rat TDLo:960 mg/kg/48W-I	BJCAAI 15,85,61
2V02V10	scu-mus TDLo:608 mg/kg/38W-I	BJCAAI 19,392,65

TOXICITY DATA AND REFERENCES:

1L30	ipr-rat LD50:90 mg/kg	JTEHD6 7,169,81
	orl-mus LD50:600 mg/kg	JPETAB 88,119,46
	ipr-mus LD50:90 mg/kg	TXAPA9 52,1,80
*	scu-mus LD50:100 mg/kg	MEIEDD 10,1017,83
	ivn-mus LD50:250 mg/kg	JPETAB 88,119,46
	unk-mus LDLo:280 mg/kg	BJCAAI 15,85,61

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: LLOYA2 38(1),21,75; 22HAAD 6,409,71; ARMIAZ 26,279,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 10,211,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MM2630000 2,5-HEXADIENOIC ACID, 3-METHOXY-5-METHYL-4-OXO-, SODIUM SALT
UPDT:8306 MW: 192.16 MOLFM: C8-H9-O4 Na
SYN: 3-METHOXY-5-METHYL-4-OXO-2,5-HEXADIENOIC ACID SODIUM SALT * PENICILLIC ACID SODIUM SALT * SODIUM PENICILLATE

TOXICITY DATA AND REFERENCES:

*	orl-ckn LD50:92 mg/kg	POSCAL 59,1203,80

2,4-HEXADIENOIC ACID POTASSIUM SALT see: WG2160000
2,4-HEXADIENOL see: MM3325000

MM3325000 2,4-HEXADIEN-1-OL
UPDT:8307 CAS: 111-28-4 MW: 98.16 MOLFM: C6-H10-O
SYN: HEXACOSE * HEXADENOL * 2,4-HEXADIENOL * HEXAKOSE * HEXENOL * 1-HYDROXY-2,4-HEXADIENE * SORBIC ALCOHOL * SORBINIC ALCOHOL * SORBYL ALCOHOL

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2140 mg/kg	TXAPA9 28,313,74
*	skn-rbt LD50:1010 mg/kg	TXAPA9 28,313,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2,4-HEXADIEN-1-OL, ACETATE (8CI, 9CI) see: AI0350000
2,4-HEXADIENOXYPROPIONITRILE see: UG2450000
2,4-HEXADIENYL ACETATE see: AI0350000
2-(2,4-HEXADIENYLOXY)ETHANOL see: KL2275000

MM3470000 1,5-HEXADIEN-3-YNE, 2-METHYL-
UPDT:8411 CAS: 820-54-2 MW: 92.15 MOLFM: C7-H8
SYN: METHYL DIVINYL ACETYLENE * 2-METHYL-1,5-HEXADIENE-3-YNE

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:1600 mg/kg	WADTAA 55-250,2,55
2F07F13	ihl-rat LC50:24500 mg/m3	GISAAA 48(10),89,83
	ipr-rat LDLo:2000 mg/kg	WADTAA 55-250,2,55

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HEXADIMETHRINE BROMIDE see: MO1400000
HEXADIONA see: UV9100000

MM3620500 2,4-HEXADIYNE-1,6-DIOL, DI-p-TOLUENESULFONATE
UPDT:8412 CAS: 32527-15-4 MW: 418.50 MOLFM: C20-H18-O6-S2

MUTATION DATA AND REFERENCES:

	mmo-sat 500 ng/plate	ENMUDM 6,463,84
	mma-sat 500 ng/plate	ENMUDM 6,463,84
	cyt-ham:ovr 1250 nmol/L	ENMUDM 6,463,84
	sce-ham:ovr 300 nmol/L	ENMUDM 6,463,84

2,4-HEXADIYN-1-ONE, 1-PHENYL- (9CI) see: MM3622000

MM3622000 2,4-HEXADIYNOPHENONE
UPDT:8308 CAS: 495-74-9 MW: 168.20 MOLFM: C12-H8-O
SYN: CAPILLIN * 2,4-HEXADIYN-1-ONE, 1-PHENYL- (9CI)

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:6980 ug/kg	85GDA2 8(2),297,82
*	ivn-mus LD50:1 mg/kg	85GDA2 8(2),297,82

HEXADRIN see: IO1575000
HEXADROL see: TU3980000
HEXAETHYLBENZENE see: DA3000000
HEXAETHYLDISTANNOXANE see: JN8760000
1,1,1,3,3,3-HEXAETHYLDISTANNOXANE see: JN8760000
HEXAETHYLDISTANNTHIANE see: JN8840000
1,1,1,3,3,3-HEXAETHYLDISTANNTHIANE see: JN8840000
HEXAETHYL TETRAPHOSPHATE see: XF1575000
HEXAETHYL TETRAPHOSPHATE and compressed gas mixture (DOT) see: XF1580000
HEXAETHYL TETRAPHOSPHATE, LIQUID (DOT) see: XF1575000
HEXAETHYL TETRAPHOSPHATE MIXTURE, DRY (DOT) see: XF1577000
HEXAETHYL TETRAPHOSPHATE MIXTURE, LIQUID (DOT) see: XF1577000
HEXAFEN see: SM0700000
HEXAFERB see: NO8750000
HEXAFLUOROACETONE see: UC2450000
HEXAFLUOROACETONE (DOT) see: UC2450000
HEXAFLUOROACETONE HYDRATE see: UC2625000
HEXAFLUOROACETONE HYDRATE (DOT) see: UC2625000
HEXAFLUOROACETONE SESQUIHYDRATE see: UC2660000
HEXAFLUORO-1,2-EPOXYPROPANE see: TZ3400000
HEXAFLUOROEPOXYPROPANE see: TZ3400000
HEXAFLUOROETHANE see: KI4110000
HEXAFLUOROETHANE (DOT) see: KI4110000
HEXAFLUOROGLUTARIC ACID DIETHYL ESTER see: MA3750500 GLUTARIC ACID, HEXAFLUORO-, DIETHYLESTER
HEXAFLUOROGLUTARONITRILE see: MA5600000 GLUTARONITRILE, PERFLUORO-
HEXAFLUOROKIESELSAIURE (German) see: VV8225000
HEXAFLUOROKIEZELZUUR (Dutch) see: VV8225000
HEXAFLUOROPENTANEDIOIC ACID DIETHYL ESTER see: MA3750500 GLUTARIC ACID, HEXAFLUORO-,DIETHYL ESTER
HEXAFLUOROPHOSPHORIC ACID see: SY7115000
HEXAFLUOROPHOSPHORIC ACID (DOT) see: SY7115000
HEXAFLUORO-2-PROPANONE DIHYDRATE see: UC2500000 2-PROPANONE, HEXAFLUORO-, DIHYDRATE
HEXAFLUORO-2-PROPANONE SESQUIHYDRATE see: UC2660000
HEXAFLUOROPROPENE see: UD0350000
HEXAFLUOROPROPENE EPOXIDE see: TZ3400000
HEXAFLUOROPROPENE OXIDE see: TZ3400000
HEXAFLUOROPROPYLENE see: UD0350000
HEXAFLUOROPROPYLENE OXIDE (DOT) see: TZ3400000
HEXAFLUOROPROPYLENE (DOT) see: UD0350000
HEXAFLUOROPROPYL METHYL ETHER see: KO2282000
HEXAFLUOROSILICATE(2-) STRONTIUM see: VV8700000
HEXAFLUORURE DE SOUFRE (French) see: WS4900000
HEXAFLUOSILICIC ACID see: VV8225000
HEXAFLURATE see: TT1255000
HEXAFOR see: GV4950000
HEXAFORM see: MN4725000

MM5251000 HEXAFUNGIN
UPDT:8308 CAS: 61840-09-3

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:100 mg/kg	37XLA2 1,226,78
*	ipr-mus LD50:20 mg/kg	37XLA2 1,226,78
*	ivn-mus LD50:5 mg/kg	37XLA2 1,226,78

HEXAHYDRIC ALCOHOL see: MQ0880000
HEXAHYDROADIPHENINE HYDROCHLORIDE see: GU6825000
1,5,6,7,7,8,8a-HEXAHYDRO-2-AMINO-4-METHYL-QUINAZOLINE ACETATE see: VA1430000
HEXAHYDROANILINE see: GX0700000
HEXAHYDROANILINE HYDROCHLORIDE see: GX1440000
1,2,3,7,8,9-HEXAHYDROANTHANTHRENE see: HO7050000
HEXAHYDROAZEPINE see: CM3150000
HEXAHYDRO-1H-AZEPINE see: CM3150000
HEXAHYDRO-2-AZEPINONE see: CM3675000
HEXAHYDRO-2H-AZEPIN-2-ONE (9CI) see: CM3675000
HEXAHYDRO-2H-AZEPIN-2-ONE HOMOPOLYMER see: TQ9800000
alpha-((2-(HEXAHYDRO-1H-AZEPIN-1-YL)ETHOXY)METHYL)BENZYL ALCOHOL see: DO6310000
alpha-((2-(HEXAHYDRO-1H-AZEPIN-1-YL)ETHOXY)METHYL)BENZYL ALCOHOL BENZOATE (ester) HCl see: DO6310100
(2-(HEXAHYDRO-1-AZEPINYL)ETHYL)GUANIDINE SULFATE (2:1) see: MF2850000 GUANIDINE, (2-(HEXAHYDRO-1H-AZEPIN-1-YL)ETHYL)-, SULFATE (2:1)
6-((HEXAHYDRO-1H-AZEPIN-1-YL)METHYLENEAMINO)PENICILLANIC ACID see: XI0185000
N-((HEXAHYDRO-1H-AZEPIN-1-YL)METHYL)PHTHALIMIDE see: TI5175800
3-(HEXAHYDRO-1H-AZEPIN-1-YL)-3'-NITROPROPIOPHENONE HYDROCHLORIDE see: UH1854000
2-(HEXAHYDRO-1H-AZEPIN-1-YL)-5-PHENYL-4,6(1H,5H)-PYRIMIDINEDIONE see: UV9103850
4'-(3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPIONYL)METHANESULFONANILIDE HYDROCHLORIDE see: PB0750000
2-(HEXAHYDRO-1H-AZEPIN-1-YL)-4,6(1H,5H)-PYRIMIDINEDIONE see: UV9103800
1-(HEXAHYDRO-1-AZEPINYL)-3-p-TOLYLSULFONYLUREA see: YT4400000
1-(HEXAHYDRO-1H-AZEPIN-1-YL)-3-(p-TOLYLSULFONYL)UREA see: YT4400000
HEXAHYDRO-2(1H)-AZOCINONE see: CN4810000
(2-(HEXAHYDRO-1(2H)-AZOCINYL)ETHYL)GUANIDINE HYDROCHLORIDE see: MF3100000 GUANIDINE, (2-(HEXAHYDRO-1(2H)-AZOCINYL)ETHYL)-, MONOHYDROCHLORIDE
(2-(HEXAHYDRO-1(2H)-AZOCINYL)ETHYL) GUANIDINE HYDROGEN SULFATE see: MF3150000
(2-(HEXAHYDRO-1(2H)-AZOCINYL)ETHYL)GUANIDINE SULFATE see: MF3240000
1,2,4,5,6,7-HEXAHYDROBENZ(e)ACEANTHRYLENE see: CU1000000
HEXAHYDROBENZENAMINE see: GX0700000
HEXAHYDROBENZENE see: GU6300000
5,6,7,8,9,10-HEXAHYDROBENZO(ghi)PERYLENE see: DI6220000
HEXAHYDRO-4-(2-BROMOETHYL)-1-METHYLENE-1H-PYRROLIZINIUM CHLORIDE see: UY8419300 1H-PYRROLIZINIUM, HEXAHYDRO-4-(2-BROMOETHYL)-1-METHYLENE-, CHLORIDE
(1S-(1-alpha,7a-beta))-HEXAHYDRO-4-(2-BROMOETHYL)-1-METHYL-1H-PYRROLIZINIUM BROMIDE see: UY8419200 1H-PYRROLIZINIUM, HEXAHYDRO-4-(2-BROMOETHYL)-1-METHYL-, BROMIDE, (1S-(1-alpha,7a-beta))-
HEXAHYDRO-4-(2-CHLOROETHYL)-1-METHYLENE-1H-PYRROLIZINIUM CHLORIDE see: UY8419500 1H-PYRROLIZINIUM, HEXAHYDRO-4-(2-CHLOROETHYL)-1-METHYLENE-, CHLORIDE
(1S-(1-alpha,7a-beta))-HEXAHYDRO-4-(2-CHLOROETHYL)-1-METHYL-1H-PYRROLIZINIUM CHLORIDE see: UY8419400 1H-PYRROLIZINIUM, HEXAHYDRO-4-(2-CHLOROETHYL)-1-METHYL-, CHLORIDE, (1S-(1-alpha,7a-beta))-
HEXAHYDRO-4-(CHLOROMETHYL)-1-METHYLENE-1H-PYRROLIZINIUM CHLORIDE see: UY8419600 1H-PYRROLIZINIUM, HEXAHYDRO-4-(CHLOROMETHYL)-1-METHYLENE-, CHLORIDE
HEXAHYDROCRESOL see: GW0175000
HEXAHYDRO-p-CYMENE HYDROPEROXIDE see: MX2500000
HEXAHYDRO-1,4-DIAZINE see: TK7800000
1-(HEXAHYDRO-1,3-DIAZOCIN-2(1H)-YLIDENE)-3-(2,6-XYLYL)-UREA HYDROCHLORIDE see: YT1458800
1,2,3,4,8,9-HEXAHYDRODIBENZ(a,j)ANTHRACENE see: HN5150000
1,2,3,4,12,13-HEXAHYDRODIBENZ(a,h)ANTHRACENE see: HN5100000
1,2,3,7,8,9-HEXAHYDRODIBENZO(def,mno)CHRYSENE see: HO7050000
1,5a,6,9,9a,9b-HEXAHYDRO-4a(4H)-DIBENZOFURANCARBOXALDEHYDE see: HP5075000
4,4a-alpha,5,6,7,7a-alpha-HEXAHYDRO-4-alpha,7-alpha-DIMETHYLCYCLOPENTA(c)PYRAN-3(1H)-ONE see: GY5836000
4,4a-alpha,5,6,7,7a-alpha-HEXAHYDRO-4-beta,7-alpha-DIMETHYLCYCLOPENTA(c)PYRAN-3(1H)-ONE see: GY5836200
HEXAHYDRO-3a,7a-DIMETHYL-4,7-EPOXYISOBENZOFURAN-1,3-DIONE see: RN8575000
2,3,4,6,7,8-HEXAHYDRO-1,3-DIMETHYL-8-HYDROXYETHYL-1H-IMIDAZO(2,1-f)PURINE-2,4-DIONE see: NJ5096800
(-)-2,3,4,5,6,7-HEXAHYDRO-1,4-DIMETHYL-1,6-METHANO-1H-4-BENZAZONIN-10-OL HYDROBROMIDE see: PB9082000
1,2,4,5,6,7-HEXAHYDRO-2,4-DIMETHYL-3,4,11b-TRIAZACYCLOHEPTA(j,k)FLUORENE see: XX8510000
HEXAHYDRO-2,4-DIMETHYL-2-(2-TRIMETHYLAMMONIOETHYL)-4,7-EPOXYISOINDOLINIUM DICHLORIDE see: KC9930000
HEXAHYDRO-1-ETHYL-2H-AZEPIN-2-ONE see: CM3905000
1,2,3,5,6,7-HEXAHYDRO-3-ETHYL-3,4,11b-TRIAZACYCLOHEPTA(j,k)FLUORENE see: XX8520000
2,2,4,4,6,6-HEXAHYDRO-2,2,4,4,6,6-HEXAKIS(1-AZIRIDINYL)-1,3,5,2,4,6-TRIAZATRIPHOS POURINE see: XX9450000
1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYL-CYCLOPENTA-gamma-2-BENZOPYRAN see: GY0790000
15,16,17,18,19,20-HEXAHYDRO-18-HYDROXY-17-METHOXY-YOHIMBAN PROPIONATE METHANESULFONATE see: ZG1227000
(-)-HEXAHYDRO-2-IMINO-1H-1,3-DIAZEPINE-4-CARBOXYLIC ACID ETHYL ESTER HYDROCHLORIDE see: HM3656000
HEXAHYDRO-2-IMINO-5-PYRIMIDINOL BENZOATE (ester) HYDROCHLORIDE see: UW6170000
(6-aRS,10-aRS)-4,6,6a,8,9,10a-HEXAHYDRO-7H-INDOLO(3,4-gh)(1,4)BENZOXAZINE HYDROCHLORIDE see: NM2429160
HEXAHYDRO-4-ISOPROPYL-1-METHYLENE-1H-PYRROLIZINIUM BROMIDE see: UY8420100 1H-PYRROLIZINIUM,HEXAHYDRO-4-ISOPROPYL-1-METHYLENE-, BROMIDE
exo-HEXAHYDRO-4,7-METHANOINDAN see: PB9600000
1-(3a,4,5,6,7,7a-HEXAHYDRO-4,7-METHANO-5-INDANYL)-3,3-DIMETHYLUREA see: YT4550000
1-(5-(3a,4,5,6,7,7a-HEXAHYDRO-4,7-METHANOINDANYL))-3,3-DIMETHYLUREA see: YT4550000
3-(HEXAHYDRO-4,7-METHANOINDAN-5-YL)-1,1-DIMETHYLUREA see: YT4550000
3-(5-(3a,4,5,6,7,7a-HEXAHYDRO-4,6-METHANOINDANYL) 1,1-DIMETHYLUREA see: YT4550000
exo-HEXAHYDRO-4,7-METHANOINDEN-5-OL HYDROGEN PHOSPHATE (2:1) see: PC1220000

5,6,7,8,9,10-HEXAHYDRO-4-METHOXY-11H-CYCLOHEPTA(b)QUINOLIN-11-ONE see: GU3560870
1,4,5,6,7,8-HEXAHYDRO-4-(m-METHOXYPHENYL)-5-OXO-2,7,7-TRIMETHYL-3-QUINOLINECARBONITRILE see: VB1050000
6,7,8,9,10,12b-HEXAHYDRO-3-METHYL-CHOLANTHRENE see: FZ3620000
1,2,3,4,10,14b-HEXAHYDRO-2-METHYLDIBENZO(c,f)PYRAZINO(1,2-a)AZEPINE HYDROCHLORIDE see: HP8780000
HEXAHYDRO-7-METHYLENE-1H-PYRROLIZIN-1-beta-OL see: UY8427400
(6-aRS,10-aRS)-4,6,6a,8,9,10a-HEXAHYDRO-7-METHYL-7H-INDOLO(3,4-gh)(1,4)BENZOXAZINE HCl see: NM2429130
HEXAHYDROMETHYLPHENOL see: GW0175000
1,2,3,5,6,7-HEXAHYDRO-3-METHYL-3,4,11b-TRIAZACYCLOHEPTA(j,k)FLUORENE see: XX8530000
2,3,4,6,7,8-HEXAHYDRO-4-METHYL-1H-4,5,12b-TRIAZAINDENO(1,2,3-ef)HEPTALENE see: XX6590000
HEXAHYDRO-1-NITROSO-1H-AZEPINE see: CM3325000
HEXAHYDRO-1-NITROSO-1H-AZEPIN-3-OL see: CM3598000
HEXAHYDRO-1-NITROSO-1H-AZEPIN-4-OL see: CM3598010
1,4,5,6,7,8-HEXAHYDRO-5-OXO-4-PHENYL-2,7,7-TRIMETHYL-3-QUINOLINECARBOXYLIC ACID ETHYL ESTER see: VB2060000
HEXAHYDROPHENOL see: GV7875000
HEXAHYDRO-alpha-PHENYL-1H-AZEPINE-1-ETHANOL o-METHOXYBENZOATE (ester) HYDROCHLORIDE see: CM3110000
HEXAHYDROPHENYL ETHYL ACETATE see: AG5095000
HEXAHYDROPHENYLETHYL ALCOHOL see: KK3528000
2-(HEXAHYDROPHTHALIMIDO)GLUTARIMIDE see: MA4800000
(6-aRS,10-aRS)-4,6,6a,8,9,10a-HEXAHYDRO-7-PROPYL-7H-INDOLO(3,4-gh)(1,4)BENZOXAZINE HCl see: NM2429190
HEXAHYDROPYRAZINE see: TK7800000
HEXAHYDROPYRIDINE see: TM3500000
HEXAHYDROPYRIDINE HYDROCHLORIDE see: TN0400000
HEXAHYDROTHYMOL see: OT0350000
HEXAHYDROTOLUENE see: GV6125000
HEXAHYDRO-1,3,5-s-TRIAZINE see: XY9470000
HEXAHYDRO-1,3,5-TRINITROSO-s-TRIAZINE see: XY9470000
HEXAHYDRO-1,3,5-TRINITROSO-1,3,5-TRIAZINE see: XY9470000
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZIN (German) see: XY9450000
HEXAHYDRO-1,3,5-TRINITRO-s-TRIAZINE see: XY9450000
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE see: XY9450000
HEXAHYDRO-1-UNDECANOYL-1H-AZEPINE see: CM3341000
1-beta,3-beta,11-alpha,14,19-HEXAHYDROXY-5-beta-CARD-20(22)-ENOLIDE see: FH5100000
2-beta,3-beta,14,20,22,25-HEXAHYDROXY-5-beta-CHOLET-7-EN-6-ONE see: FZ8060000
3,3',4',5,5',7-HEXAHYDROXYFLAVONE HEXAACETATE see: LK8648000
HEXA(HYDROXYMETHYL)MELAMINE see: PC3700000
HEXAIODOPLATINATE(2-) DIPOTASSIUM see: TP1760000
HEXAISOBUTYLDITIN see: JN8730000
HEXAKIS(mu-ACETATO)-mu(sup 4)-OXOTETRABERYLLIUM see: DS2900000
HEXAKIS(mu-ACETATO-O:O'))-mu(sup 4)-OXOTETRABERYLLIUM see: DS2900000
2,2,4,4,6,6-HEXAKIS(1-AZIRIDINYL)CYCLOTRIPHOSPHAZA-1,3,5-TRIENE see: XX9450000
2,2,4,4,6,6-HEXAKIS(1-AZIRIDINYL)-2,2,4,4,6,6-HEXAHYDRO-1,3,5,2,4,6-TRIAZATRIPHOSPHORINE see: XX9450000
HEXAKIS-(1-AZIRIDINYL)PHOSPHONITRILE see: XX9450000
HEXAKIS(AZIRIDINYL)PHOSPHOTRIAZINE see: XX9450000
HEXAKIS(DIHYDROGEN PHOSPHATE) myo-INOSITOL (9CI) see: NM7525000
HEXAKIS(beta,beta-DIMETHYLPHENETHYL)-DISTANNOXANE see: JN8770000
HEXAKIS(HYDROXYMETHYL)MELAMINE see: PC3700000
HEXAKIS(METHOXYMETHYL)MELAMINE see: XZ1065000
HEXAKIS(METHOXYMETHYL)-s-TRIAZINE-1,3,5-TRIAMINE see: XZ1065000
HEXAKIS(2-METHYL-2-PHENYLPROPYL)DISTANNOXANE see: JN8770000
HEXAKIS (2-METHYL-2-PHENYLPROPYL)-DISTANNOXANE see: JN8770000
HEXAKLOR see: GV3150000
HEXAKOSE see: MM3325000
gamma-HEXALACTONE see: LU4220000
HEXALAN RED 26 see: QJ6030000
HEXALDEHYDE see: MN7175000
HEXALDEHYDE (DOT) see: MN7175000
HEXALIN see: GV7875000
HEXAMETAPHOSPHATE, SODIUM SALT see: OY3675000
HEXAMETAPOL see: TD0875000
HEXAMETHIONIUM BROMIDE see: BQ8575000
HEXAMETHIONIUM CHLORIDE see: BQ8650000
HEXAMETHONIUM BROMIDE see: BQ8575000
HEXAMETHONIUM CHLORIDE see: BQ8650000
HEXAMETHONIUM DIBROMIDE see: BQ8575000
HEXAMETHONIUM DICHLORIDE see: BQ8650000
HEXA(METHOXYMETHYL)MELAMINE see: XZ1065000
HEXAMETHYLBENZENE see: DA3200000
HEXAMETHYL-BICYCLO(2.2.0)HEXA-2,5-DIEN (German) see: DT7320000
HEXAMETHYLDISILAZANE see: JM9230000
HEXAMETHYLDISILOXANE see: JM9237000
HEXAMETHYLDISTANNANE see: WH8280000
HEXAMETHYLDITIN see: WH8280000
HEXAMETHYLENAMINE see: MN4725000
HEXAMETHYLENE see: GU6300000
HEXAMETHYLENEAMINE see: MN4725000
N,N'-HEXAMETHYLENEBIS-1-AZIRIDINECARBOXAMIDE see: CM6766000
HEXAMETHYLENEBIS((BISBUTYLAMINOMETHYLENE)SULFONIUM BROMIDE) see: WR8043000
HEXAMETHYLENEBIS((BISETHYLAMINOMETHYLENE)SULFONIUM BROMIDE) see: WR8043200
HEXAMETHYLENEBIS((BISISOPROPYLAMINOMETHYLENE)SULFONIUM BROMIDE) see: WR8043400
HEXAMETHYLENEBIS((BISMETHYLAMINOMETHYLENE)SULFONIUM BROMIDE) see: WR8043600
HEXAMETHYLENEBIS((2-BROMOETHYL)DIMETHYLAMMONIUM) see: BQ8095000
HEXAMETHYLENEBIS((BROMOMETHYL)DIMETHYLAMMONIUM) see: BQ8096000
1,1'-HEXAMETHYLENEBIS(3-CARBAMOYLPYRIDINIUM BROMIDE) DIHYDRATE see: UU5083000
HEXAMETHYLENEBIS(CARBONYLMETHYLENE)BIS(DIMETHYL(2-HYDROXYETHYL)AMMONIUM CHLORIDE) see: BQ8109000
1,1'-HEXAMETHYLENEBIS(CARBONYLMETHYLENE)BISPYRIDINIUM DICHLORIDE see: UU5083200
HEXAMETHYLENEBIS(CARBONYLMETHYLENE)BIS(TRIMETHYLAMMONIUM CHLORIDE) see: BQ8110000
1,1'-HEXAMETHYLENEBIS(5-(p-CHLOROPHENYL)BIGUANIDE see: DU1925000
1,1'-HEXAMETHYLENEBIS(5-(p-CHLOROPHENYL)BIGUANIDE DIACETATE see: DU1930000
HEXAMETHYLENEBIS((DIAMINOMETHYLENE)SULFONIUM BROMIDE) see: WR8045000
N,N'-HEXAMETHYLENEBIS(2,2-DICHLORO-N-ETHYLACETAMIDE) see: AC2976500
4,4'-HEXAMETHYLENEBIS(1,1-DIMETHYLPIPERAZINIUM IODIDE) see: TM3395700
HEXAMETHYLENEBIS(DIMETHYLSULFONIUM) DIIODIDE see: WR8047500
HEXAMETHYLENEBIS(ETHYLENEUREA) see: CM6766000
1,6-HEXAMETHYLENEBIS(ETHYLENEUREA) see: CM6766000
1,1'-HEXAMETHYLENEBIS(1-ETHYL-PIPERIDINIUM BROMIDE) see: TN5556000
HEXAMETHYLENEBIS(METHYLDI-2-PYRIDYLAMMONIUM IODIDE) see: BQ8326500
1,1'-HEXAMETHYLENEBIS(1-METHYLPYRROLIDINIUM BROMIDE) see: UY4430000
1,1'-HEXAMETHYLENEBIS(PYRIDINIUM BROMIDE) see: UU5084000
HEXAMETHYLENEBIS(TRIMETHYLAMMONIUM) BROMIDE see: BQ8575000
HEXAMETHYLENE(BISTRIMETHYLAMMONIUM)CHLORIDE see: BQ8650000
1,1'-HEXAMETHYLENEBIS(1,2,6-TRIMETHYLPIPERIDINIUM IODIDE) see: TN5582000
HEXAMETHYLENEDIAMINE see: MO1180000
HEXAMETHYLENEDIAMINE, solution (DOT) see: MO1180000
1,6-HEXAMETHYLENEDIAMINE see: MO1180000
HEXAMETHYLENE DIAMINE, SOLID (DOT) see: MO1180000
HEXAMETHYLENEDICARBAMIC ACID BIS(3-IODO-2-PROPYNYL) ESTER see: FB1500000
HEXAMETHYLENEDIETHYLENEUREA see: CM6766000
HEXAMETHYLENE DIISOCYANATE see: MO1740000
HEXAMETHYLENE-1,6-DIISOCYANATE see: MO1740000
1,6-HEXAMETHYLENE DIISOCYANATE see: MO1740000
HEXAMETHYLENEDIISOCYANATE (DOT) see: MO1740000
HEXAMETHYLENE GLYCOL see: MO2100000
HEXAMETHYLENE IMINE (DOT) see: CM3150000
1-(2-HEXAMETHYLENEIMINOETHYL)-2-OXOCYCLOHEXANECARBOXYLIC ACID BENZYL ESTER HYDROCHLORIDE see: GU8560000
HEXAMETHYLENETETRAAMINE see: MN4725000

MN4725000 HEXAMETHYLENETETRAMINE

UPDT:8404 CAS: 100-97-0 MW: 140.22 MOLFM: C6-H12-N4
SYN: ACETO HMT * AMINOFORM * AMMOFORM * AMMONIOFORMALDEHYDE * CYSTAMIN * CYSTOGEN * ESAMETILENTETRAMINA (Italian) * FORMAMINE * FORMIN * HEXAFORM * HEXAMETHYLENAMINE * HEXAMETHYLENEAMINE * HEXAMETHYLENETETRAAMINE * HEXAMETHYLENTETRAMIN (German) * HEXAMETHYLENTETRAMINE * HEXAMINE * HEXAMINE (DOT) * HEXILMETHYLENAMINE * HMT * METHAMIN * METHENAMINE * PREPARATION AF * RESOTROPIN * 1,3,5,7-TETRAAZAADAMANTANE * UN 1328 (DOT) * URITONE * UROTROPIN * UROTROPINE

MUTATION DATA AND REFERENCES:

	dnr-esc 6 mg/well/16H	CBINAB 15,219,76
	cyt-hmn:hla 1 mmol/L	HUMAA7 4,112,67
	dlt-mus-ipr 25 gm/kg	DMWOAX 92,2315,67
	dlt-mus-orl 25 gm/kg	HUMAA7 4,112,67
	otr-ham:kdy 10 mg/L	CRNGDP 4,457,83

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-rat TDLo:140 gm/kg/78W-I	FAONAU 50A,77,72

TOXICITY DATA AND REFERENCES:

	scu-rat LDLo:200 mg/kg	HBTXAC 1,84,55
	ivn-rat LD50:9200 mg/kg	AEPPAE 221,166,54
	orl-mus LDLo:512 mg/kg	NTIS** AD-A066-307
	ipr-mus LDLo:512 mg/kg	CBCCT* 3,126,51
	scu-mus LDLo:450 mg/kg	HBTXAC 1,84,55
	scu-cat LDLo:200 mg/kg	HBTXAC 1,84,55
	scu-gpg LDLo:300 mg/kg	HBTXAC 1,84,55

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CMTVAS 10(3),49,73

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID	CFRGBR 49,172.102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 263*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HEXAMETHYLENETRIPEROXIDEDIAMINE see: MP4780100
HEXAMETHYLENE TRIPEROXIDE DIAMINE (DOT) see: MP4780100
HEXAMETHYLENIMINE see: CM3150000
HEXAMETHYLENIMINE, 3,5-DINITROBENZOATE see: IH6330000
HEXAMETHYLENIMINE, 2-OXO- see: CM3675000
2-(beta-HEXAMETHYLENIMINOAETHYL)CYCLOHEXANON-2-CARBONSAUREBENZYLESTER-HCl (German) see: GU8560000
4'-(3-HEXAMETHYLENIMINOPROPIONYL)METHANESULFONANILIDE HYDROCHLORIDE see: PB0750000
HEXAMETHYLENTETRAMIN (German) see: MN4725000
HEXAMETHYLENTETRAMINE see: MN4725000
2,3,3,4,4,5-HEXAMETHYL-2-HEXANETHIOL see: JR3150000
3,3',5,5,5',5'-HEXAMETHYLHEXANOYL PEROXIDE see: MP4666000
HEXAMETHYLMELAMINE see: OS1050000
HEXAMETHYL METHYLOLMELAMINE see: XZ1065000
HEXAMETHYLOL BENZENE HEXANITRATE (DOT) see: DA3170000
HEXAMETHYLOLMELAMIN (Czech) see: PC3700000
HEXAMETHYLOLMELAMINE see: PC3700000
HEXAMETHYLOL-MELAMIN-HEXA-METHYLAETHER (German) see: XZ1065000
HEXAMETHYLPARAOSANILINE CHLORIDE see: BO9000000
HEXAMETHYL PHOSPHORAMIDE see: TD0875000
HEXAMETHYLPHOSPHORIC ACID TRIAMIDE see: TD0875000
HEXAMETHYLPHOSPHORIC TRIAMIDE see: TD0875000
N,N,N,N,N,N-HEXAMETHYLPHOSPHORIC TRIAMIDE see: TD0875000
HEXAMETHYLPHOSPHOROTRIAMIDE see: TD0875000
HEXAMETHYLPHOSPHOTRIAMIDE see: TD0875000
2,2',4,4',6,6'-HEXAMETHYL-1-PIPERIDINEACETANILIDE see: TM3535000
HEXAMETHYL-p-ROSANILINE CHLORIDE see: BO9000000
HEXAMETHYL p-ROSANILINE HYDROCHLORIDE see: BO9000000
3,3,6,6,9,9-HEXAMETHYL-1,2,4,5-TETRAOXACYCLONONANE, not more than 52% in solution (DOT) see: XF0564000
3,3,6,6,9,9-HEXAMETHYL-1,2,4,5-TETRAOXACYCLONONANE, technically pure (DOT) see: XF0560000
3,3,6,6,9,9-HEXAMETHYL-1,2,4,5-TETRAOXACYCLONONANE, 52% with inert solid (DOT) see: XF0562000
HEXAMETHYL VIOLET see: BO9000000
HEXAMETON see: BQ8575000
HEXAMETON CHLORIDE see: BQ8650000
HEXAMIDINE see: UV9100000
HEXAMIDINE (THE ANTISPASMODIC) see: UV9100000
HEXAMINE see: MN4725000
HEXAMINE (DOT) see: MN4725000
HEXAMITE see: UX6825000
HEXAMOL SLS see: WT1050000

MN7175000 HEXANAL

UPDT:8407 CAS: 66-25-1 MW: 100.18 MOLFM: C6-H12-O
SYN: ALDEHYDE C-6 * CAPROALDEHYDE * CAPROIC ALDEHYDE * CAPRONALDEHYDE * n-CAPROYLALDEHYDE * HEXALDEHYDE * HEXALDEHYDE (DOT) * 1-HEXANAL * UN 1207 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open MLD	AMIHBC 10,61,54
	skn-rbt 14178 ug/24H open MLD	AIHAAP 23,95,62
	eye-rbt 100 mg/24H MLD	FCTXAV 11,95,73

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:4890 mg/kg	AMIHBC 10,61,54
*	ihl-rat LCLo:2000 ppm/4H	AMIHBC 10,61,54

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HEXANAL see: CQ2800000
1-HEXANAL see: MN7175000

MN7525000 HEXANAL, 2-ETHYL-
UPDT:8408 CAS: 123-05-7 MW: 128.24 MOLFM: C8-H16-O
SYN: BUTYL ETHYL ACETALDEHYDE * ETHYLBUTYLACETALDEHYDE * alpha-ETHYLCAPROALDEHYDE * ETHYLHEXALDEHYDE * ETHYLHEXALDEHYDE (DOT) * 2-ETHYLHEXALDEHYDE * 2-ETHYLHEXANAL * beta-PROPYL-alpha-ETHYLACROLEIN * UN 1191 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 425 mg open MLD UCDS** 7/21/65
skn-rbt 10 mg/24H open SEV AMIHBC 4,119,51
eye-rbt 500 mg open AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3730 mg/kg AMIHBC 4,119,51
ihl-rat LCLo:4000 ppm/4H AMIHBC 4,119,51
* orl-mus LD50:3550 mg/kg 85GMAT -,103,82
* skn-rbt LD50:5040 mg/kg AMIHBC 4,119,51
STANDARDS & REGULATIONS:
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HEXANAL, 2-(PHENYLMETHYLENE)- (9CI) see: GD6485000

MN7820000 HEXANAL, 3,5,5-TRIMETHYL-
UPDT:8401 CAS: 5435-64-3 MW: 142.27 MOLFM: C9-H18-O
SYN: tert-BUTYLISOPENTANAL * ISONYLALDEHYDE * 3,5,5-TRIMETHYLHEXANAL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),841,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3240 mg/kg FCTOD7 20(Suppl),841,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MN7920000 HEXANAMIDE, 2-(DIETHYLAMINO)-N-(3,4-DIMETHYL-5-ISOXAZOLYL)-, PICRATE
UPDT:8412 MW: 510.57 MOLFM: C15-H27-N3-O2 .C6-H3-N3-O7
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg YKKZAJ 82,474,62

MN7960000 HEXANAMIDE, 2-(DIMETHYLAMINO)-N-(3,4-DIMETHYL-5-ISOXAZOLYL)-, PICRATE
UPDT:8412 MW: 482.51 MOLFM: C13-H23-N3-O2 .C6-H3-N3-O7
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg YKKZAJ 82,474,62

MN8050000 HEXANAMIDE, 2,3-EPOXY-2-ETHYL-
UPDT:8306 CAS: 126-93-2 MW: 157.24 MOLFM: C8-H15-N-O2
SYN: 2,3-EPOXY-2-ETHYLHEXANAMIDE * 2-ETHYL-3-PROPYL-2,3-EPOXYPROPIONAMIDE * 2-ETHYL-3-PROPYLGLYCIDAMIDE * GLYCIDAMIDE, 2-ETHYL-3-PROPYL- * OXANAMIDE * QUIACTIN
TOXICITY DATA AND REFERENCES:
1F07 orl-rat LD50:1250 mg/kg FEPRA7 7,262,48
orl-mus LD50:1220 mg/kg PSEBAA 103,101,60
ipr-mus LD50:720 mg/kg PSEBAA 103,101,60

MN8070000 HEXANAMIDE, 2-ETHYL-N-(2,2,2-TRICHLORO-1-HYDROXYETHYL)-
UPDT:8405 MW: 290.64 MOLFM: C10-H18-Cl3-N-O2
SYN: 2-ETHYL-N-(2,2,2-TRICHLORO-1-HYDROXYETHYL)HEXANAMIDE
TOXICITY DATA AND REFERENCES:
2F07J30 ipr-rat LD50:952 mg/kg JAPMA8 41,100,52

MN8330000 HEXANAMIDE, N-METHYL-N-NITROSO-
UPDT:8401 CAS: 16395-82-7 MW: 158.23 MOLFM: C7-H14-N2-O2
SYN: N-METHYL-N-NITROSOHEXANAMIDE * N-NITROSO-N-METHLYCAPROAMIDE
MUTATION DATA AND REFERENCES:
mrc-smc 50 mmol/L/30M-C MGGEAE 100,63,67
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

3-HEXANAMIDO-2,4,6-TRIIODOBENZOIC ACID see: DH1435000
1-HEXANAMINE see: MQ4540000
1-HEXANAMINE, 2-ETHYL-N-(2-ETHYLHEXYL)- see: IH6825000
HEXANAPHTHENE see: GU6300000
HEXANAPHTHYLENE see: GW2500000
HEXANASTAB see: CQ2800000
HEXANASTAB ORAL see: CQ2625000
HEXANATE see: AJ9450000

MN9275000 HEXANE
UPDT:8412 CAS: 110-54-3 MW: 86.20 MOLFM: C6-H14
SYN: ESANI (Italian) * GETTYSOLVE-B * HEKSAN (Polish) * n-HEXANE * N-HEXANE * HEXANE (DOT) * HEXANEN (Dutch) * NCI-C60571 * RCRA WASTE NUMBER U114 * UN 1208 (DOT)
IRRITATION DATA AND REFERENCES:
eye-hmn 5 ppm JOCMA7 2,383,60
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 ihl-rat TCLo:10000 ppm/7H (15D pre/1-18D preg) TOXID9 1,152,81
1T81 ihl-rat TCLo:1000 ppm/6H (8-16D preg) TJADAB 19,22A,79
1T34 orl-mus TDLo:238 gm/kg (6-15D preg) DCTODJ 3,393,80
TOXICITY DATA AND REFERENCES:
1F08 ihl-hmn TCLo:5000 ppm/10M BMRII* 2979,-,29
* orl-rat LD50:28710 mg/kg TXAPA9 19,699,71
ipr-rat LDLo:9100 mg/kg TXAPA9 1,156,59
ihl-mus LCLo:120 gm/m3 AEPPAE 143,223,29
REVIEW AND REFERENCES:
★ TLV-TWA 50 ppm DTLVS* 4,216,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ppm (SCP-G) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ALKANES recm std-air:TWA 350 mg/m3;CL 1800 mg/m3/15M NTIS**
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1500
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

n-HEXANE see: MN9275000
N-HEXANE see: MN9275000
HEXANE, 3,4-BIS(p-HYDROXYPHENYL)- see: SL0560850
1-HEXANECARBOXYLIC ACID see: MJ1575000
HEXANE-4-CARBOXYLIC ACID, 3,5-DIMETHYL-3-HYDROXY-, beta-LACTONE see: RN9700000

MO1130000 HEXANEDIAL, 2-HYDROXY-
UPDT:8407 CAS: 141-31-1 MW: 130.16 MOLFM: C6-H10-O3
SYN: HYDROXYADIPALDEHYDE * alpha-HYDROXYADIPALDEHYDE * 2-HYDROXYADIPALDEHYDE * 2-HYDROXYHEXANEDIAL
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:17 gm/kg AMIHBC 10,61,54
ihl-rat LCLo:3000 ppm/4H SCCUR* -,5,61
ihl-mus LCLo:1500 ppm/14H SCCUR* -,5,61

MO1160000 1,6-HEXANEDIAMIDE, N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-, DIHYDROCHLORIDE
UPDT:8308 MW: 529.52 MOLFM: C26-H28-N6-O2 .2Cl-H
SYN: N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)HEXANEDIAMIDE DIHYDROCHLORIDE * BIS (2-METHYL-4-AMINO-6-QUINOLYL)ADIPAMIDE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F12J30 ipr-mus LD50:184 mg/kg ANTCAO 2,581,52
2F12J30 ivn-mus LD50:8100 ug/kg ANTCAO 2,581,52

MO1180000 1,6-HEXANEDIAMINE
UPDT:8412 CAS: 124-09-4 MW: 116.24 MOLFM: C6-H16-N2
SYN: 1,6-DIAMINOHEXANE * HEXAMETHYLENEDIAMINE * 1,6-HEXAMETHYLENEDIAMINE * HEXAMETHYLENE DIAMINE, SOLID (DOT) * HEXAMETHYLENEDIAMINE, solution (DOT) * HMDA * NCI-C61405 * UN 1783 (DOT) * UN 2280 (DOT)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 ipr-mus TDLo:414 mg/kg (10D preg) TJADAB 28,237,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:750 mg/kg TXAPA9 42,417,77
ihl-mus LCLo:750 mg/m3/10M NDRC** NDCrc-132,Sept,42
* ipr-mus LD50:320 mg/kg GISAAA 43(11),110,78
* scu-mus LD50:1300 mg/kg 85GMAT -,74,82
* ivn-mus LD50:180 mg/kg CSLNX* NX#02313
skn-rbt LD50:1110 mg/kg TXAPA9 42,417,77
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solid CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solution CFRGBR 49,172.101,82
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MO1225000 1,6-HEXANEDIAMINE, N,N'-BIS(1-METHYLPROPYLIDENE)-
UPDT:8307 CAS: 36888-36-5 MW: 224.44 MOLFM: C14-H28-N2
SYN: N,N'-BIS(1-METHYLPROPYLIDENE)-1,6-HEXANEDIAMINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD30:890 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:1130 mg/kg TXAPA9 28,313,74

MO1326000 2,5-HEXANEDIAMINE, N,N'-DIMETHYL-3,4-DIPHENYL-, HYDROCHLORIDE, DL-
UPDT:8405 MW: 332.96 MOLFM: C20-H28-N2 .Cl-H
SYN: DL-N,N'-DIMETHYL-3,4-DIPHENYL-2,5-HEXANEDIAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:230 mg/kg PHARAT 24,776,69

MO1400000 1,6-HEXANEDIAMINE, N,N,N',N'-TETRAMETHYL-, polymer with 1,3-DIBROMOPROPANE
UPDT:8403 CAS: 9011-04-5 MW: 1585.73 MOLFM: C10-H24-N2 .xC3-H6-Br2
SYN: 1,5-DIMETHYL-1,5-D-DIAZAUNDECAMETHYLENE POLYMETHOBROMIDE * HEXADIMETHRINE BROMIDE * POLYBRENE * POLY(N,N,N',N'-TETRAMETHYL-N-TRIMETHYLENEHEXAMETHYLENEDIAMMONIUM DIBROMIDE) * PROPANE, 1,3-DIBROMO-, polymer with N,N,N',N'-TETRAMETHYL-1,6-HEXANEDIAMINE * N,N,N',N'-TETRAMETHYLHEXAMETHYLENEDIAMINE-1,3-DIBROMOPROPANE copolymer
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:20 mg/kg TXAPA9 1,185,59
ipr-mus LD50:62 mg/kg TXAPA9 1,185,59
ivn-mus LD50:28 mg/kg TXAPA9 1,185,59
ivn-dog LD50:15 mg/kg TXAPA9 1,185,59
ivn-rbt LD50:10 mg/kg TXAPA9 1,185,59
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJMEAZ 38,409,65

MO1451200 1,6-HEXANEDIAMINE, TRIMETHYL-
UPDT:8401 CAS: 25620-58-0 MW: 158.33 MOLFM: C9-H22-N2
SYN: TRIMETHYLHEXAMETHYLENEDIAMINE * TRIMETHYLHEXAMETHYLENE DIAMINE (DOT) * TRIMETHYL-1,6-HEXANEDIAMINE * UN 2327 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1,6-HEXANEDIAMINIUM, N,N,N,N',N',N'-HEXAMETHYL-, DIBROMIDE (9CI) see: BQ8575000
1,6-HEXANEDIAMINIUM, N,N,N,N',N',N'-HEXAMETHYL-, DICHLORIDE (9CI) see: BQ8650000

MO1515000 HEXANE, 1,6-DIBROMO-
UPDT:8308 CAS: 629-03-8 MW: 244.00 MOLFM: C6-H12-Br2
SYN: DBH * 1,6-DIBROMOHEXAN (German) * 1,6-DIBROMOHEXANE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg MLD FCTOD7 20,563,82
eye-rbt 100 mg MLD FCTOD7 20,573,82
eye-rbt 100 mg/30S rns MLD FCTOD7 20,573,82
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:270 mg/kg ARZNAD 14,668,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MO1575000 HEXANE, 1,2:5,6-DIEPOXY-
UPDT:8401 CAS: 1888-89-7 MW: 114.16 MOLFM: C6-H10-O2
SYN: 1,2:5,6-DIEPOXYHEXANE
MUTATION DATA AND REFERENCES:
mmo-ssp 116 mmol/L ADWMAX -,193,62
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:6960 mg/kg/29W-I JNCIAM 39,1217,67
2V02V10 scu-mus TDLo:2068 mg/kg/47W-I JNCIAM 37,825,66
2V03P62 unk-mus TDLo:4600 mg/kg RARSAM 3,193,63
3V03R60V10 skn-mus TD :28 gm/kg/46W-I 14JTAF -,275,64
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HEXANEDIIMIDIC ACID, DIMETHYL ESTER (9CI) see: AV2328000

MO1740000 HEXANE, 1,6-DIISOCYANATO-
UPDT:8401 CAS: 822-06-0 MW: 168.22 MOLFM: C8-H12-N2-O2
SYN: 1,6-DIISOCYANATOHEXANE * HEXAMETHYLENE DIISOCYANATE * HEXAMETHYLENE-1,6-DIISOCYANATE * 1,6-HEXAMETHYLENE DIISOCYANATE * HEXAMETHYLENEDIISOCYANATE (DOT) * 1,6-HEXANEDIOL DIISOCYANATE * HMDI * ISOCYANIC ACID, DIESTER with 1,6-HEXANEDIOL * ISOCYANIC ACID, HEXAMETHYLENE ESTER * METYLENO-BIS-FENYLOIZOCYJANIAN (Polish) * SZESCIOMETYLENODWUIZOCYJANIAN (Polish) * TL 78 * UN 2281 (DOT)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:738 mg/kg AIHAAP 30,470,69
ihl-rat LCLo:60 mg/m3/4H GTPZAB 12(10),40,63
ihl-mus LCLo:1570 mg/m3/10M NDRC** NDCrc-132,Aug,42
* ivn-mus LD50:5600 ug/kg CSLNX* NX#07805
* skn-rbt LD50:593 mg/kg AIHAAP 30,470,69

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO DIISOCYANATES recm std-air:TWA 5 ppb;CL 20 ppb/10M NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MO1760000 HEXANE, 1,6-DIISOCYANATOTRIMETHYL-
UPDT:8312 CAS: 28679-16-5 MW: 210.31 MOLFM: C11-H18-N2-O2
SYN: TRIMETHYLHEXAMETHYLENE DIISOCYANATE (DOT) * TRIMETHYLHEXAMETHYLENE ISOCYANATE * UN 2328 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

MO1835000 HEXANE, 2,5-DIMETHYL-2,5-DI(t-BUTYLPEROXY)-
UPDT:8403 CAS: 78-63-7 MW: 290.50 MOLFM: C16-H34-O4
SYN: 2,5-DIMETHYL-2,5-DI(t-BUTYLPEROXY)HEXANE * 2,5-DIMETHYL-2,5-DI-(tert-BUTYLPEROXY)HEXANE, TECHNICALLY PURE (DOT) * TRIGONOX 101-101/45 * UN 2155 (DOT)
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:1700 mg/kg BSPII* 1/75-19B
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MO1837000 HEXANE, 2,5-DIMETHYL-2,5-DI(t-BUTYLPEROXY)-, maximum concentration 52% with inert solid
UPDT:8312 CAS: 78-63-7 MW: 290.50 MOLFM: C16-H34-O4
SYN: 2,5-DIMETHYL-2,5-BIS-(tert-BUTYLPEROXY)HEXANE, max. concentration 52% with inert solid (DOT) * UN 2156 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MO1840000 HEXANE, DIMETHYL-, DIHYDROPEROXIDE
UPDT:8401 CAS: 3025-88-5
SYN: DIMETHYLHEXANE DIHYDROPEROXIDE, dry (DOT) * DIMETHYLHEXANE DIHYDROPEROXIDE, (with 18% or more water) (DOT) * UN 2174 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN, dry CFRGBR 49,172.101,82
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HEXANEDINITRILE see: AV2625000
HEXANEDINITRILE, OCTAFLUORO- (8CI,9CI) see: AV2800000
HEXANEDIOIC ACID see: AU8400000
1,6-HEXANEDIOIC ACID see: AU8400000
HEXANEDIOIC ACID, BIS(2-ETHYLHEXYL) ESTER (9CI) see: AU9700000
HEXANEDIOIC ACID, BIS(2-(HEXYLOXY)ETHYL)ESTER (9CI) see: AU9800000
HEXANEDIOIC ACID, BIS(3-METHYLBUTYL) ESTER (9CI) see: AV1500000

MO1875620 HEXANEDIOIC ACID, BIS((6-METHYL-3-CYCLOHEXEN-1-YL)METHYL) ESTER
UPDT:8308 CAS: 68555-34-0 MW: 330.56 MOLFM: C22-H34-O2
SYN: ADIPIC ACID, DIESTER with 6-METHYL-3-CYCLOHEXENE-1-METHANOL * ADIPIC ACID, 6-METHYL-3-CYCLOHEXENYL-METHANOL DIESTER
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8570 mg/kg TXAPA9 28,313,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HEXANEDIOIC ACID, BIS(2-METHYLPROPYL) ESTER (9CI) see: AV1480000

MO1880550 HEXANEDIOIC ACID, BIS(7-OXABICYCLO(4.1.0)HEPT-3-YLMETHYL ESTER
UPDT:8307 CAS: 3130-19-6 MW: 366.50 MOLFM: C20-H30-O6
SYN: BIS((3,4-EPOXYCYCLOHEXYL)METHYL)ADIPATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4390 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HEXANEDIOIC ACID, DIBUTYL ESTER see: AV0900000
HEXANEDIOIC ACID, DINITRILE see: AV2625000
HEXANEDIOIC ACID, DIOCTYL ESTER see: AU9700000

MO1955000 HEXANEDIOIC ACID, compd. with PIPERAZINE (1:1)
UPDT:8408 CAS: 142-88-1 MW: 232.32 MOLFM: C10-H20-N2-O4
SYN: ADIPRAZINE * DIETELMIN * ENTACYL * OXURASIN * OXYPAAT * OXYZIN (TABL.) * NOMETAN * PIPADOX * PIPERAZINE ADIPATE * VERMICOMPREN (TABL.) * VERMILASS
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:7900 mg/kg APFRAD 13,539,55
* orl-mus LD50:11400 mg/kg JPPMAB 6,711,54
* ipr-mus LD50:1640 mg/kg 85GMAT -,100,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1,2-HEXANEDIOL see: SA0810000

MO2100000 1,6-HEXANEDIOL
UPDT:8307 CAS: 629-11-8 MW: 118.20 MOLFM: C6-H14-O2
SYN: HDO * HEXAMETHYLENE GLYCOL
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg IHFCAY 6,1,67
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3730 mg/kg TXAPA9 28,313,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MO2275000 2,5-HEXANEDIOL
UPDT:8407 CAS: 2935-44-6 MW: 118.20 MOLFM: C6-H14-O2
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 30,63,48
eye-rbt 100 mg open JIHTAB 30,63,48
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5000 mg/kg JIHTAB 30,63,48
1F02 orl-mus LD50:4846 mg/kg JAPMAB 45,669,56
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MO2282000 1,6-HEXANEDIOL, 2,5-BIS(HYDROXYMETHYL)-2,5-DINITRO-, TETRANITRATE (ester)
UPDT:8308 MW: 448.26 MOLFM: C8-H12-N6-O16
SYN: 1,4-DINITRO-1,1,4,4-TETRAMETHYLOLBUTANETETRANITRATE, dry (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

1,6-HEXANEDIOL DIISOCYANATE see: MO1740000
(+-)-2,5-HEXANEDIOL DIMESYLATE see: MO2365000

MO2365000 2,5-HEXANEDIOL, DIMETHANESULFONATE, (+-)-
UPDT:8307 CAS: 33447-91-5 MW: 274.38 MOLFM: C8-H18-O6-S2
SYN: (+-)-DIMETHYLMYLERAN * (+-)-2,5-HEXANEDIOL DIMESYLATE * 2,5-HEXANEDIOL, DIMETHANESULFONATE, (R*,R*)-(+-)- (9CI)
MUTATION DATA AND REFERENCES:
dlt-ofs-ipr 4 mg/kg MUREAV 58,263,78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 ipr-rat TDLo:4 mg/kg (1D male) CBINA8 36,331,81
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2,5-HEXANEDIOL, DIMETHANESULFONATE, (R*,R*)-(+-)- (9CI) see: MO2365000

MO2400000 2,5-HEXANEDIOL, DIMETHYLSULFONATE
UPDT:8312 CAS: 55-93-6 MW: 274.38 MOLFM: C8-H18-O6-S2
SYN: DDM * 2,5-DIMETHANESULFOMYLOXYHEXANE * 1,4-DIMETHANESULFONOXY-1,4-DIMETHYLBUTANE * DIMETHYLMYLERAN * NSC-23890
MUTATION DATA AND REFERENCES:
sln-dmg-orl 1 pph ZEVBA5 90,457,59
dlt-ofs-ipr 4 mg/kg MUREAV 58,263,78
dlt-mus-ipr 8 mg/kg IRLCDZ 5,341,77
spm-mus-ipr 4 mg/kg EXPEAM 30,178,74
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:16 mg/kg JNCIAM 56,609,76
ivn-dog LDLo:1 mg/kg CCSUBJ 2,203,65
ivn-mky LDLo:1 mg/kg CCSUBJ 2,203,65
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MO2625000 1,3-HEXANEDIOL, 2-ETHYL-
UPDT:8310 CAS: 94-96-2 MW: 146.26 MOLFM: C8-H18-O2
SYN: CARBIDE 6-12 * COMPOUND 6-12 INSECT REPELLENT * ENT 375 * ETHOHEXADIOL * ETHYL HEXANEDIOL * 2-ETHYL-1,3-HEXANEDIOL * 2-ETHYLHEXANE-1,3-DIOL * 2-ETHYLHEXANEDIOL-1,3 * ETHYL HEXYLENE GLYCOL * 2-ETHYL-3-PROPYL-1,3-PROPANEDIOL * 3-HYDROXYMETHYL-n-HEPTAN-4-OL * 6-12-INSECT REPELLENT * OCTYLENE GLYCOL * REPELLENT 612 * RUTGERS 612
IRRITATION DATA AND REFERENCES:
eye-rbt 5 mg SEV AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1400 mg/kg SPEADM 74-1,-,74
orl-mus LD50:1900 mg/kg SPEADM 74-1,-,74
orl-rbt LD50:2600 mg/kg PCOC** -,508,66
skn-rbt LD50:2000 mg/kg 31ZOAD 1,208,68
orl-gpg LD50:1900 mg/kg JPETAB 93,26,48
orl-ckn LD50:1400 mg/kg JPETAB 93,26,48
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MO2680000 1,3-HEXANEDIOL, 2-ETHYL-, MONOBUTYRATE (ester)
UPDT:8308 MW: 218.38 MOLFM: C12-H26-O3
SYN: BUTYRIC ACID, 2-ETHYLHEXANE-1,3-DIOL MONOESTER * 2-ETHYL-1,3-HEXANEDIOL MONOBUTYRATE (ester)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:9850 mg/kg TXAPA9 28,313,74

MO3140000 2,3-HEXANEDIONE
UPDT:8305 CAS: 3848-24-6 MW: 114.16 MOLFM: C6-H10-O2
SYN: ACETYLBUTYRYL * METHYL PROPYL DIKETONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,697,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MO3150000 2,5-HEXANEDIONE
UPDT:8405 CAS: 110-13-4 MW: 114.16 MOLFM: C6-H10-O2
SYN: ACETONE, ACETONYL- * ACETONYL ACETONE * alpha,beta-DIACETYLETHANE * 1,2-DIACETYLETHANE * 2,5-DIKETOHEXANE
IRRITATION DATA AND REFERENCES:
eye-rbt 19 mg AJOPAA 29,1363,46
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T09 orl-rat TDLo:4200 mg/kg (42D male) TXAPA9 62,262,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2700 mg/kg JIHTAB 2o,269,44
ihl-rat LCLo:200 ppm/4H JIHTAB 31,343,49
* orl-mus LD50:2386 mg/kg JAPMA8 45,669,56
* skn-gpg LD50:6422 mg/kg JIHTAB 26,269,44
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MO3200000 2,3-HEXANEDIONE, 5-METHYL-
UPDT:8401 CAS: 13706-86-0 MW: 128.19 MOLFM: C7-H12-O2
SYN: ACETYLISOPENTANOYL * ACETYL ISOVALERYL * 5-METHYL-2,3-HEXANEDIONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),637,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HEXANE (DOT) see: MN9275000
1,2,3,4,5,6-HEXANEHEXOL see: OP2060000
6-HEXANELACTAM see: CM3675000
HEXA-NEMA see: TF0550000
HEXANEN (Dutch) see: MN9275000

MO3900000 HEXANENITRILE
UPDT:8411 CAS: 628-73-9 MW: 97.18 MOLFM: C6-H11-N
SYN: CAPRONITRILE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:463 mg/kg ARTODN 55,47,84
orl-rbt LDLo:100 mg/kg AEXPBL 34,247,1894
scu-rbt LDLo:225 mg/kg AEXPBL 34,247,1894
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HEXANE, 1,1'-OXYBIS- see: KN8600000
HEXANE, 1,1'-OXYBIS(2-ETHYL- see: KN3175000
HEXANE-1,2,6-TRIOL see: MO4650000
HEXANETRIOL-1,2,6 see: MO4650000

MO4650000 1,2,6-HEXANETRIOL
UPDT:8407 CAS: 106-69-4 MW: 134.20 MOLFM: C6-H14-O3
SYN: HEXANETRIOL-1,2,6 * HEXANE-1,2,6-TRIOL
IRRITATION DATA AND REFERENCES:
skn-rbt 555 mg open MLD UCDS** 7/13/71
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
orl-rat LD50:16 gm/kg UCDS** 7/13/71
2K02L30 ipr-rat LD50:10 gm/kg TXAPA9 15,282,69
2K02L30 ivn-rat LD50:5600 mg/kg TXAPA9 15,282,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MO4666000 HEXANETRIOL, 2,5-DIMETHYL-
UPDT:8305 MW: 162.26 MOLFM: C8-H18-O3
SYN: 2,5-DIMETHYL-1,2,6-HEXANETRIOL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:24200 mg/kg AIHAAP 23,95,62

HEXANICIT see: NM7535400
HEXANICOTINOYL INOSITOL see: NM7535400

HEXANICOTOL see: NM7535400

HEXANIMIDE see: AV2310000

HEXANITRODIFENYLAMINE (Dutch) see: JJ9275000

2,2',4,4',6,6'-HEXANITRO-3,3'-DIHYDROXYAZOBENZENE, dry (DOT) see: SJ7320000

HEXANITRODIPHENYLAMINE see: JJ9150000

HEXANITRODIPHENYLAMINE (French) see: JJ9275000

2,2',4,4',6,6'-HEXANITRODIPHENYLAMINE see: JJ9275000

2,4,6,2',4',6'-HEXANITRODIPHENYLAMINE see: JJ9275000

HEXANITRODIPHENYLAMINE (DOT) see: JJ9150000

2,2',3',4,4',6-HEXANITRODIPHENYLAMINE (DOT) see: JJ9200000

2,3',4,4',6,6'-HEXANITRODIPHENYL ETHER (DOT) see: ST8962000

N,N'-(HEXANITRODIPHENYL) ETHYLENE DINITRAMINE (DOT) see: KV4785000

HEXANITRODIPHENYLSULFIDE see: WQ2850000

HEXANITRODIPHENYL UREA (DOT) see: YT4590000

HEXANITROETHANE see: KI4130000

HEXANITROETHANE (DOT) see: KI4130000

HEXANITROL see: OP3000000

2,2',4,4',6,6'-HEXANITROOXANILIDE see: RO7100000

HEXANITROOXAANILIDE (DOT) see: RO7100000

HEXANITROSTILBENE see: WJ6700000

HEXANITROSTILBENE (DOT) see: WJ6700000

HEXANOESTROL see: SL0560850

MO5250000 HEXANOIC ACID

UPDT:8408 CAS: 142-62-1 MW: 116.18 MOLFM: C6-H12-O2

SYN: BUTYLACETIC ACID * CAPROIC ACID * n-CAPPOIC ACID * CAPRONIC ACID * HEXACID 698 * n-HEXANOIC ACID * HEXANOIC ACID (DOT) * n-HEXOIC ACID * NA 1706 (DOT) * PENTIFORMIC ACID * PENTYLFORMIC ACID

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD — AMIHBC 10,61,54

skn-rbt 465 mg open MLD — UCDS** 11/2/71

eye-rbt 695 ug SEV — AJOPAA 29,1363,46

MUTATION DATA AND REFERENCES:

oms-nml:oth 10 mmol/L — CHROAU 40,1,73

cyt-nml:oth 10 mmol/L — CHROAU 40,1,73

TOXICITY DATA AND REFERENCES:

orl-rat LD50:3000 mg/kg — JIHTAB 26,269,44

* orl-mus LD50:5 gm/kg — 85GMAT -,32,82

* ihl-mus LC50:4100 mg/m3/2H — 85GMAT -,32,82

ipr-mus LD50:3180 mg/kg — JPPMAB 21,85,69

scu-mus LD50:3180 mg/kg — JPPMAB 21,85,69

* skn-rbt LD50:630 mg/kg — AMIHBC 10,61,54

* skn-gpg LD50:4635 mg/kg — JIHTAB 26,269,44

STANDARDS & REGULATIONS:

★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE — CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

n-HEXANOIC ACID see: MO5250000

MO5800000 HEXANOIC ACID, 6-ACETAMIDO-

UPDT:8403 CAS: 57-08-9 MW: 173.24 MOLFM: C8-H15-N-O3

SYN: ACETAMINOCAPROIC ACID * epsilon-ACETAMIDOCAPROIC ACID * 6-ACETAMIDOHEXANOIC ACID * N-ACETYL-6-AMINOHEXANOIC ACID * ACEXAMIC ACID

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:7 gm/kg — 85ESA3 9,5,76

MO5900000 HEXANOIC ACID, 6-ACETOXY-, BUTYL ESTER

UPDT:8308 MW: 230.34 MOLFM: C12-H22-O4

SYN: 6-ACETOXYHEXANOIC ACID, BUTYL ESTER

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:11300 mg/kg — TXAPA9 28,313,74

MO5910000 HEXANOIC ACID, 6-ACETOXY-, METHYL ESTER

UPDT:8308 MW: 188.25 MOLFM: C9-H16-O4

SYN: 6-ACETOXYHEXANOIC ACID, METHYL ESTER

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:11300 mg/kg — TXAPA9 28,313,74

MO6125000 HEXANOIC ACID, ALLYL ESTER

UPDT:8306 CAS: 123-68-2 MW: 156.25 MOLFM: C9-H16-O2

SYN: ALLYL CAPROATE * ALLYL HEXANOATE * 2-PROPENYL n-HEXANOATE

IRRITATION DATA AND REFERENCES:

skn-hmn 20 mg/48H MLD — FCTXAV 11,1079,73

MUTATION DATA AND REFERENCES:

mrc-bcs 18 ug/disc — OEKSDJ 9,177,78

TOXICITY DATA AND REFERENCES:

1F07 orl-rat LD50:218 mg/kg — FCTXAV 2,327,64

* skn-rbt LD50:300 mg/kg — FCTXAV 11,489,73

2F07K01 orl-gpg LD50:280 mg/kg — FCTXAV 2,327,64

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MO6300000 HEXANOIC ACID, 6-AMINO-

UPDT:8407 CAS: 60-32-2 MW: 131.20 MOLFM: C6-H13-N-O2

SYN: ACEPRAMIN * ACEPRAMINE * [illegible] * AFIBRIN * AMICAR * AMIKAR * AMINOCAPROIC ACID * epsilon-AMINOCAPROIC ACID * omega-AMINOCAPROIC ACID * 6-AMINOCAPROIC ACID * omega-AMINOHEXANOIC ACID * epsilon-AMINOHEXANOIC ACID * 6-AMINOHEXANOIC ACID * AMINOKAPRON * CAPRAMOL * CAPRALENSE * CAPROCID * CAPROLISIN * CL 10304 * CY 116 * EACA * EACA KABI * EACS * EPSAMON * EPSICAPRON * EPSIKAPRON * EPSILCAPRAMIN * EPSILON S * HEMOCAPROL * HEMOPAR * HEPIN * IPSILON * 177 J.D. * epsilon-LEUCINE * epsilon-NORLEUCINE * NSC-26154 * RESPRAMIN

IRRITATION DATA AND REFERENCES:

eye-rbt 500 mg/24H MOD — 28ZPAK -,128,72

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22 orl-rat TDLo:153 gm/kg (40D pre/1-21D preg) — APTOA6 22,340,65

1T25 iut-rat TDLo:15 mg/kg (6D preg) — BIREBV 23,553,80

TOXICITY DATA AND REFERENCES:

orl-rat LD50:13 gm/kg — 28ZPAK -,128,72

ipr-rat LD50:7000 mg/kg — PHMCAA 3,62,61

ivn-rat LD50:3300 mg/kg — PHMCAA 3,62,61

* orl-mus LD50:14300 mg/kg — NIIRDN 6,79,82

* ivn-mus LD50:5790 mg/kg — NIIRDN 6,79,82

ivn-dog LDLo:2150 mg/kg — PHMCAA 3,62,61

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HEXANOIC ACID, 6-AMINO-, LACTAM see: CM3675000

MO6950000 HEXANOIC ACID, BUTYL ESTER

UPDT:8412 CAS: 626-82-4 MW: 172.30 MOLFM: C10-H20-O2

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD — FCTOD7 21,653,83

MO7187000 HEXANOIC ACID, 6-(6-CHLORO-4-OXO-4H-1-BENZOPYRAN-2-CARBOXAMIDO)-

UPDT:8306 CAS: 27455-40-9 MW: 337.78 MOLFM: C16-H16-Cl-N-O5

SYN: 6-(6-CHLORO-4-OXO-4H-1-BENZOPYRAN-2-CARBOXAMIDO)HEXANOIC ACID

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:500 mg/kg — APFRAD 31,313,73

MO7280000 HEXANOIC ACID, 2-((1,1-DIMETHYLETHYL)DIOXY)ETHYL ESTER

UPDT:8312 CAS: 62695-55-0 MW: 232.36 MOLFM: C12-H24-O4

SYN: tert-BUTYL PEROXYETHYLHEXANOATE * tert-BUTYL PEROXY-2-ETHYL HEXANOATE, technical pure (DOT) * UN 2143 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE — CFRGBR 49,172.102,83

MO7285000 HEXANOIC ACID, 2-((1,1-DIMETHYLETHYL)DIOXY)ETHYL ESTER, with at least 50% phlegmatizer

UPDT:8312 MW: 232.36 MOLFM: C12-H24-O4

SYN: tert-BUTYL PEROXY-2-ETHYLHEXANOATE, with at least 50% phlegmatizer (DOT) * UN 2888 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE — CFRGBR 49,172.102,83

HEXANOIC ACID, 2,2-DIMETHYL-3-(6-METHOXY-3,4-DIHYDRO-2-NAPHTHYL)- see: QK0302200

HEXANOIC ACID, 3,7-DIMETHYLOCTA-2,6-DIEN-1-YL ESTER, (E)- see: RG5926000

HEXANOIC ACID (DOT) see: MO5250000

MO7700000 HEXANOIC ACID, 2-ETHYL-

UPDT:8407 CAS: 149-57-5 MW: 144.24 MOLFM: C8-H16-O2

SYN: BUTYLETHYLACETIC ACID * alpha-ETHYLCAPROIC ACID * 2-ETHYLHEXANOIC ACID * 2-ETHYLHEXOIC ACID

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open — JIHTAB 26,269,44

skn-rbt 450 mg open MLD — UCDS** 11/4/71

eye-rbt 4500 ug SEV — AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:

orl-rat LD50:3000 mg/kg — JIHTAB 26,269,44

skn-rbt LD50:1260 mg/kg — UCDS** 11/4/71

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MO7710000 HEXANOIC ACID, 2-ETHYL-, DIESTER with TETRAETHYLENE GLYCOL

UPDT:8408 CAS: 18268-70-7 MW: 446.70 MOLFM: C24-H46-O7

SYN: FLEXOL 4GO * HEXANOIC ACID, 2-ETHYL-, OXYBIS(2,1-ETHYLDIYLOXY-2,1-ETHANEDIYL) ESTER (9CI) * POLYETHYLENE GLYCOL 200 DI(2-ETHYLHEXOATE) * TETRAETHYLENE GLYCOL DI(2-ETHYLHEXOATE)

TOXICITY DATA AND REFERENCES:

orl-rat LD50:18 gm/kg — NPIRI* 2,85,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MO7735000 HEXANOIC ACID, ETHYL ESTER

UPDT:8308 CAS: 123-66-0 MW: 144.24 MOLFM: C8-H16-O2

SYN: ETHYL BUTYLACETATE (DOT) * ETHYL CAPROATE * ETHYL HEXANOATE * UN 1177 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD — FCTXAV 14,761,76

STANDARDS & REGULATIONS:

★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE — CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MO7775000 HEXANOIC ACID, 2-ETHYL-2-METHYL-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8408 CAS: 24589-39-7 MW: 293.93 MOLFM: C15-H31-N-O2 .Cl-H

SYN: 2-ETHYL-2-METHYLHEXANOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:274 mg/kg — CHTPBA 4,103,69

MO7794000 HEXANOIC ACID, 2-ETHYL-2-METHYL-, 2-PIPERIDINOETHYL ESTER, HYDROCHLORIDE

UPDT:8408 CAS: 24589-43-3 MW: 305.94 MOLFM: C16-H31-N-O2 .Cl-H

SYN: 2-ETHYL-2-METHYLHEXANOIC ACID 2-PIPERIDINOETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:214 mg/kg — CHTPBA 4,103,69

MO7804000 HEXANOIC ACID, 2-ETHYL-2-METHYL-, SODIUM SALT

UPDT:8308 CAS: 33977-30-9 MW: 180.25 MOLFM: C9-H17-O2 .Na

SYN: 2-ETHYL-2-METHYLHEXANOIC ACID SODIUM SALT * MECap * METHYL-ETHYL CAPROATE de SODIUM (French) * SODIUM METHYL-ETHYL CAPROATE

TOXICITY DATA AND REFERENCES:

3F07F24J30 ipr-mus LD50:635 mg/kg — THERAP 26,969,71

HEXANOIC ACID, 2-ETHYL-, OXYBIS(2,1-ETHYLDIYLOXY-2,1-ETHANEDIYL)ESTER (9CI) see: MO7710000

MO7875000 HEXANOIC ACID, 2-ETHYL-, VINYL ESTER

UPDT:8407 CAS: 94-04-2 MW: 170.28 MOLFM: C10-H18-O2

SYN: 2-ETHYLHEXANOIC ACID, VINYL ESTER * 2-ETHYLHEXOIC ACID, VINYL ESTER * VINYL-2-ETHYLHEXOATE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg open SEV — UCDS** 4/25/58

eye-rbt 500 mg open — AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:4290 mg/kg — AMIHBC 10,61,54

MO8385000 HEXANOIC ACID, HEXYL ESTER

UPDT:8305 CAS: 6378-65-0 MW: 200.36 MOLFM: C12-H24-O2

SYN: HEXYL CAPROATE * n-HEXYL HEXANOATE * HEXYL HEXOATE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD — FCTXAV 16,775,78

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MO8389000 HEXANOIC ACID, ISOBUTYL ESTER

UPDT:8305 CAS: 105-79-3 MW: 172.30 MOLFM: C10-H20-O2

SYN: HEXANOIC ACID, 2-METHYLPROPYL ESTER * ISOBUTYL CAPROATE * ISOBUTYL HEXANOATE * 2-METHYLPROPYL HEXANOATE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD — FCTXAV 16,797,78

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MO8389300 HEXANOIC ACID, ISOPENTYL ESTER

UPDT:8305 CAS: 2198-61-0 MW: 186.33 MOLFM: C11-H22-O2

SYN: ISOAMYL CAPROATE * ISOAMYL HEXANOATE * ISOPENTYL HEXANOATE * ISOPENTYL-n-HEXANOATE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD — FCTXAV 17,825,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MO8400000 HEXANOIC ACID, epsilon-LACTONE

UPDT:8407 CAS: 502-44-3 MW: 114.16 MOLFM: C6-H10-O2

SYN: CAPROLACTONE * epsilon-CAPROLACTONE * 6-HEXANOLACTONE * 1,6-HEXANOLIDE * 6-HYDROXYHEXANOIC ACID LACTONE * 2-OXEPANONE (8CI,9CI)

IRRITATION DATA AND REFERENCES:

eye-rbt 750 ug open SEV — AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

orl-rat LD50:4290 mg/kg — AMIHBC 10,61,54

* ipr-mus LD50:1300 mg/kg — JJIND8 62,911,79

* skn-rbt LD50:5990 mg/kg — AMIHBC 10,61,54

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MO8401400 HEXANOIC ACID, METHYL ESTER
UPDT:8408 CAS: 106-70-7 MW: 130.21 MOLFM: C7-H14-O2
SYN: METHYL CAPROATE * METHYL CAPRONATE * METHYL HEXANOATE * METHYL n-HEXANOATE * METHYL HEXOATE * METHYL HEXYLATE
TOXICITY DATA AND REFERENCES:
* ihl-mus LC50:14 gm/m3/2H 85GMAT -,82,82
* ivn-mus LD50:4800 ug/kg FCTOD7 20(Suppl),745,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HEXANOIC ACID, 2-METHYLPROPYL ESTER see: MO8389000

MO8418000 HEXANOIC ACID, 6-((2-(1-OCTYNYL)CYCLOPENTYL)OXY)-, (1S-trans)-
UPDT:8407 CAS: 27166-04-7 MW: 308.51 MOLFM: C19-H32-O3
SYN: (1S-trans)-6-((2-(1-OCTYNYL)CYCLOPENTYL)OXY)HEXANOIC ACID * 7-OXA-13-PROSTYNOIC ACID
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T24T29 iut-mus TDLo:3 ug/kg (3D preg) AKGIAO 57(6),11,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MO8439000 HEXANOIC ACID, 6-(3,4,5-TRIMETHOXYBENZAMIDO)-, MONOSODIUM SALT
UPDT:8408 CAS: 27276-25-1 MW: 347.38 MOLFM: C16-H22-N-O6 Na
SYN: CAPOBENATE * CAPOBENATE SODIUM * C-3 SODIUM SALT * epsilon-(3,4,5-TRIMETHOXYBENZAMIDO)CAPROIC ACID SODIUM SALT * epsilon-(3,4,5-TRIMETHOXYBENZAMIDO)CAPRONSAEURE NATRIUM (German) * 6-((3,4,5-TRIMETHOXYBENZOYL)AMINO)HEXANOIC ACID SODIUM SALT
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:2500 mg/kg USXXAM #3697563
* orl-mus LD50:5 gm/kg USXXAM #3697563
* ipr-mus LDLo:3 gm/kg USXXAM #3697563
* ivn-mus LD50:2500 mg/kg USXXAM #3697563

MO8444000 HEXANOIC ACID, 3,5,5-TRIMETHYL-, ALLYL ESTER
UPDT:8305 CAS: 71500-21-5 MW: 198.34 MOLFM: C12-H22-O2
SYN: ALLYL TRIMETHYLHEXANOATE * ALLYL 3,5,5-TRIMETHYLHEXANOATE * 2-PROPENYL 3,5,5-TRIMETHYLHEXANOATE * 3,5,5-TRIMETHYLHEXANOIC ACID ALLYL ESTER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTOD7 20(Suppl),639,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1400 mg/kg FCTOD7 20(Suppl),639,82

HEXANOL see: MQ4025000
iso-HEXANOL see: NR3020000
n-HEXANOL see: MQ4025000
n-HEXANOL (DOT) see: MQ4025000
sec-HEXANOL (DOT) see: EL3850000
tert-HEXANOL (9CI) see: MQ4250000
tert-HEXANOL (DOT) see: MQ4250000
1-HEXANOL see: MQ4025000
gamma-HEXANOLACTONE see: LU4220000
6-HEXANOLACTONE see: MO8400000

MO9220000 1-HEXANOL, 2,2-DIMETHYL-
UPDT:8408 CAS: 2370-13-0 MW: 130.26 MOLFM: C8-H18-O
SYN: 2,2-DIMETHYL-1-HEXANOL * tert-OCTANOL * tert-OCTYL ALCOHOL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2200 mg/kg 85GMAT -,95,82

MO9630000 1-HEXANOL, 2,2-DIMETHYL-, CARBAMATE
UPDT:8306 CAS: 3124-40-1 MW: 173.29 MOLFM: C9-H19-N-O2
SYN: CARBAMIC ACID, 2,2-DIMETHYLHEXYL ESTER * 2,2-DIMETHYL-1-HEXANOL CARBAMATE * 2,2-DIMETHYLHEXYL ESTER of CARBAMIC ACID
TOXICITY DATA AND REFERENCES:
2F05F17 ipr-mus LD50:630 mg/kg JMCMAR 8,604,65

MO9632000 1-HEXANOL, 5,5-DIMETHYL-, CARBAMATE
UPDT:8306 MW: 173.29 MOLFM: C9-H19-N-O2
SYN: CARBAMIC ACID, 5,5-DIMETHYLHEXYL ESTER * 5,5-DIMETHYL-1-HEXANOL CARBAMATE * 5,5-DIMETHYLHEXYL ESTER of CARBAMIC ACID
TOXICITY DATA AND REFERENCES:
2F05F17 ipr-mus LD50:600 mg/kg JMCMAR 8,604,65

MP0350000 1-HEXANOL, 2-ETHYL-
UPDT:8412 CAS: 104-76-7 MW: 130.26 MOLFM: C8-H18-O
SYN: ETHYLHEXANOL * 2-ETHYLHEXANOL * 2-ETHYL-1-HEXANOL * 2-ETHYLHEXYL ALCOHOL
IRRITATION DATA AND REFERENCES:
skn-rbt 415 mg open MLD UCDS** 11/11/69
skn-rbt 500 mg/24H MOD FCTXAV 17,775,79
eye-rbt 4165 ug SEV AJOPAA 29,1363,46
eye-rbt 20 mg/24H SEV 28ZPAK -,36,72
MUTATION DATA AND REFERENCES:
mmo-sat 500 umol/L EVHPAZ 45,111,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2049 mg/kg AIHAAP 30,470,69
* ipr-rat LD50:650 mg/kg FCTXAV 17,775,79
scu-rat LD50:650 mg/kg NPIRI* 1,61,74
* par-rat LD50:4600 mg/kg FCTXAV 17,775,79
orl-mus LDLo:3200 mg/kg KODAK* 21MAY71
* ipr-mus LD50:780 ug/kg FCTXAV 17,775,79
* par-mus LD50:1670 mg/kg FCTXAV 17,775,79
* skn-rbt LD50:1983 mg/kg AIHAAP 30,470,69
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

1-HEXANOL, 2-ETHYL-, ACRYLATE see: AT0855000

MP0700000 1-HEXANOL, 2-ETHYL-, HYDROGEN SULFATE, SODIUM SALT
UPDT:8412 CAS: 126-92-1 MW: 233.31 MOLFM: C8-H18-O4-S Na
SYN: EMERSAL 6465 * 2-ETHYL-1-HEXANOL HYDROGEN SULFATE SODIUM SALT * 2-ETHYL-1-HEXANOL SULFATE SODIUM SALT * 2-ETHYLHEXYL SODIUM SULFATE * MONO(2-ETHYLHEXYL)SULFATE SODIUM SALT * NCI-C50204 * NIA PROOF 08 * PROPASTE 6708 * SIPEX BOS * SODIUM ETASULFATE * SODIUM ETHASULFATE * SODIUM(2-ETHYLHEXYL)ALCOHOL SULFATE * SODIUM 2-ETHYLHEXYL SULFATE * SULFURIC ACID, MONO(2-ETHYLHEXYL)ESTER, SODIUM SALT (8CI) * TERGEMIST * TERGIMIST * TERGITOL 08 * TERGITOL ANIONIC 08 * 08-UNION CARBIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MOD UCDS** 1/20/72
eye-rbt 250 ug MLD AROPAW 34,99,45
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4 gm/kg FMCHA2 -,C215,83
ipr-rat LD50:320 mg/kg TXAPA9 17,53,70
scu-rat LD50:4730 mg/kg TXAPA9 17,53,70
orl-mus LD50:1550 mg/kg GISAAA 43(7),70,78
orl-rbt LD50:3580 mg/kg TXAPA9 17,53,70
orl-gpg LD50:1300 mg/kg TXAPA9 17,53,70
skn-gpg LDLo:1520 mg/kg JIHTAB 23,478,41
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

MP0770000 1-HEXANOL, 2-ETHYL-, PHOSPHATE
UPDT:8412 CAS: 78-42-2 MW: 434.72 MOLFM: C24-H51-O4-P
SYN: DISFLAMOLL TOF * 2-ETHYL-1-HEXANOL PHOSPHATE * FLEXOL TOF * KRONITEX TOF * NCI-C54751 * PHOSPHORIC ACID, TRIS(2-ETHYLHEXYL) ESTER * TOF * TRIETHYLHEXYL PHOSPHATE * TRI(2-ETHYLHEXYL)PHOSPHATE * TRIOCTYL PHOSPHATE * TRIS(2-ETHYLHEXYL)PHOSPHATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:37 gm/kg JIHTAB 30,63,48
unk-rat LD50:40 gm/kg 29ZWAE -,337,68
skn-rbt LDLo:20 gm/kg 34ZIAG -,606,69
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

1-HEXANOL, 2-ETHYL-, SEBACATE see: VS1000000
HEXANOLIDE-1,4 see: LU4220000
1,6-HEXANOLIDE see: MO8400000
HEXANON see: GW1050000
HEXANONE-2 see: MP1400000

MP1400000 2-HEXANONE
UPDT:8408 CAS: 591-78-6 MW: 100.18 MOLFM: C6-H12-O
SYN: n-BUTYL METHYL KETONE * HEXANONE-2 * KETONE, BUTYL METHYL * MBK * METHYL n-BUTYL KETONE * MNBK
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg open AMIHBC 10,61,54
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T50T53 ihl-rat TCLo:1000 ppm/6H (1-21D preg) EESADV 5,291,81
3T72T81T85 ihl-rat TCLo:2000 ppm/6H (1-21D preg) EESADV 5,291,81
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2590 mg/kg AMIHBC 10,61,54
ihl-rat LC50:8000 ppm/4H NPIRI* 1,78,74
ipr-rat LDLo:914 mg/kg RaIRL# 01MAR74
orl-mus LDLo:1000 mg/kg UCPHAQ 2,217,49
skn-rbt LD50:4800 mg/kg NPIRI* 1,78,74
orl-gpg LDLo:914 mg/kg RaIRL# 01MAR74
REVIEW AND REFERENCES:
★ TLV-TWA 5 ppm (skin) DTLVS* 4,266,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm (SCP-M) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO KETONES recm std-air:TWA 4 mg/m3 NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1300
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MP1575000 3-HEXANONE
UPDT:8307 CAS: 589-38-8 MW: 100.18 MOLFM: C6-H12-O
SYN: ETHYL PROPYL KETONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3360 mg/kg TXAPA9 28,313,74
* ihl-rat LCLo:4000 ppm/4H TXAPA9 28,313,74
* skn-rbt LD50:3170 mg/kg TXAPA9 28,313,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MP1630000 2-HEXANONE, 3,4-BIS(p-HYDROXYPHENYL)-
UPDT:8305 MW: 284.38 MOLFM: C18-H20-O3
SYN: 3,4-BIS(p-HYDROXYPHENYL)-2-HEXANONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-rat TDLo:175 ug/kg (35D pre) RPHRA6 20,395,64
1T24 scu-rat TDLo:15 ug/kg (2-4D preg) FESTAS 15,202,64
1T13 unk-rat TDLo:30 ug/kg (30D pre) RPHRA6 20,395,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MP1630500 3-HEXANONE, 6-(DIETHYLAMINO)-4,4-DIPHENYL-, HYDROBROMIDE
UPDT:8408 MW: 404.44 MOLFM: C22-H29-N-O Br-H
SYN: 6-(DIETHYLAMINO)-4,4-DIPHENYL-3-HEXANONE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:30 mg/kg JCSOA9 -,2158,50

MP1630600 3-HEXANONE, 6-(DIETHYLAMINO)-4,4-DIPHENYL-5-METHYL-, HYDROBROMIDE
UPDT:8408 MW: 418.47 MOLFM: C23-H31-N-O Br-H
SYN: 6-(DIETHYLAMINO)-4,4-DIPHENYL-5-METHYL-3-HEXANONE HYDROBROMIDE * 6-DIETHYLAMINO-4,4-DIPHENYL-5-METHYLHEXAN-3-ONE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:25 mg/kg JCSOA9 -,2158,50

MP1720000 2-HEXANONE, 5-DIMETHYLAMINO-3,3-DIPHENYL-, HYDROCHLORIDE
UPDT:8312 MW: 331.92 MOLFM: C20-H25-N-O Cl-H
SYN: 5-DIMETHYLAMINO-3,3-DIPHENYL-2-HEXANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F29 ivn-mus LD50:35 mg/kg JCSOA9 -,648,49

MP1750000 3-HEXANONE, 6-(DIMETHYLAMINO)-4,4-DIPHENYL-, HYDROCHLORIDE
UPDT:8312 CAS: 847-84-7 MW: 331.92 MOLFM: C20-H25-N-O Cl-H
SYN: DACARTIL HYDROCHLORIDE * DESMETHYLMETHADONE HYDROCHLORIDE * 1-DIMETHYLAMINO-3,3-DIPHENYL-4-HEXANONE HYDROCHLORIDE * 6-DIMETHYLAMINO-4,4-DIPHENYL-3-HEXANONE HYDROCHLORIDE * 1,1-DIPHENYL-1 DIMETHYLAMINOAETHYL-BUTANON-(2)-HYDROCHLORID (German) * 1,1-DIPHENYL-1-(2-DIMETHYLAMINOETHYL)-2-BUTANONE HYDROCHLORIDE * ISOAMIDONE I HYDROCHLORIDE * TICARDA HYDROCHLORIDE * DDB
TOXICITY DATA AND REFERENCES:
scu-mus LD50:65 mg/kg JPETAB 98,121,50
2F29J25 ivn-mus LD50:45 mg/kg JCSOA9 -,648,49

MP1940000 3-HEXANONE, 6-DIMETHYLAMINO-4,4-DIPHENYL-2-METHYL-, HYDROBROMIDE
UPDT:8312 MW: 390.41 MOLFM: C21-H27-N-O Br-H
SYN: 6-DIMETHYLAMINO-4,4-DIPHENYL-2-METHYLHEXAN-3-ONE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
1J25 ivn-mus LD50:65 mg/kg JCSOA9 -,648,49

MP3405000 3-HEXANONE, 6-DIMETHYLAMINO-4,4-DIPHENYL-5-METHYL-, NITRATE
UPDT:8312 MW: 372.51 MOLFM: C21-H27-N-O H-N-O3
SYN: 6-DIMETHYLAMINO-4,4-DIPHENYL-5-METHYL-3-HEXANONE NITRATE * ISOAMIDONE NITRATE
TOXICITY DATA AND REFERENCES:
2F29J25 ivn-mus LD50:40 mg/kg JCSOA9 -,648,49

MP3415000 2-HEXANONE, 5-DIMETHYLAMINO-1,3,3-TRIPHENYL-, HYDROCHLORIDE
UPDT:8312 MW: 408.02 MOLFM: C26-H29-N-O Cl-H
SYN: 5-DIMETHYLAMINO-1,3,3-TRIPHENYL-2-HEXANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F29 ivn-mus LD50:7 mg/kg JCSOA9 -,648,49

MP3416000 3-HEXANONE, 2,5-DIMETHYL-6-(DIMETHYLAMINO)-4,4-DIPHENYL-, HYDROBROMIDE
UPDT:8312 MW: 404.44 MOLFM: C22-H29-N-O Br-H
SYN: 6-(DIMETHYLAMINO)-4,4-DIPHENYL-2,5-DIMETHYLHEXAN-3-ONE HYDROBROMIDE * 2,5-DIMETHYL-6-(DIMETHYLAMINO)-4,4-DIPHENYL-3-HEXANONE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
1J26 ivn-mus LD50:30 mg/kg JCSOA9 -,648,49

MP3430500 3-HEXANONE, 4,4-DIPHENYL-5-METHYL-6-PIPERIDINO-, HYDROBROMIDE
UPDT:8408 MW: 430.48 MOLFM: C24-H31-N-O Br-H
SYN: 4,4-DIPHENYL-5-METHYL-6-PIPERIDINO-3-HEXANONE HYDROBROMIDE * 6-PIPERIDINO-4,4-DIPHENYL-5-METHYLHEXAN-3-ONE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:25 mg/kg JCSOA9 -,2158,50

MP3500000 3-HEXANONE, 4,4-DIPHENYL-6-MORPHOLINO-, HYDROCHLORIDE
UPDT:8406 CAS: 63765-88-8 MW: 373.96 MOLFM: C22-H27-N-O2 Cl-H
SYN: 4,4-DIPHENYL-6-MORPHOLINO-3-HEXANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F17F22F24 orl-mus LD50:208 mg/kg BJPCAL 5,125,80
* ipr-mus LD50:114 mg/kg JACSAT 71,57,49
scu-mus LD50:220 mg/kg JPPMAB 2,418,50
3F17F22F24 ivn-mus LD50:43 mg/kg BJPCAL 5,125,80

MP3510000 3-HEXANONE, 4,4-DIPHENYL-6-PIPERIDINO-, HYDROBROMIDE
UPDT:8312 MW: 416.45 MOLFM: C23-H29-N-O Br-H
SYN: 4,4-DIPHENYL-6-PIPERIDINO-3-HEXANONE HYDROBROMIDE * 6-PIPERIDINO-4,4-DIPHENYLHEXAN-3-ONE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
2F29J25 ivn-mus LD50:20 mg/kg JCSOA9 -,648,49

MP3510500 2-HEXANONE, 3,3-DIPHENYL-5-PIPERIDINO-, HYDROCHLORIDE
UPDT:8408 MW: 371.99 MOLFM: C23-H29-N-O Cl-H
SYN: 3,3-DIPHENYL-5-PIPERIDINO-2-HEXANONE HYDROCHLORIDE * 5-PIPERIDINO-3,3-DIPHENYLHEXAN-2-ONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:15 mg/kg JCSOA9 -,2158,50

MP3520500 2-HEXANONE, 3,3-DIPHENYL-6-PIPERIDINO-, SULFATE
UPDT:8408 MW: 433.61 MOLFM: C23-H29-N-O H2-O4-S
SYN: 3,3-DIPHENYL-6-PIPERIDINO-2-HEXANONE SULFATE * 6-PIPERIDINO-3,3-DIPHENYLHEXAN-2-ONE SULFATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:45 mg/kg JCSOA9 -,2158,50

1-HEXANONE, 2-ETHYL-2-METHYL-1-MORPHOLINO- see: QE4150000
HEXANONE ISOXIME see: CM3675000

MP3850000 2-HEXANONE, 5-METHYL-
UPDT:8312 CAS: 110-12-3 MW: 114.21 MOLFM: C7-H14-O
SYN: ISOAMYL METHYL KETONE * ISOPENTYL METHYL KETONE * KETONE, METHYL ISOAMYL * 2-METHYL-5-HEXANONE * 5-METHYL-2-HEXANONE * 2-METHYLHEXAN-2-ONE (DOT) * METHYL ISOAMYL KETONE * MIAK * UN 2302 (DOT)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4760 mg/kg AIHAAP 23,95,62
* ihl-rat LCLo:4000 ppm/4H AIHAAP 23,95,62
orl-mus LDLo:3200 mg/kg KODAK* 21MAY71
skn-rbt LD50:10 gm/kg UCDS** 8/7/63
REVIEW AND REFERENCES:
★ TLV-TWA 50 ppm DTLVS* 4,282,80
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO KETONES recm std-air:TWA 230 mg/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MP3900000 3-HEXANONE, 2-METHYL-
UPDT:8307 CAS: 7379-12-6 MW: 111.18 MOLFM: C7-H11-O
SYN: 2-METHYL-3-HEXANONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4000 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:16 gm/kg TXAPA9 28,313,74

HEXANONISOXIM (German) see: CM3675000

MP4380000 HEXANONITRILE, 2-(1-IMIDAZOLYLMETHYL)-2-PHENYL-
UPDT:8309 CAS: 61019-78-1 MW: 253.38 MOLFM: C16-H19-N3
SYN: alpha-n-BUTYL-alpha-PHENYL-1H-IMIDAZOLE-1-PROPANENITRILE * FENAPANIL * RH-2161 * SISTHANE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1590 mg/kg FMCHA2 -,C215,83

1-HEXANOYLAZIRIDINE see: CM7890000
1-HEXANOYL-2,6-DIMETHYLMORPHOLINE see: QE2200000
HEXANOYLETHYLENEIMINE see: CM7890000
17-alpha-HEXANOYLOXYPREGN-4-ENE-3,20-DIONE see: TU5085000

MP4666000 HEXANOYL PEROXIDE, 3,3',5,5,5',5'-HEXAMETHYL-
UPDT:8312 MW: 314.52 MOLFM: C18-H34-O4
SYN: BIS(3,5,5-TRIMETHYLHEXANOYL)PEROXIDE, technical pure or in solution (DOT) * 3,3',5,5,5',5'-HEXAMETHYLHEXANOYL PEROXIDE * UN 2128 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.102,83

HEXAOCTYLDISTANNOXANE see: JN8790000
1,1,1,3,3,3-HEXAOCTYLDISTANNOXANE see: JN8790000
HEXAOCTYLDISTANNTHIANE see: JN8845000
1,1,1,3,3,3-HEXAOCTYLDISTANNTHIANE see: JN8845000

MP4780100 3,4,8,9,12,13-HEXAOXA-1,6-DIAZABICYCLO(4.4.4)TETRADECANE, dry
UPDT:8308 CAS: 283-66-9 MW: 208.20 MOLFM: C6-H12-N2-O6
SYN: HEXAMETHYLENETRIPEROXIDEDIAMINE * HEXAMETHYLENE TRIPEROXIDE DIAMINE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

MP4780300 10,13,16,19,24,25-HEXAOXA-3-THIATRICYCLO(19.2.1.1(sup 5,8))PENTACOSA-5,7,21,23-TETRAENE- 9,20-DIONE
UPDT:8303 CAS: 71349-35-4 MW: 396.44 MOLFM: C18-H20-O8-S
SYN: 2-FUROIC ACID, 5,5'-THIODIMETHYLENEDI-, CYCLIC ESTER with 2,2'-ETHYLENEDIOXYDIETHANOL
MUTATION DATA AND REFERENCES:
mmo-sat 25 mmol/plate BZARAZ 32,1146,79
mmo-esc 25 mmol/plate BZARAZ 32,1146,79
mmo-omi 100 mmol/plate BZARAZ 32,1146,79

5,8,11,13,16,19-HEXAOXATRICOSANE (9CI) see: PA3400000
1,1,1,3,3,3-HEXAPHENYLDISTANNTHIANE see: JN8850000
HEXAPLAS M/B see: TI0875000
HEXAPLAS M/1B see: TI1225000
HEXAPLAS M/O see: TI1300000
HEXAPLIN see: ZG0350000
HEXAPROFEN see: UF0654000
HEXAPROMIN see: GU8400000
1,1,1,3,3,3-HEXAPROPYLDISTANNOXANE see: JN8800000
HEXAPROPYLDISTANNTHIANE see: JN8900000
1,1,1,3,3,3-HEXAPROPYLDISTANNTHIANE see: JN8900000
HEXAPROPYMATE see: FD1150000
HEXAPYRROLIDINIUM BROMIDE see: UY4430000

MP5150000 HEXAR-1-AMIC ACID, 4-AMINO-4,5-DIDEOXY-N-(1-(3,4-DIHYDRO-8-HYDROXY-1-OXO- 1H-2-BENZOPYRAN-3-YL)-3-METHYLBUTYL)-
UPDT:8402 CAS: 77674-99-8 MW: 424.50 MOLFM: C20-H28-N2-O8
SYN: AI-77-B
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:179 mg/kg JMCMAR 26,1370,83

MP5170000 HEXARAMIDE, 4-AMINO-4,5-DIDEOXY-N(sup 1)-(1-(8-HYDROXY-1-OXO-3,4-DIHYDRO-1H-2-BENZOPYRAN-3- YL)-3-METHYLBUTYL)-, HYDROCHLORIDE
UPDT:8402 CAS: 86561-37-7 MW: 445.97 MOLFM: C20-H29-N2-O7 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:7 mg/kg JMCMAR 26,1370,83

HEXASUL see: WS4250000
HEXATHANE see: ZH3325000
HEXATHIR see: JO1400000

MP5356000 HEXATONAL, cast (DOT)
UPDT:8312
SYN: UN 0393 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83

HEXATOX see: GV4900000

MP5425500 HEXATRIENE, 2,3,4,5-TETRACHLORO-
UPDT:8403 MW: 217.90 MOLFM: C6-H4-Cl4
SYN: 2,3,4,5-TETRACHLOROHEXATRIENE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:370 mg/kg 85GMAT -,108,82
* ihl-rat LC50:670 mg/m3/2H 85GMAT -,108,82
* orl-mus LD50:290 mg/kg 85GMAT -,108,82
* ihl-mus LCLo:190 mg/m3/2H 85GMAT -,108,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HEXATRON see: GU8400000
HEXATYPE BROWN N see: ST2900000
HEXATYPE CARMINE B see: QM2850000
HEXAUREA CHROMIC CHLORIDE see: GB5475000
HEXAVERM see: GV4900000
HEXAVIBEX see: UV1350000
HEXAVIN see: FC5950000
HEXAZANE see: TM3500000
HEXAZINONE see: XY7850000
HEXAZIR see: ZH0525000
HEXEMAL see: CQ2975000
HEXENAL see: CQ2625000
cis-3-HEXENAL see: MP5940000
trans-2-HEXENAL see: MP5900000
HEXENAL (BARBITURATE) see: CQ2625000

MP5900000 2-HEXENAL, (E)-
UPDT:8307 CAS: 6728-26-3 MW: 98.16 MOLFM: C6-H10-O
SYN: trans-2-HEXENAL * beta-PROPYL ACROLEIN
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 13,453,75
TOXICITY DATA AND REFERENCES:
3D17H05K01 orl-rat LD50:780 mg/kg FCTXAV 9,775,71
3D17H05K01 ipr-rat LD50:180 mg/kg FCTXAV 9,775,71
3D17F12H05 orl-mus LD50:1550 mg/kg FCTXAV 9,775,71
3D17H05K01 ipr-mus LD50:100 mg/kg FCTXAV 9,775,71
* skn-rbt LD50:600 mg/kg FCTXAV 13,453,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MP5940000 3-HEXENAL, (Z)-
UPDT:8401 CAS: 6789-80-6 MW: 98.16 MOLFM: C6-H10-O
SYN: cis-3-HEXENAL * 3-(Z)-HEXENAL * cis-beta,gamma-HEXYLENIC ALDEHYDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1560 mg/kg FCTOD7 20(Suppl),709,82
* skn-rbt LD50:3700 mg/kg FCTOD7 20(Suppl),709,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

3-(Z)-HEXENAL see: MP5940000

MP6000000 2-HEXENALDEHYDE, 2-ETHYL-, PHENYLHYDRAZONE
UPDT:8402 MW: 214.34 MOLFM: C14-H18-N2
SYN: 2-ETHYL-2-HEXENALDEHYDE PHENYLHYDRAZONE
TOXICITY DATA AND REFERENCES:
3J22J24J30 scu-mus LDLo:1900 mg/kg JIHTAB 18,1,36

5-HEXENAL, 2,6-EPOXY- see: UP6825000

MP6300000 2-HEXENAL, 2-ETHYL-
UPDT:8407 CAS: 645-62-5 MW: 126.22 MOLFM: C8-H14-O
SYN: ACROLEIN, 2-ETHYL-3-PROPYL- * 2-ETHYLHEXENAL * 2-ETHYL-2-HEXENAL * alpha-ETHYL-beta-n-PROPYLACROLEIN * 2-ETHYL-3-PROPYL ACROLEIN
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 26,269,44
eye-rbt 85 mg AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3000 mg/kg JIHTAB 26,269,44
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MP6450000 2-HEXEN-1-AL, 2-ISOPROPYL-5-METHYL-
UPDT:8305 CAS: 35158-25-9 MW: 154.28 MOLFM: C10-H18-O
SYN: 2-HEXEN-1-AL, 5-METHYL-2-(1-METHYLETHYL)- * ISODIHYDROLAVANDULYL ALDEHYDE * 2-ISOPROPYL-5-METHYL-2-HEXEN-1-AL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,317,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2-HEXEN-1-AL, 5-METHYL-2-(1-METHYLETHYL)- see: MP6450000
HEXENAL SODIUM see: CQ2800000

MP6475000 5-HEXENAMIDE, 5-ACETAMIDO-4-OXO-
UPDT:8403 CAS: 3750-26-3 MW: 184.22 MOLFM: C8-H12-N2-O3
SYN: 4-ACETAMIDO-4-PENTEN-3-ONE-1-CARBOXAMIDE * 5-(ACETYLAMINO)-4-OXO-5-HEXENAMIDE * PRIMOCARCIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg 85GDA2 4(1),72,80
* ivn-mus LD50:200 mg/kg MEIEDD 10,1115,83

MP6600100 1-HEXENE
CAS: 592-41-6 MW: 84.18 MOLFM: C6-H12
SYN: HEX-1-ENE (DOT) * UN 2370 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

3-HEXENE,3,4-BIS(p-HYDROXYPHENYL)- see: WJ5600000
3-HEXENE, 3,4-BIS(p-METHOXYPHENYL)- see: WJ5400000
HEX-1-ENE (DOT) see: MP6600100

MP6900000 1-HEXENE, 6-FLUORO-
UPDT:8403 CAS: 373-15-9 MW: 102.17 MOLFM: C6-H11-F
SYN: 6-FLUORO-1-HEXENE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:2800 ug/kg JACSAT 79,2311,57

MP6975000 3-HEXENE, 3-(p-METHOXYBENZYL)-4-(p-METHOXYPHENYL)-
UPDT:8408 MW: 310.47 MOLFM: C21-H26-O2
SYN: COMPOUND 78/702 * 1,2-DIETHYL-1,3-BIS-(p-METHOXYPHENYL)-1-PROPENE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:1500 ug/kg (2D preg) IJEBA6 18,557,80

1T13 orl-rat TDLo:6 mg/kg (1D pre) IJEBA6 20,258,82
1T14 orl-rat TDLo:15 mg/kg (15D pre) IJEBA6 20,258,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MP7000000 2-HEXENE, 2-NITRO-
UPDT:8308 CAS: 6065-17-4 MW: 129.18 MOLFM: C6-H11-N-O2
SYN: 2-NITRO-2-HEXENE
IRRITATION DATA AND REFERENCES:
eye-hmn 2500 ng/L IMSUAI 27,375,58
skn-rbt 500 mg open SEV AMIHAB 18,312,58
eye-rbt 50 mg SEV AMIHAB 18,312,58
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:420 mg/kg IMSUAI 34,800,65
ipr-rat LDLo:120 mg/kg TXAPA9 1,156,59
skn-rbt LDLo:1400 mg/kg IMSUAI 34,800,65

MP7350000 3-HEXENE, 3-NITRO-
UPDT:8401 CAS: 4812-22-0 MW: 129.18 MOLFM: C6-H11-N-O2
SYN: 3-NITRO-3-HEXENE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open SEV AMIHAB 18,312,58
eye-rbt 50 mg SEV AMIHAB 18,312,58
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ihl-mus TCLo:200 ppb/63W-I TXAPA9 5,445,63
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:420 mg/kg IMSUAI 34,800,65
ipr-rat LDLo:80 mg/kg TXAPA9 1,156,59
skn-rbt LDLo:940 mg/kg IMSUAI 34,800,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4-HEXENE-1-YNE-3-OL see: MQ0175000
4-HEXENE-1-YNE-3-ONE see: MQ0350000
4-HEXENOIC ACID, 2-ACETYL-5-HYDROXY-3-OXO-, delta-LACTONE see: UP8050000
4-HEXENOIC ACID, 2-ACETYL-5-HYDROXY-3-OXO, delta-LACTONE, SODIUM deriv. see: UP8225000

MP7750000 2-HEXENOIC ACID, 2-ETHYL-
UPDT:8407 CAS: 5309-52-4 MW: 142.22 MOLFM: C8-H14-O2
SYN: 2-ETHYL-2-HEXENOIC ACID
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
eye-rbt 150 ug open SEV AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5660 mg/kg AMIHBC 4,119,51
skn-rbt LD50:2750 mg/kg AMIHBC 4,119,51

2-HEXENOIC ACID, 5-HYDROXY-, delta-LACTONE see: UQ0525000

MP8050000 4-HEXENOIC ACID, 6-(4-HYDROXY-6-METHOXY-7-METHYL-3-OXO-5-PHTHALANYL)-4-METHYL-
UPDT:8408 CAS: 24280-93-1 MW: 320.37 MOLFM: C17-H20-O6
SYN: 6-(4-HYDROXY-6-METHOXY-7-METHYL-3-OXO-5-PHTHALANYL)-4-METHYL-4-HEXENOIC ACID (E)- * LILLY-68618 * MELBEX * 4-METHYL-5-METHOXY-7-HYDROXY-6-(5-CARBOXY-3-METHYLPENT-2-EN-1-YL)-PHTHALIDE (E)- * MICOFENOLICO ACIDO (Spanish) * MYCOPHENOLIC ACID * NSC-129185 * PHTHALIDE, 6-(5-CARBOXY-3-METHYL-2-PENTENYL)-7-HYDROXY-5-METHOXY-4-METHYL-
MUTATION DATA AND REFERENCES:
dnd-esc 30 umol/L MUREAV 89,95,81
dnd-mus:oth 32 mg/L GANNA2 68,619,77
dni-mus:lym 500 nmol/L CNREA8 44,2272,84
oms-mus:lym 1200 nmol/L CNREA8 43,1587,83
cyt-mus:oth 32 ug/L GANNA2 68,619,77
msc-mus:oth 32 ug/L GANNA2 68,619,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:452 mg/kg DRFUD4 3,594,78
3F07P05U01 ivn-rat LD50:450 mg/kg PMDCAY 9,1,73
* orl-mus LD50:1000 mg/kg 85GDA2 5,445,81
* ipr-mus LD50:973 mg/kg 85GDA2 5,445,81
* ivn-mus LDLo:500 mg/kg 85ERAY 3,1740,78
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MP8055000 4-HEXENOIC ACID, 6-(4-HYDROXY-6-METHOXY-7-METHYL-3-OXO-5-PHTHALANYL)-4-METHYL-, DISODIUM SALT
UPDT:8402 CAS: 23047-11-2 MW: 364.33 MOLFM: C17-H18-O6 .2Na
SYN: DISODIUM MYCOPHENOLATE * MYCOPHENOLIC ACID DISODIUM SALT
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:791 mg/kg AACHAX -,229,68
* ipr-mus LD50:921 mg/kg AACHAX -,229,68

MP8100000 4-HEXENOIC ACID, 6-(4-HYDROXY-6-METHOXY-7-METHYL-3-OXO-5-PHTHALANYL)-4-METHYL-, SODIUM SALT
UPDT:8402 CAS: 37415-62-6 MW: 342.35 MOLFM: C17-H19-O6 .Na
SYN: SODIUM MYCOPHENOLATE
TOXICITY DATA AND REFERENCES:
1V30 orl-mus LD50:1176 mg/kg AACHAX -,229,68
1V30 ipr-mus LD50:568 mg/kg AACHAX -,229,68
ivn-mus LDLo:400 mg/kg LANCAO 250,46,46

HEXENOL see: MM3325000
beta-gamma-HEXENOL see: MP8400000
2-HEXENOL see: MP8390000
3-HEXEN-1-OL, cis- see: MP8400000

MP8390000 2-HEXEN-1-OL, (E)-
UPDT:8303 CAS: 928-95-0 MW: 100.18 MOLFM: C6-H12-O
SYN: trans-2-HEXENOL * 2-HEXENOL * 2-HEXEN-1-OL, trans-
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 12,911,74
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3500 mg/kg FCTXAV 12,911,74
* skn-rbt LD50:4500 mg/kg FCTXAV 12,911,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2-HEXEN-1-OL, trans- see: MP8390000

MP8400000 3-HEXEN-1-OL, (Z)-
UPDT:8305 CAS: 928-96-1 MW: 100.18 MOLFM: C6-H12-O
SYN: BLATTERALKOHOL * beta-gamma-HEXENOL * 3-HEXEN-1-OL, cis- * cis-3-HEXENOL * cis-3-HEXEN-1-OL * LEAF ALCOHOL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4700 mg/kg FCTXAV 12,909,74
* ipr-rat LD50:600 mg/kg FCTXAV 7,451,69
* orl-mus LD50:7000 mg/kg FCTXAV 7,451,69
* ipr-mus LD50:400 mg/kg FCTXAV 7,451,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

cis-3-HEXENOL see: MP8400000
cis-3-HEXEN-1-OL see: MP8400000
trans-2-HEXENOL see: MP8390000

MP8425000 2-HEXEN-1-OL ACETATE
UPDT:8305 CAS: 2497-18-9 MW: 142.22 MOLFM: C8-H14-O2
SYN: HEX-2-ENYL ACETATE * 2-HEXENYL ACETATE * 2-HEXEN-1-YL-ACETATE * (E)-2-HEXENYL ACETATE * trans-2-HEXENYL ACETATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,793,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

gamma-HEXENOLACTONE see: UQ0525000
D''-HEXENOLLACTONE see: UQ0525000

MP8435000 3-HEXEN-OL, 2-AMINOBENZOATE, (Z)-
UPDT:8401 CAS: 65405-76-7 MW: 219.31 MOLFM: C13-H17-N-O2
SYN: 3-HEXEN-1-YL 2-AMINOBENZOATE * cis-3-HEXENYL ANTHRANILATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),711,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

4-HEXEN-1-OL, 1,5-DIMETHYL-1-VINYL-, o-AMINOBENZOATE see: CB3250000
4-HEXEN-1-OL, 1,5-DIMETHYL-1-VINYL-, BENZOATE see: DH3300000
4-HEXEN-1-OL, 1,5-DIMETHYL-1-VINYL-, CINNAMATE see: GD9700000

MP8550000 3-HEXEN-1-OL, FORMATE, (Z)-
UPDT:8305 CAS: 33467-73-1 MW: 128.19 MOLFM: C7-H12-O2
SYN: cis-3-HEXENYL FORMATE * beta,gamma-HEXENYL METHANOATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,797,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2-HEXEN-5,1-OLIDE see: UQ0525000

MP8580000 2-HEXEN-1-OL, 2-ISOPROPYL-5-METHYL-
UPDT:8305 CAS: 40853-53-0 MW: 156.30 MOLFM: C10-H20-O
SYN: 2-HEXEN-1-OL, 5-METHYL-2-(1-METHYLETHYL)- * ISODIHYDROLAVANDULOL * 2-ISOPROPYL-5-METHYL-2-HEXEN-1-OL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,319,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2-HEXEN-1-OL, 2-ISOPROPYL-5-METHYL-, ACETATE see: AI5000000

MP8625000 4-HEXEN-1-OL, 5-METHYL-2-(1-(METHYLETHENYL)-, ACETATE
UPDT:8305 CAS: 20777-39-3 MW: 196.32 MOLFM: C12-H20-O2
SYN: LAVANDULYL ACETATE * 5-METHYL-2-(1-METHYLETHENYL)-4-HEXEN-1-OL ACETATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,805,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2-HEXEN-1-OL, 5-METHYL-2-(1-METHYLETHYL)- see: MP8580000
4-HEXEN-1-OL, 5-METHYL-2-(1-METHYLETHYLIDENE)-, ACETATE, DIHYDRO deriv. see: AI5000000

MP8645000 2-HEXEN-1-OL, PROPANOATE, (E)-
UPDT:8305 CAS: 53398-80-4 MW: 156.25 MOLFM: C9-H16-O2
SYN: 2-HEXENYL PROPANOATE * trans-2-HEXENYL PROPIONATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,807,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MP8645100 3-HEXEN-1-OL, PROPANOATE (Z)-
UPDT:8305 CAS: 33467-74-2 MW: 156.25 MOLFM: C9-H16-O2
SYN: beta,gamma-HEXENYL PROPANOATE * cis-3-HEXENYL PROPIONATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,805,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MP8750000 3-HEXEN-2-ONE, 5-METHYL-
UPDT:8307 CAS: 5166-53-0 MW: 112.19 MOLFM: C7-H12-O
SYN: 5-METHYL-3-HEXEN-2-ONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1680 mg/kg TXAPA9 28,313,74
* ihl-rat LCLo:500 ppm/4H TXAPA9 28,313,74
* skn-rbt LD50:450 mg/kg TXAPA9 28,313,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MP8930000 beta-D-erythro-HEX-2-ENOPYRANURONIC ACID, 4-((3-AMINO-5-((AMINOIMINOMETHYL)AMINO)- 1-OXOPENTYL)AMINO)-1-(4-AMINO-2-OXO-1(2H)-PYRIMIDINYL)-1,2,3,4-TETRADEOXY-, (S)-
UPDT:8311 CAS: 63257-29-4 MW: 408.48 MOLFM: C16-H24-N8-O5
SYN: DEMETHYLBLASTICIDIN S
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:35 mg/kg JANTAJ 30,1022,77

MP8931000 D-erythro-HEX-2-ENOPYRANURONIC ACID, 4-(3-AMINO-5-(1-HYDROXY-N-METHYLAMIDINO)VALERAMIDO)-1- (4-AMINO-2-OXO-1(2H)-PYRIMIDINYL)-1,2,3,4-TETRADEOXY-
UPDT:8309 MW: 423.49 MOLFM: C17-H25-N7-O6
SYN: ANTIBIOTIC U-1 * DESAMINOHYDROXYBLASTICIDIN-S * U-1
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:200 mg/kg 85GDA2 5,223,81

HEX-2-ENYL ACETATE see: MP8425000
2-HEXENYL ACETATE see: MP8425000
(E)-2-HEXENYL ACETATE see: MP8425000
2-HEXEN-1-YL-ACETATE see: MP8425000
trans-2-HEXENYL ACETATE see: MP8425000

MP9800000 4-HEXENYLAMINE, N,1,5-TRIMETHYL-, TARTRATE (1:1)
UPDT:8403 CAS: 5984-50-9 MW: 291.39 MOLFM: C9-H19-N C4-H6-O6
SYN: ISOMETHEPTENE BITARTRATE * 2-METHYLAMINO-ISO-OCTENE BITARTRATE * OCTIN BITARTRATE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:130 mg/kg JPETAB 81,235,44
orl-dog LD50:148 mg/kg JPETAB 92,214,48

3-HEXEN-1-YL 2-AMINOBENZOATE see: MP8435000
cis-3-HEXENYL ANTHRANILATE see: MP8435000
cis-3-HEXENYL BENZOATE see: DH1442500
HEXENYL CYCLOPENTANONE see: GY4970000
2-(2-HEXENYL CYCLOPENTANONE) see: GY4970000
cis-3-HEXENYL FORMATE see: MP8550000
beta,gamma-HEXENYL ISOBUTANOATE see: UA2470200
cis-3-HEXENYL ISOBUTYRATE see: UA2470200

MP9880500 5-HEXEN-3-YN-2-OL, 2-METHYL-
UPDT:8408 CAS: 690-94-8 MW: 110.17 MOLFM: C7-H10-O
SYN: DIMETHYL(VINYL)ETHYNYLCARBINOL * 2-METHYL-5-HEXEN-3-YN-2-OL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:600 mg/kg 85GMAT -,60,82
* orl-mus LD50:590 mg/kg 85GMAT -,60,82

* ihl-mus LC50:30 mg/m3/2H 85GMAT -,60,82
* orl-rbt LD50:800 mg/kg 85GMAT -,60,82
* orl-gpg LD50:600 mg/kg 85GMAT -,60,82

beta,gamma-HEXENYL METHANOATE see: MP8550000
cis-3-HEXENYL-2-METHYL-trans-2-BUTENOATE see: EM9253500
cis-HEXENYL OXYACETALDEHYDE see: AB2910000
cis-3-HEXENYL PHENYLACETATE see: CY1630000
2-HEXENYL PROPANOATE see: MP8645000
beta,gamma-HEXENYL PROPANOATE see: MP8645100
cis-3-HEXENYL PROPIONATE see: MP8645100
trans-2-HEXENYL PROPIONATE see: MP8645000
beta,gamma-cis-HEXENYL SALICYLATE see: VO3500000
cis-3-HEXENYL SALICYLATE see: VO3500000
cis-3-HEXENYL TIGLATE see: EM9253500
beta,gamma-HEXENYL alpha-TOLUATE see: CY1630000

MQ0175000 4-HEXEN-1-YN-3-OL
UPDT:8307 CAS: 10138-60-0 MW: 96.14 MOLFM: C6-H8-O
SYN: 4-HEXENE-1-YNE-3-OL
IRRITATION DATA AND REFERENCES:
skn-rbt 9090 ug/24H open MLD AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:34 mg/kg AIHAAP 23,95,62
* ihl-rat LCLo:62 ppm/4H AIHAAP 23,95,62
1R10 skn-rbt LD50:71 mg/kg AIHAAP 23,95,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MQ0350000 4-HEXEN-1-YN-3-ONE
UPDT:8303 CAS: 13061-80-8 MW: 94.12 MOLFM: C6-H6-O
SYN: 4-HEXENE-1-YNE-3-ONE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:71 mg/kg AIHAAP 23,95,62
* ihl-rat LCLo:13 ppm/4H AIHAAP 23,95,62
1R10 skn-rbt LD50:100 mg/kg AIHAAP 23,95,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HEXERMIN see: UV1350000
HEXESTROL see: SL0560850
meso-HEXESTROL see: SL0560850
HEXETHAL SODIUM see: CQ4900000
HEXICIDE see: GV4900000
HEXIDE see: SM0700000
HEXILMETHYLENAMINE see: MN4725000

MQ0880000 HEXITOL
UPDT:8406 CAS: 45007-61-2 MW: 182.20 MOLFM: C6-H14-O6
SYN: HEXAHYDRIC ALCOHOL
TOXICITY DATA AND REFERENCES:
1K12 orl-man TDLo:713 mg/kg/D JAMAAP 244,270,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HEXMETHYLPHOSPHORAMIDE see: TD0875000
HEXOBARBITAL see: CQ2625000
HEXOBARBITAL Na see: CQ2800000
HEXOBARBITAL SODIUM see: CQ2800000
HEXOBARBITAL, SODIUM deriv. see: CQ2800000
HEXOBARBITAL SOLUBLE see: CQ2800000
HEXOBARBITONE see: CQ2625000
HEXOBARBITONE Na see: CQ2800000
HEXOBARBITONE SODIUM see: CQ2800000
HEXOBION see: UV1350000
HEXOESTROL see: SL0560850
DL-HEXOESTROL see: SL0560820
HEXOFEN see: SC4900000
HEXOGEEN (Dutch) see: XY9450000
HEXOGEN see: XY9450000
HEXOGEN (Explosive) see: XY9450000
HEXOGEN SW see: XY9450000
n-HEXOIC ACID see: MO5250000
1,6-HEXOLACTAM see: CM3675000
HEXOLITE see: XY9450000
HEXOLITE, dry or containing, by weight, less than 15% water (DOT) see: XY9450000
HEXON (Czech) see: SA9275000
HEXON CHLORIDE see: BQ8650000
HEXONE see: SA9275000
HEXONE CHLORIDE see: BQ8650000
HEXONIUM DIBROMIDE see: BQ8575000
HEXOPAL see: NM7535400
HEXOPHENE see: SM0700000
HEXOPRENALINE DIHYDROCHLORIDE see: DO6349000
HEXOPRENALINE SULFATE see: DO6350000
HEXOPROPYNATE see: FD11[illegible]0000
HEXOSAN see: SM0700000

MQ3325000 D-arabino-HEXOSE, 2-DEOXY-
UPDT:8402 CAS: 154-17-6 MW: 164.18 MOLFM: C6-H12-O5
SYN: 2-DEOXY-D-ARABINO-HEXOSE * D-2-DEOXYGLUCOSE * 2-DEOXYGLUCOSE * 2-DEOXY-D-GLUCOSE * 2-DESOXY-D-GLUCOSE (French) * 2-DG * GLUCOSE, 2-DEOXY- * D-GLUCOSE, 2-DEOXY- * NSC 15193
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:2 gm/kg (7-8D preg) 85DJA5 -,95,71
1T34 orl-rat TDLo:4 gm/kg (7-14D preg) 85DJA5 -,95,71
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:250 mg/kg APFRAD 39,327,81
ipr-rat LD50:2000 mg/kg JPPMAB 17,814,65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HEXOXYACETALDEHYDE DIMETHYLACETAL see: AB2915000
beta-HEXOXYACETALDEHYDE DIMETHYLACETAL see: AB2915000
2-HEXOXYACETALDEHYDE DIMETHYLACETAL see: AB2915000
n-HEXOXYETHOXYETHANOL see: KL2625000
HEXTEROAUXIN see: NL3150000

MQ3570000 alpha-L-xylo-2-HEXULOFURANOSONIC ACID, 2,3:4,6-BIS-O-(1-METHYLETHYLIDENE)-, SODIUM SALT
UPDT:8309 CAS: 52508-35-7 MW: 296.28 MOLFM: C12-H17-O7 Na
SYN: ATRINAL * DIKEGULAC (German) * DIKEGULAC SODIUM * NATRIUM-2,3:4,6-DI-O-ISOPROPYLIDEN-2-KETO-L-GULONAT (German) * RC 7-6145
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:18000 mg/kg YKCHA2 -,520,83
orl-mus LD50:19500 mg/kg 85DPAN -,-,71/76

HEXYCLAN see: GV4900000
HEXYCLAN see: GV4950000
HEXYL (German, Dutch) see: JJ9275000
HEXYL ACETATE see: AI0875000
n-HEXYL ACETATE see: AI0875000
sec-HEXYL ACETATE see: SA7525000
I-HEXYL ACETATE see: AI0875000
beta-HEXYLACROLEIN see: RA8509000
HEXYL ACRYLATE see: AT1450000
n-HEXYL ACRYLATE see: AT1450000

MQ4025000 HEXYL ALCOHOL
UPDT:8412 CAS: 111-27-3 MW: 102.20 MOLFM: C6-H14-O
SYN: AMYLCARBINOL * CAPROYL ALCOHOL * EPAL 6 * HEXANOL * n-HEXANOL * 1-HEXANOL * n-HEXANOL (DOT) * n-HEXYL ALCOHOL * 1-HYDROXYHEXANE * PENTYLCARBINOL * UN 2282 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 410 mg open MLD UCDS** 4/21/67
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
eye-rbt 250 ug open SEV AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:720 mg/kg SAMJAF 43,795,69
orl-mus LD50:1950 mg/kg MYSAAV 31,310,66
* ivn-mus LD50:103 mg/kg AIPTAK 135,330,62
* skn-rbt LD50:3100 mg/kg AMIHBC 4,119,51
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

n-HEXYL ALCOHOL see: MQ4025000
sec-HEXYL ALCOHOL see: EL3850000

MQ4250000 tert-HEXYL ALCOHOL
UPDT:8408 CAS: 26401-20-7 MW: 102.20 MOLFM: C6-H14-O
SYN: tert-HEXANOL (9CI) * tert-HEXANOL (DOT) * UN 2282 (DOT)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:500 mg/kg 85GMAT -,74,82
* orl-mus LD50:350 mg/kg 85GMAT -,74,82
* ivn-mus LD50:243 mg/kg AIPTAK 135,330,62
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HEXYL ALCOHOL, ACETATE see: AI0875000

MQ4540000 HEXYLAMINE
UPDT:8407 CAS: 111-26-2 MW: 101.22 MOLFM: C6-H15-N
SYN: 1-AMINOHEXANE * 1-HEXANAMINE * n-HEXYLAMINE * MONO-N-HEXYLAMINE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 10,61,54
skn-rbt 500 mg open SEV UCDS** 11/3/71
eye-rbt 5 mg MOD UCDS** 11/3/71
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:670 mg/kg AMIHBC 10,61,54
* ihl-rat LCLo:500 ppm/4H AEHLAU 1,343,60
ipr-mus LDLo:16 mg/kg CBCCT* 2,188,50
* skn-rbt LD50:420 mg/kg AEHLAU 1,343,60
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

n-HEXYLAMINE see: MQ4540000

MQ4900000 HEXYLAMINE, N,1-DIMETHYL-, HYDROCHLORIDE
UPDT:8405 CAS: 5787-73-5 MW: 165.74 MOLFM: C8-H19-N Cl-H
SYN: N,1-DIMETHYLHEXYLAMINE HYDROCHLORIDE * EA-1 HYDROCHLORIDE * 2-METHYLAMINO-HEPTANE HYDROCHLORIDE * NEOSUPRANOL HYDROCHLORIDE * OENETHYL HYDROCHLORIDE * PACAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F27 orl-man TDLo:2857 ug/kg JAPMA8 39,12,50
2F27R20 scu-man TDLo:1428 ug/kg JAPMA8 39,12,50
1F12 orl-rat LD50:320 mg/kg JAPMA8 39,12,50
ipr-rat LD50:60 mg/kg JPETAB 81,235,44
1F12 scu-rat LD50:60 mg/kg JAPMA8 39,12,50
1F12 scu-mus LD50:102 mg/kg JAPMA8 39,12,50
1F12 ivn-mus LD50:36 mg/kg JAPMA8 39,12,50
2E01R21 ivn-dog LD50:26 mg/kg JAPMA8 39,12,50
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MQ5075600 1-HEXYLAMINE, 3,3-DIPHENYL-4-IMINO-2-METHYL-, DIHYDROCHLORIDE
UPDT:8408 MW: 395.48 MOLFM: C23-H32-N 2Cl-H
SYN: 3,3-DIPHENYL-4-IMINO-2-METHYL-1-HEXYLAMINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:12 mg/kg JCSOA9 -,2158,50

MQ5250000 HEXYLAMINE, 2-ETHYL-
UPDT:8312 CAS: 104-75-6 MW: 129.28 MOLFM: C8-H19-N
SYN: 1-AMINO-2-ETHYLHEXAN (Czech) * 2-ETHYL HEXYLAMINE * 2-ETHYLHEXYLAMINE (DOT) * UN 2276 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MOD UCDS** 2/20/63
skn-rbt 50 mg/24H SEV 28ZPAK -,62,72
eye-rbt 50 ug/24H SEV 28ZPAK -,62,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:450 mg/kg UCDS** 2/20/63
* ihl-rat LCLo:250 ppm/4H AEHLAU 1,343,60
ipr-mus LDLo:4 mg/kg CBCCT* 2,189,50
skn-rbt LD50:600 mg/kg UCDS** 2/20/63
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE, FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MQ5425000 HEXYLAMINE, 1-METHYL-
UPDT:8306 CAS: 123-82-0 MW: 115.25 MOLFM: C7-H17-N
SYN: dl-2-AMINOHEPTANE * ARMEEN L-7 * HEPTAMINE * 2-HEPTANAMINE * HEPTEDRINE * 2-HEPTYLAMINE * 1-METHYLHEXYLAMINE * RINEPTIL * TUAMINE * TUAMINOHEPTANE
TOXICITY DATA AND REFERENCES:
scu-rat LD50:130 mg/kg JPETAB 85,119,45
ipr-mus LDLo:3.9 mg/kg CBCCT* 2,189,50
* scu-mus LD50:115 mg/kg FEPRA7 4,139,45
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MQ5600000 HEXYLAMINE, 1-METHYL-, SULFATE
UPDT:8405 CAS: 6411-75-2 MW: 328.58 MOLFM: C14-H34-N2 H2-O4-S

SYN: 2-AMINOHEPTANE SULFATE * 2-HEPTANAMINE, SULFATE (2:1) * 1-METHYLHEXYLAMINE SULFATE * TUAMINE SULFATE * TUAMINOHEPTANE SULFATE

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:60 mg/kg	JPETAB 81,235,44
1F12	ivn-rat LD50:47300 ug/kg	JAPMA8 42,107,53
1F12	scu-mus LD50:100 mg/kg	JAPMA8 39,12,50
1F12	ivn-mus LD50:16300 ug/kg	JAPMA8 42,107,53

9-((3-HEXYLAMINO)PROPYL)AMINO)-1-NITROACRIDINE DIHYDROCHLORIDE see: TX8040000
3-(3-HEXYLAMINOPROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6272000
2-(HEXYLAMINO)-2',4',6'-TRIMETHYLACETANILIDE see: AE3940000
HEXYLAN see: GV3150000
5-n-HEXYL-1,2-BENZANTHACENE see: CW7700000
4-HEXYL-1,3-BENZENEDIOL see: VH1575000
HEXYL BENZOATE see: DH1490000
n-HEXYLBENZOATE see: DH1490000
1-HEXYLBIGUANIDE HYDROCHLORIDE see: DU1960000
N-HEXYL BROMIDE of 1-METHYLENEPYRROLIZIDINE see: UY8420000
HEXYL BUTANOATE see: ET4203000
n-HEXYL BUTANOATE see: ET4203000
n-HEXYL n-BUTANOATE see: ET4203000
HEXYL 2-BUTENOATE see: GQ4222000
n-HEXYL 2-BUTENOATE see: GQ4222000
HEXYL BUTYRATE see: ET4203000
n-HEXYL BUTYRATE see: ET4203000
1-HEXYL BUTYRATE see: ET4203000
gamma-n-HEXYL-gamma-BUTYROLACTONE see: LU4600000
HEXYLCAINE HYDROCHLORIDE see: UA9800000
HEXYL CAPROATE see: MO8385000
HEXYL CAPRYLATE see: RH0763500
n-HEXYL CAPRYLATE see: RH0763500
1-HEXYLCARBAMOYL-5-FLUOROURACIL see: UV7714000
1-HEXYLCARBAMOYL-5-FLUOROURACIL see: UV7714800
HEXYL CARBITOL see: KL2625000
n-HEXYL CARBITOL see: KL2625000
2-HEXYL-4-CHLOROPHENOL see: SK4375000
HEXYL CINNAMALDEHYDE see: GD6560000
alpha-HEXYLCINNAMALDEHYDE see: GD6560000
HEXYL CINNAMIC ALDEHYDE see: GD6560000
alpha-HEXYLCINNAMIC ALDEHYDE see: GD6560000
HEXYL CROTONATE see: GQ4222000
2-n-HEXYL-2-CYCLOPENTEN-1-ONE see: GY7290000
4-HEXYL-1,3-DIHYDROXYBENZENE see: VH1575000
4-HEXYL-3-(2,4-DIMETHYL-5-CARBOETHOXYPYRROLYL-3)-PYRAZOLONE-5 see: UX9359500
HEXYLENE GLYCOL see: SA0810000
cis-beta,gamma-HEXYLENIC ALDEHYDE see: MP5940000
HEXYL ETHANOATE see: AI0875000
HEXYL ETHER see: KN8600000
N-HEXYL ETHER see: KN8600000
HEXYL FUMARATE see: LT1455000
n-HEXYL HEXANOATE see: MO8385000
HEXYL HEXOATE see: MO8385000
HEXYL p-HYDROXYBENZOATE see: DH2204000
HEXYL 4-HYDROXYBENZOATE see: DH2204000
4-HEXYL-6-(2-HYDROXY-3,5-DIBROMOPHENYLIMINOMETHYL)RESORCINOL see: VH0650000
N-HEXYL-4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)BENZAMIDE see: CV5047000
N-HEXYL-N'-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)UREA see: YT4730000
6-HEXYL-7-HYDROXY-3-(2-METHYLTHIAZOL-4-YL)CHROMONE ACETATE (ester) see: GB8173700
HEXYL ISOBUTANOATE see: NQ4695000
n-HEXYL ISOBUTANOATE see: NQ4695000
HEXYL ISOBUTYRATE see: NQ4695000
n-HEXYL ISOBUTYRATE see: NQ4695000
1-HEXYL ISOBUTYRATE see: NQ4695000
HEXYL MERCURY BROMIDE see: OV7424000
n-HEXYL trans-2-METHYL-2-BUTENOATE see: GQ5780000
HEXYL 2-METHYLBUTYRATE see: ET5675000
3-HEXYL-5-(3,4-METHYLENEDIOXYPHENYL)-2-CYCLOHEXEN-1-ONE see: GW7200000
(S)-4-HEXYL-1-METHYLENEHEXAHYDRO-1H-PYRROLIZINIUM BROMIDE see: UY8420000
5-HEXYL-6-METHYL-4-PYRIMIDINOL see: UW6190000
2-(6-HEXYL-3-(2-METHYLTHIAZOL-4-YL)-4-OXO-4H-1-BENZOPYRAN-7-YLOXY)ACETIC ACID ETHYL ESTER see: AI0930000
HEXYL NEOPENTANOATE see: TO7876600
1-HEXYL-1-NITROSOUREA see: YT4760000
HEXYL OCTANOATE see: RH0763500
2-HEXYLOCTANOIC ACID 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER DIHYDROCHLORIDE see: RH0764000
4-(HEXYLOXY)BENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DD3635000
o-(HEXYLOXY)CARBANILIC ACID 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER HYDROCHLORIDE see: FD8943800 CARBANILIC ACID, o-(HEXYLOXY)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER,HYDROCHLORIDE
o-(HEXYLOXY)CARBANILIC ACID 3-PIPERIDINOPROPYL ESTER HYDROCHLORIDE see: FD8944000CARBANILIC ACID, o-(HEXYLOXY)-, 3-PIPERIDINOPROPYL ESTER, HYDROCHLORIDE
o-(HEXYLOXY)CARBANILIC ACID 3-(1-PYRROLIDINYL)PROPYL ESTER HYDROCHLORIDE see: FD8944500CARBANILIC ACID, o-(HEXYLOXY)-, 3-(1-PYRROLIDINYL)PROPYL ESTER, HYDROCHLORIDE
2-((2-HEXYLOXY)ETHOXY)ETHANOL see: KL2625000
2-HEXYLOXY-2-ETHOXYETHYL ETHER see: KN3240000
1-(alpha-HEXYLOXYETHYL)INDOLE see: NL8793450
2-HEXYLOXY-2-ETHYLOXYETHYL ETHER see: KN3240000
4'-(HEXYLOXY)-3-MORPHOLINOPROPIOPHENONE HYDROCHLORIDE see: UH1859000
4-(2-(p-(HEXYLOXY)PHENOXY)ETHYL)MORPHOLINE HYDROCHLORIDE see: QE4855000
1-(2-(p-(HEXYLOXY)PHENOXY)ETHYL)PIPERIDINE HYDROCHLORIDE see: TN0398000
4'-(HEXYLOXY)-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE see: UH1860000
4-HEXYLOXY-beta-(1-PIPERIDYL)PROPIOPHENONE HYDROCHLORIDE see: UH1860000
alpha-n-HEXYL-beta-PHENYLACROLEIN see: GD6560000
2-HEXYL-3-PHENYLBICARBAMIMIDE see: DT4393700
HEXYLPHOSPHONIC ACID DIETHYL ESTER see: SZ8561000
HEXYLPOTASSIUM XANTHOGENATE see: FG1580500
HEXYL 2-PROPENOATE see: AT1450000
5-HEXYL-4-PYRIMIDINOL see: UW6180000
HEXYLRESORCIN (German) see: VH1575000
4-HEXYLRESORCINE see: VH1575000
HEXYLRESORCINOL see: VH1575000
p-HEXYLRESORCINOL see: VH1575000
4-HEXYLRESORCINOL see: VH1575000
4-n-HEXYLRESORCINOL see: VH1575000
4'-(HEXYLSELENO)-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE see: UH1900000
HEXYLTHIOCARBAM see: GU7200000
HEXYL TIGLATE see: GQ5780000
n-HEXYL TIGLINATE see: GQ5780000
HEXYLTRICHLOROSILANE see: VV4320000
HEXYLTRICHLOROSILANE (DOT) see: VV4320000
delta-HEXYLVALEROLACTONE see: UQ1320000
n-HEXYL VINYL SULFONE see: WR6650000

MQ9681000 4-HEXYN-1-AMINIUM, 6-HYDROXY-6-PHENYL-N,N,N-TRIETHYL-, IODIDE
UPDT:8311 CAS: 53310-21-7 MW: 401.37 MOLFM: C18-H28-N-O .I
SYN: 6-HYDROXY-6-PHENYL-N,N,N-TRIETHYL-4-HEXYN-1-AMINIUM IODIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:925 mg/kg	EJMCA5 9,59,74
*	ivn-mus LD50:16 mg/kg	EJMCA5 9,59,74

MQ9682000 4-HEXYN-1-AMINIUM, 6-HYDROXY-N,N,N-TRIETHYL-, IODIDE
UPDT:8311 CAS: 53310-17-1 MW: 325.27 MOLFM: C12-H24-N-O .I
SYN: 6-HYDROXY-N,N,N-TRIETHYL-4-HEXYN-1-AMINIUM IODIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LDLo:2000 mg/kg	EJMCA5 9,59,74

MQ9700000 3-HEXYNE, 1,2:5,6-DIEPOXY-2,5-DIMETHYL-
UPDT:8401 CAS: 42149-31-5 MW: 138.18 MOLFM: C8-H10-O2
SYN: 2,5-DIMETHYL-1,2,5,6-DIEPOXYHEX-3-YNE

TUMORIGENIC DATA AND REFERENCES:

2V02V10	scu-mus TDLo:1040 mg/kg/26W-I	JNCIAM 53,695,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MQ9750000 3-HEXYNE, 2,5-DIMETHYL-2,5-DI(t-BUTYLPEROXY)-
UPDT:8308 CAS: 1068-27-5 MW: 286.46 MOLFM: C16-H30-O4
SYN: 2,5-DIMETHYL-2,5-DI(t-BUTYLPEROXY)HEXYNE-3 * 2,5-DIMETHYL-2,5-DI-(tert-BUTYLPEROXY)HEXYNE-3, technically pure (DOT) * UN 2158 (DOT)

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:1850 mg/kg	BSPII* 1/75-198

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE	CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MQ9760000 3-HEXYNE, 2,5-DIMETHYL-2,5-DI(t-BUTYLPEROXY)-, maximum concentration 52% with inert solid
UPDT:8312 CAS: 1068-27-5 MW: 286.46 MOLFM: C16-H30-O4
SYN: 2,5-DIMETHYL-2,5-BIS-(tert-BUTYLPEROXY)HEXYNE-3, max. concent. 52% with inert solid (DOT) * UN 2159 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE	CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MR0182050 2-HEXYN-1-OL, 6-(DIETHYLAMINO)-
UPDT:8311 CAS: 53310-05-7 MW: 169.30 MOLFM: C10-H19-N-O
SYN: 6-(DIETHYLAMINO)-2-HEXYN-1-OL

TOXICITY DATA AND REFERENCES:

*	orl-mus LDLo:1000 mg/kg	EJMCA5 9,59,74

MR0182370 2-HEXYN-1-OL, 6-(1-PIPERIDINYL)-, HYDROCHLORIDE
UPDT:8311 CAS: 53310-25-1 MW: 217.77 MOLFM: C11-H19-N-O .Cl-H
SYN: 6-(1-PIPERIDINYL)-2-HEXYN-1-OL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:550 mg/kg	EJMCA5 9,59,74

HEYDEFLON see: KX4025000
HEYDEN 768 see: XQ4125000
HF-2 see: MF6570000
HF 10 see: WL6475000
HF 20 see: UD1842000
HF 55 see: WL6475000
HF 77 see: WL6475000
HF 264 see: DH8511000
HF-1854 see: HP1750000
HF 1977 see: HP2625000
HF-2733 see: HO2840000
HF3170 see: HQ4025000
HFA see: AH5950000
H-35-F 87 (BVM) see: TG0350000
HFDB 4201 see: TQ3325000
Hg 532 see: UB9275000
H.G. BLENDING see: VZ4725000
HG-203 CHLORMERODRIN see: OW1050000
Hg-HEMATOPORPHYRIN-NA see: OW2500000
HGI see: GV4900000
8HGQ see: LZ6320000
HH 102 see: WL6475000
HH 184 see: CP8575000
HH-197 see: ET5960000
HH 212 see: TN2855000
HHDN see: IO2100000
HHI 11 see: WL6475000
H 1076 HYDROCHLORIDE see: YE0620000
HI-6 see: UU2990000
HIA see: NS1750000
HI-A-VITA see: VH6750000
HIBANIL see: SN8925000
HIBANIL see: SO1750000
HIBAWOOD OIL see: RI7230500
HIBERNA see: SO6825000
HIBERNAL see: SN8925000
HIBERNAL see: SO1750000
HIBERNYL see: QD1575000
HIBESTROL see: WJ5600000
HIBICON see: UE3150000
HIBISCOLIDE see: JG7521400

MR1842000 HIBISCUS FURCATUS Roxb., extract
DEF:Indian plant belonging to the family MALVACEAE (IJEBA6 12,512,74)
UPDT:8305
SYN: RAN-BHINDI EXTRACT

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1000 mg/kg	IJEBA6 12,512,74

MR1843200 HIBISCUS ROSA-SINENSIS Linn., extract excluding roots
DEF:Indian plant belonging to the family MALVACEAE (IJEBA6 7,250,69)
UPDT:8306
SYN: GUDHAL EXTRACT * GURHAL EXTRACT

TOXICITY DATA AND REFERENCES:

2H02U26	ipr-mus LD50:1000 mg/kg	IJEBA6 7,250,69

MR1850000 HIBISCUS ROSA-SINENSIS, flower extract
UPDT:8408

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	orl-rat TDLo:1050 mg/kg (7D pre)	IJEBA6 14,703,76

1T13 orl-rat TDLo:700 mg/kg (7D pre) IJEBA6 14,175,76

1T24 orl-rat TDLo:1400 mg/kg (1-7D preg) IJEBA6 14,623,75

1T01 orl-rat TDLo:18 gm/kg (1D male) JRPFA4 38,233,74

1T22 orl-rat TDLo:500 mg/kg (1-5D preg) IJMRAQ 59,777,70

1T01 scu-mam TDLo:300 mg/kg (1D male) IJEBA6 18,1405,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MR1853000 HIBISCUS SABDARIFFA Linn., extract excluding roots

DEF:Indian plant belonging to the family MALVACEAE (IJEBA6 18,594,80)

UPDT:8412

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

MR1855000 HIBISCUS VITIFOLIUS Linn., extract excluding roots

DEF:Indian plant belonging to the family MALVACEAE (IJEBA6 12,512,74)

UPDT:8407

SYN: BANKAPAS EXTRACT

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:147 mg/kg IJEBA6 12,512,74

HIBITANE see: DU1925000

HIBITANE DIACETATE see: DU1930000

HIBLEN B 202 see: AT6970000

MR1876000 HIBOR C

DEF:Contains 64% SODIUM METABORATE TETRAHYDRATE, 30% SODIUM CHLORATE and 4% BROMACIL(FMCHA2 -,C126,83)

UPDT:8310

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2700 mg/kg FMCHA2 -,C126,83

HIBROM see: TB9450000

MR1898000 HICALIQ

DEF:Consists of GLUCOSE, POTASSIUM ACETATE, CALCIUM GLUCONATE, MAGNESIUM SULFATE, andPOTASSIUM PHOSPHATE DIBASIC (NIIRDN 6,570,82)

UPDT:8303

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:39 gm/kg NIIRDN 6,570,82

* ivn-rbt LD50:58 gm/kg NIIRDN 6,570,82

HICO CCC see: BP5250000

HIDACHROME ORANGE R see: VO5310000

HIDACID AMARANTH see: QJ6550000

HIDACID AZO RUBINE see: QK1925000

HIDACID AZURE BLUE see: BQ4550000

HIDACID BLUE V see: BP6830000

HIDACID BOILING BROMO see: LM5850000

HIDACID BROMO ACID REGULAR see: LM5850000

HIDACID DIBROMO FLUORESCEIN see: LM5850000

HIDACID EMERALD GREEN see: BQ4375000

HIDACID EOSINE SODA SALT see: LM5850000

HIDACID FAST CRIMSON see: QJ6030000

HIDACID FAST ORANGE G see: QJ6500000

HIDACID FAST ORANGE 2G see: QJ6500000

HIDACID FAST SCARLET 3R see: QJ6530000

HIDACID METANIL YELLOW see: DB7329500

HIDACID ORANGE II see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT

HIDACID SCARLET 2R see: QJ6825000

HIDACID URANINE see: LM5425000

HIDACID WHITE BROMO see: LM5850000

HIDACID WOOL GREEN see: BQ1150000

HIDACID WOOL VIOLET 5B see: BQ1140000

HIDACO BRILLIANT CRYSTAL VIOLET see: BO9000000

HIDACO BRILLIANT GREEN see: BP6825000

HIDACO CRYSTAL VIOLET see: BO9000000

HIDACO METHYLENE BLUE SALT FREE see: SO5600000

HIDACO OIL ORANGE see: QL4900000

HIDACO OIL RED see: QL5775000

HIDACO OIL YELLOW see: XU8800000

HIDACO SAFRANINE see: SG1623000

HIDAN see: MU1050000

HIDANTAL see: MU1050000

HIDANTAL SODIUM see: MU1400000

HIDANTILO see: MU1050000

HIDANTINA see: MU1050000

HIDANTINA SENOSIAN see: MU1050000

HIDANTINA VITORIA see: MU1050000

HIDANTOMIN see: MU1050000

HIDAZID TARTRAZINE see: UQ6400000

HI-DERATOL see: KE1050000

HIDRALAZIN see: TH8925000

HIDRALAZIN see: TH9000000

HIDRANIZIL see: NS1750000

HIDRASONIL see: NS1750000

HIDRIL see: DK9100000

HIDRIX see: YT4900000

HIDROCHLORTIAZID see: DK9100000

HIDRO-COLISONA see: GM8925000

HIDROESTRON see: KG4050000

HIDROMEDIN see: AG6600000

HIDRORONOL see: DK9100000

HIDROTIAZIDA see: DK9100000

N-(trans-4-HIDROXICICLOHEXIL)-(2-AMINO-3,5-DIBROMOBENCIL)AMINA (Spanish) see: GV8423000

HIDROXIFENAMATO see: EK2450000

HIDROXITEOFILLINA see: XH5100000

HIDRULTA see: NS1750000

HIDRUN see: NS1750000

HI-ENTEROL see: VC5075000

HIESTRONE see: KG8575000

HI-FAX see: TQ3325000

HI-FAX 1900 see: TQ3325000

HI-FAX 4401 see: TQ3325000

HI-FAX 4601 see: TQ3325000

HI-FLASH NAPHTHAYETHYLEN see: DE3030000

HIFOL see: DC8400000

HIGH NAPHTHENIC SOLVENT see: SE7546500

HIGH SPEED see: ZG9150000

HIGILITE see: BD0940000

HIGILITE H 32 see: BD0940000

HIGILITE H 42 see: BD0940000

HIGILITE H 315 see: BD0940000

HIGOSAN see: OW0875000

HIJAL EXTRACT (Indian) see: CR1285000

HI-JEL see: CT9450000

HIKIZIMYCIN see: UW7350200

HILDAN see: RB9275000

HILDIT see: KJ3325000

HILFOL 18.5 EC see: DC8400000

HILOMID see: CV3459020

HILONG see: DF1400000

HILTHION see: WM8400000

HILTHION 25WDP see: WM8400000

HILTONIL FAST BLUE B BASE see: DD0875000

HILTONIL FAST ORANGE GR BASE see: BY6650000

HILTONIL FAST ORANGE R BASE see: BY6825000

HILTONIL FAST RED 3GL BASE see: BX1575000

HILTONIL FAST RED KB BASE see: XU5075000

HILTONIL FAST SCARLET G BASE see: XU8225000

HILTONIL FAST SCARLET GC BASE see: XU8225000

HILTONIL FAST SCARLET G SALT see: XU8225000

HILTOSAL FAST BLUE B SALT see: DD0875000

HILTOSAL FAST ORANGE GR SALT see: BY6650000

HILTOSAL FAST RED 3GL SALT see: BX1575000

HINDASOL BLUE B SALT see: DD0875000

HINDASOL ORANGE GR SALT see: BY6650000

HINDASOL RED TR SALT see: XU5250000

HINDATAL see: MU1050000

H. INFLUENZAE ENDOTOXIN, NaCl-citrate extract see: JZ2674000

H. INFLUENZAE ENDOTOXIN, phenol water extract see: JZ2674400

HINGAN STEM BARK EXTRACT (Indian) see: CP2275500

HINGCHA EXTRACT (Indian) see: JZ5183000

HINOKITIOL see: GU4200000

HINOKITOL see: GU4200000

HINOSAN see: TE3850000

HIOHEX CHLORIDE see: BQ8650000

HIP see: FB7875000

MR8070000 HIPAN-1

DEF:Contains 15% HIPAN, 2.8% ACRYLAMIDE, 0.1% AMMONIUM HYDROXIDE, 0.1% NITROACRYLIC ACID and82% water (GISAAA 48(5),20,83)

UPDT:8412

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2440 mg/kg GISAAA 48(5),20,83

* orl-mus LD50:2440 mg/kg GISAAA 48(5),20,83

HIPERCILINA see: XH9700000

HIPHYLLIN see: XH5100000

HIPNAX see: DF2450000

HIPOFTALIN see: TH8925000

HIPOFTALIN see: TH9000000

HI-POINT 90 see: EL9450000

HI-POINT 180 see: EL9470000

HI-POINT PD-1 see: EL9450000

HIPOSERPIL see: ZG0350000

MR8105000 HIPPEASTRUM sp., hybrid, flower extract

UPDT:8408

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:30 gm/kg JTEHD6 1,939,76

MR8106000 HIPPOCRATIA MACRANTHA Korth., extract excluding roots

DEF:Indian plant belonging to the family CELASTRACEAE (IJEBA6 15,208,77)

UPDT:8412

TOXICITY DATA AND REFERENCES:

2M10V30 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

HIPPODIN see: MR8162000

MR8120000 HIPPOPHAE SALICIFOLIA D. Don, bark extract

UPDT:8203

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T02T03 scu-rat TDLo:28 gm/kg (7D male) IJEBA6 3,206,65

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HIPPOPHAIN see: NM2450000

MR814[illegible]000 HIPPURAMIDE, N,N-DIETHYL-alpha-(3-PYRIDYLMETHYLENE)-

UPDT:8312 MW: 323.43 MOLFM: C19-H21-N3-O2

SYN: N,N-DIETHYL-alpha-(3-PYRIDYLMETHYLENE)HIPPURAMIDE

TOXICITY DATA AND REFERENCES:

1F12 ipr-mus LD50:126 mg/kg JPMSAE 50,602,61

MR8143000 HIPPURAMIDE, N,N-DIETHYL-alpha-(4-PYRIDYLMETHYLENE)

UPDT:8312 MW: 323.43 MOLFM: C19-H21-N3-O2

SYN: N,N-DIETHYL-alpha-(4-PYRIDYLMETHYLENE)HIPPURAMIDE

TOXICITY DATA AND REFERENCES:

1F12 ipr-mus LD50:132 mg/kg JPMSAE 50,602,61

HIPPURAN see: MR8162000

MR8150000 HIPPURIC ACID

UPDT:8404 CAS: 495-69-2 MW: 179.19 MOLFM: C9-H9-N-O3

SYN: ACIDO IPPURICO (Italian) * BENZAMIDOACETIC ACID * BENZOYLGLYCINE * GLYCINE, N-BENZOYL- * PHENYLCARBONYLAMINOACETIC ACID

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:1500 mg/kg BCFAAI 112,53,73

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 8300 and 8301

REPORTED IN EPA TSCA INVENTORY, 1983

MR8158000 HIPPURIC ACID, 2,5-DIIODO-

UPDT:8405 MW: 430.97 MOLFM: C9-H7-I2-N-O3

SYN: 2,5-DIIODOHIPPURIC ACID

TOXICITY DATA AND REFERENCES:

* unk-rat LD50:1200 mg/kg JAPMA8 42,721,53

MR8158500 HIPPURIC ACID, 3,4-DIIODO-

UPDT:8405 MW: 430.97 MOLFM: C9-H7-I2-N-O3

SYN: 3,4-DIIODOHIPPURIC ACID

TOXICITY DATA AND REFERENCES:

* unk-rat LDLo:500 mg/kg JAPMA8 42,721,53

MR8161000 HIPPURIC ACID, m-IODO-

UPDT:8405 CAS: 52386-94-4 MW: 305.08 MOLFM: C9-H8-I-N-O3

SYN: GLYCINE, N-(3-IODOBENZOYL)- (9CI) * m-IODOHIPPURIC ACID

TOXICITY DATA AND REFERENCES:

* unk-rat LDLo:1500 mg/kg JAPMA8 42,721,53

MR8161500 HIPPURIC ACID, p-IODO-

UPDT:8405 CAS: 55790-22-2 MW: 305.08 MOLFM: C9-H8-I-N-O3

SYN: GLYCINE, N-(4-IODOBENZOYL)- (9CI) * p-IODOHIPPURIC ACID

TOXICITY DATA AND REFERENCES:

* unk-rat LDLo:1300 mg/kg JAPMA8 42,721,53

MR8162000 HIPPURIC ACID, o-IODO-, MONOSODIUM SALT

UPDT:8405 CAS: 133-17-5 MW: 328.07 MOLFM: C9-H8-I-N-O3 Na

SYN: GLYCIN, N-(2-IODOBENZOYL)-, MONOSODIUM SALT (9CI) * HIPPODIN * HIPPURAN * IODAIRAL * IODOHIPPURA * IODOHIPPURATE SODIUM * o-IODOHIPPURATE SODIUM * JODAIROL * o-JODHIPPURSAEURE NATRIUM (German) * MEDOPAQUE * ORTHOIODIN * RENUMBRAL * SODIUM IODOHIPPURATE * SODIUM o-IODOHIPPURATE * SODIUM ORTHOIODOHIPPURATE * UROCONTRAST

TOXICITY DATA AND REFERENCES:

ivn-rat LD50:4000 mg/kg JPETAB 116,394,56

---

* unk-rat LDLo:3100 mg/kg JAPMA8 42,721,53
ivn-mus LD50:3800 mg/kg MECHAN 6,290,63

MR8165000 HIPPURIC ACID, alpha-ISOPROPYLIDENE
UPDT 8303 MW: 235.32 MOLFM: C12-H13-N-O2-S
SYN: 2-BENZAMIDO-3-METHYLTHIO-CROTONIC ACID * BENZOYLAMINO-beta,beta-DIMETHYLACRYLIC THIOL ACID * CROTONIC ACID, 2-BENZAMIDO-3-METHYLTHIO-
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:800 mg/kg AIPTAK 136,452,62
HIPPUZON see: TI4375000
HIPSAL see: DF2450000
HIPTACHLOR EPOXIDE see: PB9450000

MR8240000 HIPTAGE BENGHALENSIS Kurz., extract excluding roots
DEF:Indian plant belonging to the family MALPIGHIACEAE (IJEBA6 9,91,71)
UPDT 8305
TOXICITY DATA AND REFERENCES:
3H30J30U26 ipr-mus LD50:750 mg/kg IJEBA6 9,91,71
HIPTAGENIC ACID see: UF6220000
HIRANTUTIYA CORM EXTRACT (Indian) see: GH0985000
HIROPON see: SH5075000

MR8400000 HIRSUTIC ACID N
UPDT 8408 CAS: 1403-74-3
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg 85GDA2 6,109,81
* ivn-mus LD50:25 mg/kg 85GDA2 6,109,81
* unk-mus LDLo 120 mg/kg 85ERAY 3,2036,78
HISERPIA see: ZG0350000
(L-HIS(sup 2)-L-GLY(sup 6))-LHRH see: OK6509000
(L-HIS(sup 2)-L-GLY(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6509000
HISHIREX 502 see: KV0350000
HISHIREX 502Z see: KV0350000
HISIL see: VV7322000
HI-SIL see: VV7310000
HI-SIL see: VV7322000
(D-HIS(sup 6)(IM-BZL)-PRO(sup 9)-NEt)-GONADOTROPIN RELEASING HORMONE see: OK6508000
(D-HIS(sup 6)(IM-BZL)-PRO(sup 9)-NEt)-GnRH see: OK6508000
(D-HIS(sup 6)(IM-BZL)-PRO(sup 9)-NEt)-LHRH see: OK6508000
(D-HIS(sup 6)(IM-BZL)-PRO(sup 9)-NEt)-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6508000
HISINDAMONE A see: NR3675000
HISPACET FAST YELLOW G see: AC3662000
HISPACID BRILLIANT SCARLET 3RF see: QJ6530000
HISPACID FAST BLUE R see: QJ6300000
HISPACID FAST CARMOISINE G see: QJ6030000
HISPACID FAST ORANGE 2G see: QJ6500000
HISPACID FAST YELLOW T see: UQ6400000
HISPACID GREEN GB see: BQ4375000
HISPACID ORANGE 1 see: DB7085000
HISPACID ORANGE AF see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
HISPACID PONCEAU R see: QJ6825000
HISPACID RED AM see: QJ6550000
HISPACID RUBINE F see: QK1925000
HISPACID YELLOW MG see: DB7329500
HISPACROM BLUE BG see: QK2195000
HISPACROM ORANGE R see: VO5310000
HISPALIT FAST SCARLET RN see: QK4247000
HISPALUZ BROWN BRL see: GL7375000
HISPAMIN BLACK EF see: QJ6160000
HISPAMIN BLUE 2B see: QJ6400000
HISPAMIN BLUE 3BX see: QJ6475000
HISPAMIN CONGO 4B see: QK1400000
HISPAMIN GREEN WT see: QJ6195050
HISPAMIN RED 4B see: QK1765000
HISPAMIN SKY BLUE 3B see: QJ6420000
HISPAMIN SKY BLUE 6B see: QJ6430000
HISPAMIN VIOLET 3R see: QK1420000
HISPAMIN YELLOW F see: GD0197800
HISPAVIC 229 see: KV0350000
HISPERSE YELLOW G see: AC3662000
HISPRIL see: TM7810000
HISTABID see: DO7525000
HISTABUTYZINE DIHYDROCHLORIDE see: TL0280000
HISTACAP see: UT0875000
HISTADUR see: US6379500
HISTADUR see: US6475000
HISTADUR DURA-TABS see: US6475000
HISTADYL see: UT1400000
HISTADYL see: UT1750000
HISTAFED see: UT1750000
HISTALEN see: US6475000
HISTALON see: UT0875000
HISTAMETHINE see: TL1970000
HISTAMETHIZINE see: TL1970000
HISTAMETIZINE see: TL1970000
HISTAMETIZYNE see: TL1970000

MS1050000 HISTAMINE
UPDT 8403 CAS: 51-45-6 MW: 111.17 MOLFM: C5-H9-N3
SYN: beta-AMINOETHYLGLYOXALINE * beta-AMINOETHYLIMIDAZOLE * ERAMIN * ERGAMINE * ERGOTIDINE * ETHYLAMINE, 2-IMIDAZOL-4-YL- * FREE HISTAMINE * IMIDAZOLE, 4-(2-AMINOETHYL)- * 1H-IMIDAZOLE-4-ETHANAMINE * IMIDAZOLE-4-ETHYLAMINE * 4-IMIDAZOLEETHYLAMINE * 5-IMIDAZOLEETHYLAMINE * beta-IMIDAZOLYL-4-ETHYLAMINE * 2-(4-IMIDAZOLYL)ETHYLAMINE * THERAMINE
MUTATION DATA AND REFERENCES:
dni-hmn:oth 2 umol/L JIDEAE 65,400,75
TOXICITY DATA AND REFERENCES:
scu-rat LDLo:250 mg/kg AEPPAE 185,461,37
ipr-mus LD50:2020 mg/kg ARZNAD 17,1575,67
scu-mus LDLo:600 mg/kg AEPPAE 185,461,37
1G30 ivn-dog LD50:7 mg/kg IVEJAC 57,31,80
* ivn-mky LD50:50 mg/kg 85ESA3 9,619,76
scu-cat LDLo:34 mg/kg AEPPAE 185,461,37
ivn-rbt LDLo:100 mg/kg HBAMAK 4,1289,35
ivn-gpg LD50:180 ug/kg JPETAB 95,45,49
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: NEJMAG 294(1),30,76
HISTAMINE ACID PHOSPHATE see: NI5425000
HISTAMINE DICHLORIDE see: MS1575000

MS1575000 HISTAMINE, DIHYDROCHLORIDE
UPDT 8408 CAS: 56-92-8 MW: 184.09 MOLFM: C5-H9-N3 2Cl-H
SYN: HISTAMINE DICHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 ipr-mus TDLo:2400 mg/kg (1-6D preg) JRPFA4 6,179,63
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2534 mg/kg ARTODN (Suppl 2),371,79
scu-mus LDLo:1300 mg/kg AEPPAE 166,437,32
* ivn-mus LD50:370 mg/kg ARTODN (Suppl 2),371,79
3D26F12J30 ipr-rbt LDLo:200 mg/kg JIDIAQ 42,473,28
* scu-gpg LD50:1250 ug/kg TXAPA9 8,339,66
ivn-gpg LDLo:500 ug/kg JPETAB 90,223,47
par-gpg LDLo:570 ug/kg AEPPAE 211,328,50
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
HISTAMINE DIPHOSPHATE see: NI5425000
HISTAMINE DIPHOSPHATE MONOHYDRATE see: NI5430000
HISTAMINE HYDROCHLORIDE see: NI3505000
HISTAMINE, PHOSPHATE (1:2) see: NI5425000
HISTAN see: UT0875000
HISTANORM see: TH8490000 PHTHALANILIC ACID, 2',6'-DIMETHYL-
HISTANTIN see: TL1925000
HISTANTINE see: TL1925000
HISTANTINE DIHYDROCHLORIDE see: TL2100000
HISTANTIN RICHTER see: SO9240000
HISTAPAN see: US6475000
HISTAPYRAN see: UT0875000
HISTARGAN see: SO6825000
HISTASAN see: UT0875000
HISTASPAN see: VB2450000
HISTATEX see: UT1225000
HISTAXIN see: KR6825000
HISTAZINE see: NJ2150000
HISTIDINE see: MS3070000

MS3070000 HISTIDINE, L-
UPDT 8308 CAS: 71-00-1 MW: 155.18 MOLFM: C6-H9-N3-O2
SYN: GLYOXALINE-5-ALANINE * HISTIDINE * L-HISTIDINE
MUTATION DATA AND REFERENCES:
dni-hmn:oth 1 mmol/L JIDEAE 65,400,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
L-HISTIDINE see: MS3070000
HISTIDYL see: UT1750000
beta-HISTINE see: UT5552000
HISTOCARB see: CF9275000
HISTOCILLIN see: XH8300000

MS3450100 HISTONE F1
UPDT 8408
TOXICITY DATA AND REFERENCES:
3D07F12J22 ivn-rat LD50:90 mg/kg AIPTAK 165,374,64

MS3450300 HISTONE F2a
UPDT 8408
TOXICITY DATA AND REFERENCES:
3D07F12J22 ivn-rat LD50:60 mg/kg AIPTAK 165,374,64

MS3450400 HISTONE F2b
UPDT 8408 CAS: 9062-68-4
SYN: HISTONE F2B * HISTONE IIb2
TOXICITY DATA AND REFERENCES:
3D07F12J22 ivn-rat LD50:60 mg/kg AIPTAK 165,374,64
HISTONE F2B see: MS3450400 HISTONE F2b
HISTONE IIb2 see: MS3450400 HISTONE F2b

MS3450700 HISTONE III (CALF THYMUS)
UPDT 8408 CAS: 9064-47-5
SYN: F3 HISTONE FRACTION
TOXICITY DATA AND REFERENCES:
3D07F12J22 ivn-rat LD50:45 mg/kg AIPTAK 165,374,64

MS3500000 HISTONES
DEF:Small proteins(mol wt 12,000-20,000) attached to DNA of cell nuclei by ionic linkages(85ESA3 9,620,76)
UPDT 8408
MUTATION DATA AND REFERENCES:
dni-omi 1 mg/L NNBYA7 232,143,71
HISTOSTAB see: NJ2000000
HISTRYL see: TM7810000
HISTYN see: TM7810000
HISTYRENE S 6F see: WL6478000
HI-STYROL see: WL6475000
HI-YIELD DESICCANT H-10 see: CG0700000
HIZAROCIN see: MA4375000
HIZEX see: TQ3325000
HIZEX 5000 see: TQ3325000
HIZEX 5100 see: TQ3325000
HIZEX 3000B see: TQ3325000
HIZEX 3300F see: TQ3325000
HIZEX 7000F see: TQ3325000
HIZEX 7300F see: TQ3325000
HIZEX 1091J see: TQ3325000
HIZEX 1291J see: TQ3325000
HIZEX 1300J see: TQ3325000
HIZEX 2100J see: TQ3325000
HIZEX 2200J see: TQ3325000
HIZEX 2100LP see: TQ3325000
HIZEX 5100LP see: TQ3325000
HIZEX 6100P see: TQ3325000
HIZEX 3000S see: TQ3325000
HIZEX 3300S see: TQ3325000
HIZEX 5000S see: TQ3325000
HJ 1 see: UU2989000
HJ 2 see: UU2990500
HJ 7 see: UU3875100
HJ 10 see: UU4140000
HJORTON'S POWDER see: AM4375000
HK 137 see: DP4790000
HK 256 see: TM7750000
H.K. FORMULA NO. K. 7117 see: BQ4550000
HL 267 see: BR1210000
HL-331 see: OV6475000
HL 2186 see: TH9200000
HL 2447 see: VN8400000
HL 8700 see: SO8225000
HL 8727 see: AJ3400000
HL-8731 see: BR8475000
HLS 831 see: YS4550000
HM 197 see: UW6170000

HM-198 see: MF3570000
HM-199 see: MF3620600
HM-200 see: MF3620650
HM-201 see: MF3620550
HM-203 see: DH2186000
HM-206 see: VA1430000
H. MAJOR VENOM see: YX4185350
HMB see: OV7424000
4HMB see: DV5425000
7-HMBA see: CW8400000
HMD see: BV8060000
HMDA see: MO1180000
HMDI see: MO1740000
HMDS see: JM9230000
HMF see: LT7031100
HMG see: MA3753000
HMGA see: MA3753000
HMM see: OS1050000
7-HM-12-MBA see: CW8750000
12-HM-7-MBA see: CW8925000
HMP see: OY3675000
HMPA see: TD0875000
HMPT see: TD0875000
HMT see: MN4725000
HMX see: XF7450000
HMX (DOT) see: XF7450000
beta HMY see: XF7450000
HN2 see: IA1750000
HN3 see: YE2625000
HN2 AMINE OXIDE see: IA2200000
HNDS see: WQ2850000
HN2.HCl see: IA2100000
HN3 HCl see: YE2800000
HN2 HYDROCHLORIDE see: IA2100000
HN3 HYDROCHLORIDE see: YE2800000
H. NIGROCINCTUS VENOM see: YX4185450
HN2 OXIDE MUSTARD see: IA2200000
HNT see: XJ4900000
HNT see: XP2102000
HNU see: YT4915000
HO 50 see: UD1842000
HO 11513 see: UT0175000
3-HO-AAF see: AC3350000
HOCA see: JO1225000
HOCH see: LP8925000
HOCOPHEN see: AM4375000
HODAG GMS see: RG1925000
HODAG PSML-20 see: TR7400000
HODAG SMS see: WG2933500
HODOSTIN see: CY1225000
HODSON see: TE4465000
HOE 118 see: DG3102000
HOE 296 see: UU7785500
HOE 766 see: OK6690000
HOE 881 see: DD6520500
HOE 933 see: UX9370000
HOE 984 see: NX4912800
HOE 2,671 see: RB9275000
HOE 2747 see: YS6425000
HOE 02770 see: GP3550000
HOE 2784 see: GQ5600000
HOE 2810 see: YS9100000
HOE-2824 see: WH6650000
HOE 2872 see: WH6860000
HOE 2873 see: TF2035000
HOE 2904 see: AF7140000
HOE 2960 see: TF5635000
HOE 2982 see: TB8545000
HOE 2989 see: UP7985000
HOE-2991 see: YT1510000
HOE 6052 see: UP7985000
HOE 6053 see: UP7985000
HOE 13764 see: UP7985000
HOE 16410 see: YT0170000
HOE 17411 see: DD6500000
HOE22870 see: UE9520000
HOE 23408 see: UF1180000
HOE 33258 see: SM1140500
HOE 33342 see: DT4200000
HOE 36801 see: DM3028000
HOE 766A see: OK6690000
HOECHST 1082 see: MJ6300000
HOECHST 2813 see: YT3880000
HOECHST 10,820 see: MJ6130000
33258 HOECHST see: SM1140500
HOECHST 33258 see: SM1140500
HOECHST 33342 see: DT4200000
HOECHST DYE 33258 see: SM1140500
HOECHST PA 190 see: TQ3325000
HOECHST WAX PA 520 see: TQ3325000
HOEGRASS see: UF1180000
HOELITE see: CB4725000
HOELON see: UF1180000
HOELON 3EC see: UF1180000
HOE 2784 OA see: GQ5600000
HOE 13764 OF see: UP7985000
HOE 2960 OJ see: TF5635000
HOE 2982 OJ see: TB8545000
HOE 837V see: MJ9670000
HOG see: TN2272590
HOG see: TN2272600
HOGGAR see: YS2975000
HOGGAR N see: US9275000
HOK 7501 see: AG2650000
HOKKO-MYCIN see: WK4375000
HOKMATE see: NO8750000
HOKU-218 see: QT2030000
HOLACANTHONE see: KD0240000

MS7049000 HOLARRHENA MITIS, leaf extract
DEF:Asian plant belonging to the family APOXYNACEAE (APFRAD 31,593,73)
UPDT:8306
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:3890 ug/kg APFRAD 31,593,73
HOLBAMATE see: TZ0175000

MS7175000 HO LEAF OIL
DEF:Chief constituent is LINALOOL, found in tree CINNAMOMUM CAMPHORA L. (FCTXAV 12,807,74)
UPDT:8305
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,917,74
TOXICITY DATA AND REFERENCES:
3D35F24R21 orl-rat LD50:3270 mg/kg FCTXAV 2,327,64

MS7175400 HOLIGARNA ARNOTTIANA Hk. f., extract excluding roots
DEF:Indian plant belonging to the family ANACARDIACEAE (IJEBA6 12,512,74)
UPDT:8305
SYN: RANBIBOO EXTRACT
TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:93 mg/kg IJEBA6 12,512,74

MS7175500 HOLIGARNA GRAHAMII Hook. f., extract excluding roots
DEF:Indian plant belonging to the family ANACARDIACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: KANKALAGALA, extract
TOXICITY DATA AND REFERENCES:
3H30M10U26 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

MS7175600 HOLIGARNA NIGRA Bourd., extract excluding roots
DEF:Indian plant belonging to the family ANACARDIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:375 mg/kg IJEBA6 15,208,77
HOLIN see: KG8225000
HOLLONG EXTRACT (Indian) see: JM5150000

MS7355000 HOLMIUM CHLORIDE, HEXAHYDRATE
UPDT:8411 MW: 379.40 MOLFM: Cl3-Ho 6H2-O
TOXICITY DATA AND REFERENCES:
2F12K12 orl-mus LD50:2568 mg/kg SHGKA3 80,1303,80

MS8060000 HOLMSKIOLDIA SANGUINEA Retz, extract excluding roots
DEF:Indian plant belonging to the family VERBENACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77
HOLOCAINE see: AD0350000
HOLOCAINE HYDROCHLORIDE see: AD0525000
HOLODORM see: VA3850000
HOLOK-LATA EXTRACT (Indian) see: GK0888000
HOLOMYCIN see: AR7450000
HOLOPAN see: YM3675000

MS8414000 HOLOPTELEA INTEGRIEFOLIA Planch., stem bark extract
DEF:Indian plant belonging to the family ULMACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: CHILBIL STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69
HOLOTHURIA ATRA TOXIN see: XW5880000

MS8420500 HOLOTHURIN
UPDT:8408 CAS: 11029-72-4 MW: 1131.38 MOLFM: C50-H82-O26-S
MUTATION DATA AND REFERENCES:
mnt-mus-ipr 100 mg/kg PJSCAK 112,1,83
HOLOTOXIN see: XW5880000
HOLOXAN see: RP6050000 1,3,2-OXAZAPHOSPHORINE, 3-(2-CHLOROETHYL)-2-((2-CHLOROETHYL)AMINO)TETRAHYDRO-, 2-OXIDE
HOLOXAN 1000 see: RP6050000
HOMANDREN see: BV8400000
HOMANDREN (amps) see: XA3115000
HOMAPIN see: MS9000000
HOMATROMIDE see: MS9000000
HOMATROPINE METHYLBROMIDE see: MS9000000

MS9000000 HOMATROPINIUM, 8-METHYL-, BROMIDE
UPDT:8403 CAS: 80-49-9 MW: 370.33 MOLFM: C17-H24-N-O3 .Br
SYN: ARKITROPIN * 8-AZONIABICYCLO(3.2.1)OCTANE, 3-((HYDROXYPHENYLACETYL)OXY)-8,8-DIMETHYL-, BROMIDE, endo- * CAMATROPINE * ESOPIN * HOMAPIN * HOMATROMIDE * HOMATROPINE METHYLBROMIDE * 3-alpha-HYDROXY-8-METHYL-1-alpha-H,5-alpha-H-TROPANIUM BROMIDE MANDELATE * MALCOTRAN * MESOPIN * DL-METHYLBROMIDE * METHYLHOMATROPINE * METHYLHOMATROPINE BROMIDE * 8-METHYLHOMATROPINIUM BROMIDE * NOVATRIN * NOVATRINE * NOVATROPINE * SED-TEMS * SETHYL * TROPINIUM METHOBROMIDE MANDELATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1200 mg/kg JPETAB 105,166,52
ipr-rat LD50:82 mg/kg JPETAB 105,166,52
scu-rat LD50:800 mg/kg JPETAB 105,166,52
orl-mus LD50:1400 mg/kg JPETAB 105,166,52
ipr-mus LD50:60 mg/kg JPETAB 105,166,52
scu-mus LD50:650 mg/kg JPETAB 105,166,52
orl-gpg LD50:1000 mg/kg JPETAB 105,166,52
ipr-gpg LD50:120 mg/kg JPETAB 105,166,52
* scu-gpg LD50:75 mg/g AIPTAK 137,375,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
HOMBITAN see: XR2275000
HOMIDIUM see: SF7949800
HOMIDIUM BROMIDE see: SF7950000
HOMOANISIC ACID see: AI8960000
HOMOARGININE see: OL5550000
L-HOMOARGININE see: OL5550000
HOMO-AZA-STEROIDAL ESTER of p-BIS(2-CHLOROETHYL)AMINOPHENYL-ACETIC ACID see: CL8018000
HOMOCATECHOL see: UX1915000
HOMOCODEINE see: QD1575000

MT0250000 DL-HOMOCYSTEINE, S-(CARBOXYMETHYL)-
UPDT:8311 CAS: 55593-14-1 MW: 193.24 MOLFM: C6-H11-N-O4-S
SYN: ACTB * 2-AMINO-4-CARBOXYMETHYLTHIO-BUTTERSAURE (German) * DL-2-AMINO-4-CARBOXYMETHYLTHIOBUTYRIC ACID * S-(CARBOXYMETHYL)-DL-HOMOCYSTEINE
TOXICITY DATA AND REFERENCES:
1F25 ipr-mus LD50:2550 ug/kg GWXXBX #2602196

MT0300000 DL-HOMOCYSTEINE, S-ETHENYL-
UPDT:8402 MW: 161.24 MOLFM: C6-H11-N-O2-S
SYN: VINTHIONINE * S-VINYLHOMOCYSTEINE * S-VINYL-DL-HOMOCYSTEINE
MUTATION DATA AND REFERENCES:
mmo-sat 50 nmol/plate BBRCA9 88,395,79
mma-sat 50 nmol/plate BBRCA9 88,395,79
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:18 gm/kg/86W-C CNREA8 42,4364,82
3V01L60T61 ipr-rat TDLo:5625 mg/kg/12W-I CNREA8 42,4364,82
3V01J60L60 orl-mus TDLo:68040 mg/kg/75W-C CNREA8 42,4364,82
2V01L60 orl-rat TD :36 gm/kg/86W-C CNREA8 42,4364,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MT0310000 L-HOMOCYSTEINE, S-ETHENYL-
UPDT:8402 CAS: 70858-14-9 MW: 161.24 MOLFM: C6-H11-N-O2-S
SYN: S-ETHENYL-L-HOMOCYSTEINE * L-VINTHIONINE * S-VINYL-L-HOMOCYSTEINE
MUTATION DATA AND REFERENCES:
mmo-sat 5 nmol/plate CNREA8 42,4364,82
mma-sat 5 nmol/plate CNREA8 42,4364,82
dnd-rat-ipr 31 mg/kg CNREA8 42,4364,82
oms-rat-ipr 31 mg/kg CNREA8 42,4364,82

MT0330000 L-HOMOCYSTEINE, S-ETHENYL-, S-OXIDE
UPDT:8402 MW: 177.24 MOLFM: C6-H11-N-O3-S
SYN: L-VINTHIONINE SULFOXIDE
MUTATION DATA AND REFERENCES:
mmo-sat 5 nmol/plate CNREA8 42,4364,82
mma-sat 5 nmol/plate CNREA8 42,4364,82

HOMOCYSTEINE, S-ETHYL- see: ES6825200
DL-HOMOCYSTEINE, S-ETHYL- see: ES6825200
L-HOMOCYSTEINE, S-ETHYL- see: ES6825300
18-HOMO-ESTRIOL see: MD6959000
HOMOLINALYL ACETATE see: RA5395200
HOMOLLE'S DIGITALIN see: IH6125000
HOMOMENTHOL see: GW0875000
HOMOMYRTENOL see: RC8870000

MT0565000 HOMONOIA RIPARIA Lour., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: JORAL EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 7,250,69

MT0570000 D-HOMO-19-NOR-17-alpha-PREGN-4-EN-3-ONE, 17,20,21-TRIHYDROXY-
UPDT:8401 MW: 336.52 MOLFM: C20-H32-O4
SYN: 17,20,21-TRIHYDROXY-D-HOMO-19-NOR-17-alpha-PREGN-4-EN-3-ONE * 17-beta,20,21-TRIHYDROXY-D-HOMO-19-NOR-17-alpha-PREGN-4-EN-3-ONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:1 mg/kg (1D pre) 13OPAL -,37,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

18-HOMO-OESTRIOL see: MD6939000
HOMOOLAN see: AE4200000
D-HOMO-17a-OXAANDROSTA-1,4-DIENE-3,17-DIONE see: VS2200000
HOMOPANTOTHENIC ACID see: ES9570000
D-HOMOPANTOTHENIC ACID see: ES9570000
omega-HOMO-PGE1 see: GY4569750
HOMOPIPERIDINE see: CM3150000
HOMOPIPRAMOL FUMARATE see: HO2625000

MT0800100 D-HOMOPREGNA-4,16-DIENE-3,20-DIONE
UPDT:8401 MW: 326.52 MOLFM: C22-H30-O2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:2500 ug/kg (1D pre) 13OPAL -,37,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MT0800200 D-HOMOPREGN-4-ENE-3,20-DIONE
UPDT:8401 CAS: 56722-93-1 MW: 328.54 MOLFM: C22-H32-O2
SYN: D-HOMOPROGESTERONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:5 mg/kg (1D pre) ACEDAB 28,18,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D-HOMOPROGESTERONE see: MT0800200
omega-HOMOPROSTAGLANDIN E1 see: GY4569750
HOMOPYROCATECHOL see: UX1915000
L-HOMOSERINE, O-((AMINOIMINOMETHYL)AMINO)- (9CI) see: [illegible]7002000
HOMOSTERON see: XA3030000
HOMOSTERONE see: XA3030000
HOMOVERATRONITRILE see: AL9325000
HON see: SA3676000
HONEY DIAZINE see: WP1925000
HONG NIEN see: OV6475000
HONVAN see: WJ5680000
HOOKER HRS-16 see: DT8225000
HOOKER HRS-720 see: GY1250000
HOOKER HRS-1296 see: TD9850000
HOOKER HRS-1362 see: AB6050000
HOOKER HRS-1422 see: FB9800000
HOOKER HRS-1630 see: FC7600000
HOOKER HRS-1631 see: FC3400000
HOOKER HRS-1634 see: TE3300000
HOOKER HRS-1635 see: TE0175000
HOOKER HRS 1654 see: DT8225000
HOOKER HRS-1667 see: FC5500000
HOOKER HRS-1671 see: PC1300000
HOOKER HRS-1879 see: TE8600000
HOPA see: ES9570000
HOPA see: ES9575000
HOPANTENATE CALCIUM HEMIHYDRATE see: ES9575000
HOPANTENIC ACID see: ES9570000
HOPCIDE see: FB6350000
HOPCIDE, nitrosated (Japanese) see: FC6130000
HOPCIN see: FB5425000

MT1612000 HOPEA WIGHTIANA Wall., extract excluding roots
DEF:Indian plant belonging to the family DIPTEROCARPACEAE (IJEBA6 12,512,74)
UPDT:8305
SYN: HAIGA EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

MT1625000 HOP EXTRACT EII
UPDT:8401 CAS: 8007-04-3
SYN: HOPFENEXTRAKTE EII (German)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:415 mg/kg ARZNAD 17,79,67
orl-mus LD50:2700 mg/kg ARZNAD 17,79,67
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HOPFENEXTRAKTE EII (German) see: MT1625000
HORBADOX see: BX5470000
HORDENINE HYDROCHLORIDE see: SL1225000
p-HORDENINE HYDROCHLORIDE see: SL1225000
HORFEMINE see: WJ5775000
HORIZON see: DI1575000
HORMALE see: BV8400000
HORMATOX see: UF1050000
HORMEX ROOTING POWDER see: NL5250000
HORMIN see: AG8400000
HORMIT see: AG8925000
HORMOCEL-2CCC see: BP5250000
HORMODIN see: NL5250000
HORMOESTROL see: SL0560850
HORMOFEMIN see: SL0580000
HORMOFLAVEINE see: TW0175000
HORMOFOLLIN see: KG8575000
17-HORMOFORIN see: BV8396000
HORMOFORT see: TU5085000
HORMOGYNON see: KG4050000
HORMOLUTON see: TW0175000
HORMOMED see: KG8225000
HORMONE SOMATOTROPE (French) see: TO7385000
HORMONIN see: KG8225000
HORMONISENE see: KV0600000
HORMOSLYR 500T see: AJ8420000
HORMOTESTON see: XA3115000
HORMOTUHO see: AG1575000
HORMOVARINE see: KG8575000
HORNOTUHO see: AG1575000
HORSE see: QC8050000
HORSE HEAD A-410 see: XR2275000
HORSE HEAD A-420 see: XR2275000
HORSE HEAD R-710 see: XR2275000

MT2584000 HORSE SERUM ALBUMIN(42)-9,10-DIMETHYL-1,2-BENZANTHRACENE CONJUGATE
DEF:42 hydrocarbons are attached with one protein (CNREA8 16,1009,56)
UPDT:8308
SYN: 9,10-DIMETHYL-1,2-BENZANTHRACENE-3-HSA-42 CONJUGATE
MUTATION DATA AND REFERENCES:
cyt-frg:emb 35 umol/L CNREA8 16,1009,56

HORTEX see: GV4900000
HORTFENICOL see: AB6825000
HORTOCRITT see: NI2935500
HOSALON see: TE4465000
HOSDON see: TE4465000
HOSDON GRANULE see: TE4465000
HOSTACHEM HOE-2813 see: YT3880000
HOSTACORTIN see: TU4154100
HOSTACORTIN see: TU4152000
HOSTACYCLIN see: QI8750000
HOSTADUR see: TR2725000
HOSTADUR A see: TR2725000
HOSTADUR K see: TR2725000
HOSTADUR K-VP 4022 see: TR2725000
HOSTAFLEX VP 150 see: AK0950000
HOSTAFLON see: KX4025000
HOSTAFLON TF see: KX4025000
HOSTAFLON TF 2026 see: KX4025000
HOSTAFLON TF 2053 see: KX4025000
HOSTAGINAN see: SH6480000
HOSTALEN see: TQ3325000
HOSTALEN GD 620 see: TQ3325000
HOSTALEN GD 6250 see: TQ3325000
HOSTALEN GF 4760 see: TQ3325000
HOSTALEN GF 5750 see: TQ3325000
HOSTALEN GM 5010 see: TQ3325000
HOSTALEN GUR see: TQ3325000
HOSTALEN HDPE see: TQ3325000
HOSTALEN N 1060 see: UD1842000
HOSTALEN PP see: UD1842000
HOSTALEN PPH 1050 see: UD1842000
HOSTALEN PPN see: UD1842000
HOSTALEN PPN 1060 see: UD1842000
HOSTALEN PPN 1075 F see: UD1842000
HOSTALEN PPN 1076 F see: UD1842000
HOSTALEN PPR 1042 see: UD1842000
HOSTALEN PPT VP 7090A see: UD1842000
HOSTALEN PP-U see: UD1842000
HOSTALIT see: KV0350000
HOSTALIT E see: KV0350000
HOSTALIT P 7078 see: KV0350000
HOSTALIT PVP see: AK0950000
HOSTALIT PVP 3475 see: KV0350000
HOSTALIT PVP 5470 see: KV0350000
HOSTALIT S see: KV0350000
HOSTALIT S 4070 see: KV0350000
HOSTALIVAL see: NX4912800
HOSTAPHAN see: TR2725000
HOSTAPHAN BNH see: TR2725000
HOSTAPHAN RN see: TR2725000
HOSTAPON T see: WX0500000
HOSTAQUICK see: OV6475000
HOSTAQUICK see: TB8545000
HOSTAQUIK see: OV6475000
HOSTATHION see: TF5635000
HOSTAVAT GOLDEN YELLOW see: HO7030000
HOSTAVIK (Russian) see: TB8545000
HOSTYREN N see: WL6475000
HOSTYREN N 4000 see: WL6475000
HOSTYREN N 7001 see: WL6475000
HOSTYREN N 4000V see: WL6475000
HOSTYREN S see: WL6475000
HOURBESE see: QE2450000
HOX 1901 see: FC2628000
H.P. 34 see: VN6475000
HP 129 see: DG8576200
H.P. 209 see: CV4900000
HP 1325 see: MV8982000
HPA see: QK0810000
HPA see: AT1925000
HPC see: GD3900000
HPC see: TU5085000
HPMTS see: PB2760000

beta-HPN see: MU5250000
HPOP see: AL5890000
HPP see: UR0785000
beta-HPPN see: UI3150000
2-HPPN see: UI3150000
HPT see: TD0875000
HPT 908 see: VA3117300
HR 376 see: DE9600000
HR 756 see: XI0250000
HRC see: MW0333600
HRS-16 see: DT8225000
HRS 860 see: WQ2975000
HRS 1276 see: PC8225000
HRS-1296 see: TD9850000
HRS-1362 see: AB6050000
HRS 1422 see: FB9800000
HRS-1630 see: FC7600000
HRS 1631 see: FC3400000
HRS 1634 see: TE3300000
HRS 1635 see: TE0175000
HRS 1654 see: DT8225000
HRS 1667 see: FC5500000
HRS 1671 see: PC1300000
HRS 1879 see: TE8600000
HRS 16A see: DT8225000
HRW 13 see: GM5090000
HS see: MV9625000
HS see: FM8750000
HS 3 see: UU3874970
HS-6 see: UU2980000
HS 7 see: UU2993000
HS 8 see: UU6816000
HS 9 see: UU4190000
HS 14 see: UU4728000
HS 21 see: GF9180000
HS 25 see: GF9180000
HS 95 see: YS6475000
HS 592 see: UY0704600
HS-119-1 see: UR6125000
HS-14260 see: XY4725000
7H3SF see: FJ5950000
HSN-6-26-B2 see: OK6368500
HSP 2986 see: GX1210000
HSR-902 see: VC8608000
H-STADUR see: VB2450000
H. STRICTICOLLIS VENOM see: YX4185650
5-HT see: NM2450000
HT 88 see: WL6475000
HT 91-1 see: WL6475000
HT 972 see: BY5425000
5-HTA see: NM2450000
HT 88A see: WL6475000
5-HT CREATININE SULFATE see: NM2550000
H. TERNATUM see: VN4800000
HT-F 76 see: WL6475000
HTH see: NH3485000
HTMA see: MW0349100
5-HTOL see: NL8512500
HTP see: XF1575000
5-HTP see: YN7000000
L-5-HTP see: YN7110000
HT-2 TOXIN see: YD0050000
HU see: YT4900000
HUBBUCK'S WHITE see: ZH4810000

MT6335000 HUGONIA MYSTAX Linn., extract excluding roots
DEF:Indian plant belonging to the family LINACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

HUILE D'ANILINE (French) see: BW6650000
HUILE DE CAMPHRE (French) see: EX1225000
HUILE DE FUSEL (French) see: LV5600000
HUILE H50 see: XM7350000
HUILE HSO see: XM7350000
HULS P 6500 see: UD1842000
HUMAN CHORIOGONADOTROPIN, deglycosylated see: MT6425400
HUMAN CHORIONIC GONADOTROPIN see: MD6953000

MT6425400 HUMAN CHORIONIC GONADOTROPIN, deglycosylated
UPDT:8401
SYN: DEGLYCOSYLATED HCG * DEGLYCOSYLATED HUMAN CHORIONIC GONADOTROPIN * DG-HCG * HUMAN CHORIOGONADOTROPIN, deglycosylated
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:500 ug/kg (1D pre) CCPTAY 27,515,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MT6425500 HUMAN FIBROBLAST INTERFERON
UPDT:8403
SYN: IFN-beta
MUTATION DATA AND REFERENCES:
dni-hmn:oth 400 iu/mL CNREA8 43,2683,83
oms-hmn:oth 400 iu/mL CNREA8 43,2683,83
dni-hmn:oth 200 iu/mL GANNA2 74,452,83
oms-hmn:oth 40 iu/mL GANNA2 74,452,83

MT6425700 HUMAN PLATELET EXTRACT, CTAP-III
DEF:A major human platelet-derived growth factor which is essentially in PAGE systems(PSEBAA 171,109,82)
UPDT:8305
SYN: CTAP-III
MUTATION DATA AND REFERENCES:
dns-hmn:lng 19 mg/L PSEBAA 171,109,82
dns-gpg:lng 21 mg/L PSEBAA 171,109,82

MT6425800 HUMAN PLATELET EXTRACT, CTAP-P(sub 2)
DEF:A minor human platelet-derived growth factor which stimulates DNA and GAG synthesis inhuman synovial cells (PSEBAA 171,109,82)
UPDT:8305
SYN: CTAP-P(sub 2)
MUTATION DATA AND REFERENCES:
dns-gpg:lng 163 mg/L PSEBAA 171,109,82

MT6425900 HUMAN RECOMBINANT LEUKOCYTE INTERFERON
UPDT:8312
SYN: IFN-alpha A
MUTATION DATA AND REFERENCES:
dni-hmn:oth 400 iu/mL CNREA8 43,2683,83
oms-hmn:oth 400 iu/mL CNREA8 43,2683,83

HUMATIN see: WK2315000
HUMATIN see: WK2320000

MT6520000 HUMBOLDTIA BRUNONIS Wall., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1F07 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

MT6550000 HUMIC ACID, SODIUM SALT
UPDT:8402
SYN: HUMINSAURE NATRIUM (German) * NATRIUM-HUMAT (German) * SODIUM HUMATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ipr-rat TDLo:250 mg/kg (11-15D preg) AXVMAW 36,179,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HUMIFEN WT 27G see: WN0525000
HUMINSAURE NATRIUM (German) see: MT6550000

MT6606000 HUMULUS LUPULUS, extract
UPDT:8412
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T12 scu-rat TDLo:300 mg/kg (3D pre) TOLED5 21,203,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HUMYCIN see: WK2315000
HUMYCIN SULFATE see: WK2320000
HUNGARIAN CHAMOMILE OIL see: FL7180000
HUNGAZIN see: XY5600000
HUNGAZIN DT see: XY5250000
HUNGAZIN PK see: XY5600000
HUSTODIL see: TY8400000
HUSTOSIL see: TY8400000
HVA 2 see: ON6125000
HVA-2 CURING AGENT see: ON6125000
HW 4 see: XF7450000
HW 920 see: YS8925000
HX 3/5 see: QW0970000
HX-868 see: DC5250000
HX-M see: KV0350000
HXR see: NM7460000
HY 951 see: YE6650000
HYACINTH see: ZH9000000

MT6995000 HYACINTH ABSOLUTE
UPDT:8305 CAS: 8023-94-7
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,795,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4200 mg/kg FCTXAV 14,795,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HYACINTHAL see: CY1460000
HYACINTH BASE see: WL3850000
HYACINTHIN see: CY1420000
HYADASE see: MT7260000
HYADRINE see: KR6825000
HYADUR see: PV6210000
HYALASE see: MT7260000
HYALIDASE see: MT7260000

MT7260000 HYALURONIDASE
UPDT:8401 CAS: 9001-54-1
SYN: ALIDASE * DIFFUSIN * DIFFUSING FACTOR * ENZODASE * HYADASE * HYALASE * HYALIDASE * HYASON * HYAZYME * HYLASE * INFILTRASE * JALOVIS * KINADEN * KINETIN (enzyme) * KINETIN-SCHERING * LIDASE * LURONASE * MUCINASE * RECEPTOR-DESTROYING MUCINASE * RONDASE * RONIDASE * SPREADING FACTOR * TESTICULAR HYALURONIDASE * THIOMUCASE * UNIDASA * UTEROLIDASE * WYDASE
MUTATION DATA AND REFERENCES:
dns-rat:lvr 50 uL CNREA8 37,354,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HYAMINE see: BO7175000
HYAMINE 1622 see: BO7175000
HYAMINE 2389 see: BO3675000
HYAMINE 3500 see: BO3150000
HYAMINE 10X see: BO7380000
HYASON see: MT7260000
HYASORB see: XH9700000
HYAZYME see: MT7260000
HYBAR X see: YQ8650000
HYBERNAL see: SO1750000
HYBRIN see: CI7650000
HYCANTHON see: XO1590000
HYCANTHONE see: XO1590000
HYCANTHONE ACID see: XO0556000
HYCANTHONE-4-CARBOXYLIC ACID see: XO0556000
HYCANTHONE MESYLATE see: XO1600000
HYCANTHONE METHANESULFONATE see: XO1600000
HYCANTHONE METHANESULPHONATE see: XO1600000
HYCANTHONE MONOMETHANESULPHONATE see: XO1600000
HYCANTHONE SULFOXIDE see: XO1603100
HYCAR see: TQ2690000
HYCAR 1577 see: AT6970000
HYCAR LX 407 see: WL6478000
HYCAR 1877X8 see: AT6970000
HY-CHLOR see: NH3485000
HYCHOL 705 see: BD0940000
HYCHOTINE see: KK2275000
HYCLORATE see: UE9480000
HYCLORITE see: NH3486300
HYCORACE see: GM9015000
HYCORT see: GM8925000
HYCORTOL see: GM8925000
HYCORTOLE see: GM8925000
HYCORTOLE ACETATE see: GM8960000
HYCOZID see: NS1750000
HYDANTAL see: MU1050000
HYDANTIN see: MU1050000
HYDANTIN SODIUM see: MU1400000

MT8210000 HYDANTOIN
UPDT:8401 CAS: 461-72-3 MW: 100.09 MOLFM: C3-H4-N2-O2

SYN: GLYCOLYLUREA * 2,4-IMIDAZOLIDINEDIONE (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T35T43T47 ipr-mus TDLo:12 gm/kg (11-13D preg) TXAPA9 64,271,82
2T41T46 ipr-mus TDLo:9 gm/kg (8-10D preg) TXAPA9 64,271,82
1T42 ipr-mus TDLo:12 gm/kg (8-10D preg) TXAPA9 64,271,82
1T34 ipr-mus TDLo:6 gm/kg (8-10D preg) TXAPA9 64,271,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDANTOIN see: MU1050000
HYDANTOINAL see: MU1050000
HYDANTOINAL SODIUM see: MU1400000

MT9120000 HYDANTOIN, 5-BENZYL-3-(3-(DIETHYLAMINO)PROPYL)-2-THIO-
UPDT:8311 MW: 319.51 MOLFM: C17-H25-N3-O-S
SYN: 5-BENZYL-3-(3-(DIETHYLAMINO)PROPYL)-2-THIOHYDANTOIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg FRPSAX 38,383,83

MT9121000 HYDANTOIN, 5-BENZYL-3-(3-(DIMETHYLAMINO)PROPYL)-2-THIO-, HYDROCHLORIDE
UPDT:8311 MW: 327.91 MOLFM: C15-H21-N3-O-S Cl-H
SYN: 5-BENZYL-3-(3-(DIMETHYLAMINO)PROPYL)-2-THIOHYDANTOIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg FRPSAX 38,383,83

MT9190500 HYDANTOIN, 1,3-BIS(2,3-EPOXYPROPYL)-5,5-DIMETHYL-
UPDT:8401 CAS: 15336-81-9 MW: 240.29 MOLFM: C11-H16-N2-O4
SYN: 1,3-BIS(2,3-EPOXYPROPYL)-5,5-DIMETHYLHYDANTOIN * N,N'-DIGLYCIDYL-5,5-DIMETHYLHYDANTOIN * 5,5-DIMETHYL-1,3-BIS(OXIRANYLMETHYL)-2,4-IMIDAZOLIDINEDIONE * 2,4-IMIDAZOLIDINEDIONE, 5,5-DIMETHYL-1,3-BIS(OXIRANYLMETHYL)- (9CI) * XB 2793
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:3513 mg/kg/93W-I NTIS** ORNL-5762
2V03R60 skn-mus TD :3792 mg/kg/2Y-I NTIS** ORNL-5762
2V03R60 skn-mus TD :6273 mg/kg/84W-I NTIS** ORNL-5762
2V03R60 skn-mus TD :6903 mg/kg/92W-I NTIS** ORNL-5762
2V03R60 skn-mus TD :12 gm/kg/77W-I NTIS** ORNL-5762
2V03R60 skn-mus TD :13 gm/kg/85W-I NTIS** ORNL-5762
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MT9190600 HYDANTOIN, 1,3-BIS(2,3-EPOXYPROPYL)-5,5-DIMETHYL- mixed with 1,3-BIS(2,3-EPOXYPROPOXY)- 2,2-DIMETHYLPROPANE
DEF:Mixture of 70% N,N'-DIGLYCIDYL-5,5-DIMETHYLHYDANTOIN and 30% NEOPENTYLGLYCOL DIGLYCIDYLETHER (NTIS** ORNL-5762)
UPDT:8303
SYN: N,N'-DIGLYCIDYL-5,5-DIMETHYLHYDANTOIN mixed with DIGLYCIDYL ETHER of NEOPENTYL GLYCOL * DIGLYCIDYL ETHER of NEOPENTYL GYLCOL mixed with N,N'-DIGLYCIDYL-5,5-DIMETHYLHYDANTOIN * HELOXY WC68 mixed with XB 2793 * NEOPENTYLGYLCOL DIGLYCIDYL ETHER mixed with N,N'-DIGLYCIDYL-5,5-DIMETHYLHYDANTOIN * XB 2793 mixed with HELOXY WC68
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:3287 mg/kg/87W-I NTIS** ORNL-5762
2V03R60 skn-mus TD :3604 mg/kg/96W-I NTIS** ORNL-5762
2V03R60 skn-mus TD :6379 mg/kg/85W-I NTIS** ORNL-5762
2V03R60 skn-mus TD :6123 mg/kg/82W-I NTIS** ORNL-5762
2V03R60 skn-mus TD :13 gm/kg/85W-I NTIS** ORNL-5762
2V03R60 skn-mus TD :12 gm/kg/77W-I NTIS** ORNL-5762
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MT9195600 HYDANTOIN, 1-(4-(2-BROMO-4-NITROPHENYL)-2-THIAZOLYL)-
UPDT:8406 MW: 383.20 MOLFM: C12-H7-Br-N4-O4-S
SYN: 1-(4-(2-BROMO-4-NITROPHENYL)-2-THIAZOLYL)HYDANTOIN
TOXICITY DATA AND REFERENCES:
2F17Y55 ipr-mus LD50:1000 mg/kg PHARAT 38,341,83

MT9197400 HYDANTOIN, 5-sec-BUTYL-3-(3-(DIETHYLAMINO)PROPYL)-2-THIO-
UPDT:8311 MW: 285.50 MOLFM: C14-H27-N3-O-S
SYN: 5-sec-BUTYL-3-(3-(DIETHYLAMINO)PROPYL)-2-THIOHYDANTOIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg FRPSAX 38,383,83

MT9197500 HYDANTOIN, 5-sec-BUTYL-3-(3-(DIMETHYLAMINO)PROPYL)-2-THIO-
UPDT:8311 MW: 257.44 MOLFM: C12-H23-N3-O-S
SYN: 5-sec-BUTYL-3-(3-(DIMETHYLAMINO)PROPYL)-2-THIOHYDANTOIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg FRPSAX 38,383,83

MU0528000 HYDANTOIN, 5-((4-CHLORO-3-(3-(2-METHYLPIPERIDINO)PROPYL)PHENOXY)METHYL)-5-METHYL-2-THIO-, MONOHYDROCHLORIDE
UPDT:8306 MW: 446.48 MOLFM: C20-H28-Cl-N3-O2-S .Cl-H
TOXICITY DATA AND REFERENCES:
2C17F07 orl-mus LD50:500 mg/kg CHTPBA 1,137,66
2C17F07 ivn-mus LD50:50 mg/kg CHTPBA 1,137,66

MU0535000 HYDANTOIN, 5-((p-CHLOROPHENOXY)METHYL)-5-METHYL-
UPDT:8306 MW: 254.69 MOLFM: C11-H11-Cl-N2-O3
SYN: 5-((p-CHLOROPHENOXY)METHYL)-5-METHYLHYDANTOIN * p-CHLOROPHENOXYMETHYL-5 METHYL-4 HYDANTOINE (French)
TOXICITY DATA AND REFERENCES:
2F02F07 orl-mus LD50:1000 mg/kg CHTPBA 1,137,66
2F02F07 ivn-mus LD50:100 mg/kg CHTPBA 1,137,66

MU0535500 HYDANTOIN, 5-((p-CHLOROPHENOXY)METHYL)-5-METHYL-2,4-DITHIO-
UPDT:8306 MW: 286.81 MOLFM: C11-H11-Cl-N2-O-S2
SYN: 5-((p-CHLOROPHENOXY)METHYL)-5-METHYL-2,4-DITHIOHYDANTOIN * p-CHLOROPHENOXYMETHYL-5 METHYL-5 DITHIO-2,4 HYDANTOINE (French)
TOXICITY DATA AND REFERENCES:
2F02F07 ivn-mus LD50:100 mg/kg CHTPBA 1,137,66

MU0536000 HYDANTOIN, 5-((p-CHLOROPHENOXY)METHYL)-5-METHYL-2-THIO-
UPDT:8306 MW: 270.75 MOLFM: C11-H11-Cl-N2-O2-S
SYN: 5-((p-CHLOROPHENOXY)METHYL)-5-METHYL-2-THIOHYDANTOIN * p-CHLOROPHENOXYMETHYL-5 METHYL-5 THIO-2 HYDANTOINE (French)
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:200 mg/kg CHTPBA 1,137,66

MU0536500 HYDANTOIN, 5-((p-CHLOROPHENOXY)METHYL)-5-PHENYL-
UPDT:8306 MW: 316.76 MOLFM: C16-H13-Cl-N2-O3
SYN: 5-((p-CHLOROPHENOXY)METHYL)-5-PHENYLHYDANTOIN * p-CHLOROPHENOXYMETHYL-5 PHENYL-5 HYDANTOINE (French)
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:200 mg/kg CHTPBA 1,137,66

HYDANTOIN, DICHLORODIMETHYL- see: MU0700000

MU0700000 HYDANTOIN, 1,3-DICHLORO-5,5-DIMETHYL-
UPDT:8412 CAS: 118-52-5 MW: 197.03 MOLFM: C5-H6-Cl2-N2-O2
SYN: DACTIN * DCA * 1,3-DICHLORO-5,5-DIMETHYLHYDANTOIN * 1,3-DICHLORO-5,5'-METHYLHYDANTOIN * HYDANTOIN, DICHLORODIMETHYL- * NCI-C03054 * OMCHLOR
MUTATION DATA AND REFERENCES:
otr-rat:emb 6300 ng/plate JJATDK 1,190,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:542 mg/kg DTLVS* 4,129,80
3F07F31J22 orl-rbt LD50:1520 mg/kg GISAAA 47(6),76,82
3F07F31J22 orl-gpg LD50:1350 mg/kg GISAAA 47(6),76,82
* unk-mam LD50:500 mg/kg GWXXBX #2550828
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug/m3; STEL 400 ug/m3 DTLVS* 4,129,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug/m3 (SCP-I) FEREAC 39,23540,74
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED BUT DEFERRED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0281-0382

MU0962000 HYDANTOIN, 3-(3-(DIETHYLAMINO)PROPYL)-5-ISOBUTYL-2-THIO-
UPDT:8311 MW: 285.50 MOLFM: C14-H27-N3-O-S
SYN: 3-(3-(DIETHYLAMINO)PROPYL)-5-ISOBUTYL-2-THIOHYDANTOIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg FRPSAX 38,383,83

MU0962500 HYDANTOIN, 3-(3-(DIETHYLAMINO)PROPYL)-5-ISOPROPYL-2-THIO-
UPDT:8311 MW: 271.47 MOLFM: C13-H25-N3-O-S
SYN: 3-(3-(DIETHYLAMINO)PROPYL)-5-ISOPROPYL-2-THIOHYDANTOIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg FRPSAX 38,383,83

MU0963000 HYDANTOIN, 3-(3-(DIETHYLAMINO)PROPYL)-5-METHYL-2-THIO-, HYDROCHLORIDE
UPDT:8311 MW: 279.87 MOLFM: C11-H21-N3-O-S Cl-H
SYN: 3-(3-(DIETHYLAMINO)PROPYL)-5-METHYL-2-THIOHYDANTOIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg FRPSAX 38,383,83

MU0964000 HYDANTOIN, 3-(3-(DIETHYLAMINO)PROPYL)-2-THIO-, HYDROCHLORIDE
UPDT:8311 MW: 265.84 MOLFM: C10-H19-N3-O-S Cl-H
SYN: 3-(3-(DIETHYLAMINO)PROPYL)-2-THIOHYDANTOIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg FRPSAX 38,383,83

MU0977000 HYDANTOIN, 5,5-DIMETHYL-
UPDT:8306 CAS: 77-71-4 MW: 128.15 MOLFM: C5-H8-N2-O2
SYN: DMH * 5,5-DIMETHYLHYDANTOIN * 2,4-IMIDAZOLIDINEDIONE, 5,5-DIMETHYL- * T10
TOXICITY DATA AND REFERENCES:
3F07F31J22 orl-rat LD50:7800 mg/kg GISAAA 47(6),76,82
scu-mus LD50:2800 mg/kg ARZNAD 4,723,54
3F07J22K01 unk-mus LD50:10 gm/kg GISAAA 46(5),69,81
3F07F21J22 orl-rbt LD50:12660 mg/kg GISAAA 47(6),76,82
3F07F31J22 orl-gpg LD50:8430 mg/kg GISAAA 47(6),76,82
3F07J22K01 unk-gpg LD50:5600 mg/kg GISAAA 46(5),69,81
3F07J22K01 unk-mam LD50:15950 mg/kg GISAAA 46(5),69,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MU0982000 HYDANTOIN, 3-(3-(DIMETHYLAMINO)PROPYL)-, HYDROCHLORIDE
UPDT:8311 MW: 221.72 MOLFM: C8-H15-N3-O2 Cl-H
SYN: 3-(3-(DIMETHYLAMINO)PROPYL)HYDANTOIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1300 mg/kg FRPSAX 38,383,83

MU0982100 HYDANTOIN, 3-(3-(DIMETHYLAMINO)PROPYL)-5-(p-HYDROXYPHENYL)-2-THIO-, HYDROCHLORIDE
UPDT:8311 MW: 329.88 MOLFM: C14-H19-N3-O2-S Cl-H
SYN: 3-(3-(DIMETHYLAMINO)PROPYL)-5-(p-HYDROXYPHENYL)-2-THIOHYDANTOIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg FRPSAX 38,383,83

MU0982200 HYDANTOIN, 3-(3-(DIMETHYLAMINO)PROPYL)-5-(5-IMIDAZOLYLMETHYL)-2-THIO-, DIHYDROCHLORIDE
UPDT:8311 MW: 353.33 MOLFM: C12-H18-N5-O-S 2Cl-H
SYN: 3-(3-(DIMETHYLAMINO)PROPYL)-5-(5-IMIDAZOLYLMETHYL)-2-THIOHYDANTOIN DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:390 mg/kg FRPSAX 38,383,83

MU0982300 HYDANTOIN, 3-(3-(DIMETHYLAMINO)PROPYL)-5-ISOBUTYL-2-THIO-
UPDT:8311 MW: 257.44 MOLFM: C12-H23-N3-O-S
SYN: 3-(3-(DIMETHYLAMINO)PROPYL)-5-ISOBUTYL-2-THIOHYDANTOIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg FRPSAX 38,383,83

MU0982400 HYDANTOIN, 3-(3-(DIMETHYLAMINO)PROPYL)-5-ISOPROPYL-2-THIO-
UPDT:8311 MW: 243.41 MOLFM: C11-H21-N3-O-S
SYN: 3-(3-(DIMETHYLAMINO)PROPYL)-5-ISOPROPYL-2-THIOHYDANTOIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg FRPSAX 38,383,83

MU0982500 HYDANTOIN, 3-(3-(DIMETHYLAMINO)PROPYL)-5-(2-(METHYLTHIO)ETHYL)-2-THIO-, HYDROCHLORIDE
UPDT:8311 MW: 311.93 MOLFM: C11-H21-N3-O-S2 .Cl-H
SYN: 3-(3-(DIMETHYLAMINO)PROPYL)-5-(2-(METHYLTHIO)ETHYL)-2-THIOHYDANTOIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2G06G30 ipr-mus LD50:500 mg/kg FRPSAX 38,383,83

MU0982600 HYDANTOIN, 3-(3-(DIMETHYLAMINO)PROPYL)-5-METHYL-2-THIO-, HYDROCHLORIDE
UPDT:8311 MW: 251.81 MOLFM: C9-H17-N3-O-S Cl-H
SYN: 3-(3-(DIMETHYLAMINO)PROPYL)-5-METHYL-2-THIOHYDANTOIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2G06G30 ipr-mus LD50:600 mg/kg FRPSAX 38,383,83

MU0982800 HYDANTOIN, 3-(3-(DIMETHYLAMINO)PROPYL)-1-PHENYL-2-THIO-, HYDROCHLORIDE
UPDT:8311 MW: 313.88 MOLFM: C14-H19-N3-O-S Cl-H
SYN: 3-(3-(DIMETHYLAMINO)PROPYL)-1-PHENYL-2-THIOHYDANTOIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2G06G30 ipr-mus LD50:200 mg/kg FRPSAX 38,383,83

MU0982900 HYDANTOIN, 3-(3-(DIMETHYLAMINO)PROPYL)-2-THIO-, HYDROCHLORIDE
UPDT:8311 MW: 237.78 MOLFM: C8-H15-N3-O-S Cl-H
SYN: 3-(3-(DIMETHYLAMINO)PROPYL)-2-THIOHYDANTOIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2G06G30 ipr-mus LD50:300 mg/kg FRPSAX 38,383,83

MU0986000 HYDANTOIN, 5,5-DIMETHYL-1,3-DINITRO-
UPDT:8308 MW: 218.15 MOLFM: C5-H6-N4-O6
SYN: 5,5-DIMETHYL-1,3-DINITROHYDANTOIN * 1,3-DINITRO-5,5-DIMETHYLHYDANTOIN
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

MU0991000 HYDANTOIN, 5,5-DIMETHYLDITHIO-
UPDT:8311 MW: 160.27 MOLFM: C5-H8-N2-S2
SYN: 5,5-DIMETHYLDITHIOHYDANTOIN * DIMETHYLDITHIOHYDANTOINE (French)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:350 mg/kg APFRAD 7,569,49

MU1050000 HYDANTOIN, 5,5-DIPHENYL-
UPDT:8412 CAS: 57-41-0 MW: 252.29 MOLFM: C15-H12-N2-O2

SYN: ALEVIATIN * ANTISACER * AURANILE * CAUSOIN * CITRULLAMON * CITRULLIAMON * COMITAL * COMITOINA * CONVUL * DANTEN * DANTINAL * DANTOINAL * DANTOINAL KLINOS * DANTOINE * DENYL * DIDAN-TDC-250 * DIFENIN * DIFETOIN * DIFHYDAN * DIFENILHIDANTOINA (Spanish) * DIHYCON * DI-HYDAN * DIHYDANTOIN * DILABID * DI-LAN * DILANTINE * DILANTIN * DILLANTIN * DINTOIN * DINTOINA * DIPHANTOIN * DIPHEDAL * DIPHEDAN * DIPHENIN * DIPHENINE * DIPHENTOIN * DIPHENTYN * DIPHENYLAN * DIPHENYLHYDANTOIN * 5,5-DIPHENYLHYDANTOIN * DIPHENYLHYDANTOINE (French) * 5,5-DIPHENYLIMIDAZOLIDIN-2,4-DIONE * 5,5-DIPHENYL-2,4-IMIDAZOLIDINEDIONE * DI-PHETINE * DITOINATE * DPH * EKKO CAPSULES * ELEPSINDON * ENKELFEL * EPAMIN * EPANUTIN * EPASMIR 5 * EPDANTOINE SIMPLE * EPELIN * EPIFENYL * EPIHYDAN * EPILAN * EPILAN-D * EPILANTIN * EPINAT * EPISED * EPTAL * EPTOIN * FENANTOIN * FENIDANTOIN S * FENITOINA * FENTOIN * FENYLEPSIN * FENYTOINE * GEROT-EPILAN-D * HIDAN * HIDANTAL * HIDANTILO * HIDANTINA * HIDANTINA SENOSIAN * HIDANTINA VITORIA * HIDANTOMIN * HINDATAL * HYDANTAL * HYDANTIN * HYDANTOIN * HYDANTOINAL * ICTALIS SIMPLE * IDANTOIL * IDANTOIN * KESSODANTEN * LABOPAL * LEHYDAN * LEPITOIN * LEPSIN * MINETOIN * NCI-C55765 * NEOS-HIDANTOINA * NEOSIDANTOINA * NOVANTOINA * OM HIDANTOINA SIMPLE * OM-HYDANTOINE * OXYLAN * PHANANTIN * PHANATINE * PHENATINE * PHENATOINE * PHENITOIN * PHENTOIN * PHENYTOIN * RITMENAL * SACERIL * SANEPIL * SILANTIN * SODANTOIN * SODANTON * SOLANTIN * SOLANTOIN * SOLANTYL * SYLANTOIC * TACOSAL * THILOPHENYL * TOIN * TOIN UNICELLES * ZENTRONAL * ZENTROPIL

MUTATION DATA AND REFERENCES:

	dnd-esc 50 umol/L	MUREAV 89,95,81
	pic-esc 100 mg/L	VIRLAX 99,257,79
	dni-hmn:lym 360 umol/L	TXAPA9 33,38,75
	cyt-hmn:leu 100 ug/L	AJOGAH 109,961,71

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T41T43T44	orl-wmn TDLo:1620 mg/kg (1-39W preg)	JAMAAP 244,1464,80
1T43	orl-wmn TDLo:1080 mg/kg (1-39W preg)	LANCAO 2,702,71
3T42T43T47	orl-wmn TDLo:1620 mg/kg (1-39W preg)	LANCAO 2,481,80
3T43T86T91	orl-wmn TDLo:1365 mg/kg (1-39W preg)	JOPDAB 89,662,76
3T44T46T59	orl-wmn TDLo:540 mg/kg (1-39W preg)	JOPDAB 87,285,75
3T44T86T91	unk-wmn TDLo:3675 mg/kg (1-35W preg)	OBGNAS 52,682,78
2T47T87	unk-wmn TDLo:1620 mg/kg (1-39W preg)	JOPDAB 89,662,76
1T81	unk-wmn TDLo:540 mg/kg (1-39W preg)	JOPDAB 89,662,76
1T83	orl-rat TDLo:50 mg/kg (7-16D preg)	BCPCA6 28,2585,79
1T41	orl-rat TDLo:1300 mg/kg (7-19D preg)	BJPCBM 59,494,77
3T46T81T85	orl-rat TDLo:1300 mg/kg (7-19D preg)	TJADAB 24,115,81
1T26	orl-rat TDLo:1300 mg/kg (7-19D preg)	TJADAB 24,115,81
1T35	orl-rat TDLo:3250 mg/kg (7-19D preg)	TJADAB 25(1),23A,82
2T14T29	ipr-rat TDLo:50 mg/kg (1D pre)	PSEBAA 119,982,65
2T45T53	ipr-rat TDLo:338 mg/kg (12-14D preg)	DABBBA 36,2145,75
2T41T53	ipr-rat TDLo:150 mg/kg (11D preg)	TXAPA9 22,193,72
2T34T35	ipr-rat TDLo:100 mg/kg (11D preg)	TXAPA9 22,193,72
1T46	ipr-rat TDLo:150 mg/kg (14D preg)	TXAPA9 22,193,72
3T25T31T34	scu-rat TDLo:900 mg/kg (10-15D preg)	TJADAB 12,291,75
1T46	scu-rat TDLo:900 mg/kg (10-15D preg)	TJADAB 12,291,75
1T43	scu-rat TDLo:600 mg/kg (13-15D preg)	TXAPA9 22,193,72
1T85	scu-rat TDLo:120 mg/kg (15-22D preg)	PYRTAZ 47,1163,80
1T87	scu-rat TDLo:1050 mg/kg (1-21D preg)	PJABDW 58,78,82
1T23	par-rat TDLo:4800 mg/kg (60D male)	IJMDAI 15,615,79
1T27	orl-mus TDLo:85 mg/kg (10D preg)	JDREAF 57,362,78
2T47T53	orl-mus TDLo:640 mg/kg (14D pre/1-18D preg)	SCIEAS 211,483,81
1T46	orl-mus TDLo:150 mg/kg (6-15D preg)	TXCYAC 6,323,76
2T42T54	orl-mus TDLo:400 mg/kg (9-18D preg)	TJADAB 25(2),33A,82
1T43	orl-mus TDLo:45 mg/kg (12D preg)	TXAPA9 32,53,75
1T54	orl-mus TDLo:200 mg/kg (9-18D preg)	TOLED5 18(Suppl 1),151,83
1T33	ipr-mus TDLo:58 mg/kg (13D preg)	TOLED5 18(Suppl 1),109,83
1T83	ipr-mus TDLo:88 mg/kg (9D preg)	PEREBL 11,528,77
3T24T25T43	ipr-mus TDLo:150 mg/kg (11-13D preg)	JDREAF 58,1918,79
1T39	ipr-mus TDLo:75 mg/kg (10D preg)	TJADAB 13,32A,76
1T46	ipr-mus TDLo:50 mg/kg (13D preg)	TJADAB 2,305,69
3T25T41T53	ipr-mus TDLo:88 mg/kg (10D preg)	TJADAB 19,45,79
1T25	scu-mus TDLo:100 mg/kg (11D preg)	CCSUDL 3,401,78
1T43	ims-mus TDLo:100 mg/kg (10D preg)	PSEBAA 173,82,83
1T39	par-mus TDLo:88 mg/kg (9D preg)	TJADAB 17,34A,78
1T43	par-mus TDLo:263 mg/kg (11-13D preg)	TJADAB 15,17A,77
2T46T47	unk-mus TDLo:106 mg/kg (8-10D preg)	FEPRA7 38,438,79
1T53	unk-mky TDLo:210 mg/kg (25-45D preg)	27CWAL -,286,72
1T43	unk-rbt TDLo:450 mg/kg (6-8D preg)	36DLAV -,105,76

TUMORIGENIC DATA AND REFERENCES:

3V01T65M61	orl-wmn TDLo:1620 mg/kg (1-39W preg)	LANCAO 2,481,80
3V01T65A60	orl-wmn TDLo:1620 mg/kg (1-39W preg)	JAMAAP 244,1464,80
2V01P62	orl-wmn TDLo:730 mg/kg/1Y-C	NKGZAE 46,1,83
3V01T65A60	unk-wmn TDLo:1620 mg/kg (1-39W preg)	JAMAAP 244,1464,80
3V01T65M61	unk-wmn TDLo:1620 mg/kg (1-39W preg)	LANCAO 2,481,80
2V03R60	orl-rat TDLo:1500 mg/kg	CNREA8 26,619,66
3V03P60P62	orl-mus TDLo:5284 mg/kg/17W-C	ZKKOBW 78,290,72
2V03R60	orl-rat TD :1500 mg/kg/27D-I	CNREA8 28,924,68
2V01P62	orl-wmn TD :730 mg/kg/1Y-C	NKGZAE 43,711,80
3V02P62R60	orl-chd TD :6023 mg/kg/1Y-C	AJDRAT 22,28,81

TOXICITY DATA AND REFERENCES:

1R03	orl-chd TDLo:3 mg/kg/3W	CLPTAT 20,48,76
	orl-chd LDLo:67 mg/kg	NEURAI 11,138,61
2F17F19	orl-chd TDLo:11 mg/kg/D	AJDCAI 130,75,76
2A30F19	orl-man TDLo:15 gm/kg	ARNEAS 27,453,72
1P30	orl-man TDLo:1300 mg/kg	AIMEAS 69,557,68
3L12P30R03	orl-chd TDLo:140 mg/kg/2W-I	PEDIAU 28,943,61
*	orl-rat LD50:2195 mg/kg	TJADAB 20,413,79
	ipr-rat LD50:200 mg/kg	JPMSAE 67,600,78
	ivn-rat LD50:141 mg/kg	ARZNAD 27,811,77
1F02	orl-mus LD50:150 mg/kg	JMCMAR 18,383,75
	ipr-mus LD50:180 mg/kg	DPHFAK 21,113,69
	scu-mus LD50:138 mg/kg	ARZNAD 4,723,54
*	ivn-mus LD50:76 mg/kg	AIPTAK 177,261,69
	ivn-dog LD50:90 mg/kg	27ZQAG -,224,72
	orl-rbt LDLo:50 mg/kg	ARZNAD 4,723,54
	ivn-rbt LD50:64 mg/kg	ARZNAD 27,811,77
1F02	orl-mam LD50:250 mg/kg	JMCMAR 8,836,65

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: DICPBB 8(12),690,74; AUHPAI 4(1),5,74; DRUGAY 8(5),354,74; INTEAG 15(1),7,74; EPILAK 16,159,75; CLCHAU 19,361,73; PRSMA4 63,48,70; FNSCA6 2,67,73; BMJOAE 2,442,73; DMWOAX 105,719,80; TJADAB 19,18A,79; BIREBV 8,259,73; 43VSAU -,83,80

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 13,201,77
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 13,201,77

STATUS:

NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU1160000 HYDANTOIN, 5,5-DIPHENYL-, and 5-ETHYLDIHYDRO-5-PHENYL-4,6(1H,5H)-PYRIMIDINEDIONE (1:2)

UPDT 8407 MW 688.85 MOLFM C15-H12-N2-O2 2C12-H14-N2-O2

SYN: DIPHENYLHYDANTOIN and PRIMIDONE (1:2) * PHENYTOIN and PRIMIDONE (1:2) * PRIMIDONE and DIPHENYLHYDANTOIN (2:1) * PRIMIDONE and PHENYTOIN (2:1)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T43T46	orl-wmn TDLo:1620 mg/kg (1-39W preg)	CMAJAX 112,75,75
2T45T49	unk-wmn TDLo:3360 mg/kg (1-40W preg)	LANCAO 2,839,72
1T47	unk-wmn TDLo:2107 mg/kg (1-43W preg)	LANCAO 2,839,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU1170000 HYDANTOIN, 5,5-DIPHENYL-, and 5-ETHYL-1-METHYL-5-PHENYLBARBITURIC ACID (1:2)

UPDT 8407 MW 744.87 MOLFM C15-H12-N2-O2 2C13-H14-N2-O3

SYN: DIPHENYLHYDANTOIN and MEPHOBARBITAL (2:1) * DIPHENYLHYDANTOIN and METHYLPHENOBARBITONE (1:2) * MEPHOBARBITAL and DIPHENYLHYDANTOIN (1:2) * METHYLPHENOBARBITONE and DIPHENYLHYDANTOIN (2:1) * METHYLPHENOBARBITONE and PHENYTOIN (2:1) * PHENYTOIN and METHYLPHENOBARBITONE (1:2)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T43T44T46	orl-wmn TDLo:1944 mg/kg (1-39W preg)	JOPDAB 87,285,75
2T81T86	orl-wmn TDLo:1944 mg/kg (1-39W preg)	JOPDAB 87,285,75
3T45T53T87	unk-wmn TDLo:3528 mg/kg (1-42W preg)	LANCAO 2,839,72
1T87	unk-wmn TDLo:3360 mg/kg (1-40W preg)	LANCAO 2,839,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU1180000 HYDANTOIN, 5,5-DIPHENYL-, mixed with 5-ETHYL-5-PHENYLBARBITURIC ACID (6:1)

UPDT 8407

SYN: DIPHENYLHYDANTOIN AND PHENOBARBITAL * PHENOBARBITAL and DIPHENYLHYDANTOIN * PHENOBARBITONE and PHENYTOIN * PHENYTOIN and PHENOBARBITONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T43	orl-wmn TDLo:621 mg/kg (1-39W preg)	LANCAO 2,702,71
3T46T81T86	orl-wmn TDLo:3203 mg/kg (1-44W preg)	AJDCAI 127,758,74
2T81T86	orl-wmn TDLo:2808 mg/kg (1-39W preg)	JOPDAB 87,285,75
3T42T43T81	orl-wmn TDLo:2646 mg/kg (1-39W preg)	JOPDAB 89,154,76
3T45T46T47	unk-wmn TDLo:1884 mg/kg (1-39W preg)	JOPDAB 84,254,74
1T53	unk-wmn TDLo:1884 mg/kg (1-39W preg)	JOPDAB 84,254,74
3T41T43T47	unk-wmn TDLo:1624 mg/kg (1-40W preg)	LANCAO 2,839,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU1400000 HYDANTOIN, 5,5-DIPHENYL-, MONOSODIUM SALT

UPDT 8412 CAS: 630-93-3 MW: 274.27 MOLFM: C15-H11-N2-O2 .Na

SYN: ALEPSIN * ANTILEPSIN * ANTISACER * AURANILE * CITRULLAMON * DANTEN * DANTOIN * DENYL * DENYL SODIUM * DERIZENE * DIFENIN * DIFETOIN * DIFHYDAN * DI-HYDAN * DIHYDANTOIN * DILANTIN * DILANTIN SODIUM * DI-LEN * DINTOINA * DIPHANTOINE * DIPHEDAN * DIPHENATE * DIPHENIN * DIPHENINE SODIUM * DIPHENTOIN * DIPHENYLHYDANTOIN SODIUM * 5,5-DIPHENYLHYDANTOIN SODIUM * 5,5-DIPHENYL-2,4-IMIDAZOLIDINE-DIONE, MONOSODIUM SALT * DIPHENYLAN SODIUM * DI-PHETINE * DITOIN * DIVULSAN * DPH * ENKEFAL * EPAMIN * EPANUTIN * EPELIN * EPIFENYL * EPIHYDAN * EPILAN-D * EPILANTIN * EPINAT * EPTOIN * FENANTOIN * FENITOIN * FENYTOINE * HIDANTAL SODIUM * HYDANTIN SODIUM * HYDANTOINAL SODIUM * HYDANTOIN, 5,5-DIPHENYL-, SODIUM SALT * HYDANTOIN SODIUM * IDANTOIL * IDANTOINAL * 2,4-IMIDAZOLIDINEDIONE, 5,5-DIPHENYL-, MONOSODIUM SALT * LEPITOIN * LEPITOIN SODIUM * MINETOIN * NOVANTOINA * NOVODIPHENYL * OM-HYDANTOINE SODIUM * PHENHYDAN * PHENYTOIN SODIUM * PHENYTOINUM SODIUM * SACERIL * SDPH * SODANTON * SODIUM DIPHENYLHYDANTOIN * SODIUM DIPHENYL HYDANTOINATE * SODIUM 5,5-DIPHENYLHYDANTOINATE * SODIUM 5,5-DIPHENYL-2,4-IMIDAZOLIDINEDIONE * SODIUM PHENYTOIN * SOLANTOIN * SOLANTYL * SOLUBLE PHENYTOIN * SYLANTOIC * TACOSAL * THILOPHENYT * ZENTROPIL

MUTATION DATA AND REFERENCES:

	dnd-esc 50 umol/L	MUREAV 89,95,81
	pic-esc 100 mg/L	VIRLAX 99,257,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T81T85	orl-rat TDLo:3 gm/kg (9-13D preg)	TJADAB 27,149,83
2T34T43	orl-mus TDLo:1500 mg/kg (6-15D preg)	ChaEB# 19JAN78
1T43	orl-mus TDLo:600 mg/kg (12-16D preg)	TXAPA9 34,271,75
1T47	ipr-mus TDLo:189 mg/kg (8-10D preg)	TXAPA9 64,271,82
1T39	ipr-mus TDLo:263 mg/kg (11-13D preg)	JDREAF 58,1740,79
1T43	ipr-mus TDLo:150 mg/kg (11-13D preg)	TXAPA9 24,150,73
1T25	ipr-mus TDLo:130 mg/kg (10D preg)	JPETAB 221,228,82
3T34T42T46	ipr-mus TDLo:165 mg/kg (8-10D preg)	TXAPA9 64,271,82
1T33	scu-mus TDLo:50 mg/kg (12D preg)	PSEBAA 168,175,81
3T25T34T43	scu-mus TDLo:150 mg/kg (11-13D preg)	PSEBAA 128,905,68
1T46	scu-mus TDLo:150 mg/kg (11-13D preg)	PSEBAA 128,905,68
1T53	scu-mus TDLo:360 mg/kg (11-14D preg)	JPMSAE 70,631,81
1T43	ims-mus TDLo:200 mg/kg (11-14D preg)	JCGBDF 2,277,82
1T25	orl-cat TDLo:26 mg/kg (10-22D preg)	TJADAB 20,447,79
2T50T51	orl-rbt TDLo:900 mg/kg (7-18D preg)	TJADAB 21,371,80
3T43T46T42	orl-rbt TDLo:300 mg/kg (7-18D preg)	TXAPA9 48,A32,79
1T25	orl-rbt TDLo:900 mg/kg (7-18D preg)	TXAPA9 48,A32,79
2T25T26	orl-rbt TDLo:1200 mg/kg (7-18D preg)	TJADAB 21,371,80

TOXICITY DATA AND REFERENCES:

2N30R03	orl-wmn TDLo:4 mg/kg/D	JAMAAP 176,491,61
3R03P01J25	orl-wmn LDLo:78 mg/kg	ADSYAF 46,856,42
	unk-man LDLo:29 mg/kg	85DCAI 2,73,70
*	orl-rat LD50:1635 mg/kg	ARZNAD 33,1155,83
*	ipr-rat LD50:280 mg/kg	NIIRDN 6,656,82
*	ivn-rat LD50:104 mg/kg	ARZNAD 33,1155,83
*	orl-mus LD50:165 mg/kg	IJEBA6 19,1047,81
*	ipr-mus LD50:150 mg/kg	DRFUD4 7,464,82
	scu-mus LD50:400 mg/kg	BCPCA6 17,369,68
*	ivn-mus LD50:132 mg/kg	ARZNAD 33,1155,83
	ivn-dog LDLo:90 mg/kg	ARPAAQ 28,761,39
*	ivn-rbt LD50:56400 ug/kg	ARZNAD 33,1168,83
*	scu-gpg LD50:280 mg/kg	AIPTAK 137,375,62

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 13,201,77

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU1420000 HYDANTOIN, 5,5-DIPHENYL-, and (2-PHENYLBUTYRYL)UREA (1:2)

UPDT 8305 MW 664.83 MOLFM C15-H12-N2-O2 2C11-H14-N2-O2

SYN: DIPHENYLHYDANTOIN and PHENETURIDE (1:2) * PHENETURIDE and DIPHENYLHYDANTOIN (2:1) * PHENETURIDE and PHENYTOIN (2:1) * PHENYTOIN and PHENETURIDE (1:2)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T41	unk-wmn TDLo:5040 mg/kg (1-40W preg)	LANCAO 2,839,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDANTOIN, 5,5-DIPHENYL-, SODIUM SALT see: MU1400000

MU1750000 HYDANTOIN, 5,5-DIPHENYL-2-THIO-

UPDT 8401 CAS: 21083-47-6 MW: 268.35 MOLFM: C15-H12-N2-O-S

SYN: 5,5-DIPHENYL-2-THIOHYDANTOIN

TUMORIGENIC DATA AND REFERENCES:

2V03R60	orl-rat TDLo:3500 mg/kg	CNREA8 28,924,68

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU2275000 HYDANTOIN, 5-ETHYL-3-METHYL-5-PHENYL-
UPDT:8403 CAS: 50-12-4 MW: 218.28 MOLFM: C12-H14-N2-O2
SYN: EPILAN * 5-ETHYL-3-METHYL-5-PHENYLHYDANTOIN * 5-ETHYL-3-METHYL-5-PHENYL-2,4-IMIDAZOLIDINEDIONE * 5-ETHYL-3-METHYL-5-PHENYL-2,4(3H,5H)-IMIDAZOLEDIONE * 5-ETHYL-3-METHYL-5-PHENYLIMIDAZOLIDIN-2,4-DIONE * 3-ETHYLNIRVANOL * GEROT-EPILAN * 2,4-IMIDAZOLIDINEDIONE, 5-ETHYL-3-METHYL-5-PHENYL- * INSULTON * MEPHENYTOIN * MESANTOIN * MESONTOIN * METHOIN * 3-METHYL-5-ETHYL-5-PHENYLHYDANTOIN * 3-METHYL-5,5-ETHYLPHENYLHYDANTOIN * METHYL HYDANTOIN * 3-METHYL-5,5-PHENYLETHYLHYDANTOIN * NSC-34652 * PHENANTOIN * PHENYLETHYLMETHYLHYDANTOIN * SACERNO * SEDANTOINAL * TRIANTOIN

MUTATION DATA AND REFERENCES:

	cyt-hmn:leu 1 mg/L	AJOGAH 116,867,73

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	ipr-mus TDLo:786 mg/ka (8-10D preg)	TXAPA9 64,271,82
2T46T47	unk-mus TDLo:786 mg/kg (8-10D preg)	FEPRA7 38,438,79

TOXICITY DATA AND REFERENCES:

3F07P01Q01	orl-wmn TDLo:1100 mg/kg	JAMAAP 138,-198,49
	orl-rat LD50:850 mg/kg	27ZQAG -,263,72
*	ipr-rat LDLo:270 mg/kg	85ESA3 9,760,76
	orl-mus LD50:550 mg/kg	27ZQAG -,263,72
2F01P20	ipr-mus LD50:317 mg/kg	AIPTAK 156,261,65
	orl-cat LD50:190 mg/kg	27ZQAG -,263,72
	orl-rbt LD50:430 mg/kg	27ZIAQ -,151,73
	orl-gpg LD50:380 mg/kg	27ZQAG -,263,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 1(1),93,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU2276000 HYDANTOIN, 5-ETHYL-3-METHYL-5-PHENYL-, (-)-
UPDT:8306 MW: 218.28 MOLFM: C12-H14-N2-O2
SYN: (-)-5-ETHYL-3-METHYL-5-PHENYLHYDANTOIN * l-MEPHENYTOIN * l-3-METHYL-5-ETHYL-5-PHENYLHYDANTOIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	ipr-mus TDLo:104 mg/kg (10D preg)	JPETAB 221,228,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU2400000 HYDANTOIN, 5-(1-ETHYLPENTYL)-3-((TRICHLOROMETHYL)THIO)-
UPDT:8308 CAS: 5588-20-5 MW: 347.71 MOLFM: C11-H17-Cl3-N2-O2-S
SYN: CHLORDANTOIN * CLODANTOIN * 5-(1-ETHYLPENTYL)-3-((TRICHLOROMETHYL)THIO)HYDANTOIN * 2,4-IMIDAZOLIDINEDIONE, 5-(1-ETHYLPENTYL)-3-((TRICHLOROMETHYL)THIO)- (9CI) * 3-TRICHLOROMETHYLTHIO-5-(1-ETHYLAMYL)-HYDANTOIN

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:86 mg/kg	ANTCAO 11,73,61

MU2450000 HYDANTOIN, 3-ETHYL-5-PHENYL-
UPDT:8308 CAS: 86-35-1 MW: 204.25 MOLFM: C11-H12-N2-O2
SYN: ETHOTOIN * 1-ETHYL-2,5-DIOXO-4-PHENYLIMIDAZOLIDINE * 3-ETHYL-5-PHENYLHYDANTOIN * 3-ETHYL-5-PHENYLIMIDAZOLIDIN-2,4-DIONE * PEGANONE * PEGOANONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T43T46	ipr-mus TDLo:1194 mg/kg (8-10D preg)	TXAPA9 64,271,82
1T34	ipr-mus TDLo:858 mg/kg (8-10D preg)	TXAPA9 64,271,82
2T46T47	unk-mus TDLo:1195 mg/kg (8-10D preg)	FEPRA7 38,438,79

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1500 mg/kg	NIIRDN 6,117,82
*	ipr-rat LD50:625 mg/kg	NIIRDN 6,117,82
*	scu-rat LD50:1 gm/kg	NIIRDN 6,117,82
*	orl-mus LD50:1750 mg/kg	NIIRDN 6,117,82
*	ipr-mus LD50:923 mg/kg	NIIRDN 6,117,82
*	scu-mus LD50:1060 mg/kg	NIIRDN 6,117,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU2452100 HYDANTOIN, 5-ETHYL-5-PHENYL-, (-)-
UPDT:8306 MW: 204.25 MOLFM: C11-H12-N2-O2
SYN: (-)-5-ETHYL-5-PHENYLHYDANTOIN * l-5-ETHYL-5-PHENYLHYDANTOIN * l-NIRVANOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T34	ipr-mus TDLo:97 mg/kg (10D preg)	JPETAB 221,228,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU2452200 HYDANTOIN, 1-(4-(p-ETHYLPHENYL)-2-THIAZOLYL)-
UPDT:8406 MW: 287.36 MOLFM: C14-H13-N3-O2-S
SYN: 1-(4-(p-ETHYLPHENYL)-2-THIAZOLYL)HYDANTOIN

TOXICITY DATA AND REFERENCES:

3F17F18F19	ipr-mus LD50:464 mg/kg	PHARAT 38,341,83

MU2452300 HYDANTOIN, 1-(4-ETHYL-2-THIAZOLYL)-
UPDT:8406 MW: 199.25 MOLFM: C7-H9-N3-O2-S
SYN: 1-(4-ETHYL-2-THIAZOLYL)HYDANTOIN

TOXICITY DATA AND REFERENCES:

2F17Y55	ipr-mus LD50:215 mg/kg	PHARAT 38,341,83

MU2480000 HYDANTOIN, 3-HYDROXYMETHYL-1-((3-(5-NITRO-2-FURYL)ALLYLIDENE)AMINO)-
UPDT:8401 CAS: 18857-59-5 MW: 294.25 MOLFM: C11-H10-N4-O6
SYN: 3-HYDROXYMETHYL-1-((3-(5-NITRO-2-FURYL)ALLYLIDENE)AMINO)HYDANTOIN

TUMORIGENIC DATA AND REFERENCES:

2V01M61	orl-rat TDLo:51 gm/kg/49W-C	CNREA8 33,2894,73

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CCSUDL 4,171,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU2492300 HYDANTOIN, 1-(4-(ISOBUTYL)-2-THIAZOLYL)-
UPDT:8406 MW: 239.32 MOLFM: C10-H13-N3-O2-S
SYN: 1-(4-(ISOBUTYL)-2-THIAZOLYL)HYDANTOIN

TOXICITY DATA AND REFERENCES:

3F17F18Y55	ipr-mus LD50:681 mg/kg	PHARAT 38,341,83

MU2496000 HYDANTOIN, 1-(4-(p-METHOXYPHENYL)-2-THIAZOLYL)-
UPDT:8406 MW: 289.33 MOLFM: C13-H11-N3-O3-S
SYN: 1-(4-(p-METHOXYPHENYL)-2-THIAZOLYL)HYDANTOIN

TOXICITY DATA AND REFERENCES:

3F17J30Y55	ipr-mus LD50:464 mg/kg	PHARAT 38,341,83

MU2630000 HYDANTOIN, 5-METHYL-5-(1,2,3,4-TETRAHYDRO-1-NAPHTHYL)-
UPDT:8406 MW: 244.32 MOLFM: C14-H16-N2-O2
SYN: 5-METHYL-5-(1,2,3,4-TETRAHYDRO-1-NAPHTHYL)HYDANTOIN * S 2-790A

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:600 mg/kg	JAPMA8 46,118,57

MU2770000 HYDANTOIN, 1-NITRO-
UPDT:8308 MW: 145.09 MOLFM: C3-H3-N3-O4
SYN: 1-NITROHYDANTOIN (DOT)

STANDARDS & REGULATIONS:

★	DOT-HAZARD:FORBIDDEN	CFRGBR 49,172.101,82

MU2800000 HYDANTOIN, 1-((5-NITROFURFURYLIDENE)AMINO)-
UPDT:8412 CAS: 67-20-9 MW: 238.18 MOLFM: C8-H6-N4-O5
SYN: BENKFURAN * BERKFURIN * CHEMIOFURAN * CYANTIN * DANTAFUR * FURADANTIN * FURADANTINE * FURADANTOIN * FURADONIN * FURADONINE * FURANTOIN * FURATOIN * FUROBACTINA * 2,4-IMIDAZOLIDINEDIONE, 1-(((5-NITRO-2-FURANYL)METHYLENE)AMINO)- * ITURAN * MACRODANTIN * NCI-C55196 * NIFURANTIN * NITROFURANTOIN * N-(5-NITROFURFURYLIDENE)-1-AMINOHYDANTOIN * N-(5-NITRO-2-FURFURYLIDENE)-1-AMINOHYDANTOIN * 1-((5-NITROFURFURYLIDENE)AMINO)HYDANTOIN * NSC 2107 * N-TOIN * ORAFURAN * PARFURAN * URIZEPT * USAF EA-2 * WELFURIN * ZOOFURIN

MUTATION DATA AND REFERENCES:

	mmo-sat 1250 ng/plate	MUREAV 136,1,84
	mma-sat 300 ng/plate	ENMUDM 5(Suppl 1),3,83
	dnr-sat 500 nmol/well	CNREA8 34,2266,74
	mmo-esc 300 nmol/well	CNREA8 34,2266,74
	mma-esc 10 mg/L	BJCAAI 37(Suppl 3),124,78
	dnr-esc 200 umol/L	MUREAV 67,133,79
	mrc-esc 500 nmol/well	CNREA8 34,2266,74
	pic-esc 15 mg/L	VIRLAX 99,257,79
	dnr-bcs 20 uL/disc	MUREAV 97,1,82
	mrc-smc 100 umol/L	MUREAV 67,145,79
	pic-omi 500 ug/L	CHDDAT 272,886,71
	sln-asn 1 mg/L	MUREAV 26,159,74
	mmo-eug 10 mg/L	JPROAR 17,129,70
	dnd-hmn:oth 112 gm/L	CBINA8 45,77,83
	bfa-hmn/sat 1400 mg/kg	JNCIAM 58,871,77
	dnd-rat-ipr 56 mg/kg	CBINA8 45,77,83
	dnd-rat:lvr 112 gm/L	CBINA8 45,77,83
	bfa-rat/smc 500 mg/kg	MUREAV 67,145,79
	bfa-rat/sat 1200 mg/kg/4D-C	CBINA8 15,69,76
	hma-rat/smc 500 mg/kg	MUREAV 67,145,79
	spm-rat-unk 16 mg/kg/8D	JOURAA 112,348,74
	dnd-mus-ipr 64 mg/kg	CBINA8 45,77,83
	dns-mus:oth 430 umol/L	CBINA8 16,223,77
	dni-mus:oth 50 mg/L	ONCODU 19,183,80
	sce-mus-ipr 64 mg/kg	CBINA8 45,77,83
	cyt-ham:lng 100 mg/L	AMONDS 3,253,80
	cyt-ham:fbr 60 mg/L	ESKHA5 96,55,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01	orl-man TDLo:140 mg/kg (14D male)	JOURAA 77,275,77
2T02T09	orl-rat TDLo:2100 mg/kg (14D male)	ENDOAO 53,585,53
1T59	unk-mus TDLo:750 mg/kg (9-11D preg)	TJADAB 14,250,76

TUMORIGENIC DATA AND REFERENCES:

2V02R60	orl-rat TDLo:135 gm/kg/2Y-C	CALEDQ 21,303,84

TOXICITY DATA AND REFERENCES:

2C16F19	orl-hmn TDLo:80 mg/kg	ARNEAS 18,680,68
1M16	unk-hmn TDLo:60 mg/kg	BMJOAE 2,1044,76
	orl-rat LD50:604 mg/kg	RPOBAR 2,303,70
	ipr-rat LD50:112 mg/kg	RPOBAR 2,303,70
	orl-mus LD50:360 mg/kg	JMCMAR 16,312,73
3F25J25M16	ipr-mus LD50:110 mg/kg	JPPMAB 16,663,64
*	orl-ckn LD50:53 mg/kg	JONUAI 112,1741,82
*	orl-mam LDLo:250 mg/kg	BCFAAI 102,505,63

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CCSUDL 4,171,78; CRTXB2 2,365,73; TRBMAV 25,270,67

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU2975000 HYDANTOIN, 1-(5-NITROFURFURYLIDENEAMINO)-, ACETATE
UPDT:8408 CAS: 1749-92-4 MW: 298.24 MOLFM: C8-H6-N4-O5 C2-H4-O2
SYN: 1-(5-NITROFURFURYLIDENEAMINO)-3-HYDANTOINACETATE

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:1600 mg/kg	JMCMAR 7,564,64

MU3865000 HYDANTOIN, 1-(((5-NITRO-2-FUROYL)METHYLENE)AMINO)-
UPDT:8406 MW: 266.19 MOLFM: C9-H6-N4-O6
SYN: 1-(((5-NITRO-2-FUROYL)METHYLENE)AMINO)HYDANTOIN

TOXICITY DATA AND REFERENCES:

3F25J25M16	ipr-mus LD50:110 mg/kg	JPPMAB 16,663,64

MU3871000 HYDANTOIN, 1-((3-(5-NITRO-2-FURYL)ALLYLIDENE)AMINO)-, POTASSIUM SALT
UPDT:8311 CAS: 21287-44-5 MW: 303.32 MOLFM: C10-H8-N4-O5 K
SYN: FURAGIN K * 2,4-IMIDAZOLIDENEDIONE, 1-((3-(5-NITRO-2-FURANYL)-2-PROPENYLIDENE)AMINO)-, POTASSIUM SALT * 1-((3-(5-NITRO-2-FURYL)ALLYLIDENE)AMINO)HYDANTOIN POTASSIUM * SOLAFUR

MUTATION DATA AND REFERENCES:

	mma-sat 100 ng/plate	PCJOAU 16,721,82
	dnr-esc 100 ug/L	PCJOAU 16,721,82

MU3875000 HYDANTOIN, 1-((5-(p-NITROPHENYL)FURFURYLIDENE)AMINO)-, SODIUM SALT
UPDT:8312 CAS: 14663-23-1 MW: 336.26 MOLFM: C14-H9-N4-O5 Na
SYN: DANTOROLENE SODIUM * DANTRIUM * DANTROLENE SODIUM * F-400 * 2,4-IMIDAZOLIDINEDIONE, 1-(((5-(4-NITROPHENYL)-2-FURANYL)METHYLENE)AMINO)-, SODIUM SALT * 1-((5-(p-NITROPHENYL)FURFURYLIDENE)AMINO)HYDANTOIN SODIUM

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:7432 mg/kg	NIIRDN 6,444,82
*	ipr-rat LD50:413 mg/kg	NIIRDN 6,444,82
*	orl-mus LD50:8113 mg/kg	NIIRDN 6,444,52
*	ipr-mus LD50:534 mg/kg	NIIRDN 6,444,82

MU3930000 HYDANTOIN, 1-(4-(p-NITROPHENYL)-2-THIAZOLYL)-
UPDT:8406 MW: 304.30 MOLFM: C12-H8-N4-O4-S
SYN: 1-(4-(p-NITROPHENYL)-2-THIAZOLYL)HYDANTOIN

TOXICITY DATA AND REFERENCES:

3F17F18Y55	ipr-mus LD50:681 mg/kg	PHARAT 38,341,83

MU3950000 HYDANTOIN, 1-NITROSO-
UPDT:8401 CAS: 42579-28-2 MW: 129.09 MOLFM: C3-H3-N3-O3
SYN: NHYD * 1-NITROSOHYDANTOIN

MUTATION DATA AND REFERENCES:

	mmo-sat 12 umol/L/48H	MUREAV 48,131,77

TUMORIGENIC DATA AND REFERENCES:

3V02K60P62	orl-rat TDLo:5900 mg/kg/52W-I	JJIND8 62,1523,79

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:470 mg/kg	JJIND8 62,1523,79

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU3980000 HYDANTOIN, 1-(5-NITRO-2-THIAZOLYL)-
UPDT:8303 CAS: 7039-09-0 MW: 228.20 MOLFM: C6-H4-N4-O4-S
SYN: 4-KETONIRIDAZOLE * 1-(5-NITRO-2-THIAZOLYL)HYDANTOIN

MUTATION DATA AND REFERENCES:

	mma-sat 1 nmol/plate	ENMUDM 4,320,82
	mma-sat 1 nmol/plate	ENMUDM 4,320,82

MU4022000 HYDANTOIN, 1-(4-PHENYL-2-THIAZOLYL)-
UPDT:8406 MW: 259.30 MOLFM: C12-H9-N3-O2-S

SYN: 1-(4-PHENYL-2-THIAZOLYL)HYDANTOIN
TOXICITY DATA AND REFERENCES:
3F17F18F19 ipr-mus LD50:825 mg/kg PHARAT 38,341,83
HYDANTOIN SODIUM see: MU1400000

MU4212000 HYDANTOIN, 1-(4-(p-TOLYL)-2-THIAZOLYL)-
UPDT:8407 MW: 273.33 MOLFM: C13-H11-N3-O2-S
SYN: 1-(4-(p-TOLYL)-2-THIAZOLYL)HYDANTOIN
TOXICITY DATA AND REFERENCES:
2F17Y55 ipr-mus LD50:681 mg/kg PHARAT 38,341,83
2-(1-HYDANTOYL)-4-THIAZOLEACETIC ACID ETHYL ESTER see: XJ1920500
HYDELTRA see: TU4152000
HYDELTRASOL see: TU4153300
HYDELTRONE see: TU4152000
HYDENSE see: ZH5200000
HYDERGIN see: KE8800000
HYDERGINE see: KE8800000
HYDIFEN see: AH3293000

MU4229500 HYDNELLUM DIABOLUS Banker, alcoholic extract
UPDT:8402
TOXICITY DATA AND REFERENCES:
3H08K30P01 ipr-rat LD50:530 mg/kg JPMSAE 54,1016,65
HYDNOCARPATE SODIUM see: GY6440000 2-CYCLOPENTENE-1-UNDECANOIC ACID, SODIUM SALT, (+)-
HYDNOCARPIC ACID SODIUM SALT see: GY6440000 2-CYCLOPENTENE-1-UNDECANOIC ACID, SODIUM SALT,(+)-
HYDOL see: DK9625000
HYDOUT see: RN7875000
HYDOUT see: RN8225000
HYDOXIN see: UV1300000
HYDRACETIN see: AJ2900000
HYDRACILLIN see: XH9450000

MU4410000 HYDRACRYLIC ACID, 3-(p-BROMOPHENYL)-2-(p-CYCLOHEXYLPHENYL)-, METHYL ESTER, erythro-(-)-
UPDT:8402 MW: 417.38 MOLFM: C22-H25-Br-O3
SYN: erythro-(-)-3-(p-BROMOPHENYL)-2-(p-CYCLOHEXYLPHENYL)HYDRACRYLIC ACID METHYL ESTER
TOXICITY DATA AND REFERENCES:
3F17F24F26 ipr-mus LD50:250 mg/kg FRPSAX 38,686,83

MU4420000 HYDRACRYLIC ACID, 3-(p-BROMOPHENYL)-2-(p-CYCLOHEXYLPHENYL)-, METHYL ESTER, erythro-(+)-
UPDT:8402 MW: 417.38 MOLFM: C22-H25-Br-O3
SYN: erythro-(+)-3-(p-BROMOPHENYL)-2-(p-CYCLOHEXYLPHENYL)HYDRACRYLIC ACID METHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg FRPSAX 38,686,83
3F17F24F26 ipr-mus LD50:400 mg/kg FRPSAX 38,686,83

MU4425000 HYDRACRYLIC ACID, 3-(p-BROMOPHENYL)-2-(p-CYCLOHEXYLPHENYL)-, METHYL ESTER, threo-(-)-
UPDT:8402 MW: 417.38 MOLFM: C22-H25-Br-O3
SYN: threo-(-)-3-(p-BROMOPHENYL)-2-(p-CYCLOHEXYLPHENYL)HYDRACRYLIC ACID METHYL ESTER * ESTERE METILICO del ACIDO treo-(-)-2-(4-CICLOESILFENIL)-3-(4-BROMOFENIL)-3-IDROSSIPROPIONICO
TOXICITY DATA AND REFERENCES:
3F17F24F26 ipr-mus LD50:250 mg/kg FRPSAX 38,686,83

MU4426000 HYDRACRYLIC ACID, 3-(p-BROMOPHENYL)-2-(p-CYCLOHEXYLPHENYL)-, METHYL ESTER, threo-(+)-
UPDT:8402 MW: 417.38 MOLFM: C22-H25-Br-O3
SYN: threo-(+)-3-(p-BROMOPHENYL)-2-(p-CYCLOHEXYLPHENYL)HYDRACRYLIC ACID METHYL ESTER * ESTERE METILICO del ACIDO treo-(+)-2-(4-CICLOESILFENIL)-3-(4-BROMOFENIL)-3-IDROSSIPROPIONICO
TOXICITY DATA AND REFERENCES:
3F17F24F26 ipr-mus LD50:300 mg/kg FRPSAX 38,686,83

MU4427000 HYDRACRYLIC ACID, 3-(p-CHLOROPHENYL)-2-(p-CYCLOHEXYLPHENYL)-, METHYL ESTER, erythro-(-)-
UPDT:8402 MW: 372.92 MOLFM: C22-H25-Cl-O3
SYN: erythro-(-)-3-(p-CHLOROPHENYL)-2-(p-CYCLOHEXYLPHENYL)HYDRACRYLIC ACID METHYL ESTER
TOXICITY DATA AND REFERENCES:
3F17F24F26 ipr-mus LD50:350 mg/kg FRPSAX 38,686,83

MU4427500 HYDRACRYLIC ACID, 3-(p-CHLOROPHENYL)-2-(p-CYCLOHEXYLPHENYL)-, METHYL ESTER, erythro-(+)-
UPDT:8402 MW: 372.92 MOLFM: C22-H25-Cl-O3
SYN: erythro-(+)-3-(p-CHLOROPHENYL)-2-(p-CYCLOHEXYLPHENYL)HYDRACRYLIC ACID METHYL ESTER
TOXICITY DATA AND REFERENCES:
3F17F24F26 ipr-mus LD50:500 mg/kg FRPSAX 38,686,83

MU4428000 HYDRACRYLIC ACID, 3-(p-CHLOROPHENYL)-2-(p-CYCLOHEXYLPHENYL)-, METHYL ESTER, threo-(-)-
UPDT:8402 MW: 372.92 MOLFM: C22-H25-Cl-O3
SYN: threo-(-)-3-(p-CHLOROPHENYL)-2-(p-CYCLOHEXYLPHENYL)HYDRACRYLIC ACID METHYL ESTER
TOXICITY DATA AND REFERENCES:
3F17F24F26 ipr-mus LD50:250 mg/kg FRPSAX 38,686,83

MU4428500 HYDRACRYLIC ACID, 3-(p-CHLOROPHENYL)-2-(p-CYCLOHEXYLPHENYL)-, METHYL ESTER, threo-(+)-
UPDT:8402 MW: 372.92 MOLFM: C22-H25-Cl-O3
SYN: threo-(+)-3-(p-CHLOROPHENYL)-2-(p-CYCLOHEXYLPHENYL)HYDRACRYLIC ACID METHYL ESTER
TOXICITY DATA AND REFEPENCES:
3F17F24F26 ipr-mus LD50:250 mg/kg FRPSAX 38,686,83

MU4428600 HYDRACRYLIC ACID, 2-(p-CYCLOHEXYLPHENYL)-3-PHENYL-, METHYL ESTER, erythro-(-)-
UPDT:8402 MW: 338.48 MOLFM: C22-H26-O3
SYN: erythro-(-)-2-(p-CYCLOHEXYLPHENYL)-3-PHENYLHYDRACRYLIC ACID METHYL ESTER * ESTERE METILICO del ACIDO eritro-(-)-2-(4-CICLOESILFENIL)-3-FENIL-3-IDROSSIPROPIONICO
TOXICITY DATA AND REFERENCES:
3F17F24F26 ipr-mus LD50:500 mg/kg FRPSAX 38,686,83

MU4428700 HYDRACRYLIC ACID, 2-(p-CYCLOHEXYLPHENYL)-3-PHENYL-, METHYL ESTER, threo-(-)-
UPDT:8402 MW: 338.48 MOLFM: C22-H26-O3
SYN: threo-(-)-2-(p-CYCLOHEXYLPHENYL)-3-PHENYLHYDRACRYLIC ACID METHYL ESTER * ESTERE METILICO del ACIDO treo-(-)-2-(4-CICLOESILFENIL)-3-FENIL-3-IDROSSIPROPIONICO
TOXICITY DATA AND REFERENCES:
3F17F24F26 ipr-mus LD50:250 mg/kg FRPSAX 38,686,83

MU4428750 HYDRACRYLIC ACID, 2-(p-CYCLOHEXYLPHENYL)-3-PHENYL-, METHYL ESTER, threo-(+)-
UPDT:8402 MW: 338.48 MOLFM: C22-H26-O3
SYN: threo-(+)-2-(p-CYCLOHEXYLPHENYL)-3-PHENYLHYDRACRYLIC ACID METHYL ESTER * ESTERE METILICO del ACIDO treo-(+)-2-(4-CICLOESILFENIL)-3-FENIL-3-IDROSSIPROPIONICO
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg FRPSAX 38,686,83
3F17F24F26 ipr-mus LD50:250 mg/kg FRPSAX 38,686,83

MU4428800 HYDRACRYLIC ACID, 2-(p-CYCLOHEXYLPHENYL)-3-(p-TOLYL)-, METHYL ESTER, erythro-(-)-
UPDT:8402 MW: 352.51 MOLFM: C23-H28-O3
SYN: erythro-(-)-2-(p-CYCLOHEXYLPHENYL)-3-(p-TOLYL)HYDRACRYLIC ACID METHYL ESTER * ESTERE METILICO del ACIDO eritro-(-)-2-(4-CICLOESILFENIL)-3-(4-TOLIL)-3-IDROSSIPROPIONICO
TOXICITY DATA AND REFERENCES:
3F17F24F26 ipr-mus LD50:500 mg/kg FRPSAX 38,686,83

MU4428850 HYDRACRYLIC ACID, 2-(p-CYCLOHEXYLPHENYL)-3-(p-TOLYL)-, METHYL ESTER, erythro-(+)-
UPDT:8402 MW: 352.51 MOLFM: C23-H28-O3
SYN: erythro-(+)-2-(p-CYCLOHEXYLPHENYL)-3-(p-TOLYL)HYDRACRYLIC ACID METHYL ESTER * ESTERE METILICO del ACIDO eritro-(+)-2-(4-CICLOESILFENIL)-3-(4-TOLIL)-3-IDROSSIPROPIONICO
TOXICITY DATA AND REFERENCES:
3F17F24F26 ipr-mus LD50:350 mg/kg FRPSAX 38,686,83

MU4428900 HYDRACRYLIC ACID, 2-(p-CYCLOHEXYLPHENYL)-3-(p-TOLYL)-, METHYL ESTER, threo-(-)-
UPDT:8402 MW: 352.51 MOLFM: C23-H28-O3
SYN: threo-(-)-2-(p-CYCLOHEXYLPHENYL)-3-(p-TOLYL)HYDRACRYLIC ACID METHYL ESTER * ESTERE METILICO del ACIDO treo-(-)-2-(4-CICLOESILFENIL)-3-(4 TOLIL)-3-IDROSSIPROPIONICO
TOXICITY DATA AND REFERENCES:
3F17F24F26 ipr-mus LD50:200 mg/kg FRPSAX 38,686,83

MU4428950 HYDRACRYLIC ACID, 2-(p-CYCLOHEXYLPHENYL)-3-(p-TOLYL)-, METHYL ESTER, threo-(+)-
UPDT:8403 MW: 352.51 MOLFM: C23-H28-O3
SYN: threo-(+)-2-(p-CYCLOHEXYLPHENYL)-3-(p-TOLYL)HYDRACRYLIC ACID METHYL ESTER * ESTERE METILICO del ACIDO treo-(+)-2-(4-CICLOESILFENIL)-3-(4-TOLIL)-3-IDROSSIPROPIONICO
TOXICITY DATA AND REFERENCES:
3F17F24F26 ipr-mus LD50:300 mg/kg FRPSAX 38,686,83
HYDRACRYLIC ACID beta-LACTONE see: RQ7350000

MU5080000 HYDRACRYLIC ACID, 3-(2,3,4-TRIMETHOXYBENZOYL)-
UPDT:8412 MW: 284.29 MOLFM: C13-H16-O7
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 mg/kg GWXXBX #3214081

MU5250000 HYDRACRYLONITRILE
UPDT:8412 CAS: 109-78-4 MW: 71.09 MOLFM: C3-H5-N-O
SYN: 2-CYANOETHANOL * 2-CYANOETHYL ALCOHOL * ETHYLENE CYANOHYDRIN * GLYCOL CYANOHYDRIN * beta-HPN * 3-HYDROXYPROPANENITRILE * beta-HYDROXYPROPIONITRILE * 3-HYDROXYPROPIONITRILE * METHANOLACETONITRILE * PROPANENITRILE, 3-HYDROXY- * PROPIONITRILE, 3-HYDROXY- * USAF RH-7
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 26,269,44
skn-rbt 520 mg open MLD UCDS** 8/18/67
eye-rbt 500 mg AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
orl-rat LD50:10 gm/kg JTEHD6 2,31,76
* orl-mus LD50:1800 mg/kg AMIHBC 8,371,53
* ihl-mus LC33:300 mg/m3/2H 85GMAT -,66,82
ipr-mus LD50:500 mg/kg NTIS** AD277-689
* orl-rbt LDLo:900 mg/kg AMIHBC 8,371,53
skn-rbt LD50:5000 mg/kg UCDS** 8/18/67
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
HYDRAL see: FM8750000
HYDRAL 705 see: BD0940000
HYDRAL 710 see: BD0940000
HYDRALAZIN see: TH8925000
HYDRALAZINE see: TH8925000
HYDRALAZINE CHLORIDE see: TH9000000
HYDRALAZINE HCl see: TH9000000
HYDRALAZINE HYDROCHLORIDE see: TH9000000
HYDRALAZINE MONOHYDROCHLORIDE see: TH9000000
HYDRALIN see: GV7875000
HYDRALLAZINE see: TH8925000
HYDRALLAZINE HYDROCHLORIDE see: TH9000000
HYDRAM see: CM2625000
HYDRAMON see: BO7525000
HYDRAMYCIN see: QI8925000

MU5778400 HYDRANGEA ALTISSIMA Wall., extract excluding roots
DEF:Indian plant belonging to the family SAXIFAGACEAE (IJEBA6 15,208,77)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:375 mg/kg IJEBA6 15,208,77

MU5778500 HYDRANGEA MACROPHYLLA Ser., flower or leaf extract
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:30 gm/kg JTEHD6 1,939,76
HYDRAPHEN see: OW6300000
HYDRAPRESS see: TH9000000
HYDRARGAPHEN see: OW6300000
HYDRARGYRUM BIJODATUM (German) see: OW5250000
HYDRATED ALUMINA see: BD0950000
HYDRATED ALUMINA see: BD0940000
HYDRATE DE CHLORAL see: FM8750000
HYDRATED LIME see: EW2800000
HYDRATED MAGNESIUM SULFATE see: OM4510000
HYDRATROPA ALDEHYDE see: CY1460000
HYDRATROPALDEHYDE see: CY1460000

MU6480000 HYDRATROPALDEHYDE, DIMETHYL ACETAL
UPDT:8305 CAS: 90-87-9 MW: 180.27 MOLFM: C11-H16-O2
SYN: 1,1-DIMETHOXY-2-PHENYLPROPANE * HYDROTROPALDEHYDE DIMETHYL ACETAL * HYDROTROPIC ALDEHYDE DIMETHYL ACETAL * 2-PHENYLPROPIONALDEHYDE DIMETHYL ACETAL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,819,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1850 mg/kg FCTXAV 17,819,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MU6490000 HYDRATROPAMIDE, alpha-METHYL-
UPDT:8406 CAS: 826-54-0 MW: 163.24 MOLFM: C10-H13-N-O
SYN: L-16332 * alpha-METHYLHYDRATROPAMIDE * 2-METHYL-2-PHENYLPROPIONAMIDE
TOXICITY DATA AND REFERENCES:
2F02F07 orl-rat LD50:1650 mg/kg AIPTAK 121,443,59
HYDRATROPIC ACETATE see: SG8600000

MU6616000 HYDRATROPIC ACID, 3-CHLORO-4-(2-PYRIDINYLAMINO)-
UPDT:8305 CAS: 83528-38-5 MW: 276.74 MOLFM: C14-H13-Cl-N2-O2
SYN: BENZENEACETIC ACID, 3-CHLORO-alpha-METHYL-4-(2-PYRIDINYLAMINO)- * 3-CHLORO-4-(2-PYRIDINYLAMINO)HYDRATROPIC ACID
TOXICITY DATA AND REFERENCES:
2F29Y55 orl-mus LD50:729 mg/kg JMCMAR 26,222,83

MU6640000 HYDRATROPIC ACID, p-ISOBUTYL-
UPDT:8412 CAS: 15687-27-1 MW: 206.31 MOLFM: C13-H18-O2
SYN: ACIDE (ISOBUTYL-4 PHENYL)-2 PROPIONIQUE (French) * ADRAN * ANFLAGEN * ARTRIL 300 * BENZENEACETIC ACID, alpha-METHYL-4-(2-METHYLPROPYL)- * BLUTON * BRUFANIC * BRUFEN * BUBURONE * BUTYLENIN * DOLGIN * EMODIN * EPOBRON * IBUFEN * IBUPROCIN * IBUPROFEN * IP-82 * p-ISOBUTYLHYDRATROPIC ACID * 4-ISOBUTYLHYDRATROPIC ACID * 2-(4-ISOBUTYLPHENYL)PROPANOIC ACID * alpha-p-ISOBUTYLPHENYLPROPIONIC ACID * alpha-(4-ISOBUTYLPHENYL)PROPIONIC ACID * 2-(p-ISOBUTYLPHENYL)PROPIONIC ACID * LAMIDON * LIPTAN * MOTRIN * MYNOSEDIN * NAPACETIN * NOBFELON * NOBFEN * NOBGEN * R D 13621 * REBUGEN * ROIDENIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 orl-wmn TDLo:8 mg/kg (1D pre) JRPMAP 28,592,83

1T24	iut-rat TDLo:2 mg/kg (4D preg)	CCPTAY 24,283,81
2T16T72	rec-rat TDLo:270 mg/kg (17-21D preg)	OYYAA2 24,539,82
1T76	rec-rat TDLo:891 mg/kg (17-21D preg/21D post)	OYYAA2 24,539,82
1T75	rec-rat TDLo:1 gm/kg (17-21D preg/4D post)	OYYAA2 24,539,82
1T34	rec-rat TDLo:810 mg/kg (60D male/2W pre-7D preg)	OYYAA2 24,467,82
2T24T26	rec-rat TDLo:8100 mg/kg (60D male/2W pre-7D preg)	OYYAA2 24,467,82

TOXICITY DATA AND REFERENCES:

2F01H02	orl-man LDLo:171 mg/kg	BMJOAE 281,1458,81
3Q15R03U25	orl-wmn TDLo:240 mg/kg/10D	BMJOAE 1,619,78
3F07L12P05	orl-wmn TDLo:3980 mg/kg/32W	BMJOAE 1,79,78
*	orl-rat LD50:636 mg/kg	ARZNAD 34,280,84
3F29Y55U26	ipr-rat LD50:626 mg/kg	ARZNAD 27,1006,77
*	scu-rat LD50:740 mg/kg	OYYAA2 24,415,82
3F05F17K12	rec-rat LD50:530 mg/kg	OYYAA2 24,415,82
1F29	orl-mus LD50:740 mg/kg	PCJOAU 14,119,80
	ipr-mus LD50:336 mg/kg	JMCMAR 20,709,77
*	scu-mus LD50:395 mg/kg	OYYAA2 24,415,82
3F05F17K12	rec-mus LD50:620 mg/kg	OYYAA2 24,415,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU6641000 HYDRATROPIC ACID, p-ISOBUTYL-, SODIUM SALT

UPDT:8403 CAS: 31121-93-4 MW: 229.30 MOLFM: C13-H18-O2 .Na

SYN: BENZENEACETIC ACID, alpha-METHYL-4-(2-METHYLPROPYL)-, SODIUM SALT (9CI) * IBUPROFEN SODIUM * p-ISOBUTYLHYDRATROPIC ACID SODIUM SALT * SODIUM IBUPROFEN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	orl-rbt TDLo:1 gm/kg (1D pre)	FESTAS 38,238,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU6642500 HYDRATROPIC ACID, p-(2-PYRIDINYLAMINO)-

UPDT:8305 CAS: 76302-29-9 MW: 242.30 MOLFM: C14-H14-N2-O2

SYN: BENZENEACETIC ACID, alpha-METHYL-4-(2-PYRIDINYLAMINO)- * p-(2-PYRIDINYLAMINO)HYDRATROPIC ACID

TOXICITY DATA AND REFERENCES:

2F29Y55	orl-mus LD50:1907 mg/kg	JMCMAR 26,222,83

MU6645000 HYDRATROPIC ACID, p-(1-OXO-2-ISOINDOLINYL)-

UPDT:8408 CAS: 31842-01-0 MW: 281.33 MOLFM: C17-H15-N-O3

SYN: BENZENEACETIC ACID, 4-(1,3-DIHYDRO-1-OXO-2H-ISOINDOL-2-YL)-alpha-METHYL- * 2-(4-(1-CARBOXYETHYL)PHENYL)-1-ISOINDOLINONE * 4-(1,3-DIHYDRO-1-OXO-2H-ISOINDOL-2-YL)-alpha-METHYLBENZENEACETIC ACID * FLOSIN * FLOSINT * INDOPROFEN * ISINDONE * K 4277 * p-(1-OXO-2-ISOINDOLINYL)-HYDRATROPIC ACID * alpha-(4-(1-OXO-2-ISO-INDOLINYL)-PHENYL)-PROPIONIC ACID * 1-OXO-2-(p-((alpha-METHYL)CARBOXYMETHYL)PHENYL)ISOINDOLINE * PROPIONIC ACID, 2-(p-(1-OXO-2-ISOINDOLINYL)PHENYL)- * REUMOFENE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:84 mg/kg	ARZNAD 23,1100,73
*	orl-mus LD50:700 mg/kg	ARZNAD 23,1100,73
3F05F11F19	ipr-mus LD50:375 mg/kg	FRPSAX 36,1037,81

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU6645200 HYDRATROPIC ACID, 3-(3-OXOMORPHOLINO)-2,4,6-TRIIODO-, SODIUM SALT

UPDT:8403 CAS: 21762-13-0 MW: 648.94 MOLFM: C13-H11-I3-N-O4 .Na

SYN: 3-(3-OXOMORPHOLINO)-2,4,6-TRIIODOHYDRATROPIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:3050 mg/kg	PHARAT 30,78,75
*	ivn-mus LD50:630 mg/kg	PHARAT 30,78,75

MU6645500 HYDRATROPIC ACID, 3-(2-OXOPIPERIDINO)-2,4,6-TRIIODO-, SODIUM SALT

UPDT:8403 CAS: 21762-28-7 MW: 646.97 MOLFM: C14-H13-I3-N-O3 .Na

SYN: 3-(2-OXOPIPERIDINO)-2,4,6-TRIIODOHYDRATROPIC ACID SODIUM SALT * 2-(3-(2-OXOPIPERIDINO)-2,4,6-TRIIODOPHENYL)PROPIONIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:2300 mg/kg	PHARAT 30,78,75
*	ivn-mus LD50:670 mg/kg	PHARAT 30,78,75

MU6645700 HYDRATROPIC ACID, 3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODO-, SODIUM SALT

UPDT:8404 CAS: 21762-08-3 MW: 632.94 MOLFM: C13-H11-I3-N-O3 .Na

SYN: 3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODOHYDRATROPIC ACID SODIUM SALT * 2-(3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODOPHENYL)PROPIONIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:2400 mg/kg	PHARAT 30,78,75
*	ivn-mus LD50:670 mg/kg	PHARAT 30,78,75

MU6647000 HYDRATROPIC ACID, p-(2-THENOYL)-

UPDT:8408 CAS: 40828-46-4 MW: 260.32 MOLFM: C14-H12-O3-S

SYN: BENZENEACETIC ACID, alpha-METHYL-4-(2-THIENYLCARBONYL)- * MALDOCIL * alpha-METHYL-4-(2-THIENYLCARBONYL)BENZENEACETIC ACID * R 25061 * SUPROFEN * SUTOPROFEN * p-(2-THENOYL)HYDRATROPIC ACID * (+-)-2-(p-(2-THENOYL)PHENYL)PROPIONIC ACID

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T12T13	orl-rat TDLo:2880 mg/kg (60D pre)	OYYAA2 25,501,83
1T46	orl-rat TDLo:2016 mg/kg (9W male/2W pre-7D preg)	OYYAA2 26,441,83
3T24T26T29	orl-rat TDLo:132 mg/kg (7-17D preg)	OYYAA2 26,449,83
1T46	orl-rbt TDLo:2600 mg/kg (6-18D preg)	OYYAA2 26,537,83

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:353 mg/kg	DRFUD4 1,148,76
	orl-mus LD50:590 mg/kg	DRFUD4 1,148,76
	orl-gpg LD50:280 mg/kg	DRFUD4 1,148,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDRATROPIC ALCOHOL see: SG8590000
HYDRATROPIC ALDEHYDE see: CY1460000
HYDRATROPYL ACETATE see: SG8600000
HYDRATROPYL ALCOHOL see: SG8590000
HYDRAZID see: NS1750000
HYDRAZIDE see: NS1750000

MU7175000 HYDRAZINE

UPDT:8408 CAS: 302-01-2 MW: 32.06 MOLFM: H4-N2

SYN: ANHYDROUS HYDRAZINE (DOT) * DIAMIDE * DIAMINE * HYDRAZINE, ANHYDROUS (DOT) * HYDRAZINE, aqueous solution (DOT) * HYDRAZINE BASE * HYDRAZYNA (Polish) * RCRA WASTE NUMBER U133 * UN 2029 (DOT) * UN 2030 (DOT)

MUTATION DATA AND REFERENCES:

	mma-sat 12 gm/L	MUREAV 40,73,76
	dnd-esc 10 umol/L	MUREAV 89,95,81
	oms-bcs 10 mmol/L	MUREAV 5,343,68
	mmo-hmi 2 mmol/L	MUREAV 30,9,75
	slt-dmg-orl 20 mmol/L	IJEBA6 17,61,79
	sln-dmg-orl 10 mmol/L	MUREAV 16,363,72
	mmo-smc 200 mmol/L	MUREAV 93,339,82
	otr-hmn:lvr 80 ug/L	BJCAAI 37,873,78
	otr-hmn:oth 35 mg/L	ITCSAF 17,719,81
	dni-hmn:hla 50 umol/L	CNREA8 44,59,84
	dnd-rat:lvr 3 mmol/L	MUREAV 113,357,83
	dns-rat-orl 60 mg/kg	CRNGDP 4,953,83
	dns-rat:lng 250 ug/L	NTIS** AD-A075-605
	dni-rat-orl 60 mg/kg	CRNGDP 4,953,83
	dni-mus-orl 200 mg/kg	MUREAV 46,305,77
	msc-mus:lym 1 mmol/L	MUREAV 89,321,81
	hma-mus/sat 3100 ug/kg	MUREAV 16,189,72
	otr-ham:kdy 80 ug/L	BJCAAI 37,873,78
	dnd-ham-orl 15 mg/kg	PAACA3 24,59,83
	dns-ham:ovr 250 ug/L	NTIS** AD-A075-605
	dns-ham:lng 250 ug/L	NTIS** AD-A075-605
	sce-ham:ovr 1 mmol/L	MUREAV 68,351,79
	sce-ham:lng 1 mmol/L	HUGEDQ 54,155,80
	dnd-mam:lym 95 pph	BBACAQ 174,591,69

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	ihl-rat TCLo:4 mg/m3/2H (7-20D preg)	GISAAA 39(10),23,74
2T34T35	ihl-rat TCLo:1 mg/m3/24H (1-11D preg)	GISAAA 39(10),23,74
1T25	skn-rat TDLo:50 mg/kg (9D preg)	NTIS** AD-A119-706
1T25	ipr-rat TDLo:100 mg/kg (6-15D preg)	APTOD9 19,A21,80
1T34	ipr-rat TDLo:50 mg/kg (6-15D preg)	APTOD9 19,A21,80
3T41T46T53	ipr-rat TDLo:30 mg/kg (7-9D preg)	NTIS** AD-A119-706
2T25T34	ipr-rat TDLo:30 mg/kg (7-9D preg)	NTIS** AD-A119-706
3T34T35T75	scu-rat TDLo:80 mg/kg (11-20D preg)	AEHLAU 21,615,70
2T34T46	ipr-mus TDLo:48 mg/kg (6-9D preg)	NTIS** AD-A084-023
2T41T53	ipr-mus TDLo:80 mg/kg (6-9D preg)	NTIS** AD-A084-023

TUMORIGENIC DATA AND REFERENCES:

2V03D09	ihl-rat TCLo:1 ppm/6H/1Y-I	PAACA3 21,74,80
3V02J60P62	orl-mus TDLo:1951 mg/kg/2Y-C	IJCNAW 9,109,72
2V03D09	ihl-mus TCLo:1 ppm/6H/1Y-I	PAACA3 21,74,80
3V01P60P61	ipr-mus TDLo:400 mg/kg/5W-I	UICMAI 7,180,67
2V03D09	ihl-ham TCLo:5 ppm/6H/1Y-I	PAACA3 21,74,80
2V03D09	ihl-rat TC :5 ppm/6H/1Y-I	PAACA3 21,74,80

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:60 mg/kg	MEPAAX 24,71,73
	ihl-rat LC50:570 ppm/4H	AMIHAB 12,609,55
*	ipr-rat LD50:59 mg/kg	MEPAAX 24,71,73
*	ivn-rat LD50:55 mg/kg	MEPAAX 24,71,73
*	orl-mus LD50:59 mg/kg	MEPAAX 24,71,73
	ihl-mus LC50:252 ppm/4H	AMIHAB 12,609,55
*	ipr-mus LD50:62 mg/kg	MEPAAX 24,71,73
*	ivn-mus LD50:57 mg/kg	MEPAAX 24,71,73
	unk-mus LD50:200 mg/kg	BJCAAI 6,160,52
	skn-dog LDLo:90 mg/kg	TXAPA9 21,186,72
*	ivn-dog LD50:25 mg/kg	MEPAAX 24,71,73
*	skn-rbt LD50:91 mg/kg	AMIHBC 9,199,54
*	ivn-rbt LD50:20 mg/kg	AMIHBC 9,199,54

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AMIHBC 9,199,54; ATXKA8 28,135,71	
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 4,127,74
★ TLV-TWA 100 ppb (skin)	DTLVS* 4,219,80
★ TLV-SUSPECTED CARCINOGEN	DTLVS* 4,219,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 1 ppm (skin) (SCP-O)	FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON	CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE	CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO HYDRAZINES recm std-air:CL 0.04 mg/m3/2H	NTIS**

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 248
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 3503
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU7300000 HYDRAZINE, 1-((o-ACETAMIDOPHENYL)OXALYL)-2-((DIMETHYLAMINO)ACETYL)-

UPDT:8309 MW: 306.36 MOLFM: C14-H18-N4-O4

SYN: 1-((o-ACETAMIDOPHENYL)OXALYL)-2-((DIMETHYLAMINO)ACETYL)HYDRAZINE * N-(2-ACETILAMINOFENIL)GLIOSSALIL-N'-DIMETILAMINOACETILIDRAZINA (Italian)

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:2267 mg/kg	FRPSAX 38,45,83
*	ipr-mus LD50:561 mg/kg	FRPSAX 38,45,83

HYDRAZINE, ACETYL- see: AI1225000

MU7395000 HYDRAZINE, 1-ACETYL-2-(4-HYDROXYMETHYLPHENYL)-

UPDT:8401 CAS: 65734-38-5 MW: 180.23 MOLFM: C9-H12-N2-O2

SYN: N-ACETYL-N'-(p-HYDROXYMETHYL)PHENYLHYDRAZINE * N'-ACETYL-4-(HYDROXYMETHYL)PHENYLHYDRAZINE

TUMORIGENIC DATA AND REFERENCES:

3V02H60J60	orl-mus TDLo:74 gm/kg/85W-C	CNREA8 38,177,78
2V03V10	scu-mus TDLo:13 gm/kg/26W-I	JTEHD6 8,1,81

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU7400000 HYDRAZINE, 1-ACETYL-2-ISONICOTINOYL-

UPDT:8401 CAS: 1078-38-2 MW: 179.20 MOLFM: C8-H9-N3-O2

SYN: ACETYL ISONIAZID * N-ACETYLISONIAZID * 1-ACETYL-2-ISONICOTINOYLHYDRAZINE * N-ACETYLISONICOTINYLHYDRAZIDE * 4-PYRIDINECARBOXYLIC ACID, 2-ACETYLHYDRAZIDE

MUTATION DATA AND REFERENCES:

	dni-mus-ipr 1 gm/kg	IJEBA6 19,939,81

TUMORIGENIC DATA AND REFERENCES:

2V02J60	orl-mus TDLo:380 gm/kg/68W-C	EJCAAH 9,285,73

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU7700000 HYDRAZINE, 1-ACETYL-2-PICOLINOYL-

UPDT:8401 CAS: 17433-31-7 MW: 181.22 MOLFM: C8-H11-N3-O2

SYN: 1-ACETYL-2-PICOLINOLHYDRAZINE * 1-ACETYL-2-PICOLINOYLHYDRAZINE * NCI-C04739 * NSC-68626 * P-2292

TUMORIGENIC DATA AND REFERENCES:

2V02K60	ipr-rat TDLo:9750 mg/kg/26W-I	RRCRBU 52,1,75
3V02J60T63	ipr-mus TDLo:9750 mg/kg/26W-I	RRCRBU 52,1,75

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:673 mg/kg	NCICP* -,169,65
	ivn-rat LD50:470 mg/kg	NCICP* -,169,65
	orl-mus LD50:410 mg/kg	NCICP* -,169,65
	ivn-mus LD50:255 mg/kg	NCICP* -,169,65

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU7880000 HYDRAZINE, ALLYL-, MONOHYDROCHLORIDE
UPDT:8401 CAS: 52207-83-7 MW: 108.59 MOLFM: C3-H8-N2 Cl-H
SYN: ALLYLHYDRAZINE HYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
3V01H60J60 orl-mus TDLo:9800 mg/kg/35W-C BJCAAI 34,90,76
3V03H60J60 orl-mus TD :25 mg/kg/W-C PAACA3 16,61,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
HYDRAZINE, ANHYDROUS (DOT) see: MU7175000
HYDRAZINE AZIDE see: MU7903000
HYDRAZINE AZIDE (DOT) see: MU7903000

MU7903000 HYDRAZINE, AZIDO-
UPDT:8308 CAS: 14546-44-2 MW: 73.08 MOLFM: H3-N5
SYN: HYDRAZINE AZIDE * HYDRAZINE AZIDE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
HYDRAZINE BASE see: MU7175000

MU7950000 HYDRAZINE, 1-((o-BENZAMIDOPHENYL)OXALYL)-2-((DIMETHYLAMINO)ACETYL)-, HYDROCHLORIDE
UPDT:8309 MW: 404.89 MOLFM: C19-H20-N4-O4 .Cl-H
SYN: 1-((o-BENZAMIDOPHENYL)OXALYL)-2-((DIMETHYLAMINO)ACETYL)HYDRAZINE HYDROCHLORIDE * N-(2-BENZOILAMINOFENIL)GLIOSSALIL-N'-DIMETILAMINOACETILIDRAZINA CLORIDRATO (Italian)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:668 mg/kg FRPSAX 38,45,83
* ipr-mus LD50:656 mg/kg FRPSAX 38,45,83

MU7960000 HYDRAZINE, 2-((o-BENZAMIDOPHENYL)OXALYL)-1-(MORPHOLINOACETYL)-
UPDT:8309 MW: 410.47 MOLFM: C21-H22-N4-O5
SYN: 2-((o-BENZAMIDOPHENYL)OXALYL)-1-(MORPHOLINOACETYL)HYDRAZINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1810 mg/kg FRPSAX 38,45,83
HYDRAZINE-BENZENE see: MV8925000
HYDRAZINE, BENZOYL- see: DH1575000

MU8400000 HYDRAZINE, 1-BENZOYL-2-(alpha-METHYLBENZYL)-
UPDT:8403 CAS: 7654-03-7 MW: 240.33 MOLFM: C15-H16-N2-O
SYN: BENMOXINE * BENZOIC ACID 2-(1-PHENYLETHYL)HYDRAZIDE * 1-(BENZOYL)-2-(alpha-METHYLBENZYL)HYDRAZINE * 75-20 C * (alpha-METHYLBENZYL)-1-BENZOYL-2-HYDRAZINE * NERUSIL * NEURALEX
TOXICITY DATA AND REFERENCES:
orl-rat LD50:675 mg/kg 27ZQAG -,376,72
ipr-rat LD50:475 mg/kg 27ZQAG -,376,72
orl-mus LD50:250 mg/kg 27ZQAG -,376,72
ipr-mus LD50:130 mg/kg PPRPAS 21,621,66
orl-gpg LD50:460 mg/kg 27ZQAG -,376,72
ipr-gpg LD50:325 mg/kg 27ZQAG -,376,72

MU8540000 HYDRAZINE, BENZYL-, DIHYDROCHLORIDE
UPDT:8401 CAS: 20570-96-1 MW: 195.11 MOLFM: C7-H10-N2 .2Cl-H
SYN: BENZYLHYDRAZINE DIHYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
3V02J60P62 orl-mus TDLo:10 gm/kg/29W-C ZKKOBW 87,267,76
TOXICITY DATA AND REFERENCES:
2F17F25 ipr-mus LD50:11 mg/kg JMCMAR 18,20,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU8925000 HYDRAZINE, 2-BENZYL-1-METHYL-
UPDT:8406 CAS: 10309-79-2 MW: 136.22 MOLFM: C8-H12-N2
SYN: 1-BENZYL-2-METHYLHYDRAZINE * HYDRAZINE, 1-METHYL-2-(PHENYLMETHYL)- * 1-METHYL-2-BENZYL-HYDRAZINE
MUTATION DATA AND REFERENCES:
cyt-mus/ast 320 ug/kg CNREA8 32,1133,72
cyt-mus/leu 6400 ug/kg CNREA8 32,1133,72
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 scu-rat TDLo:20 mg/kg (10D preg) IARCCD 4,45,73
1T46 scu-rat TDLo:15 mg/kg (15D preg) IARCCD 4,45,73
TUMORIGENIC DATA AND REFERENCES:
3V03A60C60 orl-rat TDLo:520 mg/kg/27W-I 23HZAR -,267,70
3V03A60C60 scu-rat TDLo:520 mg/kg/27W-I 23HZAR -,267,70
3V01T65A60 scu-rat TDLo:15 mg/kg (15D preg) IARCCD 4,45,73
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:270 mg/kg IARCCD 4,45,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MJREAV 39,111,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MU9810000 HYDRAZINE, 1-BENZYL-2-PHENYL-, HYDROCHLORIDE
UPDT:8402 MW: 234.75 MOLFM: C13-H14-N2 Cl-H
SYN: 1-BENZYL-2-PHENYLHYDRAZINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3J22J24J30 scu-mus LDLo:250 mg/kg JIHTAB 18,1,36

MV0590000 HYDRAZINE, 1,1-BIS(2-CHLOROETHYL)-2,2-DIMETHYL-, HYDROCHLORIDE
UPDT:8303 MW: 221.58 MOLFM: C6-H14-Cl2-N2 Cl-H
SYN: 1,1-BIS(2-CHLOROETHYL)-2,2-DIMETHYLHYDRAZINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1V30 ipr-rat LD50:175 mg/kg CPBTAL 10,979,62

MV0640000 HYDRAZINE, 1,2-BIS(DICHLOROACETYL)-
UPDT:8412 CAS: 16054-41-4 MW: 253.90 MOLFM: C4-H4-Cl4-N2-O2
SYN: BIS(DICHLOROACETYL)DIAMINE * 1,2-BIS(DICHLOROACETYL)HYDRAZINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T54 orl-rat TDLo:1 gm/kg (9D preg) TJADAB 30(1),15A,84
1T47 orl-rat TDLo:1 gm/kg (9D preg) SEIJBO 23,267,83
1T48 orl-rat TDLo:2 gm/kg (9-10D preg) TJADAB 28,7A,83
3T31T34T45 orl-rat TDLo:1 gm/kg (9D preg) SEIJBO 23,267,83
1T25 orl-rat TDLo:1 gm/kg (11D preg) SEIJBO 23,267,83
1T54 orl-mus TDLo:200 mg/kg (12D preg) TJADAB 29(2),51A,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
HYDRAZINE, 1,1-BIS(2-HYDROXYETHYL)- see: KL2850000

MV0850000 HYDRAZINE, BUTYL-, HYDROCHLORIDE
UPDT:8401 CAS: 56795-65-4 MW: 124.64 MOLFM: C4-H12-N2 Cl-H
SYN: n-BUTYLHYDRAZINE HYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
2V02J60 orl-mus TDLo:14 gm/kg/81W-C EJCAAH 11,473,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MV0900000 HYDRAZINE, BUTYLMETHYL-
UPDT:8401 CAS: 20240-62-4 MW: 102.21 MOLFM: C5-H14-N2
SYN: METHYLBUTYL HYDRAZINE
TUMORIGENIC DATA AND REFERENCES:
3V03D09K60 orl-rat TDLo:1425 mg/kg/57W-I 27NZAH 2,73,72
3V03D09K60 scu-rat TDLo:1500 mg/kg/60W-I 27NZAH 2,73,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MV0905000 HYDRAZINE, 1-BUTYL-2-METHYL-, DIHYDROCHLORIDE
UPDT:8401 MW: 175.13 MOLFM: C5-H14-N2 .2Cl-H
SYN: 1-BUTYL-2-METHYL-HYDRAZINE DIHYDROCHLORIDE * 1-METHYL-2-BUTYL-HYDRAZINE DIHYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
3V03D09K60 orl-rat TDLo:1425 mg/kg/57W-T 23HZAR -,267,70
3V03D09K60 scu-rat TDLo:1275 mg/kg/51W-I 23HZAR -,267,70
TOXICITY DATA AND REFERENCES:
unk-rat LD50:600 mg/kg 23HZAR -,267,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MV0907000 HYDRAZINE, 1-BUTYL-2-PHENYL-, HYDROCHLORIDE
UPDT:8402 MW: 200.74 MOLFM: C10-H16-N2 Cl-H
SYN: 1-BUTYL-2-PHENYLHYDRAZINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3J22J24J30 scu-mus LDLo:250 mg/kg JIHTAB 18,1,36
HYDRAZINE, CARBAMOYL- see: VT2975000
HYDRAZINE, 1-CARBAMOYL-2-PHENYL- see: FD0575000
HYDRAZINECARBOTHIOAMIDE see: VT4200000
HYDRAZINECARBOTHIOAMIDE, 2-(4-((AMINOIMINOMETHYL)HYDRAZONO)-2,5-CYCLOHEXADIEN-1-YLIDENE)- see: MF5550000
HYDRAZINECARBOTHIOAMIDE, 2,2'-(1-(1-ETHOXYETHYL)-1,2-ETHANEDIYLIDENE)BIS see: ES2450000
HYDRAZINECARBOXALDEHYDE (9CI) see: LQ8615000
HYDRAZINE CARBOXALDEHYDE, ETHYLIDENEMETHYL- see: LQ8500000
HYDRAZINECARBOXALDEHYDE, 2-(4-(5-NITRO-2-FURANYL)-2-THIAZOLYL)- see: LQ9275000
HYDRAZINECARBOXAMIDE see: VT2975000
HYDRAZINECARBOXAMIDE, 2-((4,7-DIHYDRO-5(or 6)-METHYL-2-PHENYL-2H-ISOINDOL-1-YL)METHYLENE)- see: VT3277350
HYDRAZINECARBOXAMIDE, 1-(2-HYDROXYETHYL)-2-((5-NITRO-2-FURANYL)METHYLENE)- see: LT7400000
HYDRAZINECARBOXAMIDE MONOHYDROCHLORIDE see: VT3500000
HYDRAZINECARBOXAMIDE, 2-((5-NITRO-2-FURANYL)METHYLENE)- see: LT7700000
HYDRAZINECARBOXAMIDE, 2-PHENYL- see: FD0575000
HYDRAZINECARBOXIMIDAMIDE see: ME8225000

MV1674000 HYDRAZINECARBOXIMIDAMIDE, 2,2'-(CARBONIMIDOYLBIS(IMINO-4,1-PHENYLENEETHYLIDYNE))BIS-, HYDROCHLORIDE
UPDT:8307 CAS: 62580-95-4 MW: 662.77 MOLFM: C19-H25-N11 .xCl-H
SYN: 1,3-BIS(p-(1-(GUANIDINOIMINO)ETHYL)PHENYL)GUANIDINE HYDROCHLORIDE * 2,2'-(CARBONIMIDOYLBIS(IMINO-4,1-PHENYLENEETHYLIDYNE))BISHYDRAZINECARBOXIMIDAMIDE HCl * GUANIDINE, 1,3-BIS(p-(1-(GUANIDINOIMINO)ETHYL)PHENYL)-, HYDROCHLORIDE
MUTATION DATA AND REFERENCES:
dnd-mam:lym 10 umol/L CBINA8 16,57,77
HYDRAZINECARBOXIMIDAMIDE HYDROCHLORIDE see: ME8430000
HYDRAZINECARBOXIMIDAMIDE, 2,2'-(1-METHYL-1,2-ETHANEDIYLIDENE)BIS- (9CI) see: MF3860000

MV1720400 HYDRAZINECARBOXYLIC ACID, 2-(6-(ETHYL(2-HYDROXYPROPYL)AMINO)-3-PYRIDAZINYL)-, ETHYL ESTER
UPDT:8306 CAS: 64241-34-5 MW: 283.38 MOLFM: C12-H21-N5-O3
SYN: CADRALAZINA (Spanish) * CADRALAZINE * ETHYL 6-(ETHYL(2-HYDROXYPROPYL)AMINO)-3-PYRIDAZINECARBAZATE * ETHYL 2-(6-(ETHYL(2-HYDROXYPROPYL)AMINO)-3-PYRIDAZINYL)HYDRAZINECARBOXYLATE * 2-(6-(ETHYL(2-HYDROXYPROPYL)AMINO)-3-PYRIDAZINYL)-HYDRAZINECARBOXYLIC ACID ETHYL ESTER * ISF 2469
TOXICITY DATA AND REFERENCES:
2G10H02 orl-rat LD50:2060 mg/kg JCPCDT 3,455,81
* ipr-rat LD50:440 mg/kg DRFUD4 7,382,82
2G10H02 ivn-rat LD50:269 mg/kg JCPCDT 3,455,81
* orl-mus LD50:825 mg/kg DRFUD4 7,382,82
* ipr-mus LD50:362 mg/kg DRFUD4 7,382,82
* ivn-mus LD50:162 mg/kg DRFUD4 7,382,82
3G10H02M01 ivn-dog LD50:400 mg/kg JCPCDT 3,455,81
HYDRAZINECARBOXYLIC ACID, (2-QUINOXALINYLMETHYLENE)-, METHYL ESTER, N,N'-DIOXIDE (9CI) see: FE2779000
HYDRAZINE-CARBSULFIDE, PHENYL- see: CY0886500

MV1730000 HYDRAZINE, CHLORATE
UPDT:8308 MW: 308.88 MOLFM: Cl-H-O3 .xH4-N2
SYN: HYDRAZINE CHLORATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
HYDRAZINE CHLORATE (DOT) see: MV1730000

MV2088000 HYDRAZINE, 1,2-DIBUTYL-, DIHYDROCHLORIDE
UPDT:8303 MW: 217.22 MOLFM: C8-H20-N2 .2Cl-H
SYN: 1,2-DI-n-BUTYLHYDRAZINE DIHYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
3V01J60P62 orl-mus TDLo:92 gm/kg/90W-C EXPEAM 37,773,81
3V01J60P62 orl-mus TD :142 gm/kg/90W-C EXPEAM 37,773,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
HYDRAZINE DICARBONIC ACID DIAZIDE (DOT) see: MV2089000

MV2089000 1,2-HYDRAZINEDICARBONYL DIAZIDE
UPDT:8308 CAS: 67880-17-5 MW: 170.12 MOLFM: C2-H2-N8-O2
SYN: HYDRAZINE DICARBONIC ACID DIAZIDE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
1,2-HYDRAZINEDICARBOTHIOAMIDE see: EC1460000

MV2096000 HYDRAZINE, (3,4-DICHLOROPHENETHYL)-
UPDT:8408 MW: 205.10 MOLFM: C8-H10-Cl2-N2
SYN: (3,4-DICHLOROPHENETHYL)HYDRAZINE * LON 96
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-mus TDLo:256 mg/kg (7-10D preg) JOENAK 49,635,71
1T22 scu-mus TDLo:192 mg/kg (1-6D preg) JOENAK 49,635,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
HYDRAZINE, 1,1-DIETHANOL see: KL2850000

MV2275000 HYDRAZINE, 1,2-DIETHYL-
UPDT:8406 CAS: 1615-80-1 MW: 88.18 MOLFM: C4-H12-N2
SYN: 1,2-DIAETHYLHYDRAZIN (German) * N,N'-DIETHYLHYDRAZINE * sym-DIETHYLHYDRAZINE * 1,2-DIETHYLHYDRAZINE * HYDRAZOETHANE * HYDROAZOETHANE * RCRA WASTE NUMBER U086 * SDEH
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T42 ivn-rat TDLo:10 mg/kg (15D preg) XENOBH 3,271,73
1T35 ivn-rat TDLo:500 mg/kg (15D preg) IARCCD 4,45,73
TUMORIGENIC DATA AND REFERENCES:
3V03A60P61 scu-rat TDLo:700 mg/kg/28W-I NATWAY 53,557,66
3V01T65A60 ivn-rat TDLo:50 mg/kg (15D preg) IARCCD 4,45,73
2V03A60 ivn-rat TDLo:1850 mg/kg/37W-I XENOBH 3,271,73
3V03T65A60 ivn-rat TD :50 mg/kg (15D preg) FCTXAV 6,584,68
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 4,153,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MV2280000 HYDRAZINE, 1-((DIETHYLAMINO)ACETYL)-2-((o-BENZAMIDOPHENYL)OXALYL)-
UPDT:8309 MW: 396.49 MOLFM: C21-H24-N4-O4
SYN: 1-((DIETHYLAMINO)ACETYL)-2-((o-BENZAMIDOPHENYL)OXALYL)HYDRAZINE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1550 mg/kg	FRPSAX 38,45,83
*	ipr-mus LD50:1748 mg/kg	FRPSAX 38,45,83

HYDRAZINE DIFLUORIDE see: MV2300000
HYDRAZINE, 1,2-DIFORMYL- see: LQ8625000

MV2298000 HYDRAZINE, DIHYDROCHLORIDE
UPDT:8310 CAS: 5341-61-7 MW: 104.98 MOLFM: H4-N2 .2Cl-H

MUTATION DATA AND REFERENCES:

	mmo-sat 200 ug/plate	MUREAV 89,9,81
	mmo-hmi 1 mmol/L	GENTAE 77(Suppl),34,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MV2300000 HYDRAZINE, DIHYDROFLUORIDE
UPDT:7902 CAS: 13537-45-6 MW: 72.08 MOLFM: H4-N2 .2F-H
SYN: HYDRAZINE DIFLUORIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:56 mg/kg	CSLNX* NX#04254

REVIEW AND REFERENCES:

★	TLV-TWA 2.5 mg(F)/m3	DTLVS* 4,195,80

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 2.5 mg(F)/m3	FEREAC 39,23540,74
★	CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3	NTIS**

MV2450000 HYDRAZINE, 1,1-DIMETHYL-
UPDT:8408 CAS: 57-14-7 MW: 60.12 MOLFM: C2-H8-N2
SYN: DIMAZINE * 1,1-DIMETHYLHYDRAZIN (German) * DIMETHYLHYDRAZINE * asymmetric DIMETHYLHYDRAZINE * N,N-DIMETHYLHYDRAZINE * uns-DIMETHYLHYDRAZINE * unsym-DIMETHYLHYDRAZINE * 1,1-DIMETHYLHYDRAZINE * DIMETHYLHYDRAZINE UNSYMMETRICAL (DOT) * DMH * NIESYMETRYCZNA DWU METYLOHYDRAZYNA (Polish) * RCRA WASTE NUMBER U098 * UDMH * UDMH (DOT) * UN 1163 (DOT)

MUTATION DATA AND REFERENCES:

	mmo-sat 42 umol/plate	CNREA8 41,1469,81
	mma-sat 42 umol/plate	CNREA8 41,1469,81
	mmo-esc 20 umol/L	ARTODN 46,277,80
	dnr-esc 20 uL/disc	MUREAV 97,1,82
	dnd-esc 1 umol/L	ARTODN 46,277,80
	pic-esc 17 gm/L	CNREA8 41,532,81
	dnr-bcs 20 uL/disc	MUREAV 97,1,82
	mmo-asn 250 nL/plate	MUREAV 80,265,81
	otr-hmn:oth 50 mg/L	ITCSAF 17,719,81
	otr-hmn:fbr 167 umol/L	PNASA6 80,7219,83
	otr-rat-orl 200 umol/kg	CBINA8 43,313,83
	dnd-rat:lvr 30 umol/L	MUREAV 113,357,83
	dns-rat-ipr 60 mg/kg	CANCAR 36,2364,75
	hma-rat/sat 120 mg/kg/6W-I	MUREAV 139,143,84
	dnd-mus-ipr 3500 umol/kg	CNREA8 41,1469,81
	dni-mus-orl 200 mg/kg	MUREAV 46,305,77
	msc-mus:lym 5 mmol/L/24H	NTIS** AD-A075-605
	hma-mus/sat 125 mg/kg	JJIND8 62,911,79
	msc-ham:lng 5 mmol/L	MUREAV 130,121,84

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T34	ipr-rat TDLo:600 mg/kg (6-15D preg)	JTEHD6 13,125,84

TUMORIGENIC DATA AND REFERENCES:

3V03D45K61	orl-rat TDLo:150 mg/kg/7W-I	NATUAS 246,491,73
3V03K60K61	scu-rat TDLo:21 mg/kg	SUFOAX 31,413,80
3V01H60J60	orl-mus TDLo:5880 mg/kg/42W-C	JNCIAM 50,181,73
2V03J60	ipr-mus TDLo:144 mg/kg/8W-I	JNCIAM 42,337,69
3V01H60K61	orl-ham TDLo:228 gm/kg/48W-C	CANCAR 40,2427,77
2V03J60	orl-mus TD :288 mg/kg/8W-I	JNCIAM 42,337,69
3V03K60K61	scu-rat TD :400 mg/kg/20W-I	SUFOAX 31,413,80
3V03D45K61	orl-rat TD :300 mg/kg/14W-I	NATUAS 246,491,73

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:122 mg/kg	MEPAAX 24,71,73
	ihl-rat LC50:252 ppm/4H	AMIHAB 12,609,55
	ipr-rat LD50:102 mg/kg	TXAPA9 6,371,64
*	ivn-rat LD50:119 mg/kg	MEPAAX 24,71,73
	ice-rat LDLo:27 mg/kg	BCPCA6 14,1901,65
*	orl-mus LD50:265 mg/kg	MEPAAX 24,71,73
	ihl-mus LC50:172 ppm/4H	AMIHAB 12,609,55
	ipr-mus LD50:125 mg/kg	AMRL** TR-69-130,69
	scu-mus LD50:12 mg/kg	BIJOAK 122,121,71
*	ivn-mus LD50:250 mg/kg	MEPAAX 24,71,73
3K12F11F12	ihl-dog LC50:3580 ppm/15M	AIHAAP 24,137,63
*	ivn-dog LD50:60 mg/kg	MEPAAX 24,71,73
	ipr-cat LDLo:30 mg/kg	EJTXAZ 7,238,74
	ihl-ham LC50:392 ppm/4H	AMIHAB 12,609,55

REVIEW AND REFERENCES:

	TOXICOLOGY REVIEW: ATXKA8 28,135,71	
★	CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 4,137,74
★	TLV-TWA 500 ppb; STEL 1 ppm (skin)	DTLVS* 4,149,80
★	TLV-SUSPECTED CARCINOGEN	DTLVS* 4,149,80

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 1 mg/m3 (skin) (SCP-K)	FEREAC 39,23540,74
★	DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON	CFRGBR 49,172.101,82
★	DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID, CORROSIVE	CFRGBR 49,172.102,83
★	CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO HYDRAZINES recm std-air:CL 0.15 mg/m3/2H	NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 248, VOL 3 S143
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MV2625000 HYDRAZINE, 1,2-DIMETHYL-
UPDT:8412 CAS: 540-73-8 MW: 60.12 MOLFM: C2-H8-N2
SYN: 1,2-DIMETHYLHYDRAZIN (German) * N,N'-DIMETHYLHYDRAZINE * sym-DIMETHYLHYDRAZINE * 1,2-DIMETHYL-HYDRAZINE * DIMETHYLHYDRAZINE, symmetrical (DOT) * DMH * HYDRAZOMETHANE * RCRA WASTE NUMBER U099 * SDMH * SYMETRYCZNA DWUMETYLOHYDRAZYNA (Polish) * UN 2382 (DOT)

MUTATION DATA AND REFERENCES:

	mma-sat 25 ug/plate	CALEDQ 12,287,81
	mma-sat 10 mmol/L	CRNGDP 4,449,83
	dnr-esc 250 ug/disc	JJIND8 62,873,79
	pic-esc 9400 mg/L	CNREA8 41,532,81
	mmo-bcs 25 ug/plate	CALEDQ 12,287,81
	dnr-bcs 20 uL/disc	MUREAV 97,1,82
	mrc-bcs 500 umol/L	MUREAV 68,31,79
	mrc-smc 200 mmol/L	NATWAY 54,251,67
	dnd-hmn:lng 1290 umol/L	CNREA8 37,2309,77
	dnd-hmn:fbr 20 umol	NTIS** AD-A092-249
	dns-hmn:lng 100 uL/L	NTIS** AD-A041-973
	otr-rat-ipr 500 umol/kg	CALEDQ 20,207,83
	otr-rat-orl 500 umol/kg	CALEDQ 20,207,83
	dnd-rat-par 210 mg/kg	PAACA3 24,82,83
	dnd-rat-orl 20 mg/kg	ENMUDM 4,667,82
	dnd-rat-scu 20 mg/kg	CNREA8 38,1589,78
	dnd-rat:oth 100 umol/L	TCMUD8 1,3,80
	dnd-rat-ipr 10200 ug/kg	CNREA8 41,3967,81
	dnd-rat:lvr 300 umol/L	SinJF# 26OCT82
	dns-rat-orl 3 mg/kg/36H-C	CNREA8 42,89,82
	bfa-rat/bcs 160 mg/kg	PAACA3 21,67,80
	mnt-mus-ipr 15 mg/kg	MUREAV 109,91,83
	mma-mus:lym 10 uL/L	NTIS** AD-A041-973
	dnd-mus-orl 5700 ug/kg	MUREAV 54,39,78
	dnd-mus-scu 56200 ug/kg	MUREAV 54,39,78
	dnd-mus-ipr 150 mg/kg	CRNGDP 5,231,84
	dni-mus-orl 200 mg/kg	MUREAV 46,305,77
	cyt-mus-orl 12 mg/kg	JJIND8 71,133,83
	msc-mus:lym 5 mmol/L/24H	NTIS** AD-A075-605
	hma-mus/sat 250 umol/kg	JJIND8 63,977,79
	otr-ham:emb 100 ug/L	IJCNAW 19,642,77
	sce-ham:ovr 130 umol/L	MUREAV 68,351,79
	msc-ham:lng 100 umol/L	PAACA3 24,93,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	ipr-rat TDLo:100 mg/kg (6-15D preg)	JTEHD6 13,125,84

TUMORIGENIC DATA AND REFERENCES:

3V03K60D35	orl-rat TDLo:120 mg/kg/4W-I	AJCNAC 30,176,77
2V03K60	ipr-rat TDLo:260 mg/kg/13W-I	CALEDQ 19,1,83
3V01D35K61	scu-rat TDLo:90 mg/kg/28W-I	BIMDB3 32,41,80
2V03K61	par-rat TDLo:160 mg/kg/16W-I	PAACA3 21,67,80
2V02J60	orl-mus TDLo:12500 ug/kg/24W-I	TXAPA9 72,313,84
2V02J60	ipr-mus TDLo:25 mg/kg/24W-I	TXAPA9 72,313,84
3V01J60K61	scu-mus TDLo:200 mg/kg/10W-I	JJIND8 63,1081,79
2V03K61	rec-mus TDLo:360 mg/kg/18W-I	FEPRA7 34,827,75
3V03K60V10	imp-rbt TDLo:2 mg/kg	CNREA8 35,2292,75
3V01F19K12	scu-ham TDLo:340 mg/kg/17W-I	EXMPA6 27,19,77
2V01K61	scu-rat TD :120 mg/kg/12W-I	NASDA6 32,270,81
3V01K60K61	scu-rat TD :20 mg/kg	GANNA2 74,493,83
3V01K61M61	scu-rat TD :200 mg/kg/10W-I	CRNGDP 3,1097,82
3V01K61T64	scu-mus TD :300 mg/kg/20W-I	JNCIAM 52,999,74
2V03K61	scu-rat TD :225 mg/kg/15W-I	IJCNAW 29,707,82
2V01K61	scu-rat TD :300 mg/kg/11W-I	GASTAB 81,475,81
3V02R60K60	scu-rat TD :42 mg/kg/28W-I	BIMDB3 32,41,80
3V01K60M61	scu-rat TD :420 mg/kg/28W-I	CRNGDP 4,1175,83
3V03K60K61	scu-rat TD :200 mg/kg/20W-I	DICRAG 23,137,80
2V01K61	scu-rat TD :400 mg/kg/10W-I	LANCAO 2,1030,80

TOXICITY DATA AND REFEPENCES:

	orl-rat LD50:100 mg/kg	NATWAY 54,285,67
	ihl-rat LCLo:280 ppm/4H	AMIHAB 12,609,55
*	ipr-rat LD50:163 mg/kg	MEPAAX 24,71,73
	scu-rat LD50:220 mg/kg	XENOBH 3,271,73
*	ivn-rat LD50:176 mg/kg	MEPAAX 24,71,73
*	orl-mus LD50:36 mg/kg	MEPAAX 24,71,73
*	ipr-mus LD50:35 mg/kg	MEPAAX 24,71,73
*	scu-mus LD50:24 mg/kg	TOLED5 8,87,81
*	ivn-mus LD50:29 mg/kg	MEPAAX 24,71,73
*	ivn-dog LD50:100 mg/kg	MEPAAX 24,71,73
	ims-ham LD50:95 mg/kg	ARZNAD 19,1891,69

REVIEW AND REFERENCES:

	TOXICOLOGY REVIEW: MUREAV 39,111,77	
★	CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 4,145,74

STANDARDS & REGULATIONS:

★	DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID, POISON	CFRGBR 49,172.102,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MV2630000 HYDRAZINE, 1-((DIMETHYLAMINO)ACETYL)-2-((o-(p-NITROBENZAMIDO)PHENYL)OXALYL)-, HYDROCHLORIDE, HYDRATE
UPDT:8309 MW: 467.91 MOLFM: C19-H19-N5-O6 .Cl-H .H2-O

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:2700 mg/kg	FRPSAX 38,45,83

MV2635000 HYDRAZINE, 1-((DIMETHYLAMINO)ACETYL)-2-((o-(p-TOLUAMIDO)PHENYL)OXALYL)-
UPDT:8309 MW: 382.46 MOLFM: C20-H22-N4-O4
SYN: 1-((DIMETHYLAMINO)ACETYL)-2-((o-(p-TOLUAMIDO)PHENYL)OXALYL)HYDRAZINE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1105 mg/kg	FRPSAX 38,45,83

MV2704500 HYDRAZINE, (3-(DIMETHYLAMINO)PROPYL)-, DIHYDROCHLORIDE
UPDT:8402 MW: 190.15 MOLFM: C5-H15-N3 .2Cl-H
SYN: (3-(DIMETHYLAMINO)PROPYL)HYDRAZINE DIHYDROCHLORIDE * 1-PROPANAMINE, 3-HYDRAZINO-N,N-DIMETHYL-, DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F13F17U26	ipr-mus LD50:1500 mg/kg	JPMSAE 54,1056,65

MV2800000 HYDRAZINE, 1,2-DIMETHYL-, DIHYDROCHLORIDE
UPDT:8412 CAS: 306-37-6 MW: 133.04 MOLFM: C2-H8-N2 .2Cl-H
SYN: N,N'-DIMETHYLHYDRAZINE DIHYDROCHLORIDE * sym-DIMETHYLHYDRAZINE DIHYDROCHLORIDE * 1,2-DIMETHYLHYDRAZINE DIHYDROCHLORIDE * DMH

MUTATION DATA AND REFERENCES:

	mmo-sat 19 umol/plate	CNREA8 41,1469,81
	mma-sat 19 umol/plate	CNREA8 41,1469,81
	dnd-esc 20 umol/L	MUREAV 89,95,81
	otr-rat-ipr 100 mg/kg	CALEDQ 16,191,82
	dnd-rat-scu 20 mg/kg	CNREA8 39,465,79
	dnd-rat-orl 1700 ug/kg/2D-C	CRNGDP 4,529,83
	dns-rat-orl 1700 ug/kg/4D-C	CRNGDP 4,529,83
	dni-rat-orl 1700 ug/kg/2D-C	CRNGDP 4,529,83
	cyt-rat-scu 15 mg/kg	VAAZA2 36,47,81
	dnd-mus-ipr 120 umol/kg	CNREA8 41,1469,81
	dnd-mus-scu 15 mg/kg	CNREA8 38,3063,78
	dns-mus-rec 250 ug/kg	CNREA8 36,13,76
	dni-mus-rec 250 mg/kg	CNREA8 36,13,76

	dni-mus-oth 500 umol/L	JJIND8 68,1015,82
	hma-mus/sat 10 mg/kg	JJIND8 61,457,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T83	ims-ham TDLo:200 mg/kg (12D preg)	APTOD9 19,A71,80

TUMORIGENIC DATA AND REFERENCES:

3V01D45K61	orl-rat TDLo:35 mg/kg	CALEDQ 14,47,81
2V01K61	ipr-rat TDLo:160 mg/kg/16W-I	NUCADQ 4,146,82
3V01D45K61	scu-rat TDLo:200 mg/kg/20W-I	PSEBAA 151,237,76
3V01H60J60	orl-mus TDLo:23 mg/kg/2Y-C	ANTRD4 2,365,82
2V03J60	ipr-mus TDLo:212 mg/kg/8W-I	JNCIAM 42,337,69
3V01K61L60	scu-mus TDLo:150 mg/kg/10W-I	CALEDQ 9,111,80
3V03K60F07	par-mus TDLo:133 mg/kg/6W-I	CALEDQ 8,23,79
3V01L04U01	orl-gpg TDLo:2190 mg/kg/73W-I	TXAPA9 38,647,76
3V03F15L60	scu-gpg TDLo:2040 mg/kg/34W-I	TXAPA9 38,647,76
3V02H60L60	orl-ham TDLo:446 mg/kg/51W-C	CNREA8 32,804,72
2V01K61	scu-rat TD :400 mg/kg/22W-I	JJIND8 64,263,80
2V01K61	scu-rat TD :500 mg/kg/20W-I	APLMAS 105,29,81
3V01H60J60	orl-mus TD :672 mg/kg/48W-C	VAPHDQ 384,263,79
2V01K60	orl-rat TD :75 mg/kg/5W-I	CNREA8 43,4083,83
3V01H60K61	orl-mus TD :720 mg/kg/24W-I	VAPHDQ 384,263,79
3V01H60K60	scu-mus TD :480 mg/kg/16W-I	VAPHDQ 384,263,79
2V03K60	scu-rat TD :40 mg/kg/32W-I	GANNA2 74,21,83
2V01K61	scu-mus TD :400 mg/kg/20W-I	FCTXAV 19,281,81
3V01D45K61	scu-rat TD :240 mg/kg/16W-I	JSGRA2 29,363,80
3V01K60K61	orl-rat TD :150 mg/kg/10W-I	TXAPA9 55,417,80

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:100 mg/kg	23HZAR -,267,70
	scu-rat LD50:215 mg/kg	23HZAR -,267,70
*	scu-mus LD50:25400 ug/kg	CRNGDP 3,603,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MV2900000 HYDRAZINE, 1,1-DIMETHYL-, HYDROCHLORIDE

UPDT:8401 CAS: 593-82-8 MW: 96.58 MOLFM: C2-H8-N2 · Cl-H

SYN: 1,1-DIMETHYLHYDRAZINE HYDROCHLORIDE

TUMORIGENIC DATA AND REFERENCES:

3V03J60L60	orl-rat TDLo:35 gm/kg/73W-C	ZEKBAI 69,103,67

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:196 mg/kg	AMIHAB 13,34,56
1F12	ipr-rat LD50:210 mg/kg	AMIHAB 13,34,56
	ivn-rat LD50:191 mg/kg	AMIHAB 13,34,56
	orl-mus LD50:426 mg/kg	AMIHAB 13,34,56
	ipr-mus LD50:466 mg/kg	AMIHAB 13,34,56
	ivn-mus LD50:402 mg/kg	AMIHAB 13,34,56
	ivn-dog LD50:96 mg/kg	AMIHAB 13,34,56

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO HYDRAZINES recm std-air:CL 0.15 mg/m3/2H NTIS**

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MV2940000 HYDRAZINE, 1,2-DIMETHYL-, HYDROCHLORIDE

UPDT:8401 MW: 96.58 MOLFM: C2-H8-N2 · Cl-H

SYN: sym-DIMETHYLHYDRAZINE HYDROCHLORIDE * 1,2-DIMETHYLHYDRAZINE HYDROCHLORIDE * DMH

MUTATION DATA AND REFERENCES:

	dns-mus-orl 20 mg/kg	FEPRA7 33,596,74

TUMORIGENIC DATA AND REFERENCES:

3V02K60K61	orl-rat TDLo:150 mg/kg/5W-I	JJIND8 63,1089,79
2V01K61	scu-rat TDLo:300 mg/kg/20W-I	CANCAR 40,2502,77
2V03K61	scu-rat TD :120 mg/kg/6W-I	CNREA8 33,940,73
2V03K61	scu-rat TD :20 mg/kg	CNREA8 41,1240,81
2V03K61	scu-rat TD :80 mg/kg/4W-I	CNREA8 41,1240,81
2V03K61	scu-rat TD :160 mg/kg/8W-I	CNREA8 41,1240,81
2V03K61	scu-rat TD :320 mg/kg/16W-I	CNREA8 41,1240,81
3V03K60K61	scu-rat TD :532 mg/kg/20W-I	LAINAW 30,505,74

TOXICITY DATA AND REFERENCES:

1F12	orl-rat LD50:257 mg/kg	AMIHAB 13,34,56
1F12	ipr-rat LD50:262 mg/kg	AMIHAB 13,34,56
1F12	ivn-rat LD50:281 mg/kg	AMIHAB 13,34,56
1F12	orl-mus LD50:58 mg/kg	AMIHAB 13,34,56
1F12	ipr-mus LD50:56 mg/kg	AMIHAB 13,34,56
1F12	ivn-mus LD50:47 mg/kg	AMIHAB 13,34,56
1F12	ivn-dog LD50:161 mg/kg	AMIHAB 13,34,56

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MV3106000 HYDRAZINE, 1,2-DIMETHYL-, mixed with OZONE

UPDT:8303 MW: 108.12 MOLFM: C2-H8-N2 · O3

SYN: 1,2-DIMETHYLHYDRAZINE mixed with OZONE * OZONE mixed with 1,2-DIMETHYLHYDRAZINE

MUTATION DATA AND REFERENCES:

	mma-sat 30 mg/L	MUREAV 94,23,82

MV3325000 HYDRAZINE, 2,4-DINITROPHENYL-

UPDT:8402 CAS: 119-26-6 MW: 198.16 MOLFM: C6-H6-N4-O4

SYN: 2,4-DINITROFENYLHYDRAZIN (Czech) * 2,4-DINITROPHENYLHYDRAZINE * 2,4-DNPH

IRRITATION DATA AND REFERENCES:

	eye-rbt 500 mg/24H MOD	28ZPAK -,132,72

MUTATION DATA AND REFERENCES:

	mma-sat 5 umol/L	ENMUDM 3,11,81
	mma-sat 1 umol/plate	MUREAV 58,11,78
	dnd-mus-ipr 1900 umol/kg	CNREA8 41,1469,81

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:654 mg/kg	28ZPAK -,132,72

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

HYDRAZINE, 1,2-DIPHENYL- see: MW2625000

MV3600000 HYDRAZINE, 1-((DIPROPYLAMINO)ACETYL)-2-((o-BENZAMIDOPHENYL)OXALYL)-, HYDROCHLORIDE, HYDRATE

UPDT:8309 MW: 479.03 MOLFM: C23-H28-N4-O4 · Cl-H · H2-O

SYN: 1-((DIPROPYLAMINO)ACETYL)-2-((o-BENZAMIDOPHENYL)OXALYL)HYDRAZINE HYDROCHLORIDE HYDRATE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:489 mg/kg	FRPSAX 38,45,83

HYDRAZINE, aqueous solution (DOT) see: MU7175000

MV3607000 HYDRAZINE, 1-((ETHYLAMINO)ACETYL)-2-((o-BENZAMIDOPHENYL)OXALYL)-, HYDROCHLORIDE

UPDT:8309 MW: 404.89 MOLFM: C19-H20-N4-O4 · Cl-H

SYN: 1-((ETHYLAMINO)ACETYL)-2-((o-BENZAMIDOPHENYL)OXALYL)HYDRAZINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:559 mg/kg	FRPSAX 38,45,83

MV3620000 HYDRAZINE, ETHYL-, HYDROCHLORIDE

UPDT:8401 CAS: 18413-14-4 MW: 96.58 MOLFM: C2-H8-N2 · Cl-H

SYN: ETHYLHYDRAZINE HYDROCHLORIDE

TUMORIGENIC DATA AND REFERENCES:

3V01H60J60	orl-mus TDLo:11 gm/kg/64W-C	IJCNAW 13,500,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDRAZINE, FORMYL- see: LQ8615000

HYDRAZINE, 1-FORMYL-1-METHYL- see: LQ8940000

MV4350000 HYDRAZINE, 1-FORMYL-2-PHENYL-

UPDT:8407 CAS: 622-84-4 MW: 136.17 MOLFM: C7-H8-N2-O

SYN: FORMIC ACID, 2-PHENYLHYDRAZIDE

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:500 mg/kg	NCNSA6 5,25,53
3J22J24J30	scu-mus LDLo:330 mg/kg	JIHTAB 18,1,36

HYDRAZINE HYDRATE see: MV8050000

HYDRAZINE, 2-METHOXYBENZOYL- see: BZ4700000

HYDRAZINE, 4-METHOXYBENZOYL- see: BZ4800000

MV5600000 HYDRAZINE, METHYL-

UPDT:8408 CAS: 60-34-4 MW: 46.09 MOLFM: C-H6-N2

SYN: HYDRAZOMETHANE * METHYLHYDRAZINE * 1-METHYLHYDRAZINE * METHYLHYDRAZINE (DOT) METYLOHYDRAZYNA (Polish) * MONOMETHYLHYDRAZINE * MMH * RCRA WASTE NUMBER P068 * UN 1244 (DOT)

MUTATION DATA AND REFERENCES:

	mmo-sat 2 umol/plate/48H	MUREAV 54,167,78
	mma-sat 1 uL/plate	NTIS** AD-A041-973
	dnd-hmn:fbr 116 pmol	NTIS** AD-A092-249
	dns-rat:lng 1 umol/L	NTIS** AD-A075-605
	dlt-rat-ipr 1075 mg/kg/5D-I	NTIS** AD-A041-973
	dns-ham:ovr 1 umol/L	NTIS** AD-A075-605
	dns-ham:lng 1 umol/L	NTIS** AD-A075-605

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	ipr-rat TDLo:100 mg/kg (6-15D preg)	APTOD9 19,A21,80
1T42	ipr-rat TDLo:50 mg/kg (6-15D preg)	APTOD9 19,A21,80

TUMORIGENIC DATA AND REFERENCES:

3V02J60P62	orl-mus TDLo:10 gm/kg/1Y-C	IJCNAW 9,109,72
2V03J60	ipr-mus TDLo:72 mg/kg/8W-I	JNCIAM 42,337,69
3V01K61L60	orl-ham TDLo:3000 mg/kg/47W-C	CNREA8 33,2744,73

TOXICITY DATA AND REFERENCES:

	ihl-rat LC50:74 ppm/4H	AMIHAB 12,609,55
	skn-rat LD50:183 mg/kg	CTOXAO 4,435,71
	ipr-rat LD50:21 mg/kg	CTOXAO 4,435,71
	ivn-rat LD50:17 mg/kg	CTOXAO 4,435,71
1F12	orl-rat LD50:33 mg/kg	AMIHAB 13,34,56
	ihl-mus LC50:56 ppm/4H	AMIHAB 12,609,55
	scu-rat LD50:35 mg/kg	BJCAAI 30,429,74
3F07F12F13	orl-mus LD50:29 mg/kg	NTIS** AD-A125-539
*	ipr-mus LD50:32300 ug/kg	MEPAAX 24,71,73
	scu-mus LD50:25 mg/kg	BJCAAI 30,429,74
*	ivn-mus LD50:33200 ug/kg	MEPAAX 24,71,73
	ihl-dog LC50:96 ppm/1H	AIHAAP 31,667,70
	ivn-dog LD50:12 mg/kg	PSEBAA 131,226,69
3D25K13F12	ihl-mky LC50:82 ppm/1H	AIHAAP 31,667,70
	skn-rbt LD50:95 mg/kg	PSEBAA 131,226,69
	ivn-rbt LD50:12 mg/kg	PSEBAA 131,226,69
	skn-gpg LD50:48 mg/kg	PSEBAA 131,226,69
	orl-ham LD50:22 mg/kg	CTOXAO 4,435,71
	ihl-ham LC50:143 ppm/4H	AMIHAB 12,609,55
	skn-ham LD50:239 mg/kg	CTOXAO 4,435,71
	ipr-ham LD50:21 mg/kg	CTOXAO 4,435,71

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: MUREAV 39,111,77; ARVPAX 5,447,65

★ TLV-CL 200 ppb (skin) DTLVS* 4,280,80

★ TLV-SUSPECTED CARCINOGEN DTLVS* 4,280,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:Cl 350 ug/m3 (skin) (SCP-K) FEREAC 39,23540,74

★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.101,82

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO HYDRAZINES recm std-air:CL 0.08 mg/m3/2H NTIS**

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 248, VOL 3 S149

'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MV5650000 HYDRAZINE, (alpha-METHYLBENZYL)-

UPDT:8307 CAS: 65-64-5 MW: 136.22 MOLFM: C8-H12-N2

SYN: ACTAMOL * ACTOMOL * ASTOMOL * HYDRAZINE, (1-PHENYLETHYL)- * MEBANAZINE * alpha-METHYLBENZYLHYDRAZINE * (1-PHENYLETHYL)HYDRAZINE

MUTATION DATA AND REFERENCES:

	oms-bcs 10 mmol/L	MUREAV 5,343,68

MV7350000 HYDRAZINE, (alpha-METHYLPHENETHYL)-

UPDT:8412 CAS: 55-52-7 MW: 150.25 MOLFM: C9-H14-N2

SYN: CASTRON * CATRAL * CATRAN * CATROL * CATRON * CATRONIAZIDE * CAVODIL * DICATRON * FENILISOPROPILIDRAZINA * 2-HYDRAZINO-1-PHENYLPROPANE * JB 516 * KATRON * KATRONIAZID * KATRONIZ * (alpha-METHYLPHENETHYL)HYDRAZINE * MIRAL * PHENIPRAZINE * PHENIZINE * 1-PHENYL-2-HYDRAZINOPROPANE * beta-PHENYLISOPROPYLHYDRAZINE * PHENYLISOPROPYLHYDRAZINE * PIH * PSICOSTEN * RUN

MUTATION DATA AND REFERENCES:

	oms-bcs 10 mmol/L	MUREAV 5,343,68

TOXICITY DATA AND REFERENCES:

2D14D35	unk-man TDLo:117 mg/kg/2.5Y	BMJOAE 1,331,63
	orl-rat LD50:34 mg/kg	27ZQAG -,353,72
	ipr-rat LD50:40 mg/kg	27ZQAG -,353,72
	scu-rat LD50:45 mg/kg	27ZQAG -,353,72
	ivn-rat LD50:44 mg/kg	27ZQAG -,353,72
1F02	orl-mus LD50:150 mg/kg	JJPAAZ 13,186,63
1F02	ipr-mus LD50:48 mg/kg	JJPAAZ 13,186,63
	scu-mus LD50:95 mg/kg	ANYAA9 80,568,59
	ivn-mus LD50:12 mg/kg	ARZNAD 12,352,62
	scu-cat LDLo:30 mg/kg	JPETAB 128,7,60
	ivn-cat LDLo:30 mg/kg	JPETAB 128,7,60

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MV7361000 HYDRAZINE, (o-METHYLPHENETHYL)-

UPDT:8408 CAS: 21085-56-3 MW: 150.25 MOLFM: C9-H14-N2

SYN: HYDRAZINE, (2-(2-METHYLPHENYL)ETHYL)- * 2-METHYLPHENELZINE * (o-METHYLPHENETHYL)HYDRAZINE * WL 31

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-mus TDLo:100 mg/kg (7-10D preg)	JOENAK 49,635,71
1T22	scu-mus TDLo:300 mg/kg (1-6D preg)	JOENAK 49,635,71

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:250 mg/kg	JOENAK 49,635,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MV7400000 HYDRAZINE, (alpha-METHYLPHENETHYL)-, MONOHYDROCHLORIDE
UPDT:8306 CAS: 66-05-7 MW: 186.71 MOLFM: C9-H14-N2 Cl-H
SYN: CATRON HYDROCHLORIDE * CATRONIACID * HYDRAZINE, (1-METHYL-2-PHENYLETHYL)-, MONOHYDROCHLORIDE (9CI) * JB 516 * (1-METHYL-2-PHENYLETHYL)-HYDRAZINEIUM CHLORIDE * PHENIPRAZINE HYDROCHLORIDE * PHENIZINE HYDROCHLORIDE * PHENYLISOPROPYLHYDRAZINE HYDROCHLORIDE * beta-PHENYLISOPROPYLHYDRAZINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:59 mg/kg IJNEAQ 5,125,66
1F17 ipr-mus LD50:112 mg/kg JMCMAR 18,20,75
scu-mus LD50:87 mg/kg IJNEAQ 5,125,66
ivn-mus LD50:66 mg/kg IJNEAQ 5,125,66

HYDRAZINE, (4-METHYLPHENYL)- (9CI) see: MW0194000
HYDRAZINE, (2-(2-METHYLPHENYL)ETHYL)- see: MV7361000
HYDRAZINE, (1-METHYL-2-PHENYLETHYL)-, MONOHYDROCHLORIDE (9CI) see: MV7400000
HYDRAZINE, 1-METHYL-2-(PHENYLMETHYL)- see: MU8925000

MV7750000 HYDRAZINE, METHYL-, SULFATE
UPDT:8401 CAS: 302-15-8 MW: 144.17 MOLFM: C-H6-N2 H2-O4-S
TUMORIGENIC DATA AND REFERENCES:
3V02J60P62 orl-mus TDLo:2092 mg/kg/83W-C IJCNAW 9,109,72
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:160 mg/kg RPTOAN 36,27,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MV8050000 HYDRAZINE, MONOHYDRATE
UPDT:8408 CAS: 7803-57-8 MW: 50.08 MOLFM: H4-N2 .H2-O
SYN: HYDRAZINE HYDRATE * IDRAZINA IDRATA (Italian)
MUTATION DATA AND REFERENCES:
mmo-sat 10 umol/plate CNREA8 41,1469,81
mmo-sat 800 ug/plate NEZAAQ 33,474,78
mmo-esc 20 umol/L ARTODN 46,277,80
dnd-mus-ipr 1560 nmol/kg CNREA8 41,1469,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T83 ims-ham TDLo:150 mg/kg (12D preg) APTOD9 19,A71,80
TUMORIGENIC DATA AND REFERENCES:
2V01J60 skn-mus TDLo:80 gm/kg/43W-I LAPPA5 25,149,65
TOXICITY DATA AND REFERENCES:
orl-rat LD50:129 mg/kg HYSAAV 30,191,65
orl-mus LD50:83 mg/kg HYSAAV 30,191,65
orl-rbt LD50:55 mg/kg HYSAAV 30,191,65
* ivn-rbt LD50:25 mg/kg MEIEDD 10,691,83
orl-gpg LD50:40 mg/kg HYSAAV 30,191,65
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO HYDRAZINES recm std-air:CL 0.04 mg/m3/2H NTIS**
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MV8127000 HYDRAZINE, 1-(2-NAPHTHYLOXY)-2-PHENYL-
UPDT:8402 MW: 279.39 MOLFM: C18-H19-N2-O
SYN: 1-(2-NAPHTHYLOXY)-2-PHENYLHYDRAZINE
TOXICITY DATA AND REFERENCES:
3J22J24J30 scu-mus LDLo:250 mg/kg JIHTAB 18,1,36

MV8210000 HYDRAZINE, (o-NITROPHENYL)-
UPDT:8303 CAS: 3034-19-3 MW: 153.16 MOLFM: C6-H7-N3-O2
SYN: 2-NITROPHENYLHYDRAZINE
MUTATION DATA AND REFERENCES:
mmo-sat 4 mmol/L AEMIDF 44,801,82
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:178 mg/kg CSLNX* NX#00632

MV8225000 HYDRAZINE, (p-NITROPHENYL)-
UPDT:8303 CAS: 100-16-3 MW: 153.16 MOLFM: C6-H7-N3-O2
SYN: p-NITROPHENYLHYDRAZINE
MUTATION DATA AND REFERENCES:
mmo-sat 2 mmol/L AEMIDF 44,801,82
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:250 mg/kg CBCCT* 6,57,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MV8260000 HYDRAZINE, 1-NITROSO-1,2,2-TRIMETHYL-
UPDT:8401 CAS: 16339-14-3 MW: 103.15 MOLFM: C3-H9-N3-O
SYN: N-NITROSOTRIMETHYLHYDRAZIN (German) * N-NITROSO-N,N',N'-TRIMETHYLHYDRAZINE * 1-NITROSO-1,2,2-TRIMETHYLHYDRAZINE
TUMORIGENIC DATA AND REFERENCES:
3V03L60M61 orl-rat TDLo:200 mg/kg/75W-C ZEKBAI 69,103,67
TOXICITY DATA AND REFERENCES:
orl-rat LD50:95 mg/kg ZEKBAI 69,103,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MV8350000 HYDRAZINE, PENTYL-, HYDROCHLORIDE
UPDT:8401 CAS: 1119-68-2 MW: 138.67 MOLFM: C5-H14-N2 Cl-H
SYN: n-AMYLHYDRAZINE HYDROCHLORIDE * n-PENTYLHYDRAZINE HYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
3V02H60J60 orl-mus TDLo:11 gm/kg/80W-C BJCAAI 31,492,75
3V03H60J60 orl-mus TD :12 mg/kg/W-C PAACA3 16,61,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MV8380000 HYDRAZINE, PERCHLORATE
UPDT:8308 CAS: 27978-54-7 MW: 324.88 MOLFM: Cl-H-O4 .xH4-N2
SYN: HYDRAZINE PERCHLORATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

HYDRAZINE PERCHLORATE (DOT) see: MV8380000

MV8400000 HYDRAZINE, PHENETHYL-
UPDT:8408 CAS: 51-71-8 MW: 136.22 MOLFM: C8-H12-N2
SYN: HYDRAZINE, (2-PHENYLETHYL)- * 1-HYDRAZINO-2-PHENYLETHANE * NARDIL * PHENELZINE * PHENETHYLHYDRAZINE * beta-PHENYLETHYLHYDRAZINE * 2-PHENYLETHYLHYDRAZINE * STINERVAL * W1544 * W 1544-A
MUTATION DATA AND REFERENCES:
oms-bcs 10 mmol/L MUREAV 5,343,68
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T22T23 orl-rat TDLo:450 mg/kg (4D male/4D pre-10D preg) PENDAV 16,21,65
2T71T75 orl-rat TDLo:175 mg/kg (16-22D preg) PENDAV 16,21,65
1T25 orl-rat TDLo:250 mg/kg (7-16D preg) PENDAV 16,21,65
1T35 orl-rat TDLo:200 mg/kg (10-17D preg) PENDAV 16,21,65
TOXICITY DATA AND REFERENCES:
2F19F07 orl-chd TDLo:7500 ug/kg AJDCAI 130,507,76
orl-mus LD50:130 mg/kg BCPCA6 17,369,68
ipr-mus LD50:135 mg/kg FATOAO 32,526,69
scu-mus LD50:150 mg/kg BCPCA6 17,369,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MV8750000 HYDRAZINE, PHENETHYL-, SULFATE (1:1)
UPDT:8403 CAS: 156-51-4 MW: 234.30 MOLFM: C8-H12-N2 H2-O4-S
SYN: ALACINE * ALAZIN * ALAZINE * EP-411 * ESTINERVAL * FELAZINE * FENELSIN * FENELZIN * FENELZINA * FENELZINE * FENETSIN * FENIZIN * HYDRAZINE, (2-PHENYLETHYL)-, SULFATE (1:1) * 1-HYDRAZINO-2-PHENYLETHANE HYDROGEN SULPHATE * KALGAN * MAO-REM * MONOFEN * MONOPHEN * MONOTEN * N-1544A * NARDELZINE * NARDIL * PHELAZIN * PHENALZINE * PHENALZINE DIHYDROGEN SULFATE * PHENALZINE HYDROGEN SULPHATE * PHENELZIN * PHENELZINE ACID SULFATE * PHENELZINE BISULPHATE * PHENELZINE SULFATE * PHENELZINE SULPHATE * PHENETHYLHYDRAZIN * PHENETHYLHYDRAZINE SULFATE (1:1) * PHENETHYLHYDRAZINE SULPHATE * PHENLINE * PHENODYN * PHENODYNE * PHENYLAETHYL-HYDRAZIN * PHENYLETHYLHYDRAZINE DIHYDROGEN SULPHATE * beta-PHENYLETHYLHYDRAZINE DIHYDROGEN SULFATE * 2-PHENYLETHYLHYDRAZINE DIHYDROGEN SULPHATE * beta-PHENYLETHYLHYDRAZINE HYDROGEN SULPHATE * 2-PHENYLETHYLHYDRAZINE HYDROGEN SULPHATE * PHENYLETHYLHYDRAZINE SULPHATE * beta-PHENYLETHYLHYDRAZINE SULFATE * 2-PHENYLETHYLHYDRAZINE SULPHATE * S 1544 * STINERVAL * WL 7
MUTATION DATA AND REFERENCES:
mmo-sat 800 ug/plate NEZAAQ 33,474,78
mmo-sat 800 ug/plate NEZAAQ 33,474,78
dnr-esc 4300 nmol/plate JTEHD6 9,287,82
dnd-mus-ipr 280 mg/kg/5D-C JTEHD6 9,287,82
dnd-mus-orl 312 mg/kg JTEHD6 9,287,82
sce-mus-ipr 168 mg/kg JTEHD6 9,287,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-mus TDLo:150 mg/kg (1-6D preg) JOENAK 30,205,64
1T29 scu-mus TDLo:50 mg/kg (7-10D preg) JOENAK 49,635,71
TUMORIGENIC DATA AND REFERENCES:
3V02H60J60 orl-mus TDLo:28 gm/kg/77W-C CNREA8 36,917,76
TOXICITY DATA AND REFERENCES:
3F03H02K14 orl-hmn TDLo:1070 ug/kg/D 34ZIAG -,461,69
orl-rat LD50:210 mg/kg ANYAA9 107,899,63
orl-mus LD50:156 mg/kg ANYAA9 107,899,63
1F17 ipr-mus LD50:162 mg/kg JMCMAR 18,20,75
scu-mus LD50:125 mg/kg JOENAK 30,205,64
ivn-mus LD50:157 mg/kg ANYAA9 107,899,63
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IDPYAK 2,209,75; HEPHD2 55,527,80
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 24,175,80
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 24,175,80
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MV8925000 HYDRAZINE, PHENYL-
UPDT:8404 CAS: 100-63-0 MW: 108.16 MOLFM: C6-H8-N2
SYN: FENILIDRAZINA (Italian) * FENYLHYDRAZINE (Dutch) * HYDRAZINE-BENZENE * HYDRAZINOBENZENE * PHENYLHYDRAZIN (German) * PHENYLHYDRAZINE * PHENYLHYDRAZINE (DOT) * UN 2572 (DOT)
MUTATION DATA AND REFERENCES:
mmo-sat 4600 nmol/plate CNREA8 41,1469,81
mmo-sat 1500 ug/plate MUREAV 66,247,79
dnd-mus-ipr 350 umol/kg CNREA8 41,1469,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 ipr-rat TDLo:30 mg/kg (17-19D preg) TJADAB 8,97,73
TUMORIGENIC DATA AND REFERENCES:
3V01L60R60 scu-rat TDLo:5200 mg/kg/52W-I GTPZAB 19(6),28,75
TOXICITY DATA AND REFERENCES:
orl-rat LD50:188 mg/kg HYSAAV 30,191,65
scu-rat LDLo:40 mg/kg AEPPAE 182,118,36
orl-mus LDLo:175 mg/kg HYSAAV 30,191,65
3J22J24J30 scu-mus LDLo:170 mg/kg JIHTAB 18,1,36
orl-dog LDLo:200 mg/kg XPHBAO 271,159,41
ivn-dog LDLo:120 mg/kg XPHBAO 271,159,41
orl-rbt LD50:80 mg/kg HYSAAV 30,191,65
scu-rbt LDLo:80 mg/kg AEPPAE 182,118,36
orl-gpg LD50:80 mg/kg HYSAAV 30,191,65
unk-frg LDLo:300 mg/kg XPHBAO 271,159,41
REVIEW AND REFERENCES:
★ TLV-TWA 5 ppm; STEL 10 ppm (skin) DTLWS* 4,333,81
★ TLV-SUSPECTED CARCINOGEN DTLWS* 4,333,81
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 ppm (skin) (SCP-L) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO HYDRAZINES recm std-air:CL 0.6 mg/m3/2H NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 248, VOL 3 S160
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MV8982000 HYDRAZINE, 1,1'-(p-PHENYLENEBIS(OXYETHYLENE))DI-, DIHYDROCHLORIDE
UPDT:8308 CAS: 13104-70-6 MW: 299.24 MOLFM: C10-H18-N4-O2 2Cl-H
SYN: HP 1325
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-mus TDLo:6 mg/kg (1-3D preg) JOENAK 27,147,63
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg JOENAK 27,147,63
ipr-mus LD50:983 mg/kg 27ZQAG -,394,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDRAZINE, (1-PHENYLETHYL)- see: MV5650000
HYDRAZINE, (2-PHENYLETHYL)- see: MV8400000
HYDRAZINE, (2-PHENYLETHYL)-, SULFATE (1:1) see: MV8750000

MV9000000 HYDRAZINE, PHENYL-, HYDROCHLORIDE
UPDT:8406 CAS: 59-88-1 MW: 144.62 MOLFM: C6-H8-N2 Cl-H
SYN: HYDRAZINE, PHENYL-, MONOHYDROCHLORIDE * PHENYLHYDRAZINE HYDROCHLORIDE * PHENYLHYDRAZINE MONOHYDROCHLORIDE * PHENYLHYDRAZIN HYDROCHLORID (German) * PHENYLHYDRAZINIUM CHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 800 ug/plate NEZAAQ 33,474,78
mmo-sat 800 ug/plate NEZAAQ 33,474,78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 ipr-rat TDLo:30 mg/kg (17-19D preg) SEIJBO 14,95,74
TUMORIGENIC DATA AND REFERENCES:
2V02J60 orl-mus TDLo:8000 mg/kg/42W-I 34ZRA9 -,869,65
2V03J60 ipr-mus TDLo:464 mg/kg/8W-I JNCIAM 42,337,69
3V02H60P62 orl-mus TD :10 gm/kg/58W-C ZKKOBW 87,267,76
2V03J60 orl-mus TD :928 mg/kg/8W-I JNCIAM 42,337,69
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:89 mg/kg FRPSAX 9,274,54

orl-rbt LDLo:25 mg/kg HBAMAK 4,1289,35
scu-rbt LDLo:25 mg/kg HBAMAK 4,1289,35
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO HYDRAZINES recm std-air:CL 0.6 mg/m3/2H NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDRAZINE, PHENYL-, MONOHYDROCHLORIDE see: MV9000000

MV9145000 HYDRAZINE, PHENYL- compd. with SULFUR DIOXIDE
UPDT:8409 MW: 172.22 MOLFM: C6-H8-N2 O2-S
SYN: PHENYLHYDRAZINE-SULFUR DIOXIDE
TOXICITY DATA AND REFERENCES:
3J22J24J30 scu-mus LDLo:290 mg/kg JIHTAB 18,1,36

MV9360000 HYDRAZINE, PROPYL-, HYDROCHLORIDE
UPDT:8401 CAS: 56795-66-5 MW: 110.61 MOLFM: C3-H10-N2 Cl-H
SYN: n-PROPYLHYDRAZINE HYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
2V02J60 orl-mus TDLo:20 gm/kg/58W-C EJCAAH 11,473,75
2V03J60 orl-mus TD :50 mg/kg/W-C PAACA3 16,61,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MV9400000 HYDRAZINE, SELENATE
UPDT:8308
SYN: HYDRAZINE SELENATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

HYDRAZINE SELENATE (DOT) see: MV9400000

MV9625000 HYDRAZINE, SULFATE (1:1)
UPDT:8406 CAS: 10034-93-2 MW: 130.14 MOLFM: H4-N2 .H2-O4-S
SYN: HS * HYDRAZINE SULPHATE * IDRAZINA SOLFATO (Italian) * NSC-150014 * SIRAN HYDRAZINU (Czech)
IRRITATION DATA AND REFERENCES:
eye-rbt 20 mg/24H SEV 28ZPAK -,15,72
MUTATION DATA AND REFERENCES:
mmo-sat 5 ug/plate JJIND8 62,873,79
mma-sat 5 ug/plate JJIND8 62,873,79
mmo-sat 50 ug/plate PMRSDJ 1,351,81
mma-esc 100 ug/plate PMRSDJ 1,387,81
dnr-esc 250 ug/disc JJIND8 62,873,79
dnr-bcs 20 uL/disc MUREAV 97,1,82
dnd-bcs 200 ug/disc PMRSDJ 1,175,81
mmo-smc 133 mg/L PMRSDJ 1,414,81
dnr-smc 100 mg/L PMRSDJ 1,502,81
mrc-smc 385 ppm PMRSDJ 1,481,81
sln-smc 50 mg/L PMRSDJ 1,468,81
mmo-ssp 500 ug/L PMRSDJ 1,424,81
mma-ssp 5 mg/L PMRSDJ 1,424,81
dns-hmn:fbr 1 mg/L PMRSDJ 1,528,81
dni-mus-ipr 180 mg/kg IJEBA6 19,939,81
hma-mus/sat 420 mg/kg JJIND8 62,911,79
otr-ham:kdy 2500 ug/L PMRSDJ 1,638,81
dnd-ham-orl 1035 mg/kg/9W-I TXAPA9 70,324,83
cyt-ham:ovr 1167 mg/L PMRSDJ 1,551,81
sce-ham:lng 100 nmol/L MUREAV 118,103,83
TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 orl-rat TDLo:43 gm/kg/85W-C JNCIAM 41,331,68
3V01T65J60 orl-mus TDLo:1892 mg/kg (MGN) JCROD7 105,258,83
3V01J60L60 orl-mus TDLo:19 gm/kg/61W-C JNCIAM 41,331,68
2V03J60 ipr-mus TDLo:832 mg/kg/8W-I JNCIAM 42,337,69
3V02J60L60 orl-rat TD :38 gm/kg/68W-I JNCIAM 41,331,68
2V02J60 orl-mus TD :1664 mg/kg/8W-I JNCIAM 42,337,69
3V02J60L60 orl-mus TD :1280 mg/kg/4w-I BJCAAI 18,543,64
2V03J60 orl-mus TD :11 gm/kg/46W-I NATUAS 194,488,62
2V03J60 ipr-mus TD :950 mg/kg/10W-I IJCNAW 4,318,69
2V03J60 ipr-mus TD :475 mg/kg/5W-I IJCNAW 4,318,69
3V03J60L60 orl-mus TD :14080 mg/kg/64W-I CALEDQ 17,75,82
2V01J60 orl-mus TD :18524 mg/kg/84W-I JCROD7 105,258,83
2V02J60 orl-mus TD :18480 mg/kg/84W-I JCROD7 105,258,83
TOXICITY DATA AND REFERENCES:
3C10F07K13 orl-hmn TDLo:201 mg/kg/8D CCROBU 59,1151,75
orl-rat LD50:601 mg/kg 28ZPAK -,15,72
ipr-rat LD50:230 mg/kg RPTOAN 41,74,78
orl-mus LD50:740 mg/kg RPTOAN 41,74,78
2L01M03 ipr-mus LD50:152 mg/kg AEHLAU 17,315,68
orl-dog LDLo:100 mg/kg HBAMAK 4,1289,35
orl-rbt LDLo:100 mg/kg HBAMAK 4,1289,35
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 4,119,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO HYDRAZINES recm std-air:CL 0.04 mg/m3/2H NTIS**
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDRAZINE SULPHATE see: MV9625000
HYDRAZINE, TETRAFLUORO- see: QX0175000

MW0190000 HYDRAZINE, TETRAMETHYL-, MONOHYDROCHLORIDE
UPDT:8401 CAS: 61556-82-9 MW: 124.64 MOLFM: C4-H12-N2 Cl-H
SYN: TETRAMETHYLHYDRAZINE HYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
3V01H60J60 orl-mus TDLo:49 gm/kg/34W-C JNCIAM 57,1179,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MW0194000 HYDRAZINE, p-TOLYL-
UPDT:8406 CAS: 539-44-6 MW: 122.19 MOLFM: C7-H10-N2
SYN: HYDRAZINE, (4-METHYLPHENYL)- (9CI) * p-METHYLPHENYLHYDRAZINE * (4-METHYLPHENYL)HYDRAZINE * p-TOLYLHYDRAZINE
MUTATION DATA AND REFERENCES:
mmo-sat 1 mmol/L AEMIDF 44,801,82
TOXICITY DATA AND REFERENCES:
2F07J30 ipr-mus LD50:150 mg/kg JJPAAZ 9,159,60

MW0195000 HYDRAZINE, p-TOLYL-, HYDROCHLORIDE
UPDT:8401 CAS: 637-60-5 MW: 158.65 MOLFM: C7-H10-N2 Cl-H
SYN: 4-METHYLPHENYLHYDRAZINE HYDROCHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 800 ug/plate NEZAAQ 33,474,78
mma-sat 800 ug/plate NEZAAQ 33,474,78
TUMORIGENIC DATA AND REFERENCES:
3V02H60J60 orl-mus TDLo:1750 mg/kg/7W-I ZKKOBW 89,245,77
2V01V10 scu-mus TDLo:3640 mg/kg/26W-I JTEHD6 8,1,81
2V02J60 scu-mus TD :1400 mg/kg/10W-I ZKKOBW 89,245,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MW0220000 HYDRAZINE, TRIFLUOROSTANNITE
UPDT:7902 CAS: 73953-53-4 MW: 208.76 MOLFM: H4-N2 .F3-H-Sn
SYN: HYDRAZINIUM TRIFLUOROSTANNITE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#04255
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

MW0250000 HYDRAZINE, TRIMETHYL-, HYDROCHLORIDE
UPDT:8401 MW: 110.61 MOLFM: C3-H10-N2 .Cl-H
SYN: TRIMETHYLHYDRAZINE HYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
3V01H60J60 orl-mus TDLo:22 gm/kg/37W-C JNCIAM 57,187,76
3V01H60L60 orl-ham TDLo:80 gm/kg/27W-C JNCIAM 59,431,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDRAZINE YELLOW see: UQ6400000

MW0333200 HYDRAZINIUM, 2-BENZOYL-1,1-DIMETHYL-1-(2,3-DIMETHYL-2-HYDROXY-3-BUTENYL)-
UPDT:8303 MW: 263.40 MOLFM: C15-H23-N2-O2
SYN: 2-BENZOYL-1,1-DIMETHYL-1-(2,3-DIMETHYL-2-HYDROXY-3-BUTENYL)HYDRAZINIUM
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:420 mg/kg EJMCA5 17,265,82
* ivn-mus LD50:150 mg/kg EJMCA5 17,265,82

MW0333300 HYDRAZINIUM, 2-BENZOYL-1,1-DIMETHYL-1-(2-HYDROXY-2-METHYL-3-BUTENYL)-
UPDT:8303 MW: 249.37 MOLFM: C14-H21-N2-O2
SYN: 2-BENZOYL-1,1-DIMETHYL-1-(2-HYDROXY-2-METHYL-3-BUTENYL)HYDRAZINIUM
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:690 mg/kg EJMCA5 17,265,82
* ivn-mus LD50:225 mg/kg EJMCA5 17,265,82

MW0333500 HYDRAZINIUM, 1-(2-BROMOETHYL)-1,1-DIMETHYL-, BROMIDE
UPDT:8406 MW: 248.00 MOLFM: C4-H12-Br-N2 .Br
SYN: N,N-DIMETHYL-(2-BROMAETHYL)-HYDRAZINIUMBROMID (German) * N,N-DIMETHYL-(2-BROMOETHYL)HYDRAZINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:230 mg/kg ABMGAJ 27,663,71
* ipr-mus LD50:315 mg/kg ABMGAJ 27,663,71
* ivn-mus LD50:72 mg/kg ABMGAJ 27,663,71

MW0333600 HYDRAZINIUM, 1-(2-CARBOXYETHYL)-1,1-DIMETHYL-, BROMIDE, METHYL ESTER
UPDT:8406 MW: 227.14 MOLFM: C6-H15-N2-O2 .Br
SYN: 1-(2-CARBOXYETHYL)-1,1-DIMETHYLHYDRAZINIUM BROMIDE METHYL ESTER * HRC
TOXICITY DATA AND REFERENCES:
3D17F12K01 ipr-mus LD50:52 mg/kg AIPTAK 88,351,51

MW0333700 HYDRAZINIUM, 2-(3,4-DIETHOXYBENZYLIDENE)-1,1,1-TRIMETHYL-, IODIDE
UPDT:8406 MW: 378.29 MOLFM: C14-H23-N2-O2 .I
SYN: 2-(3,4-DIETHOXYBENZYLIDENE)-1,1,1-TRIMETHYLHYDRAZONIUM IODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#07258

MW0341600 HYDRAZINIUM, 1,1-DIMETHYL-1-(2,3-DIMETHYL-2-HYDROXY-3-BUTENYL)-
UPDT:8303 MW: 215.36 MOLFM: C11-H23-N2-O2
SYN: 1,1-DIMETHYL-1-(2,3-DIMETHYL-2-HYDROXY-3-BUTENYL)HYDRAZINIUM
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg EJMCA5 17,265,82
* ivn-mus LD50:145 mg/kg EJMCA5 17,265,82

MW0341700 HYDRAZINIUM, 1,1-DIMETHYL-1-(2,3-DIMETHYL-2-HYDROXY-3-BUTENYL)-2-METHACRYLOYL-
UPDT:8303 MW: 227.37 MOLFM: C12-H23-N2-O2
SYN: 1,1-DIMETHYL-1-(2,3-DIMETHYL-2-HYDROXY-3-BUTENYL)-2-METHACRYLOYLHYDRAZINIUM
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:290 mg/kg EJMCA5 17,265,82
* ivn-mus LD50:130 mg/kg EJMCA5 17,265,82

MW0341900 HYDRAZINIUM, 1,1-DIMETHYL-1-(2-HYDROXY-2-METHYL-3-BUTENYL)-1-METHACRYLOYL-
UPDT:8303 MW: 201.33 MOLFM: C10-H21-N2-O2
SYN: 1,1-DIMETHYL-1-(2-HYDROXY-2-METHYL-3-BUTENYL)-1-METHACRYLOYLHYDRAZINIUM
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:610 mg/kg EJMCA5 17,265,82
* ivn-mus LD50:230 mg/kg EJMCA5 17,265,82

HYDRAZINIUM TRIFLUOROSTANNITE see: MW0220000

MW0349100 HYDRAZINIUM, 1,1,1-TRIMETHYL-, IODIDE
UPDT:8401 CAS: 3288-80-0 MW: 202.06 MOLFM: C3-H11-N2 .I
SYN: HTMA * 1,1,1-TRIMETHYLHYDRAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F11F12G30 ipr-mus LD50:255 mg/kg AIPTAK 88,351,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MW0349300 HYDRAZINIUM, 1,1,1-TRIMETHYL-2-VANILLYLIDENE-, IODIDE
UPDT:8305 MW: 336.20 MOLFM: C11-H17-N2-O2 .I
SYN: 1,1,1-TRIMETHYL-2-VANILLYLIDENEHYDRAZINIUM IODIDE * VANILLIN, HYDRAZONE with 1,1,1-TRIMETHYLHYDRAZONIUM IODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:5600 ug/kg CSLNX* NX#07265

2-HYDRAZINO-4-(p-AMINOPHENYL)THIAZOLE see: XJ2880000
2-HYDRAZINO-4-(4-AMINOPHENYL)THIAZOLE see: XJ2880000
HYDRAZINOBENZENE see: MV8925000
4-HYDRAZINO-1-(2-DEOXY-beta-D-erythro-PENTAFURANOSYL)-2(1H)-PYRIMIDINONE see: UW7522000
2-HYDRAZINOETHANOL see: KL2800000
HYDRAZINO-alpha-METHYLDOPA see: MW5298000
3-HYDRAZINO-N-METHYL-5-(METHYLAMINO)-as-TRIAZINE-6-CARBOXAMIDE see: XY5046400
2-HYDRAZINO-4-(5-NITRO-2-FURANYL)THIAZOLE see: XJ4900000
2-HYDRAZINO-4-(5-NITRO-2-FURYL)THIAZOLE see: XJ4900000
2-HYDRAZINO-4-(4-NITROPHENYL)THIAZOLE see: XJ5075000
1-HYDRAZINO-2-PHENYLETHANE see: MV8400000
1-HYDRAZINO-2-PHENYLETHANE HYDROGEN SULPHATE see: MV8750000
(m-HYDRAZINOPHENYL)PHOSPHONIC ACID see: SZ8561300

(p-HYDRAZINOPHENYL)PHOSPHONIC ACID see: SZ8561350
2-HYDRAZINO-1-PHENYLPROPANE see: MV7350000
HYDRAZINOPHTHALAZINE see: TH8925000
1-HYDRAZINOPHTHALAZINE see: TH8925000
1-HYDRAZINOPHTHALAZINE HYDROCHLORIDE see: TH9000000
1-HYDRAZINOPHTHALAZINE MONOHYDROCHLORIDE see: TH9000000
4-HYDRAZINO-5H-PYRIDAZINO(4,5-b)INDOLE TRIHYDROCHLORIDE see: UR6114000
2-HYDRAZINO-1,3-delta(sup 2)-THIAZOLIN-4-ONE see: XJ7013000
4-HYDRAZINO-1,3-delta(sup 3)-THIAZOLIN-2-ONE see: XJ7013500
HYDRAZOBENZEN (Czech) see: MW2625000

MW2625000 HYDRAZOBENZENE

UPDT 8412 CAS: 122-66-7 MW: 184.26 MOLFM: C12-H12-N2
SYN: BENZENE, HYDRAZODI- * N,N-BIANILINE * (sym)-DIPHENYLHYDRAZINE * 1,2-DIPHENYLHYDRAZINE (9CI) * HYDRAZINE, 1,2-DIPHENYL- * HYDRAZOBENZEN (Czech) * NCI-C01854 * RCRA WASTE NUMBER U109

MUTATION DATA AND REFERENCES:
mma-sat 33 ug/plate ENMUDM 5(Suppl 1),3,83
dni-mus-ipr 100 mg/kg MUREAV 46,305,77

TUMORIGENIC DATA AND REFERENCES:
3V01L60R60 orl-rat TDLo:2620 mg/kg/78W-C NCITR* NCI-CG-TR-92,78
3V03R60T64 scu-rat TDLo:6 gm/kg/27W-I VOONAW 20(4),53,74
2V01L60 orl-mus TDLo:26 gm/kg/78W-C NCITR* NCI-CG-TR-92,78
2V03L60 skn-mus TDLo:5280 mg/kg/26W-I VOONAW 20(4),53,74
3V03L60V10 scu-mus TDLo:8400 mg/kg/38W-I VOONAW 20(4),53,74
3V01L60R60 orl-rat TDLo:9820 mg/kg/78W-C NCITR* NCI-CG-TR-92,78
3V03R60T64 orl-rat TDLo:36 gm/kg/53W-I VOONAW 20(4),53,74
2V03D45 scu-rat TDLo:16 gm/kg/1Y-I CANCAR 3,789,50

TOXICITY DATA AND REFERENCES:
orl-rat LD50:301 mg/kg NCIMR* NIH-71-E-2144

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-92,78)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDRAZODICARBONSAEUREABIS(METHYLNITROSAMID) (German) see: EC1450000
HYDRAZOETHANE see: MV2275000

MW2800000 HYDRAZOIC ACID

UPDT 8405 CAS: 7782-79-8 MW: 43.04 MOLFM: H-N3
SYN: AZOIMIDE * DIAZOIMIDE * HYDROGEN AZIDE * HYDRONITRIC ACID * STICKSTOFFWASSERSTOFFSAEURE (German) * TRIAZOIC ACID

TOXICITY DATA AND REFERENCES:
3A11F07G10 ihl-hmn TCLo:300 ppb JIHTAB 30,98,48
ihl-rat LCLo:1100 ppm/1H PHRPA6 58,607,43
ipr-mus LD50:22 mg/kg JIHTAB 30,98,48

REVIEW AND REFERENCES:
★ TLV-100 ppb (vapor) DTLVS* 4,368,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDRAZOMETHANE see: MV2625000
HYDRAZOMETHANE see: MV5600000
2,2'-HYDRAZONODIETHANOL see: KL2850000
1-HYDRAZONO-6,7-DIMETHOXY-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROCHLORIDE see NX6037240
HYDRAZYNA (Polish) see: MU7175000
HYDREA see: YT4900000
HYDREIA see: YT4900000
HYDRENOX see: DK9625000
HYDRIDOTETRACARBONYLCOBALT see: GG0900000
HYDRIL see: DK9100000

MW3680000 HYDRILLA VERTICILLATA (L.f.) Royle, extract

DEF: Indian plant belonging to the family HYDROCHARIDACEAE (IJEBA6 18,594,80)
UPDT 8412

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

HYDRIN-2 see: GM8960000

MW3760000 HYDRIODIC ACID

UPDT 8312 CAS: 10034-85-2 MW: 127.91 MOLFM: H-I
SYN: ANHYDROUS HYDRIODIC ACID * HYDRIODIC ACID (DOT) * HYDROGEN IODIDE * HYDROGEN IODIDE, ANHYDROUS (DOT) * HYDROGEN IODIDE SOLUTION (DOT) * UN 1787 (DOT) * UN 2197 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
★ DOT-IMO:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS, CORROSIVE CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HYDRIODIC ACID (DOT) see: MW3760000
HYDRIODIC ETHER see: KI4750000
HYDRIODIDE-ENTEROL see: VC5075000
HYDRITE see: GF1670500
HYDRO-ADRESON see: GM8925000
HYDRO-AQUIL see: DK9100000
HYDROAZODICARBOXYBIS(METHYLNITROSAMIDE) see: EC1450000
HYDROAZOETHANE see: MV2275000

MW3850000 HYDROBROMIC ACID

UPDT 8404 CAS: 10035-10-6 MW: 80.92 MOLFM: Br-H
SYN: ACIDE BROMHYDRIQUE (French) * ACIDO BROMIDRICO (Italian) * ANHYDROUS HYDROBROMIC ACID * BROMOWODOR (Polish) * BROMWASSERSTOFF (German) * BROOMWATERSTOF (Dutch) * HYDROBROMIC ACID, ANHYDROUS (DOT) * HYDROBROMIC ACID (DOT) * HYDROGEN BROMIDE * HYDROGEN BROMIDE (DOT) * UN 1048 (DOT) * UN 1788 (DOT)

TOXICITY DATA AND REFERENCES:
ihl-rat LC50:2858 ppm/1H NTIS** PB214-270
ihl-mus LC50:814 ppm/1H NTIS** PB214-270

REVIEW AND REFERENCES:
★ TLV-TWA 3 ppm DTLVS* 4,221,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 3 ppm (SCP-L) FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172.101,82
★ DOT-IMO:POISON A; LABEL:POISON GAS, CORROSIVE CFRGBR 49,172.102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7903
REPORTED IN EPA TSCA INVENTORY, 1983

HYDROBROMIC ACID, ANHYDROUS (DOT) see: MW3850000
HYDROBROMIC ACID (DOT) see: MW3850000

MW3860000 HYDROCARBON GAS

UPDT 8407
SYN: COAL GAS (DOT) * HYDROCARBON GAS, liquefied (DOT) * HYDROCARBON GAS, nonliquefied (DOT) * UN 1023 (DOT) * UN 1964 (DOT) * UN 1965 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS, liquefied CFRGBR 49,172.101,82
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.101,82
★ DOT-IMO:POISON A; LABEL:POISON GAS AND FLAMMABLE GAS CFRGBR 49,172.102,83

HYDROCARBON GAS, liquefied (DOT) see: MW3860000
HYDROCARBON GAS, nonliquefied (DOT) see: MW3860000

MW3864000 HYDROCELLULOSE

UPDT 8401 CAS: 9034-34-8
SYN: REGENERATED CELLULOSE

TUMORIGENIC DATA AND REFERENCES:
2V02V10 imp-rat TDLo:2 film disc/rat ZENBAX 7b,353,52

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDROCERIN see: FZ8400000
HYDROCHINON (Czech, Polish) see: MX3500000
HYDROCHLORBENZETHYLAMINE DIMALEATE see: KK2300000

MW4025000 HYDROCHLORIC ACID

UPDT 8408 CAS: 7647-01-0 MW: 36.46 MOLFM: Cl-H
SYN: ACIDE CHLORHYDRIQUE (French) * ACIDO CLORIDRICO (Italian) * CHLOORWATERSTOF (Dutch) * CHLOROHYDRIC ACID * CHLOROWODOR (Polish) * CHLORWASSERSTOFF (German) * HYDROCHLORIC ACID, anhydrous (DOT) * HYDROCHLORIC ACID (DOT) * HYDROCHLORIC ACID, solution, inhibited (DOT) * HYDROCHLORIDE * HYDROGEN CHLORIDE (DOT) * MURIATIC ACID * MURIATIC ACID (DOT) * SPIRITS of SALT * SPIRITS OF SALT (DOT) * UN 1050 (DOT) * UN 1789 (DOT)

MUTATION DATA AND REFERENCES:
dnr-esc 25 ug/well ENMUDM 3,429,81
sln-dmg-ihl 100 ppm/24H THAGA6 39,330,69
sln-dmg-orl 100 ppm THAGA6 39,330,69
cyt-grh-par 20 mg NULSAK 9,119,66

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T55 ihl-rat TCLo:450 mg/m3/1H (1D pre) AKGIAO 53(6),69,77

TOXICITY DATA AND REFERENCES:
ihl-hmn LCLo:1300 ppm/30M 29ZWAE -,207,68
unk-man LDLo:81 mg/kg 85DCAI 2,73,70
ihl-rat LC50:3124 ppm/1H AMRL** TR-74-78,74
3D35J26R03 ihl-mus LC50:1108 ppm/1H JCTODH 3,61,76
ipr-mus LD50:40 mg/kg COREAF 256,1043,63
orl-rbt LD50:900 mg/kg BIZEA2 134,437,23
ihl-rbt LCLo:4416 ppm/30M JIHTAB 24,222,42
ihl-gpg LCLo:4416 ppm/30M JIHTAB 24,222,42
ihl-mam LCLo:1000 mg/m3/2H JIHTAB 24,222,42

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARTODN 39,299,78; AOHYA3 17,159,74
★ TLV-CL 5 ppm DTLVS* 4,222,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 5 ppm (SCP-R) FEREAC 39,23540,74
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solution CFRGBR 49,172.101,82
★ DOT-IMO:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS, CORROSIVE CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0578-0146
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MW4030000 HYDROCHLORIC ACID (mixture)

UPDT 8310
SYN: HYDROCHLORIC ACID MIXTURE (DOT) * NA 1789 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

HYDROCHLORIC ACID DICARBOXIDE see: EK7770000
HYDROCHLORIC ACID DIMETHYLAMINE see: IQ0220000
HYDROCHLORIC ACID (DOT) see: MW4025000
HYDROCHLORIC ACID, anhydrous (DOT) see: MW4025000
HYDROCHLORIC ACID, solution, inhibited (DOT) see: MW4025000
HYDROCHLORIC ACID MIXTURE (DOT) see: MW4030000

MW4100000 HYDROCHLORIC ACID, mixed with NITRIC ACID (3:1)

UPDT 8308 CAS: 8007-56-5 MW: 99.48 MOLFM: Cl-H . H-N-O3
SYN: AQUA REGIA * NITROHYDROCHLORIC ACID, diluted (DOT) * NITROHYDROCHLORIC ACID (DOT) * NITROMURIATIC ACID (DOT) * UN 1798 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, diluted CFRGBR 49,172.101,82

HYDROCHLORIC ETHER see: KH7525000
HYDROCHLORIDE see: MW4025000
HYDROCHLORIDE BENZENAMIDE see: CY0875000
HYDROCHLORIDE of 1-PHENYLCYCLOPENTANECARBOXYLIC ACID DIETHYLAMINOETHYL ESTER see: GY3870000
HYDROCHLORID SALZ des p-N-n-BUTYLAMINO-BENZOESAURE-DIAETHYLAMINOAETHYLESTERS (German) see: DG4713000
HYDROCHLOROTHIAZID see: DK9100000
HYDROCHLOROTHIAZIDE see: DK9100000
HYDROCHLORTHIAZIDE see: DK9100000

MW4890000 HYDROCINNAMALDEHYDE

UPDT 8305 CAS: 104-53-0 MW: 134.19 MOLFM: C9-H10-O
SYN: BENZENEPROPANAL * BENZYLACETALDEHYDE * DIHYDROCINNAMALDEHYDE * HYDROCINNAMIC ALDEHYDE * 3-PHENYLPROPANAL * 3-PHENYL-1-PROPANAL * 3-PHENYLPROPIONALDEHYDE * beta-PHENYLPROPIONALDEHYDE * 3-PHENYLPROPYL ALDEHYDE

IRRITATION DATA AND REFERENCES:
skn-hmn 100% FCTXAV 12,967,74

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#05219

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MW4895000 HYDROCINNAMALDEHYDE, p-tert-BUTYL-alpha-METHYL-

UPDT 8305 CAS: 80-54-6 MW: 204.34 MOLFM: C14-H20-O
SYN: BENZENEPROPANAL, 4-(1,1-DIMETHYLETHYL)-alpha-METHYL- * p-tert-BUTYL-alpha-METHYLHYDROCINNAMALDEHYDE * p-tert-BUTYL-alpha-METHYLHYDROCINNAMIC ALDEHYDE * LILIAL * LILYAL * alpha-METHYL-p-(tert-BUTYL)HYDROCINNAMALDEHYDE * alpha-METHYL-beta-(p-tert-BUTYLPHENYL)PROPIONALDEHYDE * PROPIONALDEHYDE, beta-(4-tert-BUTYLPHENYL)-alpha-METHYL

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,659,78

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3700 mg/kg FCTXAV 16,659,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MW4895400 HYDROCINNAMALDEHYDE, 2,4-BIS(PHENYLMETHOXY)-beta-(3,4-DIMETHOXYPHENYL)-gamma-OXO-
UPDT:8408 CAS: 40321-74-2 MW: 496.59 MOLFM: C31-H28-O6
SYN: BENZENEPROPANAL, beta-(3,4-DIMETHOXYPHENYL)-gamma-OXO-2,4-BIS(PHENYLMETHOXY)- * 2,4-BIS(PHENYLMETHOXY)-beta-(3,4-DIMETHOXYPHENYL)-gamma-OXOHYDROCINNAMALDEHYDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:400 mg/kg (4D pre) IJEBA6 10,455,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MW4895500 HYDROCINNAMALDEHYDE, 2,4-BIS(PHENYLMETHOXY)-beta-(p-METHOXYPHENYL)-gamma-OXO-
UPDT:8408 CAS: 40321-70-8 MW: 466.56 MOLFM: C30-H26-O5
SYN: BENZENEPROPANAL, beta-(4-METHOXYPHENYL)-gamma-OXO-2,4-BIS(PHENYLMETHOXY)- * 2,4-BIS(PHENYLMETHOXY)-beta-(p-METHOXYPHENYL)-gamma-OXOHYDROCINNAMALDEHYDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:400 mg/kg (4D pre) IJEBA6 10,455,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MW4900000 HYDROCINNAMALDEHYDE, p-ISOPROPYL-alpha-METHYL-
UPDT:8305 CAS: 103-95-7 MW: 190.31 MOLFM: C13-H18-O
SYN: ALDEHYDE B * CYCLAMAL * CYCLAMEN ALDEHYDE * p-ISOPROPYL-alpha-METHYLHYDROCINNAMALDEHYDE * p-ISOPROPYL-alpha-METHYLHYDROCINNAMIC ALDEHYDE * p-ISOPROPYL-alpha-METHYLPHENYLPROPYL ALDEHYDE * alpha-METHYL-p-ISOPROPYLHYDROCINNAMALDEHYDE * 2-METHYL-3-(p-ISOPROPYLPHENYL)PROPIONALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-hmn 15 mg/48H MLD FCTXAV 12,397,74
TOXICITY DATA AND REFERENCES:
3F19F24R21 orl-rat LD50:3810 mg/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MW4905000 HYDROCINNAMALDEHYDE, p-ISOPROPYL-alpha-METHYL-, DIETHYL ACETAL
UPDT:8305 CAS: 7149-24-8 MW: 264.45 MOLFM: C17-H28-O2
SYN: CYCLAMEN ALDEHYDE DIETHYL ACETAL * alpha-METHYL-p-ISOPROPYL HYDROCINNAMIC ALDEHYDE DIETHYL ACETAL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,731,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MW4906100 HYDROCINNAMAMIDE, alpha-(BENZOYLAMINO)-N-BENZYL-4-(2-(DIMETHYLAMINO)ETHOXY)-, MONOHYDROCHLORIDE, (+-)-
UPDT:8412 CAS: 57227-64-2 MW: 482.07 MOLFM: C27-H31-N3-O3 Cl-H
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:73600 ug/kg USXXAM #4004008

MW4906200 HYDROCINNAMAMIDE, alpha-(BENZOYLAMINO)-4-(3-(4-BENZYL-1-PIPERAZINYL)PROPOXY)-N,N-DIPROPYL-, OXALATE, (+-)-
UPDT:8412 CAS: 57227-30-2 MW: 674.92 MOLFM: C36-H48-N4-O3 C2-H2-O4
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:110 mg/kg USXXAM #4004008

MW4906300 HYDROCINNAMAMIDE, alpha-(BENZOYLAMINO)-N-BUTYL-4-(2-(DIETHYLAMINO)ETHOXY)-, (+-)-
UPDT:8410 CAS: 57227-58-4 MW: 439.66 MOLFM: C26-H37-N3-O3
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:38 mg/kg USXXAM #4004008

MW4906400 HYDROCINNAMAMIDE, alpha-(BENZOYLAMINO)-N-BUTYL-4-(3-(4-METHYL-1-PIPERAZINYL)PROPOXY)-, OXALATE, (+-)-
UPDT:8410 CAS: 57227-57-3 MW: 570.76 MOLFM: C28-H40-N4-O3 C2-H2-O4
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:81400 ug/kg USXXAM #4004008

MW4906500 HYDROCINNAMAMIDE, alpha-(BENZOYLAMINO)-N-BUTYL-4-(2-(1-PYRROLIDINYL)ETHOXY)-, OXALATE, (+-)-
UPDT:8412 CAS: 57227-55-1 MW: 527.68 MOLFM: C26-H35-N3-O3 C2-H2-O4
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:35600 ug/kg USXXAM #4004008

MW4906600 HYDROCINNAMAMIDE, alpha-(BENZOYLAMINO)-4-(4-(DIETHYLAMINO)BUTOXY)-N,N-DIPROPYL-, OXALATE, (+-)-
UPDT:8412 CAS: 57227-20-0 MW: 585.82 MOLFM: C30-H45-N3-O3 C2-H2-O4
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:20100 ug/kg USXXAM #4004008

MW4906700 HYDROCINNAMAMIDE, alpha-(BENZOYLAMINO)-4-(2-(DIETHYLAMINO)ETHOXY)-, (+-)-
UPDT:8412 CAS: 57227-34-6 MW: 383.54 MOLFM: C22-H29-N3-O3
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:102 mg/kg USXXAM #4004008

MW4906800 HYDROCINNAMAMIDE, alpha-(BENZOYLAMINO)-4-(2-(DIETHYLAMINO)ETHOXY)-N,N-DIMETHYL-, OXALATE, (+-)-
UPDT:8412 CAS: 57227-38-0 MW: 501.64 MOLFM: C24-H33-N3-O3 C2-H2-O4
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:85300 ug/kg USXXAM #4004008

MW4906900 HYDROCINNAMAMIDE, alpha-(BENZOYLAMINO)-4-(2-(DIISOPROPYLAMINO)ETHOXY)-N,N-DIPROPYL-, OXALATE, (+-)-
UPDT:8412 CAS: 57227-13-1 MW: 585.82 MOLFM: C30-H45-N3-O3 C2-H2-O4
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:24400 ug/kg USXXAM #4004008

MW4907000 HYDROCINNAMAMIDE, alpha-(BENZOYLAMINO)-4-(2-(DIMETHYLAMINO)ETHOXY)-N,N-DIPROPYL-, OXALATE, (+-)-
UPDT:8412 MW: 529.70 MOLFM: C26-H37-N3-O3 C2-H2-O4
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:58100 ug/kg USXXAM #4004008

MW4907100 HYDROCINNAMAMIDE, alpha-(BENZOYLAMINO)-4-(2-(DIPROPYLAMINO)ETHOXY)-N,N-DIPROPYL-, OXALATE, (+-)-
UPDT:8412 CAS: 57227-15-3 MW: 585.82 MOLFM: C30-H45-N3-O3 C2-H2-O4
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:23 mg/kg USXXAM #4004008

MW4907200 HYDROCINNAMAMIDE, alpha-(BENZOYLAMINO)-N,N-DIPROPYL-4-(3-(4-(2-HYDROXYETHYL)-1-PIPERAZINYL) PROPOXY)-, OXALATE, (+-)-
UPDT:8412 CAS: 57327-80-7 MW: 628.85 MOLFM: C31-H46-N4-O4 C2-H2-O4
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:139 mg/kg USXXAM #4004008

MW4907300 HYDROCINNAMAMIDE, alpha-(BENZOYLAMINO)-N,N-DIPROPYL-4-(2-PIPERIDINOETHOXY)-, OXALATE, (+-)-
UPDT:8412 CAS: 57227-27-7 MW: 569.77 MOLFM: C29-H41-N3-O3 C2-H2-O4
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:36100 ug/kg USXXAM #4004008

MW4907400 HYDROCINNAMAMIDE, alpha-(BENZOYLAMINO)-N,N-DIPROPYL-4-(2-(1-PYRROLIDINYL)ETHOXY)-, OXALATE, (+-)-
UPDT:8412 CAS: 57227-25-5 MW: 555.74 MOLFM: C28-H39-N3-O3 C2-H2-O4
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:32600 ug/kg USXXAM #4004008

MW4930000 HYDROCINNAMANILIDE, N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYL-
UPDT:8406 CAS: 17307-24-3 MW: 338.54 MOLFM: C22-H30-N2-O
SYN: N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYLHYDROCINNAMANILIDE * SA 149
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:410 mg/kg APFRAD 40,231,82

HYDROCINNAMIC ACID, alpha-AMINO- see: AY7535000

MW5075000 HYDROCINNAMIC ACID, 3-AMINO-alpha-ETHYL-2,4,6-TRIIODO-
UPDT:8405 CAS: 96-83-3 MW: 570.94 MOLFM: C11-H12-I3-N-O2
SYN: 3-AMINO-alpha-ETHYL-2,4,6-TRIIODOHYDROCINNAMIC ACID * 2-(3-AMINO-2,4,6-TRIIODOBENZYL)BUTYRIC ACID * 3-(3-AMINO-2,4,6-TRIIODOPHENYL)-2-ETHYLPROPANOIC ACID * beta-(3-AMINO-2,4,6-TRIIODOPHENYL)-alpha-ETHYLPROPIONIC ACID * COPANOIC * 2-ETHYL-3-(3-AMINO-2,4,6-TRIIODOPHENYL)PROPIONIC ACID * IODOPANIC ACID * IODOPANOIC ACID * IOPANOIC ACID * JOPAGNOST * TELEPAQUE
TOXICITY DATA AND REFERENCES:
1F12 orl-rat LD50:1540 mg/kg TXAPA9 14,232,69
ipr-rat LD50:530 mg/kg TXAPA9 24,37,73
1F12 ivn-rat LD50:280 mg/kg TXAPA9 14,232,69
orl-mus LD50:6600 mg/kg JMCMAR 13,997,70
ipr-mus LD50:510 mg/kg TXAPA9 24,37,73
ivn-mus LD50:320 mg/kg JMCMAR 13,997,70

MW5083000 HYDROCINNAMIC ACID, beta-(AMINOMETHYL)-, BENZYL ESTER
UPDT:8406 MW: 267.35 MOLFM: C17-H17-N-O2
SYN: beta-(AMINOMETHYL)HYDROCINNAMIC ACID BENZYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:175 mg/kg FATOAO 46(1),54,83

MW5084200 HYDROCINNAMIC ACID, beta-(AMINOMETHYL)-p-CHLORO-
UPDT:8407 CAS: 1134-47-0 MW: 213.68 MOLFM: C10-H12-Cl-N-O2
SYN: gamma-AMINO-beta-(p-CHLOROPHENYL)BUTYRIC ACID * beta-(AMINOMETHYL)-p-CHLOROHYDROCINNAMIC ACID * beta-(AMINOMETHYL)-4-CHLOROBENZENEPROPANOIC ACID * Ba 34647 * BACLOFEN * BACLON * BENZENEPROPANOIC ACID, beta-(AMINOMETHYL)-4-CHLORO-(9CI) * C 34647Ba * beta-(4-CHLOROPHENYL)GABA * CIBA 34,647-Ba * LIORESAL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:145 mg/kg NIIRDN 6,576,82
* scu-rat LD50:115 mg/kg IYKEDH 11,181,80
* ivn-rat LD50:78 mg/kg IYKEDH 11,181,80
* orl-mus LD50:200 mg/kg NIIRDN 6,576,82
* scu-mus LD50:103 mg/kg IYKEDH 11,181,80
* ivn-mus LD50:45 mg/kg IYKEDH 11,181,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MW5084500 HYDROCINNAMIC ACID, beta-(AMINOMETHYL)-, ETHYL ESTER
UPDT:8406 MW: 207.30 MOLFM: C12-H17-N-O2
SYN: beta-(AMINOMETHYL)HYDROCINNAMIC ACID ETHYL ESTER * BUTYRIC ACID, 4-AMINO-3-PHENYL-, ETHYL ESTER * ETHYL ESTER OF PHENIGAMA
TOXICITY DATA AND REFERENCES:
1F17 ipr-mus LD50:230 mg/kg RPTOAN 31,99,68

MW5086000 HYDROCINNAMIC ACID, beta-(AMINOMETHYL)-, ISOPROPYL ESTER
UPDT:8406 MW: 221.33 MOLFM: C13-H19-N-O2
SYN: beta-(AMINOMETHYL)HYDROCINNAMIC ACID ISOPROPYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:186 mg/kg FATOAO 46(1),54,83

MW5087000 HYDROCINNAMIC ACID, beta-(AMINOMETHYL)-, METHYL ESTER
UPDT:8406 MW: 193.27 MOLFM: C11-H15-N-O2
SYN: beta-(AMINOMETHYL)HYDROCINNAMIC ACID METHYL ESTER * BUTYRIC ACID, 4-AMINO-3-PHENYL-, METHYL ESTER * METHYL ESTER of PHENIGAMA
TOXICITY DATA AND REFERENCES:
1F17 ipr-mus LD50:230 mg/kg RPTOAN 31,99,68

MW5087100 HYDROCINNAMIC ACID, beta-(AMINOMETHYL)-, PROPYL ESTER
UPDT:8408 MW: 221.33 MOLFM: C13-H19-N-O2
SYN: beta-(AMINOMETHYL)HYDROCINNAMIC ACID PROPYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:217 mg/kg FATOAO 46(1),54,83

MW5087200 HYDROCINNAMIC ACID, beta-(AMINOMETHYL)-, UNDECYL ESTER
UPDT:8408 MW: 333.57 MOLFM: C21-H35-N-O2
SYN: beta-(AMINOMETHYL)HYDROCINNAMIC ACID UNDECYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:219 mg/kg FATOAO 46(1),54,83

MW5089000 HYDROCINNAMIC ACID, 3-AMINO-2,4,6-TRIIODO-
UPDT:8408 MW: 542.88 MOLFM: C9-H8-I3-N-O2
SYN: 3-AMINO-2,4,6-TRIIODOHYDROCINNAMIC ACID * beta-(2,4,6-TRIJOD-3-AMINOPHENYL)PROPIONSAEURE (German)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3100 mg/kg PHARAT 16,389,61

MW5095000 HYDROCINNAMIC ACID, p-(BIS(2-CHLOROETHYL)AMINO)-
UPDT:8401 CAS: 6746-11-8 MW: 290.21 MOLFM: C13-H17-Cl2-N-O2
SYN: p-(BIS(2-CHLOROETHYL)AMINO)HYDROCINNAMIC ACID * 3-(p-BIS(2-CHLOROETHYL)AMINO)PHENYL)PROPIONIC ACID * CB 1332 * p-N,N-DI-(2-CHLOROETHYL)AMINOPHENYLPROPIONIC ACID
MUTATION DATA AND REFERENCES:
sln-dmg-par 3 mmol/L GENRA8 1,173,60
sln-dmg-unk 10 mmol/L ANYAA9 160,228,69
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

MW5110000 HYDROCINNAMIC ACID, p-CHLORO-beta,beta-DIMETHYL-
UPDT:8303 MW: 212.69 MOLFM: C11-H13-Cl-O2
SYN: p-CHLORO-beta,beta-DIMETHYL HYDROCINNAMIC ACID
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:707 mg/kg FRPSAX 16,23,61

MW5142000 HYDROCINNAMIC ACID, 2-(3,4-DICHLORO-N-METHYLBENZAMIDO)-
UPDT:8305 MW: 352.23 MOLFM: C17-H15-Cl2-N-O3
SYN: 2-(3,4-DICHLORO-N-METHYLBENZAMIDO)HYDROCINNAMIC ACID
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1092 mg/kg JPMSAE 71,796,82

MW5150000 HYDROCINNAMIC ACID, 3,5-DIIODO-4-HYDROXY-alpha-PHENYL-
UPDT:8405 CAS: 577-91-3 MW: 494.07 MOLFM: C15-H12-I2-O3
SYN: BILIOGNOST * BILISELECTAN * 3,5-DIIODO-alpha-PHENYLPHLORETIC ACID * DIKOL * beta-(4-HYDROXY-3,5-DIIODOPHENYL)-alpha-PHENYLPROPIONIC ACID * IODOALPHIONIC ACID * IODOBIL * JODOBIL * PHENIODOL * PRIODAX * PROPIONIC ACID, 3-(3,5-DIIODO-4-HYDROXYPHENYL)-2-PHENYL- * TENICID
TOXICITY DATA AND REFERENCES:
3F12F25J22 ipr-rat LD50:510 mg/kg JAPMA8 42,476,53
3F12F25J22 orl-mus LD50:2950 mg/kg JAPMA8 42,476,53
3F12F25J22 ipr-mus LD50:640 mg/kg JAPMA8 42,476,53
ivn-mus LD50:400 mg/kg JMCMAR 13,997,70
3F12F25J22 ipr-gpg LD50:930 mg/kg JAPMA8 42,476,53

MW5150500 HYDROCINNAMIC ACID, 3,4-DIMETHOXY-alpha-PHENYL-, HYDRAZIDE
UPDT:8408 CAS: 58973-45-8 MW: 300.39 MOLFM: C17-H20-N2-O3
SYN: BENZENEPROPANOIC ACID, 3,4-DIMETHOXY-alpha-PHENYL-, HYDRAZIDE * 3,4-DIMETHOXY-alpha-PHENYLHYDROCINNAMIC ACID HYDRAZIDE
TOXICITY DATA AND REFERENCES:
3C08F19F25 ipr-mus LD50:600 mg/kg IJEBA6 14,166,76

MW5158000 HYDROCINNAMIC ACID, alpha,alpha-DIMETHYL-
UPDT 8303 CAS: 5669-14-7 MW: 178.25 MOLFM: C11-H14-O2
SYN: BENZENEPROPANOIC ACID, alpha,alpha-DIMETHYL- (9CI) * BENZYLDIMETHYLACETIC ACID * alpha,alpha-DIMETHYLBENZENEPROPANOIC ACID * alpha,alpha-DIMETHYLHYDROCINNAMIC ACID
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:740 mg/kg FRPSAX 16,23,61

MW5158500 HYDROCINNAMIC ACID, alpha,beta-DIMETHYL-
UPDT 8303 CAS: 19731-91-0 MW: 178.25 MOLFM: C11-H14-O2
SYN: alpha,beta-DIMETHYL-HYDROCINNAMIC ACID
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:1210 mg/kg FRPSAX 16,23,61

MW5158800 HYDROCINNAMIC ACID, beta,beta-DIMETHYL-
UPDT 8303 CAS: 1010-48-6 MW: 178.25 MOLFM: C11-H14-O2
SYN: BENZENEPROPANOIC ACID, beta,beta-DIMETHYL- (9CI) * beta,beta-DIMETHYLHYDROCINNAMIC ACID * 3-PHENYLISOPENTANOIC ACID * beta-PHENYLISOVALERIC ACID
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:1550 mg/kg FRPSAX 16,23,61

MW5175000 HYDROCINNAMIC ACID, 3-(((DIMETHYLAMINO)METHYLENE)AMINO)-2,4,6-TRIIODO-, CALCIUM SALT (2:1)
UPDT 8405 MW: 1234.00 MOLFM: C24-H24-I6-N4-O4 Ca
SYN: 3-(((DIMETHYLAMINO)METHYLENE)AMINO) 2,4,6-TRIIODOHYDROCINNAMIC ACID CALCIUM SALT (2:1) * beta-(2,4,6-TRIJOD-3-DIMETHYLAMINOMETHYLENAMINO-PHENYL)-PROPIONSAEURE Ca SALZ (German)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3900 mg/kg PHARAT 16,389,61

MW5200000 HYDROCINNAMIC ACID, 3-((DIMETHYLAMINOMETHYLENE)AMINO)-2,4,6-TRIIODO-, SODIUM SALT
UPDT 8405 CAS: 1221-56-3 MW: 619.95 MOLFM: C12-H12-I3-N2-O2 Na
SYN: BENZENEPROPANOIC ACID, 3-(((DIMETHYLAMINO)METHYLENE)AMINO)-2,4,6-TRIIODO-, SODIUM SALT * BILIMIN * BILOPTIN * BILOPTINON * 3-((DIMETHYLAMINOMETHYLENE)AMINO)-2,4,6-TRIIODOHYDROCINNAMIC ACID SODIUM SALT * IOPODATE SODIUM * IPODATE SODIUM * NSC-106962 * ORAGRAFIN SODIUM * SH 514 * SODIUM 3-(DIMETHYLAMINOMETHYLENEAMINO)-2,4,6-TRIIODOHYDROCINNAMATE * SODIUM IOPODATE * SODIUM IPODATE * SODIUM SALT of 3-(3-DIMETHYLAMINOMETHYLENEAMINO-2,4,6-TRIIODOPHENYL)PROPIONIC ACID * SODIUM TRIIODOHYDROCINNAMATE * SQ 15761 * beta-(2,4,6-TRIJOD-3-DIMETHYLAMINOMETHYLENAMINO-PHENYL) PROPIONSAEURE (German)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2500 mg/kg FRPPAO 31,397,76
ivn-rat LD50:303 mg/kg FRPPAO 31,397,76
* orl-mus LD50:1100 mg/kg KHFZAN 14(12),62,80
ivn-mus LD50:290 mg/kg JMCMAR 13,997,70
ivn-dog LDLo:300 mg/kg FRPPAO 31,397,76

MW5250000 HYDROCINNAMIC ACID, alpha,beta-EPOXY-beta-METHYL-, ETHYL ESTER
UPDT 8405 CAS: 77-83-8 MW: 206.26 MOLFM: C12-H14-O3
SYN: C-16 ALDEHYDE * EMPG * alpha,beta-EPOXY-beta-METHYLHYDROCINNAMIC ACID, ETHYL ESTER * ETHYL alpha,beta-EPOXY-beta-METHYLHYDROCINNAMATE * ETHYL 2,3-EPOXY-3-METHYL-3-PHENYLPROPIONATE * ETHYL ESTER of 2,3-EPOXY-3-PHENYLBUTANOIC ACID * ETHYL METHYLPHENYLGLYCIDATE * FRAESEOL * 3-METHYL-3-PHENYLGLYCIDIC ACID ETHYL ESTER * STRAWBERRY ALDEHYDE
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:450 mg/kg/8W-I CNREA8 33,3069,73
TOXICITY DATA AND REFERENCES:
3D35F07R21 orl-rat LD50:5470 mg/kg FCTXAV 2,327,64
2F07K30 orl-gpg LD50:4050 mg/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MW5258000 HYDROCINNAMIC ACID, alpha-ETHYL-
UPDT 8303 MW: 178.25 MOLFM: C11-H14-O2
SYN: alpha-ETHYL-HYDROCINNAMIC ACID
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:1068 mg/kg FRPSAX 16,23,61

MW5258500 HYDROCINNAMIC ACID, beta-ETHYL-
UPDT 8303 CAS: 5669-17-0 MW: 178.25 MOLFM: C11-H14-O2
SYN: BENZENEPROPANOIC ACID, beta-ETHYL- (9CI) * beta-ETHYLHYDROCINNAMIC ACID * 3-PHENYLVALERIC ACID
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:748 mg/kg FRPSAX 16,23,61

MW5259200 HYDROCINNAMIC ACID, alpha-ETHYL-3-(2-(ETHYL(2-HYDROXYETHYL)AMINO)ACETAMIDO)-2,4,6-TRIIODO-
UPDT 8308 MW: 684.12 MOLFM: C17-H23-I3-N2-O3
SYN: alpha-ETHYL-3-(2-(ETHYL(2-HYDROXYETHYL)AMINO)ACETAMIDO)-2,4,6-TRIIODOHYDROCINNAMIC ACID * 2-(3-(N-ETHYL-2-HYDROXYETHYL)AMINO ACETAMIDO-2,4,6-TRIIODOBENZYL) BUTYRIC ACID * RCK-136
TOXICITY DATA AND REFERENCES:
1C18 ivn-rat LD50:390 mg/kg INVRAV 16,513,81
1C18 ivn-mus LD50:210 mg/kg INVRAV 16,513,81

MW5280000 HYDROCINNAMIC ACID, alpha-ETHYL-3-HYDROXY-2,4,6-TRIIODO-
UPDT 8405 CAS: 96-84-4 MW: 571.92 MOLFM: C11-H11-I3-O3
SYN: alpha-ETHYL-3-HYDROXY-2,4,6-TRIIODOHYDROCINNAMIC ACID * alpha-ETHYL-beta-(3-HYDROXY-2,4,6-TRIIODOPHENYL)PROPIONIC ACID * IOPHENOXIC ACID * TERIDAX * TRIIODOETHIONIC ACID * alpha-(2,4,6-TRIIODO-3-HYDROXYBENZYL)BUTYRIC ACID
TOXICITY DATA AND REFERENCES:
3F12F25J22 ipr-rat LD50:648 mg/kg JAPMA8 42,476,53
3F12F25J22 orl-mus LD50:1850 mg/kg JAPMA8 42,476,53
3F12F25J22 ipr-mus LD50:440 mg/kg JAPMA8 42,476,53
ivn-mus LD50:374 mg/kg JMCMAR 13,997,70
2G08J25 ivn-dog LD50:203 mg/kg JAPMA8 42,476,53
3F12F25J22 ipr-gpg LD50:570 mg/kg JAPMA8 42,476,53

MW5284000 HYDROCINNAMIC ACID, alpha-ETHYL-3-(3-OXOMORPHOLINO)-2,4,6-TRIIODO-, SODIUM SALT
UPDT 8403 CAS: 21762-16-3 MW: 677.00 MOLFM: C15-H15-I3-N-O4 Na
SYN: alpha-ETHYL-3-(3-OXOMORPHOLINO)-2,4,6-TRIIODOHYDROCINNAMIC ACID SODIUM SALT
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1650 mg/kg PHARAT 30,78,75
* ivn-mus LD50:650 mg/kg PHARAT 30,78,75

MW5284500 HYDROCINNAMIC ACID, alpha-ETHYL-3-(2-OXOPIPERIDINO)-2,4,6-TRIIODO-, SODIUM SALT
UPDT 8403 CAS: 21762-18-5 MW: 675.03 MOLFM: C16-H17-I3-N-O3 Na
SYN: alpha-ETHYL-3-(2-OXOPIPERIDINO)-2,4,6-TRIIODOHYDROCINNAMIC ACID SODIUM SALT
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1200 mg/kg PHARAT 30,78,75
* ivn-mus LD50:2000 mg/kg PHARAT 30,78,75

MW5285000 HYDROCINNAMIC ACID, alpha-ETHYL-3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODO-, SODIUM SALT
UPDT 8403 CAS: 21838-49-3 MW: 661.00 MOLFM: C15-H15-I3-N-O3 Na
SYN: alpha-ETHYL-3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODOHYDROCINNAMIC ACID SODIUM SALT
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1700 mg/kg PHARAT 30,78,75
* ivn-mus LD50:590 mg/kg PHARAT 30,78,75

MW5298000 HYDROCINNAMIC ACID, alpha-HYDRAZINO-3,4-DIHYDROXY-alpha-METHYL-, L-
UPDT 8305 CAS: 28860-95-9 MW: 226.26 MOLFM: C10-H14-N2-O4
SYN: N-AMINOMETHYLDOPA * BENZENEPROPANOIC ACID, alpha-HYDRAZINO-3,4-DIHYDROXY-alpha-METHYL-, (S)- (9CI) * CARBIDOPA * HYDRAZINO-alpha-METHYLDOPA * alpha-METHYLDOPAHYDRAZINE * L-alpha-METHYLDOPAHYDRAZINE * MK 486
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T59 orl-rat TDLo:2100 mg/kg (1-21D preg) TXAPA9 38,251,76
1T13 orl-rat TDLo:2880 mg/kg (90D pre) TXAPA9 66,201,82
1T02 orl-rat TDLo:5850 mg/kg (90D male) TXAPA9 66,201,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MW5340000 HYDROCINNAMIC ACID, m-HYDROXY-
UPDT 8305 CAS: 621-54-5 MW: 166.19 MOLFM: C9-H10-O3
SYN: BENZENEPROPANOIC ACID, 3-HYDROXY- (9CI) * beta-(m-HYDROXYPHENYL)PROPIONIC ACID * beta-(3-HYDROXYPHENYL)PROPIONIC ACID * m-HYDROXYPHENYLPROPIONIC ACID * 3-HYDROXYPHENYLPROPIONIC ACID * 3-(m-HYDROXYPHENYL)PROPIONIC ACID * 3-(3-HYDROXYPHENYL)PROPIONIC ACID
TOXICITY DATA AND REFERENCES:
3F05F07U26 ipr-mus LD50:308 mg/kg OYYAA2 24,325,82

HYDROCINNAMIC ACID, o-HYDROXY-, delta-LACTONE see: MW5775000
HYDROCINNAMIC ACID, beta-ISOPENTYL-beta-METHYL- see: MJ2020000

MW5540200 HYDROCINNAMIC ACID, p-METHOXY-alpha-(4-METHOXYPHENYL)-, HYDRAZIDE
UPDT 8408 CAS: 58973-46-9 MW: 300.39 MOLFM: C17-H20-N2-O3
SYN: BENZENEPROPANOIC ACID, 4-METHOXY-alpha-(4-METHOXYPHENYL)-, HYDRAZIDE (9CI) * p-METHOXY-alpha-(4-METHOXYPHENYL)HYDROCINNAMIC ACID HYDRAZIDE
TOXICITY DATA AND REFERENCES:
3C08F19F25 ipr-mus LD50:700 mg/kg IJEBA6 14,166,76

MW5540400 HYDROCINNAMIC ACID, alpha-(p-METHOXYPHENYL)-, HYDRAZIDE
UPDT 8408 CAS: 58973-43-6 MW: 270.36 MOLFM: C16-H18-N2-O2
SYN: BENZENEPROPANOIC ACID, alpha-(4-METHOXYPHENYL)-, HYDRAZIDE * alpha-(p-METHOXYPHENYL)HYDROCINNAMIC ACID HYDRAZIDE
TOXICITY DATA AND REFERENCES:
3C08F19F25 ipr-mus LD50:350 mg/kg IJEBA6 14,166,76

MW5540600 HYDROCINNAMIC ACID, p-METHOXY-alpha-PHENYL-, HYDRAZIDE
UPDT 8408 CAS: 58973-44-7 MW: 270.36 MOLFM: C16-H18-N2-O2
SYN: BENZENEPROPANOIC ACID, 4-METHOXY-alpha-PHENYL-, HYDRAZIDE * p-METHOXY-alpha-PHENYLHYDROCINNAMIC ACID HYDRAZIDE
TOXICITY DATA AND REFERENCES:
3C08F19F25 ipr-mus LD50:600 mg/kg IJEBA6 14,166,76

MW5580000 HYDROCINNAMIC ACID, 2-(N-METHYLBENZAMIDO)-
UPDT 8305 MW: 283.35 MOLFM: C17-H17-N-O3
SYN: 2-(N-METHYLBENZAMIDO)HYDROCINNAMIC ACID
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1502 mg/kg JPMSAE 71,796,82

MW5603700 HYDROCINNAMIC ACID, alpha-PHENYL-, HYDRAZIDE
UPDT 8408 CAS: 58973-42-5 MW: 240.33 MOLFM: C15-H16-N2-O
SYN: BENZENEPROPANOIC ACID, alpha-PHENYL-, HYDRAZIDE * alpha-PHENYLHYDROCINNAMIC ACID HYDRAZIDE
TOXICITY DATA AND REFERENCES:
3C08F19F25 ipr-mus LD50:350 mg/kg IJEBA6 14,166,76

MW5603800 HYDROCINNAMIC ACID, beta-PHENYL-, HYDRAZIDE
UPDT 8408 CAS: 58973-41-4 MW: 240.33 MOLFM: C15-H16-N2-O
SYN: BENZENEPROPANOIC ACID, beta-PHENYL-, HYDRAZIDE * beta-PHENYLHYDROCINNAMIC ACID HYDRAZIDE
TOXICITY DATA AND REFERENCES:
3C08F19F25 ipr-mus LD50:40 mg/kg IJEBA6 14,166,76

HYDROCINNAMIC ALCOHOL see: UB8970000
HYDROCINNAMIC ALDEHYDE see: MW4890000

MW5604750 HYDROCINNAMONITRILE
UPDT 8412 CAS: 645-59-0 MW: 131.19 MOLFM: C9-H9-N
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:116 mg/kg ARTODN 55,47,84

HYDROCINNAMYL ACETATE see: UB9000000
HYDROCINNAMYL ALCOHOL see: UB8970000
HYDROCINNAMYL FORMATE see: UB9300000
HYDROCINNAMYL ISOBUTYRATE see: NQ5440000
HYDROCINNAMYL PROPIONATE see: UB9338400
HYDROCOBALT TETRACARBONYL see: GG0900000
HYDROCODIN see: QD1680000
HYDROCODONE see: QD2800000
HYDRO-COLISONA see: GM8925000
17-alpha-HYDROCORTICOSTERONE 21-ACETATE see: GM8960000
HYDROCORTISAT see: GM8960000
HYDROCORTISONE see: GM8925000
11-beta-HYDROCORTISONE see: GM8925000
delta(sup 1)-HYDROCORTISONE see: TU4152000
HYDROCORTISONE ACETATE see: GM8960000
HYDROCORTISONE 21-ACETATE see: GM8960000
HYDROCORTISONE BUTYRATE see: GM9002000
HYDROCORTISONE 17-BUTYRATE see: GM9002000
HYDROCORTISONE 17-alpha-BUTYRATE see: GM9002000
HYDROCORTISONE BUTYRATE PROPIONATE see: GM9003000
HYDROCORTISONE 17-BUTYRATE 21-PROPIONATE see: GM9003000
HYDROCORTISONE FREE ALCOHOL see: GM8925000
HYDROCORTISONE SODIUM SUCCINATE see: GM9015000
HYDROCORTISONE 21-SODIUM SUCCINATE see: GM9015000
HYDROCORTISTAB see: GM8925000
HYDROCORTISTAB see: GM8960000
HYDROCORTISYL see: GM8925000
HYDROCORTONE see: GM8925000
HYDROCORTONE ACETATE see: GM8960000
HYDROCOTYLE JAVANICA Thunb. var. PODANTHA Molken, extract see: MW5770000
HYDROCOTYLEPODANTHA Molken, extract

MW5770000 HYDROCOTYLE PODANTHA Molken, extract
DEF: Indian plant belonging to the family UMBELLIFERAE (IJEBA6 15,208,77)
UPDT 8408
SYN: GOLPATTA, extract * HYDROCOTYLE JAVANICA Thunb. var. PODANTHA Molken, extract
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

MW5775000 HYDROCOUMARIN
UPDT 8412 CAS: 119-84-6 MW: 148.17 MOLFM: C9-H8-O2
SYN: 1,2-BENZODIHYDROPYRONE * 2-CHROMANONE * CHROMAN, 2-OXO- * COUMARIN, 3,4-DIHYDRO- * DIHYDROCOUMARIN * 3,4-DIHYDROCOUMARIN * HYDROCINNAMIC ACID, o-HYDROXY-, delta-LACTONE * MELILOTIN * MELILOTINE * MELILOTOL * NCI-C55890 * USAF DO-12
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,521,74
skn-gpg 1%/48H MOD JSCCA5 28,357,77
TOXICITY DATA AND REFERENCES:
1F07 orl-rat LD50:1460 mg/kg FCTXAV 2,327,64
ipr-mus LD50:200 mg/kg NTIS** AD277-689
1F07 orl-gpg LD50:1760 mg/kg FCTXAV 2,327,64
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PMDCAY 10,85,74

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

MW5776000 HYDROCOUMARIN, 6-ACETAMIDO-3-(1-PYRROLIDINYLCARBONYL)-
UPDT:8408 CAS: 20862-53-7 MW: 302.36 MOLFM: C16-H18-N2-O4
SYN: 6-ACETAMIDO-3-(1-PYRROLIDINYLCARBONYL)HYDROCOUMARIN
TOXICITY DATA AND REFERENCES:

2F05F17	scu-mus LD50:900 mg/kg	YKKZAJ 88,755,68

MW5777000 HYDROCOUMARIN, 3-(PIPERIDINOCARBONYL)-
UPDT:8408 CAS: 18144-60-0 MW: 259.33 MOLFM: C15-H17-N-O3
SYN: 3-(PIPERIDINOCARBONYL)HYDROCOUMARIN
TOXICITY DATA AND REFERENCES:

2F05F17	scu-mus LD50:570 mg/kg	YKKZAJ 88,755,68

MW5778000 HYDROCOUMARIN, 3-(1-PYRROLIDINYLCARBONYL)-
UPDT:8408 CAS: 18186-69-1 MW: 245.30 MOLFM: C14-H15-N-O3
SYN: 3-(1-PYRROLIDINYLCARBONYL)HYDROCOUMARIN
TOXICITY DATA AND REFERENCES:

2F05F17	scu-mus LD50:600 mg/kg	YKKZAJ 88,755,68

HYDROCUPREINE, ETHYL ESTER, HYDROCHLORIDE see: MW6300000

MW6300000 HYDROCUPREINE, O-ETHYL-, HYDROCHLORIDE
UPDT:8403 CAS: 3413-58-9 MW: 376.97 MOLFM: C21-H28-N2-O2 Cl-H
SYN: ETHYLHYDROCUPREINE HYDROCHLORIDE * HYDROCUPREINE, ETHYL ESTER, HYDROCHLORIDE * NEUMOLISINA * NUMOQUIN HYDROCHLORIDE * OPTOCHIN HYDROCHLORIDE * OPTOQUINHYDROCHLORIDE * RHOMBIC
TOXICITY DATA AND REFERENCES:

2D14H04	ivn-man TDLo:31 mg/kg/3D	JPETAB 8,53,16
	scu-mus LDLo:500 mg/kg	JPETAB 8,53,16
	unk-frg LDLo:300 mg/kg	JPETAB 8,53,16

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MW6650000 HYDROCUPREINE, O(SUP 6')-ISOPENTYL-
UPDT:8408 CAS: 1301-42-4 MW: 382.60 MOLFM: C24-H34-N2-O2
SYN: (9R)-10,11-DIHYDRO-6'-(3-METHYLBUTOXY)CINCHONAN-9-OL * 10,11-DIHYDRO-6'-(3-METHYLBUTOXY)CINCHONAN-9-OL * EUCUPIN * EUCUPINE * EUPROCIN * HYDROCUPREINE ISOPENTYL ETHER * ISOAMYLHYDROCUPREINE * ISOPENTYLHYDROCUPREINE
TOXICITY DATA AND REFERENCES:

*	scu-mus LDLo:300 mg/kg	MEIEDD 10,563,83
*	ivn-rbt LDLo:13 mg/kg	MEIEDD 10,563,83

HYDROCUPREINE ISOPENTYL ETHER see: MW6650000

MW6825000 HYDROCYANIC ACID
UPDT:8412 CAS: 74-90-8 MW: 27.03 MOLFM: C-H-N
SYN: ACIDE CYANHYDRIQUE (French) * ACIDO CIANIDRICO (Italian) * AERO LIQUID HCN * BLAUSAEURE (German) * BLAUWZUUR (Dutch) * CYAANWATERSTOF (Dutch) * CYANWASSERSTOFF (German) * CYCLON * CYCLONE B * CYJANOWODOR (Polish) * FLUOHYDRIC ACID GAS * HCN * HYDROCYANIC ACID, LIQUEFIED (DOT) * HYDROCYANIC ACID (PRUSSIC), unstabilized (DOT) * HYDROGEN CYANIDE * HYDROGEN CYANIDE, anhydrous, stabilized (DOT) * PRUSSIC ACID (DOT) * PRUSSIC ACID, UNSTABILIZED * NA 1051 (DOT) * HYDROFLUORIC ACID GAS * PRUSSIC ACID * RCRA WASTE NUMBER P063 * UN 1051 (DOT) * UN 1614 (DOT) * ZACLONDISCOIDS
TOXICITY DATA AND REFERENCES:

	orl-hmn LDLo:570 ug/kg	PCOC** -,596,66
	ihl-hmn LCLo:120 mg/m3/1H	JIHTAB 24,255,42
	ihl-hmn LCLo:200 mg/m3/10M	WHOTAC -,30,70
*	ihl-man LCLo:400 mg/m3/2M	85GMAT -,75,82
	scu-hmn LDLo:1 mg/kg	SCJUAD 4,33,67
	ivn-hmn LD50:1 mg/kg	SCJUAD 4,33,67
	unk-man LDLo:1471 ug/kg	85DCAI 2,73,70
	orl-rat LDLo:10 mg/kg	HBAMAK 4,1340,35
	ihl-rat LC50:484 ppm/5M	TXAPA9 42,417,77
	ivn-rat LD50:810 ug/kg	NTIS** AD-A028-501
	orl-mus LD50:3700 ug/kg	APFRAD 19,740,61
	ihl-mus LC50:323 ppm/5M	TXAPA9 42,417,77
	ipr-mus LD50:2990 ug/kg	BJPCAL 23,455,64
	scu-mus LDLo:3 mg/kg	HBAMAK 4,1340,35
	ivn-mus LD50:990 ug/kg	NTIS** AD-A028-501
	ims-mus LD50:2700 ug/kg	BJPCAL 23,455,64
	orl-dog LDLo:4 mg/kg	HBAMAK 4,1340,35
	ihl-dog LC50:616 mg/m3/1M	NTIS** AD-A028-501
	scu-dog LDLo:1700 ug/kg	HBAMAK 4,1340,35
	ivn-dog LD50:1340 ug/kg	NTIS** AD-A028-501
	ihl-mky LC50:1616 mg/m3/1M	NTIS** AD-A028-501
	ivn-mky LD50:1300 ug/kg	NTIS** AD-A028-501
	ihl-cat LC50:1226 mg/m3/1M	NTIS** AD-A028-501
	scu-cat LDLo:1100 ug/kg	HBAMAK 4,1340,35
	ivn-cat LD50:810 ug/kg	NTIS** AD-A028-501
	orl-rbt LDLo:4 mg/kg	HBAMAK 4,1340,35
	ihl-rbt LC50:980 mg/m3/1M	NTIS** AD-A028-501
	ipr-rbt LD50:1570 ug/kg	BJPCAL 23,455,64
	scu-rbt LD50:2500 ug/kg	BJPCAL 23,455,64
	ivn-rbt LD50:660 ug/kg	NTIS** AD-A028-501
*	ims-rbt LD50:486 ug/kg	JACTDZ 1(3),120,82
3D35F19J26	ocu-rbt LD50:1040 ug/kg	JTOTDO 2,119,83
*	orl-pig LDLo:2 mg/kg	AEHLAU 22,496,71
	ihl-pig LC50:1740 mg/m3/1M	NTIS** AD-A028-501
	ihl-gpg LC50:2112 mg/m3/1M	NTIS** AD-A028-501
	scu-gpg LDLo:100 ug/kg	HBAMAK 4,1340,35
	ivn-dog LD50:1430 ug/kg	NTIS** AD-A028-501
	scu-frg LDLo:60 mg/kg	HBAMAK 4,1340,35
	ihl-dom LC50:1441 mg/m3/1M	NTIS** AD-A028-501
	ihl-mam LCLo:200 ppm/5M	AEPPAE 138,65,28
	scu-brd LDLo:100 ug/kg	HBAMAK 4,1340,35

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,163,75; FNSCA6 2,67,73; JOCMA7 1,281,59
★ TLV-CL 10 ppm DTLVS* 4,222,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ppm (skin) (SCP-T) FEREAC 39,23540,74
★ DOT-HAZARD:POISON A; LABEL:POISON GAS AND FLAMMABLE GAS CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:POISON (UN 1614) CFRGBR 49,172.102,83
★ DOT-IMO:POISON B; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO HYDROGEN CYANIDE recm std-air:CL 5 mg(CN)/m3/10M NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7904
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MW6830000 HYDROCYANIC ACID, less than 5%
UPDT:8308 MW: 27.03 MOLFM: C-H-N
SYN: HYDROCYANIC ACID (DOT) * UN 1613 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82

MW6840000 HYDROCYANIC ACID, not more than 20%
UPDT:8312 MW: 27.03 MOLFM: C-H-N
SYN: HYDROCYANIC ACID aqueous solution, with not more than 20% HYDROCYANIC ACID (DOT) * HYDROCYANIC ACID (PRUSSIC)SOLUTION * UN 1613 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
★ DOT-IMO:POISON A; LABEL:POISON GAS AND FLAMMABLE GAS CFRGBR 49,172.102,83

HYDROCYANIC ACID (DOT) see: MW6830000
HYDROCYANIC ACID aqueous solution, with not more than 20% HYDROCYANIC ACID (DOT) see: MW6840000
HYDROCYANIC ACID, LIQUEFIED (DOT) see: MW6825000
HYDROCYANIC ACID, POTASSIUM SALT see: TS8750000
HYDROCYANIC ACID (PRUSSIC), unstabilized (DOT) see: MW6825000
HYDROCYANIC ACID (PRUSSIC)SOLUTION see: MW6840000

MW7050000 HYDROCYANIC ACID, SALTS
UPDT:8404
SYN: CYANIDE or CYANIDE mixture, dry (DOT) * CYANIDES * CYANIDE, solution (DOT) * UN 1588 (DOT) * UN 1935 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON, dry CFRGBR 49,172.101,82
★ DOT-HAZARD:POISON B; LABEL:POISON, solution CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7904

HYDROCYANIC ACID, SODIUM SALT see: VZ7525000
HYDROCYANIC ETHER see: UF9625000
HYDROCYCLIN see: QI8225000
HYDRODARCO see: FF5250100
HYDRODELTALONE see: TU4152000
HYDRODELTISONE see: TU4152000
HYDRODIISOBUTYLALUMINUM see: BD0710000
HYDRODIURETIC see: DK9100000
HYDRO-DIURIL see: DK9100000
17-beta-HYDROESTR-4-EN-3-ONE see: KG7964000
HYDROFLUMETHIAZIDE see: DK9625000
HYDROFLUOBORIC ACID see: ED2685000

MW7875000 HYDROFLUORIC ACID
UPDT:8406 CAS: 7664-39-3 MW: 20.01 MOLFM: F-H
SYN: ACIDE FLUORHYDRIQUE (French) * ACIDO FLUORIDRICO (Italian) * ANHYDROUS HYDROFLUORIC ACID (DOT) * FLUOROWODOR (Polish) * FLUORWASSERSTOFF (German) * FLUORWATERSTOF (Dutch) * HYDROFLUORIC ACID, ANHYDROUS (DOT) * HYDROFLUORIC ACID SOLUTION (DOT) * HYDROFLUORIDE * HYDROGEN FLUORIDE * HYDROGEN FLUORIDE (DOT) * RCRA WASTE NUMBER U134 * UN 1052 (DOT) * UN 1790 (DOT)
MUTATION DATA AND REFERENCES:

	dnd-dmg-ihl 1300 ppb/6W	ATENBP 5,117,71
	sln-dmg-ihl 2900 ppb	FLUOA4 4,25,71

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T24T25	ihl-rat TCLo:470 ug/m3/4H (1-22D preg)	GTPZAB 19(3),57,75
1T35	ihl-rat TCLo:4980 ug/m3/4H (1-22D preg)	GTPZAB 19(3),57,75

TOXICITY DATA AND REFERENCES:

3D07D25J21	ihl-man TCLo:110 ppm/1M	JIDHAN 16,129,34
	ihl-hmn LCLo:50 ppm/30M	34ZIAG -,318,69
	ihl-rat LC50:1276 ppm/1H	AIHAAP 33,661,72
	ipr-rat LDLo:25 mg/kg	TXAPA9 13,76,68
3D26D35J22	ihl-mus LC50:342 ppm/1H	JCTODH 3,61,76
	ihl-mky LC50:1774 ppm/1H	AMRL** TR-70-77,70
*	ihl-rbt LCLo:260 mg/m3/7H	AMIHBC 2,716,50
	ihl-gpg LC50:4327 ppm/15M	AIHAAP 24,253,63
	scu-frg LDLo:112 mg/kg	CRSBAW 124,133,37

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMSSAQ 400,5,63
★ TLV-TWA 3 ppm;STEL 6 ppm DTLVS* 4,223,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 3 ppm (SCP-L) FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
★ DOT-IMO:POISON A; LABEL:POISON GAS, CORROSIVE CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO HF recm std-air:TWA 2.5 mg(F)/m3;CL 5.0 mg(F)/m3/15M NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7902 and 7903
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDROFLUORIC ACID, ANHYDROUS (DOT) see: MW7875000
HYDROFLUORIC ACID GAS see: MW6825000
HYDROFLUORIC ACID SOLUTION (DOT) see: MW7875000

MW7900000 HYDROFLUORIC ACID mixed with SULFURIC ACID
UPDT:8308
SYN: HYDROFLUORIC and SULFURIC ACIDS, MIXTURE (DOT) * UN 1786 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

HYDROFLUORIC and SULFURIC ACIDS, MIXTURE (DOT) see: MW7900000
HYDROFLUORIDE see: MW7875000
HYDROFLUORIDE-1927 WANDER see: HP2625000
HYDROFLUOROBORIC ACID (DOT) see: ED2685000
HYDROFLUOROSILICIC ACID (DOT) see: VV8225000
HYDROFLUOSILICIC ACID see: VV8225000
HYDROFOL see: RT4550000
HYDROFOL 1895 see: WI2800000
HYDROFOL ACID 1255 see: OE9800000
HYDROFOL ACID 1295 see: OE9800000
HYDROFOL ACID 1495 see: QH4375000
HYDROFOL ACID 1655 see: WI2800000
HYDROFOL ACID 1855 see: WI2800000
HYDROFURAN see: LU5950000

MW8900000 HYDROGEN
UPDT:8401 CAS: 1333-74-0 MW: 2.02 MOLFM: H2
SYN: HYDROGEN (DOT) * HYDROGEN, liquefied (DOT) * UN 1049 (DOT) * UN 1966 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HYDROGEN ANTIMONIDE see: WJ0700000
HYDROGEN ARSENIDE see: CG6475000

MW9140000 HYDROGENATED COAL OIL FRACTION 1
DEF: Centrifugation residue obtained through the direct hydrogenation of coal by Bergius process liquid phase, highly viscous black material (IMSUAI 25,51,56)
UPDT:8305
SYN: BERGIUS COAL HYDROGENATION PRODUCTS FRACTION 1 * COAL OIL, HYDROGENATED FRACTION 1
TUMORIGENIC DATA AND REFERENCES:

2V03T63	ims-rat TDLo:600 mg/kg/32W-I	IMSUAI 25,51,56

3V03R60P61 skn-mus TDLo:443 mg/kg/60W-I IMSUAI 25,51,56
3V03R60V10 skn-rbt TDLo:8703 mg/kg/94W-I IMSUAI 25,51,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MW9150000 HYDROGENATED COAL OIL FRACTION 2
DEF:Heavy oil let-down obtained through the direct hydrogenation of coal by the Bergiusprocess, liquid phase, a highly viscous blackish oily liquid (IMSUAI 25,51,56)
UPDT:8305
SYN: BERGIUS COAL HYDROGENATION PRODUCTS FRACTION 2 * COAL OIL, HYDROGENATED, FRACTION 2
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:411 gm/kg/5/W-I IMSUAI 25,51,56
3V03R60V10 skn-rbt TDLo:9429 mg/kg/94W-I IMSUAI 25,51,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MW9160000 HYDROGENATED COAL OIL FRACTION 3
DEF:Light oil bottoms obtained through the direct hydrogenation of coal by the Bergius process,liquid phase, a viscous brown oil containing a scaly admixture (IMSUAI 25,51,56)
UPDT:8305
SYN: BERGIUS COAL HYDROGENATION PRODUCTS FRACTION 3 * COAL OIL, HYDROGENATED, FRACTION 3
TUMORIGENIC DATA AND REFERENCES:
3V03T63P61 ims-rat TDLo:600 mg/kg/32W-I IMSUAI 25,51,56
3V03R60P61 skn-mus TDLo:480 gm/kg/60W-I IMSUAI 25,51,56
3V03R60V10 skn-rbt TDLo:9429 mg/kg/94W-I IMSUAI 25,51,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MW9170000 HYDROGENATED COAL OIL FRACTION 4
DEF:Middle oil obtained through the direct hydrogenation of coal by the Bergius process, liquidphase, a thin reddish brown oil having an aromatic odor (IMSUAI 25,51,56)
UPDT:8305
SYN: BERGIUS COAL HYDROGENATION PRODUCTS FRACTION 4 * COAL OIL, HYDROGENATED, FRACTION 4
TUMORIGENIC DATA AND REFERENCES:
2V03P61 ims-rat TDLo:600 mg/kg/32W-I IMSUAI 25,51,56
3V03R60V10 skn-mus TDLo:343 gm/kg/43W-I IMSUAI 25,51,56
3V03R60V10 skn-rbt TDLo:9429 mg/kg/94W-I IMSUAI 25,51,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MW9180000 HYDROGENATED COAL OIL FRACTION 5
DEF:Cold catchpot product obtained through the direct hydrogenation of coal by the Bergiusprocess, liquid phase, a rather thin, dark brown oil with an aromatic odor (IMSUAI 25,51,56)
UPDT:8305
SYN: BERGIUS COAL HYDROGENATION PRODUCTS FRACTION 5 * COAL OIL, HYDROGENATED, FRACTION 5
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:480 gm/kg/60W-I IMSUAI 25,51,56
3V03R60P61 skn-rbt TDLo:9429 mg/kg/94W-I IMSUAI 25,51,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MW9190000 HYDROGENATED COAL OIL FRACTION 6
DEF:Cold catchpot product obtained through the direct hydrogenation of coal by the Bergiusprocess, vapor phase, a thin brownish oil with an odor similar to gasoline (IMSUAI 25,51,56)
UPDT:8305
SYN: BERGIUS COAL HYDROGENATION PRODUCTS FRACTION 6 * COAL OIL, HYDROGENATED, FRACTION 6
TUMORIGENIC DATA AND REFERENCES:
3V03P61V10 ims-rat TDLo:600 mg/kg/32W-I IMSUAI 25,51,56
3V03R60V10 skn-mus TDLo:549 gm/kg/69W-I IMSUAI 25,51,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MW9200000 HYDROGENATED COAL OIL FRACTION 7
DEF:Raw gasoline obtained through the direct hydrogenation of coal by the Bergius process, athin dark brown liquid which quickly evaporates leaving a brownish red oily residue(IMSUAI 25,51,56)
UPDT:8305
SYN: BERGIUS COAL HYDROGENATION PRODUCTS FRACTION 7 * COAL OIL, HYDROGENATED, FRACTION 7
TUMORIGENIC DATA AND REFERENCES:
3V03P61V10 ims-rat TDLo:600 mg/kg/32W-I IMSUAI 25,51,56
3V03P61R60 skn-mus TDLo:480 gm/kg/60W-I IMSUAI 25,51,56
3V03R60V10 skn-rbt TDLo:9429 mg/kg/94W-I IMSUAI 25,51,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MW9210000 HYDROGENATED COAL OIL FRACTION 8
DEF:Finished gasoline obtained through the direct hydrogenation of coal by the Bergius process,a thin, clear, golden colored liquid with a typical gasoline odor (IMSUAI 25,51,56)
UPDT:8305
SYN: BERGIUS COAL HYDROGENATION PRODUCTS FRACTION 8 * COAL OIL, HYDROGENATED, FRACTION 8
TUMORIGENIC DATA AND REFERENCES:
2V03P61 ims-rat TDLo:600 mg/kg/32W-I IMSUAI 25,51,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MW9220000 HYDROGENATED COAL OIL FRACTION 9
DEF:Pitch flash distillation residue obtained through the direct hydrogenation of coal by theBergius process, a solid, black, coke-like material (IMSUAI 25,51,56)
UPDT:8305
SYN: BERGIUS COAL HYDROGENATION PRODUCTS FRACTION 9 * COAL OIL, HYDROGENATED, FRACTION 9
TUMORIGENIC DATA AND REFERENCES:
3V03T63P61 ims-rat TDLo:600 mg/kg/32W-I IMSUAI 25,51,56
3V03R60V10 skn-mus TDLo:206 gm/kg/26W-I IMSUAI 25,51,56
2V03P61 skn-rbt TDLo:2571 mg/kg/26W-I IMSUAI 25,51,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDROGENATED GLUCOSE SYRUP see: OO4845000
HYDROGEN AZIDE see: MW2800000
HYDROGEN BROMIDE see: MW3850000
HYDROGEN BROMIDE (DOT) see: MW3850000
HYDROGEN CARBOXYLIC ACID see: LQ4900000

MW9610000 HYDROGEN CHLORIDE
UPDT:8407 CAS: 7647-01-0 MW: 36.46 MOLFM: Cl-H
TOXICITY DATA AND REFERENCES:
3D25J26R21 ihl-rat LC50:4701 ppm/30M AIHAAP 35,623,74
3D25J26R21 ihl-mus LC50:2644 ppm/30M AIHAAP 35,623,74
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,163,75
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7903
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

HYDROGEN CHLORIDE (DOT) see: MW4025000
HYDROGEN CYANAMIDE see: GS5950000
HYDROGEN CYANIDE see: MW6825000
HYDROGEN CYANIDE, anhydrous, stabilized (DOT) see: MW6825000
HYDROGEN (DOT) see: MW8900000
HYDROGEN, liquefied (DOT) see: MW8900000
HYDROGENE SULFURE (French) see: MX1225000
HYDROGEN FLUORIDE see: MW7875000
HYDROGEN FLUORIDE (DOT) see: MW7875000
HYDROGEN HEXACHLOROPLATINATE(4 +) see: TP1500000
HYDROGEN HEXAFLUOROPHOSPHATE see: SY7115000
HYDROGEN HEXAFLUOROSILICATE see: VV8225000
HYDROGEN IODIDE see: MW3760000
HYDROGEN IODIDE, ANHYDROUS (DOT) see: MW3760000
HYDROGEN IODIDE SOLUTION (DOT) see: MW3760000
HYDROGEN ISOTHIOCYANATE see: NX8210000

MX0850000 HYDROGEN and METHANE, mixtures
UPDT:8312
SYN: HYDROGEN and METHANE, mixtures (DOT) * UN 2034 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.102,83

HYDROGEN and METHANE, mixtures (DOT) see: MX0850000
HYDROGEN NITRATE see: QU5775000
HYDROGEN OXALATE of AMITON see: TF1400000

MX0890000 HYDROGEN PEROXIDE, 8% to 20%
UPDT:8401 MW: 34.02 MOLFM: H2-O2
SYN: HYDROGEN PEROXIDE, solution (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82

MX0899000 HYDROGEN PEROXIDE, 30%
UPDT:8405 MW: 34.02 MOLFM: H2-O2
SYN: ALBONE 35 * ALBONE 50 * ALBONE 70 * ALBONE 35CG * ALBONE 50CG * ALBONE 70CG * HYDROGEN PEROXIDE SOLUTION 30% * HYDROGEN PEROXIDE SOLUTION (8% to 40% PEROXIDE) (DOT) * INTEROX * KASTONE * PERONE 30 * PERONE 35 * PERONE 50 * UN 2014 (DOT)
TUMORIGENIC DATA AND REFERENCES:
2V01K60 orl-mus TDLo:622 gm/kg/2Y-C HIUN**
2V01K60 orl-mus LD :155 gm/kg/2Y-C HIUN**
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MX0899500 HYDROGEN PEROXIDE, 20% to 60%
UPDT:8312 MW: 34.02 MOLFM: H2-O2
SYN: HYDROGEN PEROXIDE, solution (DOT) * HYDROGEN PEROXIDE SOLUTION, 40% to 52% (DOT) * UN 2014 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER AND CORROSIVE CFRGBR 49,172.102,83

MX0900000 HYDROGEN PEROXIDE, 90%
UPDT:8412 CAS: 7722-84-1 MW: 34.02 MOLFM: H2-O2
SYN: ALBONE * HYDROGEN PEROXIDE, solution (over 52% PEROXIDE) (DOT) * HYDROGEN PEROXIDE, stabilized (over 60% PEROXIDE) (DOT) * INHIBINE * PERHYDROL * PEROSSIDO DI IDROGENO (Italian) * PEROXAN * PEROXYDE D'HYDROGENE (French) * UN 2015 (DOT) * WASSERSTOFFPEROXID (German) * WATERSTOFPEROXYDE (Dutch)
MUTATION DATA AND REFERENCES:
mmo-sat 10 uL/plate ANYAA9 76,475,58
mmo-sat 6 ug/plate ABCHA6 44,1989,80
mmo-esc 5 pph AGACBH 4,286,74
dnr-esc 10 uL/well/16H CBINA8 15,219,76
mmo-bcs 5 ppm MUREAV 95,191,82
oms-bcs 100 umol/L MUREAV 4,517,67
dnd-bcs 50 mmol/L BBACAQ 155,476,68
mmo-hmi 800 umol/L MUREAV 30,9,75
mmo-omi 6 ppm/1H-C JOBAAY 54,767,47
mmo-omi 6 ppm POASAD 34,114,53
mmo-nsc 210 mmol/L/30M PNASA6 35,581,49
mmo-smc 10 mg/L MUREAV 33,147,75
mrc-smc 5 pph AGACBH 4,286,74
mmo-ssp 2820 mmol/L ADWMAX -,193,62
dns-hmn:fbr 1 mmol/L CALEDQ 5,199,78
dns-hmn:lng 600 ug/L ENMUDM 5,177,83
dni-hmn:fbr 1 mg/L CRNGDP 4,1317,83
dnd-mus:oth 1 umol/L CRNGDP 4,1507,83
cyt-mus/ast 10 mmol/L MUREAV 4,385,67
cyt-mus:emb 10 umol/L IDZAAW 56,1,81
hma-mus/oth 10 mmol/L BIZNAT 88,49,70
dnd-ham:lng 353 umol/L NATUAS 282,318,79
cyt-ham:ovr 1 mmol/L CALEDQ 5,199,78
cyt-ham:lng 100 umol/L IDZAAW 56,1,81
cyt-ham:emb 100 umol/L IDZAAW 56,1,81
cyt-ham:fbr 250 mg/L ESKHA5 96,55,78
sce-ham:lng 353 umol/L NATUAS 282,318,79
dnd-mam:lym 600 umol/L DECRDP 8,1,82
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-mus TDLo:144 gm/kg/26W-C GANNA2 75,17,84
2V03K60 orl-mus TD :168 gm/kg/30W-C GANNA2 75,17,84
TOXICITY DATA AND REFERENCES:
ihl-rat LC50:2000 mg/m3/4H GTPZAB 21(10),22,77
skn-rat LD50:4060 mg/kg GTPZAB 21(10),22,77
* orl-mus LD50:2 gm/kg GISAAA 48(6),28,83
ihl-mus LCLo:227 ppm AEHLAU 4,327,62
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32RWA4 1,239,76
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 28,151,82
★ TLV-TWA 1 ppm; STEL 2 ppm DTLVS* 4,224,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 ppm (SCP-S) FEREAC 39,23540,74
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER AND CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDROGEN PEROXIDE CARBAMIDE see: YT4850000
HYDROGEN PEROXIDE, solution (DOT) see: MX0890000
HYDROGEN PEROXIDE, solution (DOT) see: MX0899500
HYDROGEN PEROXIDE, stabilized (over 60% PEROXIDE) (DOT) see: MX0900000
HYDROGEN PEROXIDE SOLUTION 30% see: MX0899000
HYDROGEN PEROXIDE SOLUTION, 40% to 52% (DOT) see: MX0899500
HYDROGEN PEROXIDE SOLUTION (8% to 40% PEROXIDE) (DOT) see: MX0899000
HYDROGEN PEROXIDE, solution (over 52% PEROXIDE) (DOT) see: MX0900000
HYDROGEN PEROXIDE, compd. with UREA (1:1) see: YT4850000
HYDROGEN PHOSPHIDE see: SY7525000
HYDROGEN POTASSIUM FLUORIDE see: TS6650000

MX1050000 HYDROGEN SELENIDE
UPDT:8403 CAS: 7783-07-5 MW: 80.98 MOLFM: H2-Se
SYN: ELECTRONIC E-2 * HYDROGEN SELENIDE, anhydrous (DOT) * SELENIUM HYDRIDE * UN 2202 (DOT)
TOXICITY DATA AND REFERENCES:
3F07K12K13 ihl-hmn TCLo:0.2 ppm OCMEA4 3,439,47
ihl-gpg LCLo:280 mg/m3/10M PHRPA6 52,1217,37
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW CTOXAO 5(2),175,72; 85DHAX Se,112,76
★ TLV-TWA 50 ppb DTLVS* 4,225,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.05 ppm (SCP-O) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:POISON GAS AND FLAMMABLE GAS CFRGBR 49,172.101,82
★ DOT-IMO:POISON A; LABEL:POISON GAS AND FLAMMABLE GAS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDROGEN SELENIDE, anhydrous (DOT) see: MX1050000
HYDROGEN SULFATE (DOT) see: WS5600000

MX1225000 HYDROGEN SULFIDE
UPDT:8411 CAS: 7783-06-4 MW: 34.08 MOLFM: H2-S
SYN: ACIDE SULFHYDRIQUE (French) * HYDROGENE SULFURE (French) * HYDROGEN SULFIDE (DOT) * HYDROGEN SULFURIC ACID * IDROGENO SOLFORATO (Italian) * RCRA WASTE NUMBER U135 * SCHWEFELWASSERSTOFF (German) * SIARKOWODOR (Polish) * STINK DAMP * SULFURETED HYDROGEN * SULFUR HYDRIDE * UN 1053 (DOT) * ZWAVELWATERSTOF (Dutch)
TOXICITY DATA AND REFERENCES:
ihl-hmn LCLo:600 ppm/30M 29ZWAE -,207,68
2F24J16 ihl-man LDLo:5700 ug/kg AMPMAR 44,483,83
ihl-rat LC50:444 ppm LacHB# 09JUN78
ihl-mus LC50:673 ppm/1H NTIS** PB214-270
ihl-gpg LCLo:1 mg/m3/8H JIHTAB 23,470,41
ihl-mam LCLo:800 ppm/5M AEPPAE 138,65,28
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CMTVAS 10(3),49,73; JOCMA7 4,431,62
★ TLV-TWA 10 ppm; STEL 15 ppm DTLVS* 4,225,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:Cl 20 ppm;Pk 50/10M (SCP-A) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:POISON GAS AND FLAMMABLE GAS CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO HYDROGEN SULFIDE recm std-air:CL 15 mg/m3/10M NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 126, VOL 2 S4, VOL 6 296
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0580-0343;8EHQ-0878-0237
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MX1229000 HYDROGEN SULFIDE (solution)
DEF:Aqueous solution of HYDROGEN SULFIDE containing 1.0-1.25 mg/ml of H2-S (JMPCAS 4,137,61)
UPDT:8306 MW: 34.08 MOLFM: H2-S
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:2300 ug/kg JMPCAS 4,137,61
* ivn-rat LD50:270 ug/kg JMPCAS 4,137,61

HYDROGEN SULFIDE and CARBON BISULFIDE see: FF6700000
HYDROGEN SULFIDE and CARBON DISULFIDE see: FF6700000
HYDROGEN SULFIDE (DOT) see: MX1225000
HYDROGEN SULFITE see: WQ6870000
HYDROGEN SULFITE SODIUM see: VZ2000000
HYDROGEN SULFURIC ACID see: MX1225000 HYDROGEN SULFIDE
HYDROGEN TETRAFLUOROBORATE see: ED2685000
HYDROGESTRONE see: TU3671000
alpha-HYDRO-omega-HYDROXY-POLY(OXYETHYLENE)-POLY(OXYPROPYLENE) BLOCK COPOLYMERS see: TP6493000
HYDROL see: FB8400000
HYDROLIN see: JP2100000
HYDROLIT see: PB0380000
HYDROLOSE see: FJ5959000
HYDROL SW see: MD0907700
HYDROMEDIN see: AG6600000
HYDROMORPHONE HYDROCHLORIDE see: QD2625000
HYDROMOX R see: ZG0350000
HYDROMOX SODIUM see: VA1680000
HYDRONITRIC ACID see: MW2800000
HYDRONOL see: LZ4380000
HYDROPERIT see: YT4850000
HYDROPERITE see: YT4850000
HYDROPEROXIDE, ACETYL see: SD8750000
HYDROPEROXIDE, tert-BUTYL see: EQ4900000

MX2430000 HYDROPEROXIDE, t-BUTYL-alpha,alpha-DIMETHYLBENZYL-
UPDT:8308 CAS: 30026-92-7 MW: 208.33 MOLFM: C13-H20-O2
SYN: t-BUTYL ISOPROPYL BENZENE HYDROPEROXIDE * NA 2091 (DOT) * TERTIARY BUTYL ISOPROPYL BENZENE HYDROPEROXIDE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

MX2434000 HYDROPEROXIDE, (4-(BUTYLNITROSAMINO)BUTYL)-
UPDT:8405 MW: 190.28 MOLFM: C8-H18-N2-O3
SYN: BHPBN * N-BUTYL-N-(1-HYDROPEROXYBUTYL)NITROSAMINE * HYDROPEROXY-N-NITROSODIBUTYLAMINE
MUTATION DATA AND REFERENCES:
msc-ham:lng 50 umol/L GANNA2 73,522,82
TUMORIGENIC DATA AND REFERENCES:
3V01J60V10 scu-rat TDLo:70500 ug/kg/10W-I GANNA2 73,687,82
3V01J60V10 scu-rat TD :72 mg/kg/10W-I IAPUDO 41,619,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MX2440000 HYDROPEROXIDE, DIISOPROPYLPHENYL-, (solution)
UPDT:8401 CAS: 26762-93-6 MW: 195.31 MOLFM: C12-H19-O2
SYN: DIISOPROPYLBENZENE HYDROPEROXIDE, not more than 72% in solution (DOT) * DIISOPROPYLBENZENE HYDROPEROXIDE, solution, not over 72% PEROXIDE (DOT) * UN 2171 (DOT)
TUMORIGENIC DATA AND REFERENCES:
3V03J60P62 unk-mus TDLo:391 mg/kg RARSAM 3,193,63
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MX2445000 HYDROPEROXIDE, DIISOPROPYLPHENYL-, not more than 72% in solution
UPDT:8308 CAS: 26762-93-6 MW: 194.30 MOLFM: C12-H18-O2
SYN: DIISOPROPYLBENZENE HYDROPEROXIDE * DIISOPROPYLBENZENE HYDROPEROXIDE (DOT) * UN 2171 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MX2446000 HYDROPEROXIDE, DIISOPROPYLPHENYL-, more than 72% in solution
UPDT:8401 CAS: 26762-93-6 MW: 194.30 MOLFM: C12-H18-O2
SYN: DIISOPROPYLBENZENE HYDROPEROXIDE, more than 72% in solution (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MX2450000 HYDROPEROXIDE, alpha,alpha-DIMETHYLBENZYL-
UPDT:8406 CAS: 80-15-9 MW: 152.21 MOLFM: C9-H12-O2
SYN: CUMEENHYDROPEROXYDE (Dutch) * CUMENE HYDROPEROXIDE * CUMENE HYDROPEROXIDE (DOT) * CUMENE HYDROPEROXIDE, technically pure (DOT) * CUMENT HYDROPEROXIDE * CUMENYL HYDROPEROXIDE * CUMOLHYDROPEROXID (German) * CUMYL HYDROPEROXIDE * alpha-CUMYL HYDROPEROXIDE * CUMYL HYDROPEROXIDE, technical pure (DOT) * alpha,alpha-DIMETHYLBENZYL HYDROPEROXIDE * HYDROPEROXYDE DE CUMENE (French) * HYDROPEROXYDE DE CUMYLE (French) * IDROPEROSSIDO DI CUMENE (Italian) * IDROPEROSSIDO DI CUMOLO (Italian) * ISOPROPYLBENZENE HYDROPEROXIDE * RCRA WASTE NUMBER U096 * UN 2116 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg AIHAAP 19,205,58
eye-rbt 1 mg AIHAAP 19,205,58
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate PNASA6 79,7445,82
mma-sat 100 ug/plate ABCHA6 44,1989,80
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:8844 mg/kg/67W-I JNCIAM 37,825,66
3V03P62R60 unk-mus TDLo:304 mg/kg RARSAM 3,193,63
TOXICITY DATA AND REFERENCES:
1M14 orl-rat LD50:382 mg/kg AIHAAP 19,205,58
1J22 ihl-rat LC50:220 ppm/4H AIHAAP 19,205,58
2F12M14 skn-rat LD50:500 mg/kg AEHLAU 30,1,75
2F18F19 ipr-rat LD50:95 mg/kg AIHAAP 19,205,58
orl-mus LDLo:5000 mg/kg SCCUR* -,3,61
1J22 ihl-mus LC50:200 ppm/4H AIHAAP 19,205,58
ipr-mus LDLo:90 mg/kg TXAPA9 23,288,72
scu-mus LD50:490 mg/kg GISAAA 26(12),22,61
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDROPEROXIDE, 1,1-DIMETHYLETHYL- (9CI) see: EQ4900000
HYDROPEROXIDE, 1,1-DIMETHYLPROPYL (9CI) see: SC3067000
HYDROPEROXIDE, ETHYL see: KY8355000

MX2500000 HYDROPEROXIDE, 1-ISOPROPYL-4-METHYLCYCLOHEXYL-
UPDT:8308 CAS: 52061-60-6 MW: 172.30 MOLFM: C10-H20-O2
SYN: HEXAHYDRO-p-CYMENE HYDROPEROXIDE * 1-ISOPROPYL-4-METHYLCYCLOHANE HYDROPEROXIDE * p-MENTHANE HYDROPEROXIDE, technically pure (DOT) * PARAMENTHANE HYDROPEROXIDE (DOT) * UN 2125 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

MX2570000 HYDROPEROXIDE, (1-METHYLETHYLIDENE)BIS-
UPDT:8308 MW: 76.11 MOLFM: C3-H8-O2
SYN: 2,2-DIHYDROPEROXY PROPANE (DOT) * UN 2178 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

MX2625000 HYDROPEROXIDE, 1,2,3,4-TETRAHYDRO-1-NAPHTHYL-
UPDT:8308 CAS: 771-29-9 MW: 164.22 MOLFM: C10-H12-O2
SYN: HYDROPEROXYDE DE TETRALINE (French) * IDROPEROSSIDO DI TETRALINA (Italian) * TETRALINEHYDROPEROXYDE (Dutch) * TETRALINHYDROPEROXID (German) * TETRALIN HYDROPEROXIDE * TETRALIN HYDROPEROXIDE, technically pure (DOT) * UN 2136 (DOT)
TOXICITY DATA AND REFERENCES:
unk-mus LD50:250 mg/kg BJCAAI 6,160,52
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MX2625300 HYDROPEROXIDE, (1,1,4,4-TETRAMETHYL-1,4-BUTYLIDENE)BIS-, more than 82% with water
UPDT:8308 MW: 146.26 MOLFM: C8-H18-O2
SYN: 2,5-DIMETHYL-2,5-DIHYDROPEROXY HEXANE (DOT) * DIMETHYLHEXANE DIHYDROPEROXIDE
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

MX2625400 HYDROPEROXIDE, (1,1,4,4-TETRAMETHYL-1,4-BUTYLIDENE)BIS-, not more than 82% with water
UPDT:8310 MW: 146.26 MOLFM: C8-H18-O2
SYN: 2,5-DIMETHYL-2,5-DIHYDROPEROXY HEXANE (DOT) * UN 2174 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

MX2625600 HYDROPEROXIDE, 2,6,6-TRIMETHYLBICYCLO(3.1.1)HEPTYL-
UPDT:8401 CAS: 28324-52-9 MW: 170.28 MOLFM: C10-H18-O2
SYN: PINANE HYDROPEROXIDE, technically pure (DOT) * PINANE HYDROPEROXIDE (DOT) * PINANYL HYDROPEROXIDE * 2,6,6-TRIMETHYL NORPINANYL HYDROPEROXIDE, technically pure (DOT) * UN 2162 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MX2625800 HYDROPEROXIDE, 2,6,6-TRIMETHYLBICYCLO(3.1.1)HEPTYL-, not over 45% PEROXIDE
UPDT:8308 CAS: 28324-52-9 MW: 170.28 MOLFM: C10-H18-O2
SYN: PINANE HYDROPEROXIDE (DOT) * UN 2162 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

4-(HYDROPEROXYACETYL)-3-METHYL-2-BENZOFURANCARBOXYLIC ACID see: DF6494500
5-(HYDROPEROXYACETYL)-2-METHYL-3-BENZOFURANCARBOXYLIC ACID see: DF6494600
4-(HYDROPEROXYACETYL)-3-METHYL-2-BENZOFURANCARBOXYLIC ACID ETHYL ESTER see: DF6494700
5-(HYDROPEROXYACETYL)-3-(p-TOLUOYL)BENZOFURAN see: DF6844670
6-HYDROPEROXY-4-CHOLESTEN-3-ONE see: FZ8100000
6-beta-HYDROPEROXYCHOLEST-4-EN-3-ONE see: FZ8100000
6-beta-HYDROPEROXY-delta(sup 4)-CHOLESTEN-3-ONE see: FZ8100000
1-HYDROPEROXYCYCLOHEX-3-ENE see: GW6250000
HYDROPEROXYDE DE BUTYLE TERTIAIRE (French) see: EQ4900000
HYDROPEROXYDE DE CUMENE (French) see: MX2450000
HYDROPEROXYDE DE CUMYLE (French) see: MX2450000
HYDROPEROXYDE DE TETRALINE (French) see: MX2625000
10-beta-HYDROPEROXY-17-alpha-ETHYNYL-4-ESTREN-17-beta-OL-3-ONE see: RC8974500
N-(HYDROPEROXYMETHYL)-N-NITROSOBUTYLAMINE see: EO5207000
1-(HYDROPEROXY)-N-METHYL-N-NITROSOBUTYLAMINE see: EO5207500
N-(HYDROPEROXYMETHYL)-N-NITROSOETHYLAMINE see: KR7650000
N-(HYDROPEROXYMETHYL)-N-NITROSOPROPYLAMINE see: UI3060000
HYDROPEROXY-N-NITROSODIBUTYLAMINE see: MX2434000
1-(HYDROPEROXY)-N-NITROSODIETHYLAMINE see: IA3090000
1-(HYDROPEROXY)-N-NITROSODIMETHYLAMINE see: IQ0230000
1-(HYDROPEROXY)-N-NITROSODIPROPYLAMINE see: JL9680000
1-HYDROPEROXY-1-VINYLCYCLOHEX-3-ENE see: GW6260000
HYDROPHENOL see: GV7875000
HYDROPHIS CYANOCINCTUS (MALAYA) VENOM see: YX4184700
HYDROPHIS CYANOCINCTUS VENOM see: YX4184940
HYDROPHIS ELEGANS (AUSTRALIA) VENOM see: YX4184900
HYDROPHIS MAJOR VENOM see: YX4185350
HYDROPHIS MELANOCEPHALUS VENOM see: YX4185370
HYDROPHIS NIGROCINCTUS VENOM see: YX4185450
HYDROPHIS STRICTICOLLIS VENOM see: YX4185650

MX3007200 HYDROPHYLAX MARITIMA Linn. f., extract
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 7,250,69)
UPDT:8305
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 7,250,69
HYDROPRENE see: JR1700000
HYDROPRES see: ZG0350000
HYDROPRES KA see: ZG0350000
HYDROQUINOL see: MX3500000
HYDROQUINOLE see: MX3500000

MX3500000 HYDROQUINONE
UPDT:8412 CAS: 123-31-9 MW: 110.12 MOLFM: C6-H6-O2
SYN: ARCTUVIN * BENZENE, p-DIHYDROXY- * p-BENZENEDIOL * 1,4-BENZENEDIOL * BENZOHYDROQUINONE * BENZOQUINOL * BLACK and WHITE BLEACHING CREAM * 1,4-DIHYDROXY-BENZEEN (Dutch) * 1,4-DIHYDROXYBENZEN (Czech) * DIHYDROXYBENZENE * p-DIHYDROXYBENZENE * 1,4-DIHYDROXYBENZENE * 1,4-DIHYDROXY-BENZOL (German) * 1,4-DIIDROBENZENE (Italian) * p-DIOXOBENZENE * ELDOPAQUE * ELDOQUIN * HYDROCHINON (Czech, Polish) * HYDROQUINOL * HYDROQUINOLE * alpha-HYDROQUINONE * p-HYDROQUINONE * HYDROQUINONE (DOT) * p-HYDROXYPHENOL * IDROCHINONE (Italian) * NCI-C55834 * QUINOL * beta-QUINOL * TECQUINOL * TENOX HQ * TEQUINOL * UN 2662 (DOT) * USAF EK-356
IRRITATION DATA AND REFERENCES:
skn-hmn 2% MLD ARDEAC 93,589,66
skn-hmn 5% SEV ARDEAC 93,589,66
MUTATION DATA AND REFERENCES:
mmo-sat 400 uL/plate BECTA6 24,590,80
sce-hmn:lym 40 umol/L CNREA8 40,1189,80
mnt-mus-ipr 220 mg/kg MUREAV 90,91,81
mnt-mus-scu 240 mg/kg/6D-C CBINA8 39,129,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:2500 mg/kg (1-22D preg) AJANA2 110,29,62
1T12 scu-rat TDLo:5 mg/kg (1D pre) ENDOAO 57,466,55
1T14 scu-rat TDLo:550 mg/kg (11D pre) ENDOAO 57,466,55
3T02T03T23 scu-rat TDLo:5100 mg/kg (51D male) SSZBAC 12,491,65
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:29 mg/kg 34ZIAG -,321,69
orl-rat LD50:320 mg/kg FEPRA7 8,348,49
ipr-rat LD50:170 mg/kg JIHTAB 31,79,49
scu-rat LDLo:300 mg/kg HBTXAC 1,162,55
ivn-rat LD50:115 mg/kg FEPRA7 8,348,49
* unk-rat LD50:720 mg/kg GTPPAF 8,145,72
orl-mus LD50:350 mg/kg GTPZAB 22(9),35,78
ipr-mus LD50:100 mg/kg NTIS** AD414-344
scu-mus LD50:190 mg/kg INHEAO 5,143,67
unk-mus LD50:150 mg/kg BJCAAI 6,160,52
orl-dog LD50:200 mg/kg FEPRA7 8,348,49
ivn-dog LDLo:80 mg/kg HBTXAC 1,162,55
orl-cat LD50:70 mg/kg FEPRA7 8,348,49
scu-cat LDLo:50 mg/kg AEXPBL 72,241,13
orl-rbt LDLo:550 mg/kg HBTXAC 1,162,55
ipr-rbt LD50:125 mg/kg JIHTAB 31,79,49
orl-gpg LD50:550 mg/kg FEPRA7 8,348,49
ipr-gpg LDLo:200 mg/kg HBTXAC 1,162,55
scu-gpg LDLo:300 mg/kg HBTXAC 1,162,55
orl-pgn LD50:300 mg/kg FEPRA7 8,348,49
scu-frg LDLo:190 mg/kg HBTXAC 1,160,55
par-frg LDLo:190 mg/kg AEPPAE 166,437,32
3F17F23J22 orl-mam LD50:480 mg/kg TPKVAL 15,136,79
* skn-mam LD50:5970 mg/kg GISAAA 45(10),16,80
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71; MUREAV 47(2),75,78
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,155,77
★ TLV-TWA 2 mg/m3; STEL 4 mg/m3 DTLVS* 4,226,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg/m3 (SCP-E) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO HYDROQUINONE recm std-air:CL 2.0 mg/m3/15M NTIS**
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5004
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
alpha-HYDROQUINONE see: MX3500000
m-HYDROQUINONE see: VG9625000
o-HYDROQUINONE see: UX1050000
p-HYDROQUINONE see: MX3500000

MX3680000 HYDROQUINONE, 2-(2-AMINO-1-METHYLETHYL)-, HYDROCHLORIDE
UPDT:8406 MW: 203.69 MOLFM: C9-H13-N-O2 .Cl-H
SYN: 2-(2-AMINO-1-METHYLETHYL)HYDROQUINONE HYDROCHLORIDE * beta-2,5-DIHYDROXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12G10J26 ivn-rat LD50:100 mg/kg JPETAB 81,360,44
HYDROQUINONE, compd. with p-BENZOQUINONE see: VA4550000
HYDROQUINONE BENZYL ETHER see: SJ7700000

MX4200000 HYDROQUINONE, 2,5-BIS((BIS(2-CHLOROETHYL)AMINO)METHYL)-
UPDT:8401 CAS: 4420-79-5 MW: 418.22 MOLFM: C16-H24-Cl4-N2-O2
SYN: 2,5-BIS(BIS-(2-CHLOROETHYL)AMINOMETHYL)HYDROQUINONE * HYDROQUINONE MUSTARD * NSC 18321 * WEATHERBEE MUSTARD
TUMORIGENIC DATA AND REFERENCES:
2V01J60 ipr-mus TDLo:28 mg/kg/4W JNCIAM 36,915,66
TOXICITY DATA AND REFERENCES:
* ipr-rat LD10:4700 ug/kg CNCRA6 17,1,62
ivn-dog LDLo:900 ug/kg CCSUBJ 2,201,65
ivn-mky LDLo:1800 ug/kg CCSUBJ 2,201,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MX4375000 HYDROQUINONE, t-BUTYL-
UPDT:8405 CAS: 1948-33-0 MW: 166.24 MOLFM: C10-H14-O2
SYN: t-BUTYLHYDROQUINONE * SUSTANE * TENOX TBHQ
TOXICITY DATA AND REFERENCES:
orl-rat LD50:800 mg/kg KODAK* 21MAY71
orl-mus LD50:1000 mg/kg KODAK* 21MAY71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
HYDROQUINONE CALCIUM SULFONATE see: DB6127000
HYDROQUINONECARBOXYLIC ACID see: LY3850000
HYDROQUINONE, 2,5-DI-tert-AMYL- see: MX6300000

MX5900000 HYDROQUINONE, 2,6-DIMETHYL-
UPDT:8411 CAS: 654-42-2 MW: 138.18 MOLFM: C8-H10-O2
SYN: 1,4-BENZENEDIOL, 2,6-DIMETHYL- (9CI) * 2,6-DIMETHYLHYDROQUINONE * DMHQ * m-XHQ * m-XYLOHYDROQUINONE * 2,6-XYLOHYDROQUINONE * 2,6-XYLOQUINOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-wmn TDLo:84 mg/kg (30W pre) ACEDAB 28,83,56
1T21 orl-rat TDLo:100 mg/kg (4D pre) ACEDAB 28,18,56
1T14 ipr-rat TDLo:950 mg/kg (19D pre) ENDOAO 57,466,55
1T12 scu-rat TDLo:3 mg/kg (1D pre) ENDOAO 57,466,55
1T14 scu-rat TDLo:950 mg/kg (19D pre) ENDOAO 57,466,55
1T21 scu-rat TDLo:200 mg/kg (4D pre) ACEDAB 28,18,56
1T13 unk-rat TDLo:50 mg/kg (5D pre) CMJRAY 49,354,52
3T27T39T71 orl-mus TDLo:40 mg/kg (1D pre) JOENAK 14,228,56
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BCSTA4 10,85,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
HYDROQUINONE, DIMETHYL ETHER see: CZ6650000

MX6300000 HYDROQUINONE, 2,5-DI-t-PENTYL-
UPDT:8305 CAS: 79-74-3 MW: 250.42 MOLFM: C16-H26-O2
SYN: 2,5-BIS(1,1-DIMETHYLPROPYL)HYDROQUINONE * 2,5-DI-t-AMYLHYDROQUINONE * 2,5-DI-t-PENTYLHYDROQUINONE * HYDROQUINONE, 2,5-DI-tert-AMYL- * SANTOUAR A * SANTOVAR A * USAF B-21
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:200 mg/kg NTIS** AD277-689
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
HYDROQUINONE (DOT) see: MX3500000

MX6700000 HYDROQUINONE, METHYL-
UPDT:8306 CAS: 95-71-6 MW: 124.15 MOLFM: C7-H8-O2
SYN: 1,4-BENZENEDIOL, 2-METHYL- * 2,5-DIHYDROXYTOLUENE * 2-METHYL-1,4-BENZENEDIOL * METHYLHYDROQUINONE * METHYL-p-HYDROQUINONE * 2-METHYLHYDROQUINONE * THQ * 2,5-TOLUENEDIOL * p-TOLUHYDROQUINOL * TOLUHYDROQUINONE * p-TOLUHYDROQUINONE * TOLUQUINOL * p-TOLUQUINOL * TOLYLHYDROQUINONE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:200 mg/kg KODAK* 21MAY71
ipr-rat LDLo:200 mg/kg KODAK* 21MAY71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
HYDROQUINONE MONOBENZYL ETHER see: SJ7700000
HYDROQUINONE MONOMETHYL ETHER see: SL7700000
HYDROQUINONE MUSTARD see: MX4200000
HYDROQUINONE-SULFONIC ACID-FORMALDEHYDE POLYMER see: DB6145200
HYDRO-RAPID see: CB2625000
HYDRORETROCORTIN see: TU4152000
HYDROROBINETIN see: LK6925000
HYDROSALURIC see: DK9100000
HYDROSARPAN see: AX7875000
HYDROSCINE HYDROBROMIDE see: YM4550000
HYDROSILICOFLUORIC ACID see: VV8225000
HYDROSILICOFLUORIC ACID (DOT) see: VV8225000

MX8407000 HYDROSULFAMINE, N,N'-ETHYLENEBIS(S-(DIMETHYLTHIOCARBAMOYL)-
UPDT:8305 CAS: 34041-03-7 MW: 298.54 MOLFM: C8-H18-N4-S4
SYN: N,N'-BIS(DIMETHYLDITHIOCARBAMOYL)ETHYLENEDIAMINE * 2,7-DITHIA-3,6-DIAZAOCTANEDITHIOAMIDE, N,N,N',N'-TETRAMETHYL- * EMSC
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate CSHCAL 4,267,77
HYDROSULFITE ANION see: WQ6870000
HYDROSULFITE AWC see: PB0380000
HYDROTHAL-47 see: RN7875000
HYDROTHAL-191 see: RN7875000
HYDROTHIADENE see: HQ2800000
HYDROTHIDE see: DK9100000
HYDROTHOL see: RN8225000
HYDROTRICHLOROTHIAZIDE see: DK8925000
HYDROTRICINE see: YP2975000
HYDROTROPALDEHYDE DIMETHYL ACETAL see: MU6480000
HYDROTROPE see: ZE5100000
HYDROTROPIC ALDEHYDE DIMETHYL ACETAL see: MU6480000

MX8770000 HYDROURACIL, 1-(p-BUTOXYBENZYL)-
UPDT:8405 MW: 276.37 MOLFM: C15-H20-N2-O3
SYN: 1-(p-BUTOXYBENZYL)HYDROURACIL
MUTATION DATA AND REFERENCES:
mmo-esc 50 mmol/L BZARAZ 29(12),16,76
mmo-omi 200 mmol/L BZARAZ 29(12),16,76

MX8771000 HYDROURACIL, 1-(p-BUTOXYBENZYL)-5-METHYL-
UPDT:8405 MW: 290.40 MOLFM: C16-H22-N2-O3
SYN: 1-(p-BUTOXYBENZYL)-5-METHYLHYDROURACIL
MUTATION DATA AND REFERENCES:
mmo-esc 25 mmol/L BZARAZ 29(12),16,76
mmo-omi 200 mmol/L BZARAZ 29(12),16,76

MX8771200 HYDROURACIL, 1-(p-BUTOXYBENZYL)-5-METHYL-2-THIO-
UPDT:8405 MW: 306.46 MOLFM: C16-H22-N2-O2-S
SYN: 1-(p-BUTOXYBENZYL)-5-METHYL-2-THIOHYDROURACIL
MUTATION DATA AND REFERENCES:
mmo-esc 25 mmol/L BZARAZ 29(12),16,76
mmo-omi 100 mmol/L BZARAZ 29(12),16,76

MX8772000 HYDROURACIL, 1-(p-BUTOXYBENZYL)-2-THIO-
UPDT:8405 MW: 292.43 MOLFM: C15-H20-N2-O2-S
SYN: 1-(p-BUTOXYBENZYL)-2-THIOHYDROURACIL
MUTATION DATA AND REFERENCES:
mmo-esc 25 mmol/L BZARAZ 29(12),16,76
mmo-omi 200 mmol/L BZARAZ 29(12),16,76

MX8910000 HYDROURACIL, 1-(p-ETHOXYBENZYL)-5-METHYL-
UPDT:8405 MW: 262.34 MOLFM: C14-H18-N2-O3
SYN: 1-(p-ETHOXYBENZYL)-5-METHYLHYDROURACIL
MUTATION DATA AND REFERENCES:
mmo-esc 100 mmol/L BZARAZ 29(12),16,76

MX8910300 HYDROURACIL, 1-(p-ETHOXYBENZYL)-5-METHYL-2-THIO-
UPDT:8405 MW: 278.40 MOLFM: C14-H18-N2-O2-S
SYN: 1-(p-ETHOXYBENZYL)-5-METHYL-2-THIOHYDROURACIL
MUTATION DATA AND REFERENCES:
mmo-esc 25 mmol/L BZARAZ 29(12),16,76
mmo-omi 200 mmol/L BZARAZ 29(12),16,76

MX8910700 HYDKOURACIL, 1-(p-ETHOXYBENZYL)-2-THIO-
UPDT:8405 MW: 264.37 MOLFM: C13-H16-N2-O2-S
SYN: 1-(p-ETHOXYBENZYL)-2-THIOHYDROURACIL
MUTATION DATA AND REFERENCES:
mmo-esc 100 mmol/L BZARAZ 29(12),16,76

MX8950000 HYDROURACIL, 1-(p-ISOBUTOXYBENZYL)-
UPDT:8405 MW: 276.37 MOLFM: C15-H20-N2-O3
SYN: 1-(p-ISOBUTOXYBENZYL)HYDROURACIL
MUTATION DATA AND REFERENCES:
mmo-esc 100 mmol/L BZARAZ 29(12),16,76
mmo-omi 200 mmol/L BZARAZ 29(12),16,76

MX8951000 HYDROURACIL, 1-(p-ISOBUTOXYBENZYL)-2-THIO-
UPDT:8405 MW: 292.43 MOLFM: C15-H20-N2-O2-S
SYN: 1-(p-ISOBUTOXYBENZYL)-2-THIOHYDROURACIL
MUTATION DATA AND REFERENCES:
mmo-esc 50 mmol/L BZARAZ 29(12),16,76
mmo-omi 200 mmol/L BZARAZ 29(12),16,76

MX8955000 HYDROURACIL, 1-(p-ISOPROPOXYBENZYL)-
UPDT:8405 MW: 262.34 MOLFM: C14-H18-N2-O3
SYN: 1-(p-ISOPROPOXYBENZYL)HYDROURACIL
MUTATION DATA AND REFERENCES:
mmo-esc 10 mmol/L BZARAZ 29(12),16,76
mmo-omi 200 mmol/L BZARAZ 29(12),16,76

MX8957000 HYDROURACIL, 1-(p-ISOPROPOXYBENZYL)-5-METHYL-
UPDT:8405 MW: 276.37 MOLFM: C15-H20-N2-O3
SYN: 1-(p-ISOPROPOXYBENZYL)-5-METHYLHYDROURACIL
MUTATION DATA AND REFERENCES:
mmo-esc 100 mmol/L BZARAZ 29(12),16,76

MX8958000 HYDROURACIL, 1-(p-ISOPROPOXYBENZYL)-5-METHYL-2-THIO-
UPDT:8405 MW: 292.43 MOLFM: C15-H20-N2-O2-S
SYN: 1-(p-ISOPROPOXYBENZYL)-5-METHYL-2-THIOHYDROURACIL
MUTATION DATA AND REFERENCES:
mmo-esc 50 mmol/L BZARAZ 29(12),16,76
mmo-omi 200 mmol/L BZARAZ 29(12),16,76

MX8960000 HYDROURACIL, 1-(p-ISOPROPOXYBENZYL)-2-THIO-
UPDT:8405 MW: 278.40 MOLFM: C14-H18-N2-O2-S
SYN: 1-(p-ISOPROPOXYBENZYL)-2-THIOHYDROURACIL
MUTATION DATA AND REFERENCES:
mmo-esc 100 mmol/L BZARAZ 29(12),16,76
mmo-omi 200 mmol/L BZARAZ 29(12),16,76

MX8980000 HYDROURACIL, 1-(p-METHOXYBENZYL)-
UPDT:8405 MW: 234.28 MOLFM: C12-H14-N2-O3
SYN: 1-(p-METHOXYBENZYL)HYDROURACIL
MUTATION DATA AND REFERENCES:
mmo-omi 200 mmol/L BZARAZ 29(12),16,76

MX8985000 HYDROURACIL, 1-(p-METHOXYBENZYL)-5-METHYL-
UPDT:8405 MW: 248.31 MOLFM: C13-H16-N2-O3
SYN: 1-(p-METHOXYBENZYL)-5-METHYLHYDROURACIL
MUTATION DATA AND REFERENCES:
mmo-esc 200 mmol/L BZARAZ 29(12),16,76

MX8986000 HYDROURACIL, 1-(p-METHOXYBENZYL)-5-METHYL-2-THIO-
UPDT:8405 MW: 264.37 MOLFM: C13-H16-N2-O2-S
SYN: 1-(p-METHOXYBENZYL)-5-METHYL-2-THIOHYDROURACIL
MUTATION DATA AND REFERENCES:
mmo-esc 50 mmol/L BZARAZ 29(12),16,76

MX8990000 HYDROURACIL, 1-(p-METHOXYBENZYL)-2-THIO-
UPDT:8405 MW: 250.34 MOLFM: C12-H14-N2-O2-S
SYN: 1-(p-METHOXYBENZYL)-2-THIOHYDROURACIL
MUTATION DATA AND REFERENCES:
mmo-esc 200 mmol/L BZARAZ 29(12),16,76

MX9000000 HYDROURACIL, 5-METHYL-1-(p-PROPOXYBENZYL)-
UPDT:8405 MW: 276.37 MOLFM: C15-H20-N2-O3
SYN: 5-METHYL-1-(p-PROPOXYBENZYL)HYDROURACIL
MUTATION DATA AND REFERENCES:
mmo-esc 25 mmol/L BZARAZ 29(12),16,76

MX9005000 HYDROURACIL, 5-METHYL-1-(p-PROPOXYBENZYL)-2-THIO-
UPDT:8405 MW: 292.43 MOLFM: C15-H20-N2-O2-S
SYN: 5-METHYL-1-(p-PROPOXYBENZYL)-2-THIOHYDROURACIL
MUTATION DATA AND REFERENCES:
mmo-esc 25 mmol/L BZARAZ 29(12),16,76
mmo-omi 200 mmol/L BZARAZ 29(12),16,76

MX9280000 HYDROURACIL, 1-NITROSO-
UPDT:8401 CAS: 16813-36-8 MW: 143.12 MOLFM: C4-H5-N3-O3
SYN: NDHU * 1-NITROSO-5,6-DIHYDROURACIL * NO-DHU * 2,4(1H,3H)-PYRIMIDINEDIONE, DIHYDRO-1-NITROSO- * URACIL, 5,6-DIHYDRO-1-NITROSO-
MUTATION DATA AND REFERENCES:
mmo-sat 2900 nmol/L MUREAV 48,131,77
dnd-rat-ipr 1 mg/kg BBRCA9 53,773,73
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:440 mg/kg/41W-I JJIND8 62,1523,79
3V03Q60V10 ipr-rat TDLo:1200 mg/kg/8D-I TUMOAB 61,509,75
3V01L60M61 orl-rat TD :3000 mg/kg/32W-I ZKKOBW 79,304,73
2V03V10 ipr-rat TD :1200 mg/kg/1W-I JJIND8 62,1523,79
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:850 mg/kg ZKKOBW 79,304,73
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MX9283000 HYDROURACIL, 1-(p-PROPOXYBENZYL)-
UPDT:8405 MW: 262.34 MOLFM: C14-H18-N2-O3
SYN: 1-(p-PROPOXYBENZYL)HYDROURACIL
MUTATION DATA AND REFERENCES:
mmo-esc 100 mmol/L BZARAZ 29(12),16,76
mmo-omi 200 mmol/L BZARAZ 29(12),16,76

MX9283500 HYDROURACIL, 1-(p-PROPOXYBENZYL)-2-THIO-
UPDT:8405 MW: 278.40 MOLFM: C14-H18-N2-O2-S
SYN: 1-(p-PROPOXYBENZYL)-2-THIOHYDROURACIL
MUTATION DATA AND REFERENCES:
mmo-esc 100 mmol/L BZARAZ 29(12),16,76
mmo-omi 200 mmol/L BZARAZ 29(12),16,76

MX9360000 HYDROXAMIC ACID, N-FLUOREN-2-YL-N-TETRADECANOYL-
UPDT:8401 MW: 407.65 MOLFM: C27-H37-N-O2
SYN: N-FLUOREN-2-YL-N-TETRADECANOYLHYDROXAMIC ACID * N-HYDROXY-N-MYRISTOYL-2-AMINOFLUORENE * N-HYDROXY-N-TETRADECANOYL-2-AMINOFLUORENE
MUTATION DATA AND REFERENCES:
mmo-sat 20 nmol/plate CNREA8 37,1461,77
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:104 mg/kg/5W-I CNREA8 37,1461,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDROXINE see: KK2275000
HYDROXINE YELLOW L see: UQ6400000
N-HYDROXY-AABP see: AK8225000
N-HYDROXY-AAF see: AK8575000
trans-N-HYDROXY-AAS see: AL1750000
trans-4'-HYDROXY-AAS see: AE4280000
HYDROXYACETALDEHYDE see: MC2980000
N-HYDROXY-4-ACETAMIDOBIPHENYL see: AK8225000
N-4-(N-HYDROXYACETAMIDO)BIPHENYL see: AK8225000
N-HYDROXY-4-ACETAMIDODIPHENYL see: AK8225000
N-HYDROXY-2-ACETAMIDOFLUORENE see: AK8575000
1-HYDROXY-2-ACETAMIDOFLUORENE see: AC3340000
2-(N-HYDROXYACETAMIDO)FLUORENE see: AK8575000
2-(N-HYDROXYACETAMIDO)PHENANTHRENE see: AL1050000
trans-N-HYDROXY-4-ACETAMIDOSTILBENE see: AL1750000
4-(N-HYDROXYACETAMIDO)STILBENE see: AL1600000
trans-4'-HYDROXY-4-ACETAMIDOSTIBENE see: AE4280000
7-HYDROXY-2-ACETAMINOFLUORENE see: AC3350070
p-HYDROXYACETANILIDE see: AE4200000
4-HYDROXYACETANILIDE see: AE4200000
4'-HYDROXYACETANILIDE see: AE4200000
HYDROXYACETONE see: UC2800000
N-HYDROXY-p-ACETOPHENETIDIDE see: AK8330000
N-HYDROXY-4-ACETYLAMINOBIBENZYL see: AL1225000
N-HYDROXY-4-ACETYLAMINOBIPHENYL see: AK8225000
N-HYDROXY-2-ACETYLAMINOFLUORENE see: AK8575000
N-HYDROXY-N-ACETYL-2-AMINOFLUORENE see: AK8575000
3-HYDROXY-N-ACETYL-2-AMINOFLUORENE see: AC3350000
N-HYDROXY-2-ACETYLAMINOFLUORENE, COBALTOUS CHELATE see: AK8925000
N-HYDROXY-2-ACETYLAMINOFLUORENE, CUPRIC CHELATE see: AK9100000
N-HYDROXY-2-ACETYLAMINOFLUORENE, FERRIC CHELATE see: AK9450000
N-HYDROXY-2-ACETYLAMINOFLUORENE-O-GLUCURONIDE see: AK9275000
N-HYDROXY-2-ACETYLAMINOFLUORENE, MANGANOUS CHELATE see: AK9625000
N-HYDROXY-2-ACETYLAMINOFLUORENE, NICKELOUS CHELATE see: AK9800000
N-HYDROXY-2-ACETYLAMINOFLUORENE, POTASSIUM SALT see: AL0175000
N-HYDROXY-2-ACETYLAMINOFLUORENE, ZINC CHELATE see: AL0350000
N-HYDROXY-2-ACETYLAMINOPHENANTHRENE see: AL1030000 ACETOHYDROXAMIC ACID, N-(2-PHENANTHRENYL)-
N-HYDROXY-2-ACETYLAMINOPHENANTHRENE see: AL1050000
N-HYDROXY-4-ACETYLAMINOSTILBENE see: AL1600000
trans-N-HYDROXY-4-ACETYLAMINOSTILBENE see: AL1750000
trans-N-HYDROXY-4-ACETYLAMINOSTILBENE CUPRIC CHELATE see: AL1925000
2-HYDROXYACLACINOMYCIN A see: QI9279180
N-(1-HYDROXY-4-ADAMANTYL)-2-PYRROLIDINONE see: UY5776000
N-(1-HYDROXY-4-ADAMANTYL)-2-PYRROLIDONE see: UY5776000
HYDROXYADIPALDEHYDE see: MO1130000
alpha-HYDROXYADIPALDEHYDE see: MO1130000
2-HYDROXYADIPALDEHYDE see: MO1130000
2-(2-HYDROXYAETHOXY)AETHYLESTER der FLUTENAMINSAEURE (German) see: CB4400000
N-HYDROXYAETHYLLACTAMID (German) see: OD2400000
4-HYDROXYAFLATOXIN B1 see: GY1880000
4-HYDROXYAFLATOXIN B2 see: GY1720000
17-HYDROXY-17-alpha-ALLYL-4-ESTRENE see: KG7960000
(-)-3-HYDROXY-N-ALLYLMORPHINAN see: QD0350000
levo-3-HYDROXY-N-ALLYL MORPHINAN see: QD0350000
4''-HYDROXYAMICETIN see: CV2309000
1-HYDROXY-5-AMINOACENAPHTHENE see: AB1067000
N-HYDROXY-O-AMINOAZOTOLUENE see: NC5490000
2-HYDROXY-4-AMINOBENZOIC ACID see: VO1225000
N-HYDROXY-4-AMINOBIPHENYL see: NC3150000
4-HYDROXYAMINOBIPHENYL see: NC3150000
alpha-HYDROXY-gamma-AMINOBUTYRIC ACID see: ES7014990
beta-HYDROXY-alpha-AMINOBUTYRIC ACID see: ES7015000
alpha-HYDROXY-beta-AMINODIBENZYL see: KJ5950000
1-HYDROXY-2-AMINODIPHENYLETHANE see: KJ5950000
4-HYDROXY-3-AMINODIPHENYL HYDROCHLORIDE see: DV6150000
3-HYDROXY-4-AMINODIPHENYL SULPHATE see: DV6170000
5-HYDROXY-3-(beta-AMINOETHYL)INDOLE see: NM2450000
N-HYDROXY-2-AMINOFLUORENE see: NC3570000
N-HYDROXY-3-AMINOFLUORENE see: NC3600000
2-HYDROXY-4-AMINO-5-FLUOROPYRIMIDINE see: HA6040000
2-HYDROXY-6-AMINO-5-METHYL-4-CARBOXY PYRIMIDINE see: UV7718000
2-HYDROXYAMINO-6-METHYLDIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE see: NC3975000
3-HYDROXY-5-AMINOMETHYLISOXAZOLE see: NY3325000
3-HYDROXY-5-AMINOMETHYLISOXAZOLE-AGARIN see: NY3325000
3-HYDROXYAMINO-1-METHYL-5H-PYRIDO(4,3-b)INDOLE see: NC4015000
4-(HYDROXYAMINO)-5-METHYLQUINOLINE 1-OXIDE see: VB8750000
4-(HYDROXYAMINO)-6-METHYLQUINOLINE 1-OXIDE see: VB8925000
4-(HYDROXYAMINO)-7-METHYLQUINOLINE 1-OXIDE see: VB9100000
4-(HYDROXYAMINO)-8-METHYLQUINOLINE 1-OXIDE see: VB9275000
N-HYDROXY-1-AMINONAPHTHALENE see: NC4025000
N-HYDROXY-2-AMINONAPHTHALENE see: NC4200000
2-HYDROXYAMINO-1,4-NAPHTHOQUINONE see: QJ5776500
4-(HYDROXYAMINO)-6-NITROQUINOLINE 1-OXIDE see: VB9450000
4-(HYDROXYAMINO)-7-NITROQUINOLINE 1-OXIDE see: VB9625000
N-HYDROXY-2-AMINOPHENANTHRENE see: NC4745000
6-(p-HYDROXY-alpha-AMINOPHENYLACETAMIDO)PENICILLANIC ACID see: XH8300000
alpha-HYDROXY-beta-AMINOPROPYLBENZENE HYDROCHLORIDE see: DN4200000
6-HYDROXYAMINOPURINE see: AU6300000

4-HYDROXYAMINOPYRIDINE 1-OXIDE see: UT4381000
4-(HYDROXYAMINO)-6-QUINOLINECARBOXYLIC ACID 1-OXIDE see: VB2100000
4-(HYDROXYAMINO)QUINOLINE 1-OXIDE see: VB9800000
4-(HYDROXYAMINO)QUINOLINE 1-OXIDE, HYDROCHLORIDE see: VC0175000
trans-N-HYDROXY-4-AMINOSTILBENE see: NC5075000
4-(HYDROXYAMINO)TOLUENE see: NC5480000
p-HYDROXYAMPICILLIN see: XH8300000
2-HYDROXYANALINE see: SJ4950000
17-beta-HYDROXYANDROSTA-1,4-DIEN-3-ONE see: BV7994400
17-beta-HYDROXYANDROSTA-4,6-DIEN-3-ONE see: BV7994500
17-beta-HYDROXY-17-alpha-1,4-ANDROSTADIEN-3-ONE see: BV7994400
17-beta-HYDROXYANDROSTA-1,4-DIEN-3-ONE O-(2,4-DINITROPHENYL)OXIME see: BV7995000
3-alpha-HYDROXY-5-alpha-ANDROSTAN-17-ONE see: BV8053000
3-alpha-HYDROXY-17-ANDROSTANONE see: BV8053000
17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE see: BV8052000
17-beta-HYDROXY-5-beta-ANDROSTAN-3-ONE see: BV8054000
17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-BENZYLOXIME see: BV8058600
17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-METHYLOXIME see: BV8060160
17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-(p-NITROPHENYL)OXIME see: BV8060210
17-beta-HYDROXY-5-beta-ANDROSTAN-3-ONE O-(p-NITROPHENYL)OXIME see: BV8060220
17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-(p-NITROPHENYL)OXIME ACETATE (ester) see: BV8060230
17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-(p-NITROPHENYL)OXIME HEPTANOATE (ester) see: BV8060240
17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-(p-NITROPHENYL)OXIME NITRATE (ester) see: BV8060250
17-beta-HYDROXY-5-alpha-ANDROSTAN-3-ONE O-(4-NITRO-m-TOLYL)OXIME see: BV8060260
17-beta-HYDROXY-5-beta-ANDROSTAN-3-ONE O-PHENYLOXIME see: BV8060270
p-(((17-beta-HYDROXY-5-alpha-ANDROSTAN-3-YLIDENE)AMINO)OXY)BENZONITRILE see: DI4400000
17-beta-HYDROXY-5-alpha-ANDROST-2-ENE-2-METHANOL see: BV8154200
3-beta-HYDROXY-5-ANDROSTEN-17-ONE see: BV8396000
7-beta-HYDROXYANDROST-4 EN-3-ONE see: XA3030000
17-beta-HYDROXYANDROST-4-EN-3-ONE see: XA3030000
17-beta-HYDROXY-4-ANDROSTEN-3-ONE see: XA3030000
17-beta-HYDROXY-delta(sup 4)-ANDROSTEN-3-ONE see: XA3030000
17-beta-HYDROXY-9-beta,10-alpha-ANDROST-4-EN-3-ONE see: BV8396600 9-beta,10-alpha-ANDROST-4EN-3-ONE, 17-beta-HYDROXY-
17-beta-HYDROXYANDROST-4-EN-3-ONE O-(2,4-DINITROPHENYL)OXIME see: BV8397300
3-beta-HYDROXY-5-alpha-ANDROST-5-EN-17-ONE HYDROGEN SULFATE compd. with PAPAVERINE see: BV8397600
17-beta-HYDROXYANDROST-4-EN-3-ONE O-(p-NITROPHENYL)OXIME see: BV8515600
17-beta-HYDROXYANDROST-4-EN-3-ONE O-(2-PYRIDYL)OXIME see: BV8515800
17-beta-HYDROXYANDROST-4-EN-3-ONE O-(alpha,alpha,alpha-TRIFLUORO-p-TOLYL)OXIME see: BV8518500
o-HYDROXYANILINE see: SJ4950000
p-HYDROXYANILINE see: SJ5075000
3-HYDROXYANILINE see: SJ4900000
4-HYDROXYANILINE see: SJ5075000
m-HYDROXYANISOLE see: SL7524000
o-HYDROXYANISOLE see: SL7525000
2-HYDROXYANISOLE see: SL7525000
3-HYDROXYANISOLE see: SL7524000
3-HYDROXYANTHRANILIC ACID see: DG2625000
3-(3-HYDROXYANTHRANILOYL)ALANINE see: AY6475000
3-HYDROXY-ANTHRANILSAEURE (German) see: DG2625000
2-HYDROXYANTHRAQUINONE see: CB7179000
1-HYDROXY-9-ANTHRONE see: CB8980000

MY8434000 HYDROXYAPATITE
UPDT 8308
MUTATION DATA AND REFERENCES:
dnd-mam:lym 200 mg/L IJBBBQ 19,71,82

4-HYDROXY-3-ARSANILIC ACID see: CF9500000
HYDROXYATHYLSTARKE (German) see: WI0410000
3-HYDROXY-8-AZAXANTHINE see: XZ5960000
p-HYDROXYAZOBENZENE see: SM8300000
4-HYDROXYAZOBENZENE see: SM8300000
4-HYDROXY-3,4′-AZODI-1-NAPHTHALENESULFONIC ACID, DISODIUM SALT see: QK1925000
4-HYDROXY-3,4′-AZODI-1-NAPHTHALENESULPHONIC ACID, DISODIUM SALT see: QK1925000
2-HYDROXY-1,1′-AZONAPHTHALENE-3,6,4′-TRISULFONIC ACID TRISODIUM SALT see: QJ6550000
4′-HYDROXY-2,3′-AZOTOLUENE see: GP3400000
o-HYDROXYBENZALDEHYDE see: VN5250000
2-HYDROXYBENZALDEHYDE see: VN5250000
o-HYDROXYBENZAMIDE see: VN6475000
2-HYDROXYBENZAMIDE see: VN6475000
3-HYDROXY-1,2-BENZANTHRACENE see: CX5025000
5-HYDROXYBENZ(a)ANTHRACENE see: CX5025000
3-HYDROXY-7H-BENZ(de)ANTHRACEN-7-ONE see: CX5082000
3-HYDROXY-BENZANTHRONE see: CX5082000
HYDROXYBENZENE see: SJ3325000
4-HYDROXYBENZENEACETIC ACID see: AI2680000
alpha-HYDROXYBENZENEACETIC ACID MONOAMMONIUM SALT see: OO6475000
alpha-HYDROXYBENZENEACETIC ACID 3,3,5-TRIMETHYLCYCLOHEXYL ESTER see: OO8200000
p-HYDROXYBENZENEARSONIC ACID see: CY5075000
2-HYDROXYBENZENEMETHANOL see: DO6430000
3-HYDROXYBENZENEPHOSPHONIC ACID see: SZ8566100
4-HYDROXYBENZENEPHOSPHONIC ACID see: SZ8566300
HYDROXYBENZENESULFONIC ACID see: DB6950000
p-HYDROXYBENZENESULFONIC ACID ZINC SALT see: DB7120000
3-HYDROXYBENZISOTHIAZOLE-S,S-DIOXIDE see: DE4200000
m-HYDROXYBENZOIC ACID see: DH1924980
o-HYDROXYBENZOIC ACID see: VO0525000
p-HYDROXYBENZOIC ACID see: DH1925000
2-HYDROXYBENZOIC ACID see: VO0525000
3-HYDROXYBENZOIC ACID see: DH1924980
4-HYDROXYBENZOIC ACID see: DH1925000 see: DH1962000 BENZOIC ACID, 4-HYDROXY-, 4-BENZOYL-1-METHYL-4-PIPERIDINYL ESTER, conjugatemonoacid
p-HYDROXYBENZOIC ACID BUTYL ESTER see: DH1980000
p-HYDROXYBENZOIC ACID DECYL ESTER see: DH2085000
p-HYDROXYBENZOIC ACID DODECYL ESTER see: DH2185600
p-HYDROXYBENZOIC ACID ESTER with (3-HYDROXYPROPYL)GUANIDINE HYDROCHLORIDE see: DH2186000
p-HYDROXYBENZOIC ACID ETHYL ESTER see: DH2190000
p-HYDROXYBENZOIC ACID HEPTYL ESTER see: DH2202000
p-HYDROXYBENZOIC ACID HEXYL ESTER see: DH2204000
p-HYDROXYBENZOIC ACID ISOBUTYL ESTER see: DH2247000
p-HYDROXYBENZOIC ACID ISOPROPYL ESTER see: DH2250000
o-HYDROXYBENZOIC ACID, METHYL ESTER see: VO4725000
p-HYDROXYBENZOIC ACID METHYL ESTER see: DH2450000
2-HYDROXYBENZOIC ACID METHYL ESTER see: VO4725000
2-HYDROXYBENZOIC ACID MONOAMMONIUM SALT see: VO4900000
2-HYDROXYBENZOIC ACID MONOSODIUM SALT see: VO5075000
p-HYDROXYBENZOIC ACID (5-NITROFURFURYLIDENE)HYDRAZIDE see: DH2528300
p-HYDROXYBENZOIC ACID OCTYL ESTER see: DH2529050
p-HYDROXYBENZOIC ACID PENTYL ESTER see: DH2555000
p-HYDROXYBENZOIC ACID PROPYL ESTER see: DH2800000
p-HYDROXYBENZOIC ETHYL ESTER see: DH2190000
o-HYDROXYBENZOIC SODIUM SALT see: VO5075000
4-HYDROXYBENZONITRILE see: DI4375000
2-HYDROXYBENZO(a)PYRENE see: DJ8200000
3-HYDROXYBENZO(a)PYRENE see: DJ8225000
5-HYDROXYBENZO(a)PYRENE see: DJ8240000
6-HYDROXYBENZO(a)PYRENE see: DJ8260000
7-HYDROXYBENZO(a)PYRENE see: DJ8270000
8-HYDROXY-BENZO(a)PYRENE see: DJ6392800
9-HYDROXYBENZO(a)PYRENE see: DJ8280000
10-HYDROXYBENZO(a)PYRENE see: DJ8285000
11-HYDROXYBENZO(a)PYRENE see: DJ8290000
12-HYDROXYBENZO(a)PYRENE see: DJ8295000
HYDROXYBENZOPYRIDINE see: VC4200000
2-HYDROXYBENZOXAZOLE see: DM4905000
o-(p-HYDROXYBENZOYL)BENZOIC ACID see: DH1950000
HYDROXY-4 BENZOYL-2-FURANNE (French) see: OB3860000
3-(p-HYDROXY-BENZOYLOXY)PROPYLGUANIDINE HYDROCHLORIDE see: DH2186000
8-HYDROXY-3,4-BENZPYRENE see: DJ8225000
p-HYDROXYBENZYL ACETONE see: EL8925000
o-HYDROXYBENZYL ALCOHOL see: DO6430000
2-HYDROXYBENZYL ALCOHOL see: DO6430000
1-(2-HYDROXYBENZYLIDEN)AMINO-3,3-DIAETHYL-5-METHYL-2,4-PIPERIDINDION (German) see: TM7347000
p-((o-HYDROXYBENZYLIDENE)AMINO)BENZOIC ACID see: DH1964500
2-o-HYDROXYBENZYLIDENEAMINO-4-p-CHLOROPHENYLTHIAZOLE-5-ACETIC ACID METHYL ESTER see: XJ1876000
2-p-HYDROXYBENZYLIDENEAMINO-4-p-CHLOROPHENYLTHIAZOLE-5-ACETIC ACID METHYL ESTER see: XJ1877000
2-HYDROXYBIFENYL (Czech) see: DV5775000
o-HYDROXYBIPHENYL see: DV5775000
p-HYDROXYBIPHENYL see: DV5850000
2-HYDROXYBIPHENYL see: DV5775000
4-HYDROXYBIPHENYL see: DV5850000
N-HYDROXY-N-4-BIPHENYLACETAMIDE see: AK8225000
N-HYDROXY-4-BIPHENYLBENZAMIDE see: DF9800000
2-HYDROXYBIPHENYL SODIUM SALT see: DV7700000
N-HYDROXY-4-BIPHENYLYLBENZAMIDE see: DF9800000
HYDROXY-4-BIPHENYLYLBENZENESULFONAMIDE see: DB0350000
HYDROXYBIS(2-(p-CHLOROPHENOXY)ISOBUTYRIC ACID) ALUMINUM see: BD0348000
1-HYDROXY-5,8-BIS(((2-((2-HYDROXYETHYL)AMINO)ETHYL)AMINO))-9,10-ANTHRACENEDIONE see: CB5749300
12′-HYDROXY-2′,5′-alpha-BIS(1-METHYLETHYL)ERGOTAMAN-3′,6′,18-TRIONE see: KE7630000
2-HYDROXY-5-BROMOTOLUENE-alpha,alpha-DIOL TRIACETATE (ester) see: XT2185000
17-beta-HYDROXY-17-alpha-BUTADIYNYL-ESTR-4-EN-3-ONE see: KG7961940
3-HYDROXYBUTANAL see: ES3150000
1-HYDROXYBUTANE see: EO1400000
2-HYDROXYBUTANE see: EO1750000
4-HYDROXYBUTANOIC ACID LACTONE see: LU3500000
3-HYDROXYBUTANOIC ACID, beta-LACTONE see: RQ8050000
4-HYDROXYBUTANOIC ACID, gamma-LACTONE see: LU3500000
3-HYDROXY-2-BUTANONE see: EL8790000
2-HYDROXY-3-BUTENENITRILE see: EM8225000
5-(4-HYDROXY-2-BUTENYLIDENE)-3-(3-HYDROXYPROPENYL)-2(5H)-FURANONE see: LU4700000
o-(2-HYDROXY-3-(tert-BUTYLAMINO)PROPOXY)BENZONITRILE HYDROCHLORIDE see: DI2540000
m-HYDROXYBUTYLBENZENE see: SJ8810000
1-HYDROXY-4-tert-BUTYLBENZENE see: SJ8925000
4-HYDROXYBUTYLBUTYLNITROSAMINE see: EL1225000
4-((4-HYDROXYBUTYL)NITROSAMINO)BUTYRIC ACID METHYL ESTER ACETATE (ester) see: ET4210000
5-(3-HYDROXYBUTYL)-1-PHENYLBARBITURIC ACID see: CQ7068510 BARBITURIC ACID, 5-(3-HYDROXYBUTYL)-1-PHENYL-
5-(4-HYDROXYBUTYL)-1-PHENYLBARBITURIC ACID see: CQ7068520 BARBITURIC ACID, 5-(4-HYDROXYBUTYL)-1-PHENYL-
8-(o-(4-(3-HYDROXY-n-BUTYL)PIPERAZIN-1-YL)HEXYLAMINO)-6-METHOXYQUINOLINE see: TM2676000
8-(6-(4-(3-HYDROXYBUTYL)PIPERAZIN-1-YLHEXYL)AMINO)-6-METHOXYQUINOLINE DI(HYDROGEN MALEATE) see: TM2676100
4-HYDROXYBUTYL(2-PROPENYL)NITROSAMINE see: EK9300000
beta-HYDROXYBUTYRALDEHYDE see: ES3150000
3-HYDROXYBUTYRALDEHYDE see: ES3150000
gamma-HYDROXYBUTYRATE SODIUM SALT see: ET4750000 BUTYRIC ACID, 4-HYDROXY-, SODIUM SALT
gamma-HYDROXYBUTYRIC ACID CYCLIC ESTER see: LU3500000
HYDROXYBUTYRIC ACID LACTONE see: RQ8050000
gamma-HYDROXYBUTYRIC ACID LACTONE see: LU3500000
3-HYDROXYBUTYRIC ACID LACTONE see: RQ8050000
3-HYDROXYBUTYRIC ACID, beta-LACTONE see: RQ8050000
4-HYDROXYBUTYRIC ACID LACTONE see: LU3500000
4-HYDROXYBUTYRIC ACID, gamma-LACTONE see: LU3500000
4-HYDROXYBUTYRIC ACID SODIUM SALT see: ET4750000
gamma-HYDROXYBUTYROLACTONE see: LU3500000
2-HYDROXYCAMPHANE see: ED7000000
(S)-10-HYDROXYCAMPTOTHECIN HYDRATE see: UQ0491700
HYDROXYCARBAMIC ACID ETHYL ESTER see: FB1750000
N-HYDROXYCARBAMIC ACID 2,3,5,-TRIMETHYLPHENYL ESTER see: FB2715000
N-HYDROXYCARBAMIC ACID 2,4,5-TRIMETHYLPHENYL ESTER see: FB2716000
HYDROXYCARBAMIDE see: YT4900000
HYDROXYCARBAMINE see: YT4900000
2-HYDROXYCARBAMOYL-1-METHYLPYRIDINIUM IODIDE see: UU5190000 PYRIDINIUM, 2-HYDROXYCARBAMOYL-1-METHYL-, IODIDE
3-HYDROXYCARBAMOYL-1-METHYLPYRIDINIUM IODIDE see: UU5192000 PYRIDINIUM, 3-HYDROXYCARBAMOYL-1-METHYL-, IODIDE
4-HYDROXYCARBAMOYL-1-METHYLPYRIDINIUM IODIDE see: UU5194000 PYRIDINIUM, 4-HYDROXYCARBAMOYL-1-METHYL-, IODIDE
m-HYDROXYCARBANILIC ACID METHYL ESTER m-METHYLCARBANILATE see: FD9050000
5-HYDROXY-2-(9-CARBAZOLYLMETHYL)-4H-PYRAN-4-ONE see: UQ0509300
3-HYDROXY-4-CARBOXYANILINE see: VO1225000
HYDROXY-3 CETO-12 CHOLANATE de Na (French) see: FZ2281100
HYDROXY-12 CETO-3 CHOLANATE de Na (French) see: FZ2281200
8-HYDROXY-CHINOLIN-SULFAT (German) see: VC8260000
2-HYDROXY-5-CHLORO-N-(2-CHLORO-4-NITROPHENYL)BENZAMIDE see: VN8400000
4-(4-HYDROXY-4′-CHLORO-4-PHENYLPIPERIDINO)-4′-FLUOROBUTYROPHENONE see: EU1575000

2-axial-HYDROXY-2-equatorial-(4-CHLOROPHENYL)QUINOLIZIDINE see: VC8610100
2-equatorial-HYDROXY-2-axial-(3-CHLOROPHENYL)QUINOLIZIDINE see: VC8610200
2-equatorial-HYDROXY-2-axial-(4-CHLOROPHENYL)QUINOLIZIDINE see: VC8610300
3-alpha-HYDROXYCHOLANIC ACID see: FZ2275000
3-alpha-HYDROXY-5-beta-CHOLANIC ACID see: FZ2275000
HYDROXYCHOLECALCIFEROL see: FZ4650000
1-HYDROXYCHOLECALCIFEROL see: FZ4650000
1-alpha-HYDROXYCHOLECALCIFEROL see: FZ4650000
3-beta-HYDROXYCHOLESTANE see: FZ6350000
3-beta-HYDROXYCHOLEST-5-ENE see: FZ8400000
6-HYDROXYCHOLEST-4-EN-3-ONE see: FZ8150000
3-HYDROXYCINCHOPHEN see: GD3900000
HYDROXYCINCHOPHENE see: GD3900000
HYDROXYCINE see: KK2275000
p-HYDROXYCINNAMIC ACID see: GD9094000
4-HYDROXYCINNAMIC ACID see: GD9094000
4'-HYDROXYCINNAMIC ACID see: GD9094000
o-HYDROXYCINNAMIC ACID, 2-(4-(p-CHLOROPHENYL)-1-PIPERAZINYL)ETHYL ESTER see: GD9096000
o-HYDROXYCINNAMIC ACID LACTONE see: GN4200000
o-HYDROXYCINNAMIC LACTONE see: GN4200000
HYDROXYCITRONELLAL see: RG7850000
7-HYDROXYCITRONELLAL see: RG7850000
HYDROXYCITRONELLAL METHYL ETHER see: RG7890000
HYDROXYCITRONELLOL see: RG9605000
11-HYDROXYCORTICOALDOSTERONE see: GM7650000
17-HYDROXYCORTICOSTERONE see: GM8925000
HYDROXY CORTICOSTERONE ACETATE see: GM8960000
17-HYDROXYCORTICOSTERONE ACETATE see: GM8960000
17-HYDROXYCORTICOSTERONE-21-ACETATE see: GM8960000
17-alpha-HYDROXYCORTICOSTERONE ACETATE see: GM8960000
HYDROXYCORTISONE see: GM8925000
11-beta-HYDROXYCORTISONE see: GM8925000
4-HYDROXYCOUMARIN see: DJ3100000
(HYDROXY-4 COUMARINYL 3)-3 PHENYL-3 (BROMO-4 BIPHENYLYL-4)-1 PROPANOL-1 (French) see: GN4934700
1-(4'-HYDROXY-3'-COUMARINYL)-1-PHENYL-3-BUTANONE see: GN4550000
3-HYDROXYCROTONIC ACID METHYL ESTER DIMETHYL PHOSPHATE see: GQ5250000
1-HYDROXYCUMENE see: DO4562000
1-HYDROXY-CYCLOBUT-1-ENE-3,4-DIONE see: QA6130000
3-HYDROXYCYCLOHEXADIEN-1-ONE see: VG9625000
HYDROXYCYCLOHEXANE see: GV7875000
2-HYDROXYCYCLOHEXANE-1,1,3,3-TETRAMETHANOL TETRAESTER with NICOTINIC ACID see: QT2065000
N-(trans-p-HYDROXYCYCLOHEXYL)-(2-AMINO-3,5-DIBROMOBENZYL)AMINE see: GV8423000
N-(trans-4-HYDROXYCYCLOHEXYL)-(2-AMINO-3,5-DIBROMOBENZYL)-AMINE see: GV8423000
4-(alpha-2-HYDROXYCYCLOHEXYLBENZYL)-1-METHYL-1-PROPYLPIPERAZINIUM IODIDE see: TM3395800
(-)-alpha-(1-HYDROXYCYCLOHEXYL)-4-BIPHENYLACETIC ACID METHYL ESTER see: DU8346000
(+)-alpha-(1-HYDROXYCYCLOHEXYL)-4-BIPHENYLACETIC ACID METHYL ESTER see: DU8346100
alpha-(1-HYDROXYCYCLOHEXYL)BUTYRIC ACID see: GU6555200
1-(4-HYDROXYCYCLOHEXYL)-5-ISOPENTYLBARBITURIC ACID see: CQ7068530 BARBITURIC ACID, 1-(4-HYDROXYCYCLOHEXYL)-5-ISOPENTYL-
1-(4-HYDROXYCYCLOHEXYL)-5-ISOPROPYLBARBITURIC ACID see: CQ7068540 BARBITURIC ACID, 1-(4-HYDROXYCYCLOHEXYL)-5-ISOPROPYL-
1-(4-HYDROXYCYCLOHEXYL)-5-METHYLBARBITURIC ACID see: CQ7068550 BARBITURIC ACID, 1-(4-HYDROXYCYCLOHEXYL)-5-METHYL-
1-(4-HYDROXYCYCLOHEXYL)-5-METHYLBARBITURIC ACID ACETATE (ester) see: CQ7068560 BARBITURICACID, 1-(4-HYDROXYCYCLOHEXYL)-5-METHYL-, ACETATE (ester)
1-(4-HYDROXYCYCLOHEXYL)-5-OCTYLBARBITURIC ACID see: CQ7068565 BARBITURIC ACID, 1-(4-HYDROXYCYCLOHEXYL)-5-OCTYL-
1-(4-HYDROXYCYCLOHEXYL)-5-PENTYLBARBITURIC ACID see: CQ7068570 BARBITURIC ACID, 1-(4-HYDROXYCYCLOHEXYL)-5-PENTYL-
1-(4-HYDROXYCYCLOHEXYL)-5-PENTYLBARBITURIC ACID ACETATE (ester) see: CQ7068575 BARBITURICACID, 1-(4-HYDROXYCYCLOHEXYL)-5-PENTYL-, ACETATE (ester)
1-(4-HYDROXYCYCLOHEXYL)-5-PHENYLBARBITURIC ACID see: CQ7068580 BARBITURIC ACID, 1-(4-HYDROXYCYCLOHEXYL)-5-PHENYL-
1-(4-HYDROXYCYCLOHEXYL)-5-PROPYLBARBITURIC ACID see: CQ7068590 BARBITURIC ACID, 1-(4-HYDROXYCYCLOHEXYL)-5-PROPYL-
5-(1-HYDROXYCYCLOHEXYL)-N,N,N-TRIETHYL-4-PENTYN-1-AMINIUM IODIDE see: SC4684000
4-HYDROXYCYCLOPHOSPHAMIDE see: RP5925000
17-HYDROXY-3'H-CYCLOPROPA(1,2)PREGNA-4,6-DIENE-3,20-DIONE ACETATE see: GZ2226000
(-)-3-HYDROXY-N-CYCLOPROPYLMETHYLMORPHINAN see: QC9100000
2-HYDROXY-p-CYMENE see: FI1225000
3-HYDROXY-p-CYMENE see: XP2275000
N-4-HYDROXYCYTIDINE see: YU8080000
4-N-HYDROXYCYTIDINE see: YU8080000
14-HYDROXYDAUNOMYCIN see: AV9800000
14'-HYDROXYDAUNOMYCIN see: AV9800000
14-HYDROXYDAUNORUBICINE see: AV9800000
2-HYDROXYDECALIN see: QK4240000
HYDROXYDECANOIC ACID gamma-LACTONE see LU4600000
HYDROXYDE DE POTASSIUM (French) see: TT2100000
HYDROXYDE DE SODIUM (French) see: WB4900000
HYDROXYDE DE TETRAMETHYLAMMONIUM (French) see: PA0875000
HYDROXYDE DE TRIPHENYL-ETAIN (French) see: WH8575000
17-HYDROXY-11-DEHYDROCORTICOSTERONE see: GM9020000
17-alpha-HYDROXY-11-DEHYDROCORTICOSTERONE see: GM9020000
5-HYDROXY-alpha-6-DEOXYTETRACYCLINE see: QI8650000
3-HYDROXY-4,15-DIACETOXY-8-(3-METHYLBUTYRYLOXY)-12,13-EPOXY-delta(sup 9)-TRICHOTHECENE see: YD0100000
7-HYDROXYDIACETOXYSCIRPENOL see: YD0079000
HYDROXYDIAL see: CP8575000
HYDROXYDIAZEPAM see: DF1225000
3-HYDROXYDIAZEPAM see: DF1225000
5-HYDROXY-DIBENZ(a,h)ANTHRACENE see: HN5787000
4-HYDROXY-3,5-DIBROMOBENZONITRILE see: DI3150000
4-HYDROXY-3,5-DI-tert-BUTYLTOLUENE see: GO7875000
2-HYDROXY-3-(3,3-DICHLOROALLYL)-1,4-NAPHTHOQUINONE see: QJ5728000
2-HYDROXY-3,5-DICHLOROPHENYL SULPHIDE see: SN0525000
4'-(2-HYDROXY-3-((2-DIETHYLAMINOETHYL)AMINO)PROPOXY)PROPIOPHENONE see: UH2050000
p-HYDROXY-N-(3-DIETHYLAMINOPROPYL)BENZAMIDE see: CV4239000
p-HYDROXYDIFENYLAMIN (Czech) see: SJ6950000
para-HYDROXYDIFENYLAMIN (Czech) see: SJ6950000
2-(HYDROXY)-5-(2,4-DIFLUOROPHENYL)BENZOIC ACID see: DV2030000
1-beta-HYDROXYDIGITOXIGENIN see: FH5335000
7-beta,8-alpha-HYDROXY-7,8-DIHYDROBENZO(a)PYRENE see: DJ6307000
HYDROXYDIHYDROCYCLOPENTADIENE see: PC1223000
N(4)-HYDROXY-5,6-DIHYDRO-6-HYDROXYAMINODEOXYCYTIDINE see: HA3880000
20-alpha-HYDROXYDIHYDROPROGESTERONE see: TU5559900
20-beta-HYDROXYDIHYDROPROGESTERONE see: TU5560000
1-HYDROXY-1,2-DIHYDRO-3H-PYRROLIZINE see: UY8427340
14-HYDROXYDIHYDRO-6-beta-THEBAINOL 4-METHYL ETHER see: QC8900000
4-(4-HYDROXY-3,5-DIIODOBENZAMIDO)BENZOIC ACID see: DG8597600
4-(4-HYDROXY-3,5-DIIODOBENZENESULFONAMIDO)BENZOIC ACID see: DG8597650
N-(4-HYDROXY-3,5-DIIODOBENZENESULFONYL)ANTHRANILIC ACID see: CB2999550
4-HYDROXY-3,5-DIIODOBENZONITRILE see: DI4025000
N-(4-HYDROXY-3,5-DIIODOBENZOYL)ANTHRANILIC ACID see: CB2999570
N-(4-HYDROXY-3,5-DIIODOPHENETHYL)-N-METHYL-beta-ALANINE see: AY6710000
3-(4-(4-HYDROXY-3,5-DIIODOPHENOXY)-3,5-DIIODOPHENYL)ALANINE see: XP3582400
beta-(4-HYDROXY-3,5-DIIODOPHENYL)-alpha-PHENYLPROPIONIC ACID see: MW5150000
beta-HYDROXY-beta-(2,5-DIMETHOXYPHENYL)-ISOPROPYLAMINE HYDROCHLORIDE see: DN4025000
17-beta-HYDROXY-7-beta,17-alpha-DIMETHYLANDROST-4-ENE-3-ONE see: BV8385000
HYDROXYDIMETHYLARSINE OXIDE see: CH7525000
HYDROXYDIMETHYLARSINE OXIDE, SODIUM SALT see: CH7700000
HYDROXYDIMETHYLARSINE OXIDE SODIUM SALT TRIHYDRATE see: CH7890000
3-HYDROXY-7,12-DIMETHYLBENZ(a)ANTHRACENE see: CX5035000
1-HYDROXY-2,4-DIMETHYLBENZENE see: ZE5600000
3-HYDROXYDIMETHYL CROTONAMIDE DIMETHYL PHOSPHATE see: TC3850000
3-HYDROXY-N,N-DIMETHYL-cis-CROTONAMIDE DIMETHYL PHOSPHATE see: TC3850000
HYDROXY-6 DIMETHYL-2,6 DIHYDRO-5,6 4H IMIDAZO-(4,5,1-ij)-QUINOLEINE CHLORHYDRATE (French) see: NJ5912000
2'-HYDROXY-5,9-DIMETHYL-2-(3,3-DIMETHYLALLYL)-6,7-BENZOMORPHAN see: PB8750000
dl-2'-HYDROXY-5,9-DIMETHYL-2-(3,3-DIMETHYLALLYL)-6,7-BENZOMORPHAN see: PB8750000
7-HYDROXY-3,7-DIMETHYLOCTAN-1-AL see: RG7850000
7-HYDROXY-3,7-DIMETHYLOCTAN-1-OL see: RG9605000
3-HYDROXY-4,5-DIMETHYLOL-alpha-PICOLINE see: UV1300000
3-HYDROXY-4,5 DIMETHYLOL-alpha-PICOLINE HYDROCHLORIDE see: UV1350000
p-HYDROXY-N,N-DIMETHYLPHENETHYLAMINE see: SL1225000
3-HYDROXY-1,1-DIMETHYLPIPERIDINIUM BROMIDE BENZILATE see: TN5950000
3-HYDROXY-1,1-DIMETHYLPYRROLIDINIUM BROMIDE, alpha-PHENYL-2-THIOPHENEGLYCOLATE see: UY4550000
1-HYDROXY-2,4-DINITROBENZENE see: SL2800000
beta-(2-HYDROXY-3,5-DINITROPHENYL)BUTANE ACETATE see: AF7140000
HYDROXYDIONE see: TU4157250
HYDROXYDIONE SUCCINATE see: TU4157250
o-HYDROXYDIPHENYL see: DV5775000
p-HYDROXYDIPHENYL see: DV5850000
2-HYDROXYDIPHENYL see: DV5775000
4-HYDROXYDIPHENYL see: DV5850000
3-((HYDROXYDIPHENYLACETYL)OXY)-1,1-DIMETHYLPIPERIDINIUM BROMIDE see: TN5950000
p-HYDROXYDIPHENYLAMINE see: SJ6950000
4-HYDROXYDIPHENYLAMINE see: SJ6950000
p-HYDROXYDIPHENYLAMINE ISOPROPYL ETHER see: JJ9500000
4-HYDROXYDIPHENYLARSINOUS ACID see: SM8327000
4-HYDROXYDIPHENYLDIMETHYLMETHANE see: SL1942450
2-HYDROXY-1,2-DIPHENYLETHYLAMINE see: KJ5950000
4,4'-HYDROXY-gamma,delta-DIPHENYL-beta,delta-HEXADIENE see: SL0580000
HYDROXYDIPHENYLMETHANE see: DC7452000
alpha-HYDROXYDIPHENYLMETHANE-beta-DIMETHYLAMINOETHYL ETHER HYDROCHLORIDE see: KR7000000
5-HYDROXY-3-(DIPHENYLMETHYL)-2-INDOLECARBOXYLIC ACID see: NL5999200
HYDROXYDIPHENYLPHOSPHINE OXIDE see: SZ5315000
2-HYDROXYDIPHENYL SODIUM see: DV7700000
2-HYDROXYDIPHENYL, SODIUM SALT see: DV7700000
5-HYDROXYDODECANOIC ACID LACTONE see: UQ0850000
5-HYDROXYDODECANOIC ACID delta-LACTONE see: UQ0850000
6-HYDROXYDOPAMINE see: DC4580000
6-HYDROXYDOPAMINE HYDROCHLORIDE see: DC4650000
N-HYDROXY-EAB see: NC3567000
20-HYDROXYECDYSONE see: FZ8060000
9-HYDROXYELLIPTICIN see: UU8886500
9-HYDROXYELLIPTICINE see: UU8886500
HYDROXY-9 ELLIPTICINE (French) see: UU8886500
3-beta-HYDROXY-14,15-beta-EPOXY-5-beta-BUFA-20,22-DIENOLIDE see: EI2975000
3-HYDROXY-1,2-EPOXYPROPANE see: UB4375000
10-HYDROXYESTRA-1,4-DIENE-3,17-DIONE see: KG2910000
16-alpha-HYDROXYESTRADIOL see: KG8225000
17-beta-HYDROXY-ESTRA-4-EN-3-ONE, 17-PHENYLPROPIONATE see: KG7995000
1'-HYDROXYESTRAGOLE see: DO9200000
1'-HYDROXY-ESTRAGOLE-2',3'-OXIDE see: DO5464200
17-beta-HYDROXY-5-alpha-ESTRAN-3-ONE O-(2,4-DINITROPHENYL)OXIME see: KG5996000
3-HYDROXYESTRA-1,3,5(10),6,8-PENTAEN-17-ONE see: KG6125000
3-HYDROXYESTRA-1,3,5,7,9-PENTAEN-17-ONE BENZOATE see: KD7175000
3-HYDROXYESTRA-1,3,5(10),7-TETRAEN-17-ONE see: KG6650000
3-HYDROXYESTRA-1,3,5(10),7-TETRAEN-17-ONE, BENZOATE see: KD7875000
3-HYDROXYESTRA-1,3,5(10)-TRIEN-17-ONE see: KG8575000
3-HYDROXYESTRA-1,3,5(10)-TRIEN-17-ONE BENZOATE see: KG8750000
17-beta-HYDROXYESTR-4-EN-3-ONE BROMOACETATE see: KG7964500
17-beta-HYDROXYESTR-4-EN-3-ONE DECANOATE see: KG7967000
17-beta-HYDROXYESTR-4-EN-3-ONE O-(2,4-DINITROPHENYL)OXIME see: KG7985000
17-beta-HYDROXYESTR-4-EN-3-ONE O-(o-NITROPHENYL)OXIME see: KG8031000
17-beta-HYDROXYESTR-4-EN-3-ONE O-(p-NITROPHENYL)OXIME see: KG8031100
17-beta-HYDROXYESTR-4-EN-3-ONE O-PHENYLOXIME see: KG8032000
17-beta-HYDROXYESTR-4-EN-3-ONE O-(2-PYRIDYL)OXIME see: KG8036000
HYDROXYESTRIN BENZOATE see: KG4050000
1-HYDROXYETHANECARBOXYLIC ACID see: OD2800000
2-HYDROXYETHANESULFONIC ACID AMMONIUM SALT see: KI7352000
2-HYDROXY-1-ETHANETHIOL see: KL5600000
HYDROXY ETHER see: KK8050000
17-beta-HYDROXY-17-alpha-ETHINYL-5(10)-ESTREN-3-ONE see: PC8980000
4'-((4-(2-HYDROXYETHOXY)-9-ACRIDINYL)AMINO)-3'-METHOXYMETHANESULFONANILIDE see: PB0770000
4'-(4-(2-HYDROXYETHOXY)-9-ACRIDINYLAMINO)-3'-METHOXYMETHANESULFONANILIDE HYDROCHLORIDE see: PB0770200
4-HYDROXY-3-ETHOXYBENZALDEHYDE see: CU6125000
o-(2-HYDROXYETHOXY)BENZOIC ACID see: DH2186500
N-(alpha-(beta'-HYDROXYETHOXY)ETHYL)INDOLE see: KL3695000
10-(3-(4-HYDROXYETHOXYETHYL-1-PIPERAZINYL)-2-METHYLPROPYL)PHENOTHIAZINE see: KL8000000
2-(2-HYDROXYETHOXY)ETHYL-N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)ANTHRANILATE see: CB4400000
9-(2-HYDROXYETHOXYMETHYL)GUANINE see: UO7504000
9-((2-HYDROXYETHOXY)METHYL)GUANOSINE see: UO7504000
HYDROXYETHYL ACETAMIDE see: AC3120000
beta-HYDROXYETHYLACETAMIDE see: AC3120000
N-(2-HYDROXYETHYL)ACETAMIDE see: AC3120000

N-beta-HYDROXYETHYLACETAMIDE see: AC3120000
2'-(2-HYDROXYETHYL)ACETANILIDE see: AE4206000
2-HYDROXYETHYL ACETATE see: KW7175000
1-(2-HYDROXYETHYL)-4-(3-(2-ACETYL-10-PHENOTHIAZYL)PROPYL)PIPERAZINE see: OB4180000
HYDROXYETHYL ACRYLATE see: AT1750000
beta-HYDROXYETHYL ACRYLATE see: AT1750000
2-HYDROXYETHYL ACRYLATE see: AT1750000
1-(2-HYDROXYETHYL)AMIDINO-3-(2,6-XYLYL)-UREA SULFATE see: YT1458960
beta-HYDROXYETHYLAMINE see: KJ5775000
2-HYDROXYETHYLAMINE see: KJ5775000
4-(2-HYDROXYETHYLAMINO)-2-(5-AMINO-2-THIENYL)QUINAZOLINE see: KJ6800000
N-HYDROXY-N-ETHYL-4-AMINOAZOBENZENE see: NC3567000
8-(2-HYDROXYETHYLAMINO)CAFFEINE see: EV6565000 CAFFEINE, 8-(2-HYDROXYETHYLAMINO)-
3-(2-(2-HYDROXYETHYLAMINO)ETHYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6273000
7-(3-(N-(2-HYDROXYETHYL)AMINO)-2-HYDROXYPROPYL)THIOPHYLLINE NICOTINATE see: QT1500000
N-(2-HYDROXYETHYL)AMINOMETHYL-4-METHOXYNITROBENZENE see: KL6530000 ETHANOL, 2-(((2-METHOXY-5-NITROPHENYL)METHYL)AMINO)-
2-(beta-HYDROXYETHYLAMINOMETHYL)-1,4-BENZODIOXANE HYDROCHLORIDE see: KJ7528250
N-(2-HYDROXYETHYL)AMINOMETHYL-4-ETHOXYNITROBENZENE see: KK8996000 ETHANOL, 2-(((2-ETHOXY-5-NITROPHENYL)METHYL)AMINO)-
N-(2-HYDROXYETHYL)AMINOMETHYL-4-HYDROXYNITROBENZENE see: SL5079000 PHENOL, 2-(((2-HYDROXYETHYL)AMINO)METHYL)-4-NITRO-
2-(((2-HYDROXYETHYL)AMINO)METHYL)-4-NITROPHENOL see: SL5079000 PHENOL, 2-(((2-HYDROXYETHYL)AMINO)METHYL)-4-NITRO-
4-N-beta-HYDROXYETHYL-AMINO-3-NITROANISOLE see: KL6520000 ETHANOL, 2-((4-METHOXY-2-NITROPHENYL)AMINO)-
4-(2-HYDROXYETHYLAMINO)-2-(5-NITRO-2-THIENYL)QUINAZOLINE see: VA1450000
3-(3-(2-HYDROXYETHYLAMINO)PROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HCl see: XJ6273500
2-HYDROXYETHYL p-AMINOSALICYLATE see: VO1640000
9-(2-HYDROXYETHYL)-9-AZABICYCLO(3.3.1)NONANE DIPHENYLCHLOROACETATE see: CL5493000
beta-HYDROXY-1-ETHYLAZIRIDINE see: CM7000000
N-(beta-HYDROXYETHYL)AZIRIDINE see: CM7000000
N-(2-HYDROXYETHYL)AZIRIDINE see: CM7000000
2-HYDROXY-1-ETHYLAZIRIDINE see: CM7000000
10-beta-HYDROXYETHYL-1:2-BENZANTHRACENE see: CW5250000
beta-HYDROXYETHYLBENZENE see: SG7175000
3-(2-HYDROXYETHYL)-2-BENZOXAZOLINONE see: DM5271800
6-(1-HYDROXYETHYL)-2-BENZOXAZOLINONE see: DM5271810
N-HYDROXYETHYLBENZOXAZOLONE see: DM5271800
5-(beta-HYDROXYETHYL)-5-BUTYLMALONYLUREA CARBAMATE see: CQ2311000
beta-HYDROXYETHYLCARBAMATE see: FB1925000
N-HYDROXY ETHYL CARBAMATE see: FB1750000
2-HYDROXYETHYLCARBAMATE see: FB1925000
4'-((4-(N-(2-HYDROXYETHYL)CARBAMOYL)-9-ACRIDINYL)AMINO)-3'-METHOXYMETHANESULFONANILIDE see: PB0780000
4'-(1-((2-HYDROXYETHYL)CARBAMOYL)ETHOXY)ACETANILIDE see: AE4207000
1-(2-HYDROXYETHYL)-3-(2-CHLOROETHYL)-3-NITROSOUREA see: YS4986000
2-HYDROXYETHYL 2-CHLOROETHYL SULFIDE see: KK1750000
1-(2-HYDROXYETHYL)-4-(3-(2-CHLORO-10-PHENOTHIAZINYL)PROPYL)PIPERAZINE see: TL7175000
HYDROXYETHYL CNU see: YS4986000
HYDROXYETHYL-CNU-METHANESULFONATE see: YS4986100
HYDROXYETHYL CNU METHANESULPHONATE see: YS4986100
1-HYDROXY-alpha-ETHYLCYCLOHEXYLACETIC ACID see: GU6555200
N-(2-HYDROXYETHYL)CYCLOHEXYLAMINE see: KK3530000
5-(3-(4-(2-HYDROXYETHYL)-1-DIAZEPINYL)PROPYL)-5H-DIBENZ(b,f)AZEPINE FUMARATE see: HO2625000
N-(4-(beta-HYDROXYETHYL)DIETHYLENEDIAMINO-1-METHYL)TETRACYCLINE see: QI8575000
4-beta-HYDROXYETHYLDIETHYLENEDIAMINOMETHYLTETRACYCLINE see: QI9277600
N-(HYDROXYETHYL)DIETHYLENETRIAMINE see: IE1575000
beta-HYDROXYETHYLDIMETHYLAMINE see: KK6125000
(2-HYDROXYETHYL)DIMETHYL(1-METHYL-2-PHENOTHIAZIN-10-YLETHYL)AMMONIUM CHLORIDE see: BR0990000
N-HYDROXYETHYLENEDIAMINETRIACETIC ACID see: MB9185000
N-HYDROXYETHYL-1,2-ETHANEDIAMINE see: KJ6300000
7-(N-(beta-HYDROXYETHYL)-N-ETHYL)-AMINOETHYL-8-BENZYL-THEOPHYLLINE see: XH4900000
N-(beta-HYDROXYETHYL)ETHYLENEDIAMINE see: KJ6300000
N-(2-HYDROXYETHYL)ETHYLENEDIAMINE see: KJ6300000
N-(beta-HYDROXYETHYLETHYLENEDIAMINE)-N,N',N'-TRIACETIC ACID see: MB9185000
(N-HYDROXYETHYLETHYLENEDINITRILO)TRIACETIC ACID see: MB9185000
N-HYDROXYETHYL ETHYLENE IMINE see: CM7000000
N-(2-HYDROXYETHYL)ETHYLENIMINE see: CM7000000
1-(2-HYDROXYETHYL)ETHYLENIMINE see: CM7000000
2-HYDROXYETHYL-5-ETHYLPYRIDINE see: UT3150000
N-HYDROXYETHYL-N-ETHYL-m-TOLUIDINE see: KL1320000
(2-HYDROXYETHYL)GUANIDINE BENZOATE (ester), MONONITRATE see: MF3570000
1-HYDROXYETHYL-2-HEPTADECENYLGLYOXALIDINE see: NJ2800000
1-(2-HYDROXYETHYL)-2-HEPTADECENYLGLYOXALIDINE see: NJ2800000
1-(2-HYDROXYETHYL)-2-HEPTADECENYL-2-IMIDAZOLINE see: NJ2800000
1-(2-HYDROXYETHYL)-2-n-HEPTADECENYL-2-IMIDAZOLINE see: NJ2800000
1-(2-HYDROXYETHYL)-2-(8-HEPTADECENYL)-2-IMIDAZOLINE see: NJ2800000
HYDROXYETHYL HYDRAZINE see: KL2800000
beta-HYDROXYETHYLHYDRAZINE see: KL2800000
N-(2-HYDROXYETHYL)HYDRAZINE see: KL2800000
5-(2-HYDROXYETHYL)-3-((4-HYDROXY-2-METHYL-5-PYRIMIDINYL)METHYL)-4-METHYL-THIAZOLIUM see: XJ7050290
3-(1-HYDROXYETHYLIDENE)-6-METHYL-2H-PYRAN-2,4(3H)-DIONE, SODIUM SALT see: UP8225000
17-((2-HYDROXYETHYL)IMINO)ANDROST-5-EN-3-OL 3-ACETATE see: BV8250000
2,2'-((2-HYDROXYETHYL)IMINO BIS(N-(alpha,alpha-DIMETHYLPHENETHYL)-N-METHYL-ACETAMIDE see: AC3325000
2,2'-((2-HYDROXYETHYL)IMINO)BIS(N-(1,1-DIMETHYL-2-PHENYLETHYL)-N-METHYLACETAMIDE) see: AC3325000
(N-HYDROXYETHYL)ISOPROPYLAMINE see: KL5080000
beta-HYDROXYETHYL ISOPROPYL ETHER see: KL5075000
N-(beta-HYDROXYETHYL)LACTAMIDE see: OD2400000
2-HYDROXYETHYL MERCAPTAN see: KL5600000
HYDROXYETHYL METHACRYLATE see: OZ4725000
beta-HYDROXYETHYL METHACRYLATE see: OZ4725000
2-HYDROXYETHYL METHACRYLATE see: OZ4725000
8-((2-HYDROXYETHYL)METHYLAMINO)CAFFEINE see: EV6566000 CAFFEINE, 8-((2-HYDROXYETHYL)METHYLAMINO)-
7-(2-HYDROXYETHYL)-12-METHYLBENZ(a)ANTHRACENE see: CW5300000
N-HYDROXYETHYL-alpha-METHYLBENZYLAMINE see: KL7350000
1-(2-HYDROXYETHYL)-1-METHYLGUANIDINE DIHYDROGEN PHOSPHATE (ester) see: MF3600500
1-HYDROXYETHYL METHYL KETONE see: EL8790000
1-HYDROXYETHYL-2-METHYL-5-NITROIMIDAZOLE see: NI5600000
1-(beta-HYDROXYETHYL)-2-METHYL-5-NITROIMIDAZOLE see: NI5600000
1-(2-HYDROXYETHYL)-2-METHYL-5-NITROIMIDAZOLE see: NI5600000
1-(2-HYDROXY-1-ETHYL)-2-METHYL-5-NITROIMIDAZOLE see: NI5600000
8-(2-HYDROXYETHYL)-1-METHYL-7-PHENYL-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE see: NJ5097100
3-(2-HYDROXYETHYL)-3-METHYL-1-PHENYLTRIAZENE see: XY2775000
1-(2-HYDROXYETHYL)-1-METHYLPIPERIDINIUM IODIDE 2-ETHYL-2-METHYLHEXANOATE see: TN5950040PIPERIDINIUM, 1-(2-HYDROXYETHYL)-1-METHYL-, IODIDE, 2-ETHYL-2-METHYLHEXANOATE
3-(2-HYDROXYETHYL)-2-METHYL-4(3H)-QUINAZOLINONE see: VA3420500
3-(2-HYDROXYETHYL)-2-METHYL-4(3H)-QUINAZOLINONE (p-CHLOROPHENOXY)ACETATE see: AG0570000
3-(2-HYDROXYETHYL)-2-METHYL-4(3H)-QUINAZOLINONE 3-PYRIDYLFORMATE see: QT1935000
3-(2-HYDROXYETHYL)-2-METHYL-4(3H)-QUINAZOLINONE 4-PYRIDYLFORMATE see: NS2030000
N-(2-HYDROXYETHYL)-3-METHYL-2-QUINOXALINECARBOXAMIDE 1,4-DIOXIDE see: VD1582000
N-beta-HYDROXYETHYLMORPHOLINE see: QE3675000
N-(2-HYDROXYETHYL)MORPHOLINE see: QE3675000
N-(2-HYDROXYETHYL)-3-NITROBENZYLIDENIMINE N-OXIDE see: KL9372500
N-(2-HYDROXYETHYL)-4-NITROBENZYLIDENIMINE N-OXIDE see: KL9373000
1-(2-HYDROXYETHYL)-3-((5-NITROFURFURYLIDENE)AMINO)-2-IMIDAZOLIDINONE see: NJ0700000
(p-(2-(HYDROXYETHYL)NITROSAMINO)PHENYL)PHOSPHONIC ACID see: SZ8562400
3-((2-HYDROXYETHYL)NITROSAMINO)-1,2-PROPANEDIOL see: TY6817500
1-((2-HYDROXYETHYL)NITROSAMINO)-2-PROPANOL see: UB6459500
N-(2-HYDROXYETHYL)-N-NITROSO CARBAMIC ACID ETHYL ESTER see: FB2200000
N-(2-HYDROXYETHYL)-N-NITROSOCARBAMIC ACID ETHYL ESTER ACETATE see: FB2250000
1-(2-HYDROXYETHYL)-1-NITROSOUREA see: YT4915000
N-(omega-HYDROXYETHYL)-NORGRANATAN alpha-CHLORO-alpha-DIPHENYLACETYL ESTER (German) see: CL5493000
2-HYDROXYETHYL-n-OCTYL SULFIDE see: KL9700000
N-(2-HYDROXYETHYL)PHENYLAMINE see: KJ7175000
N-HYDROXY-N-ETHYL-p-(PHENYLAZO) ANILINE see: NC3567000
beta-HYDROXYETHYL PHENYL ETHER see: KM0350000
5-(p-(2-HYDROXYETHYL)PHENYL)-2-FURAMIDINE HYDROCHLORIDE see: LT8520900
5-(4'-(HYDROXYETHYLPHENYL))-2-FURAMIDINE HYDROCHLORIDE see: LT8520900
N-(2-HYDROXYETHYL)-2-PHENYL-3-PROPYLBICARBAMIMIDE see: DT4393800
DL-N-(2-HYDROXYETHYL)PIPECOLINYL-2,6-DIMETHYLANILIDE see: TK6020200
N-(beta-HYDROXYETHYL)PIPERAZINE see: TL6825000
1-(2-HYDROXYETHYL)PIPERAZINE see: TL6825000
10-(3-(2-HYDROXYETHYL)PIPERAZINOPROPYL)-2-(TRIFLUOROMETHYL)PHENOTHIAZINE see: TL9730000
N-((4-(2-HYDROXYETHYL)-1-PIPERAZINYL)METHYL)TETRACYCLINE see: QI8575000
gamma-(4-(beta-HYDROXYETHYL)PIPERAZIN-1-YL)PROPYL-2-CHLOROPHENOTHIAZINE see: TL7175000
1-(10-(3-(4-(2-HYDROXYETHYL)-1-PIPERAZINYL)PROPYL)-10H-PHENOTHIAZIN-2-YL)ETHANONE see: OB4180000
10-(3-(4-(2-HYDROXYETHYL)-1-PIPERAZINYL)PROPYL)PHENOTHIAZIN-2-YLMETHYL KETONE see: OB4180000
10-(3-(4-(2-HYDROXYETHYL)-1-PIPERAZINYL)PROPYL)PHENOTHIAZIN-2-YL METHYL KETONE DIMALEATE see: OB4180000
10-(3-(4-(2-HYDROXYETHYL)PIPERIDINO)PROPYL)PHENOTHIAZIN-2-YL METHYL KETONE see: OB4200000
10-(3-(4-(2-HYDROXYETHYL)PIPERIDINO)PROPYL)PHENOXAZIN-2-YL METHYL KETONE see: OB4300000
HYDROXYETHYLPROPYLENEDIAMINE see: KJ5475000
3-HYDROXY-2-ETHYL-4-PYRONE see: UQ0840000
HYDROXYETHYL STARCH see: WI0410000
O-(HYDROXYETHYL)STARCH see: WI0410000
O-(2-HYDROXYETHYL)STARCH see: WI0410000
2-HYDROXYETHYL STARCH see: WI0410000
2-HYDROXYETHYL STARCH ETHER see: WI0410000
beta-HYDROXYETHYL SULFIDE see: KM2975000
7-(2-HYDROXYETHYL)THEOPHYLLINE HYDROGEN SULFATE compd. with PYRIDOXOL see: UO8430000
4-(alpha-HYDROXYETHYL)TOLUENE see: DO4565000
N-beta-HYDROXYETHYL-o-TOLUIDINO- see: KM3325000
(2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE BUTYLCARBAMATE see: BR1208500
(2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE CARBANILATE see: BR1209000
(2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE CYCLOHEXANECARBAMATE see: BR1209300
(2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE DIBUTYLCARBAMATE see: BR1209800
(2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE DICYCLOHEXYLCARBAMATE see: BR1209900
(2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE DIETHYLCARBAMATE see: BR1212000
(2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE DIPHENETHYLCARBAMATE see: BR1214000
(2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE DIPHENYLCARBAMATE see: BR1214800
(2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE DODECYLCARBAMATE see: BR1215100
(2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE OCTYLCARBAMATE see: BR1215500
(2-HYDROXYETHYL)TRIETHYLAMMONIUM BROMIDE PHENETHYLCARBAMATE see: BR1215600
(2-HYDROXYETHYL)TRIETHYLAMMONIUM CHLORIDE p-BUTOXYCARBANILATE see: BR1215800
(2-HYDROXYETHYL)TRIETHYLAMMONIUM CHLORIDE 2-NAPHTHALENECARBAMATE see: BR1215900
(2-HYDROXYETHYL)TRIETHYLAMMONIUM IODIDE BENZOATE (ester) see: BR1218100
(2-HYDROXYETHYL)TRIETHYLAMMONIUM IODIDE CARBANILATE see: BR1219200
(2-HYDROXYETHYL)TRIETHYLAMMONIUM IODIDE DIPHENYLCARBAMATE see: BR1219400
(2-HYDROXYETHYL)TRIETHYLAMMONIUM IODIDE HEXAMETHYLENEDICARBAMATE (2:1) see: BR1220300
(2-HYDROXYETHYL)TRIETHYLAMMONIUM IODIDE 2-NAPHTHALENECARBAMATE see: BR1220600
3-(2-HYDROXYETHYL)-1-(3-(TRIFLUOROMETHYL)PHENYL)-2,4(1H,3H)-QUINAZOLINEDIONE see: VA1411200
(2-HYDROXYETHYL)TRIMETHYLAMMONIUM see: FZ9625000
(2-HYDROXYETHYL)TRIMETHYLAMMONIUM CHLORIDE see: KH2975000
(2-HYDROXYETHYL)TRIMETHYLAMMONIUM CHLORIDE ACETATE see: FZ9800000
(2-HYDROXYETHYL)TRIMETHYL AMMONIUM CHLORIDE CARBAMATE see: GA0875000
(2-HYDROXYETHYL)TRIMETHYLAMMONIUM CHLORIDE SUCCINATE see: GA2360000
(2-HYDROXYETHYL)TRIMETHYLAMMONIUM IODIDE p-BROMOMETHYLBENZOATE see: BR1270000
(2-HYDROXYETHYL)TRIMETHYLAMMONIUM SALICYLATE see: GA6475000
(2-HYDROXYETHYL)TRIMETHYLAMMONIUM compound with THEOPHYLLINE see: GA7420000
17-beta-HYDROXY-17-alpha-ETHYNYL-4-ANDROSTEN-3-ONE see: TU5570250
3-alpha-HYDROXYETIOALLOCHOLAN-17-ONE see: BV8053000
N-HYDROXY-2-FAA see: AK8575000
N-HYDROXY-3-FAA see: AK8750000
N-HYDROXY-FABP see: LR0995700
14-HYDROXYFILIPIN see: LT3850000
8-HYDROXYFLAVONE see: LK8650100
N-HYDROXY-N-2-FLUORENYLACETAMIDE see: AK8575000
N-HYDROXY-1-FLUORENYLACETAMIDE see: AK8400000
N-(1-HYDROXY-2-FLUORENYL)ACETAMIDE see: AC3340000
N-HYDROXY-3-FLUORENYLACETAMIDE see: AK8750000
N-(3-HYDROXY-2-FLUORENYL)ACETAMIDE see: AC3350000
5-HYDROXY-N-2-FLUORENYLACETAMIDE see: AC3350050
7-HYDROXY-N-2-FLUORENYLACETAMIDE see: AC3350070
N-(9-HYDROXYFLUOREN-2-YL)ACETAMIDE see: AC3520000

9-HYDROXY-2-FLUORENYLACETAMIDE see: AC3520000
N-HYDROXY-N-2-FLUORENYLACETAMIDE, CUPRIC CHELATE see: AK9100000
2-N-HYDROXYFLUORENYLACETAMIDE, CUPRIC CHELATE see: AK9100000
N-(7-HYDROXYFLUOREN-2-YL)ACETOHYDROXAMIC ACID see: AL0700000
N-HYDROXY-1-FLUORENYLBENZAMIDE see: DG0175000
N-HYDROXY-N-2-FLUORENYLBENZAMIDE see: DG0350000
N-HYDROXY-N-FLUORENYLBENZENE-SULFONAMIDE see: DB2625000
N-HYDROXY-2-FLUORENYLBENZENESULFONAMIDE see: DB2625000
N-HYDROXY-7-FLUORO-2-ACETYLAMINOFLUORENE see: AL0525000
N-HYDROXY-N-4-(4'-FLUOROBIPHENYL)ACETAMIDE see: AL0450000
N-HYDROXY-4-FORMYLAMINOBIPHENYL see: LR0995700
N-HYDROXY-N-2-FORMYLAMINOFLUORENE see: LR1010000
N-HYDROXY-N-FORMYL-p-PHENETIDINE see: LR0996000
4-HYDROXY-4H-FURO(3,2-C)PYRAN-2(6H)-ONE see: LV2625000
4-HYDROXY-4H-FURO(3,2-c)PYRAN-2(6H)-ONE ACETATE (ester) see: LV2625100
4-HYDROXY-4H-FURO(3,2-c)PYRAN-2(6H)-ONE BUTYRATE (ester) see: LV2625300
4-HYDROXY-4H-FURO(3,2-c)PYRAN-2(6h)-ONE PROPIONATE (ester) see: LV2626000
8-HYDROXYGALANGIN see: LK9275250
3-HYDROXYGLUTACONIC ACID, DIMETHYL ESTER, DIMETHYL PHOSPHATE see: LZ9450000
7-HYDROXYGUANINE see: MF8585000
1-HYDROXYHEPTANE see: MK0350000
2-HYDROXYHEPTANE see: MJ2975000
3-HYDROXYHEPTANE see: MJ3150000
4-HYDROXYHEPTANOIC ACID LACTONE see: LU3697000
4-HYDROXYHEPTANOIC ACID, gamma-LACTONE see: LU3697000
2-HYDROXY-2',3,4',5,5',6-HEXACHLOROBENZENESULFONANILIDE see: DB3860000
16-HYDROXYHEXADECANOIC ACID LACTONE see: RN9730000
1-HYDROXY-2,4-HEXADIENE see: MM3325000
4-HYDROXYHEXA-2,4-DIENOIC ACID LACTONE see: LU4375000
1-HYDROXYHEXANE see: MQ4025000
2-HYDROXYHEXANEDIAL see: MO1130000
4-HYDROXYHEXANOIC ACID LACTONE see: LU4220000
6-HYDROXYHEXANOIC ACID LACTONE see: MO8400000
4-HYDROXYHEX-2-ENOIC ACID LACTONE see: LU4200000
4-HYDROXYHEX-4-ENOIC ACID LACTONE see: LU4550000
5-HYDROXY-2-HEXENOIC ACID LACTONE see: UQ0525000
alpha-HYDROXYHOMOPANTOTHENIC ACID see: ES9585000
beta-HYDROXYHOMOPANTOTHENIC ACID see: ES9585010
3'-HYDROXY HT-2 TOXIN see: YC9990000
1-(o-HYDROXYHYDROCINNAMOYL)PYRROLIDINE see: UY1302000 PYRROLIDINE, 1-(o-HYDROXYHYDROCINNAMOYL)-
7-(2-HYDROXY-3-((2-HYDROXYETHYL)METHYLAMINO)PROPYL)THEOPHYLLINE compd. with NICOTINIC ACID see: QT1500000
7-(2-HYDROXY-3-(4-(2-HYDROXYETHYL)-1-PIPERAZINYL)PROPYL)THEOPHYLLINE see: XH5900000
N-HYDROXY-N-(7-HYDROXY-2-FLUORENYL)ACETAMIDE see: AL0700000
3-HYDROXY-4-HYDROXYIMINO-2,5-CYCLOHEXADIEN-1-ONE see: GU5610000
2'-HYDROXY-5'-(1-HYDROXY-2-(ISOPROPYLAMINO)ETHYL)-METHANESULFONANILIDE MONOHYDROCHLORIDE see: PB0822000
2'-HYDROXY-5'-(1-HYDROXY-2-(p-METHOXYPHENETHYL)AMINO)PROPYL)METHANESULFONANILIDE HCl see: PB0822100
5-HYDROXY-1-(4-HYDROXY-3-METHOXYPHENYL)-3-DECANONE see: HE0757000
4-HYDROXY-3-HYDROXYMETHYL-alpha-((tert-BUTYLAMINO)METHYL)BENZYL ALCOHOL see: ZE4400000
2'-HYDROXY-5'-(1-HYDROXY-2-(1-METHYLCYCLOPROPYLAMINO)ETHYL)METHANESULFONANILIDE HCl see: PB0823000
17-beta-HYDROXY-2-(HYDROXYMETHYLENE)-17-METHYL-5-alpha-ANDROSTAN-3-ONE see: BV8060000
17-beta-HYDROXY-2-HYDROXYMETHYLENE-17-alpha-METHYL-3-ANDROSTANONE see: BV8060000
17-beta-HYDROXY-2-(HYDROXYMETHYLENE)-17-alpha-METHYL-5-alpha-ANDROSTAN-3-ONE see: BV8060000
17-HYDROXY-2-(HYDROXYMETHYLENE)-17-METHYL-5-alpha-17-beta-ANDROST-3-ONE see: BV8060000
17-beta-HYDROXY-2-(HYDROXYMETHYL)-17-alpha-METHYLANDROSTAN-3-ONE see: BV8060010
3-HYDROXY-2-(1-HYDROXY-2-METHYLPROPYL)-4H-PYRAN-4-ONE see: UQ0900000
5-HYDROXY-2-(HYDROXYMETHYL)-4H-PYRAN-4-ONE DIACETATE see: UQ0890000
5-HYDROXY-2-(HYDROXYMETHYL)-4-PYRONE see: UQ0875000
l-3-HYDROXY-2-(3-HYDROXY-1-OCTENYL)-5-OXOCYCLOPENTANEHEPTANOIC ACID see: GY4569800
3-HYDROXY-2-(3-HYDROXY-1-OCTENYL)-5-OXOCYCLOPENTANEHEPTANOIC ACID see: GY4569800
5-HYDROXY-2-(3-HYDROXY-1-OCTENYL)-3-OXOCYCLOPENTANEHEPTANOIC ACID see: GY4569900
l-7-(3-HYDROXY-2-(3-HYDROXY-1-OCTENYL)-5-OXOCYCLOPENTYL)-5-HEPTENOIC ACID see: MJ9677000
7-(3-HYDROXY-2-(3-HYDROXY-1-OCTENYL)-5-OXOCYCLOPENTYL)-5-HEPTENOIC ACID see: UK8000000
7-(5-HYDROXY-2-(3-HYDROXY-5-PHENYL-1-OCTENYL)-3-OXOCYCLOPENTYL)-5-HEPTENOIC ACID see: MJ9681040
2-HYDROXY-4'-(2-HYDROXYPROPOXY)-1'-ACETONAPHTHONE see: AL3060000
3-(1-HYDROXY-2-(3-HYDROXYPIPERIDINO)ETHYL)-5-PHENYLISOXAZOLE see: TM8807000
3-(1-HYDROXY-2-(4-HYDROXYPIPERIDINO)ETHYL)-5-PHENYLISOXAZOLE see: TM8807010
2-HYDROXY-4'-(2-HYDROXYPROPOXY)-1'-ACEPTONAPHTHONE see: AL3060000
HYDROXY(2-HYDROXYPROPYL)PHENYLARSINE OXIDE see: CH7900000
2-HYDROXYIMIDAZOLE see: NJ4900000
5-HYDROXYIMINOBARBITURIC ACID see: BA4225000
(HYDROXYIMINO)CYCLOHEXANE see: GW7925000
1-((4-(1-HYDROXYIMINO)ETHYL)PHENOXY)ACETYL)PIPERIDINE see: AM9700000
2-HYDROXYIMINOMETHYL-1-DODECYLPYRIDINIUM IODIDE see: UU4017200
2-HYDROXYIMINOMETHYL-1-HEPTYLPYRIDINIUM IODIDE see: UU4830000
2-(HYDROXYIMINOMETHYL)-1-METHYLPYRIDINIUM CHLORIDE see: UU4200000
2-HYDROXYIMINOMETHYL-1-METHYLPYRIDINIUM IODIDE see: UU4375000
2-HYDROXYIMINOMETHYL-N-METHYLPYRIDINIUM METHANESULPHONATE see: UU4570000
10-(((1-(3-((HYDROXYIMINO)METHYL)PHENYL)ETHYLIDENE)HYDRAZINO)ACETYL)-10H-PHENOTHIAZINE see: SP0625000
1-(((4-((HYDROXYIMINO)METHYL)PYRIDINIO)METHOXY)METHYL)-3-IODO-PYRIDINIUM DICHLORIDE see: UU4150000
N-HYDROXY-1H-INDOLE-2-CARBOXAMIDE see: NL5994700
5-HYDROXYINDOLE-3-ETHANOL see: NL8512500
3-(2-(5-HYDROXYINDOL-3-YL)-5-OXO-2-PYRROLIN-4-YLIDENE)-2-INDOLINONE see: NM2203500
3-HYDROXY-16-IODOANDROST-5-EN-17-ONE see: BV8397700
(4-(4-HYDROXY-3-IODOPHENOXY)-3,5-DIIODOPHENYL)ACETIC ACID DIETHANOLAMINE SALT see: AI1980000
L-3-(4-(4-HYDROXY-3-IODOPHENOXY)-3,5-DIIODOPHENYL)ALANINE see: AY6750000
O-(4-HYDROXY-3-IODOPHENYL)-3,5-DIIODO-L-TYROSINE see: AY6750000
11-beta-HYDROXY-9-alpha-IODOPREGN-4-ENE-3,20-DIONE see: TU5210000
11-beta-HYDROXY-12-alpha-IODOPREGN-4-ENE-3,20 DIONE see: TU5215000
2-HYDROXY-5-IODO-1(2H)-PYRIDINEACETIC ACID SODIUM SALT see: UR8960000
8-HYDROXY-7-IODOQUINOLINE SULFONATE see: VC2800000
8-HYDROXY-7-IODOQUINOLINESULFONIC ACID see: VC2800000
p-HYDROXY-alpha-(ISOBUTYLAMINOMETHYL)BENZYL ALCOHOL see: DO6525000
7-(2-HYDROXY-3-(ISOBUTYLAMINO)PROPOXY)-1,2-DIHYDROCYCLOPENTA(c)(1)BENZOPYRAN-4(3H)-ONE see: GY0791200
(HYDROXY-2 ISOBUTYLAMINO-3 PROPOXY)-7 TETRAHYDRO-1,2,3,4 CYCLOPENTA(c)CHROMENONE-4 (French) see: GY0791200
HYDROXYISOBUTYLISOPROPYLARSINE OXIDE see: CH7910000
2-HYDROXY-3-ISOBUTYL-6-(1-METHYLPROPYL)PYRAZINE 1-OXIDE see: CI9625000
3-HYDROXY-2-ISOBUTYL-4H-PYRAN-4-ONE see: UQ0970000
alpha-HYDROXYISOBUTYRONITRILE see: OD9275000
4'-(1-HYDROXY-2-(ISOPROPYLAMINO)ETHYL)METHANESULFOANILIDE HYDROCHLORIDE see: PB0826000
4'-(1-HYDROXY-2-ISOPROPYLAMINO)ETHYL)METHANESULFONANILIDE MONOHYDROCHLORIDE see: PB0826000
m-HYDROXY-alpha-(ISOPROPYLAMINOMETHYL)BENZYL ALCOHOL see: DO6526000
4-HYDROXY-alpha-ISOPROPYLAMINOMETHYLBENZYL ALCOHOL see: DO6530000
4'-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)ACETANILIDE see: AE4222000
7-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-2-BENZOFURANCARBOXYLIC ACID ETHYL ESTER see: DF6495200 2-BENZOFURANCARBOXYLIC ACID, 7-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-, ETHYLESTER
7-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-2-BENZOFURANYL METHYL KETONE see: OB4310000 KETONE,7-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-2-BENZOFURANYL METHYL
o-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)BENZONITRILE see: DI4610000
N-(p-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)BENZYL)ACETAMIDE see: AC3595000
4-(2-HYDROXY-3-ISOPROPYLAMINOPROPOXY)-INDOLE see: UB6660000
2-(p-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)PHENYL)ACETAMIDE see: AC3600000
5-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-2-PHENYL-3-BENZOFURANCARBOXYLIC ACID ETHYL ESTER HCl see: DF6495500
2-HYDROXY-4-ISOPROPYL-2,4,6-CYCLOHEPTATRIEN-1-ONE see: GU4200000
beta-HYDROXY-N-ISOPROPYL-3,4-DICHLOROPHENETHYLAMINE see: DO1080000
beta-HYDROXY-N-ISOPROPYL-3,4-DICHLORO-PHENETHYLAMINE HYDROCHLORIDE see: DO1200000
2-HYDROXY-2-ISOPROPYL-3-PENTENOIC ACID 3-QUINUCLIDINYL ESTER see: SB3080000
(+-)-3-HYDROXY-1-ISOPROPYL-alpha-PHENYL-3-PIPERIDINEMETHANOL 3-BENZOATE HYDROCHLORIDE see: TN0929000
(3-HYDROXY-4-ISOPROPYLPHENYL)TRIMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) see: BR1349000
(+-)-3-HYDROXY-1-ISOPROPYL-3-PIPERIDYL PHENYL KETONE BENZOATE (ester) **HYDROCHLORIDE** see: OB4320000
(2-HYDROXY-5-ISOPROPYL-m-TOLYL)TRIMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) see: BR1351200
3-alpha-HYDROXY-8-ISOPROPYL-1-alpha-H,5-alpha-H-TROPANIUM BROMIDE (+-)-TROPATE see: YM3700000
(8r)-3-alpha-HYDROXY-8-ISOPROPYL-1-alpha-H,5-alpha-H-TROPIUMBROMIDE-(+-)-TROPATE see: YM3700000
HYDROXYISOXAZOLE see: NY2932000
3-HYDROXY-17-KETO-ESTRA-1,3,5-TRIENE see: KG8575000
4-HYDROXY-2-KETO-4-METHYLPENTANE see: SA9100000
3-HYDROXY-17-KETO-OESTRA-1,3,5-TRIENE see: KG8575000
HYDROXYKYNURENINE see: AY6475000
3-HYDROXYKYNURENINE see: AY6475000

NC2975000 HYDROXYLAMINE

UPDT 8406 CAS: 7803-49-8 MW: 33.04 MOLFM: H3-N-O
SYN: OXAMMONIUM

MUTATION DATA AND REFERENCES

mmo-sat 5 pph	AGACBH 4,286,74
dnr-sat 5 pph	AGACBH 4,286,74
mmo-esc 5 pph	AGACBH 4,286,74
dnd-esc 50 mmol/L	BBACAQ 119,434,66
mmo-bcs 1 mol/L	PNASA6 48,1796,62
dnr-bcs 23 gm/L	MUREAV 16,165,72
oms-bcs 1 mol/L	MUREAV 5,1,68
dnd-bcs 100 mmol/L	BBACAQ 155,476,68
mmo-hmi 140 mmol/L/5M	MUREAV 30,9,75
mmo-omi 250 mmol/L	IJEBA6 15,1068,77
mmo-omi 250 mmol/L/20M	MUREAV 7,19,69
mmo-omi 1 mol/L	JMOBAK 9,352,64
mmo-omi 1 mg/L	MUREAV 74,113,80
mmo-omi 20 mmol/L	SCIEAS 148,507,65
mmo-omi 10 mmol/L	MUREAV 49,173,78
mmo-omi 10 mmol/L	MUREAV 49,163,78
mmo-omi 400 mmol/L	MUREAV 22,223,74
mmo-omi 100 mmol/L	AVIRA2 16,47,72
mmo-omi 10 mmol/L	MUREAV 22,95,74
mmo-omi 2 mol/L	MUREAV 24,245,74
mmo-omi 1 mol/L	BBRCA9 39,156,70
oms-omi 2 mol/L	VIRLAX 49,462,72
mmo-omi 1 mol/L	JOVIAM 7,673,71
mmo-omi 1 mol/L	MGGEAE 128,359,74
mmo-omi 1 mol/L	SOGEBZ 6,616,70
mmo-omi 250 mmol/plate	PCJOAU 15,482,81
mmo-omi 1 mol/L	JCPBAN 58,1005,61
mmo-omi 50 mmol/L	MGGEAE 179,191,80
mmo-omi 250 mmol/plate	BZARAZ 32,1146,79
dnd-omi 1 mol/L	MUREAV 25,235,74
dns-omi 1 mol/L	DBIOAM 217,309,74
slt-dmg-unk 45 mmol/L/48H	MUREAV 120,233,83
slt-dmg-orl 30 mmol/L	IJEBA6 17,61,79
sln-dmg-orl 30 mmol/L	MUREAV 16,363,72
mmo-nsc 1 mol/L	MUREAV 12,35,71
mmo-ssp 1 mol/L	MUREAV 4,441,67
dni-hmn:lym 360 umol/L	TXAPA9 33,38,75
dni-hmn:hla 10 mmol/L	MUREAV 93,447,82
cyt-hmn:fbr 300 umol/L	MUREAV 4,353,67
cyt-hmn:leu 25 mg/L	CBINA8 6,375,73
cyt-mus:emb 50 umol/L	JNCIAM 32,667,64
cyt-ham:oth 50 umol/L	JNCIAM 32,667,64
sce-ham:lng 5 mmol/L	HUGEDQ 54,155,80
msc-ham:ovr 150 mg/L/16H	JCLLAX 74,245,69
mnt-mky:kdy 50 mg/L	ECREAL 57,193,69
cyt-mky:kdy 25 mg/L	ECREAL 57,193,69

TOXICITY DATA AND REFERENCES:

ipr-rat LD50:59 mg/kg	CNREA8 26,1448,66
scu-rat LD50:29 mg/kg	JPETAB 119,444,57
ipr-mus LD50:60 mg/kg	JPETAB 165,30,69
unk-mus LD50:175 mg/kg	BJCAAI 6,160,52

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

HYDROXYLAMINE, N-ACETYL- see: AK8157000
HYDROXYLAMINE, O-ACETYL-N-CARBOXY-N-PHENYL-, ISOPROPYL ESTER see: FD7430000 CARBANILICACID, N-ACETOXY-, ISOPROPYL ESTER

NC2987700 HYDROXYLAMINE, O-ACETYL-N-ISONICOTINOYL-

UPDT 8408 MW: 180.18 MOLFM: C8-H8-N2-O3

SYN: PYRIDINE-4-CARBO-O-ACETYLHYDROXAMIC ACID
MUTATION DATA AND REFERENCES:
mmo-sat 2500 nmol/plate MUREAV 135,139,84

NC2990000 HYDROXYLAMINE, O-ACETYL-N-METHYL-N-(p-(PHENYLAZO)PHENYL)-
UPDT:8403 CAS: 55936-77-1 MW: 269.33 MOLFM: C15-H15-N3-O2
SYN: N-ACETOXY-N-METHYL-4-AMINOAZOBENZENE * BENZENAMINE, N-(ACETYLOXY)-N-METHYL-4-(PHENYLAZO)- (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 100 nmol/plate CALEDQ 1,91,75
mmo-sat 100 nmol/plate CALEDQ 1,91,75
cyt-rat:lvr 13400 ug/L/2H-C ITCSAF 18,501,82
msc-rat:lvr 26900 ug/L/2H-C ITCSAF 18,501,82
msc-ham:lng 26900 ug/L/2H-C ITCSAF 18,501,82
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

NC2993000 HYDROXYLAMINE, O-ACETYL-N-NICOTINOYL-
UPDT:8409 MW: 180.18 MOLFM: C8-H8-N2-O3
SYN: PYRIDINE-3-CARBO-O-ACETYLHYDROXAMIC ACID
MUTATION DATA AND REFERENCES:
mmo-sat 2500 nmol/plate MUREAV 135,139,84

NC2997500 HYDROXYLAMINE, O-ACETYL-N-PICOLINOYL-
UPDT:8408 MW: 180.18 MOLFM: C8-H8-N2-O3
SYN: PYRIDINE-2-CARBO-O-ACETYLHYDROXAMIC ACID
MUTATION DATA AND REFERENCES:
mmo-sat 500 nmol/plate MUREAV 135,149,84

HYDROXYLAMINE, N-(AMINOCARBONYL)- see: YT4900000
HYDROXYLAMINE, O-(AMINOCARBONYL)- (9CI) see: NC3300000

NC3020000 HYDROXYLAMINE, O-BENZOYL-N-METHYL-N-(p-(PHENYLAZO)PHENYL)-
UPDT:8401 CAS: 6098-46-0 MW: 331.40 MOLFM: C20-H17-N3-O2
SYN: BENZENAMINE, N-(BENZOYLOXY)-N-METHYL-4-(PHENYLAZO)- (9CI) * O-BENZOYL-N-METHYL-N-(p-(PHENYLAZO)PHENYL)HYDROXYLAMINE * N-BENZOYLOXY-N-METHYL-4-AMINOAZOBENZENE
MUTATION DATA AND REFERENCES:
mmo-sat 100 nmol/plate CALEDQ 1,91,75
mma-sat 10 nmol/plate CALEDQ 1,91,75
dnd-esc 60 mmol/L CNREA8 40,2493,80
mmo-bcs 11 mol MOPMA3 4,411,68
oms-bcs 11 mol MOPMA3 4,411,68
dnd-bcs 10 mol MOPMA3 4,411,68
slt-dmg-par 10 mmol/L MUREAV 9,239,70
sln-dmg-par 10 mmol/L IJCNAW 10,194,72
dnd-rat:lvr 50 mmol/L CBINA8 31,1,80
dns-rat:lvr 1 umol/L GANNA2 72,930,81
dnd-mus-ipr 120 mg/kg CNREA8 40,2493,80
dns-mus:lvr 1 umol/L GANNA2 72,930,81
dnd-mam:lym 50 mmol/L CBINA8 31,1,80
TUMORIGENIC DATA AND REFERENCES:
3V02M60M61 scu-rat TD :375 mg/kg/12W-I CNREA8 27,1600,67
2V02V10 scu-rat TD :318 mg/kg/12W-I CNREA8 39,3411,79
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NC3150000 HYDROXYLAMINE, N-4-BIPHENYLYL-
UPDT:8403 CAS: 6810-26-0 MW: 185.24 MOLFM: C12-H11-N-O
SYN: (1,1'-BIPHENYL)-4-AMINE, N-HYDROXY- * 4-BIPHENYLHYDROXYLAMINE * N-4-BIPHENYLYLHYDROXYLAMINE * N-HYDROXY-4-AMINOBIPHENYL * 4-HYDROXYAMINOBIPHENYL * 4-HYDROXYLAMINOBIPHENYL
MUTATION DATA AND REFERENCES:
mmo-sat 5400 nmol/L ENMUDM 3,11,81
mma-sat 5 ug/plate CRNGDP 4,1533,83
mmo-esc 5400 nmol/L ENMUDM 3,11,81
dns-rat:lvr 5 umol/L ENMUDM 3,11,81
dns-rat:oth 10 umol/L CNREA8 42,3974,82
dns-mus:oth 1 umol/L CNREA8 42,3974,82
dns-dog:oth 1 umol/L CNREA8 42,3974,82
TUMORIGENIC DATA AND REFERENCES:
2V01L60 scu-mus TDLo:216 mg/kg/3D JNCIAM 41,403,68
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDROXYLAMINE, N-CARBAMOYL- see: YT4900000

NC3300000 HYDROXYLAMINE, O-CARBAMOYL-
UPDT:8312 CAS: 683-62-5 MW: 76.07 MOLFM: C-H4-N2-O2
SYN: O-CARBAMOYLHYDROXYLAMINE * HYDROXYLAMINE, O-(AMINOCARBONYL)- (9CI) * ISOHYDROXYUREA
MUTATION DATA AND REFERENCES:
dni-esc 710 umol/L CNREA8 29,209,69
oms-esc 360 umol/L CNREA8 29,209,69
dni-ham:kdy 150 umol/L CNREA8 29,209,69

NC3411500 HYDROXYLAMINE, N,O-DIACETYL-N-(4-BIPHENYLYL)-
UPDT:8401 CAS: 26541-56-0 MW: 269.32 MOLFM: C16-H15-N-O3
SYN: ACETANILIDE, 4-PHENYL-, N-ACETATE (ester) * ACETIC ACID, (N-ACETYL-N-(4-BIPHENYL)AMINO) ESTER * ACETIC ACID, ester with N-4-BIPHENYLYLACETOHYDROXAMIC ACID * N-ACETOXY-4-ACETAMIDOBIPHENYL * N-ACETOXY-4-BIPHENYLACETAMIDE * N-ACETYLOXY-N-(1,1'-BIPHENYL)-4-YLACETAMIDE * N-(4-BIPHENYLYL)ACETOHYDROXAMIC ACETATE * N,O-DIACETYL-N-(4-BIPHENYLYL)HYDROXYLAMINE
MUTATION DATA AND REFERENCES:
mmo-sat 25 ug/plate CBINA8 26,11,79
mma-sat 1 ug/plate CBINA8 26,11,79
dns-hmn:fbr 20 umol/L NCIMAV 58,217,81
cyt-ham:ovr 290 umol/L MUREAV 88,397,81
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:4309 ug/kg JNCIAM 54,491,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NC3411600 HYDROXYLAMINE, N,O-DIACETYL-N-CARBOXY-, ETHYL ESTER
UPDT:8412 CAS: 2139-93-7 MW: 189.19 MOLFM: C7-H11-N-O5
MUTATION DATA AND REFERENCES:
sln-dmg-orl 30 mmol/L CNREA8 30,195,70

NC3420000 HYDROXYLAMINE, N,O-DIACETYL-N-FLUOREN-2-YL-
UPDT:8412 CAS: 6098-44-8 MW: 281.33 MOLFM: C17-H15-N-O3
SYN: ACETAMIDE, N-(ACETOXY)-N-9H-FLUOREN-2-YL- (9CI) * ACETIC ACID, (N-ACETYL-N-(2-FLUORENYL)AMINO) ESTER * N-ACETOXY-2-ACETAMIDOFLUORENE * N-ACETOXY-N-ACETYL-2-AMINOFLUORENE * N-ACETOXY-2-ACETYLAMINOFLUORENE * N-ACETOXY-2-FLUORENYLACETAMIDE * N-(FLUOREN-2-YL)ACETOHYDROXAMIC ACETAMIDE
MUTATION DATA AND REFERENCES:
mmo-sat 3100 ng/plate MUREAV 130,79,84
mma-sat 5 ug/plate PNASA6 72,5135,75
pic-sat 1 mmol/L MOPMA3 8,645,72
mmo-esc 1 mmol EVHPAZ 49,135,83
dnr-esc 16 ug/well ENMUDM 3,429,81
dnd-esc 5 umol/L MUREAV 89,95,81
dns-esc 600 umol/L ZKKOBW 92,177,78
mmo-bcs 8 mol MOPMA3 4,411,68
oms-bcs 8 mol MOPMA3 4,411,68
dnd-bcs 8 mol MOPMA3 4,411,68
mmo-omi 10 gm/L MOPMA3 6,667,70
mmo-omi 35 mmol/L MUREAV 73,1,80
mmo-omi 1300 nmol/L CNREA8 42,3480,82
dnd-omi 1100 mg/L BICHAW 13,2142,74
dnd-omi 164 umol/L BICHAW 14,1426,75
dnd-omi 280 umol/L CNREA8 38,3247,78
dnd-omi 6800 umol/L ZKKOBW 90,37,77
dnd-omi 19 mmol/L ZKKOBW 90,37,77
slt-dmg-par 2500 umol/L IJCNAW 9,284,72
cyt-dmg-par 5 mmol/L IJCNAW 9,284,72
sln-dmg-par 2500 umol/L IJCNAW 9,284,72
mmo-nsc 50 ug/plate MUREAV 53,297,78
mrc-smc 1000 ppm JJIND8 62,893,79
mmo-asn 100 mg/L MUREAV 97,293,82
dnd-sal:spr 20 umol/L SCIEAS 153,1125,66
dns-sal:oth 10 umol/L MUREAV 124,153,83
dns-ofs:ovr 10 umol/L MUREAV 124,153,83
dns-ofs:oth 10 umol/L MUREAV 124,153,83
dns-ofs:oth 10 umol/L MUREAV 124,153,83
dnr-hmn:fbr 7 umol/L/1H-C 36YFAG -,483,77
otr-hmn:fbr 1 umol/L CNREA8 43,2176,83
otr-hmn:oth 500 ug/L ITCSAF 17,719,81
dnd-hmn:leu 10 umol/L MUREAV 120,219,83
dnd-hmn:oth 25 umol/L BBRCA9 86,124,79
dnd-hmn:hla 10 mg/L ECREAL 103,175,76
dnd-hmn:fbr 10 umol/L BICHAW 13,5384,74
dnd-hmn:lym 10 umol/L PNASA6 76,462,79
dns-hmn:bmr 10 umol/L CRNGDP 1,547,80
dns-hmn:fbr 10 umol/L/5H IJCNAW 16,284,75
dns-hmn:hla 10 nmol/L CNREA8 38,2621,78
dns-hmn:lym 10 umol/L CALEDQ 2,311,77
dns-hmn:leu 10 umol/L CRNGDP 1,547,80
dni-hmn:hla 100 nmol/L/30M-C JEPTDQ 2(1),65,78
dns-hmn:oth 7 umol/L CBINA8 11,191,75
cyt-hmn-unk 10 umol/L PNASA6 76,462,79
cyt-hmn:leu 2500 ug/L BJCAAI 30,103,74
cyt-hmn:lym 1 umol/L LANCAO 2,1094,75
msc-hmn:fbr 2500 nmol/L/1H MUREAV 57,349,78
otr-rat:lvr 500 ug/L PNASA6 72,214,75
dnd-rat-ipr 140 umol/kg JNCIAM 58,263,77
dnd-rat:lvr 5 umol/L CNREA8 44,1098,84
dnd-rat:fbr 4 umol/L DABBBA 39,5889,79
dnd-rat:oth 10 umol/L/1H PAACA3 21,128,80
oms-rat:lvr 500 mg/L BICHAW 17,4818,78
dns-rat:lvr 1 umol/L CNREA8 42,3010,82
dns-rat:lvr 1 umol/L CNREA8 38,4365,78
otr-mus:emb 7500 nmol/L PNASA6 76,930,79
otr-mus:fbr 25 umol/L PAACA3 20,61,79
otr-ham:mmr 1 ug/L CNREA8 39,1784,79
dnd-mus-orl 11 mg/kg IJCNAW 17,765,76
dnd-mus:fbr 10 umol/L BICHAW 13,5384,74
dnd-mus:oth 10 umol/L/1H PAACA3 21,128,80
dnd-mus:ast 5 umol/L MUREAV 89,95,81
dnd-mus:lvr 20 umol/L CRNGDP 5,797,84
dns-mus:fbr 2 umol/L ENMUDM 4,143,82
dni-mus:oth 1 umol/L CALEDQ 5,253,78
cyt-mus-ivn 4 mg/kg MUREAV 60,329,79
sce-mus-ivn 4 mg/kg MUREAV 60,329,79
msc-mus:emb 7500 nmol/L PNASA6 76,930,79
msc-mus:fbr 25 umol/L PAACA3 20,61,79
hma-mus/sat 25 mg/kg JJIND8 62,893,79
otr-ham:emb 500 ug/L CNREA8 44,1933,84
otr-ham:kdy 1 umol/L CNREA8 37,2023,77
dnd-ham:lng 10 umol/L/2H BBRCA9 72,732,76
dnd-ham:emb 2 umol/L ENMUDM 4,143,82
dns-ham:lng 20 umol/L PHCBAP 32,629,80
dns-ham:emb 2 umol/L ENMUDM 4,143,82
dns-ham:ovr 10 umol/L MUREAV 124,153,83
cyt-ham:fbr 2500 ug/L BJCAAI 30,103,74
cyt-ham:lng 500 ug/L JNCIAM 59,289,77
cyt-ham:ovr 1 umol/L MUREAV 88,397,81
sce-ham:ovr 10 nmol/L/30M MUREAV 43,263,77
sce-ham:lng 500 ug/L JNCIAM 59,289,77
sce-ham:emb 500 ug/L CNREA8 44,1933,84
msc-ham:lng 8 umol/L/3H CALEDQ 6,67,79
otr-gpg:oth 2500 ug/L CNREA8 35,1035,75
dnd-dog-orl 60 umol/kg EVHPAZ 49,125,83
dnd-mam:lym 136 mmol/L CRNGDP 3,81,82
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:21 mg/kg CNREA8 37,1461,77
2V03R60 imp-rat TDLo:28 mg/kg CNREA8 37,111,77
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDROXYLAMINE, N,O-DIACETYL-N-(2-PHENANTHRYL)- see: AF1670000

NC3440000 HYDROXYLAMINE, N,O-DIACETYL-N-(p-STYRYLPHENYL)-
UPDT:8401 CAS: 26594-44-5 MW: 295.36 MOLFM: C18-H17-N-O3
SYN: ACETIC ACID, (N-ACETYL-N-(p-STYRYLPHENYL)AMINO) ESTER * ACETIC ACID, ESTER with N-(p-STYRYLPHENYL)ACETOHYDROXAMIC ACID * N-ACETOXY-N-(4-STILBENYL)-ACETAMIDE * N,O-DIACETYL-N-(p-STYRYLPHENYL)HYDROXYLAMINE * N-(p-STYRYLPHENYL)ACETOHYDROXAMIC ACETATE
MUTATION DATA AND REFERENCES:
mmo-sat 5 ug/plate CBINA8 26,11,79
mma-sat 5 ug/plate CBINA8 26,11,79
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:2360 ug/kg JNCIAM 54,491,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NC3450000 HYDROXYLAMINE, N,O-DIACETYL-N-(p-STYRYLPHENYL)-, (E)-
UPDT:8401 CAS: 26488-34-6 MW: 295.36 MOLFM: C18-H17-N-O3
SYN: trans-N-ACETOXY-4-ACETYL-AMINOSTILBENE * trans-N,O-DIACETYL-N-(p-STYRYLPHENYL)HYDROXYLAMINE
MUTATION DATA AND REFERENCES:
mrc-smc 10 ppm ZEKBAI 74,412,70
TUMORIGENIC DATA AND REFERENCES:
2V01D45 orl-rat TDLo:180 mg/kg/20W-I ZEKBAI 74,200,70

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NC3500000 HYDROXYLAMINE, N,N-DIETHYL-
UPDT:8407 CAS: 3710-84-7 MW: 89.16 MOLFM: C4-H11-N-O
SYN: DEHA * DIETHYLHYDROXYLAMINE

MUTATION DATA AND REFERENCES:

sln-dmg-orl 200 ppm	CAES** 492-78,78
dns-hmn:leu 4000 ppm	ENVRAL 20,99,79
dlt-rat-par 180 mg/kg	CAES** 492-78,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	par-rat TDLo:180 mg/kg (1D male)	ENVRAL 20,99,79
1T25	par-rat TDLo:18 mg/kg (1D male)	ENVRAL 20,99,79

TOXICITY DATA AND REFERENCES:

orl-rat LDLo:1600 mg/kg	KODAK* 21MAY71
skn-rat LDLo:100 mg/kg	KODAK* 21MAY71
ipr-mus LDLo:1750 mg/kg	34ZIAG -,217,69
skn-rbt LDLo:2000 mg/kg	34ZIAG -,217,69

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NC3535000 HYDROXYLAMINE, O,N-DIETHYL-N-NITROSO-
UPDT:8401 CAS: 56235-95-1 MW: 118.16 MOLFM: C4-H10-N2-O2
SYN: N-NITROSO-O,N-DIAETHYLHYDROXYLAMIN (German) * N-NITROSO-O,N-DIETHYLHYDROXYLAMINE * NITROSOETHOXYETHYLAMINE

TUMORIGENIC DATA AND REFERENCES:

3V01J60K60	orl-rat TDLo:7800 mg/kg/39W-I	ZKKOBW 83,205,75

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1000 mg/kg	ZKKOBW 83,205,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NC3561500 HYDROXYLAMINE, N-(2,4-DIMETHYLPHENYL)-
UPDT:8412 MW: 137.20 MOLFM: C8-H11-N-O
SYN: 2,4-DIMETHYLPHENYLHYDROXYLAMINE

MUTATION DATA AND REFERENCES:

mmo-sat 10 umol/L	BCPCA6 32,735,83
mma-sat 5 umol/plate	MUREAV 136,159,84

NC3566500 HYDROXYLAMINE, N-(p-ETHOXYPHENYL)-
UPDT:8405 MW: 153.20 MOLFM: C8-H11-N-O2
SYN: N-(p-ETHOXYPHENYL)HYDROXYLAMINE * N-HYDROXYPHENETIDINE * N-HYDROXY-p-PHENETIDINE

MUTATION DATA AND REFERENCES:

mmo-sat 50 ug/plate	CRNGDP 3,167,82
dnd-rat:lvr 50 umol/L	CNREA8 44,1098,84

NC3567000 HYDROXYLAMINE, N-ETHYL-N-(p-(PHENYLAZO)PHENYL)-
UPDT:8401 MW: 241.32 MOLFM: C14-H15-N3-O
SYN: N-ETHYL-N-(p-(PHENYLAZO)PHENYL)HYDROXYLAMINE * N-HYDROXY-EAB * N-HYDROXY-N-ETHYL-4-AMINOAZOBENZENE * N-HYDROXY-N-ETHYL-p-(PHENYLAZO) ANILINE

TUMORIGENIC DATA AND REFERENCES:

3V03L60M61	orl-rat TDLo:424 mg/kg/5W-I	CNREA8 39,3411,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NC3570000 HYDROXYLAMINE, N-FLUOREN-2-YL-
UPDT:8412 CAS: 53-94-1 MW: 197.25 MOLFM: C13-H11-N-O
SYN: N-HYDROXY-2-AMINOFLUORENE * 2-FLUORENYLHYDROXYLAMINE

MUTATION DATA AND REFERENCES:

mmo-sat 1 ug/plate	MUREAV 122,243,83
mma-sat 500 pg/plate	PNASA6 72,5135,75
pic-sat 100 umol/L	MOPMA3 8,645,72
dnr-esc 500 nmol/plate	MUREAV 21,171,73
pic-esc 1980 ng/plate	MGBUA3 41,3,76
dnd-bcs 1 mmol/L	MUREAV 42,175,77
dnd-rat:lvr 40 umol/L	CNREA8 44,1098,84
dns-rat:oth 100 nmol/L	CNREA8 42,3974,82
dnd-mus:lvr 5 umol/L	CRNGDP 5,797,84
dns-mus:oth 100 nmol/L	CNREA8 42,3974,82
oms-rbt:lvr 10 umol/L	CBINA8 34,109,81
dns-dog:oth 100 nmol/L	CNREA8 42,3974,82

TUMORIGENIC DATA AND REFERENCES:

3V02R60V10	scu-rat TDLo:420 mg/kg/9W-I	CNREA8 31,1645,71
2V01V10	ipr-gpg TDLo:1600 mg/kg/17W-I	CNREA8 24,2018,64

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71; ADCSAJ 13,271,70

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NC3600000 HYDROXYLAMINE, N-FLUOREN-3-YL-
UPDT:8401 CAS: 51029-30-2 MW: 197.25 MOLFM: C13-H11-N-O
SYN: 3-FLUORENYLHYDROXYLAMINE * N-HYDROXY-3-AMINOFLUORENE

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10	imp-rat TDLo:20 mg/kg	CNREA8 33,2489,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDROXYLAMINE, N-FLUOREN-2-YL-O-GLUCURONIDE see: LM4200000

NC3660000 HYDROXYLAMINE, N-(2-FLUORENYL)-N-PHENYL-
UPDT:8401 CAS: 11674-15-4 MW: 273.35 MOLFM: C19-H15-N-O
SYN: N-PHENYL-2-FLUORENYLHYDROXYLAMINE * N-PHENYL-N-9H-FLUOREN-2-YLHYDROXYLAMINE

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10	ipr-rat TDLo:450 mg/kg/4W-I	CNREA8 31,778,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDROXYLAMINE, N-FORMYL- see: LQ4740000

NC3673000 HYDROXYLAMINE, HYDRIODIDE
UPDT:8308 MW: 159.94 MOLFM: H2-N-O H-I
SYN: HYDROXYLAMINE IODIDE (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FORBIDDEN	CFRGBR 49,172.101,82

NC3675000 HYDROXYLAMINE, HYDROCHLORIDE
UPDT:8408 CAS: 5470-11-1 MW: 69.50 MOLFM: H3-N-O Cl-H
SYN: OXAMMONIUM HYDROCHLORIDE

MUTATION DATA AND REFERENCES:

dnr-esc 500 ug/plate	JJIND8 62,873,79
mmo-bcs 1 mol/L	MGGEAE 147,1,76
mmo-omi 200 mmol/L	MUREAV 8,451,69
mmo-omi 1 mol/L	VIRLAX 81,192,77
mmo-omi 20 mmol/L	SCIEAS 148,507,65
mmo-omi 1 mol/L	GENTAE 66,1,70
mmo-omi 450 mmol/L	MGGEAE 141,207,75
mmo-omi 1 mol/L	PNASA6 68,3158,71
mmo-omi 1 mol/L	MUREAV 73,1,80
mmo-nsc 1 mol/L	MUREAV 5,359,68
mrc-smc 200 ppm	JJIND8 62,901,79
cyt-grh-par 2500 ug	PISCAD 59(Pt. 3),480,72
otr-rat:emb 19500 ng/plate	JJATDK 1,190,81
cyt-mam:lym 500 mg/L	MUREAV 81,63,81

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:408 mg/kg	APTOA6 6,285,50
	ipr-mus LD50:100 mg/kg	NTIS** AD691-490
	scu-dog LDLo:70 mg/kg	HBAMAK 4,1289,35

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

HYDROXYLAMINE IODIDE (DOT) see: NC3673000

NC3725000 HYDROXYLAMINE, N-(2-METHOXY-4-(PHENYLAZO)PHENYL)-
UPDT:8304 MW: 243.29 MOLFM: C13-H13-N3-O2
SYN: BENZENAMINE, N-HYDROXY-2-METHOXY-4-(PHENYLAZO)- (9CI) * N-HYDROXY-3-METHOXY-4-AMINOAZOBENZENE * 4-HYDROXY-3-METHOXY-4-AMINOAZOBENZENE * N-(2-METHOXY-4-(PHENYLAZO)PHENYL)HYDROXYLAMINE

MUTATION DATA AND REFERENCES:

mmo-sat 50 nmol/plate	GANNA2 72,921,81
mma-sat 50 nmol/plate	GANNA2 72,921,81

TUMORIGENIC DATA AND REFERENCES:

3V01P61V10	scu-mus TDLo:623 mg/kg/8W-I	GANNA2 73,136,82
3V03R60V10	scu-mus TDLo:1246 mg/kg/8W-I	GANNA2 73,136,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NC3800000 HYDROXYLAMINE, N-METHYL-
UPDT:8308 CAS: 593-77-1 MW: 47.07 MOLFM: C-H5-N-O
SYN: METHANAMINE, N-HYDROXY- * METHYLHYDROXYLAMINE * NCI-C60066

MUTATION DATA AND REFERENCES:

mmo-bcs 1 mol/L	MUREAV 4,517,67
oms-bcs 10 mmol/L	MUREAV 4,517,67
cyt-mus:emb 50 umol/L	JNCIAM 32,667,64
cyt-ham:oth 50 umol/L	JNCIAM 32,667,64

TOXICITY DATA AND REFERENCES:

ipr-mus LDLo:188 mg/kg	TXAPA9 23,288,72

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

NC3850000 HYDROXYLAMINE, O-METHYL-
UPDT:8308 CAS: 67-62-9 MW: 47.07 MOLFM: C-H5-N-O
SYN: METHOXYAMINE * o-METHYLHYDROXYLAMINE * NCI-C60060

MUTATION DATA AND REFERENCES:

dnd-esc 20 umol/L	MUREAV 89,95,81
mmo-bcs 1 mol/L	MUREAV 4,517,67
mmo-omi 50 mmol/L	MUREAV 49,173,78
mmo-omi 50 mmol/L	MUREAV 49,163,78
mmo-omi 1 mol/L	SOGEBZ 12,1005,76
mmo-omi 1 mol/L	SOGEBZ 9,1019,73

TOXICITY DATA AND REFERENCES:

unk-mus LD50:300 mg/kg	BJCAAI 6,160,52

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

NC3974000 HYDROXYLAMINE, N-(4-METHYLDIPYRIDO(1,2-a:3′,2′-d)IMIDAZOL-3-YL)-
UPDT:8412 MW: 214.25 MOLFM: C11-H10-N4-O

MUTATION DATA AND REFERENCES:

mmo-sat 1 ug/plate	MUREAV 136,23,84
mma-sat 1 ng/plate	MUREAV 136,23,84

NC3975000 HYDROXYLAMINE, N-(6-METHYLDIPYRIDO(1,2-a:3′,2′-d)IMIDAZOL-2-YL)-
UPDT:8406 MW: 214.25 MOLFM: C11-H10-N4-O
SYN: 2-HYDROXYAMINO-6-METHYLDIPYRIDO(1,2-a:3′,2′-d)IMIDAZOLE * N-(6-METHYLDIPYRIDO(1,2-a:3′,2′-d)IMIDAZOL-2-YL)HYDROXYLAMINE

MUTATION DATA AND REFERENCES:

mmo-sat 20 pmol/plate	BBRCA9 116,141,83

NC3980000 HYDROXYLAMINE, O-METHYL-, HYDROCHLORIDE
UPDT:8303 CAS: 593-56-6 MW: 83.53 MOLFM: C-H5-N-O Cl-H
SYN: METHOXYAMINE, HYDROCHLORIDE * METHOXYLAMINE HYDROCHLORIDE * O-METHYLHYDROXYLAMINE * METHYLOXYAMMONIUM CHLORIDE * O-METHYLHYDROXYLAMINE HYDROCHLORIDE

MUTATION DATA AND REFERENCES:

oms-bcs 900 mmol/L	DKBSAS 257,154,81
mmo-omi 1 mol/L	BBACAQ 390,1,75
slt-dmg-par 250 ug	CBINA8 2,331,70
cyt-ham:oth 2 gm/L	SOGEBZ 11,480,75
msc-ham:lng 2 gm/L	SOGEBZ 11,475,75
msc-ham:oth 2 gm/L	SOGEBZ 9,1525,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

NC4010000 HYDROXYLAMINE, N-METHYL-N-(p-(PHENYLAZO)PHENYL)-
UPDT:8401 MW: 227.29 MOLFM: C13-H13-N3-O
SYN: N-HYDROXY-MAB * N-HYDROXY-N-METHYL-4-AMINOAZOBENZENE * N-METHYL-N-(p-(PHENYLAZO)PHENYL)HYDROXYLAMINE

MUTATION DATA AND REFERENCES:

mmo-sat 100 nmol/plate	CALEDQ 1,91,75
mma-sat 100 nmol/plate	CALEDQ 1,91,75

TUMORIGENIC DATA AND REFERENCES:

3V01K60L60	orl-rat TDLo:466 mg/kg/5W-I	CNREA8 39,3411,79
3V03L60V10	ipr-rat TDLo:28 mg/kg	CNREA8 39,3411,79
2V03V10	scu-rat TDLo:149 mg/kg/12W-I	CNREA8 39,3411,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NC4015000 HYDROXYLAMINE, N-(1-METHYL-5H-PYRIDO(4,3-b)INDOL-3-YL)-
UPDT:8309 MW: 213.26 MOLFM: C12-H11-N3-O
SYN: 3-HYDROXYAMINO-1-METHYL-5H-PYRIDO(4,3-b)INDOLE

MUTATION DATA AND REFERENCES:

mmo-sat 20 pmol/plate	BBRCA9 105,1396,82
mma-sat 10 ug/plate	CNREA8 41,4518,81
dnd-mam:lym 3 mg	BBRCA9 96,355,80

NC4025000 HYDROXYLAMINE, N-1-NAPHTHYL-
UPDT:8405 CAS: 607-30-7 MW: 159.20 MOLFM: C10-H9-N-O
SYN: N-HYDROXY-1-AMINONAPHTHALENE * N-HYDROXY-1-NAPHTHYLAMINE * 1-NAPHTHYLHYDROXYLAMINE * N-1-NAPHTHYLHYDROXYLAMINE

MUTATION DATA AND REFERENCES:

mmo-sat 1 ug/plate	MUREAV 122,243,83
mma-sat 1 ug/plate	PNASA6 72,5135,75
pic-sat 500 nmol/L	MOPMA3 10,640,74
dnr-esc 250 ug/plate	JJIND8 62,873,79
mmo-smc 400 umol/L	CNREA8 32,1890,72
mmo-smc 200 umol/L	MUREAV 15,147,72
mrc-smc 100 ppm	JJIND8 62,901,79
otr-hmn:oth 2 mg/L	ITCSAF 17,719,81
dnd-rat-scu 106 umol/kg	CNREA8 44,1172,84

	oms-rat-scu 106 umol/kg	CNREA8 44,1172,84
	hma-mus/sat 500 mg/kg	JJIND8 62,911,79

TUMORIGENIC DATA AND REFERENCES

2V02V10	ipr-rat TDLo:1300 mg/kg/13W-I	CNREA8 28,535,68
3V02R60V10	skn-mus TDLo:40 mg/kg	ANYAA9 163,828,69
3V03L60V10	ipr-rat TD :1200 mg/kg/12W-I	CNREA8 31,1461,71

REVIEW AND REFERENCES
TOXICOLOGY REVIEW: AEHLAU 23,6,71
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NC4200000 HYDROXYLAMINE, N-2-NAPHTHYL-
UPDT:8406 CAS: 613-47-8 MW: 159.20 MOLFM: C10-H9-N-O
SYN: N-HYDROXY-2-AMINONAPHTHALENE * N-HYDROXY-2-NAPHTHYLAMINE * 2-NAPHTHYLHYDROXYLAMINE * NHA
MUTATION DATA AND REFERENCES:

	mmo-sat 1 ug/plate	MUREAV 122,243,83
	mma-sat 5 ug/plate	PNASA6 72,5135,75
	pic-sat 5 umol/L	MOPMA3 10,640,74
	dnr-esc 250 ug/plate	JJIND8 62,873,79
	mmo-nsc 600 umol/L	CNREA8 32,1890,72
	mmo-smc 810 umol/L	MUREAV 15,147,72
	mrc-smc 500 ppm	JJIND8 62,911,79
	otr-hmn:oth 1700 ug/L	ITCSAF 17,719,81
	dnd-rat-scu 106 umol/kg	CNREA8 44,1172,84
	oms-rat-scu 106 umol/kg	CNREA8 44,1172,84
	msc-ham:ovr 2 mg/L	MUREAV 112,329,83
	dnd-mam:lym 1 mmol/L	CRNGDP 1,139,80

TUMORIGENIC DATA AND REFERENCES

3V03L60P62	skn-rat TDLo:624 mg/kg/52W-I	RCOCB8 18,353,77
3V02M60V10	ipr-rat TDLo:1300 mg/kg/13W-I	CNREA8 28,535,68
3V03R60V10	skn-mus TDLo:40 mg/kg	ANYAA9 163,828,69
2V01M60	imp-mus TDLo:80 mg/kg	BJCAAI 17,127,63
2V03M60	par-dog TDLo:30 mg/kg/2Y-I	CNREA8 31,1461,71
2V02M60	imp-mus TD :160 mg/kg	ANYAA9 108,924,63

REVIEW AND REFERENCES
TOXICOLOGY REVIEW: AEHLAU 23,6,71; ADCSAJ 13,271,70
STATUS
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NC4550000 HYDROXYLAMINE, N-NITROSO-N-PHENYL-
UPDT:8307 CAS: 148-97-0 MW: 138.14 MOLFM: C6-H6-N2-O2
SYN: INHIBITOR NPH * INHIBITOR NPH-FE * NITROSOPHENYLHYDROXYLAMINE * POLYSTOP
TOXICITY DATA AND REFERENCES

*	orl-rat LD50:490 mg/kg	TXAPA9 28,313,74
*	skn-rbt LD50:6400 mg/kg	TXAPA9 28,313,74

STATUS
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NC4725000 HYDROXYLAMINE, N-NITROSO-N-PHENYL-, AMMONIUM SALT
UPDT:8412 CAS: 135-20-6 MW: 156.19 MOLFM: C6-H6-N2-O2 .H4-N
SYN: AMMONIUM N-NITROSOPHENYLHYDROXYLAMINE * CUPFERON (Czech) * CUPFERRON * N-HYDROXY-N-NITROSO-BENZENAMINE, AMMONIUM SALT * KUPFERRON (Czech) * NCI-C03258 * N-NITROSOFENYLHYDROXYLAMIN AMONNY (Czech) * N-NITROSOPHENYLHYDROXYLAMIN AMMONIUM SALZ (German) * N-NITROSOPHENYLHYDROXYLAMINE AMMONIUM SALT
IRRITATION DATA AND REFERENCES:

	eye-rbt 20 mg/24H SEV	28ZPAK -,110,72

MUTATION DATA AND REFERENCES:

	cyt-grh-orl 1 pph	JCGEDO 175,66

TUMORIGENIC DATA AND REFERENCES

3V01H60L60	orl-rat TDLo:123 gm/kg/78W-C	NCITR* NCI-CG-TR-100,78
3V01H60L60	orl-mus TDLo:437 gm/kg/78W-C	NCITR* NCI-CG-TR-100,78
2V03J60	orl-rat TD :9040 mg/kg/65W-C	ZEKBAI 69,103,67

TOXICITY DATA AND REFERENCES

	orl-rat LDLo:250 mg/kg	NCNSA6 5,27,53
	ipr-rat LDLo:50 mg/kg	KODAK* 21MAY71
*	ivn-mus LD50:180 mg/kg	CSLNX* NX#04968

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-100,78)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NC4745000 HYDROXYLAMINE, N-(2-PHENANTHRYL)-
UPDT:8305 MW: 209.26 MOLFM: C14-H11-N-O
SYN: N-HYDROXY-2-AMINOPHENANTHRENE * N-(2-PHENANTHRYL)HYDROXYLAMINE
MUTATION DATA AND REFERENCES:

	oms-bcs 10 gm/L	CNREA8 30,1473,70

HYDROXYLAMINE, N-(4-QUINOLYL)-, 1'-OXIDE see: VB9800000

NC5075000 HYDROXYLAMINE, N-(p-STYRYLPHENYL)-, (E)
UPDT:8401 CAS: 60462-51-3 MW: 211.28 MOLFM: C14-H13-N-O
SYN: trans-N-HYDROXY-4-AMINOSTILBENE * trans-N-(p-STYRYLPHENYL)HYDROXYLAMINE * trans-N-(4-STYRYLPHENYL)HYDROXYLAMINE
TUMORIGENIC DATA AND REFERENCES:

3V02R60V10	scu-rat TDLo:18 mg/kg/1W-I	CNREA8 24,128,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

HYDROXYLAMINE, SULFATE see: NC5425000

NC5425000 HYDROXYLAMINE, SULFATE (2:1)
UPDT:8412 CAS: 10039-54-0 MW: 164.16 MOLFM: H6-N2-O2 .H2-O4-S
SYN: HYDROXYLAMINE, SULFATE * HYDROXYLAMINE SULPHATE (DOT) * OXAMMONIUM SULFATE * UN 2865 (DOT)
MUTATION DATA AND REFERENCES:

	cyt-dmg-orl 5000 ppm	CARYAB 31,1,78

TOXICITY DATA AND REFERENCES

	ipr-mus LDLo:102 mg/kg	TXAPA9 23,288,72

STANDARDS & REGULATIONS:

★ DOT-IMO:CORROSIVE MATERIAL, LABEL:CORROSIVE	CFRGBR 49,172,102,83

STATUS
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0783-0486

NC5427200 HYDROXYLAMINE-O-SULFONIC ACID, N-ACETYL-N-(4-BIPHENYLYL)-
UPDT:8305 MW: 307.34 MOLFM: C14-H13-N-O5-S
SYN: 4-ACETYLAMINOBIPHENYL-N-SULFATE POTASSIUM SALT
MUTATION DATA AND REFERENCES:

	mmo-bcs 10 gm/L	CNREA8 30,1473,70
	oms-bcs 10 gm/L	CNREA8 30,1473,70
	dnd-bcs 10 gm/L	CNREA8 30,1473,70

NC5427500 HYDROXYLAMINE-O-SULFONIC ACID, N-ACETYL-N-(2-FLUORENYL)-
UPDT:8303 MW: 320.36 MOLFM: C15-H14-N-O5-S
SYN: ACETYLAMINOFLUORENE-N-SULFATE
MUTATION DATA AND REFERENCES:

	mmo-bcs 6600 mmol	MOPMA3 4,411,68
	oms-bcs 6600 mmol	MOPMA3 4,411,68
	dnd-bcs 6600 mmol	MOPMA3 4,411,68

HYDROXYLAMINE SULPHATE (DOT) see: NC5425000

NC5480000 HYDROXYLAMINE, N-(p-TOLYL)-
UPDT:8412 CAS: 623-10-9 MW: 123.17 MOLFM: C7-H9-N-O
SYN: BENZENAMINE, N-HYDROXY-4-METHYL-(9CI) * 4-(HYDROXYAMINO)TOLUENE * 4-METHYLPHENYLHYDROXYLAMINE * N-(p-METHYLPHENYL)HYDROXYLAMINE * N-(4-METHYLPHENYL)HYDROXYLAMINE * para-TOLYL-HYDROXYLAMIN (German) * N-p-TOLYHYDROXYLAMINE * p-TOLYHYDROXYLAMINE
MUTATION DATA AND REFERENCES

	mmo-sat 5 mg/L	MUREAV 136,159,84
	mmo-sat 7 umol/plate	MUREAV 136,159,84
	mrc-smc 100 ppm	ZEKBAI 74,412,70

NC5490000 HYDROXYLAMINE, N-(4-(o-TOLYLAZO)-o-TOLYL)-
UPDT:8303 MW: 241.32 MOLFM: C14-H15-N3-O
SYN: N-HYDROXY-O-AMINOAZOTOLUENE * N-(4-(o-TOLYLAZO)-o-TOLYL)HYDROXYLAMINE
MUTATION DATA AND REFERENCES:

	mmo-sat 5 nmol/plate	CRNGDP 3,1113,82
	mmo-sat 10 nmol/plate	CRNGDP 3,1113,82

4-HYDROXYLAMINOBIPHENYL see: NC3150000
6-HYDROXYLAMINOPURINE see: AU6300000
6-N-HYDROXYLAMINOPURINE see: AU6300000
6-HYDROXYLAMINO-1-beta-D-RIBOFURANOSYLHYDROURACIL 4-OXIME see: HA3880000
HYDROXYL NO. 253 see: SM5600000
13-HYDROXYLUPANINE-2-PYRROLECARBOXYLIC ACID ESTER see: UX9370000
HYDROXYLUREA see: YT4900000
N-HYDROXY-MAB see: NC4010000
m-HYDROXYMANDELONITRILE see: OO8492000
1-HYDROXY-MC 9,10-DIHYDRODIOL (E) see: FZ4065000
17-HYDROXY-1-alpha-MERCAPTOPREGN-4-ENE-3,20-DIONE THIOACETATE (ester) see: TU5220000
6-HYDROXY-2-MERCAPTOPYRIMIDINE see: YR1575000
p-HYDROXYMERCURIBENZOATE see: OV8070000
p-HYDROXYMERCURIBENZOIC ACID see: OV8070000
5-((3-(HYDROXYMERCURI)-2-METHOXYPROPYL)CARBAMOYL)-2-THIOPHENECARBOXYLIC ACID see: XM8460000
o-(HYDROXYMERCURI)PHENOL see: OW4950000
HYDROXYMETHANESULFINIC ACID SODIUM SALT see: PB0380000
4'-HYDROXYMETHAQUALONE see: VA3472000 4(3H)-QUINAZOLINONE, 3-(4-HYDROXY-o-TOLYL)-2-METHYL
4'-HYDROXY-3'-METHOXYACETOPHENONE see: AM8800000
1-HYDROXY-2-METHOXY-4-ALLYLBENZENE see: SJ4375000
N-HYDROXY-3-METHOXY-4-AMINOAZOBENZENE see: NC3725000
4-HYDROXY-3-METHOXY-4-AMINOAZOBENZENE see: NC3725000
3-HYDROXY-4'-METHOXY-4-AMINODIPHENYL HYDROCHLORIDE see: DV5225000
6-HYDROXY-2-METHOXYAPORPHINE see: CE1040000
4-HYDROXY-3-METHOXYBENZALDEHYDE see: YW5775000
1-HYDROXY-2-METHOXYBENZENE see: SL7525000
6-HYDROXY-7-METHOXY-5-BENZOFURANACRYLIC ACID delta-LACTONE see: LV1400000
2-HYDROXY-4-METHOXYBENZOPHENONE see: DJ1575000
2-HYDROXY-4-METHOXYBENZOPHENONE-5-SULFONIC ACID see: DB5044300 BENZENESULFONIC ACID, 5-BENZOYL-4-HYDROXY-2-METHOXY-
4-HYDROXY-3-METHOXYCINNAMIC ACID see: GD9275000
2-HYDROXY-3-METHOXY-1,3,5(10)-ESTRATRIEN-17-ONE see: KG7756000
4-HYDROXY-3-METHOXY-1,3,5(10)-ESTRATRIEN-17-ONE see: KG7755000
1-HYDROXY-2-METHOXY-N-ETHYLNORAPORPHINE see: RB6006000
4-HYDROXY-5-METHOXYISOPHTHALALDEHYDE see: NT2005000
4-HYDROXY-5-METHOXYISOPHTHALIC DIALDEHYDE see: NT2005000
5-HYDROXY-3-METHOXY-7-(p-METHOXYPHENYL)-2,4,6-HEPTATRIENOIC ACID gamma-LACTONE see: UQ1225200
trans-1-(2-HYDROXY-4-METHOXY-3-(3-METHYL-2-BUTENYL)PHENYL)-3-PHENYL-2-PROPEN-1-ONE see: UD5579100
3-HYDROXY-N-METHOXY-N-METHYL-cis-CROTONAMIDE, DIMETHYL PHOSPHATE see: TC4025000
4-HYDROXY-3-METHOXY-5,6-METHYLENEDIOXY-APORPHIN see: CE1050000
5-HYDROXY-3-METHOXY-7-(3,4-(METHYLENEDIOXY)PHENYL)-2,6-HEPTADIENOIC ACID gamma-LACTONE see: UQ0517000
6-HYDROXY-3-METHOXY-N-METHYL-4,5-EPOXYMORPHINAN see: QD1680000
N-HYDROXY-5-METHOXY-2-METHYL-1H-INDOLE-3-ACETAMIDE see: NL2534000
6-(4-HYDROXY-6-METHOXY-7-METHYL-3-OXO-5-PHTHALANYL)-4-METHYL-4-HEXENOIC ACID (E)- see: MP8050000
1-HYDROXY-5(or 6)-METHOXY-6(or 5)-METHYL-2(1H)-PYRIDONE see: UV1147000
1-HYDROXY-5(or 6)-METHOXY-6(or 5)-METHYL-2(1H)-PYRIDONE COPPER complex see: UV1147300
1-HYDROXY-5(or 6)-METHOXY-6(or 5)-METHYL-2(1H)-PYRIDONE ETHANOLAMINE SALT see: UV1147600
1-HYDROXY-2-METHOXYNORAPORPHINE see: RB6009000
1-HYDROXY-6-METHOXYPHENAZINE 5,10-DIOXIDE see: SG1660000
4-(4-HYDROXY-3-METHOXYPHENYL)-2-BUTANONE see: EL8900000
(4-HYDROXY-3-METHOXYPHENYL)ETHYL METHYL KETONE see: EL8900000
5-HYDROXY-3-METHOXY-7-PHENYL-2,6-HEPTADIENOIC ACID gamma-LACTONE see: UQ0518000
N-((4-HYDROXY-3-METHOXYPHENYL)METHYL)-8-METHYL-6-NONENAMIDE see: RA8530000
trans-N-((4-HYDROXY-3-METHOXYPHENYL)METHYL)-8-METHYL-6-NONENAMIDE see: RA8530000
(2-HYDROXY-4-METHOXYPHENYL)PHENYLMETHANONE see: DJ1575000
4-HYDROXY-N-(o-METHOXYPHENYL)-4-PHENYL-THIO-1-PIPERIDINECARBOXAMIDE see: TM6123000
4-HYDROXY-N-(p-METHOXYPHENYL)-4-PHENYL-THIO-1-PIPERIDINECARBOXAMIDE see: TM6124000
3-(4-HYDROXY-3-METHOXYPHENYL)PROPENOIC ACID see: GD9275000
1-(2-HYDROXY-3-METHOXY-3-PHENYLPROPYL)-4-(2-METHOXY-2-PHENYLETHYL)PIPERAZINE DIHYDROCHLORIDE see: TL9310000
3-HYDROXY-16-alpha-METHOXYPREGNAN-20-ONE see: TU4384300
1-HYDROXY-2-METHOXY-4-PROPENYLBENZENE see: SL7875000
1-HYDROXY-2-METHOXY-4-PROP-2-ENYLBENZENE see: SJ4375000
4-HYDROXY-3-METHOXY-1-PROPENYLBENZENE see: SL7875000
4-HYDROXY-3-METHOXYPROPYLBENZENE see: SL8050000
4-HYDROXY-8-METHOXYQUINALDIC ACID see: UZ9550000
4-HYDROXY-3-METHOXYSTYRENE see: SL8205000
2-(HYDROXYMETHOXY)-2-((p-SULFAMOYLPHENYLCARBAMOYL)METHYL)SUCCINIC ACID gamma-LACTONE see: WM8070000
beta-(HYDROXYMETHOXY)TRICARBALLYLIC ACID gamma-LACTONE ALLYL ESTER see: YA4376000
beta-(HYDROXYMETHOXY)TRICARBALLYLIC ACID gamma-LACTONE BENZYL ESTER see: YA4377000
3-HYDROXY-6-alpha-METHYL-17-ACETOXYPROGESTERONE see: TU5555000
2-HYDROXY-3-METHYL-4-ACETYLTETRAHYDROFURANE see: OB6005000
N-(HYDROXYMETHYL)ACRYLAMIDE see: AS3600000
17-beta-HYDROXY-17-(2-METHYLALLYL)-9-beta,10-alpha-ANDROST-4-EN-3-ONE see: BV8409000
17-beta-HYDROXY-17-alpha-(1-METHYLALLYL)ESTR-4-EN-3-ONE see: KG8017000
17-beta-HYDROXY-17-alpha-(2-METHYLALLYL)ESTR-4-EN-3-ONE see: KG8020000
17-beta-HYDROXY-17-(2-METHYLALLYL)ESTR-4-EN-3-ONE see: KG8020000
alpha-HYDROXY-beta-METHYL AMINE PROPYLBENZENE see: KB0700000
N-HYDROXY-N-METHYL-4-AMINOAZOBENZENE see: NC4010000
3'-HYDROXYMETHYL-4-AMINOAZOBENZENE see: DN7710000
(-)-alpha-HYDROXY-beta-(METHYLAMINO)ETHYL-alpha-(3-HYDROXYBENZENE) HYDROCHLORIDE see: DO7525000

3'-(1-HYDROXY-2-(METHYLAMINO)ETHYL)METHANESULFONANILIDE METHANESULFONATE see: PB0870200
3'-(1-HYDROXY-2-(METHYLAMINO)ETHYL)METHANESULFONANILIDE MONOMETHANESULFONATE SALT see: PB0870200
l-alpha-HYDROXY-beta-METHYLAMINO-3-HYDROXY-1-ETHYLBENZENE see: DO7175000
4-HYDROXY-alpha-((METHYLAMINO)METHYL)BENZENEMETHANOL see: DO7350000
(R)-3-HYDROXY-alpha-((METHYLAMINO)METHYL)BENZENEMETHANOL HYDROCHLORIDE see: DO7525000
(-)-m-HYDROXY-alpha-(METHYLAMINOMETHYL)BENZYL ALCOHOL see: DO7175000
(+-)-m-HYDROXY-alpha-((METHYLAMINO)METHYL)BENZYL ALCOHOL see: DO7175010
l-m-HYDROXY-alpha-((METHYLAMINO)METHYL)BENZYL ALCOHOL see: DO7175000
p-HYDROXY-alpha-((METHYLAMINO)METHYL)BENZYL ALCOHOL see: DO7350000
1-m-HYDROXY-alpha-(METHYLAMINOMETHYL)BENZYL ALCOHOL HYDROCHLORIDE see: DO7525000
1-HYDROXY-2-METHYL-4-AMINONAPHTHALENE see: QL3350000
1-HYDROXY-2-METHYLAMINO-1-PHENYLPROPANE see: KB0700000
4-(N-HYDROXY-N-METHYLAMINO)QUINOLINE 1-OXIDE see: VC0230000
17-beta-HYDROXY-17-alpha-METHYL-5-alpha-ANDROSTANO(2,3-c)FURAZAN see: BV8061000
17-beta-HYDROXY-17-alpha-METHYLANDROSTANO(3,2-c)ISOXAZOLE see: BV8045500
17-beta-HYDROXY-2-alpha-METHYL-5-ALPHA-ANDROSTAN-3-ONE see: BV8060020
17-beta-HYDROXY-17-METHYL-5-alpha-ANDROSTAN-3-ONE see: BV8060050
17-beta-HYDROXY-17-METHYL-5-alpha-ANDROSTAN-3-ONE O-(p-NITROPHENYL)OXIME see: BV8060150
17-beta-HYDROXY-17-alpha-METHYLANDROSTANO(3,2-c)PYRAZOLE see: BV8065000
2-HYDROXYMETHYL-5-alpha-ANDROST-2-EN-17-beta-OL see: BV8154200
17-beta-HYDROXY-17-METHYLANDROST-4-EN-3-ONE see: BV8400000
17-beta-HYDROXY-7-alpha-METHYLANDROST-5-EN-3-ONE see: BV8405000
17-beta-HYDROXY-1-METHYL-5-alpha-ANDROST-1-EN-3-ONE ACETATE see: BV8408500
17-beta-HYDROXY-17-alpha-METHYLANDROSTRA-1,4-DIEN-3-ONE see: BV8000000
17-alpha-HYDROXY-17-beta-(2-(N-METHYLANILINO)-4-THIAZOLYL)ANDROST-4-EN-3-ONE see: BV8409200
7-HYDROXYMETHYLBENZ(a)ANTHRACENE see: CW8400000
10-HYDROXYMETHYL-1,2-BENZANTHRACENE see: CW8400000
7-HYDROXYMETHYLBENZ(a)ANTHRACENE-5,6-OXIDE see: CX5030000
1-HYDROXY-2-METHYLBENZENE see: GO6300000
1-HYDROXY-3-METHYLBENZENE see: GO6125000
1-HYDROXY-4-METHYLBENZENE see: GO6475000
alpha-(HYDROXYMETHYL)BENZENEACETIC ACID 8-METHYL-8-AZABICYCLO(3.2.1)OCT-3-YL ESTER see: CK0700000
6-HYDROXYMETHYLBENZO(a)PYRENE see: DJ6410000
6-HYDROXYMETHYLBENZO(a)PYRENE SULFATE ESTER (SODIUM SALT) see: DJ6440000
2-(HYDROXYMETHYL)-p-BENZOQUINONE see: DK5160000
2-(HYDROXYMETHYL)-p-BENZOQUINONE ACETATE (ester) see: DK5163000
erythro-(+-)-alpha-(alpha-HYDROXY-alpha-METHYLBENZYL)-4-BIPHENYLACETIC ACID METHYL ESTER see: DU8347000
4-(HYDROXYMETHYL)BIPHENYL see: DV5425000
2-HYDROXY-3-(3-METHYL-2-BUTENYL)-1,4-NAPHTHALENEDIONE see: QL8750000
2-HYDROXY-3-(3-METHYL-2-BUTENYL)-1,4-NAPHTHOQUINONE see: QL8750000
trans-1-(2-HYDROXY-4-((3-METHYL-2-BUTENYL)OXY)PHENYL-3-PHENYL-2-PROPEN-1-ONE see: UD5579200
2-HYDROXY-2-METHYL-3-BUTYNE see: ES0810000
1-HYDROXY-3-METHYLCHOLANTHRENE see: FZ4100000
2-HYDROXY-3-METHYLCHOLANTHRENE see: FZ4200000
15-HYDROXY-20-METHYLCHOLANTHRENE see: FZ4100000
meso-1-HYDROXY-3-METHYLCHOLANTHRENE ACETATE see: FZ3624000
1-HYDROXY-3-METHYLCHOLANTHRENE 9,10-DIHYDRODIOL (E) see: FZ4065000
HYDROXYMETHYLCHRYSAZIN see: CB6712200
7-HYDROXY-4-METHYLCOUMARIN, O,O-DIETHYL THIOPHOSPHORIC ACID ESTER see: GN7525000
7-HYDROXY-4-METHYLCOUMARIN, O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE see: GN7525000
3-HYDROXY-N-METHYLCROTONAMIDE DIMETHYL PHOSPHATE see: TC4375000
3-HYDROXY-N-METHYL-cis-CROTONAMIDE DIMETHYL PHOSPHATE see: TC4375000
2-HYDROXY-4-METHYL-2,4,6-CYCLOHEPTATRIEN-1-ONE see: GU4550000 2,4,6-CYCLOHEPTATRIEN-1-ONE,2-HYDROXY-4-METHYL-
4-(HYDROXYMETHYL)CYCLOPENTA(c)PYRAN-7-CARBOXALDEHYDE see: GY5820000
4-(HYDROXYMETHYL)CYCLOPENTA(c)PYRAN-7-CARBOXALDEHYDE ACETATE see: GY5825000
2-HYDROXY-3-METHYL-2-CYCLOPENTEN-1-ONE see: GY7298000
5-HYDROXYMETHYL-2'-DEOXYURIDINE see: YU7600000
HYDROXY-6 METHYL-2 DIHYDRO-5,6 4H IMIDAZO-(4,5,1-ij)-QUINOLEINE CHLORHYDRATE (French) see: NJ5914000
2'-HYDROXYMETHYL-N,N-DIMETHYL-4-AMINOAZOBENZENE see: DO5435500
3'-HYDROXYMETHYL-N,N-DIMETHYL-4-AMINOAZOBENZENE see: DO5435000
4'-HYDROXYMETHYL-N,N-DIMETHYL-4-AMINOAZOBENZENE see: DO5435600
4-HYDROXYMETHYL-2,2-DIMETHYL-1,3-DIOXOLANE see: JI0400000
(HYDROXYMETHYL)DIMETHYLPHENYLSILANE CARBAMATE see: FA3200000
2-(HYDROXYMETHYL)-1,1-DIMETHYLPIPERIDINIUM METHYL SULFATE BENZILATE see: TN5950070
3-HYDROXYMETHYL-1,2-DIMETHYLPYRROLE see: UX9636000
3-beta-HYDROXY-5'-METHYLENE-16-alpha-ANDROST-5-ENO(16,17-c)FURAN-2'-ONE ACETATE (ester) see: BV8157000
2'-HYDROXY-3,4-METHYLENEDIOXY-4'-FLUOROCHALCONE see: FL7030000
2-HYDROXYMETHYLENE-17-alpha-METHYL-5-alpha-ANDROSTAN-17-beta-OL-3-ONE see: BV8060000
2-(HYDROXYMETHYLENE)-17-alpha-METHYLDIHYDROTESTOSTERONE see: BV8060000
2-HYDROXYMETHYLENE-17-alpha-METHYL-DIHYDROTESTOSTERONE see: BV8060000
2-HYDROXYMETHYLENE-17-alpha-METHYL-17-beta-HYDROXY-3-ANDROSTANONE see: BV8060000
17-HYDROXY-16-METHYLENE-19-NORPREGN-4-ENE-3,20-DIONE ACETATE see: RC8960750
3-beta-HYDROXY-21-(METHYLENEPIPERIDINO)-5-alpha-PREGNAN-20-ONE see: TU4385000
7-beta-HYDROXY-1-METHYLENE-8-beta-PYRROLIZIDINE see: UY8427400
17-beta-HYDROXY-17-METHYLESTR-4-EN-3-ONE see: KG8000000
17-beta-HYDROXY-17-alpha-METHYLESTR-5(10)-EN-3-ONE see: KG8005000
17-HYDROXY-7-alpha-METHYL-4-ESTREN-3-ONE 17-ACETATE see: KG8010000
17-beta-HYDROXY-7-alpha-METHYL-5-ESTREN-3-ONE 17-ACETATE see: KG8011000
4-(1-HYDROXY-2-((1-METHYLETHYL)AMINO)ETHYL)-1,2-BENZENEDIOL see: DO1750000
4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)BENZAMIDE see: CV5378000
4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)BENZENEACETAMIDE see: AC3600000
1-(7-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-2-BENZOFURANYL)ETHANONE see: OB4310000KETONE, 7-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-2-BENZOFURANYL METHYL
1-(7-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-2-BENZOFURANYL)ETHANONE HYDROCHLORIDE see: KM5780130
4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-N-METHYLBENZAMIDE see: CV5378500
(S)-4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENOL see: SL5090000
N-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)ACETAMIDE see: AE4222000
N-(2-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)ETHYL)ACETAMIDE see: AC3643000
N-((4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)METHYL)ACETAMIDE see: AC3595000
N-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)-N-METHYLACETAMIDE see: AC3644000
((4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)METHYL)UREA see: YT4975200
N-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)-N'-METHYLUREA see: YT4975400
N-(3-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)PROPYL)ACETAMIDE see: AC3645000
(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)UREA see: YT4975000
4-(2-HYDROXY-3-((1-METHYLETHYL)-AMINO)PROPOXY)-2,3,6-TRIMETHYLPHENOL 1-ACETATE see: UB6500000
(-)-alpha-(1-HYDROXY-1-METHYLETHYL)-4-BIPHENYLACETIC ACID METHYL ESTER see: DU8347500
N-(1-(HYDROXYMETHYL)ETHYL)-D-LYSERGAMIDE see: KE5075000
N-(alpha-(HYDROXYMETHYL)ETHYL)-D-LYSERGOMIDE see: KE5075000
12'-HYDROXY-2'-(1-METHYLETHYL)-5'-alpha-(2-METHYLPROPYL)ERGOTAMAN-3',6',18-TRIONE see: KE1400000
2-HYDROXYMETHYLFLUORANTHENE see: LL4450000
3-HYDROXYMETHYLFLUORANTHENE see: LL4460000
5-HYDROXYMETHYLFURALDEHYDE see: LT7031100
2-HYDROXYMETHYLFURAN see: LU9100000
5-(HYDROXYMETHYL)FURFURAL see: LT7031100
HYDROXYMETHYLFURFUROLE see: LT7031100
beta-HYDROXY-beta-METHYLGLUTARIC ACID see: MA3753000
3-HYDROXY-3-METHYLGLUTARIC ACID see: MA3753000
3-HYDROXY-1-METHYLGUANINE see: MF8410000
3-HYDROXY-7-METHYLGUANINE see: MF8412000
3-HYDROXY-9-METHYLGUANINE see: MF8414000
3-HYDROXYMETHYL-n-HEPTAN-4-OL see: MO2625000
2-alpha-HYDROXYMETHYL-17-beta-HYDROXYANDROSTAN-3-ONE see: BV8058700
5-HYDROXY-2-METHYL-1H-IMIDAZOLE-4-CARBOXAMIDE see: NI3976000
1-(HYDROXYMETHYL)INDOLE-2,3-DIONE see: NL7931000
3-HYDROXY-1-METHYL-5,6-INDOLINEDIONE see: NM1925000
7-(3-((2-HYDROXY-3-((2-METHYLINDOL-4-YL)OXY)PROPYL)AMINO)BUTYL)THEOPHYLLINE see: UO8437700
cis,trans-4-HYDROXYMETHYL-2-IODOMETHYL-1,3-DIOXOLANE see: JI1300000
N-HYDROXYMETHYLISATIN (German) see: NL7931000
N-(HYDROXYMETHYL)-2-ISOPROPYL-3-PHENYLBICARBAMIMIDE see: DT4393900
6-HYDROXYMETHYL-2-ISOPROPYLAMINOMETHYL-7-NITRO-1,2,3,4-TETRAHYDROQUINOLINE see: VC0340000
3-HYDROXY-1-METHYL-4-ISOPROPYLBENZENE see: XP2275000
3-HYDROXY-5-METHYLISOXAZOLE see: NY2932000
2-HYDROXYMETHYL-2-(o-METHOXYPHENOXYMETHYL)-1,3-PROPANEDIOL see: TY7100000
2'-HYDROXYMETHYL-3-METHYL-4-AMINOAZOBENZENE see: SJ6933000
3'-HYDROXYMETHYL-N-METHYL-4-AMINOAZOBENZENE see: DO9950000
3-HYDROXY-N-METHYL-5-(METHYLAMINO)-as-TRIAZINE-6-CARBOXAMIDE HYDRATE see: XY5046600
7-HYDROXYMETHYL-12-METHYLBENZ(a)ANTHRACENE see: CW8750000
12-HYDROXYMETHYL-7-METHYLBENZ(a)ANTHRACENE see: CW8925000
7-(HYDROXYMETHYL)-12-METHYLBENZ(a)ANTHRACENE-3,4-DIOL see: CW4637000
12-(HYDROXYMETHYL)-7-METHYLBENZ(a)ANTHRACENE-3,4-DIOL see: CW4637500
2-(HYDROXYMETHYL)-5-METHYL-p-BENZOQUINONE see: DK5165000
2-(HYDROXYMETHYL)-5-METHYL-p-BENZOQUINONE ACETATE (ester) see: DK5166000
1-HYDROXYMETHYL-2-METHYLDITMIDE-2-OXIDE see: PC2625000
3-HYDROXY-1-METHYL-2-METHYLENE-3-PHENYLQUINUCLIDINIUM IODIDE see: VD6127000
17-HYDROXY-6-alpha-METHYL-16-METHYLENEPREGN-4-ENE-3,20-DIONE ACETATE see: TU5401000
3-HYDROXY-1-METHYL-2-METHYLENE-3-(m-TOLYL)QUINUCLIDINIUM IODIDE see: VD6127100
3-HYDROXY-1-METHYL-2-METHYLENE-3-(o-TOLYL)QUINUCLIDINIUM IODIDE see: VD6127110
3-HYDROXY-1-METHYL-2-METHYLENE-3-(p-TOLYL)QUINUCLIDINIUM IODIDE see: VD6127120
3-HYDROXY-1-METHYL-2-METHYLENE-3-(3,4-XYLYL)QUINUCLIDINIUM IODIDE see: VD6127300
3-(2-HYDROXY-7-METHYL-5-METHYLEN-4-OXO-6-NONENYL)-GLUTARIMID (German) see: TM7525000
2-HYDROXYMETHYL-17-alpha-METHYL-17-beta-HYDROXYANDROSTAN-3-ONE see: BV8060010
3-(HYDROXYMETHYL)-1-METHYLIMIDAZOLINIUM CHLORIDE LAURATE (ester) see: NJ4864000
3-HYDROXYMETHYL-1-METHYLINDOLE see: NL9486900
HYDROXYMETHYL-METHYLNITRAMINE see: PC2990000
N-(2-HYDROXYMETHYL)-6-METHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)UREA HYDROCHLORIDE see: YT4978000
4'-HYDROXY-N-(1-METHYL-2-(4-METHYL-1-PIPERAZINYL)ETHYL)PROPIONANILIDE see: UE5098000PROPIONANILIDE, 4'-HYDROXY-N-(1-METHYL-2-(4-METHYL-1-PIPERAZINYL)ETHYL)-
5-HYDROXYMETHYL-6-METHYL-2,4(1H,3H)-PYRIMIDINEDIONE see: YR0515000
2-HYDROXYMETHYL-1-METHYLPYRROLE see: UX9637000
N-(HYDROXYMETHYL)-N'-METHYLTHIOUREA see: YT4980000
1-(HYDROXYMETHYL)-3-METHYL-2-THIOUREA see: YT4980000
5-HYDROXYMETHYL-4-METHYLURACIL see: YR0515000
5-HYDROXYMETHYL-6-METHYLURACIL see: YR0515000
L-3-HYDROXY-N-METHYLMORPHINAN BITARTRATE see: QD1925000
L-3-HYDROXY-N-METHYLMORPHINAN TARTRATE see: QD1925000
N-HYDROXY-N-METHYL-2-NAPHTHALENECARBOXAMIDE see: QJ1897200 2-NAPHTHALENECARBOXAMIDE, N-HYDROXY-N-METHYL-
5-HYDROXY-2-METHYL-1,4-NAPHTHALENEDIONE see: QL8500000
2-HYDROXY-3-METHYL-1,4-NAPHTHOQUINONE see: QL8485000
3-HYDROXY-2-METHYL-1,4-NAPHTHOQUINONE see: QL8485000
5-HYDROXY-2-METHYL-1,4-NAPHTHOQUINONE see: QL8500000
5-HYDROXY-7-METHYL-1,4-NAPHTHOQUINONE see: QL8520000
cis-4-HYDROXY-1-METHYLNIPECOTIC ACID METHYL ESTER HYDROBROMIDE see: QU1980000
trans-4-HYDROXY-1-METHYLNIPECOTIC ACID METHYL ESTER HYDROBROMIDE see: QU1985000
2-HYDROXY-N-METHYL-N-NITROACETAMIDE NITRATE (ester) see: AC3650000
3-HYDROXYMETHYL-1-((3-(5-NITRO-2-FURYL)ALLYLIDENE)AMINO)HYDANTOIN see: MU2480000
HYDROXYMETHYL 5-NITRO-2-FURYL KETONE SEMICARBAZONE see: OB4358000
6-HYDROXYMETHYL-2-(2-(5-NITRO-2-FURYL)VINYL)-PYRIDINE see: UT5023000
5-HYDROXY-6-METHYL-4-(((2-(2-NITRO-1-IMIDAZOLYL)ETHYL)IMINO)METHYL)-3-PYRIDINEMETHANOL see: UT5013700
17-beta-HYDROXY-17-METHYL-B-NORANDROST-4-EN-3-ONE see: RB5890000
17-alpha-HYDROXY-6-METHYL-19-NORPREGNA-4,6-DIENE-3,20-DIONE ACETATE see: RC8899200
17-beta-HYDROXY-18-METHYL-19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE see: JF8225000
cis-1-HYDROXY-5-METHYLOCTAHYDRO-2H-QUINOLIZINIUM BROMIDE ACETATE (ester) see: VC8608200
trans-1-HYDROXY-5-METHYL-OCTAHYDRO-2H-QUINOLIZINIUM BROMIDE ACETATE (ester) see: VC8608100
trans-1-HYDROXY-5-METHYLOCTAHYDRO-2H-QUINOLIZINIUM BROMIDE BUTYRATE (ester) see: VC8608300
trans-1-HYDROXY-5-METHYLOCTAHYDRO-2H-QUINOLIZINIUM BROMIDE HEPTANOATE see: VC8608400
cis-1-HYDROXY-5-METHYLOCTAHYDRO-2H-QUINOLIZINIUM BROMIDE ISOBUTYRATE (ester) see: VC8608600
trans-1-HYDROXY-5-METHYLOCTAHYDRO-2H-QUINOLIZINIUM BROMIDE ISOBUTYRATE (ester) see: VC8608500
cis-1-HYDROXY-5-METHYLOCTAHYDRO-2H-QUINOLIZINIUM BROMIDE PROPIONATE (ester) see: VC8608800
trans-1-HYDROXY-5-METHYLOCTAHYDRO-2H-QUINOLIZINIUM BROMIDE PROPIONATE (ester) see: VC8608700
trans-1-HYDROXY-5-METHYLOCTAHYDRO-2H-QUINOLIZINIUM BROMIDE VALERATE (ester) see: VC8608900
3-HYDROXY-3-METHYLPENTANEDIOIC ACID see: MA3753000

4-HYDROXY-4-METHYL-PENTAN-2-ON (German, Dutch) see: SA9100000
4-HYDROXY-4-METHYL-2-PENTANONE see: SA9100000
4-HYDROXY-4-METHYL PENTAN-2-ONE see: SA9100000
8-((beta-HYDROXY-alpha-METHYLPHENETHYL)AMINO)CAFFEINE see: EV6568500 CAFFEINE, 8-((beta-HYDROXY-alpha-METHYLPHENETHYL)AMINO)-
7-(2-(beta-HYDROXY-alpha-METHYLPHENETHYLAMINO)ETHYL)THEOPHYLLINE see: XH5905700
DL-3-((beta-HYDROXY-alpha-METHYLPHENETHYL)AMINO)-3'-METHOXY-PROPIOPHENONE see: UH2440000
3'-HYDROXY-N-(2-(METHYLPHENETHYLAMINO)PROPYL)PROPIONANILIDE see: UE5098100 PROPIONANILIDE,3'-HYDROXY-N-(2-(METHYLPHENETHYLAMINO)PROPYL)-
N-(beta-HYDROXY-alpha-METHYLPHENETHYL)PHOSPHORAMIDIC ACID DIETHYL ESTER see: TB3540000
o-(HYDROXYMETHYL)PHENOL see: DO6430000
2-HYDROXYMETHYLPHENOL see: DO6430000
4-(1-HYDROXY-2-((1-METHYL-2-PHENOXYETHYL)AMINO)PROPYL)PHENYL ACETATE see: DO8100000
4-(1-HYDROXY-2-((1-METHYL-2-PHENOXYETHYL)AMINO)PROPYL)PHENYL (2,2-DIMETHYL)PROPANOATE see: DO8240000
4-(1-HYDROXY-2-((1-METHYL-2-PHENOXYETHYL)AMINO)PROPYL)PHENYL (2-METHYL)PROPANOATE see: DO8230000
4-(1-HYDROXY-2-((1-METHYL-2-PHENOXYETHYL)AMINO)PROPYL)PHENYL PROPANOATE see: DO8250000
p-HYDROXY-N-(1-METHYL-2-PHENOXYETHYL)NOREPHEDRINE see: DO8050000
HYDROXYMETHYLPHENYLARSINE OXIDE see: CH7940000
N-(4-((2-HYDROXY-5-METHYLPHENYL)AZO)PHENYL)ACETAMIDE see: AC3662000
4-HYDROXY-3-METHYL-2-(4-PHENYLBUTADIENYL)PIPERIDINE see: TN7750000
3-(2-(HYDROXYMETHYL)PHENYL)-5-(3-METHOXYPHENYL)-s-TRIAZOLE see: DO9180000
3-(2-HYDROXY-4-METHYLPHENYL)-2-METHYL-4(3H)-QUINAZOLINONE see: VA3460000 4(3H)-QUINAZOLINONE, 3-(2-HYDROXY-p-TOLYL)-2-METHYL-
p-HYDROXY-alpha-(1-((1-METHYL-2-PHENOXYETHYL)AMINO)ETHYL)BENZYL ALCOHOL p-ACETATE see: DO8100000
p-HYDROXY-alpha-(1-((1-METHYL-2-PHENOXYETHYL)AMINO)ETHYL)BENZYL ALCOHOL p-ISOBUTYRATE see: DO8230000
p-HYDROXY-alpha-(1-((1-METHYL-2-PHENOXYETHYL)AMINO)ETHYL)BENZYL ALCOHOL PIVALATE see: DO8240000
p-HYDROXY-alpha-(1-((1-METHYL-2-PHENOXYETHYL)AMINO)ETHYL)BENZYL ALCOHOL p-PROPIONATE see: DO8250000
3-(4-HYDROXY-2-METHYLPHENYL)-2-METHYL-4(3H)-QUINAZOLINONE see: VA3470000 4(3H)-QUINAZOLINONE, 3-(4-HYDROXY-o-TOLYL)-2-METHYL-
1-(3-HYDROXY-3-METHYL-5-PHENYL-4-PENTYNYL)-1-METHYL-PIPERIDINIUM IODIDE see: TN5950090
5-(1-HYDROXY-2-((1-METHYL-3-PHENYLPROPYL)AMINO)ETHYL)SALICYLAMIDE HYDROCHLORIDE see: CV5376000
1-(HYDROXYMETHYL)-4-PHENYL-2-TETRAZOLINE-5-THIONE see: XF7850000
3-HYDROXY-3-METHYL-1-PHENYLTRIAZENE see: XY2780000
1-(HYDROXYMETHYL)-4-PHENYL-delta(sup 2)-1,2,4-TRIAZOLINE-5-THIONE see: XZ5468000
2-HYDROXYMETHYL-4-PHENYL-1,2,4-TRIAZOLINE-3-THIONE see: XZ5468000
3-HYDROXY-3-METHYL-5-PHENYL-N,N,N-TRIETHYL-4-PENTYN-1-AMINIUM IODIDE see: SC4685000
3'-HYDROXY-N-(1-METHYL-2-PIPERIDINOETHYL)PROPIONANILIDE see: UE5098200 PROPIONANILIDE, 3'-HYDROXY-N-(1-METHYL-2-PIPERIDINOETHYL)-
4'-HYDROXY-N-(1-METHYL-2-PIPERIDINOETHYL)PROPIONANILIDE see: UE5098300 PROPIONANILIDE, 4'-HYDROXY-N-(1-METHYL-2-PIPERIDINOETHYL)-
7-HYDROXY-4-METHYL-8-(PIPERIDINOMETHYL)COUMARIN HYDROCHLORIDE see: GN7545000
7-HYDROXY-4-METHYL-8-(PIPERIDINOMETHYL)COUMARIN NICOTINATE (salt) see: GN7547000
7-HYDROXY-4-METHYL-8-(PIPERIDINOMETHYL)COUMARIN PICOLINATE (salt) see: GN7548000
7-HYDROXY-4-METHYL-8-(PIPERIDINOMETHYL)-4-METHYLCOUMARIN ISONICOTINATE (salt) see: GN7546000
(+)-3-HYDROXY-1-METHYL-3-PIPERIDYL PHENYL KETONE BENZOATE (ester) **HYDROCHLORIDE** see: OB4359300
(+ -)-3-HYDROXY-1-METHYL-3-PIPERIDYL PHENYL KETONE BENZOATE (ester) **HYDROCHLORIDE** see: OB4359310
17-HYDROXY-6-METHYLPREGNA-4,6-DIENE-3,20-DIONE ACETATE see: TU4075000
16-alpha-HYDROXYMETHYL-delta(sup 5)-PREGNENE-3-beta,20-DIOL DIACETATE see: TU5480000
17-HYDROXY-6-METHYLPREGN-4-ENE-3,20-DIONE see: TU5240000
17-HYDROXY-6-METHYLPREGN-4-ENE-3,20-DIONE ACETATE see: TU5350000
17-HYDROXY-6-alpha-METHYLPREGN-4-ENE-3,20-DIONE ACETATE see: TU5010000
17-alpha-HYDROXY-6-alpha-METHYLPREGN-4-ENE-3,20-DIONE ACETATE see: TU5010000
3-beta-HYDROXY-16-beta-METHYLPREGN-5-EN-20-ONE see: TU5570020
17-alpha-HYDROXY-6-alpha-METHYLPROGESTERONE ACETATE see: TU5010000
1-HYDROXYMETHYLPROPANE see: NP9625000
N-(HYDROXYMETHYL)-2-PROPENAMIDE see: AS3600000
2-HYDROXY-2-METHYLPROPIONITRILE see: OD9275000
1-(HYDROXYMETHYL)PROPYLAMIDE of 1-METHYL-(+)-LYSERGIC ACID HYDROGEN MALEATE see: KE5400000
d-N,N'-(1-HYDROXYMETHYLPROPYL)ETHYLENEDINITROSAMINE see: EL3852000
1-HYDROXY-6-(1-METHYLPROPYL)-3-(2-METHYLPROPYL)-2(1H)-PYRAZINONE see: CI9625000
17-beta-HYDROXY-6-alpha-METHYL-17-(1-PROPYNYL)ANDROST-4-EN-3-ONE see: BV8510000
(6-alpha,17-beta)-17-HYDROXY-6-METHYL-17-(1-PROPYNYL)-ANDROST-4-EN-3-ONE see: BV8510000
12-HYDROXY-N-METHYLPSEUDOSTRYCHNINE see: ZB2500000
3-HYDROXY-2-METHYL-4H-PYRAN-4-ONE see: UQ1050000
4-HYDROXY-6-METHYL-2H-PYRAN-2-ONE see: UQ1000000
5-HYDROXY-6-METHYL-3,4-PYRIDINEDICARBINOL HYDROCHLORIDE see: UV1350000
5-HYDROXY-6-METHYL-3,4-PYRIDINEDIMETHANOL see: UV1300000
5-HYDROXY-6-METHYL-3,4-PYRIDINEDIMETHANOL HYDROCHLORIDE see: UV1350000
3-HYDROXY-1-METHYLPYRIDINIUM BROMIDE DIMETHYLCARBAMATE (ester) see: UU5270000
3-HYDROXY-1-METHYLPYRIDINIUM IODIDE see: UU5283700
4-HYDROXY-2-METHYL-N-(2-PYRIDYL)-2H-1,2-BENZOTHIAZIN-3-CABOXYAMID-1,1-DIOXID (German) see: DL0705000
4-HYDROXY-2-METHYL-N-(2-PYRIDYL)-2H-1,2-BENZOTHIAZINE-3-CARBOXAMIDE-1,1-DIOXIDE see: DL0705000
3-HYDROXY-2-METHYL-gamma-PYRONE see: UQ1050000
3-HYDROXY-2-METHYL-4-PYRONE see: UQ1050000
2-HYDROXYMETHYLQUINOXALINE 3-CARBOXAMIDE DI-N-OXIDE see: VD1583000
3-(HYDROXYMETHYL)-2-QUINOXALINECARBOXAMIDE 1,4-DIOXIDE see: VD1583000
2-HYDROXYMETHYLQUINOXALINE 3-CARBOXYLIC ACID DI-N-OXIDE see: VD1584000
3-(HYDROXYMETHYL)-2-QUINOXALINECARBOXYLIC ACID 1,4-DIOXIDE see: VD1584000
4-(HYDROXYMETHYL)-gamma-RESORCYLIC ACID see: VH3708900
14-HYDROXY-3-beta-((4-O-METHYL-alpha-L-RHAMNOPYRANOSYL)OXY)-14-beta-BUFA-4,20,22-TRIENLID see: EI3450000
4-HYDROXY-19-METHYL-16,19-SECOSTRYCHNIDINE-10,16-DIONE see: ZB2500000
gamma-HYDROXY-delta-METHYSULFONYL VALERIC ACID see YV7590000
4-HYDROXY-5-(METHYLSULFONYL)VALERIC ACID see: YV7590000
2-HYDROXYMETHYLTETRAHYDROPYRAN see: UQ0175000
2-HYDROXYMETHYLTETRAHYDROPYRAN, mixed 2,4- and 3,4-DIMETHYL isomers see: UQ0200000
4-HYDROXY-2-METHYL-N-2-THIAZOLYL-2H-1,2-BENZOTHIAZINE-3-CARBOXAMIDE 1,1-DIOXIDE see: DL0710500
5-HYDROXY-7-METHYL-s-TRIAZOLO(4,3-c)PYRIMIDINE see: XZ6135500
6-HYDROXY-6-METHYL-N,N,N-TRIETHYL-4-OCTYN-1-AMINIUM IODIDE see: RI2649000
(E,Z,E)-7-HYDROXYMETHYL-3,11,15-TRIMETHYL-2,6,10,14-HEXADECATETRAEN-1-OL see: MM0330000
3-alpha-HYDROXY-8-METHYL-1-alpha-H,5-alpha-H-TROPANIUM BROMIDE MANDELATE see: MS9000000
3-alpha-HYDROXY-8-METHYL-1-alpha-H,5-alpha-H-TROPANIUM BROMIDE 2-PROPYLVALERATE see: YM3710000
3-alpha-HYDROXY-8-METHYL-1-alpha-H,5-alpha-H-TROPANIUM BROMIDE (+ ,-)-TROPATE see: CK2800000
5-(HYDROXYMETHYL)URACIL see: YR0513000
HYDROXYMYCIN see: WK2315000
4-HYDROXYMYOPORONE see: RA6479000
7-HYDROXYMYOPORONE see: RA6479200
beta-HYDROXYMYRISTIC ACID see: XB8585000
3-HYDROXYMYRISTIC ACID see: XB8585000
N-HYDROXY-N-MYRISTOYL-2-AMINOFLUORENE see: MX9360000
alpha-HYDROXYNAPHTHALENE see: QL2800000
beta-HYDROXYNAPHTHALENE see: QL2975000
1-HYDROXYNAPHTHALENE see: QL2800000
2-HYDROXYNAPHTHALENE see: QL2975000
4-((4-HYDROXY-1-NAPHTHALENYL)AZO)BENZENESULFONIC ACID, MONOSODIUM SALT see: DB7085000
4-((4-HYDROXY-1-NAPHTHALENYL)AZO)BENZENESULPHONIC ACID, MONOSODIUM SALT see: DB7085000
2-HYDROXYNAPHTHOQUINONE see: QL8200000
2-HYDROXY-1,4-NAPHTHOQUINONE see: QL8200000
5-HYDROXY-1,4-NAPHTHOQUINONE see: QJ5775000
N-HYDROXY-1-NAPHTHYLAMINE see: NC4025000
N-HYDROXY-2-NAPHTHYLAMINE see: NC4200000
1-HYDROXY-2-NAPHTHYLAMINE see: QL3340000
2-HYDROXY-1-NAPHTHYLAMINE HYDROCHLORIDE see: QL3335000
p-((4-HYDROXY-1-NAPHTHYL)AZO)BENZENESULFONIC ACID, MONOSODIUM SALT see: DB7085000
p-((2-HYDROXY-1-NAPHTHYL)AZO)BENZENESULFONIC ACID SODIUM SALT see: DB7084000BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
p-((4-HYDROXY-1-NAPHTHYL)AZO)BENZENESULFONIC ACID, SODIUM SALT see: DB7085000
p-((4-HYDROXY-1-NAPHTHYL)AZO)BENZENESULPHONIC ACID, MONOSODIUM SALT see: DB7085000
p-((4-HYDROXY-1-NAPHTHYL)AZO)BENZENESULPHONIC ACID, SODIUM SALT see: DB7085000
N-HYDROXYNAPHTHYLIMIDE DIETHYL PHOSPHATE see: QK5775000
3-HYDROXY-4-(1-NAPHTHYLOXY)BUTYRAMIDOXIME HYDROCHLORIDE see: ES5222000
5-HYDROXYNIRIDAZOLE see: NJ0725000
1-HYDROXY-5-NITROACENAPHTHENE see: AB1068500
2-HYDROXY-5-NITROANILINE see: SJ6300000
4-HYDROXY-3-NITROANILINE see: SJ6303000
2-HYDROXYNITROBENZENE see: SM2100000
4-HYDROXYNITROBENZENE see: SM2275000
4-HYDROXY-3-NITROBENZENEARSONIC ACID see: CY5250000
3- and 1-HYDROXY-6-NITROBENZO(a)PYRENE (4:1) see: DJ8298000
HYDROXYNITRODIHYDROTHYMINE see: XP2102000
4-HYDROXY-5-NITRO-4,5-DIHYDROTHYMINE see: XP2102000
N-HYDROXY-5-NITRO-2-FURANCARBOXIMIDAMIDE see: LT8522100
4-HYDROXY-3-NITROPHENYLARSONIC ACID see: CY5250000
4-HYDROXY-3-(1-(4-NITROPHENYL)-3-OXOBUTYL)-2H-1-BENZOPYRAN-2-ONE see: GN4900000
2-HYDROXY-3-NITROPYRIDINE see: UU7718000
N-HYDROXY-N-NITROSO-BENZENAMINE, AMMONIUM SALT see: NC4725000
beta-HYDROXY-N-NITROSOHEXAMETHYLENEIMINE see: CM3598000
gamma-HYDROXY-N-NITROSOHEXAMETHYLENEIMINE see: CM3598010
3-HYDROXY-4-NITROSO-2,7-NAPHTHALENEDISULFONIC ACID DISODIUM SALT see: QJ6480000
trans-4-HYDROXY-1-NITROSO-L-PROLINE see: TW3670000
3-HYDROXYNITROSOPYRROLIDINE see: UY5709600
5-HYDROXY-1-(5-NITRO-2-THIAZOLYL)-2-IMIDAZOLIDINONE see: NJ0725000
2-HYDROXY-5-NITROTHIO-CARBANILIDE see: FE1070000
2-HYDROXY-NONACHLORODIPHENYL ETHER see: SM9460000
3-HYDROXY-NONACHLORODIPHENYL ETHER see: SM9461000
4-HYDROXY-NONACHLORODIPHENYL ETHER see: SM9462000
4-HYDROXYNONANOIC ACID, gamma-LACTONE see: LU3675000
4-HYDROXYNONENAL see: RA8510000
4-HYDROXY-2-NONENAL see: RA8510000
10-HYDROXY-18-NORESTRA-1,4-DIENE-3,17-DIONE ACETATE (ester) see: RC4552200
17-HYDROXY-19-NOR-17-alpha-PREGNA-4,20-DIEN-3-ONE see: RC8899550
17-HYDROXY-19-NOR-17-alpha-PREGNA-4,6-DIEN-20-YN-3-ONE ACETATE see: RC8916000
17-beta-HYDROXY-19-NOR-17-alpha-PREGNA-4,6-DIEN-20-YN-3-ONE ACETATE see: RC8916000
17-HYDROXY-19-NOR-17-alpha-PREGNA-4,9,11-TRIEN-20-YN-3-ONE see: RC8960080
17-HYDROXY-19-NORPREGN-4-EN-3-ONE see: RC8961200
17-HYDROXY-19-NOR-17-alpha-PREGN-4-EN-3-ONE see: RC8961200
17-beta-HYDROXY-19-NOR-17-alpha-PREGN-4-EN-3-ONE see: RC8961200
17-beta-HYDROXY-19-NOR-17-alpha-PREGN-5(10)-EN-3-ONE see: RC8961220
17-HYDROXY-19-NOR-17-alpha-PREGN-4-EN-3-ONE ACETATE see: RC8961420
17-beta-HYDROXY-19-NOR-17-alpha-PREGN-4-EN-3-ONE ACETATE see: RC8961420
(17-alpha)-17-HYDROXY-19-NORPREGN-4-EN-20-YN-3-ONE see: RC8975000
(17-alpha)-17-HYDROXY-19-NORPREGN-5(10)-EN-20-YN-3-ONE see: RC8980000
17-HYDROXY(17-alpha)-19-NORPREGN-5(10)-EN-20-YN-3-ONE see: RC8980000
17-HYDROXY-19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE see: RC8975000
17-HYDROXY-19-NOR-17-alpha-PREGN-5(10)-EN-20-YN-3-ONE see: RC8980000
17-HYDROXY-17-alpha-19-NORPREGN-4-EN-20-YN-3-ONE see: RC8975000
17-beta-HYDROXY-19-NORPREGN-4-EN-20-YN-3-ONE see: RC8975000
17-HYDROXY-19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE ACETATE see: RC8965000
17-beta-HYDROXY-17-alpha-19-NORPREGN-4-EN-20-YN-3-ONE ACETATE see: RC8982000
17-beta-HYDROXY-19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE ACETATE see: RC8965000
17-HYDROXY-19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE 3-METHOXIME see: RC9027500
17-HYDROXY-19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE O-(p-NITROPHENYL)OXIME see: RC9028000
12-HYDROXY-cis-9-OCTADECENOIC ACID see: VJ3150000
1-HYDROXYOCTANE see: RH6550000
5-HYDROXYOCTANOIC ACID LACTONE see: LU3562000
8-HYDROXY-2,4,6-OCTATRIYNAMIDE see: RH2100000
(E)-1-(3-HYDROXYOCTEN-1-YL)IMIDAZOLE NICOTINIC ESTER DIHYDROCHLORIDE see: QT1850000
16-alpha-HYDROXYOESTRADIOL see: KG8225000
3-HYDROXY-OESTRA-1,3,5(10)-TRIEN-17-ONE see: KG8575000
3-HYDROXY-1,3,5(10)-OESTRATRIEN-17-ONE see: KG8575000
3-HYDROXY-15-OXAESTRA-1,3,5(10)-TRIEN-17-ONE see: RO1030000
16-HYDROXY-11-OXAHEXADECANOIC ACID, omega-LACTONE see: JG7521500
16-HYDROXY-12 OXAHEXADECANOIC ACID, omega-LACTONE see: JG7521400
17-HYDROXY-3-OXOANDROST-4-ENE-17-alpha-CARBONITRILE ACETATE see: BV8087600
gamma-HYDROXY-beta-OXOBUTANE see: EL8790000
3-HYDROXY-12-OXO-CHOLAN-24-OIC ACID SODIUM SALT see: FZ2281100
12-HYDROXY-3-OXO-CHOLAN-24-OIC ACID SODIUM SALT see: FZ2281200
7-HYDROXY-6-OXO-1,3,6-CYCLOHEPTATRIENE-1-CARBOXYLIC ACID see: GU3825560 1,3,6-CYCLOHEPTATRIENE-1-CARBOXYLIC ACID, 7-HYDROXY-6-OXO-

---

1-HYDROXY-4-OXO-2,5-CYCLOHEXADIENE-1-SULFONIC ACID compd. with DIETHYLAMINE see: DB6145000
5-beta-HYDROXY-19-OXODIGITOXIGENIN see: FH5425000
3-(4-HYDROXYPHENYL)-2-PROPENOIC ACID see: GD9094000
4-HYDROXY-3-(3-OXO-1-FENYL-BUTYL) CUMARINE (Dutch) see: GN4550000
delta-HYDROXY-gamma-OXO-L-NORVALINE see: SA3676000
5-HYDROXY-4-OXO-NORVALINE see: SA3676000
3-beta-HYDROXY-11-OXOOLEAN-12-EN-30-OIC ACID HYDROGEN SUCCINATE, DISODIUM SALT see: RK0250000
4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-2H-1-BENZOPYRAN-2-ONE see: GN4550000
4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-CUMARIN (German) see: GN4550000
3-(3-HYDROXY-5-OXO-4-PHENYL-2(5H)-FURYLIDENE)-2(3H)-BENZOFURANONE see: DF7954000
3-beta-HYDROXY-20-OXO-17-alpha-PREGN-5-ENE-16-beta-CARBOXAMIDE ACETATE (ester) see: TU4570000
3-HYDROXY-2-OXOPURINE see: UP0800000
1-HYDROXY-5-OXO-5H-PYRIDO(3,2-a)PHENOXAZINE-3-CARBOXYLIC ACID SODIUM SALT see: UV1151200
6-(10-HYDROXY-6-OXO-trans-1-UNDECENYL)-beta-RESORCYLIC ACID-N-LACTONE see: DM2550000
4-HYDROXY-1-PALMITOLYPROLINE PALMITATE (ester) see: TW3673000
2'-HYDROXYPELARGIDENOLON 1522 see: LK8749000
3-HYDROXY-2-PENTANEDIOIC ACID, DIMETHYL ESTER, DIMETHYL PHOSPHATE see: LZ9450000
4-HYDROXYPENTANOIC ACID LACTONE see: LU3580000
5-HYDROXY-2-PENTANONE ACETATE see: SA9090000 2-PENTANONE, 5-HYDROXY-, ACETATE
4-HYDROXY-2-PENTENOIC ACID gamma-LACTONE see: LU5100000
4-HYDROXYPENT-3-ENOIC ACID LACTONE see: LU5075000
1-HYDROXY-3-n-PENTYL-CANNABIDIOL see: VH1619000
1-HYDROXY-3-n-PENTYL-delta(sup 8)-TETRAHYDROCANNABINOL see: HP8215000
N-HYDROXYPHENACETIN see: AK8380000
HYDROXYPHENAMATE see: EK2450000
alpha-HYDROXYPHENAZINE see: SG1647000
1-HYDROXYPHENAZINE see: SG1647000
N-HYDROXY-4'-PHENETHYLACETANILIDE see: AL1225000
beta-HYDROXYPHENETHYL CARBAMATE see: KI2625000
1-(beta-HYDROXYPHENETHYL)-1-METHYLHEXAHYDRO-1H-AZEPINIUM IODIDE p-CHLOROBENZOATE (ester) see: CM3422000
2-(6-(beta-HYDROXY-PHENETHYL)-1-METHYL-2-PIPERIDYL)ACETOPHENONE see: OJ8480000
1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE BENZOATE (ester) see: UY4550500
1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE m-BROMOBENZOATE (ester) see: UY4550530
1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE p-BROMOBENZOATE (ester) see: UY4550540
1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE p-BUTOXYBENZOATE (ester) see: UY4550550
1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE p-tert-BUTYLBENZOATE (ester) see: UY4550560
1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE p-CHLOROBENZOATE (ester) see: UY4550600
1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE o-ETHOXYBENZOATE (ester) see: UY4550650
1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE p-ETHOXYBENZOATE (ester) see: UY4550670
1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE m-NITROBENZOATE (ester) see: UY4550750
1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE 2-PHENOXYPROPIONATE (ester) see: UY4550800
1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE m-TOLUATE (ester) see: UY4550850
1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE p-TOLUATE (ester) see: UY4550860
(beta HYDROXYPHENETHYL)TRIETHYLAMMONIUM BROMIDE BENZOATE (ester) see: BR1574000
(p-HYDROXYPHENETHYL)TRIETHYLAMMONIUM IODIDE PHENOXYACETATE (ester) see: BR1574200
(beta-HYDROXYPHENETHYL)TRIETHYLAMMONIUM IODIDE 3,4,5-TRIMETHOXYBENZOATE (ester) see: BR1574400
(beta-HYDROXYPHENETHYL)TRIMETHYLAMMONIUM IODIDE BENZOATE (ester) see: BR1578010
N-HYDROXYPHENETIDINE see: NC3566500
N-HYDROXY-p-PHENETIDINE see: NC3566500
m-HYDROXYPHENOL see: VG9625000
o-HYDROXYPHENOL see: UX1050000
p-HYDROXYPHENOL see: MX3500000
2-HYDROXYPHENOL see: UX1050000
3-HYDROXYPHENOL see: VG9625000
5-HYDROXY-2-(10-PHENOTHIAZINYLMETHYL)-4H-PYRAN-4-ONE see: UQ1080000
1-HYDROXY-2-PHENOXYETHANE see: KM0350000
N-(4-HYDROXYPHENYL)ACETAMIDE see: AE4200000
2-HYDROXY-N-PHENYLACETAMIDE see: AC3851000
m-HYDROXYPHENYL ACETATE see: VH2750000
(p-HYDROXYPHENYL)ACETIC ACID see: AI2680000
(4-HYDROXYPHENYL)ACETIC ACID see: AI2680000
alpha-HYDROXY-alpha-PHENYLACETOPHENONE see: DI1590000
2-HYDROXY-2-PHENYLACETOPHENONE see: DI1590000
beta-(4-HYDROXYPHENYL)ACRYLIC ACID see: GD9094000
p-HYDROXYPHENYLACRYLIC ACID see: GD9094000
1-(m-HYDROXYPHENYL)-2-AMINOETHANOL see: DN7250000
1-(p-HYDROXYPHENYL)-2-AMINOETHANOL see: DN7350000
1-(3'-HYDROXYPHENYL)-2-AMINOETHANOL see: DN7250000
4-HYDROXYPHENYLARSENOUS ACID see: SJ7180000
para-HYDROXYPHENYLARSONIC ACID see: CY5075000
(4-HYDROXYPHENYL)ARSONIC ACID polymer with FORMALDEHYDE see: CH9495000
7-HYDROXY-8-(PHENYLAZO)-1,3-NAPHTHALENEDISULFONIC ACID, DISODIUM SALT see: QJ6500000
7-HYDROXY-8-(PHENYLAZO)-1,3-NAPHTHALENEDISULPHONIC ACID, DISODIUM SALT see: QJ6500000
6-((p-HYDROXYPHENYL)AZO)URACIL see: YR0520000
N-(o-HYDROXYPHENYL)BENZAMIDINE see: CV6264000
alpha-HYDROXY-alpha-PHENYLBENZENEACETIC ACID 2-(DIETHYLAMINO)ETHYL ESTER see: DD2480000
alpha-HYDROXY-alpha-PHENYLBENZENEACETIC ACID 2-(DIMETHYLAMINO)-1,1-DIMETHYLETHYL ESTER see: DD3155000
alpha-HYDROXY-alpha-PHENYLBENZENEACETIC ACID 2-(DIMETHYLAMINO)-2-METHYLPROPYL ESTER see: DD3155000
N-HYDROXYPHENYLBENZENESULFONAMIDE see: DB3850000
3-HYDROXYPHENYL BENZOATE see: VH2800000
p-HYDROXYPHENYL BENZYL ETHER see: SJ7700000
1-(p-HYDROXYPHENYL)-2-(4-BENZYLPIPERIDINO)PROPAN-1-OL ASCORBATE see: TM8525000 1-PIPERIDINEETHANOL, 4-BENZYL-alpha-(p-HYDROXYPHENYL)-beta-METHYL-, ASCORBATE (salt)
1-(p-HYDROXYPHENYL)-3-BUTANONE see: EL8925000
4-(p-HYDROXYPHENYL)-2-BUTANONE see: EL8925000
4-(4-HYDROXYPHENYL)-2-BUTANONE see: EL8925000
p-HYDROXYPHENYLBUTAZONE see: UQ8400000
1-(p-HYDROXYPHENYL)-2-BUTYLAMINOETHANOL see: DN9200000
2-HYDROXY-2-PHENYLBUTYL CARBAMATE see: EK2450000
2-(p-HYDROXYPHENYL)BUTYRIC ACID see: ET4734000
2-(2'-HYDROXYPHENYL)-4-o-CHLOROPHENYL-1,5-BENZODIAZEPINE see: SK5820200
3-HYDROXY-2-PHENYLCINCHONINIC ACID see: GD3900000
(4-HYDROXYPHENYL)(2-(DIETHYLAMINO)ETHYL)DIMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) see: BR1740000
(3-HYDROXYPHENYL)DIETHYLMETHYLAMMONIUM BROMIDE see: BR1750000
2-(p-HYDROXYPHENYL)-5,7-DIHYDROXYCHROMONE see: LK9276000
2-exo-HYDROXY-2-endo-PHENYL-3-exo-DIMETHYL-AMINOMETHYLNORBORNANE see: RB7565000
1-(4-HYDROXYPHENYL)-3,3-DIMETHYLTRIAZINE see: SL2355000
HYDROXY-(1,4-PHENYLENE)ARSINE OXIDE see: CF6880000
(HYDROXY-p-PHENYLENE)BIS(TRIMETHYLAMMONIUM IODIDE) METHYLCARBAMATE see: BR2149500
(4-HYDROXY-m-PHENYLENE)BIS(TRIMETHYLAMMONIUM IODIDE) METHYLCARBAMATE see: BR2159500
m-HYDROXYPHENYLETHANOLAMINE see: DN7250000
p-HYDROXYPHENYLETHANOLAMINE see: DN7350000
6-(1-HYDROXY-2-PHENYLETHYL)-2-BENZOXAZOLINONE see: DM5272400
2-HYDROXY-2-PHENYLETHYL CARBAMATE see: KI2625000
2-(6-(2-HYDROXY-2-PHENYLETHYL)-1-METHYL-2-PIPERIDINYL)-1-PHENYLETHANONE see: OJ8480000
1-(p-HYDROXYPHENYL)-2-(4-ETHYLPIPERIDINO)PROPAN-1-OL HYDROCHLORIDE see: TM8770000 1-PIPERIDINEETHANOL, 4-ETHYL-alpha-(p-HYDROXYPHENYL)-beta-METHYL-, HYDROCHLORIDE
4-HYDROXYPHENYL FENCIBUTIROL see: GU5850000
N-(p-HYDROXYPHENYL)-L-GLUTAMINE see: MA2275430
1-(3-HYDROXYPHENYL)-1-HYDROXY-2-AMINOETHANE see: DN7250000
1-(4-HYDROXYPHENYL)-1-HYDROXY-2-BUTYLAMINOETHANE see: DN9200000
2-(3-HYDROXYPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE see: SL5400000
N-(o-HYDROXYPHENYL)ISONICOTINAMIDINE see: NS0987000
beta-4-HYDROXYPHENYLISOPROPYLAMINE HYDROCHLORIDE see: SJ6660000
3-HYDROXY-alpha-(5-PHENYL-3-ISOXAZOLYL)-1-PIPERIDINEETHANOL see: TM8807000
4-HYDROXY-alpha-(5-PHENYL-3-ISOXAZOLYL)-1-PIPERIDINEETHANOL see: TM8807010
p-HYDROXYPHENYLLACTIC ACID see: OD5500000
o-HYDROXYPHENYLMERCURIC CHLORIDE see: OW0350000
HYDROXYPHENYLMERCURY see: OW4940000
10-(((1-(2-HYDROXY-4-(PHENYLMETHOXY)PHENYL)PROPYLIDENE)HYDRAZINO)ACETYL)-10H-PHENOTHIAZINE see: SP0625100
p-HYDROXYPHENYLMETHYLAMINOETHANOL see: DO7350000
l-1-(m-HYDROXYPHENYL)-2-METHYLAMINOETHANOL see: DO7175000
1-(4-HYDROXYPHENYL)-2-METHYLAMINOETHANOL see: DO7350000
l-1-(m-HYDROXYPHENYL)-2-METHYL-AMINOETHANOL HYDROCHLORIDE see: DO7525000
6-(HYDROXYPHENYLMETHYL)-2-BENZOXAZOLINONE see: DM5272500
alpha-(p-HYDROXYPHENYL)-alpha-(2-METHYLCYCLOHEXYLIDENE)-p-CRESOL DIACETATE see: GP1339000
N-(5-((2-HYDROXYPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE see: US4675150
N-(5-((3-HYDROXYPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE see: US4675160
l-(3-HYDROXYPHENYL)-N-METHYLETHANOLAMINE see: DO7175000
1-(4-HYDROXYPHENYL)-N-METHYLETHANOLAMINE see: DO7350000
1-(4-HYDROXYPHENYL)-2-(1-METHYL-2-PHENOXYETHYLAMINO)PROPANOL see: DO8050000
1-(p-HYDROXYPHENYL)-2-(1'-METHYL-2'-PHENOXY)ETHYLAMINOPROPANOL-1 HYDROCHLORIDE see: DO8225000
1-(p-HYDROXYPHENYL)-2-(1'-METHYL-2'-PHENOXYETHYLAMINO)PROPANOL-2-HYDROCHLORIDE see: DO8050000
1-(p-HYDROXYPHENYL)-2-(1'-METHYL-2'-PHENYLTHIOETHYLAMINO)-1-PROPANOL HYDROCHLORIDE see: DO8305000 BENZYL ALCOHOL, p-HYDROXY-alpha-(1-((1-METHYL-2-(PHENYLTHIO)ETHYL)AMINO)ETHYL)-, HYDROCHLORIDE
1-(p-HYDROXYPHENYL)-2-(4-METHYLPIPERIDINO)PROPAN-1-OL TARTRATE see: TM8589500
(+-)-4-(2-((3-(4-HYDROXYPHENYL)-1-METHYLPROPYL)AMINO)ETHYL)-1,2-BENZENEDIOL HYDROCHLORIDE see: CZ9001000
4-(2-((3-(p-HYDROXYPHENYL)-1-METHYLPROPYL)AMINO)ETHYL)PYROCATECHOL HYDROCHLORIDE see: CZ9001000
7-N-(p-HYDROXYPHENYL)-MITOMYCIN C see CN1053000
7-N-(p-HYDROXYPHENYL)MITOMYCIN C see: CN1054000
N-(o-HYDROXYPHENYL)-1-NAPHTHAMIDINE see: QK7250000
2-(o-HYDROXYPHENYL)-1,3,4-OXADIAZOLE see: SM5850000
4-(2-HYDROXYPHENYL)-4-OXO-2-BUTENOIC ACID see: AT4720000 ACRYLIC ACID, 3-SALICYLOYL-
4-(2-HYDROXYPHENYL)-4-OXO-BUTEN-2-SAEURE (German) see: AT4720000 ACRYLIC ACID, 3-SALICYLOYL
1-HYDROXY-1-PHENYLPENTANE see: DN8780000
3-alpha-HYDROXY-8-(p-PHENYLPHENACYL)-1-alpha-H,5-alpha-H-TROPANIUM BROMIDE (-)-TROPATE see: YM3770000
1-(p-HYDROXYPHENYL)-2-PHENYL-4-BUTYL-3,5-PYRAZOLIDINEDIONE see: UQ8400000
1-p-HYDROXYPHENYL-2-PHENYL-3,5-DIOXO-4-N-BUTYLPYRAZOLIDINE see: UQ8400000
1-(p-HYDROXYPHENYL)-2-(3'-PHENYLTHIOPROPYLAMINO)-1-PROPANOL HYDROCHLORIDE see: DO8307000BENZYL ALCOHOL, p-HYDROXY-alpha-(1-((3-(PHENYLTHIO)PROPYL)AMINO)ETHYL)-, HYDROCHLORIDE
(m-HYDROXYPHENYL)PHOSPHONIC ACID see: SZ8566100
(p-HYDROXYPHENYL)PHOSPHONIC ACID see: SZ8566300
4-HYDROXYPHENYLPHOSPHONIC ACID see: SZ8566300
1-(4-(2-HYDROXY-3-(4-PHENYL-1-PIPERAZINYL)PROPOXY)PHENYL)-1-PROPANONE see: UC2984000
4'-(2-HYDROXY-3-(4-PHENYLPIPERAZIN-1-YL)PROPOXY)PROPIOPHENONE see: UC2984000
1-((4-HYDROXY-4-PHENYLPIPERIDINO)ACETYL)-3-(m-METHOXYPHENYL)UREA see: YT5120000
1-((4-HYDROXY-4-PHENYLPIPERIDINO)ACETYL)-3-(o-TOLYL)UREA see: YT5140000
7-HYDROXY-4-PHENYL-8-(PIPERIDINOMETHYL)COUMARIN ISONICOTINATE (salt) see: GN7596000
1-(4-HYDROXYPHENYL)-1-PROPANONE see: UH1925000
p-HYDROXYPHENYL-1-PROPANONE see: UH1925000
beta-(m-HYDROXYPHENYL)PROPIONIC ACID see: MW5340000
beta-(3-HYDROXYPHENYL)PROPIONIC ACID see: MW5340000
m-HYDROXYPHENYLPROPIONIC ACID see: MW5340000
3-HYDROXYPHENYLPROPIONIC ACID see: MW5340000
3-(m-HYDROXYPHENYL)PROPIONIC ACID see: MW5340000
3-(3-HYDROXYPHENYL)PROPIONIC ACID see: MW5340000
beta-(o-HYDROXYPHENYL)PROPIONYL PYRROLIDIDE see: UY1302000 PYRROLIDINE, 1-(o-HYDROXYHYDROCINNAMOYL)-
beta-m-HYDROXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE see: GO6829000
beta-o-HYDROXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE see: GO6829100
beta-p-HYDROXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE see: GO6829200
3-((1-HYDROXY-1-PHENYL-2-PROPYL)METHYLAMINO)PROPIONITRILE see: UG2950000
p-HYDROXYPHENYLPYRUVIC ACID see: UZ1000000
3-HYDROXY-2-PHENYL-4-QUINOLINECARBOXYLIC ACID see: GD3900000
2-HYDROXY-5-((PHENYLSULFONYL)OXY)BENZENESULFONIC ACID compd. with PIPERZINE (1:1) see: DB7090000

p-HYDROXY-alpha-(1-((2-(PHENYLTHIO)ETHYL)THIO)ETHYL)BENZYL ALCOHOL see: DO8306000 BENZYLALCOHOL, p-HYDROXY-alpha-(1-((2-(PHENYLTHIO)ETHYL)AMINO)ETHYL)-
p-HYDROXY-alpha-(1-((3-(PHENYLTHIO)PROPYL)AMINO)ETHYL)BENZYL ALCOHOL HYDROCHLORIDE see: DO8307000 BENZYL ALCOHOL, p-HYDROXY-alpha-(1-((3-(PHENYLTHIO)PROPYL)AMINO)ETHYL)-, HYDROCHLORIDE
7-HYDROXY-4-(PHENYLTHIO)-8-(PIPERIDINOMETHYL)COUMARIN NICOTINATE (salt) see: GN7604000
6-HYDROXY-6-PHENYL-N,N,N-TRIETHYL-4-HEXYN-1-AMINIUM IODIDE see: MQ9681000
(m-HYDROXYPHENYL)TRIMETHYLAMMONIUM BROMIDE DIMETHYLCARBAMATE see: BR3150000
3-HYDROXYPHENYLTRIMETHYLAMMONIUM BROMIDE DIMETHYLCARBAMIC ESTER see: BR3150000
(m-HYDROXYPHENYL)TRIMETHYLAMMONIUM DIIODIDE OCTAMETHYLENEDICARBAMATE see: BR3260000
(m-HYDROXYPHENYL)TRIMETHYLAMMONIUM DIMETHYLCARBAMATE (ester) see: BR3300000
(m-HYDROXYPHENYL)TRIMETHYLAMMONIUM IODIDE see: BR3500000
(m-HYDROXYPHENYL)TRIMETHYLAMMONIUM IODIDE ester with (p-METHOXYBENZYL)CARBAMIC ACID see: BR4080000
(m-HYDROXYPHENYL)TRIMETHYLAMMONIUM METHYL SULFATE DIMETHYLCARBAMATE see: CY1225000
(3-HYDROXYPHENYL)TRIMETHYLAMMONIUM METHYL SULFATE DIMETHYLCARBAMIC ESTER see: CY1225000
2-HYDROXY-3-PINANONE see: TK4586000
3-HYDROXYPINOCAMPHONE see: TK4586000
3-(1-HYDROXY-2-PIPERIDINOETHYL)-5-PHENYL-ISOXAZOLE CITRATE see: TM9849900
3-(1-HYDROXY-2-PIPERIDINOETHYL)-5-PHENYLISOXAZOLE CITRATE see: TM9850000
3-(1-HYDROXY-2-PIPERIDINOETHYL)-5-PHENYLISOXAZOLE CITRATE (2:1) see: TM9850100
7-HYDROXY-8-(PIPERIDINOMETHYL)-4-PROPYLCOUMARIN NICOTINATE (salt) see: GN7610000
10-(3-(4-HYDROXYPIPERIDINO)PROPYL)PHENOTHIAZIN-2-YL METHYL KETONE see: OB4501000
10-(3-(4-HYDROXYPIPERIDINO)PROPYL)PHENOXAZIN-2-YL METHYL KETONE see: OB4501500
4-(4-HYDROXY-1-PIPERIDINYL)-3-((4-HYDROXY-1-PIPERIDINYL)METHYL)-2-BUTANONE see: EL8954000
3-(3-(3-HYDROXY-2-PIPERIDINYL)-2-OXOPROPYL)-4(3H)-QUINAZOLINONE see: VA3450000
3-(3-(3-HYDROXY-2-PIPERIDYL)ACETONYL)-4-(3H)-QUINAZOLINONE see: VA3450000
5-HYDROXY-3-(4-PIPERIDYLMETHYL)INDOLE see: NL8850000
HYDROXYPOLYETHOXYDODECANE see: MD0875000
16-alpha-HYDROXYPREDNISOLE-16,17-ACETONIDE see: TU2800000
17-HYDROXYPREGNA-1,4-DIENE-3,20-DIONE see: TU4066000
17-HYDROXYPREGNA-4,6-DIENE-3,20-DIONE ACETATE see: TU4067000
17-HYDROXYPREGNA-4,6-DIENE-3,20-DIONE ACETATE (ester) see: TU4067000
3-HYDROXYPREGNANE-11,20-DIONE see: TU4157190
3-alpha-HYDROXY-5-alpha-PREGNANE-11,20-DIONE see: TU4157190
21-HYDROXYPREGNANE-3,20-DIONE SODIUM HEMISUCCINATE see: TU4157250
21-HYDROXY-5-beta-PREGNANE-3,20-DIONE, SODIUM SALT, HEMISUCCINATE see: TU4157250
3-beta-HYDROXY-5-alpha-PREGNAN-20-ONE 20-ISONICOTINYLHYDRAZONE see: TU4384200
3-beta-HYDROXY-5-alpha-PREGNAN-20-ONE, 20-NICOTINYLHYDRAZONE see: TU4386000
17-HYDROXYPREGN-4-ENE-3,20-DIONE see: TU5060000
17-alpha-HYDROXY-5-alpha-PREGN-1-ENE-3,20-DIONE see: TU5073000
21-HYDROXYPREGN-4-ENE-3,20-DIONE see: HG0350000
4-HYDROXYPREGN-4-ENE-3,20-DIONE see: TU5055000
6-beta-HYDROXYPREGN-4-ENE-3,20-DIONE see: TU5056000
3-beta-HYDROXYPREGN-5-ENE-7,20-DIONE see: TU5072000
11-beta-HYDROXYPREGN-4-ENE-3,20-DIONE see: TU5058000
21-HYDROXYPREGN-4-ENE-3,20-DIONE 21-ACETATE see: HG0525000
17-HYDROXYPREGN-4-ENE-3,20-DIONE ACETATE see: TU5074000
21-HYDROXYPREGN-4-ENE-3,20-DIONE ACETATE (ester) see: TU5076000
17-HYDROXYPREGN-4-ENE-3,20-DIONE HEXANOATE see: TU5085000
17-HYDROXYPREGNENOLONE see: TU5548000
17-alpha-HYDROXYPREGNENOLONE see: TU5548000
3-beta-HYDROXYPREGN-5-EN-20-ONE see: TU5561000
20-beta-HYDROXYPREGN-4-EN-3-ONE see: TU5560000
17-HYDROXY-17-alpha-PREGN-4-EN-20-YN-3-ONE see: TU5570250
17-HYDROXY-17-alpha-PREGN-20-YN-3-ONE O-(p-NITROPHENYL)OXIME see: TU5570400
4-HYDROXYPROGESTERONE see: TU5055000
6-beta-HYDROXYPROGESTERONE see: TU5056000
11-beta-HYDROXYPROGESTERONE see: TU5058000
17-HYDROXYPROGESTERONE see: TU5060000
17-alpha-HYDROXYPROGESTERONE see: TU5060000
20-beta-HYDROXYPROGESTERONE see: TU5560000
20(S)-HYDROXYPROGESTERONE see: TU5559900
20-alpha-HYDROXYPROGESTERONE see: TU5559900
21-HYDROXYPROGESTERONE see: HG0350000
17-HYDROXYPROGESTERONE ACETATE see: TU5074000
HYDROXYPROGESTERONE CAPROATE see: TU5085000
17-alpha-HYDROXYPROGESTERONE CAPROATE see: TU5085000
17-alpha-HYDROXY PROGESTERONE n-CAPROATE see: TU5085000
HYDROXYPROGESTERONE CAPROATE and ETHINYLTESTOSTERONE see: TU5570265
17-alpha-HYDROXYPROGESTERONE HEXANOATE see: TU5085000
HYDROXYPROGESTERONE HEXANOATE and DYDROGESTERONE see: TU4143000
1-HYDROXYPROPANE see: UH8225000
3-HYDROXYPROPANENITRILE see: MU5250000
3-HYDROXY-1-PROPANESULFONIC ACID gamma-SULTONE see: RP5425000 1,2-OXATHIOLANE 2,2-DIOXIDE
3-HYDROXY-1-PROPANESULPHONIC ACID SULFONE see: RP5425000
3-HYDROXY-1-PROPANESULPHONIC ACID SULTONE see: RP5425000
2-HYDROXY-1,2,3-PROPANETRICARBOXYLIC ACID, COPPER SALT (1:2) see: GL7056000
2-HYDROXY-1,2,3-PROPANETRICARBOXYLIC ACID ZIRCONIUM SALT see: TZ8625000
2-HYDROXYPROPANOIC ACID see: OD2800000
2-HYDROXYPROPANOIC ACID STRONTIUM SALT see: OD5950000
3-HYDROXYPROPENE see: BA5075000
alpha-HYDROXYPROPIONIC ACID see: OD2800000
2-HYDROXYPROPIONIC ACID see: OD2800000
3-HYDROXYPROPIONIC ACID LACTONE see: RQ7350000
beta-HYDROXYPROPIONITRILE see: MU5250000
3-HYDROXYPROPIONITRILE see: MU5250000
N-HYDROXY-N-2-PROPIONYLAMINO FLUORENE see: UG5340000
L-5alpha-HYDROXYPROPIONYLAMINO-2,4,6-TRIIODOISOPHTHALIC ACID DI(1,3-DIHYDROXY-2-PROPYLAMIDE) see: CZ2235000
HYDROXYPROPIOPHENONE see: UH1925000
p-HYDROXYPROPIOPHENONE see: UH1925000
4-HYDROXYPROPIOPHENONE see: UH1925000
4'-HYDROXYPROPIOPHENONE, ESTER with SODIUM SULFATE see: UH2835000
beta-HYDROXYPROPYL ACRYLATE see: AT1925000
2-HYDROXYPROPYL ACRYLATE see: AT1925000
2-HYDROXYPROPYLAMINE see: UA5775000
8-((2-HYDROXYPROPYL)AMINO)CAFFEINE see: EV6569000 CAFFEINE, 8-((2-HYDROXYPROPYL)AMINO)-
8-((3-HYDROXYPROPYL)AMINO)CAFFEINE see: EV6569500 CAFFEINE, 8-((3-HYDROXYPROPYL)AMINO)-
p-HYDROXY-alpha-(PROPYLAMINOMETHYL)BENZYL ALCOHOL see: DO8313000
17-alpha-HYDROXY-17-beta-(2-(PROPYLAMINO)-4-THIAZOLYL)ANDROST-4-EN-3-ONE see: BV8515700
alpha-HYDROXYPROPYLBENZENE see: DO5470000
(3-HYDROXYPROPYL)BENZENE see: UB8970000
p-HYDROXYPROPYL BENZOATE see: DH2800000
6-(1-HYDROXYPROPYL)-2-BENZOXAZOLINONE see: DM5272600
4'-((4-(N-(2-HYDROXYPROPYL)CARBAMOYL)-9-ACRIDINYL)AMINO)-3'-METHOXYMETHANESULFONANILIDE see: PB0905990

NF9050000 HYDROXYPROPYL CELLULOSE
UPDT:8403 CAS: 9004-64-2
SYN: HYDROXYPROPYL ETHER of CELLULOSE * KLUCEL

TOXICITY DATA AND REFERENCES:
orl-rat LD50:10200 mg/kg FAONAU 46A,131,69

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HYDROXYPROPYLCELLULOSE of LOW SUBSTITUTION see: OI2237000
1-(2-HYDROXYPROPYL)-3,7-DIMETHYLXANTHINE see: XH2387000
17-HYDROXY-13-PROPYL-18,19-DINOR-17-alpha-PREGN-4-EN-20-YN-3-ONE see: JF8330000
17-beta-HYDROXY-17-PROPYLESTR-4-EN-3-ONE see: KG8033000
17-beta-HYDROXY-17-PROPYLESTR-5(10)-EN-3-ONE see: KG8033100
17-beta-HYDROXY-17-alpha-PROPYLESTR-4-EN-3-ONE see: KG8033000
17-beta-HYDROXY-17-alpha-PROPYLESTR-5(10)-EN-3-ONE see: KG8033100
HYDROXYPROPYL ETHER of CELLULOSE see: NF9050000
(3-HYDROXYPROPYL)GUANIDINE p-AMINOBENZOATE (ester) HYDROCHLORIDE see: MF3620550
(3-HYDROXYPROPYL)GUANIDINE BENZOATE (ester) HYDROCHLORIDE see: MF3620600
(3-HYDROXYPROPYL)GUANIDINE p-NITROBENZOATE (ester) HYDROCHLORIDE see: MF3620650
2-HYDROXYPROPYL METHANETHIOSULFONATE see: PB2760000
1-((2-HYDROXYPROPYL)-NITROSOAMINO)ACETONE see: AL5890000
3-((2-HYDROXYPROPYL)NITROSAMINO)-1,2-PROPANEDIOL see: TY7766480 1,2-PROPANEDIOL, 3-((2-HYDROXYPROPYL)NITROSAMINO)-
1-(2-HYDROXYPROPYL)-1-NITROSOUREA see: YT5270000
1-(3-HYDROXYPROPYL)-1-NITROSOUREA see: YT5280000
2-HYDROXYPROPYL PHENYL ARSINIC ACID see: CH7900000
(+-)-3-HYDROXY-1-PROPYL-3-PIPERIDYL PHENYL KETONE BENZOATE (ester) HYDROCHLORIDE see: OB4502500
N-(3-HYDROXYPROPYL)-1,2-PROPANEDIAMINE see: TX8050000
5-(2-HYDROXYPROPYL)-5-(2-PROPENYL)-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE see: CP8575000
beta-HYDROXYPROPYLPROPYLNITROSAMINE see: UI3150000
(2-HYDROXYPROPYL)PROPYLNITROSOAMINE see: UI3150000
p-HYDROXYSALICYLIC ACID see: VH3708050
4-HYDROXYSALICYLIC ACID see: VH3708050
l-(beta-HYDROXYPROPYL)THEOBROMINE see: XH2387000
1-(2-HYDROXYPROPYL)THEOBROMINE see: XH2387000
HYDROXYPROPYLTHEOPHYLLINE see: XH5907500
beta-HYDROXYPROPYLTHEOPHYLLINE see: XH5907500
7-(beta-HYDROXYPROPYL)THEOPHYLLINE see: XH5907500
7-(2-HYDROXYPROPYL))THEOPHYLLINE see: XH5907500
(2-HYDROXYPROPYL)TRIETHYLAMMONIUM IODIDE, PHTHALATE (2:1) see: BR5190000
(2-HYDROXYPROPYL)TRIMETHYLAMMONIUM IODIDE, PHTHALATE (2:1) see: BR5778030
(2-HYDROXYPROPYL)TRIMETHYLAMMONIUM METHYLPHOSPHONOFLUORIDATE see: BR5778100
17-beta-HYDROXY-17-(1-PROPYNYL)ESTR-4-EN-3-ONE see: KG8035000
17-beta-HYDROXY-17-alpha-(1-PROPYNYL)ESTR-4-EN-3-ONE see: KG8035000
3-HYDROXYPURIN-2(3H)-ONE see: UP0800000
4'-HYDROXYPYRAZOLOL(3,4-d)PYRIMIDINE see: UR0785000
4-HYDROXYPYRAZOLOPYRIMIDINE see: UR0785000
4-HYDROXY-3,4-PYRAZOLOPYRIMIDINE see: UR0785000
4-HYDROXYPYRAZOLO(3,4-d)PYRIMIDINE see: UR0785000
4-HYDROXY-1H-PYRAZOLO(3,4-d)PYRIMIDINE see: UR0785000
4-HYDROXYPYRAZOLYL(3,4-d)PYRIMIDINE see: UR0785000
6-HYDROXY-3(2H)-PYRIDAZINONE see: UR5950000
6-HYDROXY-3-(2H)-PYRIDAZINONE DIETHANOLAMINE see: UR6000000
2-HYDROXYPYRIDINE see: UV1144050
N-HYDROXY-3-PYRIDINECARBOXAMIDE see: US4675000
N-HYDROXY-4-PYRIDINECARBOXIMIDOTHIOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER, DIHYDROCHLORIDE see: US4678000
N-HYDROXY-4-PYRIDINECARBOXIMIDOTHIOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE see: US4679000
3-HYDROXYPYRIDINE METHIODIDE see: UU5283700
4-HYDROXY-3-(2-(PYRIDYL)-4-THIAZOLYL)-1H-PYRROLE-2,5-DIONE see: UX9626500
4-HYDROXYPYRIMIDINE see: UW7350100
6-HYDROXYPYRIMIDINE see: UW7350100
4-HYDROXY-2(1H)-PYRIMIDINETHIONE see: YR1575000
6-HYDROXY-4(1H)-PYRIMIDINONE see: UW7523000
8-HYDROXYQUINALDIC ACID see: UZ9450000
8-HYDROXYQUINOLINE see: VC4200000
8-HYDROXYQUINOLINE BENZOATE see: VC4440000
N-HYDROXY-2-QUINOLINECARBOXAMIDE see: VB1172000 2-QUINOLINECARBOXAMIDE, N-HYDROXY-
N-HYDROXY-4-QUINOLINECARBOXAMIDE see: VB1172100 4-QUINOLINECARBOXAMIDE, N-HYDROXY-
N-HYDROXY-5-QUINOLINECARBOXAMIDE see: VB1172200 5-QUINOLINECARBOXAMIDE, N-HYDROXY-
N-HYDROXY-6-QUINOLINECARBOXAMIDE see: VB1172300 6-QUINOLINECARBOXAMIDE, N-HYDROXY-
N-HYDROXY-8-QUINOLINECARBOXAMIDE see: VB1172400 8-QUINOLINECARBOXAMIDE, N-HYDROXY-
8-HYDROXYQUINOLINE COPPER COMPLEX see: VC5250000
8-HYDROXYQUINOLINE-beta-D-GLUCOPYRANOSIDE see: LZ6320000
8-HYDROXY-QUINOLINE-beta-D-GLYCOPYRANOSIDE see: LZ6320000
8-HYDROXYQUINOLINE OXALATE see: VC8238400
8-HYDROXYQUINOLINE SALICYLATE see: VC8257000
8-HYDROXYQUINOLINE SUCCINATE see: VC8258000
8-HYDROXYQUINOLINE SULFATE see: VC8260000
(+-)-3-HYDROXYQUINUCLIDINE BENZILATE see: DD4639000
5-HYDROXYRESORCINOL see: SY1050000
4-(1-HYDROXY-2-((RHAMNOSYLGLUCOSYL)OXY)ETHYL)PYROCATECHOL see: UX1855000
14-HYDROXY-3-beta-(RHAMNOSYLOXY)BUFA-4,20,22-TRIENOLIDE see: UK6650000
5-HYDROXY-1-beta-D-RIBOFURANOSYL-1H-IMIDAZOLE-4-CARBOXAMIDE see: NI3980000
4-HYDROXY-1-beta-D-RIBOFURANOSYL-2(1H)-PYRIDONE see: UV1148000
1'-HYDROXYSAFROLE see: DF4920000
1'-HYDROXYSAFROLE-2',3'-OXIDE see: DF4919500
5-HYDROXYSALICYLATE SODIUM see: LY3860000
5-HYDROXYSALICYLIC ACID see: LY3850000
14-beta-HYDROXY-3-beta-SCILLOBIOSIDOBUFA-4,20,22-TRIENOLIDE see: EI3325000
12-HYDROXYSENECIONAN-11,16-DIONE see: VT5710000
12-HYDROXYSENECIONAN-11,16-DIONE HYDROCHLORIDE see: VT5711000
HYDROXYSENKIRKINE see: VT5970000
(27R)-27-HYDROXYSEPTAMYCIN see: VT6307000
3-HYDROXYSPIRO(8-AZONIABICYCLO(3.2.1)OCTANE-8,1'-PYRROLIDINIUM CHLORIDE BENZILATE see: WG9655000
12-HYDROXYSTEARIC ACID see: WI3850000

12-HYDROXYSTEARIC ACID, METHYL ESTER see: WI4200000
3-beta-HYDROXYSTIGMAST-5-EN-7-ONE BENZOATE see: WJ2610000
HYDROXYSTREPTOMYCIN see: WK2250000
HYDROXYSTREPTOMYCIN see: WK2260000
HYDROXYSTREPTOMYCIN TRIHYDROCHLORIDE see: WK2265000
16-HYDROXYSTREPTOVARICINOIC ACID 20,17-LACTONE see: WK5884000
16-HYDROXY-STRYCHNINE see: UL7450000
p-HYDROXYSTYRENE see: SN3800000
4-HYDROXYSTYRENE see: SN3800000
3-HYDROXY-4-((4-SULFO-1-NAPHTHALENYL)AZO)-2,7-NAPHTHLENEDISULFONIC ACID, TRISODIUM SALT see: QJ6550000
4-HYDROXY-3-((4-SULFO-1-NAPHTHALENYL)AZO)-1-NAPHTHALENESULFONIC ACID, DISODIUM SALT see: QK1925000
3-HYDROXY-4-((4-SULFO-1-NAPHTHYL)AZO)-2,7-NAPHTHALENEDISULFONIC ACID, TRISODIUM SALT see: QJ6550000
6-HYDROXY-5-((p-SULFOPHENYL)AZO)-2-NAPHTHALENESULFONIC ACID, DISODIUM SALT see: QK2450000
6-HYDROXY-5-((4-SULFOPHENYL)AZO)-2-NAPHTHALENESULFONIC ACID, DISODIUM SALT see: QK2450000
1-HYDROXY-2-(3-SULFOPROPOXY)-9,10-ANTHRAQUINONE see: CB7650000
4-HYDROXY-3-((5-SULFO-2,4-XYLYL)AZO)-1-NAPHTHALENESULFONIC ACID, DISODIUM SALT see: QK2705000
3-HYDROXY-4-((4-SULPHO-1-NAPHTHALENYL)AZO)-2,7-NAPHTHALENEDISULPHONIC ACID, TRISODIUM SALT see: QJ6550000
4-HYDROXY-3-((4-SULPHO-1-NAPHTHALENYL)AZO)-1-NAPHTHALENESULPHONIC ACID, DISODIUM SALT see: QK1925000
3-HYDROXY-4-((4-SULPHO-1-NAPHTHYL)AZO)-2,7-NAPHTHALENEDISULPHONIC ACID, TRISODIUM SALT see: QJ6550000
6-HYDROXY-5-((p-SULPHOPHENYL)AZO)-2-NAPHTHALENESULPHONIC ACID, DISODIUM SALT see: QK2450000
6-HYDROXY-5-((4-SULPHOPHENYL)AZO)-2-NAPHTHALENESULPHONIC ACID, DISODIUM SALT see: QK2450000
4-HYDROXY-3-((5-SULPHO-2,4-XYLYL)AZO)-1-NAPHTHALENESULPHONIC ACID, DISODIUM SALT see: QK2705000
HYDROXYTAMOXIFEN see: SL1210000
4-HYDROXYTAMOXIFEN see: SL1210000
5-HYDROXY-2,4,3',4'-TCB see: DV7800000
5-HYDROXYTETRACYCLINE see: QI7875000
5-HYDROXYTETRACYCLINE HYDROCHLORIDE see: QI8225000
beta-HYDROXYTETRADECANOIC ACID see: XB8585000
3-HYDROXYTETRADECANOIC ACID see: XB8585000
N-HYDROXY-N-TETRADECANOYL-2-AMINOFLUORENE see: MX9360000
11-HYDROXY-delta(sup 9)-TETRAHYDROCANNABINOL see: HP6900000
4-HYDROXY-3-(1,2,3,4-TETRAHYDRO-1-NAFTYL)-CUMARINE (Dutch) see: GN7630000
4-HYDROXY-3-(1,2,3,4-TETRAHYDRO-1-NAPHTHYL)-CUMARIN see: GN7630000
dl-2-(3-HYDROXY-3,7,11,15-TETRAMETHYLHEXADECYL)-3,5,6-TRIMETHYL-p-BENZOQUINONE see: DK5171000
14-HYDROXY-6-beta-THEBAINOL 4-METHYL ETHER see: QC8900000
7-HYDROXYTHEOPHYLLIN (German) see: XH5775000
7-HYDROXYTHEOPHYLLINE see: XH5775000
HYDROXY(2-THIAZOLYL)STIBINE OXIDE SODIUM SALT see: WJ0895000
3-HYDROXYTHIOCARBANILIDE see: FE1100000
4-HYDROXYTHIO-CARBANILIDE see: FE1120000
alpha-HYDROXYTOLUENE see: DN3150000
m-HYDROXYTOLUENE see: GO6125000
o-HYDROXYTOLUENE see: GO6300000
p-HYDROXYTOLUENE see: GO6475000
2-HYDROXYTOLUENE see: GO6300000
3-HYDROXYTOLUENE see: GO6125000
4-HYDROXYTOLUENE see: GO6475000
HYDROXYTOLUOLE (German) see: GO5950000
4'-((6-HYDROXY-m-TOLYL)AZO)ACETANILIDE see: AC3662000
(4-HYDROXY-m-TOLYL)DIETHYLMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) see: BR5849900
2-HYDROXY-3-o-TOLYLOXYPROPYL 1-CARBAMATE see: FB2710000
(5-HYDROXY-m-TOLYL)TRIMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) see: BR6315000
(5-HYDROXY-o-TOLYL)TRIMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) see: BR6315010
(6-HYDROXY-m-TOLYL)TRIMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) see: BR6317000
4-HYDROXY-3H-o-TRIAZOLO(4,5-d)PYRIMIDINE-5,7(4H-6H)-DIONE see: XZ5960000
HYDROXYTRIBUTYLSTANNANE 4,4-DIMETHYLOCTANOATE see: WH8588000
1-HYDROXY-2,2,2-TRICHLORO-ETHYLE PHOSPHONATE DE DIMETHYLE (French) see: TA0700000
1-HYDROXY-2,2,2-TRICHLOROETHYLPHOSPHONIC ACID DIMETHYL ESTER see: TA0700000
2-HYDROXYTRIETHYLAMINE see: KK5075000
6-HYDROXY-N,N,N-TRIETHYL-4-HEXYN-1-AMINIUM IODIDE see: MQ9682000
3-HYDROXY-2,4,6-TRIIODOCINNAMIC ACID see: GD9530000
2-(3-HYDROXY-2,4,6-TRIIODOPHENOXY)BUTYRIC ACID see: ET4809000
4-(3-HYDROXY-2,4,6-TRIIODOPHENOXY)BUTYRIC ACID see: ET4809050
3'-HYDROXY-2',4',6'-TRIIODO-N-PROPYLSUCCINANILIC ACID see: WM4650000
3'-HYDROXY-2',4',6'-TRIIODOSUCCINALIC ACID SODIUM SALT see: WM4670000
3'-HYDROXY-2',4',6'-TRIIODOSUCCINANILIC ACID see: WM4600000
8-HYDROXY-6,10,11-TRIMETHOXY-3a,12c-DIHYDRO-7H-FURO(3',2':4,5)FURO(2,3-c)XANTHEN-7-ONE see: LV1750500
dl-trans-5-HYDROXY-alpha,alpha,4-TRIMETHYL-3-CYCLOHEXENE-1-METHANOL see: FI2000000
6-HYDROXY-4a,10-TRIMETHYLENE-1,2,3,4,4a,9,10,10a-OCTAHYDROPHENANTHRIDINE HYDROCHLORIDE see: UC3916000
2-exo-HYDROXY-exo-TRIMETHYLEN-NORBORNANE PHOSPHATE see: PC1220000
2-HYDROXY-N,N,N-TRIMETHYLETHANAMINIUM SALT with 2-HYDROXYBENZOIC ACID (1:1) see: GA6475000
3-HYDROXY-2,2,4-TRIMETHYL-3-PENTENOIC ACID, beta-LACTONE see: RQ7875000
4-HYDROXY-alpha,3,5-TRIMETHYLPHENETHYLAMINE HYDROCHLORIDE see: SH7725000
1-(4-HYDROXY-2,3,5-TRIMETHYLPHENOXY)-3-(ISOPROPYLAMINO)-2-PROPANOL 4-ACETATE see: UB6500000
3-HYDROXY-4((2,4,5-TRIMETHYLPHENYL)AZO)-2,7-NAPHTHALENEDISULFONIC ACID, DISODIUM SALT see: QJ6650000
3-HYDROXY-4-((2,4,5-TRIMETHYLPHENYL)AZO)-2,7-NAPHTHALENEDISULPHONIC ACID, DISODIUM SALT see: QJ6650000
9-HYDROXY-2,5,11-TRIMETHYL-6H-PYRIDO(4,3-b)CARBAZOLIUM see: UU8874900
2-HYDROXY-1,3,5-TRINITROBENZENE see: TJ7875000
3-HYDROXY-2,4,6-TRINITROPHENOL see: VH3540000
HYDROXYTRIPHENYLSTANNANE see: WH8575000
HYDROXYTRIPHENYLTIN see: WH8575000
2-HYDROXY-3,5,7-TRIS(MORPHOLINOMETHYL)-2,4,6-CYCLOHEPTATRIEN-1-ONE see: GU4605000 2,4,6-CYCLOHEPTATRIEN-1-ONE, 2-HYDROXY-3,5,7-TRIS(MORPHOLINOMETHYL)-
3-HYDROXYTROPOLONE see: GU4043000 2,4,6-CYCLOHEPTATRIEN-1-ONE, 2,3-DIHYDROXY-
5-HYDROXYTROPOLONE see: GU4044000 2,4,6-CYCLOHEPTATRIEN-1-ONE, 2,5-DIHYDROXY-
5-HYDROXYTRYPTAMINE see: NM2450000
5-HYDROXYTRYPTAMINE CREATININE SULFATE see: NM2550000
5-HYDROXYTRYPTAMINE CREATININE SULFATE MONOHYDRATE see: NM2550000
5-HYDROXYTRYPTAMINE mixed with SODIUM NITRITE see: NM2578000
HYDROXYTRYPTOPHAN see: YN7000000
L-5-HYDROXYTRYPTOPHAN see: YN7110000
5-HYDROXYTRYPTOPHAN see: YN7000000
5-HYDROXYTRYPTOPHANE see: YN7000000
5-HYDROXY-L-TRYPTOPHAN see: YN7110000
5-HYDROXYTRYPTOPHOL see: NL8512500
5-HYDROXYTRYTOPHAN see: YN7000000
3'-HYDROXY T2 TOXIN see: YD0090000
m-HYDROXYTYRAMINE HYDROCHLORIDE see: UX1092000
3-HYDROXYTYRAMINE HYDROCHLORIDE see: UX1092000
L-o-HYDROXYTYROSINE see: AY5600000
3-HYDROXY-L-TYROSINE see: AY5600000
4-HYDROXYUNDECANOIC ACID LACTONE see: YQ2485000
4-HYDROXYUNDECANOIC ACID, gamma-LACTONE see: YQ2485000
5-HYDROXYUNDECANOIC ACID LACTONE see: UQ1320000
HYDROXYUREA see: YT4900000
N-HYDROXYUREA see: YT4900000
HYDROXYUREA (D4) see: YT4900000
N-HYDROXYURETHAN see: FB1750000
N-HYDROXYURETHANE see: FB1750000
3-HYDROXYURIC ACID see: YU7060000
4-HYDROXYVALERIC ACID LACTONE see: LU3580000
17-HYDROXY-17-alpha-VINYL-4-ESTREN-3-ONE see: RC8899550
1-alpha-HYDROXYVITAMIN D3 see: FZ4650000
3-HYDROXYXANTHINE see: ZD8400000
3-HYDROXYXANTHINE see: ZD8100000
7-HYDROXYXANTHINE see: ZD9150000
3-HYDROXYXANTHINE ACETATE see: ZD8110000
1-HYDROXYXANTHINE DIHYDRATE see: ZD8225000
3-HYDROXYXANTHINE HYDRATE see: ZD8400000
3-HYDROXY-4-(2,4-XYLYLAZO)-3,7-NAPHTHALENEDISULFONIC ACID, DISODIUM SALT see: QJ6825000
3-HYDROXY-4-(2,4-XYLYLAZO)-3,7-NAPHTHALENEDISULPHONIC ACID, DISODIUM SALT see: QJ6825000
17-HYDROXYYOHIMBAN-16-CARBOXYLIC ACID METHYL ESTER see: ZG1000000
17-alpha-HYDROXY-20-alpha-YOHIMBAN-16-beta-CARBOXYLIC ACID METHYL ESTER see: ZG1005000
o-HYDROXYZIMTSAURE-LACTON (German) see: GN4200000
HYDROXYZINE see: KK2275000
HYDROXYZINE DIHYDROCHLORIDE see: KK2280000
HYDROXYZINE HYDROCHLORIDE see: KK2350000
HYDROXYZINE PAMOATE see: QL2200000
HYDRURE DE LITHIUM (French) see: OJ6300000
HYDURA see: YT4900000
HYFLAVIN see: VJ1400000
HYGROMULL see: YU1610000
HYGROTON see: DB1556000
HYGROTON-RESERPINE see: ZG0350000
HYLASE see: MT7260000
HYLEMOX see: TE4550000
HYLENE M50 see: NQ9350000
HYLENE T see: CZ6300000
HYLENE TCPA see: CZ6300000
HYLENE TCPA see: CZ6310000
HYLENE TIC see: CZ6310000
HYLENE TLC see: CZ6300000
HYLENE TM see: CZ6300000
HYLENE TM see: CZ6310000
HYLENE TM-65 see: CZ6300000
HYLENE TM-65 see: CZ6310000
HYLENE TRF see: CZ6300000
HYLENE TRF see: CZ6310000
HYLENTA see: XH9700000
HYLITE LF see: NJ0607000
HYLUTIN see: TU5085000
HYMECROMONE O,O-DIETHYL PHOSPHOROTHICATE see: GN7525000

NG9277000 HYMENAEA COURBARIL L., leaf and stem extract
DEF Jamaican plant belonging to the family CAESALPINIACEAE (JPPMAB 16,115,64)
UPDT 8405

TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:40 gm/kg JPPMAB 16,115,64

HYMENOXON see: LV1599200
HYMENOXONE see: LV1599200
HYMEXAZOL see: NY2932000
HYMINAL see: VA3850000
HYMORPHAN see: QD2625000
HYOCINE F HYDROBROMIDE see: YM4550000
HYONIC PE-250 see: MD0907700
HYOSAN see: SM0175000
HYOSCEINE see: VR3675000
HYOSCIN-N-BUTYLBROMID (German) see: YM3500000
HYOSCIN-N-BUTYL BROMIDE see: YM3500000
(-)-HYOSCINE see: VR3675000
HYOSCINE BROMIDE see: YM4550000
HYOSCINE BUTOBROMIDE see: YM3500000
HYOSCINE BUTYL BROMIDE see: YM3500000
HYOSCINE-N-BUTYL BROMIDE see: YM3500000
HYOSCINE see: VR3675000
HYOSCINE HYDROBROMIDE see: YM4550000
(-)-HYOSCINE HYDROBROMIDE see: YM4550000
l-HYOSCINE HYDROBROMIDE see: YM4550000
HYOSCINE HYDROCHLORIDE see: VR4290000
HYOSCINE METHYL BROMIDE see: YM3675000
dl-HYOSCYAMINE see: CK0700000
dl-HYOSCYAMINE METHYLNITRATE see: CK2800000
HYOSCYINE HYDROBROMIDE see: YM4550000
HYOSOL see: VR3675000
dl-HYOSYAMINE METHYLNITRATE see: CK2800000
HYOZID see: NS1750000
HYPALOX II see: BD1200000
HYPANTIN see: WJ6968000
HYPAQUE see: DG6125000
HYPAQUE 13.4 see: LZ4315000
HYPAQUE 50 see: DG6125000
HYPAQUE 60 see: LZ4315000
HYPAQUE M 30 see: LZ4315000

TOXICITY DATA HAVE NOT BEEN EVAIUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

HYPAQUE MEGLUMINE see: LZ4315000
HYPAQUE SODIUM see: DG6125000
HYPCOL see: VA3850000
HYPERASID see: DJ3009200
HYPERAZIN see: TH9000000
HYPERAZINE see: TH9000000
HYPERBUTAL see: CQ1575000
HYPERCAL B see: ZG0350000
HYPERCILLIN see: XH9450000

NH3340000 HYPERICUM MYSORENSE Heyne, extract excluding roots
DEF:Indian plant belonging to the family GUTIFERAE (IJEBA6 12,512,74)
UPDT:8305
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 12,512,74

NH3342000 HYPERICUM PATULUM Thunb., extract
DEF:Indian plant belonging to the family GUTTIFERAE (IJEBA6 12,512,74)
UPDT:8305
SYN: URILO EXTRACT
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:375 mg/kg IJEBA6 12,512,74

HYPERIN see: DJ3009200
HYPERNEPHRIN see: DO2625000
HYPERNIC EXTRACT see: DE3124000
HYPEROL see: YT4850000
HYPEROSID see: DJ3009200
HYPEROSIDE see: DJ3009200
HYPEROZIDE see: DJ3009200
HYPERPAX see: AY5950000
HYPERSIN see: ME8575000
HYPERSTAT see: DK8185000
HYPERTANE FORTE see: ZG0350000
HYPERTENAIN see: OP3000000
HYPERTENSAN see: ZG0350000
HY-PHI 1055 see: RG2275000
HY-PHI 1088 see: RG2275000
HY-PHI 1199 see: WI2800000
HY-PHI 1205 see: WI2800000
HY-PHI 1303 see: WI2800000
HY-PHI 1401 see: WI2800000
HY-PHI 2066 see: RG2275000
HY-PHI 2088 see: RG2275000
HY-PHI 2102 see: RG2275000
HYPHYLLINE see: XH5100000
HYPNALETTEN see: CQ6825000
HYPNAZOL see: SM5850000
HYPNODIN see: HO2840000
HYPNOGEN see: CQ6825000
HYPNOGENE see: CQ3500000
HYPNOLONE see: CQ6825000
HYPNOLTOL see: CQ6825000
HYPNOMIDATE see: NI4021500 14-IMIDAZOLE-5-CARBOXYLIC ACID, 1-(alpha-METHYLBENZYL)-, ETHYLESTER, SULFATE
HYPNON see: AM5250000
HYPNON see: DF2410000
HYPNONE see: AM5250000
HYPNOREX see: OJ5800000
HYPNOSTAN see: CQ6475000
HYPNO-TABLINETTEN see: CQ6825000

NH3465000 HYPOCHLORIC ACID, CALCIUM SALT, hydrated
UPDT:8312
SYN: CALCIUM HYPOCHLORATE, hydrated, contains 5.5% to 10% water (DOT) * UN 2880 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.102,83

NH3480000 HYPOCHLOROUS ACID, BARIUM SALT
UPDT:8312 CAS: 13477-10-6 MW: 182.81 MOLFM: Cl2-O2 .Br
SYN: BARIUM HYPOCHLORITE * BARIUM HYPOCHLORITE, containing more than 22% available chlorine (DOT) * UN 2741 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER AND POISON CFRGBR 49,172.102,83

NH3485000 HYPOCHLOROUS ACID, CALCIUM SALT
UPDT:8401 CAS: 7778-54-3 MW: 142.98 MOLFM: Cl2-O2 .Ca
SYN: B-K POWDER * BLEACHING POWDER * BLEACHING POWDER (DOT) * CALCIUM CHLOROHYDROCHLORITE * CALCIUM HYPOCHLORIDE * CALCIUM HYPOCHLORITE * CALCIUM OXYCHLORIDE * CAPORIT * CCH * CHLORIDE of LIME * CHLORIDE OF LIME (DOT) * CHLORINATED LIME * CHLORINATED LIME (DOT) * HTH * HY-CHLOR * LIME CHLORIDE * LOBAX * LOSANTIN * PERCHLORON * PITTCHLOR * PITTCIDE * PITTCLOR * SENTRY
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:850 mg/kg PESTC* 9,21,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-C; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NH3485500 HYPOCHLOROUS ACID, CALCIUM SALT, (dry mixture)
UPDT:8308 CAS: 7778-54-3 MW 145.00 MOLFM: Cl2-H2-O2 .Ca
SYN: CALCIUM HYPOCHLORITE mixture, dry (containing more than 39% available chlorine (DOT) * UN 1748 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NH3485700 HYPOCHLOROUS ACID, CALCIUM SALT, hydrated
DEF:Contains 5.5% to 10% water and more than 39% CHLORINE (CFRGBR 49,172.101,82)
UPDT:8308
SYN: CALCIUM HYPOCHLORINE, hydrated (DOT) * UN 2880 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82

NH3486000 HYPOCHLOROUS ACID, LITHIUM SALT
UPDT:8308 CAS: 13840-33-0 MW: 58.39 MOLFM: Cl-O .Li
SYN: LITHIUM HYPOCHLORITE * LITHIUM HYPOCHLORITE COMPOUND, DRY (DOT) * UN 1471 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NH3486300 HYPOCHLOROUS ACID, SODIUM SALT
UPDT:8408 CAS: 7681-52-9 MW: 75.45 MOLFM: Cl-H-O .Na
SYN: ANTIFORMIN * B-K LIQUID * CARREL-DAKIN SOLUTION * CHLOROS * CHLOROX * CLOROX * DAKINS SOLUTION * HYCLORITE * MILTON * NA 1791 (DOT) * SODIUM HYPOCHLORITE * SODIUM HYPOCHLORITE (DOT) * SURCHLOR
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate AMONDS 3,253,80
dnr-esc 20 nL/disc MUREAV 41,61,76
dnd-esc 420 umol/L AIPAAV 114,595,68
cyt-hmn:lym 100 ppm/24H ARMCAH 21,409,70
cyt-ham:lng 100 mg/L ARTODN (Suppl 4) 41,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-B; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

HYPODERMACID see: TA0700000
HYPOGLYCIN B see: AY6330000 ALANINE, N-L-gamma-GLUTAMYL-3-(METHYLENECYCLOPROPYL)-
HYPOGLYCINE B see: AY6330000 ALANINE, N-L-gamma-GLUTAMYL-3-(METHYLENECYCLOPROPYL)-

NH3497000 HYPONITRITE
UPDT:8310 CAS: 15435-66-2 MW: 60.02 MOLFM: N2-O2
MUTATION DATA AND REFERENCES:
cyt-mus:emb 500 nmol/L JNCIAM 32,667,64
cyt-ham:oth 500 nmol/L JNCIAM 32,667,64

NH3497300 HYPONITROUS ACID
UPDT:8308 CAS: 14448-38-5 MW: 62.04 MOLFM: H2-N2-O2
SYN: HYPONITROUS ACID (DOT) * N-NITROSOHYDROXYLAMINE
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

HYPONITROUS ACID ANHYDRIDE see: QX1350000
HYPONITROUS ACID (DOT) see: NH3497300
alpha-HYPOPHAMINE see: RS7534000
HYPOPHENON see: UH1925000
HYPOPHTHALIN see: TH8925000
HYPOPHTHALIN see: TH9000000
HYPOPHYSEAL GROWTH HORMONE see: TO7385000
HYPOPRESOL see: TH8849900
HYPORENIN see: DO2625000
HYPOS see: TH9000000
HYPOTHIAZID see: DK9100000
HYPOTHIAZIDE see: DK9100000
HYPOTROL see: CP9600000
HYPOTROL see: CP9450000
HYPOXANTHINE NUCLEOSIDE see: NM7460000
HYPOXANTHINE RIBONUCLEOSIDE see: NM7460000
HYPOXANTHINE RIBOSIDE see: NM7460000
HYPOXANTHINE D-RIBOSIDE see: NM7460000
HYPOXANTHINE, THIO- see: UO9800000
HYPOXANTHOSINE see: NM7460000
HYPRONE see: PB1300000
HYPROVAL-PA see: TU5085000

NH4685000 HYPTIS SUAVEOLENS, leaf extract
UPDT:8408
SYN: GANGA TULSI, leaf extract
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T24T25 orl-rat TDLo:700 mg/kg (1-7D preg) IJMRAQ 64,1133,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NH4700000 HYPTIS SUAVEOLENS Poit, leaf and stem extract
DEF:Jamaican plant belonging to the family LABIATAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:40 gm/kg JPPMAB 14,556,62

HYPTOR see: VA3850000
HYPTOR BASE see: VA3850000
HYRE see: VJ1400000
HYROXON see: TU5085000
HYSCO see: YM4550000
HYSCYLENE P see: AB3040000

NH5085000 HYSSOP OIL
UPDT:8305 CAS: 8006-83-5
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1400 mg/kg FCTXAV 16,783,78
* skn-rbt LD50:5000 mg/kg FCTXAV 16,783,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

HYSTEPS see: CQ6825000
HYSTRENE 80 see: WI2800000
HYSTRENE 4516 see: WI2800000
HYSTRENE 5016 see: WI2800000
HYSTRENE 7018 see: WI2800000
HYSTRENE 8016 see: RT4550000
HYSTRENE 9014 see: QH4375000
HYSTRENE 9016 see: RT4550000
HYSTRENE 9512 see: OE9800000
HYSTRENE 9718 see: WI2800000
HYTECH see: ZH5200000
HYTON see: RQ2975000
HYTONE see: GM8925000
HYTONE LOTION see: GM8925000
HYTOX see: FB7880000
HYTRAST see: UV1146600
HYTROL O see: GW1050000
HYVAR see: YQ9100000
HYVAR see: YQ9275000
HYVAREX see: YQ9100000
HYVAR X see: YQ9100000
HYVAR X BROMACIL see: YQ9100000
HYVAR X-L see: YQ9100000
HYVAR X WEED KILLER see: YQ9100000
HYVAR X-WS see: YQ9100000
HYVERMECTIN see: IH7891500
HYZYD see: NS1750000
IA see: AI3500000
IA-4 see: DL9860000
I 337A see: AB6825000
IAA see: NL3150000
3-IAA see: NL3150000
IAB see: BU2625000
IA-BUT see: UQ8225000
I.A.I. see: NS1750000
IAMBOLEN see: TR2725000
IA-4 N-OXIDE see: DL9880000
IAP see: NP1460000
IARACTAN see: XO1050000
IBA see: NL5250000

IBATRAN see: YR6475000
IBENZMETHYZINE see: XS4550000
IBENZMETHYZINE HYDROCHLORIDE see: XS4725000
IBENZMETHYZIN HYDROCHLORIDE see: XS4725000
IBIAMOX see: XH8300000
IBIFUR see: RQ3620000
IBIODRAL see: KR6825000
IBIOFURAL see: LT7700000
IBIOSUC see: GV7350000
IBIOTON see: US6475000
IBIOTYZIL see: DD2800000
IBIOZEDRINE see: SI1750000
IBN see: RA0805000

NH6737000 IBOGAMINE-18-CARBOXYLIC ACID, 20-HYDROXY-12-METHOXY-13-((3-alpha)-17-METHOXY-17-OXOVOBASAN- 3-YL)-, METHYL ESTER, (20S)-
UPDT:8311 CAS: 5130-80-3 MW: 720.99 MOLFM: C43-H52-N4-O6
SYN: VOACALINE * VOACORINE
TOXICITY DATA AND REFERENCES:
2F17J25 ivn-mus LD50:30 mg/kg APFRAD 15,617,57

NH6737200 IBOGAMINE-18-CARBOXYLIC ACID, 12-METHOXY-13-((3-alpha)-17-METHOXY-17-OXOVOBASAN-3-YL)-, METHYL ESTER, 2-OXO-3-BORNANESULFONATE
UPDT:8311 MW: 937.31 MOLFM: C43-H52-N4-O5 C10-H16-O4-S
SYN: CSV * VOCAMINE CAMPHORSULFONATE * VOCAMINE CAMPHOSULFONATE
TOXICITY DATA AND REFERENCES:
3F12J22J30 ivn-mus LD50:46 mg/kg APFRAD 15,617,57

NH6737230 IBOGAMINE-18-CARBOXYLIC ACID, 12-METHOXY-13-((3-alpha)-17-METHOXY-17-OXOVOBASAN-3-YL)-, METHYL ESTER, SULFATE
UPDT:8311 CAS: 3371-85-5 MW: 803.07 MOLFM: C43-H52-N4-O5 H2-O4-S
SYN: VOCAMINE SULFATE
TOXICITY DATA AND REFERENCES:
3F12J22J30 ivn-mus LD50:21500 ug/kg APFRAD 15,617,57

IBOGAMINE-18-CARBOXYLIC ACID, METHYL ESTER, HYDROCHLORIDE see: PC5080000
IBOMAL see: CQ1050000
IBOTENIC ACID see: NY2100000
IBOTENSAURE (German) see: NY2100000
IBP see: TE6500000
IBP see: TE6550000
IBUFEN see: MU6640000
IBUFENAC see: AI4200000
IBUNAC see: AI4200000
IBUPROCIN see: MU6640000
IBUPROFEN see: MU6640000
IBUPROFEN PICONOL see: CY1678800
IBUPROFEN SODIUM see: MU6641000
IBYLCAINE HYDROCHLORIDE see: KL4375000
IBZ see: XS4725000
ICCSH see: OK6367000
ICHIBAN see: XK8150000
ICHTHO-BELLOL see: CK2450000
ICI 350 see: DM3678900
ICI 543 see: UD1842000
ICI 3435 see: DA9495000
ICI 28257 see: UE9480000
ICI-32865 see: XF0700000
I.C.I. 33,828 see: EC1490000
ICI 38174 see: QJ9275000
ICI 43823 see: XJ5131860
ICI 45520 see: UB7500000
ICI 45520 see: UB7525000
ICI 46,474 see: KH2387000
ICI 46,474 see: KR5919600
ICI 46476 see: YE0810000
ICI 48213 see: GO7550000
ICI 50172 see: AE4222000
ICI 51426 see: HO7878000
ICI 54,450 see: XJ1800000
ICI 55,548 see: KR6712700
ICI-58834 see: QE3940000
ICI 59118 see: TL6389900
ICI 66082 see: AC3600000
ICI 69653 see: PB9185000
ICI 72860 see: AC3595000
ICI 74205 see: MJ9653000
racemic-ICI 74205 see: MJ9653000
racemic-ICI 74206 see: MJ9652950
ICI 77163 see: YT4975400
ICI 79,280 see: SL1210000
ICI 79939 see: MJ9652000
ICI 79,939 see: MJ9675000
ICI 80996 see: MJ9652000
ICI 81008 see: MJ9670000
ICI-109081 see: UR6330000
ICI 122,378 see: CD8835000
ICI 123215 see: OK6690000
ICI 47,699 CITRATE see: KR6712000
I.C.I. COMPOUND 33828 see: EC1490000
ICI 156834 DISODIUM see: XI0330600
ICIG 180 see: UU8842000 6H-PYRIDO(4,3-b)CARBAZOLE, 5,11-DIMETHYL-9-METHOXY-, LACTATE
ICIG 770 see: UU8825000 6H-PYRIDO(4,3-b)CARBAZOLE, 5,11-DIMETHYL-
ICIG 771 see: UU8830000 6H-PYRIDO(4,3-b)CARBAZOLE, 5,11-DIMETHYL-, HYDROCHLORIDE
ICIG 772 see: UU8840000 6H-PYRIDO(4,3-b)CARBAZOLE, 5,11-DIMETHYL-9-METHOXY-
ICIG 773 see: UU8841000 6H-PYRIDO(4,3-b)CARBAZOLE, 5,11-DIMETHYL-9-METHOXY-, HYDROCHLORIDE,HYDRATE
ICIG 778 see: TN6829890 4-PIPERIDINOL, 1-BENZYL-4-ETHYNYL-3-(1-(3-INDOLYL)ETHYL)-
ICIG 779 see: NL9486800 3-INDOLEMETHANOL, 5-METHOXY-alpha-(3-PYRIDYL)-
ICIG 780 see: NL9495500 3-INDOLEMETHANOL, alpha-(3-PYRIDYL)-
ICIG 862 see: UU8816500 6H-PYRIDO(4,3-b)CARBAZOLE
ICIG 863 see: UU8850000 6H-PYRIDO(4,3-b)CARBAZOLE, 5-METHYL-
ICIG 864 see: TN8988000 4-PIPERIDINONE, 1-BENZYL-3-(1H-INDOL-3-YLMETHYL)-
ICIG 865 see: TN8987000 4-PIPERIDINONE, 1-BENZYL-3-((2-ETHYL-1H-INDOL-3-YL)METHYL)-
ICIG 879 see: NM1700000 1H-INDOLE, 3-(3-PYRIDINYLMETHYL)-
ICIG 927 see: QE3475000 4-MORPHOLINEETHANAMINE, N-((1,4-DIMETHYL-9H-CARBAZOL-3-YL)METHYLENE)-
ICIG 926 see: DA0281700 BENZENEETHANAMINE, N-((1,4-DIMETHYL-9H-CARBAZOL-3-YL)METHYLENE)-alpha-METHYL-
ICIG 1089 see: UU8816000 6H-PYRIDO(4,3-b)CARBAZOL-9-AMINE, 5,11-DIMETHYL-
I.C.I.G. 1105 see: YS5079000
I.C.I.G. 1163 see: YS5079500
I.C.I.G. 1325 see: YT2150000
ICIG 1703 see: VT9609500
ICIG 1704 see: VT9609000
ICIG 1725 see: YT2150100
ICIG 1729 see: YV9396000
ICIG 1730 see: CI9190000
ICIG 1735 see: VT9606000
ICIG 1736 see: MA0957000
ICIG 1737 see: PD0590000
ICIG 1771 see: VT9608000
ICIG 1772 see: OH2945000
ICIG 1773 see: VT9607000
ICIG 1776 see: YS4903000
ICIG 1812 see: OH2940000
ICIG 719A see: UU8843000 6H-PYRIDO(4,3-b)CARBAZOLE, 5,11-DIMETHYL-, TARTRATE

NH8385000 ICIG-EROTC-1186
DEF: Isolated from ALANTIUM VITENSE (85GDA2 8(1),181,82)
UPDT:8308
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:25 mg/kg 85GDA2 8(1),181,82

I.C.I. HYDROCHLORIDE see: QJ9275000
I.C.I. LTD. COMPOUND NUMBER 80996 see: MJ9652000
ICIPEN see: XH9275000
ICI-PP 557 see: GZ1255000
ICN-1229 see: XZ4250000
ICR 10 see: AR7580000
ICR-25a see: VB0175000
ICR-48b see: AR7525000
ICR-125 see: AR8050000
ICR 170 see: AR7680000
ICR-191 see: AR7678000
ICR 217 see: TX6880000
ICR 292 see: CU3460000
ICR 311 see: CU3440000
ICR 340 see: DI2400000
ICR 342 see: AR7690000
ICR 355 see: TX7033900
ICR 368 see: TX7008000
ICR 371 see: TX7033800
ICR 372 see: TX7037000
ICR 377 see: AR8200000
ICR 394 see: DI9870000
ICR 395 see: TX7006000
ICR 433 see: CA9630000
ICR-450 see: CA9365000
ICR 449 see: TX6865000
ICR 451 see: CW0960000
ICR 486 see: CA9575000
ICR 498 see: CW0380000
ICR 502 see: CW0525000
ICR 506 see: CA9380000
ICR-191A see: AR7678000
ICR DIHYDROCHLORIDE see: AR7678000
ICRF 159 see: TL6389900
ICRF-159 see: TL6400000
ICRF-187 see: TL6390000
ICR 170-OH see: KK1960510
ICSH see: OK6367000
ICTALIS SIMPLE see: MU1050000
ID 480 see: DF0875000
ID 540 see: DF2370305
IDA see: AI2975000
IDANTOIL see: MU1050000
IDANTOIL see: MU1400000
IDANTOIN see: MU1050000
IDANTOINAL see: MU1400000
IDARAC see: DH8520000
ID 480 DIHYDROCHLORIDE see: DF0875000
IDEXUR see: YU7700000
IDMT see: GU3830500 2,4,6-CYCLOHEPTATRIEN-1-ONE, 5,7-BIS(MORPHOLINOMETHYL)-2-HYDROXY-3-ISOPROPYL-, DIHYDROCHLORIDE
IDO-C see: CI7650000
IDOCYL NOVUM see: VO5075000
IDOMETHINE see: NL3500000
IDONOR see: TX1410000
IDOSERP see: ZG0350000
IDO-TEBIN see: NS1750000
IDOXENE see: YU7700000
IDOXURIDIN see: YU7700000
IDOXURIDINE see: YU7700000
IDPN see: UG2975000
IDRAGIN see: VO0700000
IDRALAZINA (Italian) see: TH8925000
IDRAZIDE DELL'ACIDO ISONICOTINICO (Italian) see: NS1750000
IDRAZIL see: NS1750000
IDRAZINA IDRATA (Italian) see: MV8050000
IDRAZINA SOLFATO (Italian) see: MV9625000
IDRIANOL see: DO7525000
IDROBUTAZINA see: UQ8400000
IDROCHINONE (Italian) see: MX3500000
IDROESTRIL see: WJ5600000
IDROGENO SOLFORATO (Italian) see: MX1225000
IDROGESTENE see: TU5085000
IDROPEROSSIDO DI CUMENE (Italian) see: MX2450000
IDROPEROSSIDO DI CUMOLO (Italian) see: MX2450000
IDROPEROSSIDO DI TETRALINA (Italian) see: MX2625000
IDROSSIDO DI STAGNO TRIFENILE (Italian) see: WH8575000
1',1-(2-IDROSSIETIL)-4,3-(2-CLORO-10-FENOTIAZIL)PROPILPIPERAZINA (Italian) see: TL7175000
4-beta-IDROSSIETILDIETILENDIAMINOMETILTETRACICLINA (Italian) see: QI9277600
4-beta-IDROSSIETILDIETILENDIAMINOMETILTETRACICLINA FENOSSIMETILPENICILLINATO (Italian) see: QI9277650
17-beta-IDROSSI-17-alpha-METILANDROSTAN(3,2-c)ISOSSAZOLO (Italian) see: BV8045500
cis,trans-4-IDROSSIMETIL-2-IODOMETIL-1,3-DIOSSOLANO (Italian) see: JI1300000
4-IDROSSI-4-METIL-PENTAN-2-ONE (Italian) see: SA9100000
d-N,N'-(1-IDROSSIMETIL PROPIL)-ETILENDINITROSAMINA (Italian) see: EL3852000
5-IDROSSI-7-METIL-s-TRIAZOLO(4,3-c)PIRIMIDINA (Italian) see: XZ6135500
4-IDROSSI-3-(3-OXO-)-FENIL-BUTIL)-CUMARINE (Italian) see: GN4550000
L-5alpha-IDROSSIPROPIONILAMINO-2,4,6-TRIIODOISOFTAL-DI(1,3-DIIDROSSI-2-PROPILAMIDE) see: CZ2235000

4-IDROSSI-3-(1,2,3,4-TETRAIDRO-1-NAFTIL)-CUMARINA (Italian) see: GN7630000
IDROSSIZINA see: KK2275000
IDROTIADENE see: HQ2800000
IDROTIAZIDE see: DK9100000
IDRYL see: LL4025000
IDSOSERP see: ZG0350000
IDU see: YU7700000
IDUCHER see: YU7700000
IDULEA see: YU7700000
IDULIAN see: DE8025500
IDUOCULOS see: YU7700000
IDUR see: YU7700000
IDURIDIN see: YU7700000
IEC see: KE2450000
IERGIGAN see: SO6825000
IEROIN see: QC8050000
IF see: XN0350000
IF (FUMIGANT) see: XN0350000
IFC see: FD9100000
IFENEC see: NI4450000
IFENPRODIL see: TM8520000
IFENPRODIL TARTRATE see: TM8530000
IFENPRODIL TARTRATE (2:1) see: TM8530000
IFENPRODIL L-(+)-TARTRATE see: TM8530000
IFENPRODIL L-(+)-TARTRATE (2:1) see: TM8530000
IFIBRIUM see: DE9275000
IFK see: FD9100000
IFN-beta see: MT6425500
IFN-alpha A see: MT6425900
IFOSFAMID see: RP6050000
IFOSFAMIDE see: RP6050000
IF ROM 203 see: UB4799000
IGE see: TZ3500000
IGELITE F see: KV0350000
IGELITE P see: KV0350000
IGEPAL CA see: MD0907600
IGEPAL CA 520 see: MD0907600
IGEPAL CA-630 see: MD0907700
IGEPAL CO-630 see: MD0905000
IGEPON T see: WX0500000
IGEPON T 33 see: WX0500000
IGEPON T-43 see: WX0500000
IGEPON T 51 see: WX0500000
IGEPON T-71 see: WX0500000
IGEPON T-73 see: WX0500000
IGEPON T77 see: WX0500000
IGEPON TE see: WX0500000
IGIG 929 see: UU8886500 6H-PYRIDO(4,3-b)CARBAZOL-9-OL, 5,11-DIMETHYL-
IG-243-NA see: AG6645000
IGNAZIN see: AX8050000
IGRAN see: XY4725000
IGRAN 50 see: XY4725000
IGROTON see: DB1556000
II-C-2 see: PB8750000
IIH see: NS1925000
IKACLOMIN see: YE0875000
IKADA RHODAMINE B see: BP3675000
IKhS 1 see: KV9750000
IKURIN see: WO6125000
ILBION see: AE3850000
ILCOCILLIN P see: XH9450000
ILETIN see: NM8894000
ILIADIN see: SK1225000
ILICICOLIN E see: VH3707550
ILIDAR see: HN7525000
ILIDAR PHOSPHATE see: HN7525000
ILITIA see: DJ2900000
ILIXATHIN see: VM2975000
ILLOXAN see: UF1180000
ILLOXOL see: IO1750000
ILLUDIN S see: WH0204300
ILLUDINE S see: WH0204300
ILOPAN see: ES4316000
ILOTYCIN see: KF4375000
ILOXAN see: UF1180000
IM see: HO1575000
IMADYL see: FE3170000 9H-CARBAZOLE-2-ACETIC ACID, 6-CHLORO-alpha-METHYL-
IMAGON see: VB2360000
IMAKOL see: SO5775000

NI1913000 IMANIN
UPDT:8308 CAS: 11113-64-7
SYN: IMANINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:250 mg/kg 85GDA2 8(2),388,82

IMANINE see: NI1913000
IMAVATE see: HO1925000
IMBRILON see: NL3500000
IMC 3950 see: EZ7260000
IMD 760 see: BV8225000
IMESONAL see: CP9450000
IMESONAL see: CP9800000
IMET 3393 see: DE1590000
IMET 3995 see: UQ8969000
IMET 176/68 see: CQ0660000

NI2200000 IMFERON
UPDT:8408 CAS: 9004-66-4
SYN: A 100 * A 100 (PHARMACEUTICAL) * B 75 * CHINOFER * DEXTRAN IRON COMPLEX * DEXTROFER 75 * EISENDEXTRAN (German) * Fe-DEXTRAN * FENATE * FERDEX 100 * FERRIC DEXTRAN * FERRIDEXTRAN * FERRODEXTRAN * FERROGLUCIN * FERROGLUKIN 75 * IMPOSIL * IRO-JEX * IRON DEXTRAN * IRON-DEXTRAN COMPLEX * IRON DEXTRAN INJECTION * IRONORM INJECTION * MYOFER 100 * POLYFER * PROLONGAL * URSOFERRAN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 ivn-rat TDLo:2580 gm/kg (17-20D preg) TXCYAC 5,147,75
2T81T85 ims-rat TDLo:240 mg/kg (6W pre) BPNSBY 10,49,77
1T13 iut-rat TDLo:52500 ug/kg (1D pre) IJEBA6 19,1124,81
1T34 ims-rbt TDLo:650 mg(Fe)/kg (6-18D preg) SJHSBD 32,69,77
2T13T22 iut-rat TDLo:5250 ug/kg (1D pre) IJEBA6 19,1124,81
TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-wmn TDLo:20 mg/kg/3Y-I BMJOAE 2,277,73
2V01V10 scu-rat TDLo:750 mg(Fe)/kg/4W-I IJCNAW 2,370,67
2V02V10 ims-rat TDLo:1150 mg/kg/17W-I BJCAAI 15,838,61
3V03J61V10 scu-mus TDLo:104 gm/kg/13W-I JNCIAM 24,109,60
2V03V10 ims-mus TDLo:2 gm(Fe)/kg/9W-I BJCAAI 21,448,67
2V03V10 ims-rbt TDLo:28 gm/kg/27W-I BMJOAE 1,1593,64
2V03L60 scu-ham TDLo:40 gm/kg/10W-I JNCIAM 24,109,60
2V03V10 scu-mus TD :1120 mg(Fe)/kg/28W-I BMJOAE 1,1800,62
2V02V10 ims-rat TD :3760 mg(Fe)/kg/47W-I BMJOAE 1,947,59
2V03V10 scu-rat TD :104 gm/kg/26W-I JNCIAM 24,109,60
2V01V10 scu-rat TD :1500 mg(Fe)/kg/8W-I IJCNAW 2,370,67
2V01V10 scu-rat TD :2400 mg(Fe)/kg/24W-I BJCAAI 18,801,64
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:2500 mg(Fe)/kg TXAPA9 18,185,71
* ims-rat LDLo:1617 mg(Fe)/kg ACVTA8 29,21,79
ivn-mus LD50:2240 mg(Fe)/kg TXAPA9 23,537,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FCTXAV 9,105,71; BMJOAE 1(6114),683,78; PEXTAR 12,102,69
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 2,161,73
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 2,161,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IMI 115 see: XR1700000
IMIDA-LAB see: TI4375000
IMIDALIN see: NJ1925000
IMIDAMINE see: NJ2000000
IMIDAN see: TE2275000
IMIDAN (PEYTA) see: TI4375000

NI2885000 9H-IMIDAZO(1,2-a)BENZIMIDAZOLE, 9-((2-DIETHYLAMINO)ETHYL)-2-PHENYL-, DIHYDROCHLORIDE
UPDT:8401 CAS: 23572-32-9 MW: 405.41 MOLFM: C21-H24-N4 .2Cl-H
SYN: 9-DIETHYLAMINOETHYL-2-PHENYLIMIDAZO(1,2-a)BENZIMIDAZOLE DIHYDROCHLORIDE * 2-PHENYL-9-DIETHYLAMINOETHYL-9H-IMIDAZO(1,2-a)BENZIMIDAZOLE DIHYDROCHLORIDE * RU 13
TOXICITY DATA AND REFERENCES:
orl-mus LD50:590 mg/kg JMCMAR 15,923,72
scu-mus LD50:157 mg/kg RPTOAN 36,88,73

NI2922170 4H-IMIDAZO(1,5-a)(1,4)BENZODIAZEPINE-3-CARBOXYLIC ACID, 8-FLUORO-5,6-DIHYDRO-5-METHYL-6- OXO-, ETHYL ESTER
UPDT:8311 CAS: 78755-81-4 MW: 303.32 MOLFM: C15-H14-F-N3-O3
SYN: ETHYL 8-FLUORO-5-METHYL-5,6-DIHYDRO-6-OXO-4H-IMIDAZO(1,5-a)(1,4)BENZODIAZEPINE-3-CARBOXYLATE * Ro-15-1788
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1360 mg/kg DRFUD4 7,402,82
* ipr-mus LD50:4000 mg/kg DRFUD4 7,402,82

NI2922200 4H-IMIDAZO(1,5-a)(1,4)BENZODIAZEPINE, 8-CHLORO-6-(2-FLUOROPHENYL)-1-METHYL-, (Z)-2-BUTENEDIOATE (1:1)
UPDT:8403 CAS: 59467-94-6 MW: 441.87 MOLFM: C18-H13-Cl-F-N3 .C4-H4-O4
SYN: 8-CHLORO-6-(2-FLUOROPHENYL)-1-METHYL-4H-IMIDAZO(1,5-a)(1,4)BENZODIAZEPINE MALEATE * DORMICUM * DORMICUM MALEATE * MIDAZOLAM MALEATE * RO 21-3981 * RO 21-3981/001
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:760 mg/kg ARZNAD 31,2180,81
* ivn-mus LD50:86 mg/kg ARZNAD 31,2180,81

NI2931000 IMIDAZO(4,5-d)(1,3)DIAZEPIN-8-OL, 3-(2-DEOXY-beta-D-PENTOFURANOSYL)-3,6,7,8-TETRAHYDRO-, (R)-
UPDT:8401 CAS: 53910-25-1 MW: 268.31 MOLFM: C11-H16-N4-O4
SYN: 2-CDF * CL 67310465 * CO-VIDARABINE * DEOXYCOFORMYCIN * 2'-DEOXYCOFORMYCIN * (R)-3-(2-DEOXY-beta-D-PENTOFURANOSYL)-3,6,7,8-TETRAHYDROIMIDAZO(4,5-d)(1,3)DIAZEPIN-8-OL * PENTOSTATIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T48T54 ipr-mus TDLo:500 ug/kg (10D preg) TJADAB 25(2),36A,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI2931500 IMIDAZO(4,5-d)(1,3)DIAZEPIN-8-OL, 3,4,7,8-TETRAHYDRO-3-beta-D-RIBOFURANOSYL-, (R)-
UPDT:8311 CAS: 11033-22-0 MW: 284.31 MOLFM: C11-H16-N4-O5
SYN: COFORMYCIN * (R)-3,4,7,8-TETRAHYDRO-3-beta-D-RIBOFURANOSYLIMIDAZO(4,5-d)(1,3)DIAZEPIN-8-OL
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:35 mg/kg 85GDA2 5,330,81

NI2935500 3H-IMIDAZO(2,1-c)-1,2,4-DITHIAZOLE-3-THIONE, 5,6-DIHYDRO-
UPDT:8408 CAS: 33813-20-6 MW: 176.28 MOLFM: C4-H4-N2-S3
SYN: 5,6-DIHYDRO-3H-IMIDAZO(2,1-c)-1,2,4-DITHIAZOLE-3-THIONE * ENDODAN * ETEM * ETHYLENE BISTHIURAM MONOSULFIDE * ETHYLENETHIOCARBAMYL SULFIDE * ETHYLENE THIURAM MONOSULFIDE * ETHYLENE THIURAM MONOSULPHIDE * ETHYLENETHIURAM SULFIDE * ETM * ETM (HETEROCYCLE) * HORTOCRITT
MUTATION DATA AND REFERENCES:
mrc-bcs 2 ug/disc/24H MUREAV 40,19,76
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:304 mg/kg (16W pre) JHEMA2 24,295,80
1T23 orl-rat TDLo:304 mg/kg (16W male) JHEMA2 24,295,80
TOXICITY DATA AND REFERENCES:
* orl-rat TDLo:380 mg/kg ARTODN (Suppl 4),459,80
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI2938500 IMIDAZO(4,5-d)IMIDAZOLE-2,5(1H,3H)-DIONE, TETRAHYDRO-1,4-DINITRO-
UPDT:8308 CAS: 55510-04-8 MW: 232.14 MOLFM: C4-H4-N6-O6
SYN: DINITROGLYCOLURIL * DINITROGLYCOLURIL (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

NI2938800 1H-IMIDAZO(5,1-a)ISOINDOLE-5-CARBOXAMIDE, 2,3,5,9b-TETRAHYDRO-N,N-DIMETHYL-1,3-DIOXO-2- PHENYL-
UPDT:8412 MW: 319.39 MOLFM: C19-H17-N3-O2
TOXICITY DATA AND REFERENCES:
1F07 ipr-mus LD50:700 mg/kg FRPSAX 39,322,84

NI2939000 5H-IMIDAZO(2,1-a)ISOINDOLE, 2-PHENYL-
UPDT:8403 MW: 232.30 MOLFM: C16-H12-N2
SYN: 2-PHENYL-5H-IMIDAZO(2,1-a)ISOINDOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:375 mg/kg (6-10D preg) ARZNAD 33,1222,83
1T29 scu-ham TDLo:150 mg/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3010000 IMIDAZO(2,1-a)ISOQUINOLINE, 2-(m-(ALLYLOXY)PHENYL)-
UPDT:8403 MW: 300.38 MOLFM: C20-H16-N2-O
SYN: 2-(m-(ALLYLOXY)PHENYL)IMIDAZO(2,1-a)ISOQUINOLINE * 2-(3-ALLYLOXYPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-ham TDLo:1250 ug/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3011000 IMIDAZO(2,1-a)ISOQUINOLINE, 2-(4-BIPHENYLYL)-
UPDT:8403 MW: 320.41 MOLFM: C23-H16-N2

SYN: 2-(4-BIPHENYLYL)IMIDAZO(2,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:5 mg/kg (6-10D preg) ARZNAD 33,1222,83
1T29 orl-ham TDLo:2 mg/kg (4-8D preg) ARZNAD 33,1222,83
1T29 scu-ham TDLo:100 ug/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3012000 IMIDAZO(2,1-a)ISOQUINOLINE, 2-(p-BROMOPHENYL)-
UPDT:8403 MW: 323.21 MOLFM: C17-H11-Br-N2
SYN: 2-(p-BROMOPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:7500 ug/kg (6-10D preg) ARZNAD 33,1222,83
1T29 orl-ham TDLo:25 mg/kg (4-8D preg) ARZNAD 33,1222,83
1T29 scu-ham TDLo:2500 ug/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3013000 IMIDAZO(2,1-a)ISOQUINOLINE, 2-(m-CHLOROPHENYL)-
UPDT:8403 MW: 278.75 MOLFM: C17-H11-Cl-N2
SYN: 2-(m-CHLOROPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:75 mg/kg (6-10D preg) ARZNAD 33,1222,83
1T29 scu-ham TDLo:7500 ug/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3014000 IMIDAZO(2,1-a)ISOQUINOLINE, 2-(p-CHLOROPHENYL)-
UPDT:8403 MW: 278.75 MOLFM: C17-H11-Cl-N2
SYN: 2-(p-CHLOROPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE * 2-(4-CHLOROPHENYL)IMIDAZO(2,1-b)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:7500 ug/kg (6-10D preg) ARZNAD 33,1222,83
1T29 orl-ham TDLo:20 mg/kg (4-8D preg) ARZNAD 33,1222,83
1T29 scu-ham TDLo:200 ug/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3014100 IMIDAZO(5,1-a)ISOQUINOLINE, 2-(p-CHLOROPHENYL)-
UPDT:8412 MW: 279.76 MOLFM: C17-H12-Cl-N2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:10 mg/kg (1-5D preg) JAPRAN 23,295,82
1T29 scu-dog TDLo:1 mg/kg (20D preg) JAPRAN 23,295,82
1T29 scu-ham TDLo:200 ug/kg (1-5D preg) JAPRAN 23,295,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3015000 IMIDAZO(2,1-a)ISOQUINOLINE, 2-(3,4-DICHLOROPHENYL)-
UPDT:8403 MW: 313.19 MOLFM: C17-H10-Cl2-N2
SYN: 2-(3,4-DICHLOROPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:22500 ug/kg (6-10D preg) ARZNAD 33,1222,83
1T29 scu-ham TDLo:1850 ug/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3016000 IMIDAZO(2,1-a)ISOQUINOLINE, 5,6-DIHYDRO-2-(m-METHOXYPHENYL)-
UPDT:8403 MW: 276.36 MOLFM: C18-H16-N2-O
SYN: 2-(m-METHOXYPHENYL)-5,6-DIHYDROIMIDAZO(2,1-a)ISOQUINOLINE * 2-(3-METHOXYPHENYL)-5,6-DIHYDROIMIDAZO(2,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:22500 ug/kg (6-10D preg) ARZNAD 33,1222,83
1T29 scu-ham TDLo:1900 ug/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3017000 IMIDAZO(2,1-a)ISOQUINOLINE, 5,6-DIHYDRO-2-(o-METHOXYPHENYL)-
UPDT:8403 MW: 276.36 MOLFM: C18-H16-N2-O
SYN: 2-(o-METHOXYPHENYL)-5,6-DIHYDROIMIDAZO(2,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:75 mg/kg (6-10D preg) ARZNAD 33,1222,83
1T29 scu-ham TDLo:50 mg/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3018000 IMIDAZO(2,1-a)ISOQUINOLINE, 5,6-DIHYDRO-2-(p-METHOXYPHENYL)-
UPDT:8403 MW: 276.36 MOLFM: C18-H16-N2-O
SYN: 2-(p-METHOXYPHENYL)-5,6-DIHYDROIMIDAZO(2,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:50 mg/kg (6-10D preg) ARZNAD 33,1222,83
1T29 scu-ham TDLo:50 mg/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3019000 IMIDAZO(2,1-a)ISOQUINOLINE, 5,6-DIHYDRO-2-PHENYL-
UPDT:8403 MW: 246.33 MOLFM: C17-H14-N2
SYN: 2-PHENYL-5,6-DIHYDROIMIDAZO(2,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:62500 ug/kg (6-10D preg) ARZNAD 33,1222,83
1T29 scu-ham TDLo:13500 ug/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3020000 IMIDAZO(2,1-a)ISOQUINOLINE, 5,6-DIHYDRO-2-p-TOLYL-
UPDT:8403 MW: 260.36 MOLFM: C18-H16-N2
SYN: 2-p-TOLYL-5,6-DIHYDROIMIDAZO(2,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:25 mg/kg (6-10D preg) ARZNAD 33,1222,83
1T29 scu-ham TDLo:15 mg/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3021000 IMIDAZO(2,1-a)ISOQUINOLINE, 2-(m-ETHOXYPHENYL)-
UPDT:8403 MW: 288.37 MOLFM: C19-H16-N2-O
SYN: 2-(m-ETHOXYPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-ham TDLo:2500 ug/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3022000 IMIDAZO(2,1-a)ISOQUINOLINE, 2-(p-FLUOROPHENYL)-
UPDT:8403 MW: 262.30 MOLFM: C17-H11-F-N2
SYN: 2-(p-FLUOROPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:12500 ug/kg (6-10D preg) ARZNAD 33,1222,83
1T29 scu-ham TDLo:500 ug/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3023000 IMIDAZO(2,1-a)ISOQUINOLINE, 2-(m-METHOXYPHENYL)-
UPDT:8403 MW: 274.34 MOLFM: C18-H14-N2-O
SYN: 2-(m-METHOXYPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE * 2-(3-METHOXYPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:15 mg/kg (6-10D preg) ARZNAD 33,1222,83
1T29 scu-ham TDLo:1050 ug/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3024000 IMIDAZO(2,1-a)ISOQUINOLINE, 2-(o-METHOXYPHENYL)-
UPDT:8403 MW: 274.34 MOLFM: C18-H14-N2-O
SYN: 2-(o-METHOXYPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:20 mg/kg (6-10D preg) ARZNAD 33,1222,83
1T29 scu-ham TDLo:10 mg/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3025000 IMIDAZO(2,1-a)ISOQUINOLINE, 2-(p-METHOXYPHENYL)-
UPDT:8403 MW: 274.34 MOLFM: C18-H14-N2-O
SYN: 2-(p-METHOXYPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:15 mg/kg (6-10D preg) ARZNAD 33,1222,83
1T29 scu-ham TDLo:1750 ug/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3026000 IMIDAZO(2,1-a)ISOQUINOLINE, 2-(3,4-(METHYLENEDIOXY)PHENYL)-
UPDT:8403 MW: 288.32 MOLFM: C18-H12-N2-O2
SYN: 2-(3,4-(METHYLENEDIOXY)PHENYL)IMIDAZO(2,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-ham TDLo:1250 ug/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3027000 IMIDAZO(2,1-a)ISOQUINOLINE, 3-METHYL-2-PHENYL-
UPDT:8403 MW: 258.34 MOLFM: C18-H14-N2
SYN: 3-METHYL-2-PHENYLIMIDAZO(2,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-ham TDLo:25 mg/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3028000 IMIDAZO(2,1-a)ISOQUINOLINE, 2-(p-NITROPHENYL)-
UPDT:8403 MW: 289.31 MOLFM: C17-H11-N3-O2
SYN: 2-(p-NITROPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-ham TDLo:75 mg/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3029000 IMIDAZO(2,1-a)ISOQUINOLINE, 2-PHENYL-
UPDT:8403 MW: 244.31 MOLFM: C17-H12-N2
SYN: 2-PHENYLIMIDAZO(2,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:15 mg/kg (6-10D preg) ARZNAD 33,1222,83
1T29 scu-ham TDLo:1250 ug/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3030000 IMIDAZO(2,1-a)ISOQUINOLINE, 2-(m-PROPOXYPHENYL)-
UPDT:8403 MW: 302.40 MOLFM: C20-H18-N2-O
SYN: 2-(m-PROPOXYPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-ham TDLo:2500 ug/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3031000 IMIDAZO(2,1-a)ISOQUINOLINE, 2-p-TOLYL-
UPDT:8403 MW: 258.34 MOLFM: C18-H14-N2
SYN: 2-p-TOLYLIMIDAZO(2,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:15 mg/kg (6-10D preg) ARZNAD 33,1222,83
1T29 scu-ham TDLo:2500 ug/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3040000 IMIDAZO(2,1-a)ISOQUINOLIN-5-OL, 2,3,5,6-TETRAHYDRO-5-(1,3-BENZODIOXOL-5-YL)-
UPDT:8308 CAS: 56882-48-5 MW: 308.36 MOLFM: C18-H16-N2-O3
SYN: 2,3,5,6-TETRAHYDRO-5-(1,3-BENZODIOXOL-5-YL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL
TOXICITY DATA AND REFERENCES:
3F12F13R21 ipr-mus LD50:10200 ug/kg JMCMAR 26,765,83

NI3042000 IMIDAZO(2,1-a)ISOQUINOLIN-5-OL, 2,3,5,6-TETRAHYDRO-5-BENZYL-
UPDT:8308 CAS: 83634-04-2 MW: 278.38 MOLFM: C18-H18-N2-O
SYN: 2,3,5,6-TETRAHYDRO-5-BENZYL-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL
TOXICITY DATA AND REFERENCES:
2F12F13 ipr-mus LD50:37500 ug/kg JMCMAR 26,765,83

NI3044000 IMIDAZO(2,1-a)ISOQUINOLIN-5-OL, 2,3,5,6-TETRAHYDRO-5-(m-CHLOROPHENYL)-
UPDT:8308 CAS: 84[illegible]75-00-8 MW: 298.79 MOLFM: C17-H15-Cl-N2-O
SYN: 2,3,5,6-TETRAHYDRO-5-(m-CHLOROPHENYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:37500 ug/kg JMCMAR 26,765,83

NI3046000 IMIDAZO(2,1-a)ISOQUINOLIN-5-OL, 2,3,5,6-TETRAHYDRO-5-(o-CHLOROPHENYL)-
UPDT:8308 CAS: 56882-50-9 MW: 298.79 MOLFM: C17-H15-Cl-N2-O
SYN: 2,3,5,6-TETRAHYDRO-5-(2-CHLOROPHENYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL
TOXICITY DATA AND REFERENCES:
3F01F12F29 ipr-mus LD50:34400 ug/kg JMCMAR 26,765,83

NI3048000 IMIDAZO(2,1-a)ISOQUINOLIN-5-OL, 2,3,5,6-TETRAHYDRO-5-(p-CHLOROPHENYL)-
UPDT:8308 CAS: 56882-42-9 MW: 298.79 MOLFM: C17-H15-Cl-N2-O
SYN: 2,3,5,6-TETRAHYDRO-5-(4-CHLOROPHENYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL
TOXICITY DATA AND REFERENCES:
3F01F12F17 ipr-mus LD50:75 mg/kg JMCMAR 26,765,83

NI3050000 IMIDAZO(2,1-a)ISOQUINOLIN-5-OL, 2,3,5,6-TETRAHYDRO-5-(2,4-DICHLOROPHENYL)-
UPDT:8308 CAS: 56882-51-6 MW: 333.23 MOLFM: C17-H14-Cl2-N2-O
SYN: 2,3,5,6-TETRAHYDRO-5-(2,4-DICHLOROPHENYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:81300 ug/kg JMCMAR 26,765,83

NI3052000 IMIDAZO(2,1-a)ISOQUINOLIN-5-OL, 2,3,5,6-TETRAHYDRO-5-(3,4-DICHLOROPHENYL)-
UPDT:8308 CAS: 56882-49-6 MW: 333.23 MOLFM: C17-H14-Cl2-N2-O
SYN: 2,3,5,6-TETRAHYDRO-5-(3,4-DICHLOROPHENYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL
TOXICITY DATA AND REFERENCES:
1F13 ipr-mus LD50:150 mg/kg JMCMAR 26,765,83

NI3054000 IMIDAZO(2,1-a)ISOQUINOLIN-5-OL, 2,3,5,6-TETRAHYDRO-5-(m-FLUOROPHENYL)-
UPDT:8308 CAS: 56882-43-0 MW: 282.34 MOLFM: C17-H15-F-N2-O
SYN: 2,3,5,6-TETRAHYDRO-5-(3-FLUOROPHENYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL
TOXICITY DATA AND REFERENCES:
3F01F17F43 ipr-mus LD50:21 mg/kg JMCMAR 26,765,83

NI3056000 IMIDAZO(2,1-a)ISOQUINOLIN-5-OL, 2,3,5,6-TETRAHYDRO-5-(o-FLUOROPHENYL)-

UPDT:8308 CAS: 84774-99-2 MW: 282.34 MOLFM: C17-H15-F-N2-O

SYN: 2,3,5,6-TETRAHYDRO-5-(2-FLUOROPHENYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:35500 ug/kg JMCMAR 26,765,83

NI3058000 IMIDAZO(2,1-a)ISOQUINOLIN-5-OL, 2,3,5,6-TETRAHYDRO-5-(p-FLUOROPHENYL)-

UPDT:8308 CAS: 56882-41-8 MW: 282.34 MOLFM: C17-H15-F-N2-O

SYN: 2,3,5,6-TETRAHYDRO-5-(4-FLUOROPHENYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL

TOXICITY DATA AND REFERENCES:

3F12F13F17 ipr-mus LD50:76900 ug/kg JMCMAR 26,765,83

NI3060000 IMIDAZO(2,1-a)ISOQUINOLIN-5-OL, 2,3,5,6-TETRAHYDRO-5-(p-METHOXYPHENYL)-

UPDT:8308 CAS: 56882-47-4 MW: 294.38 MOLFM: C18-H18-N2-O2

SYN: 2,3,5,6-TETRAHYDRO-5-(4-METHOXYPHENYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL

TOXICITY DATA AND REFERENCES:

3F01F12F13 ipr-mus LD50:138 mg/kg JMCMAR 26,765,83

IMIDAZO(2,1-a)ISOQUINOLIN-5-OL, 2,3,5,6-TETRAHYDRO-5-(4-METHYLPHENYL)- see: NI3070000

NI3062000 IMIDAZO(2,1-a)ISOQUINOLIN-5-OL, 2,3,5,6-TETRAHYDRO-5-PHENYL-

UPDT:8308 CAS: 56882-45-2 MW: 264.35 MOLFM: C17-H16-N2-O

SYN: 2,3,5,6-TETRAHYDRO-5-PHENYL-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL

TOXICITY DATA AND REFERENCES:

3D35F01F17 ipr-mus LD50:37500 ug/kg JMCMAR 26,765,83

NI3064000 IMIDAZO(2,1-a)ISOQUINOLIN-5-OL, 2,3,5,6-TETRAHYDRO-5-(3-PYRIDYL)-

UPDT:8308 CAS: 60151-19-1 MW: 265.34 MOLFM: C16-H15-N3-O

SYN: 2,3,5,6-TETRAHYDRO-5-(3-PYRIDYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL

TOXICITY DATA AND REFERENCES:

1F12 ipr-mus LD50:68800 ug/kg JMCMAR 26,765,83

NI3066000 IMIDAZO(2,1-a)ISOQUINOLIN-5-OL, 2,3,5,6-TETRAHYDRO-5-(4-PYRIDYL)-

UPDT:8308 CAS: 60099-37-8 MW: 265.34 MOLFM: C16-H15-N3-O

SYN: 2,3,5,6-TETRAHYDRO-5-(4-PYRIDYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL

TOXICITY DATA AND REFERENCES:

3D35F12F29 ipr-mus LD50:37900 ug/kg JMCMAR 26,765,83

NI3068000 IMIDAZO(2,1-a)ISOQUINOLIN-5-OL, 2,3,5,6-TETRAHYDRO-5-(2-THIENYL)-

UPDT:8308 CAS: 60099-38-9 MW: 270.37 MOLFM: C15-H14-N2-O-S

SYN: 2,3,5,6-TETRAHYDRO-5-(2-THIENYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL

TOXICITY DATA AND REFERENCES:

3F12F13R21 ipr-mus LD50:68800 ug/kg JMCMAR 26,765,83

NI3070000 IMIDAZO(2,1-a)ISOQUINOLIN-5-OL, 2,3,5,6-TETRAHYDRO-5-(p-TOLYL)-

UPDT:8308 CAS: 56882-46-3 MW: 278.38 MOLFM: C18-H18-N2-O

SYN: IMIDAZO(2,1-a)ISOQUINOLIN-5-OL, 2,3,5,6-TETRAHYDRO-5-(4-METHYLPHENYL)- * 2,3,5,6-TETRAHYDRO-5-(p-TOLYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL

TOXICITY DATA AND REFERENCES:

3F01F12F13 ipr-mus LD50:84100 ug/kg JMCMAR 26,765,83

IMIDAZO(2,1-a)ISOQUINOLIN-5-OL, 2,3,5,6-TETRAHYDRO-5-(3-(TRIFLUOROMETHYL)PHENYL)- see: NI3072000

NI3072000 IMIDAZO(2,1-a)ISOQUINOLIN-5-OL, 2,3,5,6-TETRAHYDRO-5-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-

UPDT:8308 CAS: 56882-44-1 MW: 332.35 MOLFM: C18-H15-F3-N2-O

SYN: IMIDAZO(2,1-a)ISOQUINOLIN-5-OL, 2,3,5,6-TETRAHYDRO-5-(3-(TRIFLUOROMETHYL)PHENYL)- * 2,3,5,6-TETRAHYDRO-5-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL

TOXICITY DATA AND REFERENCES:

3F01F12R21 ipr-mus LD50:50 mg/kg JMCMAR 26,765,83

p-(IMIDAZO(2,1-a)ISOQUINOLIN-2-YL)BENZONITRILE see: DI4620000

m-(IMIDAZO(2,1-a)ISOQUINOLIN-2-YL)PHENOL see: SL5400000

IMIDAZOL see: NI3325000

NI3190000 1H-IMIDAZOL-2-AMINE, 4,5-DIHYDRO-N-(2-CHLORO-4-METHYLPHENYL)-, MONONITRATE

UPDT:8412 CAS: 57524-15-9 MW: 272.72 MOLFM: C10-H12-Cl-N3 · H-N-O3

TOXICITY DATA AND REFERENCES:

3D35F13J22 orl-rat LD50:420 mg/kg ARZNAD 25,1926,75

3D35F13J22 ivn-rat LD50:42 mg/kg ARZNAD 25,1926,75

3D35F12R21 orl-mus LD50:160 mg/kg ARZNAD 25,1926,75

3D35F12R21 ivn-mus LD50:18500 ug/kg ARZNAD 25,1926,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3200000 1H-IMIDAZOL-2-AMINE, 4,5-DIHYDRO-N-(5,6,7,8-TETRAHYDRO-1-NAPHTHALENYL)-, HYDROCHLORIDE, HYDRATE

UPDT:8403 CAS: 74195-73-6 MW: 269.81 MOLFM: C13-H17-N3 · Cl-H · H2-O

SYN: BICIRON * 4,5-DIHYDRO-N-(5,6,7,8-TETRAHYDRO-1-NAPHTHALENYL)-1H-IMIDAZOL-2-AMINE HYDROCHLORIDE HYDRATE * AB 227 * RHINASPRAY * RHINOGUTT * RHINOSPRAY * 2-((5,6,7,8-TETRAHYDRO-1-NAPHTHYL)AMINO)-2-IMIDAZOLINE HYDROCHLORIDE HYDRATE * TO-NK * TRAMAZOLINE HYDROCHLORIDE MONOHYDRATE

TOXICITY DATA AND REFERENCES:

orl-mus LD50:195 mg/kg ARZNAD 12,971,62

ipr-mus LD50:57 mg/kg ARZNAD 12,971,62

scu-mus LD50:77 mg/kg ARZNAD 12,971,62

NI3325000 IMIDAZOLE

UPDT:8309 CAS: 288-32-4 MW: 68.09 MOLFM: C3-H4-N2

SYN: 1,3-DIAZA-2,4-CYCLOPENTADIENE * 1,3-DIAZOLE * FORMAMIDINE, N,N'-VINYLENE- * GLYOXALIN * GLYOXALINE * IMIDAZOL * IMINAZOLE * IMUTEX * MIAZOLE * PYRRO(b)MONAZOLE * USAF EK-4733

MUTATION DATA AND REFERENCES:

dni-hmn:oth 1 mmol/L JIDEAE 65,400,75

TOXICITY DATA AND REFERENCES:

scu-rat LD50:625 mg/kg JPETAB 119,444,57

orl-mus LD50:1880 mg/kg TXAPA9 14,301,69

ipr-mus LD50:300 mg/kg NTIS** AD277-689

scu-mus LD50:817 mg/kg JPETAB 119,444,57

1F12 ivn-mus LD50:475 mg/kg ARZNAD 33,716,83

scu-cat LDLo:125 mg/kg AEXPBL 84,155,18

orl-mam LD50:1000 mg/kg PCOC** -,608,66

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

NI3340000 IMIDAZOLE-1-ACETAMIDE, N-BENZYL-2-NITRO-

UPDT:8412 CAS: 22994-85-0 MW: 260.28 MOLFM: C12-H12-N4-O3

SYN: BENZNIDAZOLE * N-BENZYL-2-NITROIMIDAZOLE-1-ACETAMIDE * 1H-IMIDAZOLE-1-ACETAMIDE, 2-NITRO-N-(PHENYLMETHYL)- (9CI) * RADANIL * RO 71051

MUTATION DATA AND REFERENCES:

mmo-sat 30 umol/L MUREAV 117,237,83

mma-sat 30 umol/L MUREAV 117,237,83

mmo-esc 10 mg/L IDZAAW 58,505,83

mmo-klp 50 umol/L MUREAV 31,149,75

NI3345000 IMIDAZOLE-1-ACETAMIDE, N,N-DIMETHYL-2-NITRO-

UPDT:8402 CAS: 22668-03-7 MW: 198.21 MOLFM: C7-H10-N4-O3

SYN: N,N-DIMETHYL-2-NITRO-1-IMIDAZOLEACETAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:1255 mg/kg AACHAX -,513,67

* scu-mus LD50:1320 mg/kg AACHAX -,513,67

NI3355000 IMIDAZOLE-1-ACETAMIDE, N-(2-HYDROXYETHYL)-2-NITRO-

UPDT:8408 CAS: 22668-01-5 MW: 334.31 MOLFM: C17-H10-N4-O4

SYN: SR 2508 * 1H-IMIDAZOLE-1-ACETAMIDE, N-(2-HYDROXYETHYL)-2-NITRO- (9CI)

MUTATION DATA AND REFERENCES:

otr-mus:emb 1 mmol/L/3D-C 45OJAG -,146,80

1H-IMIDAZOLE-1-ACETAMIDE, N-(2-HYDROXYETHYL)-2-NITRO- (9CI) see: NI3355000 IMIDAZOLE-1-ACETAMIDE, N-(2-HYDROXYETHYL)-2-NITRO-

NI3360000 1H-IMIDAZOLE-1-ACETAMIDE, 2-METHYL-5-NITRO-N-2-PYRIMIDINYL-

1H-IMIDAZOLE-1-ACETAMIDE, 2-NITRO-N-(PHENYLMETHYL)- (9CI) see: NI3340000

UPDT:8406 CAS: 74550-89-3 MW: 262.26 MOLFM: C10-H10-N6-O3

SYN: DA 3839 * 2-METHYL-5-NITRO-N-2-PYRIMIDINYL-1H-IMIDAZOLE-1-ACETAMIDE

MUTATION DATA AND REFERENCES:

mmo-sat 1 umol/L TCMUD8 3,429,83

NI3400000 IMIDAZOLE, 1-ACETYL-

UPDT:8401 CAS: 2466-76-4 MW: 110.13 MOLFM: C5-H6-N2-O

SYN: N-ACETYLIMIDAZOLE

TUMORIGENIC DATA AND REFERENCES:

2V02J60 ipr-mus TDLo:50 mg/kg/I JNCIAM 54,495,75

TOXICITY DATA AND REFERENCES:

ipr-mus LDLo:250 mg/kg StoGD# 27May75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IMIDAZOLEACRYLIC ACID see: NI3425200

NI3425200 IMIDAZOLE-4-ACRYLIC ACID

UPDT:8309 CAS: 104-98-3 MW: 138.14 MOLFM: C6-H6-N2-O2

SYN: IMIDAZOLEACRYLIC ACID * 5-IMIDAZOLEACRYLIC ACID * 2-PROPENOIC ACID, 3-(1H-IMIDAZOL-4-YL)- (9CI) * UROCANIC ACID * UROCANINIC ACID

MUTATION DATA AND REFERENCES:

dni-hmn:oth 1 mmol/L JIDEAE 65,400,75

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:100 mg/kg 85GDA2 5,81,81

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

5-IMIDAZOLEACRYLIC ACID see: NI3425200

NI3432000 IMIDAZOLE, 1-ALLYL-2-NITRO-

UPDT:8312 CAS: 10045-34-8 MW: 153.16 MOLFM: C6-H7-N3-O2

SYN: 1-ALLYL-2-NITROIMIDAZOLE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:158 mg/kg AACHAX -,478,65

* ipr-mus LD50:144 mg/kg AACHAX -,478,65

* scu-mus LD50:144 mg/kg AACHAX -,478,65

IMIDAZOLE, 4-(2-AMINOETHYL)- see: MS1050000

NI3505000 IMIDAZOLE, 4-AMINOETHYL-, HYDROCHLORIDE

UPDT:8401 MW: 366.39 MOLFM: C5-H9-N3 · xCl-H

SYN: CHLORHYDRATE d'HISTAMINE (French) * HISTAMINE HYDROCHLORIDE

TUMORIGENIC DATA AND REFERENCES:

2V03K60 scu-mus TDLo:1140 mg/kg/28W-I BAFEAG 36,305,49

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3517000 IMIDAZOLE, 1-(alpha-(4-BIPHENYLYL)BENZYL)-

UPDT:8401 MW: 310.42 MOLFM: C22-H18-N2

SYN: BAY H 4502 * BIFONAZOL * BIFONAZOLE * 1-(alpha-(4-BIPHENYLYL)BENZYL)IMIDAZOLE * 1-((4-BIPHENYLYL)PHENYLMETHYL)-1H-IMIDAZOLE * MYCOSPOR

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T23 orl-mus TDLo:1200 mg/kg (1D male) ARZNAD 33,739,83

1T25 orl-rbt TDLo:390 mg/kg (6-18D preg) ARZNAD 33,739,83

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2854 mg/kg ARZNAD 33,739,83

* orl-mus LD50:2629 mg/kg ARZNAD 33,739,83

* orl-rbt LD50:4000 mg/kg ARZNAD 33,739,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1H-IMIDAZOLE-1-BUTANAMIDE, N,N-DIMETHYL-2-NITRO- (9CI) see: NI3885000

NI3565000 IMIDAZOLE, 1-BUTYL-

UPDT:8312 CAS: 4316-42-1 MW: 124.21 MOLFM: C7-H12-N2

SYN: BUTYLIMIDAZOLE * N-BUTYLIMIDAZOLE * N-(n-BUTYL)IMIDAZOLE * N-n-BUTYL IMIDAZOLE (DOT) * 1-BUTYLIMIDAZOLE * 1H-IMIDAZOLE, 1-BUTYL- (9CI) * UN 2690 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

1H-IMIDAZOLE, 1-BUTYL- (9CI) see: NI3565000

NI3885000 IMIDAZOLE-1-BUTYRAMIDE, N,N-DIMETHYL-2-NITRO-

UPDT:8402 CAS: 22668-02-6 MW: 226.27 MOLFM: C9-H14-N4-O3

SYN: N,N-DIMETHYL-2-NITRO-1-IMIDAZOLEBUTYRAMIDE * 1H-IMIDAZOLE-1-BUTANAMIDE, N,N-DIMETHYL-2-NITRO- (9CI) * Ro 7-2430

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1414 mg/kg AACHAX -,513,67

* ipr-mus LD50:1320 mg/kg AACHAX -,513,67

IMIDAZOLE-5-BUTYRIC ACID, alpha-ETHYL-beta-(HYDROXYMETHYL)-1-METHYL-, gamma-LACTONE see: TK1400000

NI3892000 IMIDAZOLE-2-CARBOXALDEHYDE, 1-METHYL-5-NITRO-

UPDT:8406 MW: 155.13 MOLFM: C5-H5-N3-O3

SYN: 1-METHYL-2-FORMYL-5-NITROIMIDAZOLE * 1-METHYL-5-NITRO-IMIDAZOLE-2-CARBOXALDEHYDE

MUTATION DATA AND REFERENCES:

mmo-sat 1 umol/L TCMUD8 3,429,83

NI3908000 5-IMIDAZOLECARBOXAMIDE, 4-AMINO-

UPDT:8305 MW: 126.14 MOLFM: C4-H6-N4-O

SYN: 4-AMINO-5-IMIDAZOLECARBOXAMIDE

MUTATION DATA AND REFERENCES:

mmo-esc 500 mg/L JGMIAN 18,543,58

NI3910000 IMIDAZOLE-4-CARBOXAMIDE, 5-AMINO-

UPDT:8401 CAS: 360-97-4 MW: 126.14 MOLFM: C4-H6-N4-O

SYN: 5-AMINOIMIDAZOLE-4-CARBOXAMIDE * DIAZOL-C

MUTATION DATA AND REFERENCES:

mma-sat 10 ug/plate JTEHD6 2,1095,77

mmo-klp 5 mmol/L/20H MUREAV 66,207,79

TUMORIGENIC DATA AND REFERENCES:

3V03M61K60 orl-rat TDLo:6390 mg/kg/21W-C JNCIAM 54,951,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3930000 IMIDAZOLE-4-CARBOXAMIDE, 5-(3,3-BIS(2-CHLOROETHYL)-1-TRIAZENO)-

UPDT:8201 CAS: 5034-77-5 MW: 277.16 MOLFM: C8-H12-Cl2-N6-O

SYN: BIC * 5-(3,3-BIS(2-CHLOROETHYL)-1-TRIAZENO)IMIDAZOLE-4-CARBOXAMIDE * IMIDAZOLE MUSTARD * NCI-C01616 * NSC-82196

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35 ipr-rat TDLo:100 mg/kg (12D preg) CNREA8 33,2231,73

3133T34T39 ipr-rat TDLo:900 mg/kg (12D preg) TJADAB 12,259,75

TUMORIGENIC DATA AND REFERENCES:

3V03J60P62 ipr-rat TDLo:600 mg/kg/7W-I CANCAR 40(Suppl 4),1935,77

2V02J60 ipr-mus TDLo:300 mg/kg/8W-I CNREA8 33,3069,73

3V03J60P62 ipr-mus TD :1170 mg/kg/26W-I CANCAR 40(Suppl 4),1935,77

TOXICITY DATA AND REFERENCES:

1K13	ivn-hmn TDLo:9 gm/kg	CCROBU 56,671,72

STATUS:

★ NCI CARCINOGENESIS STUDY COMPLETED/RESULTS INDEFINITE/MOUSE,RAT (CANCAR 40(Suppl 4),1935,77)

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3934500 IMIDAZOLE-4-CARBOXAMIDE, 5-(3-(2-CHLOROETHYL)-1-TRIAZENYL)-

UPDT:8408 MW: 215.65 MOLFM: C6-H8-Cl-N6-O

SYN: 5-(3-(2-CHLOROETHYL)TRIAZEN-1-YL)IMIDAZOLE-4-CARBOXAMIDE

MUTATION DATA AND REFERENCES:

	dnd-hmn:emb 50 umol/L	CNREA8 44,1772,84
	dnd-mus:leu 50 umol/L	CNREA8 44,1767,84

NI3938000 IMIDAZOLE-4-CARBOXAMIDE, 5-DIAZO-

UPDT:8401 CAS: 7008-85-7 MW: 137.12 MOLFM: C4-H3-N5-O

SYN: 5-DIAZOIMIDAZOLE-4-CARBOXAMIDE

MUTATION DATA AND REFERENCES:

	dni-rat:lvr 100 umol/L	CNREA8 36,2827,76

TUMORIGENIC DATA AND REFERENCES:

3V03K60P62	orl-rat TDLo:2175 mg/kg/14W-C	JNCIAM 54,951,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3940000 IMIDAZOLE-4-CARBOXAMIDE, 5-DIAZO-, HYDROCHLORIDE

UPDT:8401 CAS: 64038-55-7 MW: 137.12 MOLFM: C4-H3-N5-O

SYN: 5-DIAZOIMIDAZOLE-4-CARBOXAMIDE HYDROCHLORIDE

TUMORIGENIC DATA AND REFERENCES:

2V03R60	orl-rat TDLo:105 mg/kg/10W-C-	JNCIAM 54,951,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3950000 IMIDAZOLE-4-CARBOXAMIDE, 5-(3,3-DIMETHYL-1-TRIAZENO)-

UPDT:8412 CAS: 4342-03-4 MW: 182.22 MOLFM: C6-H10-N6-O

SYN: DACARBAZINE * DIC * 4-(3,3-DIMETHYL-1-TRIAZENO)IMIDAZOLE-5-CARBOXAMIDE * 4-(5)-(3,3-DIMETHYL-1-TRIAZENO)IMIDAZOLE-5(4)-CARBOXAMIDE * 5-(3,3-DIMETHYL-1-TRIAZENO)IMIDAZOLE-4-CARBOXAMIDE * DTIC * DTIC-DOME * NCI-C04717 * NSC-45388

MUTATION DATA AND REFERENCES:

	mma-sat 100 ug/plate	CRNGDP 3,467,82
	mmo-sat 100 ug/plate	CRNGDP 3,467,82
	mmo-esc 100 ug/plate	CRNGDP 3,467,82
	mma-esc 100 ug/plate	CRNGDP 3,467,82
	dni-mus:fbr 10 umol/L	BCPCA6 24,615,75
	oms-mus:fbr 100 umol/L	BCPCA6 24,615,75
	dni-rat:lvr 1 mmol/L	CNREA8 36,2827,76
	mma-mus:lym 75 mg/L	DCTODJ 1,277,78
	msc-mus:lym 75 mg/L	DCTODJ 1,277,78
	sce-ham:ovr 200 mg/L	CNREA8 43,577,83
	msc-ham:lng 20 mg/L	CRNGDP 3,467,82
	msc-ham:ovr 400 mg/L	CNREA8 43,577,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	ipr-rat TDLo:50 mg/kg (12D preg)	CNREA8 33,2231,73
1T53	ipr-rat TDLo:200 mg/kg (12D preg)	ANREAK 186,461,76
1T46	ipr-rat TDLo:100 mg/kg (12D preg)	CNREA8 33,2231,73
2T41T43	ipr-rat TDLo:400 mg/kg (12D preg)	CNREA8 33,2231,73

TUMORIGENIC DATA AND REFERENCES:

3V01P62R60	orl-rat TDLo:1730 mg/kg/15W-C	JNCIAM 54,951,75
3V03T65A60	ipr-rat TDLo:25 mg/kg (20D preg)	ARGEAR 50,306,80
3V01P62R60	ipr-rat TDLo:3900 mg/kg/26W-I	RRCRBU 52,1,75
3V01J60P62	ipr-mus TDLo:1950 mg/kg/26W-I	RRCRBU 52,1,75
3V01P62R60	orl-rat TD :3700 mg/kg/14W-C	PAACA3 11,73,70

TOXICITY DATA AND REFERENCES:

3K13P14Y10	ivn-hmn TDLo:3500 ug/kg	CCROBU 57,83,73
2F17F25	orl-rat LD50:2147 mg/kg	YACHDS 9,3105,81
*	ipr-rat LD50:350 mg/kg	ARGEAR 50,306,80
2F17F25	ivn-rat LD50:411 mg/kg	YACHDS 9,3105,81
2F17F25	orl-mus LD50:2032 mg/kg	YACHDS 9,3105,81
	ipr-mus LD50:567 mg/kg	CTRRDO 62,721,78
2F17F25	ivn-mus LD50:466 mg/kg	YACHDS 9,3105,81
1V30	par-ham LD10:250 mg/kg	JSONAU 15,355,80

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 26,203,81
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 26,203,81

STATUS:

★ NCI CARCINOGENESIS STUDY COMPLETED/RESULTS POSITIVE/MOUSE, RAT (RRCRBU 52,1,75)

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI3976000 1H-IMIDAZOLE-4-CARBOXAMIDE, 5-HYDROXY-2-METHYL-

UPDT:8303 CAS: 69946-37-8 MW: 141.15 MOLFM: C5-H7-N3-O2

SYN: 5-HYDROXY-2-METHYL-1H-IMIDAZOLE-4-CARBOXAMIDE * 2-METHYL-4-CARBAMOYL-5-HYDROXYIMIDAZOLE

TOXICITY DATA AND REFERENCES:

1V30	orl-mus LD50:2000 mg/kg	GWXXBX #2825738
1V30	ipr-mus LD50:500 mg/kg	GWXXBX #2825738
1V30	ivn-mus LD50:130 mg/kg	GWXXBX #2825738

NI3980000 1H-IMIDAZOLE-4-CARBOXAMIDE, 5-HYDROXY-1-beta-D-RIBOFURANOSYL-

UPDT:8405 CAS: 50924-49-7 MW: 259.25 MOLFM: C9-H13-N3-O6

SYN: ANHYDRO-4-CARBAMOYL-5-HYDROXY-1-beta-D-RIBOFURANOSYL-IMIDAZOLIUM HYDROXIDE * BREDININ * BREDININE * 4-CARBAMOYL-1-beta-D-RIBOFURANOSYL-IMIDAZOLIUM-5-OLATE * 5-HYDROXY-1-beta-D-RIBOFURANOSYL-1H-IMIDAZOLE-4-CARBOXAMIDE * MIZORIBINE

MUTATION DATA AND REFERENCES:

	cyt-hmn:hla 100 umol/L	CNREA8 35,1643,75
	mnt-mus-ipr 5 gm/kg	OYYAA2 24,703,82
	cyt-mus:leu 20 umol/L	IDZAAW 51,61,76
	cyt-mus:lym 20 umol/L	CNREA8 35,1643,75
	sce-mus:lym 2500 nmol/L	OYYAA2 24,703,82
	dlt-mus-orl 160 mg/kg	OYYAA2 24,711,82
	cyt-ham:fbr 100 umol/L	CNREA8 35,1643,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T42T45T47	orl-rat TDLo:11 mg/kg (7-17D preg)	OYYAA2 26,377,83
2T25T34	orl-rat TDLo:11 mg/kg (7-17D preg)	OYYAA2 26,377,83
2T71T72	orl-rat TDLo:48 mg/kg (17-22D preg)	OYYAA2 26,397,83
1T75	orl-rat TDLo:80 mg/kg (17-22D preg/4D post)	OYYAA2 26,397,83
1T13	orl-rat TDLo:300 mg/kg (30D pre)	OYYAA2 26,293,83
3T25T34T35	ipr-rat TDLo:5 mg/kg (11D preg)	SEIJBO 20,359,80
3T45T46T50	ipr-rat TDLo:5 mg/kg (11D preg)	SEIJBO 20,359,80
1T53	ipr-rat TDLo:5 mg/kg (11D preg)	SEIJBO 20,359,80
2T41T43	ipr-rat TDLo:5 mg/kg (9D preg)	SEIJBO 18,227,78
1T35	orl-mus TDLo:75 mg/kg (3D male)	OYYAA2 24,711,82
2T34T46	orl-rbt TDLo:52 mg/kg (6-18D preg)	OYYAA2 26,409,83
2T25T35	orl-rbt TDLo:39 mg/kg (6-18D preg)	OYYAA2 26,409,83

TOXICITY DATA AND REFERENCES:

	ivn-rat LD50:1500 mg/kg	DRFUD4 3,567,78
*	ipr-mus LD50:5000 mg/kg	85GDA2 5,275,81
*	ivn-mus LD50:500 mg/kg	85GDA2 5,275,81

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI4000000 IMIDAZOLE-4-CARBOXAMIDE, 5-(3-METHYL-1-TRIAZENO)-

UPDT:8401 CAS: 3413-72-7 MW: 168.19 MOLFM: C5-H8-N6-O

SYN: 5-(3-METHYL-1-TRIAZENO)IMIDAZOLE-4-CARBOXAMIDE * MTIC * NSC-407347

MUTATION DATA AND REFERENCES:

	mmo-sat 100 ug/plate	CRNGDP 3,467,82
	mmo-esc 100 ug/plate	CRNGDP 3,467,82
	dnd-hmn:oth 300 umol/L	CNREA8 42,1454,82
	oms-hmn:oth 60 umol/L	CNREA8 42,1454,82
	dns-hmn:oth 500 umol/L	CNREA8 42,1454,82
	dni-hmn:oth 60 umol/L	CNREA8 42,1454,82
	dni-mus:fbr 10 umol/L	BCPCA6 24,615,75
	oms-mus:fbr 100 umol/L	BCPCA6 24,615,75
	dni-rat:lvr 1 mmol/L	CNREA8 36,2827,76

TUMORIGENIC DATA AND REFERENCES:

3V01R60T64	orl-rat TDLo:4450 mg/kg/14W-C	JNCIAM 54,951,75
3V03R60T64	ipr-rat TDLo:10 mg/kg	JNCIAM 54,951,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI4000300 IMIDAZOLE-4-CARBOXAMIDE, 5-(3-METHYL-d3-1-TRIAZENO)-

UPDT:8402 MW: 171.19 MOLFM: C5-H5-D3-N6-O

SYN: METHYL-d3-MIC * 5-(3-METHYL-d3-1-TRIAZENO)IMIDAZOLE-4-CARBOXAMIDE

MUTATION DATA AND REFERENCES:

	dnd-mam:lym 520 mmol/L	CBINA8 8,403,74

NI4000400 1H-IMIDAZOLE-1-CARBOXAMIDE, N-PROPYL-N-(2-(2,4,6-TRICHLOROPHENOXY)ETHYL)-

UPDT:8309 CAS: 67747-09-5 MW: 376.69 MOLFM: C15-H16-Cl3-N3-O2

SYN: BTS 40542 * BTS 40542-7877 * PROCHLORAZ * 1-(N-PROPYL-N-(2-(2,4,6-(TRICHLOROPHENOXY)ETHYL)CARBAMOYL)IMIDAZOLE * N-PROPYL-N-(2-(2,4,6-TRICHLOROPHENOXY)ETHYL)-1H-IMIDAZOLE-1-CARBOXAMIDE * SPORTAK * SPORTAK PF

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1600 mg/kg	FMCHA2 -,C196,83
*	orl-mus LD50:2400 mg/kg	FMCHA2 -,C196,83

NI4000500 1-IMIDAZOLECARBOXANILIDE, 4'-FLUORO-

UPDT:8402 MW: 205.21 MOLFM: C10-H8-F-N3-O

SYN: 4'-FLUORO-1-IMIDAZOLECARBOXANILIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:3450 mg/kg	APFRAD 40,339,82
*	ipr-mus LD50:155 mg/kg	APFRAD 40,339,82

1H-IMIDAZOLE-1-CARBOXYLIC ACID, 2,3-DIHYDRO-3-METHYL-2-THIOXO, ETHYL ESTER see: NJ2441000

NI4021500 1H-IMIDAZOLE-5-CARBOXYLIC ACID, 1-(alpha-METHYLBENZYL)-, ETHYL ESTER, SULFATE

UPDT:8408 CAS: 33125-97-2 MW: 342.40 MOLFM: C14-H16-N2-O2 H2-O4-S

SYN: AMIDATE * R-(+)-ETHYL-1-(1-PHENYLETHYL)-1H-IMIDAZOLE-5-CARBOXYLATE SULFATE * ETOMIDATE * HYPNOMIDATE * (R)-(+)-1-(alpha-METHYLBENZYL)IMIDAZOLE-5-CARBOXYLIC ACID ETHYL ESTER * 1-(alpha-METHYLBENZYL)-1H-IMIDAZOLE-5-CARBOXYLIC ACID ETHYL ESTER SULFATE * 1-(1-PHENYLETHYL)-1H-IMIDAZOLE-5-CARBOXYLIC ACID ETHYL ESTER * R 16659

TOXICITY DATA AND REFERENCES:

3F07F23J30	ivn-hmn TDLo:300 ug/kg	AACRAT 55,730,76
1F07	ivn-rat LD50:14800 ug/kg	AIPTAK 214,92,73
2F07F19	ivn-mus LD50:29500 ug/kg	AIPTAK 214,92,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI4376800 1H-IMIDAZOLE, 1-(1-(2-((3-CHLOROBENZYL)OXY)PHENYL)VINYL)-, MONOHYDROCHLORIDE

UPDT:8412 CAS: 77174-66-4 MW: 347.26 MOLFM: C18-H15-Cl-N2-O Cl-H

SYN: 1-(1-(2-((3-CHLOROBENZYL)OXY)PHENYL)VINYL)-1H-IMIDAZOLE HYDROCHLORIDE * 1H-IMIDAZOLE, 1-(1-(2-((3-CHLOROPHENYL)METHOXY)PHENYL)ETHENYL)-, MONOHYDROCHLORIDE (9CI)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2500 mg/kg	JMCMAR 26,768,83
*	scu-rat LD50:7000 mg/kg	JMCMAR 26,768,83
3D28F12U26	orl-mus LD50:1490 mg/kg	OYYAA2 27,533,84
2F12U26	scu-mus LD50:1327 mg/kg	OYYAA2 27,533,84

NI4377000 IMIDAZOLE, 1-(o-CHLORO-alpha,alpha-DIPHENYLBENZYL)-

UPDT:8411 CAS: 23593-75-1 MW: 344.86 MOLFM: C22-H17-Cl-N2

SYN: BAY 5097 * BAY b 5097 * BAY-B 5097 * BISPHENYL-(2-CHLORPHENYL)-1-IMIDAZOLYL METHAN (German) * CANESTEN * 1-(o-CHLORO-alpha,alpha-DIPHENYLBENZYL)IMIDAZOLE * 1-(alpha-(2-CHLOROPHENYL)BENZHYDRYL)IMIDAZOLE * 1-((2-CHLOROPHENYL)DIPHENYLMETHYL)-1H-IMIDAZOLE (9CI) * (CHLOROTRITYL)IMIDAZOLE * 1-(o-CHLOROTRITYL)IMIDAZOLE * CHLOTRIMAZOLE * CLOTRIMAZOL * CLOTRIMAZOLE * DIPHENYL-(2-CHLOROPHENYL)-1-IMIDAZOLYLMETHANE * EMPECID * FB 5097 * GYNE-LOTRIMIN * 1H-IMIDAZOLE, 1-((2-CHLOROPHENYL)DIPHENYLMETHYL)- * LOTRIMIN * MYCELAX * MYCELEX * MYCELEX G * MYCOSPORIN * TRIMYSTEN

TOXICITY DATA AND REFERENCES:

1R10	ivg-wmn TDLo:28 mg/kg/7D	CTOXAO 18,41,81
	orl-rat LD50:708 mg/kg	ARZNAD 22,1272,72
	orl-mus LD50:761 mg/kg	ARZNAD 22,1272,72
	orl-rbt LDLo:2000 mg/kg	ARZNAD 22,1272,72
*	orl-mam LD50:750 mg/kg	AACHAX -,271,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI4396300 1H-IMIDAZOLE, 2-((5-CHLORO-2-METHOXYPHENYL)AZO)-

UPDT:8303 CAS: 77636-92-1 MW: 236.68 MOLFM: C10-H9-Cl-N4-O

SYN: 2-((5-CHLORO-2-METHOXYPHENYL)AZO)-1H-IMIDAZOLE * M 6434 * 2-((2-METHOXY-5-CHLOROPHENYL)AZO)-1H-IMIDAZOLE * 2-((2-METHOXY-5-CHLORPHENYL)AZO)-1H-IMIDAZOL (German)

TOXICITY DATA AND REFERENCES:

3G09H01M10	orl-mus LD50:1280 mg/kg	GWXXBX #3028927
3G09H01M10	ipr-mus LD50:795 mg/kg	GWXXBX #3028927

1H-IMIDAZOLE, 1-((2-CHLOROPHENYL)DIPHENYLMETHYL)- see: NI4377000

NI4450000 1H-IMIDAZOLE, 1-(2-((4-CHLOROPHENYL)METHOXY)-2-(2,4-DICHLOROPHENYL)ETHYL)-, NITRATE

UPDT:8403 CAS: 28558-28-3 MW: 444.72 MOLFM: C18-H15-Cl3-N2-O H-N-O3

SYN: 1-(2-((4-CHLOROPHENYL)METHOXY)-2-(2,4-DICHLOROPHENYL)ETHYL)-1H-IMIDAZOLE NITRATE * 1-(2,4-DICHLORO-beta-((p-CHLOROBENZYL)OXY)PHENETHYL)IMIDAZOLE NITRATE * ECONAZOLE NITRATE * ECOSTATIN * EPI-PEVARYL * GYNO-PEVARYL * IFENEC * PALAVALE * PEVARYL * R 14,827 * SPECTAZOLE

IRRITATION DATA AND REFERENCES:

	eye-rbt 1% MLD	IYKEDH 10,16,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T76T81	orl-rat TDLo:2240 mg/kg (16-22D preg/21D post)	ARZNAD 25,224,75
1T03	scu-rat TDLo:750 mg/kg (30D male)	IYKEDH 9,884,78
3T26T31T35	scu-rat TDLo:220 mg/kg (7-17D preg)	IYKEDH 9,928,78
3T16T46T83	scu-rat TDLo:110 mg/kg (7-17D preg)	IYKEDH 9,928,78
2T81T86	scu-rat TDLo:2200 ug/kg (7-17D preg)	IYKEDH 9,928,78
1T85	scu-rat TDLo:22 mg/kg (7-17D preg)	IYKEDH 9,928,78
3T26T35T76	scu-mus TDLo:160 mg/kg (7-14D preg)	IYKEDH 9,955,78

BEST COPY A

1T46 scu-mus TDLo:1600 ug/kg (7-14D preg) IYKEDH 9,955,78
1T16 scu-mus TDLo:160 mg/kg (7-14D preg) IYKEDH 9,955,78
1T31 scu-mus TDLo:800 mg/kg (7-14D preg) IYKEDH 9,955,78
1T46 scu-rbt TDLo:13 mg/kg (6-18D preg) IYKEDH 9,955,78
1T31 scu-rbt TDLo:325 mg/kg (6-18D preg) IYKEDH 9,955,78
1T26 scu-rbt TDLo:975 mg/kg (6-18D preg) IYKEDH 9,955,78

TOXICITY DATA AND REFERENCES:
1F12 orl-rat LD50:668 mg/kg ARZNAD 25,224,75
3F11J16J22 ipr-rat LD50:240 mg/kg IYKEDH 9,643,78
3F11J16J22 scu-rat LD50:1360 mg/kg IYKEDH 9,643,78
3F11J16J22 ivn-rat LD50:50 mg/kg IYKEDH 9,643,78
1F12 orl-mus LD50:463 mg/kg ARZNAD 25,224,75
3F11J16J22 ipr-mus LD50:180 mg/kg IYKEDH 9,643,78
3F11J16J22 scu-mus LD50:750 mg/kg IYKEDH 9,643,78
3F11J16J22 ivn-mus LD50:38 mg/kg IYKEDH 9,643,78
* orl-rbt LD50:900 mg/kg NIIRDN 6,921,82
3F11J16J22 scu-rbt LD50:650 mg/kg IYKEDH 9,643,78
3F11J16J22 ivn-rbt LD50:85 mg/kg IYKEDH 9,643,78
1F12 orl-gpg LD50:272 mg/kg ARZNAD 25,224,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1H-IMIDAZOLE, 1-(1-(2-((3-CHLOROPHENYL)METHOXY)PHENYL)ETHENYL)-, MONOHYDROCHLORIDE (9CI) see: NI4376800

NI4700000 1H-IMIDAZOLE, 2-CYCLOPROPYL-1-METHYL-5-NITRO-
UPDT:8406 CAS: 74550-87-1 MW: 167.19 MOLFM: C7-H9-N3-O2
SYN: 2-CYCLOPROPYL-1-METHYL-5-NITRO-1H-IMIDAZOLE * DA 3851
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/L TCMUD8 3,429,83

NI4766000 IMIDAZOLE, 1-(2-((2,4-DICHLOROBENZYL)OXY)OCTYL)-, OXALATE, dl-
UPDT:8412 MW: 443.36 MOLFM: C18-H22-Cl2-N2-O C2-H2-O4
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 ivg-mky TDLo:2 mg/kg (1D pre) FESTAS 39(Suppl),418,83
1T21 ivg-mky TDLo:200 ug/kg (1D pre) FESTAS 41,455,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI4770000 IMIDAZOLE, 1-(2,4-DICHLORO-beta-((2,4-DICHLOROBENZYL)OXY)PHENETHYL)-
UPDT:8402 CAS: 22916-47-8 MW: 416.14 MOLFM: C18-H14-Cl4-N2-O
SYN: IMIDAZOLE, 1-(2-(2,4-DICHLOROPHENYL)-2-((2,4-DICHLOROPHENYL)METHOXY)ETHYL- (9CI) * MICONAZOLE * R 18134
MUTATION DATA AND REFERENCES:
sln-asn 410 ug/L MUREAV 79,169,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rbt TDLo:3100 mg/kg (1-31D preg) DRUGAY 19,17,80
TOXICITY DATA AND REFERENCES:
3D35F12J26 ipr-rat LD50:349 mg/kg ARZNAD 31,2145,81
3D35F12J26 orl-mus LD50:872 mg/kg ARZNAD 31,2145,81
3D35F12J26 ipr-mus LD50:451 mg/kg ARZNAD 31,2145,81
1G30 ivn-dog LD50:60 mg/kg DRUGAY 19,17,80
1G30 ivn-mam LD50:100 mg/kg DRUGAY 19,7,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI4771000 IMIDAZOLE, 1-(2,4-DICHLORO-beta-((2,4-DICHLOROBENZYL)OXY)PHENETHYL)-, MONONITRATE
UPDT:8305 CAS: 22832-87-7 MW: 479.16 MOLFM: C18-H14-Cl4-N2-O H-N-O3
SYN: 1-(2,4-DICHLORO-beta-((2,4-DICHLOROBENZYL)OXY)PHENETHYL)-IMIDAZOLE NITRATE * MCZ NITRATE * MICONAZOLE NITRATE * R 14889
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T12 orl-rat TDLo:1680 mg/kg (28D pre) IYKEDH 7,353,76
3T53T72T86 orl-rat TDLo:1100 mg/kg (7-17D preg) IYKEDH 7,367,76
1T16 orl-rat TDLo:330 mg/kg (7-17D preg) IYKEDH 7,367,76
2T71T81 orl-rat TDLo:810 mg/kg (17-22D preg/21D post) IYKEDH 7,535,76
1T85 orl-rat TDLo:270 mg/kg (17-22D preg/21D post) IYKEDH 7,535,76
1T25 orl-rbt TDLo:1300 mg/kg (6-18D preg) IYKEDH 7,377,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:920 mg/kg NIIRDN 6,809,82
* ipr-rat LD50:1060 mg/kg NIIRDN 6,809,82
* ivn-rat LD50:14700 ug/kg IYKEDH 11,181,80
3D17F19K06 orl-mus LD50:578 mg/kg CHTHBK 17(6),392,72
* ipr-mus LD50:480 mg/kg NIIRDN 6,809,82
* ivn-mus LD50:28 mg/kg IYKEDH 11,181,80
* orl-gpg LD50:276 mg/kg CHTHBK 17(6),392,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI4772000 IMIDAZOLE, 1-(2,4-DICHLORO-beta-((2,6-DICHLOROBENZYL)OXY)PHENETHYL)-, MONONITRATE
UPDT:8303 CAS: 24168-96-5 MW: 479.16 MOLFM: C18-H14-Cl4-N2-O H-N-O3
SYN: 1-(2-((2,6-DICHLOROBENZYL)OXY)-2-(2,4-DICHLOROPHENYL)ETHYL)IMIDAZOLE NITRATE * 1-(2,4-DICHLORO-beta-(2,6-DICHLOROBENZYLOXY)PHENETHYL)IMIDAZOLE NITRATE * 1H-IMIDAZOLE, 1-(2-(2,4-DICHLOROPHENYL)-2-((2,6-DICHLOROPHENYL)METHOXY)ETHYL)-, MONONITRATE * ISOCONAZOLE NITRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T09 scu-rat TDLo:7500 mg/kg (60D male) IYKEDH 12,762,81
1T35 scu-rat TDLo:630 mg/kg (14D pre/1-7D preg) IYKEDH 12,762,81
1T85 scu-rat TDLo:330 mg/kg (7-17D preg) IYKEDH 12,762,81
1T81 scu-rat TDLo:1620 mg/kg (17-21D preg/21D post) IYKEDH 12,762,81
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5600 mg/kg IYKEDH 13,1128,82
* ipr-rat LD50:720 mg/kg IYKEDH 13,1128,82
* orl-mus LD50:2000 mg/kg IYKEDH 13,1128,82
* ipr-mus LD50:560 mg/kg IYKEDH 13,1128,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI4774000 IMIDAZOLE, 1-(2,4-DICHLORO-beta-(p-METHYLBENZYLOXY)PHENETHYL)-, NITRATE
UPDT:8305 MW: 424.31 MOLFM: C19-H18-Cl2-N2-O H-N-O3
SYN: 1-(2,4-DICHLORO-beta-(p-METHYLBENZYLOXY)PHENETHYL)IMIDAZOLE NITRATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:915 mg/kg IYKEDH 12,933,81
* ipr-rat LD50:240 mg/kg IYKEDH 12,933,81
* scu-rat LD50:1420 mg/kg IYKEDH 12,933,81
* ivn-rat LD50:50 mg/kg IYKEDH 12,933,81
* orl-mus LD50:720 mg/kg IYKEDH 12,933,81
* ipr-mus LD50:180 mg/kg IYKEDH 12,933,81
* scu-mus LD50:840 mg/kg IYKEDH 12,933,81
* ivn-mus LD50:42 mg/kg IYKEDH 12,933,81

1H-IMIDAZOLE, 2-(1-(2,6-DICHLOROPHENOXY)ETHYL)-4,5-DIHYDRO-, MONOHYDROCHLORIDE see: NJ2570000

IMIDAZOLE, 1-(2-(2,4-DICHLOROPHENYL)-2-((2,4-DICHLOROPHENYL)METHOXY)ETHYL- (9CI) see: NI4770000

1H-IMIDAZOLE, 1-(2-(2,4-DICHLOROPHENYL)-2-((2,6-DICHLOROPHENYL)METHOXY)ETHYL)-, MONONITRATE see: NI4772000

NI4803000 IMIDAZOLE, 4-(3,3-DIETHYLTRIAZENO)-5-NITRO-
UPDT:8305 MW: 212.25 MOLFM: C7-H12-N6-O2
SYN: 4-(3,3-DIETHYLTRIAZENO)-5-NITROIMIDAZOLE
TOXICITY DATA AND REFERENCES:
1V30 unk-mam LD50:50 ug/kg PCJOAU 16,203,82

1H-IMIDAZOLE, 4,5-DIHYDRO-2-(1-NAPHTHALENYLMETHYL)-, MONOHYDROCHLORIDE see: NJ4375000

NI4840000 IMIDAZOLE, 4-(2-(DIMETHYLAMINO)ETHYL)-
UPDT:8305 CAS: 673-46-1 MW: 139.23 MOLFM: C7-H13-N3
SYN: 4-(2-DIMETHYLAMINOETHYL)IMIDAZOLE * N,N-DIMETHYLHISTAMINE * N',N'-DIMETHYLHISTAMINE * N(sup alpha),N(sup alpha)-DIMETHYLHISTAMINE * N(sup omega),N(sup omega)-DIMETHYLHISTAMINE * SU-416
MUTATION DATA AND REFERENCES:
dni-hmn:oth 1 umol/L JIDEAE 65,400,75
TOXICITY DATA AND REFERENCES:
2G30H06 ipr-gpg LD50:15 mg/kg AIPTAK 87,33,51

NI5075000 IMIDAZOLE, 1,2-DIMETHYL-5-NITRO-
UPDT:8401 CAS: 551-92-8 MW: 141.15 MOLFM: C5-H7-N3-O2
SYN: 1,2-DIMETHYL-5-NITROIMIDAZOLE * DIMETRIDAZOLE * EMTRYL * EMTRYLVET * EMTRYMIX * 1H-IMIDAZOLE, 1,2-DIMETHYL-5-NITRO- (9CI) * 8595 R.P.
MUTATION DATA AND REFERENCES:
mmo-sat 25 ug/plate MUREAV 38,203,76
mma-sat 50 ug/plate PNASA6 72,5135,75
mmo-esc 100 umol/L MUREAV 26,483,74
mmo-klp 20 umol/L/20H MUREAV 66,207,79
mmo-omi 10 umol/L MUREAV 26,483,74
mmo-smc 500 ppm MUREAV 86,243,81
bfa-rat/sat 800 mg/kg MUREAV 97,171,82
TUMORIGENIC DATA AND REFERENCES:
2V02R60 orl-rat TDLo:50 gm/kg/46W-C JNCIAM 51,403,73
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1H-IMIDAZOLE, 1,2-DIMETHYL-5-NITRO- (9CI) see: NI5075000

NI5155000 IMIDAZOLE, 4,5-DIMETHYL-2-NITRO-
UPDT:8312 CAS: 5213-47-8 MW: 141.15 MOLFM: C5-H7-N3-O2
SYN: 4,5-DIMETHYL-2-NITROIMIDAZOLE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:330 mg/kg AACHAX -,478,65
* ipr-mus LD50:158 mg/kg AACHAX -,478,65
* scu-mus LD50:297 mg/kg AACHAX -,478,65

NI5170000 IMIDAZOLE, 4-(3,3-DIMETHYLTRIAZENO)-5-NITRO-
UPDT:8305 MW: 184.19 MOLFM: C5-H8-N6-O2
SYN: 4-(3,3-DIMETHYLTRIAZENO)-5-NITROIMIDAZOLE
TOXICITY DATA AND REFERENCES:
1V30 unk-mam LD50:50 ug/kg PCJOAU 16,203,82

NI5280000 IMIDAZOLE, 4-(2-(DIPROPYLAMINO)ETHYL)-
UPDT:8305 MW: 195.35 MOLFM: C11-H21-N3
SYN: 4-(2-(DIPROPYLAMINO)ETHYL)IMIDAZOLE * SU-422
TOXICITY DATA AND REFERENCES:
3F07F12J22 ipr-rat LDLo:350 mg/kg AIPTAK 87,33,51

1H-IMIDAZOLE-4-ETHANAMINE see: MS1050000

NI5425000 1H-IMIDAZOLE-4-ETHANAMINE, PHOSPHATE (1:2)
UPDT:8411 CAS: 51-74-1 MW: 307.17 MOLFM: C5-H9-N3 2H3-O4-P
SYN: 4-(2-AMINOETHYL)IMIDAZOLE BIS(DIHYDROGEN PHOSPHATE) * 4-(2-AMINOETHYL)IMIDAZOLE DI-ACID PHOSPHATE * HISTAMINE ACID PHOSPHATE * HISTAMINE DIPHOSPHATE * HISTAMINE, PHOSPHATE (1:2)
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:1781 mg/kg JPETAB 119,444,57
orl-mus LD50:807 mg/kg PSEBAA 122,685,66
3F07F12J22 ivn-mus LD50:445 mg/kg AIPTAK 129,77,60
ivn-gpg LDLo:600 ug/kg JLCMAK 33,325,48
par-gpg LD50:270 ug/kg ARZNAD 20,1574,70
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NI5430000 1H-IMIDAZOLE-4-ETHANAMINE, PHOSPHATE, HYDRATE (1:2:1)
UPDT:8401 CAS: 51-74-1 MW: 325.19 MOLFM: C5-H9-N3 2H3-O4-P H2-O
SYN: 4-(2-AMINOETHYL)IMIDAZOLE BIS(DIHYDROGEN PHOSPHATE) HYDRATE * HISTAMINE DIPHOSPHATE MONOHYDRATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:328 mg/kg ARTODN (Suppl 2),371,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NI5431700 IMIDAZOLEETHANOL, 4-ACETYL-alpha,5-DIMETHYL-2-NITRO-
UPDT:8311 MW: 227.25 MOLFM: C9-H13-N3-O4
SYN: 4-ACETYL-alpha,5-DIMETHYL-2-NITROIMIDAZOLEETHANOL
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:1200 mg/kg JPMSAE 71,1203,82

NI5431800 IMIDAZOLEETHANOL, 4-ACETYL-alpha-METHOXYMETHYL-5-METHYL-2-NITRO-
UPDT:8311 MW: 257.28 MOLFM: C10-H15-N3-O5
SYN: 4-ACETYL-alpha-METHOXYMETHYL-5-METHYL-2-NITROIMIDAZOLEETHANOL
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:1400 mg/kg JPMSAE 71,1203,82

NI5431900 IMIDAZOLE-1-ETHANOL, alpha-((ALLYLOXY)METHYL)-2-NITRO-
UPDT:8402 CAS: 21787-89-3 MW: 227.25 MOLFM: C9-H13-N3-O4
SYN: alpha-((ALLYLOXY)METHYL)-2-NITROIMIDAZOLE-1-ETHANOL * 1-(2-NITRO-1-IMIDAZOLYL)-3-ALLYLOXY-2-PROPANOL
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:707 mg/kg AACHAX -,513,67

NI5432500 1H-IMIDAZOLE-1-ETHANOL, 2-(2-(1,3-BENZODIOXOL-5-YL)ETHENYL)-5-NITRO-
UPDT:8406 CAS: 74550-86-0 MW: 303.30 MOLFM: C14-H13-N3-O5
SYN: 2-(2-(1,3-BENZODIOXOL-5-YL)ETHENYL)-5-NITRO-1H-IMIDAZOLE-1-ETHANOL * DA 3832
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/L TCMUD8 3,429,83

NI5460000 IMIDAZOLE-1-ETHANOL, alpha-(CHLOROMETHYL)-2-METHYL-5-NITRO-
UPDT:8406 CAS: 16773-42-5 MW: 219.65 MOLFM: C7-H10-Cl-N3-O3
SYN: 1-(3-CHLORO-2-HYDROXYPROPYL)-2-METHYL-5-NITROIMIDAZOLE * alpha-(CHLORMETHYL)-2-METHYL-5-NITRO-IMIDAZOL-1-AETHANOL (German) * alpha-(CHLOROMETHYL)-2-METHYL-5-NITRO-1H-IMIDAZOLE-1-ETHANOL (9CI) * 1H-IMIDAZOLE-1-ETHANOL, alpha-(CHLOROMETHYL)-2-METHYL-5-NITRO- (9CI) * ORNIDAZOLE * RO 7-0207 * TIBERAL
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 58,1,78
mmo-esc 20 umol/L MUREAV 48,155,77
mmo-klp 50 umol/L/20H MUREAV 66,207,79

	mmo-omi 20 umol/L	MUREAV 48,155,77
	hma-mus/sat 50 mg/kg	MUREAV 86,243,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T01T23	unk-rat TDLo:5600 mg/kg (14D male)	TOXID9 4,81,84

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1780 mg/kg	ARZNAD 28,612,78
*	orl-mus LD50:1139 mg/kg	ARZNAD 28,612,78
*	ipr-mus LD50:1120 mg/kg	ARZNAD 28,612,78
*	ivn-mus LD50:375 mg/kg	ARZNAD 28,612,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1H-IMIDAZOLE-1-ETHANOL, alpha-(CHLOROMETHYL)-2-METHYL-5-NITRO- (9CI) see: NI5460000

NI5488000 1H-IMIDAZOLE-2-ETHANOL, 4,5-DIHYDRO-alpha-((1-NAPHTHALENYLOXY)METHYL)-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 36129-16-5 MW: 306.82 MOLFM: C16-H18-N2-O2 Cl-H

TOXICITY DATA AND REFERENCES:

3F07F12J26	ivn-mus LD50:59 mg/kg	GWXXBX #2132113

NI5566000 IMIDAZOLE-1-ETHANOL, alpha-(FLUOROMETHYL)-2-NITRO-
UPDT:8408 CAS: 13551-89-8 MW: 199.17 MOLFM: C6-H8-F-N3-O3
SYN: alpha-(FLUOROMETHYL)-2-NITROIMIDAZOLE-1-ETHANOL * RO-07-0741 * SR 1369

MUTATION DATA AND REFERENCES:

	mmo-sat 1 nmol/plate	MUREAV 58,1,78
	otr-mus:emb 1 mmol/L/3D-C	45OJAG -,146,80

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

NI5572000 IMIDAZOLE-1-ETHANOL, alpha-(METHOXYMETHYL)-2-NITRO-
UPDT:8406 CAS: 13551-87-6 MW: 201.21 MOLFM: C7-H11-N3-O4
SYN: alpha-(METHOXYMETHYL)-2-NITRO-1H-IMIDAZOLE-1-ETHANOL * MISONIDAZOLE * NSC-261,037 * 1-(2-NITROIMIDAZOL-1-YL)-3-METHOXYPROPAN-2-OL * Ro 7-0582 * SR 1354 * SRI 1354

MUTATION DATA AND REFERENCES:

	mmo-sat 1 nmol/plate	MUREAV 58,1,78
	mmo-esc 5 umol/L	BJCAAI 37,60,78
	mma-esc 100 mg/L	BJCAAI 37(Suppl 3),124,78
	dnr-esc 10 umol/L	CCTRDH 3,69,80
	dnd-ham:fbr 15 mmol/L	BJCSB5 3,54,78
	otr-mus:emb 1 mmol/L/24H-C	IOBPD3 6,915,80
	oms-mus-ipr 500 mg/kg	CNREA8 40,2165,80
	dnd-mus-ipr 500 mg/kg	CNREA8 40,2165,80
	dnd-mus:lym 5 mmol/L/1H-C	BJCAAI 40,94,79
	dnd-mus:fbr 300 umol/L	BJCAAI 37(Suppl 3),124,78
	dni-mus:lym 5 mmol/L/4H-C	BJCAAI 40,94,79
	cyt-mus-ipr 1 gm/kg	CNREA8 43,2210,83
	cyt-mus:emb 6 mmol/L	IOBPD3 6,915,80
	sce-mus-ipr 1 gm/kg	CNREA8 43,2210,83
	sce-mus:emb 3 mmol/L	IOBPD3 6,915,80
	dnd-ham:ovr 15 mmol/L	BJCSB5 3,54,78
	dnd-ham:oth 15 mmol/L	BJCSB5 3,54,78
	dni-ham:lng 1 mmol/L/6D-C	BJCAAI 40,94,79
	oms-ham:lng 5 mmol/L	MUREAV 78,289,80
	cyt-ham:lng 5 mmol/L	CNREA8 38,644,78
	sce-ham:lng 5 mmol/L	MUREAV 78,289,80
	dnd-mam:lym 5 mmol/L	CNREA8 40,2165,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T41T42T43	ipr-mus TDLo:670 mg/kg (8D preg)	BJRAAP 54,154,81
1T46	ipr-mus TDLo:670 mg/kg (8D preg)	BJRAAP 54,154,81
2T25T34	ipr-mus TDLo:1 gm/kg (8D preg)	BJRAAP 54,154,81

TOXICITY DATA AND REFERENCES:

2C08F07	orl-rat LD50:2131 mg/kg	NTIS** PB81-121212
*	orl-mus LD50:3363 mg/kg	AACHAX -,513,67
*	ipr-mus LD50:1414 mg/kg	AACHAX -,513,67
*	scu-mus LD50:1414 mg/kg	AACHAX -,513,67
*	unk-mus LD50:1300 mg/kg	JPMSAE 71,1203,82

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI5585000 1H-IMIDAZOLE-1-ETHANOL, 2-METHYL-alpha-((2-METHYL-5-NITRO-1H-IMIDAZOL-1-YL)METHYL)-5-NITRO-
UPDT:8406 CAS: 74550-92-8 MW: 310.31 MOLFM: C11-H14-N6-O5
SYN: DA 3853 * 2-METHYL-alpha-((2-METHYL-5-NITRO-1H-IMIDAZOL-1-YL)METHYL)-5-NITRO-1H-IMIDAZOLE-1-ETHANOL

MUTATION DATA AND REFERENCES:

	mmo-sat 1 umol/L	TCMUD8 3,429,83

NI5600000 IMIDAZOLE-1-ETHANOL, 2-METHYL-5-NITRO-
UPDT:8412 CAS: 443-48-1 MW: 171.18 MOLFM: C6-H9-N3-O3
SYN: ACROMONA * ANAGIARDIL * ATRIVYL * BAYER 5360 * BEXON * CLONT * CONT * DANIZOL * DEFLAMON-WIRKSTOFF * EFLORAN * ELYZOL * ENTIZOL * 1-(beta-ETHYLOL)-2-METHYL-5-NITRO-3-AZAPYRROLE * EUMIN * FLAGEMONA * FLAGESOL * FLAGIL * FLAGYL * FLEGYL * GIATRICOL * GINEFLAVIR * 1-(beta-HYDROXYETHYL)-2-METHYL-5-NITROIMIDAZOLE * 1-(2-HYDROXYETHYL)-2-METHYL-5-NITROIMIDAZOLE * 1-HYDROXYETHYL-2-METHYL-5-NITROIMIDAZOLE * 1-(2-HYDROXY-1-ETHYL)-2-METHYL-5-NITROIMIDAZOLE * KLION * MERONIDAL * 2-METHYL-1-(2-HYDROXYETHYL)-5-NITROIMIDAZOLE * 2-METHYL-3-(2-HYDROXYETHYL)-4-NITROIMIDAZOLE * 2-METHYL-5-NITROIMIDAZOLE-1-ETHANOL * METRONIDAZ * METRONIDAZOL * METRONIDAZOLE * METRONIDAZOLO * MONAGYL * NALOX * NEO-TRIC * NIDA * NOVONIDAZOL * NSC 50364 * ORVAGIL * RP 8823 * SANATRICHOM * SC 10295 * TAKIMETOL * TRICHAZOL * TRICHEX * TRICHOCIDE * TRICHOMOL * TRICHOMONACID 'PHARMACHIM' * TRICHOPAL * TRICHOPOL * TRICOCET * TRICOM * TRICOWAS B * TRIKACIDE * TRIKAMON * TRIKOJOL * TRIKOZOL * TRIMEKS * TRIVAZOL * VAGILEN * VAGIMID * VERTISAL

MUTATION DATA AND REFERENCES:

	mmo-sat 25 ug/plate	MUREAV 38,203,76
	mmo-sat 250 ug/plate	PNASA6 72,5135,75
	mmo-esc 100 umol/L	JEPTDQ 2(3),657,79
	mma-esc 100 mg/L	BJCAAI 37(Suppl 3),124,78
	dnr-esc 20 mg/L	AEMIDF 36,794,78
	dnd-esc 2 umol	MOPMA3 13,872,77
	dnr-bcs 20 uL/disc	MUREAV 97,1,82
	mmo-klp 5 umol/L/20H	MUREAV 66,207,79
	mmo-omi 25 umol/L	MUREAV 26,483,74
	dnd-omi 7400 mg/L	BCPCA6 23,1421,74
	dni-omi 1 mg/L	BCPCA6 23,1421,74
	oms-omi 1 mg/L	BCPCA6 23,1421,74
	dni-omi 5 mg/L	BCPCA6 23,1421,74
	oms-omi 5 mg/L	BCPCA6 23,1421,74
	dni-omi 5 mg/L	BCPCA6 23,1421,74
	oms-omi 5 mg/L	BCPCA6 23,1421,74
	mmo-nsc 8800 mg/L	JEPTDQ 2(4),1109,79
	bfa-hmn/sat 10 mg/kg	MUREAV 77,357,80
	cyt-hmn-unk 86 mg/kg/30D	LANCAO 2,802,76
	cyt-hmn:lym 500 mg/L	ENMUDM 6,467,84
	dnd-rat:lvr 3 mmol/L	SinJF# 26OCT82
	bfa-rat/sat 800 mg/kg	MUREAV 97,171,82
	dnd-mus:lym 30 mmol/L/4H-C	BJCAAI 40,94,79
	dnd-mus:fbr 300 umol/L	BJCAAI 37(Suppl 3),124,78
	dni-mus:lym 30 mmol/L/1H-C	BJCAAI 40,94,79
	dni-mus:oth 100 mg/L	ONCODU 19,183,80
	bfa-mus/sat 1470 mg/kg	MUREAV 77,117,80
	hma-mus/sat 400 mg/kg/5D	SCIEAS 188,1118,75
	dni-ham:lng 1 mmol/L/6D-C	BJCAAI 40,94,79
	cyt-ham:lng 10 mmol/L	MUREAV 78,201,80
	dnd-mam:lym 60 umol/L	MOPMA3 13,872,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:3750 mg/kg (30D male)	OYYAA2 8,1089,74
1T13	unk-rat TDLo:750 mg/kg (30D pre)	RPHRA6 20,395,64
2T35T59	ipr-mus TDLo:60 mg/kg (8-14D preg)	TOLED5 19,37,83

TUMORIGENIC DATA AND REFERENCES:

3V01L60R60	orl-rat TDLo:219 gm/kg/2Y-C	JJIND8 63,863,79
3V01J60P62	orl-mus TDLo:181 gm/kg/72W-C	JNCIAM 48,721,72
3V03R60T64	orl-rat TD :27 gm/kg/35W-C	JNCIAM 51,403,73
3V02J60P62	orl-mus TD :8 gm/kg/14W-C	TUMOAB 69,379,83

TOXICITY DATA AND REFERENCES:

3L12L30U25	orl-man TDLo:3570 ug/kg/D	JAMAAP 193,1128,65
2C10C18	orl-man TDLo:1030 mg/kg/8W	BMJOAE 2(6087),610,77
3F07J24U26	orl-rat LD50:3 gm/kg	OYYAA2 8,1089,74
	orl-mus LD50:3800 mg/kg	JMCMAR 20,1522,77
3F07F11F12	ipr-mus LD50:2980 mg/kg	OYYAA2 8,1089,74
3F07F11F12	scu-mus LD50:3640 mg/kg	OYYAA2 8,1089,74

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JACHDX 3,205,77; ADCMAZ 3,39,68
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 13,113,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI5604000 IMIDAZOLE-1-ETHANOL, 2-METHYL-5-NITRO-, reduced
UPDT:8307
SYN: METRONIDAZOLE, reduced

MUTATION DATA AND REFERENCES:

	dnd-mam:lym 100 umol/L	BCPCA6 27,2089,78

1H-IMIDAZOLE-1-ETHANOL, 2-METHYL-5-NITRO-, METHANESULFONATE (ester) (9CI) see: NI5635000

NI5635000 IMIDAZOLE-1-ETHANOL, 2-METHYL-5-NITRO-, METHANESULFONATE (ester)
UPDT:8406 CAS: 30746-54-4 MW: 249.27 MOLFM: C7-H11-N3-O5-S
SYN: 1H-IMIDAZOLE-1-ETHANOL, 2-METHYL-5-NITRO-, METHANESULFONATE (ester) (9CI) * 2-METHYL-5-NITROIMIDAZOLE-1-ETHANOL METHANESULFONATE (ester) * MY 40/20

MUTATION DATA AND REFERENCES:

	mmo-sat 1 umol/L	TCMUD8 3,429,83

NI5683000 IMIDAZOLE-1-ETHANOL, alpha-(p-PHENETHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 MW: 328.87 MOLFM: C19-H20-N2-O Cl-H
SYN: DENZIMOL HYDROCHLORIDE * alpha-(p-PHENETHYLPHENYL)-1-IMIDAZOLEETHANOL MONOHYDROCHLORIDE * N-(beta-(4-(beta-PHENYLETHYL)PHENYL)-beta-HYDROXYETHYL)IMIDAZOLE HYDROCHLORIDE * REC 15-1533

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:332 mg/kg	ARZNAD 33,1155,83
*	ivn-rat LD50:22 mg/kg	ARZNAD 33,1155,83
1F02	orl-mus LD50:434 mg/kg	JMCMAR 24,727,81
3F04F05F18	ipr-mus LD50:246 mg/kg	ARZNAD 33,1168,83
3F12J26R21	ivn-mus LD50:46 mg/kg	ARZNAD 33,1168,83
*	ivn-rbt LD50:22400 ug/kg	ARZNAD 33,1168,83

IMIDAZOLE-4-ETHYLAMINE see: MS1050000
4-IMIDAZOLEETHYLAMINE see: MS1050000
5-IMIDAZOLEETHYLAMINE see: MS1050000

NI6128000 IMIDAZOLE, 4-(2-(ETHYLAMINO)ETHYL)-
UPDT:8305 MW: 139.23 MOLFM: C7-H13-N3
SYN: 4-(2-(ETHYLAMINO)ETHYL)IMIDAZOLE * SU-415

TOXICITY DATA AND REFERENCES:

2G30I15	ipr-gpg LD50:15 mg/kg	AIPTAK 87,33,51

NI6130000 IMIDAZOLE, 4-(ETHYLAMINOMETHYL)-
UPDT:8305 MW: 125.20 MOLFM: C6-H11-N3
SYN: 4-(ETHYLAMINOMETHYL)IMIDAZOLE * SU-358

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:150 mg/kg	AIPTAK 87,33,51

NI6255000 IMIDAZOLE, 1-(2-(ETHYLSULFONYL)ETHYL)-2-METHYL-5-NITRO-
UPDT:8408 CAS: 19387-91-8 MW: 247.30 MOLFM: C8-H13-N3-O4-S
SYN: 1-(2-(ETHYLSULFONYL)-ETHYL)-2-METHYL-5-NITROIMIDAZOLE * 1H-IMIDAZOLE, 1-(2-(ETHYLSULFONYL)ETHYL)-2-METHYL-5-NITRO- * TINIDAZOLE

MUTATION DATA AND REFERENCES:

	mmo-sat 50 ug/plate	MUREAV 77,301,80
	mmo-sat 1600 nmol/L	MUREAV 57,97,78
	mmo-esc 20 umol/L	MUREAV 48,155,77
	mmo-klp 50 umol/L/20H	MUREAV 66,207,79
	mmo-omi 20 umol/L	MUREAV 48,155,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	orl-rat TDLo:3 gm/kg (9-14D preg)	OYYAA2 8,421,74
1T46	orl-rat TDLo:12 gm/kg (9-14D preg)	OYYAA2 8,421,74
1T02	orl-rat TDLo:5460 mg/kg (91D male)	OYYAA2 8,1089,74
1T13	orl-rat TDLo:5460 mg/kg (91D pre)	OYYAA2 8,1089,74
1T34	orl-mus TDLo:3 gm/kg (7-12D preg)	OYYAA2 8,421,74
1T46	orl-mus TDLo:15 gm/kg (7-12D preg)	OYYAA2 8,421,74

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2710 mg/kg	IYKEDH 11,811,80
*	ipr-rat LD50:2720 mg/kg	IYKEDH 11,811,80
*	scu-rat LD50:3000 mg/kg	IYKEDH 11,811,80
	orl-mus LD50:3200 mg/kg	JMCMAR 21,781,78
*	ipr-mus LD50:2730 mg/kg	IYKEDH 11,811,80
*	scu-mus LD50:3940 mg/kg	IYKEDH 11,811,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1H-IMIDAZOLE, 1-(2-(ETHYLSULFONYL)ETHYL)-2-METHYL-5-NITRO- see: NI6255000

NI6259400 1H-IMIDAZOLE, 2-((5-FLUORO-2-METHOXYPHENYL)AZO)-
UPDT:8303 MW: 220.23 MOLFM: C10-H9-F-N4-O
SYN: 2-((5-FLUORO-2-METHOXYPHENYL)AZO)-1H-IMIDAZOLE * 2-((2-METHOXY-5-FLUOROPHENYL)AZO)-1H-IMIDAZOLE * 2-((2-METHOXY-5-FLUORPHENYL)AZO)-1H-IMIDAZOL (German)

TOXICITY DATA AND REFERENCES:

3G09H01M10	orl-mus LD50:462 mg/kg	GWXXBX #3028927
3G09H01M10	ipr-mus LD50:322 mg/kg	GWXXBX #3028927

IMIDAZOLE 2-HYDROXYBENZOATE see: VO3990000

NI6450000 1H-IMIDAZOLE, 2-ISOPROPYL-1-METHYL-5-NITRO-
UPDT:8408 CAS: 14885-29-1 MW: 169.21 MOLFM: C7-H11-N3-O2
SYN: IPRONIDAZOLE * IPROPRAN * 2-ISOPROPYL-1-METHYL-5-NITROIMIDAZOLE * 1-METHYL-2-(1-METHYLETHYL)-5-NITRO-1H-IMIDAZOLE * RO 7-1554

MUTATION DATA AND REFERENCES:

	mmo-sat 1 umol/L	TCMUD8 3,429,83
	mmo-esc 50 umol/L	MUREAV 48,155,77

mmo-klp 20 umol/L/20H MUREAV 66,207,79
mmo-omi 20 umol/L MUREAV 48,155,77
mmo-smc 5 ppm MUREAV 86,243,81
TOXICITY DATA AND REFERENCES:
1F07 orl-trk LD50:640 mg/kg POSCAL 49,92,70

NI6710000 IMIDAZOLE-4-METHANOL, BENZOATE (ester), MONOHYDROCHLORIDE
UPDT:8307 CAS: 18429-73-7 MW: 238.69 MOLFM: C11-H10-N2-O2 Cl-H
SYN: BENZOIC ACID, IMIDAZOL-4-YLMETHYL ESTER, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3E16F05F17 ipr-mus LD50:1000 mg/kg PCJOAU 2,360,68
IMIDAZOLE-4-METHANOL, p-CHLOROBENZOATE (ester), HYDROCHLORIDE see: DG5065000
IMIDAZOLE-4-METHANOL, ISONICOTINATE (ester), DIHYDROCHLORIDE see: NS1900000

NI6801000 IMIDAZOLE-2-METHANOL, 1-METHYL-5-NITRO-
UPDT:8406 MW: 157.15 MOLFM: C5-H7-N3-O3
SYN: 1-METHYL-2-HYDROXYMETHYL-5-NITROIMIDAZOLE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/L TCMUD8 3,429,83
mmo-klp 10 umol/L/20H MUREAV 66,207,79

NI6803000 IMIDAZOLE-2-METHANOL, 1-METHYL-5-NITRO-, CARBAMATE (ester)
UPDT:8412 CAS: 7681-76-7 MW: 200.18 MOLFM: C6-H8-N4-O4
SYN: DUGRO * 1H-IMIDAZOLE-2-METHANOL, 1-METHYL-5-NITRO-, CARBAMATE (ester) * 1-METHYL-5-NITRO-1H-IMIDAZOLE-2-METHANOL CARBAMATE ESTER (9CI) * RIDAZOLE * RIDZOL P * RONIDAZOLE
MUTATION DATA AND REFERENCES:
mmo-sat 3 ug/plate CBINA8 49,27,84
mma-sat 3 ug/plate CBINA8 49,27,84
mmo-esc 10 umol/L MUREAV 26,483,74
mmo-klp 100 umol/L MUREAV 29,240,75
mmo-omi 10 umol/L MUREAV 26,483,74
mmo-smc 500 ppm MUREAV 86,243,81
mnt-mus-orl 250 mg/kg/5D MUREAV 40,289,76
cyt-mus-orl 50 mg/kg MUREAV 40,289,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
1H-IMIDAZOLE-2-METHANOL, 1-METHYL-5-NITRO-, CARBAMATE (ester) see: NI6803000

NI6815000 IMIDAZOLE-5-METHANOL, 2-NITRO-alpha,alpha-1-TRIMETHYL-, 5-PHENYLCARBONATE
UPDT:8408 CAS: 64323-88-2 MW: 305.32 MOLFM: C14-H15-N3-O5
SYN: CARBONIC ACID, 1-METHYL-1-(1-METHYL-2-NITRO-1H-IMIDAZOL-5-YL)ETHYL PHENYL ESTER * 2-NITRO-alpha,alpha,1-TRIMETHYLIMIDIZOLE-5-METHANOL, 5-PHENYLCARBONATE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:3250 mg/kg JMCMAR 21,781,78
IMIDAZOLE-4-METHANOL, SALICYLATE (ester), HYDROCHLORIDE see: VO4050000
IMIDAZOLE-4-METHANOL, p-TOLUATE (ester), HYDROCHLORIDE see: XU2030000
IMIDAZOLE-4-METHANOL, 3,4,5-TRIMETHOXYBENZOATE (ester), HYDROCHLORIDE see: DI0750000

NI6890000 1H-IMIDAZOLE, 2-((2-METHOXYPHENYL)AZO)-
UPDT:8303 MW: 201.23 MOLFM: C10-H9-N4-O
SYN: 2-((2-METHOXYPHENYL)AZO)-1H-IMIDAZOLE
TOXICITY DATA AND REFERENCES:
3G09H01M10 orl-mus LD50:1010 mg/kg GWXXBX #3028927
3G09H01M10 ipr-mus LD50:630 mg/kg GWXXBX #3028927
IMIDAZOLE, 1-METHYL-2-MERCAPTO- see: NI8615000

NI7500000 IMIDAZOLE, 1-METHYL-2-NITRO-
UPDT:8312 CAS: 1671-82-5 MW: 127.12 MOLFM: C4-H5-N3-O2
SYN: 1-METHYL-2-NITROIMIDAZOLE
MUTATION DATA AND REFERENCES:
mmo-esc 5 umol/L BJCAAI 37,60,78
TOXICITY DATA AND REFERENCES:
orl-mus LD50:126 mg/kg JMCMAR 12,775,69
* ipr-mus LD50:126 mg/kg AACHAX -,478,65
* scu-mus LD50:158 mg/kg AACHAX -,478,65
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADCMAZ 3,39,68

NI7535000 IMIDAZOLE, 2-METHYL-4-NITRO-
UPDT:8408 CAS: 696-23-1 MW: 127.12 MOLFM: C4-H5-N3-O2
SYN: MENIDAZOLE * 2-METHYL-4-NITROIMIDAZOLE * RP 8532
MUTATION DATA AND REFERENCES:
mmo-klp 10 mmol/L MUREAV 29,240,75

NI7562500 IMIDAZOLE, 5-METHYL-4-NITRO-
UPDT:8408 MW: 127.12 MOLFM: C4-H5-N3-O2
SYN: 5-METHYL-4-NITROIMIDAZOLE
MUTATION DATA AND REFERENCES:
mmo-klp 100 umol/L MUREAV 29,240,75
IMIDAZOLE MUSTARD see: NI3930000

NI7850000 IMIDAZOLE, 4-(2-(2-NAPHTHYLOXY)ETHYL)-
UPDT:8305 MW: 238.31 MOLFM: C15-H14-N2-O
SYN: 4-(2-(2-NAPHTHYLOXY)ETHYL)IMIDAZOLE * SU-435
TOXICITY DATA AND REFERENCES:
3F07F12J26 ipr-rat LDLo:100 mg/kg AIPTAK 87,33,51

NI7875000 IMIDAZOLE, 2-NITRO-
UPDT:8405 CAS: 527-73-1 MW: 113.09 MOLFM: C3-H3-N3-O2
SYN: 11A * AZOMYCIN * 2-NITRO-1H-IMIDAZOLE * 2-NITROIMIDAZOLE
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 58,1,78
mmo-omi 1 mg/plate JGAMA9 11,129,65
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:316 mg/kg AACHAX -,478,65
* ipr-mus LD50:80 mg/kg 85ERAY 1,745,78
* scu-mus LD50:316 mg/kg AACHAX -,478,65
ivn-mus LD50:80 mg/kg JAJAAA 6,182,53
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADCMAZ 3,39,68
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NI7961500 IMIDAZOLE, 2-NITRO-1-(p-NITROBENZYL)-
UPDT:8402 CAS: 10598-82-0 MW: 248.22 MOLFM: C10-H8-N4-O4
SYN: 1-(p-NITROBENZYL)-2-NITROIMIDAZOLE * 2-NITRO-1-(p-NITROBENZYL)IMIDAZOLE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg AACHAX -,513,67
* ipr-mus LD50:707 mg/kg AACHAX -,513,67
* scu-mus LD50:1320 mg/kg AACHAX -,513,67

NI8280000 IMIDAZOLE-4-PROPIONIC ACID, alpha-AMINO-alpha-(FLUOROMETHYL)-
UPDT:8401 MW: 187.20 MOLFM: C7-H10-F-N3-O2
SYN: alpha-AMINO-alpha-(FLUOROMETHYL)IMIDAZOLE-4-PROPIONIC ACID * alpha-MONOFLUOROMETHYLHISTIDINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T83 scu-mus TDLo:1 gm/kg (12-21D preg) CCPTAY 26,535,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
IMIDAZOLE compd. with SALICYLIC ACID see: VO3990000

NI8615000 IMIDAZOLE-2-THIOL, 1-METHYL-
UPDT:8408 CAS: 60-56-0 MW: 114.18 MOLFM: C4-H6-N2-S
SYN: BASOLAN * DANANTIZOL * FAVISTAN * FRENTIROX * IMIDAZOLE, 1-METHYL-2-MERCAPTO- * IMIDAZOLE-2-THIO, 1-METHYL- * MERCAPTAZOLE * 2-MERCAPTO-1-METHYLIMIDAZOLE * MERCASOLYL * MERCAZOLE * MERKAZOLIL * MERCAZOLYL * METAZOLO * METHAMAZOLE * METHIAMAZOLE * METHIMAZOL * METHIMAZOLE * 1-METHYLIMIDAZOLE-2-THIOL * METHYLMERCAPTOIMIDAZOLE * 1-METHYL-2-MERCAPTOIMIDAZOLE * METIZOL * METOTHYRINE * 1-METYLO-2-MERKAPTOIMIDAZOLEM (Polish) * STRUMAZOLE * TAPAZOLE * TAPUZOLE * THACAPZOL * THIAMAZOLE * THIMAZOLE * THYCAPSOL * THYCAPZOL * USAF EL-30
MUTATION DATA AND REFERENCES:
cyt-mus:mmr 3200 umol/L/24H-C JTSCDR 5,141,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T83 orl-rat TDLo:600 mg/kg (15-22D preg/7D post) TJADAB 29(2),48,84
2T41T52 orl-rat TDLo:320 mg/kg (17-22D preg/10D post) APTOD9 19,A30,80
3T16T71T72 orl-rat TDLo:1100 mg/kg (1-22D preg) PIAIA9 72,462,65
2T81T85 orl-rat TDLo:160 mg/kg (17-22D preg/10D post) TJADAB 27,79A,83
1T86 orl-rat TDLo:567 mg/kg (17-22D preg/10D post) TXAPA9 63,133,82
2T81T85 orl-mus TDLo:320 mg/kg (16-21D preg/10D post) TJADAB 27,71A,83
TUMORIGENIC DATA AND REFERENCES:
3V02J60N62 orl-rat TDLo:1100 mg/kg/2Y-C FCTXAV 11,649,73
3V02J60N62 orl-mus TDLo:33 gm/kg/1Y-C CANCAR 40,2188,77
2V02N62 orl-rat TD :2700 mg/kg/26W-C CRSBAW 174,268,80
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2250 mg/kg NIIRDN 6,447,82
* scu-rat LD50:1050 mg/kg FRPSAX 14,54,59
* orl-mus LD50:860 mg/kg NIIRDN 6,447,82
ipr-mus LD50:500 mg/kg NTIS** AD277-689
* scu-mus LD50:345 mg/kg NIIRDN 6,447,82
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PCNAA8 8,413,61
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
IMIDAZOLE-2-THIO, 1-METHYL- see: NI8615000
IMIDAZOLE-2(3H)-THIONE, 4,5-DIHYDRO- see: NI9625000

NI8665000 IMIDAZOLE, 2,4,5-TRIBROMO-, CADMIUM SALT (2:1)
UPDT:7903 CAS: 73941-35-2 MW: 719.96 MOLFM: C6-Br6-N4 Cd
SYN: CADMIUM SALT OF 2,4,5-TRIBROMOIMIDAZOLE * 2,4,5-TRIBROMOIMIDAZOLE CADMIUM SALT (2:1)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#06532
REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 DTLVS* 4,59,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**

NI8700000 IMIDAZOLE, N-(TRIMETHYLSILYL)-
UPDT:8401 CAS: 18156-74-6 MW: 140.29 MOLFM: C6-H12-N2-Si
SYN: IMIDAZOLE, 1-(TRIMETHYLSILYL)- * 1H-IMIDAZOLE, 1-(TRIMETHYLSILYL)- (9CI) * N-(TRIMETHYLSILYL)IMIDAZOL * (TRIMETHYLSILYL)IMIDAZOLE * N-(TRIMETHYLSILYL)-IMIDAZOLE * 1-(TRIMETHYLSILYL)IMIDAZOLE * TSIM
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:1000 mg/kg/I JNCIAM 54,495,75
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:750 mg/kg StoGD# 27May75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
IMIDAZOLE, 1-(TRIMETHYLSILYL)- see: NI8700000
1H-IMIDAZOLE, 1-(TRIMETHYLSILYL)- (9CI) see: NI8700000
IMIDAZOL-2-HYDROXYBENZOAT (German) see: VO3990000

NI8715000 4-IMIDAZOLIDINEACETIC ACID, 1-(3-(DIMETHYLAMINO)PROPYL)-5-OXO-2-THIOXO-, HYDROCHLORIDE
UPDT:8402 MW: 295.82 MOLFM: C10-H17-N3-O3-S Cl-H
SYN: 1-(3-(DIMETHYLAMINO)PROPYL)-5-OXO-2-THIOXO-4-IMIDAZOLINEACETIC ACID HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg FRPSAX 38,383,83

NI8870000 1-IMIDAZOLIDINECARBOXAMIDE, 3-(3,5-DICHLOROPHENYL)-N-(1-METHYLETHYL)-2,4-DIOXO-
UPDT:8309 CAS: 36734-19-7 MW: 330.19 MOLFM: C13-H13-Cl2-N3-O3
SYN: CHIPCO 26019 * GLYCOPHEN * GLYCOPHENE * IPRODIONE * 1-ISOPROPYL CARBAMOYL-3-(3,5-DICHLOROPHENYL) HYDANTOIN * LFA 2043 * MRC 910 * PROMIDIONE * ROP 500 F * ROVRAL * RP 26019
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4400 mg/kg FMCHA2 -,C132,83
* orl-mus LD50:4000 mg/kg FMCHA2 -,C132,83
2,4-IMIDAZOLIDINEDIONE (9CI) see: MT8210000

NI9451670 2-IMIDAZOLIDINONE, (2-CHLOROPHENYL)HYDRAZONE, MONOHYDROCHLORIDE
UPDT:8402 CAS: 69135-44-0 MW: 247.15 MOLFM: C9-H11-Cl-N4 Cl-H
SYN: 2-(2-(2-CHLOROPHENYL)HYDRAZINO)-4,5-DIHYDRO-1H-IMIDAZOLE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:167 mg/kg USXXAM #4117146

NI9451700 2,4-IMIDAZOLIDINEDIONE, 1-(((5-(3,4-DICHLOROPHENYL)-2-FURANYL)METHYLENE)AMINO)-, SODIUM SALT
UPDT:8312 CAS: 68095-04-5 MW: 361.15 MOLFM: C14-H9-Cl2-N3-O3 Na
SYN: CLODANOLENE SODIUM
TOXICITY DATA AND REFERENCES:
1F18 ipr-mus LD50:742 mg/kg ARZNAD 28,1100,78
2,4-IMIDAZOLIDINEDIONE, 5,5-DIMETHYL- see: MU0977000
2,4-IMIDAZOLIDINEDIONE, 5,5-DIMETHYL-1,3-BIS(OXIRANYLMETHYL)- (9CI) see: MT9190500
2,4-IMIDAZOLIDINEDIONE, 5,5-DIPHENYL-, MONOSODIUM SALT see: MU1400000
2,4-IMIDAZOLIDINEDIONE, 5-ETHYL-3-METHYL-5-PHENYL- see: MU2275000
2,4-IMIDAZOLIDINEDIONE, 5-(1-ETHYLPENTYL)-3-((TRICHLOROMETHYL)THIO)- (9CI) see: MU2400000
2,4-IMIDAZOLIDINEDIONE, 1-(((5-NITRO-2-FURANYL)METHYLENE)AMINO)- see: MU2800000
2,4-IMIDAZOLIDENEDIONE, 1-((3-(5-NITRO-2-FURANYL)-2-PROPENYLIDENE)AMINO)-, POTASSIUM SALT see: MU3871000
2,4-IMIDAZOLIDINEDIONE, 1-(((5-(4-NITROPHENYL)-2-FURANYL)METHYLENE)AMINO)-, SODIUM SALT see: MU3875000

NI9507000 IMIDAZOLIDINE, 2-(p-METHOXYPHENYL)-1-METHYL-
UPDT:8305 MW: 192.29 MOLFM: C11-H16-N2-O
SYN: 2-(p-METHOXYPHENYL)-1-METHYLIMIDAZOLIDINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg EJMCA5 17,235,82

NI9560000 4-IMIDAZOLIDINEPROPIONIC ACID, 1-(3-(DIMETHYLAMINO)PROPYL)-5-OXO-2-THIOXO-, ETHYL ESTER, HYDROCHLORIDE
UPDT:8311 MW: 336.90 MOLFM: C13-H22-N3-O3-S Cl-H

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1700 mg/kg	FRPSAX 38,383,83

NI9625000 2-IMIDAZOLIDINETHIONE

UPDT:8412 CAS: 96-45-7 MW: 102.17 MOLFM: C3-H6-N2-S

SYN: 4,5-DIHYDROIMIDAZOLE-2(3H)-THIONE * ETHYLENE THIOUREA * N,N'-ETHYLENETHIOUREA * 1,3-ETHYLENE-2-THIOUREA * ETU * IMIDAZOLE-2(3H)-THIONE, 4,5-DIHYDRO- * 1,ETHYLENE THIOUREE (French) * NA-22 * NA-22-D * NCI-C03372 * PENNAC CRA * RCRA WASTE NUMBER U116 * SODIUM-22 NEOPRENE ACCELERATOR * 2-THIOL-DIHYDROGLYOXALINE * UREA, 1,3-ETHYLENE-2-THIO- * WARECURE C

MUTATION DATA AND REFERENCES:

	mmo-sat 1 mmol/L	EXPEAM 31,214,75
	mma-sat 5000 ug/plate	MUREAV 56,121,77
	dnr-sat 20 mg/plate	MUREAV 38,122,76
	mma-esc 200 mg/L	PMRSDJ 1,396,81
	dnr-esc 500 mg/L	PMRSDJ 1,195,81
	pic-esc 10 gm/L	PMRSDJ 1,224,81
	dnd-bcs 2 mg/disc	PMRSDJ 1,175,81
	mmo-smc 5 mmol/L	MGGEAE 174,39,79
	dnr-smc 300 mg/L	PMRSDJ 1,502,81
	mrc-smc 50 mg/L	PMRSDJ 1,491,81
	sln-smc 100 mg/L	PMRSDJ 1,468,81
	cyt-rat-par 200 mg/kg	MUREAV 38,349,76
	cyt-rat-orl 200 mg/kg	CSHCAL 4,267,77
	hma-mus/sat 6000 mg/kg	MUREAV 56,111,77
	otr-ham:kdy 80 ug/L	BJCAAI 37,873,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	orl-rat TDLo:60 mg/kg (13D preg)	TJADAB 24,131,81
1T50	orl-rat TDLo:100 mg/kg (13D preg)	SEIJBO 18,241,78
1T43	orl-rat TDLo:60 mg/kg (13D preg)	FCTOD7 20,273,82
2T75T76	orl-rat TDLo:10 mg/kg (17D preg)	ARTODN (Suppl 4),292,80
2T34T46	orl-rat TDLo:50 mg/kg (12D preg)	SEIJBO 18,241,78
2T33T41	orl-rat TDLo:30 mg/kg (13D preg)	TJADAB 29(2),41A,84
2T34T35	ihl-rat TCLo:120 mg/m3/3H (7-14D preg)	NTIS** PB277-077
1T46	ihl-rat TCLo:27200 ug/m3/3H (7-14D preg)	NTIS** PB277-077
3T41T43T46	skn-rat TDLo:100 mg/kg (12-13D preg)	TXAPA9 41,35,77
3T34T41T43	scu-rat TDLo:80 mg/kg (13D preg)	TXAPA9 48,229,79
2T46T55	scu-rat TDLo:80 mg/kg (13D preg)	TXAPA9 48,229,79
3T41T43T46	unk-rat TDLo:300 mg/kg (12D preg)	AHEMA5 9,89,80
1T45	orl-mus TDLo:2 gm/kg (7-16D preg)	JTEHD6 5,821,79
1T43	orl-mus TDLo:2 gm/kg (10D preg)	TJADAB 23,335,81
3T25T35T46	orl-mus TDLo:2 gm/kg (12D preg)	TJADAB 27,57A,83
1T34	orl-mus TDLo:2400 mg/kg (12D preg)	TJADAB 27,57A,83
3T42T45T43	orl-cat TDLo:600 mg/kg (16-35D preg)	TJADAB 18,311,78
1T25	orl-rbt TDLo:1120 mg/kg (7-20D preg)	TJADAB 7,243,73
1T41	orl-rbt TDLo:140 mg/kg (7-20D preg)	TJADAB 7,243,73
1T46	orl-ham TDLo:600 mg/kg (11D preg)	JTEHD6 11,287,83
3T43T46T50	orl-ham TDLo:6480 mg/kg (6-18D preg)	SEIJBO 18,11,78
2T25T35	orl-ham TDLo:2400 mg/kg (11D preg)	JTEHD6 11,287,83
1T34	orl-ham TDLo:2160 mg/kg (6-13D preg)	SEIJBO 18,11,78
2T41T43	orl-ham TDLo:1200 mg/kg (11D preg)	JTEHD6 11,287,83

TUMORIGENIC DATA AND REFERENCES:

3V01J60N62	orl-rat TDLo:5306 mg/kg/77W-C	JNCIAM 49,583,72
3V01L60P62	orl-mus TDLo:77 gm/kg/82W-C	JNCIAM 42,1101,69
2V01N62	orl-rat TD :11466 mg/kg/78W-C	IJIND8 67,75,81
3V01N62T61	orl-rat TD :44 gm/kg/2Y-C	EJTXAZ 9,303,76
2V01N62	orl-rat TD :146 gm/kg/2Y-C	EJTXAZ 9,303,76
3V01N60N62	orl-rat TD :9125 mg/kg/2Y-C	FCTXAV 13,493,75

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:545 mg/kg	SEIJBO 18,11,78
*	orl-mus LD50:3000 mg/kg	TJADAB 21,71,80
*	ipr-mus LD50:1770 mg/kg	PMRSDJ 1,682,81

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ENVRAL 7(2),243,74; AIHAAP 39,A-34,78; 85CVA2 5,250,70; CNDQA8 14,49,79

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 7,45,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ETU recm std-use encapsulated form; minimize worker exposur e

STATUS:

NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5011

★ NIOSH CURRENT INTELLIGENCE BULLETIN 22, 1978

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NI9628000 2-IMIDAZOLIDINETHIONE, 1,3-BIS(HYDROXYMETHYL)-

UPDT:8312 MW: 162.23 MOLFM: C5-H10-N2-O2-S

SYN: 1,3-BIS(HYDROXYMETHYL)IMIDAZOLIDIN-2-THIONE

MUTATION DATA AND REFERENCES:

	mmo-sat 4 umol/plate	MUREAV 90,91,81
	mma-sat 4 umol/plate	MUREAV 90,91,81

NJ0530000 IMIDAZOLIDINETHIONE, N-NITROSO-

UPDT:8408 CAS: 3715-92-2 MW: 131.17 MOLFM: C3-H5-O-N3-S

SYN: N-NITROSOETHYLENETHIOUREA * NO-ETU

MUTATION DATA AND REFERENCES:

	mnt-mus-ipr 120 mg/kg	MUREAV 48,225,77
	dlt-mus-orl 500 mg/kg/5D-I	MUREAV 54,258,78
	sce-ham:lng 50 umol/L	MUREAV 78,177,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T34T41T55	orl-rat TDLo:120 mg/kg (13D preg)	TJADAB 21,367,80
2T43T46	orl-rat TDLo:160 mg/kg (13D preg)	TJADAB 21,367,80
2T75T86	orl-rat TDLo:120 mg/kg (15D preg)	TJADAB 21,367,80
3T46T49T53	orl-mus TDLo:400 mg/kg (8D preg)	49WEAZ 3,479,83
1T25	orl-mus TDLo:400 mg/kg (8D preg)	49WEAZ 3,479,83

TUMORIGENIC DATA AND REFERENCES:

3V02J60P62	orl-mus TDLo:530 mg/kg/9W-I	CALEDQ 7,339,79

TOXICITY DATA AND REFERENCES:

	orl-mus LDLo:400 mg/kg	MUREAV 56,335,78

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NJ0540000 2-IMIDAZOLIDINETHIONE mixed with SODIUM NITRITE

UPDT:8411

SYN: ETHYLENETHIOUREA mixed with SODIUM NITRITE * SODIUM NITRITE mixed with ETHYLENETHIOUREA

MUTATION DATA AND REFERENCES:

	mmo-sat 1 uL/plate	MUREAV 48,225,77
	dlt-mus-orl 1000 mg/kg/5D-I	MUREAV 56,335,78
	hma-mus/sat 5 mg/kg	MUREAV 106,27,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T41T75	orl-rat TDLo:140 mg/kg (15D preg)	FCTOD7 20,273,82
1T25	orl-rat TDLo:180 mg/kg (13D preg)	FCTOD7 20,273,82
3T26T34T35	orl-mus TDLo:600 mg/kg (8D preg)	TJADAB 21,71,80
2T46T59	orl-mus TDLo:600 mg/kg (8D preg)	TJADAB 21,71,80
2T34T46	orl-mus TDLo:500 mg/kg (8D preg)	49WEAZ 3,479,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IMIDAZOLIDIN-2-ON-1-CARBONSAEURE-ISOBUTYLAMID (German) see: NJ5000000

NJ0570000 2-IMIDAZOLIDINONE

UPDT:8411 CAS: 120-93-4 MW: 86.11 MOLFM: C3-H6-N2-O

SYN: ETHYLENE UREA * 2-IMIDAZOLIDONE * UREA, 1,3-ETHYLENE-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T23	ipr-rat TDLo:15 mg/kg (1D male)	85GUAJ -,37,66

TUMORIGENIC DATA AND REFERENCES:

2V01P60	scu-mus TDLo:1000 mg/kg	NTIS** PB223-159

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:500 mg/kg	EJMCA5 17,235,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NJ0607000 2-IMIDAZOLIDINONE, 1,3-BIS(HYDROXYMETHYL)-4,5-DIHYDROXY-

UPDT:8412 CAS: 1854-26-8 MW: 178.17 MOLFM: C5-H10-N2-O5

SYN: ARKOFIX NG * CASSURIT LR * DEPREMOL G * (4,5-DIHYDROXY-1,3-BIS(HYDROXYMETHYL)-2-IMIDAZOLIDINONE * DIMETHYLOLDIHYDROXYETHYLENEUREA * DIMETHYLOLGLYOXALUREA * DMDHEU * FIRMATEX RK * FIXAPRET CP * FIXAPRET CP 40 * FIXAPRET CPK * FIXAPRET CPN * FIXAPRET CPNS * HYLITE LF * KNITTEX LE * NCI-C60322 * NEUPERM GFN * NS 11 * PERMAFRESH 183 * PERMAFRESH 113B * PERMAFRESH LF * PERMAFRESH LH * PERMAFRESH LKS * PROTOCOL C * PROX DW * READPRET KPN * SARCOSET GM * SUMITEX FSK * SUMITEX NS * SUMITEX NS 1SPE * VERAPRET DH * VERAPRET DKh * WNM

STATUS:

NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984

REPORTED IN EPA TSCA INVENTORY, 1983

NJ0607500 2-IMIDAZOLIDINONE, 4,5-BIS(1-PENTENYLOXY)-

UPDT:8406 CAS: 5781-51-1 MW: 254.37 MOLFM: C13-H22-N2-O3

SYN: 4,5-BIS(1-PENTENYLOXY)-2-IMIDAZOLIDINONE * SRC-916

TOXICITY DATA AND REFERENCES:

3C08F05F17	orl-mus LD50:740 mg/kg	JJPAAZ 14,448,64

NJ0620000 2-IMIDAZOLIDINONE, 3-(5-BUTYL-1,3,4-THIADIAZOL-2-YL)-4-HYDROXY-1-METHYL-

UPDT:8309 CAS: 67292-91-5 MW: 256.36 MOLFM: C10-H16-N4-O2-S

SYN: BUTHIDAZOLE * 1-(5-BUTYL-1,3,4-THIADIAZOL-2-YL)-3-METHYL-5-HYDROXY-2-IMIDAZOLIDINONE * 3,5-(1,1-DIMETHYLETHYL)-1,3,4-THIADIAZOL-2-YL-4-HYDROXY-1-METHYL-2-IMIDAZOLIDINONE * RAVAGE * VEL-5026

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1542 mg/kg	85ARAE 2,102,77

NJ0628000 2-IMIDAZOLIDINONE, 4,5-DIBUTOXY-

UPDT:8406 CAS: 5588-12-5 MW: 230.35 MOLFM: C11-H22-N2-O3

SYN: 4,5-DIBUTOXY-2-IMIDAZOLIDINONE * SRC-6 * SRC-906

TOXICITY DATA AND REFERENCES:

3C08F05F17	orl-mus LD50:1800 mg/kg	JJPAAZ 14,448,64
2F05F07	ipr-mus LD50:840 mg/kg	CPBTAL 12,843,64

NJ0648000 2-IMIDAZOLIDINONE, 4,5-DIHYDROXY-1-(5-NITRO-2-THIAZOLYL)-

UPDT:8303 CAS: 72589-87-8 MW: 246.22 MOLFM: C6-H6-N4-O5-S

SYN: 4,5-DIHYDROXYNIRIDAZOLE * 4,5-DIHYDROXY-1-(5-NITRO-2-THIAZOLYL)-2-IMIDAZOLIDINONE

MUTATION DATA AND REFERENCES:

	mmo-sat 100 ng/plate	ENMUDM 4,320,82
	mma-sat 100 ng/plate	ENMUDM 4,320,82

NJ0700000 2-IMIDAZOLIDINONE, 1-(2-HYDROXYETHYL)-3-((5-NITROFURFURYLIDENE)AMINO)-

UPDT:8401 CAS: 5036-03-3 MW: 268.26 MOLFM: C10-H12-N4-O5

SYN: EDROFURADENE * 1-(2-HYDROXYETHYL)-3-((5-NITROFURFURYLIDENE)AMINO)-2-IMIDAZOLIDINONE * NF 1010 * NIFURDAZIL

MUTATION DATA AND REFERENCES:

	mma-sat 100 ng/plate	MUREAV 48,295,77

TUMORIGENIC DATA AND REFERENCES:

3V01M61R60	orl-rat TDLo:27 gm/kg/46W-C	JNCIAM 51,403,73

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CCSUDL 4,171,78

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NJ0725000 2-IMIDAZOLIDINONE, 5-HYDROXY-1-(5-NITRO-2-THIAZOLYL)-

UPDT:8303 CAS: 72589-88-9 MW: 229.21 MOLFM: C6-H5-N4-O4-S

SYN: 5-HYDROXYNIRIDAZOLE * 5-HYDROXY-1-(5-NITRO-2-THIAZOLYL)-2-IMIDAZOLIDINONE

MUTATION DATA AND REFERENCES:

	mmo-sat 100 ng/plate	ENMUDM 4,320,82
	mma-sat 100 ng/plate	ENMUDM 4,320,82

NJ0750000 2-IMIDAZOLIDINONE, 4-METHYL-1-((5-NITROFURFURYLIDENE)AMINO)-

UPDT:8401 CAS: 21638-36-8 MW: 226.22 MOLFM: C8-H10-N4-O4

SYN: 4-METHYL-1-((5-NITROFURFURYLIDENE)AMINO-2-IMIDAZOLIDINONE

MUTATION DATA AND REFERENCES:

	mma-sat 100 ng/plate	MUREAV 48,295,77
	dnr-sat 500 nmol/well	CNREA8 34,2266,74
	mmo-esc 500 nmol/well	CNREA8 34,2266,74
	mrc-esc 500 nmol/well	CNREA8 34,2266,74

TUMORIGENIC DATA AND REFERENCES:

2V02R60	orl-rat TDLo:14 gm/kg/46W-C	JNCIAM 51,403,73

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CCSUDL 4,171,78

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-IMIDAZOLIDINONE, 1-(((5-NITRO-2-FURANYL)METHYLENE)AMINO)- see: NJ0875000

NJ0875000 2-IMIDAZOLIDINONE, 1-((5-NITROFURFURYLIDENE)AMINO)-

UPDT:8406 CAS: 555-84-0 MW: 224.20 MOLFM: C8-H8-N4-O4

SYN: 2-IMIDAZOLIDINONE, 1-(((5-NITRO-2-FURANYL)METHYLENE)AMINO)- * NF 246 * NIFURADENE * N-(5-NITRO-2-FURFURYLIDENE)-1-AMINO-2-IMIDAZOLIDONE * N-(5-NITRO-2-FURFURYLIDENEAMINO)-2-IMIDAZOLIDINONE * 1-((5-NITROFURFURYLIDENE)AMINO)-2-IMIDAZOLIDINONE * NIFURADINE * NSC-6470 * OXAFURADENE * OXIFURADENE * OXYFURADENE * RENAFUR

TUMORIGENIC DATA AND REFERENCES:

3V01P62R60	orl-rat TDLo:34 gm/kg/46W-C	JNCIAM 51,403,73

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1680 mg/kg	TXAPA9 18,185,71
3F25J25M16	ipr-mus LD50:1000 mg/kg	JPPMAB 16,663,64
	orl-rbt LD50:540 mg/kg	TXAPA9 18,185,71

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CCSUDL 4,171,78

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 7,181,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NJ0880000 2-IMIDAZOLIDINONE, 1-(((5-NITRO-2-FUROYL)METHYLENE)AMINO)-

UPDT:8406 MW: 252.21 MOLFM: C9-H8-N4-O5

SYN: 1-(((5-NITRO-2-FUROYL)METHYLENE)AMINO)-2-IMIDAZOLIDINONE * 1-(5-NITRO-2-FURYL-GLYOXYLIDENEAMINO)-2-IMIDAZOLIDONE

TOXICITY DATA AND REFERENCES:

3F25I25/A16	ipr-mus LD50:410 mg/kg	JPPMAB 16,663,64

NJ0950000 2-IMIDAZOLIDINONE, 1-NITROSO-

UPDT:8401 CAS: 3844-63-1 MW: 115.11 MOLFM: C3-H5-N3-O2

SYN: N-NITROSO-IMIDAZOLIDON (German) * N-NITROSOIMIDAZOLIDONE

MUTATION DATA AND REFERENCES:

	mmo-sat 16 umol/L/48H	MUREAV 48,131,77
	mmo-smc 400 mg/L/30M	GENTAE 78,1101,74
	mrc-smc 5 mmol/L	ZEVBA5 98,230,66

TUMORIGENIC DATA AND REFERENCES:

3V03J60V10	scu-rat TDLo:600 mg/kg/20W-I	ZEKBAI 69,103,67

TOXICITY DATA AND REFERENCES:

	scu-rat LD50:250 mg/kg	ZEKBAI 69,103,67

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NJ1050000 2-IMIDAZOLIDINONE, 1-(5-NITRO-2-THIAZOLYL)-

UPDT:8412 CAS: 61-57-4 MW: 214.22 MOLFM: C6-H6-N4-O3-S

SYN: AMBILHAR * BA 32644 * BA 32644 CIBA * CIBA 32644 * CIBA 32644-BA * NIRIDAZOLE * NITRIDAZOLE * NITROTHIAMIDAZOL * NITROTHIAMIDAZOLE * NITROTHIAZOLE * 1-(5-NITRO-2-THIAZOLYL)IMIDAZOLIDIN-2-ONE * 1-(5-NITRO-2-THIAZOLYL)-2-IMIDAZOLIDINONE * 1-(5-NITRO-2-THIAZOLYL)-2-IMIDAZOLINONE * 1-(5-NITRO-2-THIAZOLYL)-2-OXC TETRAHYDROIMIDAZOL * 1-(5-NITRO-2-THIAZOLYL)-2-OXOTETRAHYDROIMIDAZOLE * NTOI

MUTATION DATA AND REFERENCES:

	mmo-sat 12500 pg/plate	MUREAV 130,79,84
	mma-sat 200 ng/plate	PNASA6 72,5135,75
	mmo-esc 1 ug/plate	MUREAV 55,43,78
	dnr-esc 20 uL/disc	MUREAV 97,1,82
	dnr-bcs 20 uL/disc	MUREAV 97,1,82
	mmo-klp 500 nmol/L	MUREAV 118,153,83
	mmo-nsc 200 mg/L	JEPTDQ 2(4),1109,79
	mrc-smc 100 mg/L/22H	MUREAV 55,43,78
	bfa-hmn/sat 25 mg/kg	CMMUAO 4,171,76
	dnd-mus:fbr 300 umol/L	BJCAAI 37(Suppl 3),124,78
	bfa-mus/sat 200 mg/kg	CMMUAO 4,171,76
	bfa-mus/dmg 200 mg/kg	CMMUAO 4,171,76
	hma-mus/sat 1 mg/kg	MUREAV 55,43,78
	spm-gpg-orl 250 mg/kg/5D-C	JRPFA4 48,439,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:350 mg/kg (5D male)	JRPFA4 46,217,76
1T23	orl-rat TDLo:500 mg/kg (5D male)	JRPFA4 46,217,76
1T01	orl-rat TDLo:500 mg/kg (5D male)	ACTRAQ 22,155,65
2T02T03	ipr-rat TDLo:450 mg/kg (18D male)	TOLED5 14,163,82
1T24	orl-mus TDLo:625 mg/kg (5D male)	TXAPA9 23,288,72
2T23T24	orl-mus TDLo:175 mg/kg (5D male)	JRPFA4 46,217,76
1T23	ipr-mus TDLo:700 mg/kg (1D male)	EXPEAM 29,1253,73
1T24	ipr-mus TDLo:600 mg/kg (1D male)	TXAPA9 23,288,72
1T02	itt-dog TDLo:18 mg/kg (1D male)	IJEBA6 17,937,79
2T01T02	orl-gpg TDLo:250 mg/kg (5D male)	JRPFA4 48,439,76

TUMORIGENIC DATA AND REFERENCES:

3V02K60M61	orl-rat TDLo:8 gm/kg/90W-I	CALEDQ 4,305,78
3V01J60K60	orl-mus TDLo:15 gm/kg/49W-C	CALEDQ 1,69,75
3V02K60M60	orl-ham TDLo:21 gm/kg/63W-C	JNCIAM 59,1625,77
3V01J60K60	orl-mus TD :16 gm/kg/75W-C	JNCIAM 59,1625,77
3V02J60K60	orl-mus TD :4 gm/kg/19W-C	CALEDQ 1,69,75

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:900 mg/kg	FAZMAE 17,108,73
	orl-mus LDLo:625 mg/kg	TXAPA9 23,288,72
*	ipr-mus LDLo:600 mg/kg	TXAPA9 23,288,72

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 13,123,77

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-IMIDAZOLIDONE see: NJ0570000

NJ1555000 2-IMIDAZOLINE, 2-((2-AMINOETHYL)THIO)-, DIHYDROBROMIDE

UPDT:8406 CAS: 4786-84-9 MW: 307.09 MOLFM: C5-H11-N3-S 2Br-H

SYN: 2-(2-AMINOETHYLMERCAPTO)IMIDAZOLINE BROMIDE HYDROBROMIDE * 2-((2-AMINOETHYL)THIO)-2-IMIDAZOLINE DIHYDROBROMIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:22600 ug/kg	YKKZAJ 88,156,68

NJ1925000 2-IMIDAZOLINE, 2-BENZYL-

UPDT:8405 CAS: 59-98-3 MW: 160.24 MOLFM: C10-H12-N2

SYN: ARTONIL * BENZAZOLINE * BENZIDAZOL * 2-BENZYL-2-IMIDAZOLINE * 2-BENZYL-4,5-IMIDAZOLINE * DIVASCOL * IMIDALIN * KASIMID * LAMBRIL * OLITENSOL * PERIPHERINE * PHENYLMETHYLIMIDAZOLINE * PREFAXIL * PRISCOL * PRISCOLINE * TOLAZOLINE * VASIMID * VASODIL * VASODILATAN * 2-BENZYL-4,5-IMIDAZOLINE HYDROCHLORIDE * CLORIDRATO DI 2-BENZIL-4,5-IMIDAZOLINA (Italian)

MUTATION DATA AND REFERENCES:

	cyt-ham:lng 62500 ug/L	GMCRDC 27,95,81

TOXICITY DATA AND REFERENCES:

	ivn-rat LDLo:67 mg/kg	PSEBAA 76,847,51
*	orl-mus LD50:350 mg/kg	CPBTAL 22,514,74
	ipr-mus LD50:500 mg/kg	27ZIAQ -,263,73
	ivn-mus LD50:40 mg/kg	RPTOAN 37,198,74

NJ2000000 2-IMIDAZOLINE, 2-((N-BENZYLANILINO)METHYL)-

UPDT:8406 CAS: 91-75-8 MW: 265.39 MOLFM: C17-H19-N3

SYN: 5512-M * ANTASTAN * ANTISTINE * ANTASTEN * ANTAZOLIN * ANTAZOLINE * ANTISTIN * ANTIHISTAL * AZALONE * 2-(N-BENZYLANILINOMETHYL)-2-IMIDAZOLINE * BEN-A-HIST * 4,5-DIHYDRO-N-PHENYL-N-PHENYLMETHYL-1H-IMIDAZOLE-2-METHANAMINE * HISTOSTAB * IMIDAMINE * PHENAZOLINE * 2-PHENYL-BENZYL-AMINO-METHYLIMIDAZOLIN (German) * 2-(N-PHENYL-N-BENZYLAMINOMETHYL)IMIDAZOLINE

IRRITATION DATA AND REFERENCES:

	eye-rbt 1%	OPHTAD 143,154,62

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:398 mg/kg	ARZNAD 7,237,57
3F12F17J30	ipr-mus LD50:120 mg/kg	JPETAB 91,103,47
*	scu-mus LD50:135 mg/kg	ARZNAD 17,214,67

NJ2150000 2-IMIDAZOLINE, 2-((N-BENZYLANILINO)METHYL)-, HYDROCHLORIDE

UPDT:8405 CAS: 2508-72-7 MW: 301.85 MOLFM: C17-H19-N3 Cl-H

SYN: ANTAZOLINE HYDROCHLORIDE * ANTISTINE HYDROCHLORIDE * 2-(N-BENZYLANILINOMETHYL)-2-IMIDAZOLINE HYDROCHLORIDE * FENAZOLINA * HISTAZINE * 2-IMIDAZOLINE, 2-(N-BENZYLANILINO)METHYL)-, MONOHYDROCHLORIDE * PHENAZOLINE HYDROCHLORIDE * 2-PHENYLBENZYLAMINOMETHYLIMIDAZOLINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

	ivn-dog LD50:30 mg/kg	FEPRA7 10,338,51

2-IMIDAZOLINE, 2-(N-BENZYLANILINO)METHYL)-, MONOHYDROCHLORIDE see: NJ2150000

NJ2441000 4-IMIDAZOLINE-1-CARBOXYLIC ACID, 3-METHYL-2-THIOXO-, ETHYL ESTER

UPDT:8306 CAS: 22232-54-8 MW: 186.25 MOLFM: C7-H10-N2-O2-S

SYN: ATHYROMAZOLE * BASOLEST * CARBETHOXYMETHIMAZOLE * CARBIMAZOL * CARBIMAZOLE * CARBINAZOLE * CG1 * 1H-IMIDAZOLE-1-CARBOXYLIC ACID, 2,3-DIHYDRO-3-METHYL-2-THIOXO-, ETHYL ESTER * 3-METHYL-2-THIOXO-4-IMIDAZOLINE-1-CARBOXYLIC ACID ETHYL ESTER * NEOMERCAZOLE * TYRAZOL

MUTATION DATA AND REFERENCES:

	mmo-smc 1 gm/L	CHINAG (21),847,80

NJ2490000 2-IMIDAZOLINE, 2-(2,6-DICHLOROANILINO)-, MONOHYDROCHLORIDE

UPDT:8406 CAS: 4205-91-8 MW: 266.57 MOLFM: C9-H9-Cl2-N3 Cl-H

SYN: BENZENAMINE, 2,6-DICHLORO-N-2-IMIDAZOLIDINYLIDENE-, HYDROCHLORIDE * CATAPRES * CATAPRESAN * CLONIDINE HYDROCHLORIDE * 2-(2,6-DICHLOROANILINO)-2-IMIDAZOLINE HYDROCHLORIDE * 2-(2,6-DICHLOROPHENYLAMINO)-2-IMIDAZOLIN HYDROCHLORID (German) * 2-((2,6-DICHLOROPHENYL)IMINO)IMIDAZOLIDINE MONOHYDROCHLORIDE * DIXARIT * HEMITON * ISOGLAUCON * ST-155

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T12	orl-rat TDLo:6 mg/kg (30D pre)	ZPPLBF 114,251,75

TOXICITY DATA AND REFERENCES:

1G04	orl-wmn TDLo:376 ug/kg/4D	CHETBF 72,784,77
3F08H02H03	orl-man TDLo:69 ug/kg	LANCAO 2,694,76
3F07H02J30	orl-chd TDLo:70 ug/kg	AJDCAI 137,171,83
*	orl-rat LD50:150 mg/kg	ARZNAD 16,1038,66
*	ipr-rat LD50:100 mg/kg	IYKEDH 9,829,78
*	scu-rat LD50:113 mg/kg	ARZNAD 16,1038,66
*	ivn-rat LD50:29 mg/kg	ARZNAD 16,1038,66
*	orl-mus LD50:217 mg/kg	FATOAO 40,288,77
*	ipr-mus LD50:100 mg/kg	IYKEDH 9,829,78
	scu-mus LD50:59 mg/kg	YKKZAJ 95,966,75
*	ivn-mus LD50:17600 ug/kg	NIIRDN 6,235,82
	ivn-dog LD50:6 mg/kg	ARZNAD 16,1038,66
	orl-rbt LD50:80 mg/kg	ARZNAD 16,1038,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NJ2570000 2-IMIDAZOLINE, 2-(1-(2,6-DICHLOROPHENOXY)ETHYL)-, MONOHYDROCHLORIDE

UPDT:8403 CAS: 21498-08-8 MW: 295.61 MOLFM: C11-H12-Cl2-N2-O Cl-H

SYN: BA 168 * 2-(1-(2,6-DICHLORPHENOXY)ATHYL)-2-IMIDAZOLIN-HYDROCHLORID (German) * 2-(1-(2,6-DICHLOROPHENOXY)ETHYL)-2-IMIDAZOLINE HYDROCHLORIDE * 1H-IMIDAZOLE, 2-(1-(2,6-DICHLOROPHENOXY)ETHYL)-4,5-DIHYDRO-, MONOHYDROCHLORIDE * LOFETENSIN * LOFETENSIN HYDROCHLORIDE * LOFEXIDINE HYDROCHLORIDE * LOXACOR * LOXACOR HYDROCHLORIDE * RMI-14042A

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	orl-rat TDLo:30 mg/kg (7-16D preg)	ARZNAD 32,962,82
1T25	orl-rbt TDLo:243 mg/kg (14D pre/1-20D preg)	ARZNAD 32,962,82

TOXICITY DATA AND REFERENCES:

3D35F12F19	orl-rat LD50:70 mg/kg	ARZNAD 32,955,82
3D35F12F19	ivn-rat LD50:8 mg/kg	ARZNAD 32,955,82
3D35F12F19	orl-mus LD50:70 mg/kg	ARZNAD 32,955,82
3D35F12F19	ivn-mus LD50:8 mg/kg	ARZNAD 32,955,82
3D35F12F19	orl-dog LD50:70 mg/kg	ARZNAD 32,955,82
3D35F12F19	ivn-dog LD50:8 mg/kg	ARZNAD 32,955,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NJ2630000 2-IMIDAZOLINE, 2-((2-(DIETHYLAMINO)ETHYL)THIO)-, DIHYDROCHLORIDE

UPDT:8406 CAS: 17124-75-3 MW: 274.29 MOLFM: C9-H19-N3-S 2Cl-H

SYN: 2-(2-DIETHYLAMINOETHYLMERCAPTO)IMIDAZOLINE CHLORIDE HYDROCHLORIDE * 2-((2-(DIETHYLAMINO)ETHYL)THIO)-2-IMIDAZOLINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:38400 ug/kg	YKKZAJ 88,156,68

NJ2640000 2-IMIDAZOLINE, 2-((2-(DIMETHYLAMINO)ETHYL)THIO)-, DIHYDROBROMIDE

UPDT:8408 CAS: 5567-42-0 MW: 335.15 MOLFM: C7-H15-N3-S 2Br-H

SYN: 2-((2-(DIMETHYLAMINO)ETHYL)THIO)-2-IMIDAZOLINE DIHYDROBROMIDE

TOXICITY DATA AND REFERENCES:

2F12J22	ivn-mus LD50:367 mg/kg	YKKZAJ 88,747,68

NJ2800000 2-IMIDAZOLINE-1-ETHANOL, 2-(8-HEPTADECENYL)-

UPDT:8403 CAS: 95-38-5 MW: 350.66 MOLFM: C22-H42-N2-O

SYN: AMINE 220 * 2-(8-HEPTADECENYL)-2-IMIDAZOLINE-1-ETHANOL * 1-HYDROXYETHYL-2-HEPTADECENYLGLYOXALIDINE * 1-(2-HYDROXYETHYL)-2-HEPTADECENYLGLYOXALIDINE * 1-(2-HYDROXYETHYL)-2-n-HEPTADECENYL-2-IMIDAZOLINE * 1-(2-HYDROXYETHYL)-2-(8-HEPTADECENYL)-2-IMIDAZOLINE * 1-(2-HYDROXYETHYL)-2-HEPTADECENYL-2-IMIDAZOLINE * NALCAMINE G-13

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:3130 mg/kg	UCDS**

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

2-IMIDAZOLINE, 2-HEPTADECYL-, ACETATE see: NJ3825000

NJ3825000 2-IMIDAZOLINE, 2-HEPTADECYL-, MONOACETATE

UPDT:8309 CAS: 556-22-9 MW: 368.68 MOLFM: C20-H40-N2 .C2-H4-O2

SYN: CRAG 341 * CRAG FRUIT FUNGICIDE 341 * EXPERIMENTAL FUNGICIDE 341 * GLYODIN * GLYODIN ACETATE * GLYOXIDE * GLYOXIDE DRY * 2-HEPTADECYL-4,5-DIHYDRO-1H-IMIDAZOLYL MONOACETATE * 2-HEPTADECYL GLYOXALIDINE ACETATE * 2-HEPTADECYL-2-IMIDAZOLINE ACETATE * 2-IMIDAZOLINE, 2-HEPTADECYL-, ACETATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:4600 mg/kg	FMCHA2 -,C116,83
	unk-mam LD50:1000 mg/kg	30ZDA9 -,416,71

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

NJ3900000 2-IMIDAZOLINE, 2-([illegible]DANYLAMINO)-, HYDROCHLORIDE

UPDT:8405 MW: 217.76 MOLFM: C12-H15-N3 .Cl-H

SYN: E-V-A-16-HCl * FARIAL * N-(2-IMIDAZOLINE-2-YL)-N-(4-INDANYL)AMIN-MONOHYDROCHLORID (German) * N-(2-IMIDAZOLINE-2-YL)-N-(4-INDANYL)AMINE MONOHYDROCHLORIDE * INDANAZOLIN (German) * INDANAZOLINE * INDANAZOLINE HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	orl-rat TDLo:900 mg/kg (6-15D preg)	ARZNAD 30,1760,80
1T76	orl-rat TDLo:2520 mg/kg (16-22D preg/21D post)	ARZNAD 30,1760,80
1T25	orl-rbt TDLo:390 mg/kg (6-18D preg)	ARZNAD 30,1760,80
1T34	orl-rbt TDLo:130 mg/kg (6-18D preg)	ARZNAD 30,1760,80

TOXICITY DATA AND REFERENCES:

3F17F23J26	orl-rat LD50:481 mg/kg	ARZNAD 30,1760,80
3F17F23J26	ivn-rat LD50:16 mg/kg	ARZNAD 30,1760,80
3D35F23J26	orl-mus LD50:179 mg/kg	ARZNAD 30,1760,80
3D35F23J26	ivn-mus LD50:22 mg/kg	ARZNAD 30,1760,80
*	orl-dog LDLo:316 mg/kg	ARZNAD 30,1760,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NJ4375000 2-IMIDAZOLINE, 2-(1-NAPHTHYLMETHYL)-, MONOHYDROCHLORIDE

UPDT:8403 CAS: 550-99-2 MW: 246.76 MOLFM: C14-H14-N2 .Cl-H

SYN: ALBALON LIQUIFILM * CLERA * COLDAN * 1H-IMIDAZOLE, 4,5-DIHYDRO-2-(1-NAPHTHALENYLMETHYL)-, MONOHYDROCHLORIDE * NAPHAZOLINE HYDROCHLORIDE * NAPHCON * NAPHCON FORTE * 2-(1-NAPHTHYLMETHYL)IMIDAZOLINE HYDROCHLORIDE * 2-(1-NAPHTHYLMETHYL)-2-IMIDAZOLINE HYDROCHLORIDE * NIAZOL * PRIVINE HYDROCHLORIDE * PRIZOLE HYDROCHLORIDE * RHINANTIN * RHINOPERD * SANORIN * SANORIN-SPOFA * STRICYLON * VASOCON

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:50 mg/kg	JPETAB 86,284,46

scu-rat LD50:325 mg/kg JPETAB 86,284,46
scu-mus LD50:170 mg/kg JPETAB 86,280,46
scu-rbt LD50:950 mg/kg JPETAB 86,284,46
ivn-rbt LD50:800 ug/kg JPETAB 86,284,46
ims-rbt LD50:950 ug/kg JPETAB 86,284,46

2-IMIDAZOLINE, 2-SULFENO- see: WP8730000

NJ4530400 2-IMIDAZOLINE, 2-(1,2,3,4-TETRAHYDRO-1-NAPHTHYLAMINO)-, HYDROCHLORIDE
UPDT:8302 MW: 251.79 MOLFM: C13-H17-N3 Cl-H
SYN: KB-227 * 2-(1,2,3,4-TETRAHYDRO-1-NAPHTHYLAMINO)-2-IMIDAZOLINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T35T76 orl-rat TDLo:200 mg/kg (7-14D preg) NYKZAU 61,490,66
3T35T46T59 orl-mus TDLo:100 mg/kg (7-14D preg) NYKZAU 61,490,66
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:237 mg/kg NYKZAU 61,490,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

N-(2-IMIDAZOLINE-2-YL)-N-(4-INDANYL)AMINE MONOHYDROCHLORIDE see: NJ3900000
N-(2-IMIDAZOLINE-2-YL)-N-(4-INDANYL)AMIN-MONOHYDROCHLORID (German) see: NJ3900000

NJ4850000 2H-IMIDAZOLINIUM, 1-(HYDROXYMETHYL)-3-METHYL-, CHLORIDE, DOCECANOATE
UPDT:8407 MW: 332.97 MOLFM: C17-H33-N2-O2 Cl
SYN: 1-((n-DODECANOYLOXY)METHYL)-3-METHYLIMIDAZOLINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:4110 mg/kg JMCMAR 23,469,80
ipr-mus LD50:155 mg/kg JMCMAR 23,469,80
ivn-mus LD50:75 mg/kg JMCMAR 23,469,80

NJ4864000 IMIDAZOLINIUM, 3-(HYDROXYMETHYL)-1-METHYL-, CHLORIDE, LAURATE (ester)
UPDT:8305 MW: 332.97 MOLFM: C17-H33-N2-O2 Cl
SYN: 3-(HYDROXYMETHYL)-1-METHYLIMIDAZOLINIUM CHLORIDE LAURATE (ester)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:4110 mg/kg JMCMAR 23,469,80
* ipr-mus LD50:155 mg/kg JMCMAR 23,469,80
* ivn-mus LD50:75 mg/kg JMCMAR 23,469,80

NJ4900000 4-IMIDAZOLIN-2-ONE
UPDT:8305 CAS: 5918-93-4 MW: 84.09 MOLFM: C3-H4-N2-O
SYN: ENT-27439 * 2-HYDROXYIMIDAZOLE * 2H-IMIDAZOL-2-ONE, 1,3-DIHYDRO- (9CI) * SD 8591 * SHELL SD-8591
TOXICITY DATA AND REFERENCES:
orl-mus LD50:915 mg/kg 31ZOAD 1,257,68
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

NJ5000000 IMIDAZOLIN-2-ONE, 1-ISOBUTYLCARBAMOYL-
UPDT:8309 CAS: 67292-92-6 MW: 185.26 MOLFM: C8-H15-N3-O2
SYN: IMIDAZOLIDIN-2-ON-1-CARBONSAEURE-ISOBUTYLAMID (German) * 1-ISOBUTYLCARBAMOYL-IMIDAZOLIN-2-ONE * ISOCARBAMID * MERPELAN AZ * MNF O 166
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3500 mg/kg FMCHA2 -,C133,83

NJ5008000 3-IMIDAZOLIN-2-ONE, 1-(5-NITRO-2-THIAZOLYL)-
UPDT:8303 MW: 212.20 MOLFM: C6-H4-N4-O3-S
SYN: DEHYDRONIRIDAZOLE * 1-(5-NITRO-2-THIAZOLYL)-3-IMIDAZOLIN-2-ONE
MUTATION DATA AND REFERENCES:
mmo-sat 3 ng/plate ENMUDM 4,320,82
mma-sat 3 ng/plate ENMUDM 4,320,82

17-(2-IMIDAZOLIN-4-YL)ANDROST-4-EN-3-ONE see: BV8519000
2-IMIDAZOLIN-2-YL SULFENATE mixed with SODIUM NITRITE see: WP8730000
(2-(2-IMIDAZOLIN-2-YLTHIO)ETHYL)TRIMETHYLAMMONIUM BROMIDE HYDROBROMIDE see: BR6430000AMMONIUM, (2-(2-IMIDAZOLIN-2-YLTHIO)ETHYL)TRIMETHYL-, BROMIDE, MONOHYDROBROMIDE

NJ5047000 1H-IMIDAZOLIUM, 3-(HYDROXYMETHYL)-1-METHYL-, CHLORIDE, DODECANOATE
UPDT:8405 MW: 330.95 MOLFM: C17-H31-N2-O2 Cl
SYN: 3-(DODECANOYLOXYMETHYL)-1-METHYL-1H-IMIDAZOLIUM CHLORIDE * 1-METHYL-3-(HYDROXYMETHYL)IMIDAZOLIUM CHLORIDE LAURATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:4300 mg/kg USXXAM #4204065
3C08F11F17 ipr-mus LD50:140 mg/kg USXXAM #4204065
2F12H21 ivn-mus LD50:100 mg/kg USXXAM #4204065

2H-IMIDAZOL-2-ONE, 1,3-DIHYDRO- (9CI) see: NJ4900000

NJ5065200 4H-IMIDAZOL-4-ONE, 3,5-DIHYDRO-5-((3,4-DIMETHOXYPHENYL)METHYLENE)-3-(2-METHOXY-4- NITROPHENYL)-2-METHYL-
UPDT:8311 CAS: 78311-94-1 MW: 397.42 MOLFM: C20-H19-N3-O6
TOXICITY DATA AND REFERENCES:
3F05F17F19 ipr-mus LD50:600 mg/kg INDRBA 18,125,81

11-((1-IMIDAZOLYL)ACETYL)-5,11-DIHYDRO-6H-PYRIDO(2,3-b)(1,4)BENZODIAZEPIN-6-ONE 1-OXIDE see: UU7882500
beta-IMIDAZOLYL-4-ETHYLAMINE see: MS1050000
2-(4-IMIDAZOLYL)ETHYLAMINE see: MS1050000
5-(1H-IMIDAZOL-2-YLMETHYL)-1H-TETRAZOLE see: XF7472200
3-(1H-IMIDAZOL-4-YL)PYRIDINE see: UT4396500
4-(3-(4-IMIDAZOLYL)THIOACRYLOYL)MORPHOLINE see: QE5200000

NJ5095600 1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE, 8-ALLYL-1,7-DIMETHYL-
UPDT:8406 MW: 259.30 MOLFM: C12-H13-N5-O2
SYN: 8-ALLYL-1,7-DIMETHYL-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:195 mg/kg PCJOAU 17,105,83

NJ5095700 1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE, 3-(ALLYLOXY)-8-(2-HYDROXYETHYL)-1-METHYL-7-PHENYL-
UPDT:8406 MW: 381.43 MOLFM: C19-H19-N5-O4
SYN: 3-(ALLYLOXY)-8-(2-HYDROXYETHYL)-1-METHYL-7-PHENYL-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:415 mg/kg PCJOAU 17,105,83

NJ5095900 1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE, 8-BUTYL-1-METHYL-7-PHENYL-
UPDT:8406 MW: 337.42 MOLFM: C18-H19-N5-O2
SYN: 8-BUTYL-1-METHYL-7-PHENYL-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:365 mg/kg PCJOAU 17,105,83

NJ5096100 1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE, 8-BUTYL-1-METHYL-7-PHENYL-6-(PIPERIDINOMETHYL)-, MONOHYDROBROMIDE
UPDT:8406 MW: 503.51 MOLFM: C23-H30-N6-O2 Br-H
SYN: 1-n-BUTYL-2-PHENYL-3-N-PIPERIDINOMETHYL-8-METHYLIMIDAZO(1,2-f)XANTHINE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:166 mg/kg PCJOAU 17,105,83

NJ5096200 1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE, 3-(2,3-DIHYDROXYPROPYL)-1,8-DIMETHYL-7-PHENYL-
UPDT:8406 MW: 369.42 MOLFM: C18-H19-N5-O4
SYN: 3-(2,3-DIHYDROXYPROPYL)-1,8-DIMETHYL-7-PHENYL-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:485 mg/kg PCJOAU 17,105,83

NJ5096300 1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE, 1,7-DIMETHYL-8-(3,4-DIMETHOXYPHENETHYL)-
UPDT:8406 MW: 383.45 MOLFM: C19-H21-N5-O4
SYN: 1,7-DIMETHYL-8-(3,4-DIMETHOXYPHENETHYL)-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE * 1,7-DIMETHYL-8-HOMOVERATRYLIMIDAZO(1,2-f)XANTHINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:470 mg/kg PCJOAU 17,105,83

NJ5096400 1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE, 1,7-DIMETHYL-8-(2-HYDROXYETHYL)-
UPDT:8406 MW: 263.29 MOLFM: C11-H13-N5-O3
SYN: 1,7-DIMETHYL-8-(2-HYDROXYETHYL)-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1690 mg/kg PCJOAU 17,105,83

NJ5096500 1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE, 1,7-DIMETHYL-8-PHENYL-
UPDT:8406 MW: 295.33 MOLFM: C15-H13-N5-O2
SYN: 1,7-DIMETHYL-8-PHENYL-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:392 mg/kg PCJOAU 17,105,83

NJ5096600 1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE, 1,8-DIMETHYL-7-PHENYL-
UPDT:8406 CAS: 76286-84-5 MW: 295.33 MOLFM: C15-H13-N5-O2
SYN: 1,8-DIMETHYL-7-PHENYL-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1085 mg/kg PCJOAU 17,105,83

NJ5096700 1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE, 7,8-DIPHENYL-1-METHYL-
UPDT:8406 MW: 357.40 MOLFM: C20-H15-N5-O2
SYN: 7,8-DIPHENYL-1-METHYL-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1670 mg/kg PCJOAU 17,105,83

NJ5096800 1H-IMIDAZO(2,1-f)PURINE-2,4-DIONE, 2,3,4,6,7,8-HEXAHYDRO-1,3-DIMETHYL-8-HYDROXYETHYL-
UPDT:8406 CAS: 28557-24-6 MW: 253.30 MOLFM: C10-H15-N5-O3
SYN: 2,3,4,6,7,8-HEXAHYDRO-1,3-DIMETHYL-8-HYDROXYETHYL-1H-IMIDAZO(2,1-f)PURINE-2,4-DIONE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:684 mg/kg RPTOAN 33,252,70

NJ5096900 1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE, 8-(2-HYDROXYETHYL)-3-(2-HYDROXYPROPYL)-1-METHYL- 7-PHENYL-
UPDT:8406 MW: 383.45 MOLFM: C19-H21-N5-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:245 mg/kg PCJOAU 17,105,83

NJ5097100 1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE, 8-(2-HYDROXYETHYL)-1-METHYL-7-PHENYL-
UPDT:8406 MW: 325.36 MOLFM: C16-H15-N5-O3
SYN: 8-(2-HYDROXYETHYL)-1-METHYL-7-PHENYL-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1090 mg/kg PCJOAU 17,105,83

NJ5097200 1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE, 1-METHYL-7-PHENYL-
UPDT:8406 MW: 281.30 MOLFM: C14-H11-N5-O2
SYN: 1-METHYL-7-PHENYL-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:132 mg/kg PCJOAU 17,105,83

NJ5097300 IMIDAZO(2,1-f)PURINE-2,4-DIONE, 1,2,3,4-TETRAHYDRO-1,3-DIMETHYL-7-(2-(DIMETHYLAMINO)ETHYL)- 8-ISOPROPYL-, HYDROCHLORIDE
UPDT:8406 CAS: 74038-87-2 MW: 396.98 MOLFM: C18-H28-N6-O2 Cl-H
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:210 mg/kg YKKZAJ 89(4),446,69

NJ5097350 IMIDAZO(2,1-f)PURINE-2,4-DIONE, 1,2,3,4-TETRAHYDRO-1,3-DIMETHYL-8-ISOPROPYL-7-(2-PIPERIDINO ETHYL)-, HYDROCHLORIDE
UPDT:8407 CAS: 74038-88-3 MW: 410.00 MOLFM: C19-H29-N6-O2 Cl-H
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:180 mg/kg YKKZAJ 89(4),446,69

NJ5097500 1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE, 1,7,8-TRIMETHYL-, SODIUM SALT
UPDT:8406 MW: 255.24 MOLFM: C10-H10-N5-O2 Na
SYN: 1,2,8-TRIMETHYLIMIDAZO(1,2-f)XANTHINE SODIUM SALT * 1,7,8-TRIMETHYL-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE SODIUM SALT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:552 mg/kg PCJOAU 17,105,83

NJ5098950 1H-IMIDAZO(1,2-b)PYRAZOLE, 2,3-DIHYDRO-
UPDT:8402 CAS: 6714-29-0 MW: 109.15 MOLFM: C5-H7-N3
SYN: 2,3-DIHYDRO-1H-IMIDAZO(1,2-b)PYRAZOLE * IMPY * PYRAZOLO(2,3-a)IMIDAZOLIDINE
MUTATION DATA AND REFERENCES:
dni-hmn:lym 500 umol/L CNREA8 36,138,76
dni-hmn:leu 3 mmol/L CNREA8 43,5093,83
TOXICITY DATA AND REFERENCES:
3F05F17F19 ivn-mus LD50:993 mg/kg CTRRDO 64,1031,80
3F15F19K13 ivn-dog LDLo:400 mg/kg CTRRDO 64,1031,80

NJ5099200 IMIDAZO(1,2-a)PYRAZOLO(4,3-f)(1,4)DIAZEPINE, 1,6-DIHYDRO-4-(o-CHLOROPHENYL)-1,3,9-TRIMETHYL-
UPDT:8408 MW: 325.83 MOLFM: C17-H16-Cl-N5
SYN: 4-(2-CHLOROPHENYL)-1,6-DIHYDRO-1,3,9-TRIMETHYLIMIDAZO(1,2-a)PYRAZOLO(4,3-f)(1,4)DIAZEPINE * CI-918
TOXICITY DATA AND REFERENCES:
3F07F19U26 orl-rat LD50:354 mg/kg TOXID9 4,168,84
3F07F19U26 orl-mus LD50:508 mg/kg TOXID9 4,168,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NJ5099600 IMIDAZO(1,2-b)PYRIDAZINE, 6-CHLORO-2-(p-METHYLSULFONYLPHENYL)-
UPDT:8408 CAS: 3415-21-2 MW: 307.77 MOLFM: C13-H10-Cl-N3-O2-S
SYN: 6-CHLORO-2-(p-METHYLSULFONYLPHENYL)IMIDAZO(1,2-b)PYRIDAZINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:2500 mg/kg JMCMAR 9,29,66

NJ5731000 1H-IMIDAZO(4,5-b)PYRIDINE, 2-(2,4-DIMETHOXYPHENYL)-
UPDT:8405 CAS: 77303-19-6 MW: 255.30 MOLFM: C14-H13-N3-O2
SYN: AR-L 57BS * 2-(2,4-DIMETHOXYPHENYL)-1H-IMIDAZO(4,5-b)PYRIDINE
TOXICITY DATA AND REFERENCES:
3F23F25J22 orl-mus LD50:568 mg/kg ARZNAD 31,141,81
3F23F25J22 ivn-mus LD50:84 mg/kg ARZNAD 31,141,81

NJ5749000 1H-IMIDAZO(4,5-b)PYRIDINE, 2-(4-METHOXY-2-(2-(METHYLSULFINYL)ETHOXY)PHENYL)-
UPDT:8406 CAS: 77303-18-5 MW: 331.42 MOLFM: C16-H17-N3-O3-S
SYN: AR-L 100BS * 2-(4-METHOXY-2-(2-(METHYLSULFINYL)ETHOXY)PHENYL)-1H-IMIDAZO(4,5-b)PYRIDINE
TOXICITY DATA AND REFERENCES:
3F23F25J22 orl-mus LD50:543 mg/kg ARZNAD 31,141,81
3F23F25J22 ivn-mus LD50:53 mg/kg ARZNAD 31,141,81

NJ5749500 1H-IMIDAZO(4,5-b)PYRIDINE, 2-(2-METHOXY-4-(METHYLSULFINYL)PHENYL)-
UPDT:8406 CAS: 73384-60-8 MW: 287.36 MOLFM: C14-H13-N3-O2-S
SYN: AR-L 115BS * 2-(2-METHOXY-4-(METHYLSULFINYL)PHENYL)-1H-IMIDAZO(4,5-b)PYRIDINE * VARDAX
TOXICITY DATA AND REFERENCES:
3F23F25J22 orl-mus LD50:560 mg/kg ARZNAD 31,141,81

3F23F25J22 ivn-mus LD50:163 mg/kg ARZNAD 31,141,81

NJ5758500 IMIDAZO(1,2-a)PYRIDINE, 2-(p-(METHYLSULFONYL)PHENYL)-
UPDT 8406 CAS: 1222-57-7 MW: 272.34 MOLFM: C14-H12-N2-O2-S
SYN: IMIDAZO(1,2-a)PYRIDINE, 2-(4-(METHYLSULFONYL)PHENYL)- (9CI) * 2-(4-(METHYLSULFONYL)PHENYL)IMIDAZO(1,2-a)PYRIDINE * SOLIMIDIN * ZOLIMIDIN * ZOLIMIDINE * ZOLIRIDINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3710 mg/kg USXXAM #3318880
* ipr-rat LD50:950 mg/kg ARZNAD 33,1655,83
* ipr-mus LD50:1468 mg/kg ARZNAD 33,1655,83

IMIDAZO(1,2-a)PYRIDINE, 2-(4-(METHYLSULFONYL)PHENYL)- (9CI) see: NJ5758500

NJ5760000 IMIDAZO(1,2-a)PYRIDINE, 2-(p-METHYLSULFONYLPHENYL)-, HYDROCHLORIDE
UPDT 8408 CAS: 449-75-2 MW: 308.80 MOLFM: C14-H12-N2-O2-S Cl-H
SYN: 2-(p-METHYLSULFONYLPHENYL)IMIDAZO(1,2-a)PYRIDINE HYDROCHLORIDE * S 488 * ZOLIMIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:780 mg/kg JMCMAR 9,29,66

NJ5820000 1H-IMIDAZO(4,5-b)PYRIDINE-2(3H)-THIONE, 5-CHLORO-1-METHYL-3-PHENYL-
UPDT 8403 MW: 275.77 MOLFM: C13-H10-Cl-N3-S
SYN: 5-CHLORO-1-METHYL-3-PHENYL-1H-IMIDAZO(4,5-b)PYRIDINE-2(3H)-THIONE * 1-METHYL-3-PHENYL-5-CHLOROIMIDAZO(4,5-b)PYRIDINE-2-THIONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg EJMCA5 18,501,83

NJ5825000 1H-IMIDAZO(4,5-b)PYRIDINE-2(3H)-THIONE, 5-CHLORO-3-PHENYL-
UPDT 8403 MW: 261.74 MOLFM: C12-H8-Cl-N3-S
SYN: 5-CHLORO-3-PHENYL-1H-IMIDAZO(4,5-b)PYRIDINE-2(3H)-THIONE * 3-PHENYL-5-CHLOROIMIDAZO(4,5-b)PYRIDINE-2-THIONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg EJMCA5 18,501,83

IMIDAZO(1,2-a)PYRIDINIUM, 1,1'-AZOBIS(3-METHYL-2-PHENYL-, DIBROMIDE (9CI) see: NJ5830100

NJ5830100 1H-IMIDAZO(1,2-a)PYRIDIN-4-IUM, 1,1'-AZOBIS(3-METHYL-2-PHENYL-, DIBROMIDE
UPDT 8405 CAS: 49564-56-9 MW: 604.40 MOLFM: C28-H24-N6 2Br
SYN: AH 8165 * AH 8165D * 1,1'-AZOBIS(3-METHYL-2-PHENYLIMIDAZO(1,2-a)PYRIDINIUM) DIBROMIDE * FAZADINIUM BROMIDE * FAZADINIUM DIBROMIDE * FAZADON * IMIDAZO(1,2-a)PYRIDINIUM, 1,1'-AZOBIS(3-METHYL-2-PHENYL-, DIBROMIDE (9CI)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:310 ug/kg MEIEDD 10,568,83

NJ5830500 IMIDAZO(4,5-c)PYRIDIN-4-ONE, 2-((2-3-AMINO-6-(3-AMINO-6-(3-AMINO-6-(3-AMINO-6-(3-AMINO-6- (3,6-DIAMINOHEXANAMIDO)HEXANAMIDO)HEXANAMIDO)HEXANAMIDO)HEXANAMIDO)HEXANAMIDO)-2-DEOXY- alpha-D-GLUCOPYRANOSYL)AMINO)-3,3a,5,6,7,7a-HEXAHYDRO-7-HYDROXY-, 6'-CARBAMATE
UPDT 8408 CAS: 3164-67-1 MW: 1143.61 MOLFM: C49-H94-N18-O13
SYN: STREPTOTHRICIN A
TOXICITY DATA AND REFERENCES:
scu-mus LD50:50600 mg/kg ANTBAL 14,48,69

NJ5830700 4H-IMIDAZO(4,5-c)PYRIDIN-4-ONE, 2-((2-(3-AMINO-6-(3-AMINO-6-(3-AMINO-6-(3-AMINO-6-(3,6-DIAMINOHEXANAMIDO)HEXANAMIDO)HEXANAMIDO)HEXANAMIDO)HEXANAMIDO)-2-DEOXY-alpha-D- GULOPYRANOSYL)AMINO)-3,3a,5,6,7,7a-HEXAHYDRO-7-HYDROXY-, 6'-CARBAMATE
UPDT 8408 CAS: 3484-68-2 MW: 1015.41 MOLFM: C43-H82-N16-O12
SYN: RACEMOMYCIN E * STREPTOTHRICIN B
TOXICITY DATA AND REFERENCES:
scu-mus LD50:55800 mg/kg ANTBAL 14,48,69

NJ5830750 4H-IMIDAZO(4,5-c)PYRIDIN-4-ONE, 2-((2-(3-AMINO-6-(3-AMINO-6-(3-AMINO-6-(3-AMINO-6-(3,6-DIAMINOHEXANAMIDO)HEXANAMIDO)HEXANAMIDO)HEXANAMIDO)HEXANAMIDO)-2-DEOXY-alpha-D- GULOPYRANOSYL)AMINO)-3,3a,5,6,7,7a-HEXAHYDRO-7-HYDROXY-, 6'-CARBAMATE, SULFATE
UPDT 8412 MW: 905.49 MOLFM: C43-H82-H16-O12 H2-O4-S
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:7 mg/kg ANTBAL 28(8),613,83

NJ5830800 4H-IMIDAZO(4,5-c)PYRIDIN-4-ONE, 2-((2-(3-AMINO-6-(3-AMINO-6-(3-AMINO-6-(3,6-DIAMINO HEXANAMIDO)HEXANAMIDO)HEXANAMIDO)HEXANAMIDO)-2-DEOXY-alpha-D-GULOPYRANOSYL)AMINO)-3,3a,5,6, 7,7a-HEXAHYDRO-7-HYDROXY-, 6'-CARBAMATE
UPDT 8306 CAS: 3776-36-1 MW: 887.21 MOLFM: C37-H70-N14-O11
SYN: ANTIBIOTIC OP 2D * RACEMOMYCIN D * STREPTOTHRICIN C
TOXICITY DATA AND REFERENCES:
scu-mus LD50:70 ug/kg ANTBAL 14,48,69
3D35F03J22 ivn-mus LD50:9440 ug/kg CPBTAL 26,1147,78

NJ5830860 4H-IMIDAZO(4,5-c)PYRIDIN-4-ONE, 2-((2-(3-AMINO-6-(3-AMINO-6-(3,6-DIAMINOHEXANAMIDO) HEXANAMIDO)HEXANAMIDO)-2-DEOXY-alpha-D-GULOPYRANOSYL)AMINO)-3,3a,5,6,7,7a-HEXAHYDRO-7- HYDROXY-, 6'-CARBAMATE, SULFATE
UPDT 8412 MW: 857.09 MOLFM: C31-H58-N12-O10 H2-O4-S
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:10 mg/kg ANTBAL 28(8),613,83

NJ5830875 4H-IMIDAZO(4,5-c)PYRIDIN-4-ONE, 2-((2-(3-AMINO-6-(3,6-DIAMINOHEXANAMIDO)HEXANAMIDO)-2-DEOXY- alpha-D-GULOPYRANOSYL)AMINO)-3,3a,5,6,7,7a-HEXAHYDRO-7-HYDROXY-, 6'-CARBAMATE, SULFATE
UPDT 8412 MW: 728.89 MOLFM: C25-H46-N10-O9 H2-O4-S
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:26 mg/kg ANTBAL 28(8),613,83

NJ5830890 1H-IMIDAZO(4,5-c)PYRIDIN-2(3H)-ONE, 3-(p-AMINOPHENYL)-1-METHYL-
UPDT 8403 MW: 240.29 MOLFM: C13-H12-N4-O
SYN: 3-(p-AMINOPHENYL)-1-METHYL-1H-IMIDAZO(4,5-c)PYRIDIN-2(3H)-ONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg EJMCA5 18,501,83

NJ5830900 4H-IMIDAZO(4,5-c)PYRIDIN-4-ONE, 2-((2-DEOXY-2-(3,6-DIAMINOHEXANAMIDO)-alpha-D-GLUOPYRANOSYL) AMINO)-3,3a,5,6,7,7a-HEXAHYDRO-7-HYDROXY-, 6'-CARBAMATE
UPDT 8403 CAS: 3808-42-2 MW: 502.61 MOLFM: C19-H34-N8-O8
SYN: ANTIBIOTIC S 15-1A * RACEMOMYCIN A * STREPTOTHRICIN F * STREPTOTHRICIN VI * YAZUMYCIN A
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg 85GDA2 1,250,80
scu-mus LD50:1370 ug/kg ANTBAL 14,48,69
* ivn-mus LD50:150 mg/kg 85GDA2 1,285,80

NJ5830905 4H-IMIDAZO(4,5-c)PYRIDIN-4-ONE, 2-((2-DEOXY-2-(3,6-DIAMINOHEXANAMIDO)-alpha-D-GULOPYRANOSYL) AMINO)-3,3a,5,6,7,7a-HEXAHYDRO-7-HYDROXY-, 6'-CARBAMATE, SULFATE
UPDT 8412 MW: 600.69 MOLFM: C19-H34-N8-O8 H2-O4-S
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:300 mg/kg ANTBAL 28(8),613,83

NJ5830910 1H-IMIDAZO(4,5-b)PYRIDIN-2(3H)-ONE, 5-CHLORO-1-ETHYL-3-PHENYL-
UPDT 8403 MW: 273.74 MOLFM: C14-H12-Cl-N3-O
SYN: 5-CHLORO-1-ETHYL-3-PHENYL-1H-IMIDAZO(4,5-b)PYRIDIN-2(3H)-ONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg EJMCA5 18,501,83

NJ5830920 1H-IMIDAZO(4,5-b)PYRIDIN-2(3H)-ONE, 5-CHLORO-1-ISOPROPYL-3-PHENYL-
UPDT 8403 MW: 287.77 MOLFM: C15-H14-Cl-N3-O
SYN: 5-CHLORO-1-ISOPROPYL-3-PHENYL-1H-IMIDAZO(4,5-b)PYRIDIN-2(3H)-ONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg EJMCA5 18,501,83

NJ5830930 1H-IMIDAZO(4,5-b)PYRIDIN-2(3H)-ONE, 5-CHLORO-1-METHYL-3-PHENYL-
UPDT 8403 MW: 259.71 MOLFM: C13-H10-Cl-N3-O
SYN: 5-CHLORO-1-METHYL-3-PHENYL-1H-IMIDAZO(4,5-b)PYRIDIN-2(3H)-ONE * 1-METHYL-3-PHENYL-5-CHLOROIMIDAZO(4,5-b)PYRIDIN-2-ONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1750 mg/kg EJMCA5 18,501,83
* par-rat LD50:210 mg/kg EJMCA5 18,501,83
* orl-mus LD50:1000 mg/kg EJMCA5 18,501,83

NJ5830940 1H-IMIDAZO(4,5-b)PYRIDIN-2(3H)-ONE, 5-CHLORO-3-METHYL-1-PHENYL-
UPDT 8403 MW: 259.71 MOLFM: C13-H10-Cl-N3-O
SYN: 5-CHLORO-3-METHYL-1-PHENYL-1H-IMIDAZO(4,5-b)PYRIDIN-2(3H)-ONE * 1-PHENYL-3-METHYL-5-CHLOROIMIDAZO(4,5-b)PYRIDIN-2-ONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg EJMCA5 18,501,83

NJ5830950 1H-IMIDAZO(4,5-b)PYRIDIN-2(3H)-ONE, 5-CHLORO-1-METHYL-3-(2-PYRAZINYL)-
UPDT 8403 MW: 261.69 MOLFM: C11-H8-Cl-N5-O
SYN: 5-CHLORO-1-METHYL-3-(2-PYRAZINYL)-1H-IMIDAZO(4,5-b)PYRIDIN-2(3H)-ONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg EJMCA5 18,501,83

NJ5830960 1H-IMIDAZO(4,5-b)PYRIDIN-2(3H)-ONE, 5-CHLORO-1-METHYL-3-(2-PYRIDYL)-
UPDT 8403 MW: 260.70 MOLFM: C12-H9-Cl-N4-O
SYN: 5-CHLORO-1-METHYL-3-(2-PYRIDYL)-1H-IMIDAZO(4,5-b)PYRIDIN-2(3H)-ONE * 1-METHYL-3-(2-PYRIDYL)-5-CHLOROIMIDAZO(4,5-b)PYRIDIN-2-ONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg EJMCA5 18,501,83

NJ5830970 1H-IMIDAZO(4,5-b)PYRIDIN-2(3H)-ONE, 5-CHLORO-3-PHENYL-
UPDT 8403 MW: 245.68 MOLFM: C12-H8-Cl-N3-O
SYN: 5-CHLORO-3-PHENYL-1H-IMIDAZO(4,5-b)PYRIDIN-2(3H)-ONE * 3-PHENYL-5-CHLOROIMIDAZO(4,5-b)PYRIDIN-2-ONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg EJMCA5 18,501,83

NJ5831600 1H-IMIDAZO(4,5-c)PYRIDIN-2(3H)-ONE, 1-METHYL-3-PHENYL-
UPDT 8403 MW: 225.27 MOLFM: C13-H11-N3-O
SYN: 1-METHYL-3-PHENYLIMIDAZO(4,5-c)PYRIDIN-2-ONE * 1-METHYL-3-PHENYL-1H-IMIDAZO(4,5-c)PYRIDIN-2(3H)-ONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:250 mg/kg EJMCA5 18,501,83

NJ5831650 1H-IMIDAZO(4,5-c)PYRIDIN-2(3H)-ONE, 1-METHYL-3-(2-PYRAZINYL)-
UPDT 8403 MW: 227.25 MOLFM: C11-H9-N5-O
SYN: 1-METHYL-3-(2-PYRAZINYL)-1H-IMIDAZO(4,5-c)PYRIDIN-2(3H)-ONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:125 mg/kg EJMCA5 18,501,83

NJ5831700 1H-IMIDAZO(4,5-c)PYRIDIN-2(3H)-ONE, 1-METHYL-3-(2-PYRIDYL)-
UPDT 8403 MW: 226.26 MOLFM: C12-H10-N4-O
SYN: 1-METHYL-3-(2-PYRIDYL)-1H-IMIDAZO(4,5-c)PYRIDIN-2(3H)-ONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:180 mg/kg EJMCA5 18,501,83

7H-IMIDAZO(4,5-d)PYRIMIDINE see: UO7450000

NJ5907000 3H-IMIDAZO(4,5-f)QUINOLINE, 2-AMINO-3,4-DIMETHYL-
UPDT 8312 MW: 212.28 MOLFM: C12-H12-N4
SYN: 2-AMINO-3,4-DIMETHYLIMIDAZO(4,5-f)QUINOLINE
MUTATION DATA AND REFERENCES:
msc-ham:lng 25 mg/L MUREAV 118,91,83

NJ5907900 3H-IMIDAZO(4,5-d)QUINOLINE, 2-AMINO-3-METHYL-
UPDT 8406 MW: 199.26 MOLFM: C11-H11-N4
SYN: 2-AMINO-3-METHYLIMIDAZO(4,5-d)QUINOLINE
MUTATION DATA AND REFERENCES:
otr-mus:emb 1 ug/L CALEDQ 20,43,83

NJ5910000 3H-IMIDAZO(4,5-f)QUINOLINE, 2-AMINO-3-METHYL-
UPDT 8412 CAS: 76180-96-6 MW: 198.25 MOLFM: C11-H10-N4
SYN: 2-AMINO-3-METHYLIMIDAZO(4,5-f)QUINOLINE * IQ
MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate ENMUDM 4,368,82
mma-sat 4 ng/plate MUREAV 137,29,84
dnr-sat 1 ug/plate MUREAV 117,243,83
dnd-sat 5 umol/L ENMUDM 6,437,84
dns-rat:lvr 1 umol/L ENMUDM 6,464,84
dnd-mus:lym 5 umol/L FCTOD7 21,641,83
sce-mus-ipr 20 mg/kg MUREAV 140,49,84
dnd-ham:ovr 132 umol/L ENMUDM 6,437,84
sce-ham:ovr 15 mg/L ENMUDM 4,368,82
sce-mus-unk 20 mg/kg ENMUDM 6,437,84
msc-ham:ovr 20 mg/L ENMUDM 4,368,82
msc-ham:lng 20 mg/L MUREAV 118,91,83
TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 orl-mus TDLo:25 gm/kg/96W-C CRNGDP 5,921,84
3V01J60K60 orl-mus TD :29 gm/kg/96W-C CRNGDP 5,921,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NJ5912000 4H-IMIDAZO(4,5,1-ij)QUINOLIN-6-OL, 5,6-DIHYDRO-2,6-DIMETHYL-, MONOHYDROCHLORIDE
UPDT 8312 MW: 238.74 MOLFM: C12-H14-N2-O Cl-H
SYN: 5,6-DIHYDRO-2,6-DIMETHYL-4H-IMIDAZO(4,5,1-ij)QUINOLIN-6-OL HYDROCHLORIDE * HYDROXY-6 DIMETHYL-2,6 DIHYDRO-5,6 4H IMIDAZO (4,5,1-ij) QUINOLEINE CHLORHYDRATE (French)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:450 mg/kg EJMCA5 12,471,77
* ivn-mus LD50:155 mg/kg EJMCA5 12,471,77

NJ5914000 4H-IMIDAZO(4,5,1-ij)QUINOLIN-6-OL, 5,6-DIHYDRO-2-METHYL-, MONOHYDROCHLORIDE
UPDT 8312 CAS: 65241-30-7 MW: 224.71 MOLFM: C11-H12-N2-O Cl-H
SYN: 5,6-DIHYDRO-2-METHYL-4H-IMIDAZO(4,5,1-ij)QUINOLIN-6-OL HYDROCHLORIDE * HYDROXY-6 METHYL-2 DIHYDRO-5,6 4H IMIDAZO (4,5,1-ij)-QUINOLEINE CHLORHYDRATE (French)
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:1020 mg/kg EJMCA5 12,471,77
1F29 ivn-mus LD50:208 mg/kg EJMCA5 12,471,77

NJ5916000 6H-IMIDAZO(4,5,1-ij)QUINOLIN-6-ONE, 4,5-DIHYDRO-2-BENZYL-, MONOHYDROCHLORIDE
UPDT 8312 CAS: 65241-29-4 MW: 298.79 MOLFM: C17-H14-N2-O Cl-H

SYN: 4,5-DIHYDRO-2-BENZYL-6H-IMIDAZO(4,5,1-ij)QUINOLIN-6-ONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1105 mg/kg EJMCA5 12,471,77
* ivn-mus LD50:87500 ug/kg EJMCA5 12,471,77

NJ5918000 6H-IMIDAZO(4,5,1-ij)QUINOLIN-6-ONE, 4,5-DIHYDRO-2-METHYL-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65241-28-3 MW: 222.69 MOLFM: C11-H10-N2-O Cl-H
SYN: 4,5-DIHYDRO-2-METHYL-6H-IMIDAZO(4,5,1-ij)QUINOLIN-6-ONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1075 mg/kg EJMCA5 12,471,77
* ivn-mus LD50:78750 ug/kg EJMCA5 12,471,77

NJ5919000 6H-IMIDAZO(4,5,1-ij)QUINOLIN-6-ONE, 4,5-DIHYDRO-2-METHYL-, OXIME, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65241-31-8 MW: 237.71 MOLFM: C11-H11-N3-O Cl-H
SYN: 4,5-DIHYDRO-2-METHYL-6H-IMIDAZO(4,5,1-ij)QUINOLIN-6-ONE OXIME HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:620 mg/kg EJMCA5 12,471,77
1F29 ivn-mus LD50:53750 ug/kg EJMCA5 12,471,77

NJ5925400 1H-IMIDAZO(4,5-f)QUINOXALINE, 2-AMINO-3,7-DIMETHYL-
UPDT:8406 MW: 214.28 MOLFM: C11-H12-N5
SYN: 2-AMINO-3,7-DIMETHYLIMIDAZO(4,5-f)QUINOXALINE
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate CMLTAG (5),675,81

NJ5925500 3H-IMIDAZO(4,5-f)QUINOXALINE, 2-AMINO-3,8-DIMETHYL-
UPDT:8405 MW: 213.27 MOLFM: C11-H11-N5
SYN: 2-AMINO-3,8-DIMETHYLIMIDAZO(4,5-f)QUINOXALINE * 2-AMINO-3,8-DIMETHYL-3H-IMIDAZO(4,5-f)QUINOXALINE
MUTATION DATA AND REFERENCES:
mma-sat 50 ng/plate CMLTAG (5),675,81
msc-ham:lng 50 mg/L MUREAV 118,91,83

NJ5926000 IMIDAZO(1,2-a)QUINOXALINE, 7-METHOXY-
UPDT:8309 CAS: 39744-68-8 MW: 200.24 MOLFM: C11-H10-N3-O
SYN: 7-METHOXY-IMIDAZO(1,2-a)QUINOXALINE
TOXICITY DATA AND REFERENCES:
scu-mus LD50:229 mg/kg RPTOAN 36,88,73

NJ5927000 IMIDAZO(5,1-d)-1,2,3,5-TETRAZINE-8-CARBOXAMIDE, 3-(2-CHLOROETHYL)-3,4-DIHYDRO-4-OXO-
UPDT:8408 CAS: 85622-95-3
SYN: 8-CARBAMOYL-3-(2-CHLOROETHYL)IMIDAZO(5,1-d)-1,2,3,5-TETRAZIN-4(3H)-ONE * 3-(2-CHLOROETHYL)-3,4-DIHYDRO-4-OXOIMIDAZO(5,1-d)-1,2,3,5-TETRAZINE-8-CARBOXAMIDE * M&B39565 * NSC 353451
MUTATION DATA AND REFERENCES:
dnd-hmn:emb 50 umol/L CNREA8 44,1772,84
dnd-mus:leu 50 umol/L CNREA8 44,1757,84

IMIDAZO(2,1-beta)THIAZOLE MONOHYDROCHLORIDE see: NJ5960000

NJ5935000 IMIDAZO(2,1-b)THIAZOLE, 2,3,5,6-TETRAHYDRO-6-PHENYL-
UPDT:8403 CAS: 6649-23-6 MW: 204.31 MOLFM: C11-H12-N2-S
SYN: LEVAMISOLE * 6-PHENYL-2,3,5,6-TETRAHYDROIMIDAZO(2,1-b)THIAZOLE
TOXICITY DATA AND REFERENCES:
3F24R02U25 orl-chd TDLo:40 mg/kg/8D JOPDAB 93,304,78
* orl-rat LD50:345 mg/kg DRUGAY 20,89,80
* scu-rat LD50:89 mg/kg DRUGAY 20,89,80
* ivn-rat LD50:28 mg/kg DRUGAY 20,89,80
* orl-mus LD50:285 mg/kg DRUGAY 20,89,80
3H01J26Y01 ipr-mus LD50:35 mg/kg JAVMA4 176,1166,80
* scu-mus LD50:121 mg/kg DRUGAY 20,89,80
* ivn-mus LD50:28 mg/kg DRUGAY 20,89,80
3F19J22K13 scu-pig LD50:39800 ug/kg AJVRAH 42,1912,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NJ5950000 IMIDAZO(2,1-b)THIAZOLE, 2,3,5,6-TETRAHYDRO-6-PHENYL-, MONOHYDROCHLORIDE, (+-)-
UPDT:8408 CAS: 5086-74-8 MW: 240.77 MOLFM: C11-H12-N2-S Cl-H
SYN: ANTHELVET * (+-)-ANTHELVET * BAYER 9051 * CITARIN * MCN-JR-8299 * NILVERM * NILVEROM * OROVERMOL * DL-6-PHENYL-2,3,5,6-TETRAHYDROIMIDAZOLE(2,1-b)THIAZOLE HYDROCHLORIDE * R 8299 * RIPERCOL * RIPEREOL * SPARTAKON * (+-)-2,3,5,6-TETRAHYDRO-6-PHENYLIMIDAZO(2,1-b)THIAZOLE MONOHYDROCHLORIDE * TETRAMISOLE * TETRAMISOLE HYDROCHLORIDE * DL-TETRAMISOLE HYDROCHLORIDE * TETRAMISOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1R03 orl-hmn TDLo:2 mg/kg TXAPA9 20,602,71
orl-rat LD50:480 mg/kg NATUAS 209,1084,66
scu-rat LD50:130 mg/kg NATUAS 209,1084,66
ivn-rat LD50:24 mg/kg NATUAS 209,1084,66
orl-mus LD50:210 mg/kg NATUAS 209,1084,66
scu-mus LD50:84 mg/kg NATUAS 209,1084,66
ivn-mus LD50:22 mg/kg NATUAS 209,1084,66
1C08 orl-dck LD50:958 mg/kg VETNAL 54(5),64,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NJ5960000 IMIDAZO(2,1-b)THIAZOLE, 2,3,5,6-TETRAHYDRO-6-PHENYL-, MONOHYDROCHLORIDE, L-(-)-
UPDT:8403 CAS: 16595-80-5 MW: 240.77 MOLFM: C11-H12-N2-S Cl-H
SYN: CITARIN L * DECARIS * IMIDAZO(2,1-beta)THIAZOLE MONOHYDROCHLORIDE * IMIDAZO(2,1-b)THIAZOLE, 2,3,5,6-TETRAHYDRO-6-PHENYL-, MONOHYDROCHLORIDE, (S)- * KW-2-LE-T * LEVAMISOLE * LEVAMISOLE HYDROCHLORIDE * LEVOMYSOL HYDROCHLORIDE * NEMICIDE * NSC-177023 * R-12,564 * RIPERCOL-L * SOLASKIL * (-)-2,3,5,6-TETRAHYDRO-6-PHENYLIMIDAZO(2,1-b)THIAZOLE HYDROCHLORIDE * L-(-)-2,3,5,6-TETRAHYDRO-6-PHENYL-IMIDAZO(2,1-b)THIAZOLE HYDROCHLORIDE * l-TETRAMISOLE HYDROCHLORIDE * TRAMISOL * TRAMISOLE * WORM-CHEK
MUTATION DATA AND REFERENCES:
dns-mus-unk 10 mg/kg CCROBU 59,531,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:330 mg/kg (7-17D preg) YACHDS 10,3155,82
1T75 orl-rat TDLo:480 mg/kg (19-22D preg/4D post) YACHDS 10,3155,82
1T81 orl-rat TDLo:750 mg/kg (19-22D preg/21D post) YACHDS 10,3155,82
1T76 orl-rat TDLo:2125 mg/kg (19-22D preg/21D post) YACHDS 10,3155,82
TOXICITY DATA AND REFERENCES:
1P17 orl-wmn TDLo:180 mg/kg/36D BMJOAE 2(6086),555,77
* orl-rat LD50:1170 mg/kg CHTHBK 14(4),244,69
3F11F12J30 ipr-rat LD50:42 mg/kg YACHDS 10,3141,82
3F11F12J30 scu-rat LD50:80 mg/kg YACHDS 10,3141,82
3F11F12J30 ivn-rat LD50:26 mg/kg YACHDS 10,3141,82
3F11F12J30 orl-mus LD50:223 mg/kg YACHDS 10,3141,82
3F11F12J30 ipr-mus LD50:34 mg/kg YACHDS 10,3141,82
3F11F12J30 scu-mus LD50:52 mg/kg YACHDS 10,3141,82
3F11F12J30 ivn-mus LD50:18 mg/kg YACHDS 10,3141,82
ims-mus LD50:121 mg/kg FMDZAR 94,793,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IMIDAZO(2,1-b)THIAZOLE, 2,3,5,6-TETRAHYDRO-6-PHENYL-, MONOHYDROCHLORIDE, (S)- see: NJ5960000

NJ6100000 IMIDAZO(4,5-c)THIENO(1,2-a)THIOLIUM, 1,3-DIBENZYLDECAHYDRO-2-OXO-, 2-OXO-10-BORANESULFONATE
UPDT:8405 CAS: 68-91-7 MW: 596.86 MOLFM: C22-H25-N2-O-S C10-H15-O4-S
SYN: ARPHONAD * ARFONAD * ARFONAD CAMPHORSULFONATE * ARFONAD ROCHE * CAMFOSULFONATO del d-3-4-(1'-DIBENZIL-2-CHETO-IMIDAZOLIDO)-1,2-TRIMETILTHIOPHANIUM (Italian) * 1,3-DIBENZYLDECAHYDRO-2-OXOIMIDAZO(4,5-c)THIENO(1,2-a)THIOLIUM 10-CAMPHORSULFONATE * 1,3-DIBENZYLDECAHYDRO-2-OXO-IMIDAZO(4,5-c)THIENO(1,2-a)THIOLIUM 2-OXO-10-BORANESULFONATE * d-3,4-(1',3'-DIBENZYL-2'-KETOIMIDAZOLIDO)-1,2-TRIMETHYLENETHIOPHANIUM d-CAMPHORSULFONATE * METHIOPLEGIUM * NU 2222 * RO 2-2222 * TRIMETAPHAN CAMPHORSULFONATE * TRIMETHAPHAN CAMPHORSULFONATE * TRIMETHAPHAN 10-CAMPHORSULFONATE * TRIMETAPHAN CAMSILATE * TRIMETHAPHAN CAMSYLATE * TRIMETHIOPHANE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2494 mg/kg NIIRDN 6,528,82
* ipr-rat LD50:141 mg/kg NIIRDN 6,528,82
* scu-rat LD50:2024 mg/kg NIIRDN 6,528,82
ivn-rat LD50:21 mg/kg CLDND*
* orl-mus LD50:927 mg/kg NIIRDN 6,528,82
* ipr-mus LD50:133 mg/kg NIIRDN 6,528,82
* scu-mus LD50:629 mg/kg NIIRDN 6,528,82
ivn-mus LD50:21 mg/kg CLDND*
orl-dog LD50:400 mg/kg CLDND*
ivn-dog LD50:750 ug/kg CLDND*
ims-dog LD50:8 mg/kg CLDND*
3H15M30P05 ivn-rbt LD50:23 mg/kg FRPSAX 10,1027,55
3H15M30P05 ivn-gpg LD50:13 mg/kg FRPSAX 10,1027,55

NJ6150000 4H-IMIDAZO(4,5-d)-v-TRIAZINE, 4-OXO-
UPDT:8401 CAS: 63907-29-9 MW: 137.12 MOLFM: C4-H3-N5-O
SYN: 2-AZAHYPOXANTHINE * 4-OXO-4H-IMIDAZO(4,5-d)-v-TRIAZINE
MUTATION DATA AND REFERENCES:
dni-rat:lvr 1 mmol/L CNREA8 36,2827,76
TUMORIGENIC DATA AND REFERENCES:
3V03N61R60 orl-rat TDLo:3005 mg/kg/21W-C JNCIAM 54,951,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NJ6184000 IMIDECYL IODINE
UPDT:8305 CAS: 1336-78-3
SYN: AMPHODYN * AMPHODYNE
TOXICITY DATA AND REFERENCES:
3F07F12R21 orl-rat LD50:11 gm/kg JPMSAE 56,1186,67

IMIDENE see: TI4375000

IMIDOBENZYLE see: HO1575000

NJ6380000 IMIDOCARBONIC ACID, (DIETHOXYPHOSPHINOTHIOYL)DITHIO-, cyclic 1,2-DIMETHYLETHYLENE ESTER
UPDT:8309 CAS: 5526-11-4 MW: 299.43 MOLFM: C9-H18-N-O2-P-S3
SYN: AC-47430 * AMERICAN CYANAMID AC 47,430 * AMERICAN CYANAMID EL 47430 * O,O-DIETHYL (4,5-DIMETHYL-1,3-DITHIOLAN-2-YLIDENE)PHOSPHORAMIDOTHIOATE * E.I. 47430 * ENT 27,088 * PHOSPHORAMIDOTHIOIC ACID, (4,5-DIMETHYL-1,3-DITHIOLAN-2-YLIDENE)-, O,O-DIETHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:37 mg/kg ARSIM* 20,1,66

NJ6400000 IMIDOCARBONIC ACID, (DIETHOXYPHOSPHINOTHIOYL)DITHIO-, cyclic ETHYLENE ESTER
UPDT:8311 CAS: 333-29-9 MW: 271.37 MOLFM: C7-H14-N-O2-P-S3
SYN: AC-43064 * AMERICAN CYANAMID AC 43,064 * AMERICAN CYANAMID CL-43064 * CL-43,064 * CYALANE * CYCLIC ETHYLENE (DIETHOXYPHOSPHINOTHIOYL)DITHIOIMIDOCARBONATE * CYCLIC ETHYLENE ESTER of (DIETHOXYPHOSPHINOTHIOYL)DITHIOIMIDOCARBONIC ACID * CYLAN * CYOLAN * CYOLANE * CYOLANE INSECTICIDE * DIETHYL N-1,3-DITHIOLANYL-2-IMINO PHOSPHATE * O,O-DIETHYL 1,3-DITHIOLAN-2-YLIDENEPHOSPHORAMIDOTHIOATE * DITHIOLANE * 1,3-DITHIOLANE, 2-(DIETHOXYPHOSPHINYLIMINO)- * DITHIOLANE IMINOPHOSPHATE * ENT 25,809 * IMINOPHOSPHATE * PHOSFOLAN * PHOSPHORAMIDOTHIOIC ACID, 1,3-DITHIOLAN-2-YLIDENE-, DIETHYL ESTER * PHOSPHORAMIDOTHIOIC ACID, 1,3-DITHIOLAN-2-YLIDENE-, O,O-DIETHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:14 mg/kg IPCLBZ 22,40,80
skn-rbt LD50:23 mg/kg GUCHAZ 6,200,73
3C08F17F19 orl-ckn LD50:5200 ug/kg EXPEAM 30,63,74
orl-bwd LD50:1800 ug/kg TXAPA9 26,154,73
skn-bwd LD50:10 mg/kg TXAPA9 26,154,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NJ6410000 IMIDOCARBONIC ACID, (DIETHOXYPHOSPHINYL)DITHIO-, cyclic 1,2-DIMETHYLETHYLENE ESTER
UPDT:8309 CAS: 63907-30-2 MW: 283.37 MOLFM: C9-H18-N-O3-P-S2
SYN: AMERICAN CYANAMID AC 47,938 * AMERICAN CYANAMID EL-47938 * DIETHYL (4,5-DIMETHYL-1,3-DITHIOLAN-2-YLIDENE)PHOSPHORAMIDATE * E.I. 47938 * ENT 27,091 * IMIDOCARBONIC ACID, PHOSPHONODITHIO-, P,P-DIETHYL cyclic 1,2-DIMETHYLETHYLENE ESTER * PHOSPHORAMIDIC ACID, (4,5-DIMETHYL-1,3-DITHIOLAN-2-YLIDENE)-, DIETHYL ESTER
TOXICITY DATA AND REFERENCES:
orl-mus LD50:18 mg/kg ARSIM* 20,2,66

IMIDOCARBONIC ACID, (DIETHOXYPHOSPHINYL)DITHIO-, CYCLIC ETHYLENE ESTER see: NJ6475000

NJ6430000 IMIDOCARBONIC ACID, (DIETHOXYPHOSPHINYL)DITHIO, cyclic ETHYLETHYLENE ESTER
UPDT:8309 CAS: 63907-31-3 MW: 283.37 MOLFM: C9-H18-N-O3-P-S2
SYN: AC-47826 * AMERICAN CYANAMID AC 47,826 * AMERICAN CYANAMID EL-47826 * DIETHYL (4-ETHYL-1,3-DITHIOLAN-2-YLIDENE)PHOSPHORAMIDATE * E.I. 47826 * ENT 27,090 * IMIDOCARBONIC ACID, PHOSPHONODITHIO-, P,P-DIETHYL cyclic ETHYLETHYLENE ESTER * PHOSPHORAMIDIC ACID, (4-ETHYL-1,3-DITHIOLAN-2-YLIDENE)-, DIETHYL ESTER
TOXICITY DATA AND REFERENCES:
orl-mus LD50:28 mg/kg ARSIM* 20,2,66

NJ6450000 IMIDOCARBONIC ACID, (DIMETHOXYPHOSPHINOTHIOYL)DITHIO-, cyclic ETHYLENE ESTER
UPDT:8309 CAS: 3572-55-2 MW: 243.31 MOLFM: C5-H10-N-O2-P-S3
SYN: AC 43356 * AMERICAN CYANAMID 43356 * AMERICAN CYANAMID AC 43,356 * AMERICAN CYANAMID CL 43356 * CL-43,356 * CYCLIC ETHYLENE(DIMETHOXYPHOSPHINOTHIOYL)DITHIOIMIDOCARBONATE * CYCLIC ETHYLENE ESTER of (DIMETHOXYPHOSPHINOTHIOYL) DITHIOIMIDOCARBONIC ACID * O,O-DIMETHYL 1,3-DITHIOLAN-2-YLIDENEPHOSPHORAMIDOTHIOATE * ENT 25,813 * PHOSPHORAMIDOTHIOIC ACID, 1,3-DITHIOLAN-2-YLIDENE-, O,O-DIMETHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:10 mg/kg ARSIM* 20,1,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NJ6455000 IMIDOCARBONIC ACID, (DIMETHOXYPHOSPHINOTHIOYL)DITHIO-, cyclic PROPYLENE ESTER
UPDT:8309 CAS: 5166-62-1 MW: 257.34 MOLFM: C6-H12-N-O2-P-S3
SYN: AC 47370 * AMERICAN CYANAMID CL 47370 * CL 47370 * DIMETHYL (4-METHYL-1,3-DITHIOLAN-2-YLIDENE)PHOSPHORAMIDOTHIOATE * ENT 27,169 * PHOSPHORAMIDOTHIOIC ACID, (4-METHYL-1,3-DITHIOLAN-2-YLIDENE)-, DIMETHYL ESTER
TOXICITY DATA AND REFERENCES:
orl-mus LD50:45 mg/kg ARSIM* 20,1,66

NJ6460000 IMIDOCARBONIC ACID, (DIMETHOXYPHOSPHINOTHIOYL)DITHIO-, cyclic TRIMETHYLENE ESTER
UPDT:8309 CAS: 5175-87-1 MW: 257.34 MOLFM: C6-H12-N-O2-P-S3

SYN: AC 47460 * AMERICAN CYANAMID CL-47460 * CL-47460 * O,O-DIMETHYL 1,3-DITHIAN-2-YLIDENEPHOSPHORAMIDOTHIOATE * ENT 27,170 * PHOSPHORAMIDOTHIOIC ACID, 1,3-DITHIAN-2-YLIDENE-, O,O-DIMETHYL ESTER

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:7100 ug/kg ARSIM* 20,1,66

NJ6465000 IMIDOCARBONIC ACID, (DIMETHOXYPHOSPHINOTHIOYL)THIO-, cyclic ETHYLENE ESTER
UPDT:8309 CAS: 14371-55-2 MW: 227.25 MOLFM: C5-H10-N-O3-P-S2
SYN: AC 52069 * AMERICAN CYANAMID CL-52069 * CL-52069 * O,O-DIMETHYL 1,3-OXATHIOLAN-2-YLIDENEPHOSPHORAMIDOTHIOATE * ENT 27,171 * PHOSPHORAMIDOTHIOIC ACID, 1,3-OXATHIOLAN-2-YLIDENE-, O,O-DIMETHYL ESTER
TOXICITY DATA AND REFERENCES:
orl-mus LD50:9300 ug/kg ARSIM* 20,2,66

NJ6470000 IMIDOCARBONIC ACID, (DIMETHOXYPHOSPHINYL)DITHIO-, cyclic ETHYLENE ESTER
UPDT:8309 CAS: 5120-23-0 MW: 195.19 MOLFM: C5-H10-N-O3-P-S
SYN: AC 47271 * AMERICAN CYANAMID CL-47271 * CL-47271 * DIMETHYL 1,3-DITHIOLAN-2-YLIDENEPHOSPHORAMIDATE * ENT 27,168 * PHOSPHORAMIDIC ACID, 1,3-DITHIOLAN-2-YLIDENE-, DIMETHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:51 mg/kg ARSIM* 20,1,66

NJ6472000 IMIDOCARBONIC ACID, (DIMETHOXYPHOSPHINYL)DITHIO-, cyclic TRIMETHYLENE ESTER
UPDT:8309 CAS: 941-38-8 MW: 241.28 MOLFM: C6-H12-N-O3-P-S2
SYN: AC 52107 * AMERICAN CYANAMID CL-52107 * CL 52107 * DIMETHYL 1,3-DITHIAN-2-YLIDENEPHOSPHORAMIDATE * ENT 27,172 * PHOSPHORAMIDIC ACID, 1,3-DITHIAN-2-YLIDENE-, DIMETHYL ESTER
TOXICITY DATA AND REFERENCES:
orl-mus LD50:127 mg/kg ARSIM* 20,2,66

IMIDOCARBONIC ACID, ((METHYLCARBAMOYL)OXY)DITHIO-, cyclic ETHYLENE ESTER see: FG1350000

NJ6475000 IMIDOCARBONIC ACID, PHOSPHONODITHIO-, cyclic ETHYLENE P,P-DIETHYL ESTER
UPDT:8310 CAS: 947-02-4 MW: 255.31 MOLFM: C7-H14-N-O3-P-S2
SYN: AC 47031 * AMERICAN CYANAMID 47031 * AMERICAN CYANAMID AC 47,031 * AMERICAN CYANAMID CL-47031 * CI-47031 * CL 47031 * CYCLIC ETHYLENE(DIETHOXYPHOSPHINOTHIOYL)DITHIOIMIDOCARBONATE * CYCLIC ETHYLENE p,p-DIETHYL PHOSPHONODITHIOIMIDOCARBONATE * CYLAN * CYOLANE * CYOLANE CYLAN * CYOLANE INSECTICIDE * (DIETHOXYPHOSPHINYL)DITHIOIMIDOCARBONIC ACID CYCLIC ETHYLENE ESTER * 2-(DIETHOXYPHOSPHINYLIMINO)-1,3-DITHIOLANE * P,P-DIETHYL CYCLIC ETHYLENE ESTER of PHOSPHONODITHIOIMIDOCARBONIC ACID * EI 47031 * ENT 25,830 * 1,2-ETHANEDITHIOL, CYCLIC ESTER with P,P-DIETHYL PHOSPHONODITHIOIMIDOCARBONATE * 1,2-ETHANEDITHIOL, CYCLIC S,S-ESTER with PHOSPHONODITHIOIMIDOCARBONIC ACID P,P-DIETHYL ESTER * IMIDOCARBONIC ACID, (DIETHOXYPHOSPHINYL)DITHIO-, CYCLIC ETHYLENE ESTER * IMIDOCARBONIC ACID, PHOSPHONODITHIO-, P,P-DIETHYL CYCLIC ETHYLENE ESTER * PHOSFOLAN * PHOSPHORAMIDIC ACID, 1,3-DITHIOLAN-2-YLIDENE-, DIETHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:9 mg/kg ARSIM* 20,1,66
orl-mus LD50:12 mg/kg 28ZEAL 4,127,69
skn-rbt LD50:23 mg/kg GUCHAZ 6,200,73
skn-gpg LD50:54 mg/kg 31ZOAD 1,157,68
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NJ6490000 IMIDOCARBONIC ACID, PHOSPHONODITHIO-, CYCLIC METHYLENE P,P-DIETHYL ESTER
UPDT:8408 CAS: 21548-32-3 MW: 241.28 MOLFM: C6-H12-N-O3-P-S2
SYN: AC 64475 * ACCONEM * CL 64475 * (DIETHOXYPHOSPHINYLIMINO)-1,3-DITHIETANE * DIETHOXYPHOSPHINYLIMINO-2 DITHIETANNE-1,3 (French) * FOSTHIETAN * GEOFOS * NEM-A-TAK * PHOSPHORAMIDIC ACID, 1,3-DITHIETAN-2-YLIDENE-, DIETHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4700 ug/kg FMCHA2 -,C167,83
* orl-mus LD50:18 mg/kg MEIEDD 10,607,83
* skn-rbt LD50:27400 ug/kg FMCHA2 -,C167,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IMIDOCARBONIC ACID, PHOSPHONODITHIO-, P,P-DIETHYL cyclic 1,2-DIMETHYLETHYLENE ESTER see: NJ6410000
IMIDOCARBONIC ACID, PHOSPHONODITHIO-, P,P-DIETHYL CYCLIC ETHYLENE ESTER see: NJ6475000
IMIDOCARBONIC ACID, PHOSPHONODITHIO-, P,P-DIETHYL cyclic ETHYLETHYLENE ESTER see: NJ6430000

NJ6650000 IMIDOCARBONIC ACID, PHOSPHONODITHIO-, cyclic PROPYLENE P,P-DIMETHYL ESTER
UPDT:8308 CAS: 2984-59-0 MW: 241.28 MOLFM: C6-H12-N-O3-P-S2
SYN: AC 47772 * AMERICAN CYANAMID 47,772 * CYCLIC PROPYLENE(DIMETHOXYPHOSPHINYL)DITHIOIMIDOCARBONATE 1,3-DITHIOLANE * EI 47,772 * ENT 27,089
TOXICITY DATA AND REFERENCES:
orl-rat LD50:35 mg/kg 28ZEAL 4,128,69
* orl-mus LD50:76 mg/kg ARSIM* 20,2,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NJ6700000 IMIDOCARBONYL CHLORIDE, PHENYL-
UPDT:8401 CAS: 622-44-6 MW: 174.03 MOLFM: C7-H5-Cl2-N
SYN: CARBONIMIDIC DICHLORIDE, PHENYL- (9CI) * N-(DICHLOROMETHYLENE)ANILINE * N-PHENYLCARBONIMIDIC DICHLORIDE * PHENYL CARBYLAMINE CHLORIDE * PHENYLCARBYLAMINE CHLORIDE (DOT) * PHENYLIMIDOCARBONYL CHLORIDE * N-PHENYLIMIDOPHOSGENE * PHENYLIMINOCARBONYL DICHLORIDE * N-PHENYLIMINOCARBONYL DICHLORIDE * PHENYLISONITRILE DICHLORIDE * UN 1672 (DOT)
TOXICITY DATA AND REFERENCES:
1J30 ihl-hmn TCLo:7 ppm/10M NTIS** PB214-270
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4,4'-(IMIDOCARBONYL)BIS(N,N-DIMETHYLAMINE), MONOHYDROCHLORIDE see: BY3675000
4,4'-(IMIDOCARBONYL)BIS(N,N-DIMETHYLANILINE) see: BY3500000
IMIDODICARBONIMIDIC DIAMIDE, N,N-DIMETHYL-, MONOHYDROCHLORIDE (9CI) see: DU1800000
IMIDODICARBONIMIDIC DIAMIDE, N-(4-ETHOXYPHENYL)-, MONOHYDROCHLORIDE (9CI) see: DU1826500
IMIDODICARBONIMIDIC DIAMIDE, N-(1-METHYLETHYL)-, MONOHYDROCHLORIDE (9CI) see: DU1975000
IMIDODICARBONIMIDIC DIAMIDE MONOHYDROCHLORIDE see: DU2043000
IMIDODICARBONIMIDIC DIAMIDE, N-(PHENYLMETHYL)-, MONOHYDROCHLORIDE (9CI) see: DU1106000
IMIDODICARBONIMIDIC DIAMIDE, N-PHENYL-, MONOHYDROCHLORIDE see: DU2550000
3,3'-IMIDODI-1-PROPANOL, DIMETHANESULFONATE (ester), HYDROCHLORIDE see: UB6620000
IMIDOL see: HO1925000
IMIDOLE see: UX9275000
IMILANYLE see: HO1925000
IMINAZOLE see: NI3325000
IMINO-1,1'-BIANTHRAQUINONE see: CB7780000
IMINOBIS(ACETIC ACID) see: AI2975000
1,1'-IMINOBIS(3-(CYCLOHEXYLOXY)-2-PROPANOL) see: UB6582000 2-PROPANOL, 1,1'-IMINOBIS(3-(CYCLOHEXYLOXY)-
1,1'-IMINOBIS(3-(CYCLOHEPTYLOXY)-2-PROPANOL) see: UB6581000 2-PROPANOL, 1,1'-IMINOBIS(3-(CYCLOHEPTYLOXY)-
1,1'-IMINOBIS(3-(CYCLOOCTYLOXY)-2-PROPANOL) see: UB6583000 2-PROPANOL, 1,1'-IMINOBIS(3-(CYCLOOCTYLOXY)-
1,1'-IMINOBIS(3-(CYCLOPENTYLOXY)-2-PROPANOL) see: UB6584000 2-PROPANOL, 1,1'-IMINOBIS(3-(CYCLOPENTYLOXY)-
2,2'-IMINOBISETHANOL see: KL2975000
1,1'-(IMINOBIS(OCTAMETHYLENE))DIGUANIDINE TRIACETATE see: MF3624000
IMINOBIS(PROPYLAMINE) see: JL9450000
3,3'-IMINOBIS(PROPYLAMINE) see: JL9450000
IMINOBISPROPYLAMINE (DOT) see: JL9450000
3,3'-IMINOBISPROPYLAMINE (DOT) see: JL9450000
4,4'-((4-IMINO-2,5-CYCLOHEXADIEN-1-YLIDENE)METHYLENE)DIANILINE MONOHYDROCHLORIDE see: CX9850000
5-IMINODAUNOMYCIN see: QI9457200
5-IMINODAUNORUBICIN see: QI9457200
IMINODIACETIC ACID see: AI2975000
2,2'-IMINODIACETIC ACID see: AI2975000
1,1'-IMINODIANTHRAQUINONE see: CB7780000
IMINODIBENZYL see: HN8950000
IMINODIETHANOIC ACID see: AI2975000
2,2'-IMINODIETHANOL see: KL2975000
2,2'-IMINODI-N-NITROSOETHANOL see: KL9550000
1,1'-IMINODI-2-PROPANOL see: UB6600000
IMINO-beta,beta'-DIPROPIONITRILE see: UG2975000
beta,beta-IMINODIPROPIONITRILE see: UG2975000
beta,beta'-IMINODIPROPIONITRILE see: UG2975000
3,3'-IMINODIPROPIONITRILE see: UG2975000
IMINODIPROPYL DIMETHANESULFONATE 4-TOLUENESULPHONATE see: UB6621000
2-IMINOETHANETHIOL DIACETATE see: KJ1940000
9H-9,9c-IMINOETHANOPHENANTHRO(4,5-bcd)FURAN-3,5-DIOL, 4a,5,7a,8-TETRAHYDRO-12-METHYL- see: QC7875000
2-IMINO-4-ETHYLOXYCARBONYL-1,3-DIAZACYCLOHEPTANE HYDROCHLORIDE see: HM3656000
(-)-cis-3-IMINO-HEXAHYDRO-1-PHENYL-3H-OXAZOLO(3,4-a)PYRIDINE, HYDROBROMIDE see: RQ5833505

NJ8500000 11H-3,11a-(IMINOMETHANO)(1,2,4)DITHIAZINO(4,3-b)(1,2)BENZOXAZINE-4,12(3H)-DIONE, 9-CHLORO- 8-HYDROXY-11-METHOXY-
UPDT:8412 CAS: 59978-04-0 MW: 360.80 MOLFM: C12-H9-Cl-N2-O5-S2
SYN: A30641 * ANTIBIOTIC A 30641
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:106 mg/kg JANTAJ 29,394,76

N-(IMINO(METHYLAMINO)METHYL)-N'-(2-METHOXY-6-METHYLPHENYL)UREA HYDROCHLORIDE see: YT5290000
N-(IMINO(METHYLAMINO)METHYL)-N'-(2-METHYLPHENYL)-UREA HYDROCHLORIDE see: YT5294000
N-(IMINO(METHYLAMINO)METHYL)-N'-(4-(TRIFLUOROMETHYL)PHENYL)-UREA HYDROCHLORIDE see: YT5296000
N-(IMINO(METHYLAMINO)METHYL)-N'-(2,4,6-TRIMETHYLPHENYL)-UREA HYDROCHLORIDE see: YT5298000
3-IMINO-7-(METHYLAMINO)-3H-PHENOTHIAZINE HYDROCHLORIDE see: SP5680000
7-IMINO-6-PHENYL-6,7-DIHYDRO-5H-DIBENZO(a,c)CYCLOHEPTEN-5-ONE see: HP1160000 5H-DIBENZO(a,c)CYCLOHEPTEN-5-ONE, 6,7-DIHYDRO-7-IMINO-6-PHENYL-
(+-)-trans-3-IMINO-1-PHENYLHEXAHYDRO-3H-OXAZOLO(3,4-a)PYRIDINE HYDROCHLORIDE see: RQ5833500
(2-IMINO-5-PHENYL-4-OXAZOLIDINONATO(2-))DIAQUOMAGNESIUM see: RY1105000
2-IMINO-5-PHENYL-4-OXAZOLIDINONE see: RQ2975000
2-IMINO-5-PHENYL-4-OXAZOLIDINONE MAGNESIUM CHELATE see: RY1105000
2-IMINO-5-PHENYL-4-OXAZOLIDINONE MAGNESIUM CHELATE MONOHYDRATE see: RY1200000
IMINOPHOSPHATE see: NJ6400000
N-(IMINO(PROPYLAMINO)METHYL)-N'-(4-(TRIFLUOROMETHYL)PHENYL)-UREA HYDROCHLORIDE see: YT5299000
N-(IMINO(PROPYLAMINO)METHYL)-N'-(2,4,6-TRIMETHYLPHENYL)-UREA HYDROCHLORIDE see: YT5299400
2(3H)-IMINO-9-beta-D-RIBOFURANOSYL-9H-PURIN-6(1H)-ONE see: MF8750000
4-IMINO-1-beta-D-RIBOFURANOSYLTETRAHYDRO-2(1H)-TRIAZIN-2-ONE HYDROCHLORIDE see: XZ3018600
2-IMINO-4-THIAZOLIDINONE see: XJ6276000
IMINOUREA see ME7750000
IMIPRAMINA (Italian) see: HO1575000
IMIPRAMINE see: HO1575000
IMIPRAMINE and CHLOROPYRAMINE (1:1) see: HO1700000
IMIPRAMINE, DEMETHYL- see: HO0350000
IMIPRAMINEDEMETHYL HYDROCHLORIDE see: HO0525000
IMIPRAMINE HYDROCHLORIDE see: HO1925000
IMIPRAMINE-N-OXIDE HYDROCHLORIDE see: HO2275000
IMIPRIN see: HO1575000
IMIPRIN see: HO1925000
IMIZIN see: HO1575000
IMIZINE see: HO1575000
IMIZINUM see: HO1575000
IMLI-KA-PATTA EXTRACT (Indian) see: GN1940000
IMMENOCTAL see: CP9800000
IMMENOCTAL see: CP9450000
IMMENOX see: CP9450000
IMMORTELLE ABSOLUTE see: RJ3694000
IMNUDORM see: SC4900000
IMODIUM see: TM4960000
IMOL S 140 see: TD0175000
IMOTRYL see: NK7875000

NK0995500 IMPATIENS ARGUTA Hook. f. & Thom., extract
DEF: Indian plant belonging to the family BALSAMINACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

NK0995600 IMPATIENS BALSAMINA Linn., extract
DEF: Indian plant belonging to the family BALSAMINACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

NK0996000 IMPATIENS BRACHYCENTRA Kar. & Kir., extract
DEF: Indian plant belonging to the family BALSAMINACEAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

NK0997000 IMPATIENS DUTHIEI Hook. f., extract
DEF: Indian plant belonging to the family BALSAMINACEAE (IJEBA6 7,250,69)
UPDT:8302

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 7,250,69

NK0998000 IMPATIENS EDGEWORTHII Hook. f., extract
DEF:Indian plant belonging to the family BALSAMINACEAE (IJEBA6 9,91,71)
UPDT:8412
SYN: HALUVA EXTRACT
TOXICITY DATA AND REFERENCES:
1P02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78
* ipr-mus LD50:300 mg/kg IJEBA6 9,91,71

NK0999000 IMPATIENS ROYLEI Walp., extract
DEF:Indian plant belonging to the family BALSAMINACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:750 mg/kg IJEBA6 16,228,78

NK0999200 IMPATIENS SCABRIDE DC., extract
DEF:Indian plant belonging to the family BALSAMINACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

o-IMPC see: FC3150000
IMP DISODIUM SALT see: NM7519500
5'-IMP DISODIUM SALT see: NM7519500

NK1300000 IMPERATA CYLINDRICA Beauv., extract excluding roots
DEF:Indian plant belonging to the family GRAMINEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: ULU EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

IMPERATOR see: GZ1250000
IMPERATORIN see: LV1575000
IMPERIAL GREEN see: GL6475000
IMPERON FIXER T see: SZ1750000
IMPERVOTAR see: GF8600000
IMPF see: TA8400000
IMP HYDROCHLORIDE see: HO1925000
IMPOSIL see: NI2200000
IMPP see: TN5951605
IMPRAMINE see: HO1575000
IMPROMIDINE HYDROCHLORIDE see: MF3623500 GUANIDINE, N-(3-(1H-IMIDAZOL-4-YL)PROPYL)-N'-(2-(((5-METHYL-1H-IMIDAZOL-4-YL)METHYL)THIO) ETHYL)-, TRIHYDROCHLORIDE
IMPROMIDINE TRIHYDROCHLORIDE see: MF3623500 GUANIDINE, N-(3-(1H-IMIDAZOL-4-YL)PROPYL)-N'-(2(((5-METHYL-1H-IMIDAZOL-4-YL)METHYL)THIO) ETHYL)-, TRIHYDROCHLORIDE
IMPROSULFAN p-TOLUENESULFONATE see: UB6621000
IMPROSULFAN TOSILATE see: UB6621000
IMPROSULFAN TOSYLATE see: UB6621000
IMPROVED WILT PRUF see: KV0350000
IMPRUVOL see: GO7875000
IMP SODIUM SALT see: NM7519500
IMPY see: NJ5098950
IMS see: PB2275000
IMSIL see: VV7330000
IMURAN see: UO8925000
IMUREK see: UO8925000
IMUREL see: UO8925000
IMUTEX see: NI3325000
IMVITE I.G.B.A see: CT9450000
IMWITOR 191 see: RG1925000
IMWITOR 900K see: RG1925000
IN-73 see: NS1750000
IN 1179 see: AK2975000
INACID see: NL3500000
INACILIN see: XH8450000
INACTIN see: CQ2278000
INACTIVE LIMONENE see: OS8100000
INAH see: NS1750000
INAKOR see: XY5600000
INALONE O see: TU3805000
INALONE R see: TU3805000
INAMIL see: DA9520000
INAMYCIN see: RD5425000
INAMYCIN see: CU9080000
INAPPIN see: DE2100000
INAPSIN see: DE2100000
INAPSINE see: DE2100000
INBESTAN see: UY0704600
INBUTON see: YS4200000
INCORTIN see: GM9020000
INCORTIN see: GM9140000
INCORTIN-H see: GM8925000
INCRACIDE E 51 see: GL8800000
INCRECEL see: BP5250000
INDACIN see: NL3500000
(+)-INDACRINONE see: AH0307000
(-)-INDACRINONE see: AH0306000
INDALCA AG see: MG0185000
INDALCA AG-BV see: MG0185000
INDALCA AG-HV see: MG0185000
INDALITON see: NK5250000
INDALONE see: UP7000000
INDANAL see: NK4503000 1-INDANCARBOXYLIC ACID, 6-CHLORO-5-CYCLOHEXYL-

NK3855000 1-INDANAMINE, N-(2-DIETHYLAMINOACETYL)-2-PHENYL-, HYDROCHLORIDE
UPDT:8310 CAS: 63992-23-4 MW: 358.95 MOLFM: C21-H26-N2-O Cl-H
SYN: N-(2-DIETHYLAMINOACETYL)-2-PHENYL-1-INDANAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:128 mg/kg YKKZAJ 82,1597,62

INDANAZOLIN (German) see: NJ3900000
INDANAZOLINE see: NJ3900000
INDANAZOLINE HYDROCHLORIDE see: NJ3900000

NK4503000 1-INDANCARBOXYLIC ACID, 6-CHLORO-5-CYCLOHEXYL-
UPDT:8408 CAS: 34148-01-1 MW: 278.80 MOLFM: C16-H19-Cl-O2
SYN: BRITAI * 6-CHLORO-5-CYCLOHEXYL-1-INDANCARBOXYLIC ACID * 6-CHLORO-5-CYCLOHEXYL-2,3-DIHYDRO-1H-INDENE-1-CARBOXYLIC ACID * CLIDANAC * INDANAL * 1H-INDENE-1-CARBOXYLIC ACID, 6-CHLORO-5-CYCLOHEXYL-2,3-DIHYDRO- (9CI) * TAI 284
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:41 mg/kg JMCMAR 15,1297,72
* scu-rat LD50:62700 ug/kg IYKEDH 12,668,81
* ivn-rat LD50:88400 ug/kg IYKEDH 12,668,81
* orl-mus LD50:825 mg/kg NIIRDN 6,217,82
* scu-mus LD50:860 mg/kg IYKEDH 12,668,81
* ivn-mus LD50:212 mg/kg IYKEDH 12,668,81
* orl-rbt LD50:380 mg/kg NIIRDN 6,217,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NK4505000 1-INDANCARBOXYLIC ACID, 6-CHLORO-5-CYCLOHEXYL-, (+)-
UPDT:8406 CAS: 28968-09-4 MW: 278.80 MOLFM: C16-H19-Cl-O2
SYN: (+)-6-CHLORO-5-CYCLOHEXYLINDAN-1-CARBOXYLIC ACID * (1S)-(+)-6-CHLORO-5-CYCLOHEXYLINDAN-1-CARBOXYLIC ACID * (S)-(+)-CLIDANAC * d-TAI-284
TOXICITY DATA AND REFERENCES:
orl-rat LD50:35 mg/kg JMCMAR 15,1297,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NK4510000 1-INDANCARBOXYLIC ACID, 6-CHLORO-5-CYCLOHEXYL-, (+-)-
UPDT:8408 CAS: 28968-07-2 MW: 278.80 MOLFM: C16-H19-Cl-O2
SYN: 6-CHLORO-5-CYCLOHEXYL-1-INDANCARBOXYLIC ACID * (+-)-6-CHLORO-5-CYCLOHEXYLINDAN-1-CARBOXYLIC ACID * (+-)-6-CHLORO-5-CYCLOHEXYL-1-INDANCARBOXYLIC ACID * (+-)-2,3-DIHYDRO-6-CHLORO-5-CYCLOHEXYL-1H-INDENE-1-CARBOXYLIC ACID * 1H-INDENE-1-CARBOXYLIC ACID, 6-CHLORO-5-CYCLOHEXYL-2,3-DIHYDRO-, (+-)- (9CI) * 1H-INDENE-1-CARBOXYLIC ACID, 2,3-DIHYDRO-6-CHLORO-5-CYCLOHEXYL-, (+-) * TAI-284 * (+-)-TAI 284 * dl-TAI 284
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:90 mg/kg (30D male) OYYAA2 7,333,73
1T46 orl-mus TDLo:90 mg/kg (7D preg) SEIJBO 17,177,77
1T34 orl-mus TDLo:810 mg/kg (7-15D preg) SEIJBO 17,177,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:41 mg/kg JMCMAR 15,1297,72
2K12U01 ipr-rat LD50:50 mg/kg OYYAA2 7,333,73
2K12U01 scu-rat LD50:60 mg/kg OYYAA2 7,333,73
2K12U01 ivn-rat LD50:45 mg/kg OYYAA2 7,333,73
2K12U01 orl-mus LD50:750 mg/kg OYYAA2 7,333,73
2K12U01 ipr-mus LD50:500 mg/kg OYYAA2 7,333,73
2K12U01 scu-mus LD50:800 mg/kg OYYAA2 7,333,73
2K12U01 ivn-mus LD50:150 mg/kg OYYAA2 7,333,73
2K12U01 orl-rbt LD50:250 mg/kg OYYAA2 7,333,73
2K12U01 orl-gpg LD50:400 mg/kg OYYAA2 7,333,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NK4555000 1-INDANCARBOXYLIC ACID, 5-CYCLOHEXYL-, (+-)-
UPDT:8408 CAS: 28968-05-0 MW: 244.36 MOLFM: C16-H20-O2
SYN: (+-)-5-CYCLOHEXYLINDAN-1-CARBOXYLIC ACID
TOXICITY DATA AND REFERENCES:
orl-rat LD50:287 mg/kg JMCMAR 15,1297,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NK4900000 INDAN, 1,2:5,6-DIEPOXYHEXAHYDRO-
UPDT:8307 CAS: 2886-89-7 MW: 152.21 MOLFM: C9-H12-O2
SYN: BICYCLONONADIENE DIEPOXIDE * 2H-BISOXIRENO(a,f)INDENE, OCTAHYDRO- * 4,9-DIOXATETRACYCLO(5.4.0.0(sup 3,5).0(sup 8,10))UNDECANE * 4,10-DIOXATETRACYCLO(5.4.0(sup 3,5).0(sup 1,7).0(sup 9,11))UNDECANE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2140 mg/kg AIHAAP 30,470,69
* skn-rbt LD50:1770 mg/kg AIHAAP 30,470,69

NK5045000 INDAN, 4,6-DINITRO-1,1,3,3,5-PENTAMETHYL-
UPDT:8305 CAS: 116-66-5 MW: 278.34 MOLFM: C14-H18-N2-O4
SYN: MOSKENE * 1,1,3,3,5-PENTAMETHYL-4,6-DINITROINDANE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,885,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NK5135000 1,3-INDANDIONE, 2-BENZYL-2-(4-PIPERIDINO-2-BUTYNYL)-, HYDROCHLORIDE
UPDT:8401 CAS: 22019-28-9 MW: 407.97 MOLFM: C25-H25-N-O2 Cl-H
SYN: 2-BENZYL-2-(delta-PIPERIDINOBUTYNYL)INDAN-1,3-DIONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F17F23F25 ipr-mus LD50:118 mg/kg PCJOAU 2,428,68

NK5156000 1,3-INDANDIONE, 5-BROMO-2-PHENYL-
UPDT:8302 CAS: 1470-35-5 MW: 301.15 MOLFM: C15-H9-Br-O2
SYN: 5-BROMO-2-PHENYLINDAN-1,3-DIONE * 5-BROMO-2-PHENYL-1,3-INDANDIONE * 2-FENIL-5-BROMO-INDANDIONE (Italian) * 1H-INDENE-1,3(2H)-DIONE, 5-BROMO-2-PHENYL- * URIDION
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T26T34 orl-rbt TDLo:440 mg/kg (7-17D preg) ARZNAD 24,1609,74
TOXICITY DATA AND REFERENCES:
1J24 orl-rat LD50:150 mg/kg ARZNAD 24,1609,74
* orl-mus LD50:200 mg/kg BCFAAI 112,401,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NK5250000 1,3-INDANDIONE, 2-(p-CHLOROPHENYL)-
UPDT:8403 CAS: 1146-99-2 MW: 256.69 MOLFM: C15-H9-Cl-O2
SYN: CHLOR-ATHROMBON * CHLOPHENADIONE * 2-(4-CHLOROFENIL)-1,3-INDANDIONE (Italian) * 2-(p-CHLOROPHENYL)INDAN-1,3-DIONE * 2-(p-CHLOROPHENYL)-1,3-INDANEDIONE * 2-(4-CHLOROPHENYL)-1H-INDENE-1,3(2H)-DIONE * tert-BUTYL METHYL ETHER * CLORINDIONE * CUMACHLOR * G 25766 * INDALITON * M.G. 2552
TOXICITY DATA AND REFERENCES:
orl-rat LD50:290 mg/kg SMWOAS 90,213,60
orl-mus LD50:180 mg/kg SMWOAS 90,213,60
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NK5335000 1,3-INDANDIONE, 2-((p-CHLOROPHENYL)PHENYLACETYL)-
UPDT:8408 CAS: 3691-35-8 MW: 374.83 MOLFM: C23-H15-Cl-O3
SYN: AFNOR * CAID * CHLOORFACINON (Dutch) * 2(2-(4-CHLOOR-FENYL-2-FENYL)-ACETYL)-INDAAN-1,3-DION (Dutch) * CHLORFACINON (German) * CHLOROPHACINONE * 2-(alpha-p-CHLOROPHENYLACETYL)INDANE-1,3-DIONE * ((4-CHLORPHENYL)-1-PHENYL)-ACETYL-1,3-INDANDION (German) * 2-((p-CHLOROPHENYL)PHENYLACETYL)-1,3-INDANDIONE * 2(2-(4-CHLOROPHENYL)-2-PHENYLACETYL)INDAN-1,3-DIONE * 2-((4-CHLOROPHENYL)PHENYLACETYL)-1H-INDENE-1,3(2H)-DIONE * CHLORPHACINON (Italian) * 2(2-(4-CHLOR-PHENYL-2-PHENYL)ACETYL)INDAN-1,3-DION (German) * 2(2-(4-CLORO-FENIL-2FENIL)-ACETIL)INDAN-1,3-DIONE (Italian) * DELTA * DRAT * LIPHADIONE * LM 91 * MICROZUL * MURIOL * 2-(2-PHENYL-2-(4-CHLOROPHENYL)ACETYL)-1,3-INDANDIONE * QUICK * RAMUCIDE * RANAC * RATOMET * RAVIAC * ROZOL * TOPITOX
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2100 ug/kg GUCHAZ 6,112,73
orl-mus LD50:1060 ug/kg TXAPA9 25,42,73
orl-rbt LD50:50 mg/kg GUCHAZ 6,112,73
skn-rbt LD50:200 mg/kg GUCHAZ 6,112,73
orl-dck LD50:100 mg/kg GUCHAZ 6,112,73
orl-mam LD50:7500 ug/kg GUCHAZ 6,112,73
orl-brd LD50:430 mg/kg GUCHAZ 6,112,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NK5425000 1,3-INDANDIONE, 2,2-DIHYDROXY-
UPDT:8406 CAS: 485-47-2 MW: 178.15 MOLFM: C9-H6-O4
SYN: 2,2-DIHYDROXY-1,3-INDANDIONE * 2,2-DIHYDROXY-1H-INDENE-1,3(2H)-DIONE * 1,2,3-INDANTRIONE, 2-HYDRATE * 1,2,3-INDANTRIONE MONOHYDRATE * NINHYDRIN * NINHYDRIN HYDRATE * TRIKETOHYDRINDENE HYDRATE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:250 mg/kg NCNSA6 5,28,53

3F07H05J22 ipr-mus LD50:78 mg/kg CRSBAW 151,719,57
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NK5600000 1,3-INDANDIONE, 2-DIPHENYLACETYL-
UPDT:8312 CAS: 82-66-6 MW: 340.39 MOLFM: C23-H16-O3
SYN: DIDANDIN * DIPAXIN * DIPHACIN * DIPHACINONE * DIPHENACIN * DIPHENADIONE * 2-DIPHENYLACETYL-1,3-DIKETOHYDRINDENE * 2-DIPHENYLACETYL-1,3-INDANDIONE * 2-(DIPHENYLACETYL)INDAN-1,3-DIONE * 2-(DIPHENYLACETYL)-1H-INDENE-1,3(2H)-DIONE * PID * PROMAR * RAMIK * RATINDAN 1 * U 1363
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1500 ug/kg 85DPAN -,-,71/76
orl-mus LD50:340 mg/kg 85DPAN -,-,71/76
orl-dog LD50:3 mg/kg 28ZEAL 5,84,76
orl-cat LD50:15 mg/kg PCOC** -,429,66
orl-rbt LD50:35 mg/kg 85DPAN -,-,71/76
orl-pig LD50:150 mg/kg 28ZEAL 5,84,76
orl-mam LD50:910 ug/kg SCIEAS 177,806,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NK5669000 1,3-INDANDIONE, 2-(1-ETHYL-4(1H)-PYRIDINYLIDENE)-
UPDT:8412 CAS: 49803-30-7 MW: 251.30 MOLFM: C16-H13-N-O2
SYN: 2-(1-ETHYL-4(1H)-PYRIDINYLIDENE)-1,3-INDANDIONE * 2-(1-ETHYL-4(1H)-PYRIDINYLIDENE)-1H-INDENE-1,3(2H)-DIONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:330 mg/kg EJMCA5 9,519,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NK5775100 1,3-INDANDIONE, 2-(1-(2-METHOXYETHYL)-4(1H)-PYRIDINYLIDENE)-
UPDT:8401 CAS: 54778-70-0 MW: 281.33 MOLFM: C17-H15-N-O3
SYN: ((METHOXY-2 ETHYL)-1 DIHYDRO-1,4 PYRIDYLENE-4 YL)-2 INDANEDIONE-1,3 (French) * 2-(1-(2-METHOXYETHYL)-4(1H)-PYRIDINYLIDENE)-1H-INDENE-1,3(2H)-DIONE * 2-(1-(2-METHOXYETHYL)-4(1H)-PYRIDINYLIDENE)-1,3-INDANDIONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:350 mg/kg EJMCA5 9,519,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NK5775300 1,3-INDANDIONE, 2-(p-METHOXYPHENYL)-
UPDT:8405 CAS: 117-37-3 MW: 252.28 MOLFM: C16-H12-O3
SYN: ANISINDIONE * ANISIN INDANDIONE * 2-p-ANISYL-1,3-INDANDIONE * 2-(p-METHOXYPHENYL)-1,3-INDANDIONE * 2-(4-METHOXYPHENYL)-1H-INDENE-1,3(2H)-DIONE * 2-(p-METHOXYPHENYL)INDANE-1,3-DIONE * MIRADON * SPE 2792 * UNIDONE
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:250 mg/kg CBCCT* 5,337,53

NK5977300 1,3-INDANDIONE, 2-(1-(1-METHYLETHYL)-4(1H)-PYRIDINYLIDENE)-
UPDT:8412 CAS: 49803-32-9 MW: 265.33 MOLFM: C17-H15-N-O2
SYN: 2-(1-(1-METHYLETHYL)-4(1H)-PYRIDINYLIDENE)-1,3-INDANDIONE * 2-(1-(1-METHYLETHYL)-4(1H)-PYRIDINYLIDENE)-1H-INDENE-1,3(2H)-DIONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1450 mg/kg EJMCA5 9,519,74

NK6070000 INDAN-1,3-DIONE, 2-(2-OXO-4-(4-(o-METHOXYPHENYL)-1-PIPERAZINYL)BUTYL)-2-PHENYL-
UPDT:8307 MW: 482.62 MOLFM: C30-H30-N2-O4
SYN: 2-(2-OXO-4-(4-(o-METHOXYPHENYL)-1-PIPERAZINYL)BUTYL)-2-PHENYL-1,3-INDANDIONE
TOXICITY DATA AND REFERENCES:
3F25F29U26 ipr-mus LD50:640 mg/kg PCJOAU 7,763,73

NK6100000 INDAN-1,3-DIONE, 2-(2-OXO-4-(4-(p-METHOXYPHENYL)-1-PIPERAZINYL)BUTYL)-2-PHENYL-
UPDT:8307 MW: 482.62 MOLFM: C30-H30-N2-O4
SYN: 2-(2-OXO-4-(4-(p-METHOXYPHENYL)-1-PIPERAZINYL)BUTYL)-2-PHENYL-1,3-INDANDIONE
TOXICITY DATA AND REFERENCES:
3F25F29U26 ipr-mus LD50:1230 mg/kg PCJOAU 7,763,73

NK6120000 INDAN-1,3-DIONE, 2-(2-OXO-4-(4-PHENYL-1-PIPERAZINYL)BUTYL)-2-PHENYL-
UPDT:8307 MW: 452.59 MOLFM: C29-H28-N2-O3
SYN: 2-(2-OXO-4-(4-PHENYL-1-PIPERAZINYL)BUTYL)-2-PHENYL-1,3-INDANDIONE
TOXICITY DATA AND REFERENCES:
3F25F29U26 ipr-mus LD50:520 mg/kg PCJOAU 7,763,73

NK6125000 1,3-INDANDIONE, 2-PHENYL-
UPDT:8408 CAS: 83-12-5 MW: 222.25 MOLFM: C15-H10-O2
SYN: ATHROMBON * BINDAN * DANILONE * DIADILAN * DINDEVAN * DINEVAL * FENHYDREN * FENILIN * HEDULIN * INDEMA * INDION * INDON * PHENHYDREN * PHENINDIONE * 2-PHENYL-1,3-DIKETOHYDRINDENE * PHENYLEN * 2-PHENYLINDAN-1,3-DIONE * 2-PHENYL-1,3-INDANDIONE * PHENYLINDIONE * PHENYLINE * PHENYLLIN * PID * PINDIONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:163 mg/kg EJMCA5 9,519,74
* ipr-rat LD50:530 mg/kg PHARAT 27,520,72
orl-mus LD50:175 mg/kg SMWOAS 90,213,60
* ipr-mus LD50:150 mg/kg PHARAT 27,520,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJMEAZ 38,409,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NK6300000 1,3-INDANDIONE, 2-PIVALOYL-
UPDT:8412 CAS: 83-26-1 MW: 230.28 MOLFM: C14-H14-O3
SYN: CHEMRAT * 2-(2,2-DIMETHYL-1-OXOPROPYL)-1H-INDENE-1,3(2H)-DIONE * 1,3-INDANDIONE, 2-PIVALYL- * PINDON (Dutch) * PINDONE * PINDONE, liquid (DOT) * PINDONE, solid (DOT) * PIVACIN * PIVAL * PIVALDION (Italian) * PIVALDIONE (French) * 2-PIVALOYL-INDAAN-1,3-DION (Dutch) * 2-PIVALOYL-INDAN-1,3-DION (German) * 2-PIVALOYL-1,3-INDANDIONE * 2-PIVALOYLINDANE-1,3-DIONE * 2-PIVALYL-1,3-INDANDIONE * PIVALYL VALONE * PIVALYN * TRI-BAN * 2-(TRIMETIL-ACETIL)-INDAN-1,3-DIONE (Italian) * UN 2472 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:280 mg/kg TXAPA9 2,88,60
par-rat LD50:50 mg/kg GUCHAZ 6,415,73
2P01F07 orl-dog LDLo:5 mg/kg APTCA6 42,81,78
orl-rbt LD50:150 mg/kg 85DPAN -,-,71/76
* orl-dom LDLo:75 mg/kg AWLRAO 5,135,78
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug/m3; STEL 300 ug/m3 DTLVS* 4,34[illegible],80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug/m3 (SCP-B) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 198[illegible]
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,3-INDANDIONE, 2-PIVALYL- see: NK6300000

NK7534600 5-INDANOL, 6-(2-METHYLPIPERIDINO)-, HYDROCHLORIDE, DL-
UPDT:8402 MW: 266.82 MOLFM: C15-H20-N-O Cl-H
SYN: DL-6-(2-METHYLPIPERIDINO)-5-INDANOL HYDROCHLORIDE * DL-6-(N-alpha-PIPECOLINOMETHYL)-5-HYDROXYINDANE HYDROCHLORIDE * PMHI HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 scu-mky TDLo:14 mg/kg (10D male) JRPFA4 38,395,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NK7534700 5-INDANOL, 6-((2-METHYLPIPERIDINO)METHYL)-, MALEATE
UPDT:8405 MW: 361.46 MOLFM: C16-H23-N-O C4-H4-O4
SYN: 6-((2-METHYLPIPERIDINO)METHYL)-5-INDANOL MALEATE * DL-6-(N-alpha-PIPECOLINOMETHYL)-5-HYDROXY-INDANE MALEATE * PMHI MALEATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T23 orl-rat TDLo:150 mg/kg (1D male) JRPFA4 37,441,74
1T02 orl-rat TDLo:4 mg/kg (10D male) JRPFA4 38,395,74
1T01 orl-rat TDLo:63 mg/kg (21D male) JRPFA4 38,387,74
1T12 orl-rat TDLo:525 mg/kg (21D pre) JRPFA4 38,387,74
1T03 orl-rat TDLo:28 mg/kg (10D male) JRPFA4 38,395,74
1T02 orl-mus TDLo:120 mg/kg (10D male) JRPFA4 38,395,74
1T02 scu-dog TDLo:25 mg/kg (10D male) JRPFA4 38,395,74
1T02 scu-mky TDLo:20 mg/kg (10D male) JRPFA4 38,395,74
1T02 scu-rbt TDLo:50 mg/kg (10D male) JRPFA4 38,395,74
1T02 orl-gpg TDLo:50 mg/kg (10D male) JRPFA4 38,395,74
1T02 orl-ham TDLo:80 mg/kg (10D male) JRPFA4 38,395,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NK7536400 1-INDANONE, HEXAHYDRO-2-((DIMETHYLAMINO)METHYL)-, HYDROCHLORIDE
UPDT:8402 MW: 231.80 MOLFM: C12-H21-N-O Cl-H
SYN: 2-((DIMETHYLAMINO)METHYL)HEXAHYDRO-1-INDANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1479 mg/kg FRPSAX 38,702,83

NK7536600 1-INDANONE, HEXAHYDRO-2-((DIMETHYLAMINO)METHYL)-3-METHYL-, HYDROCHLORIDE
UPDT:8402 MW: 245.83 MOLFM: C1[illegible]-H23-N-O Cl-H
SYN: 2-((DIMETHYLAMINO)METHYL)-3-METHYLHEXAHYDRO-1-INDANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1707 mg/kg FRPSAX 38,702,83

NK7536700 1-INDANONE, HEXAHYDRO-3-METHYL-2-(MORPHOLINOMETHYL)-, HYDROCHLORIDE
UPDT:8402 MW: 287.87 MOLFM: C15-H25-N-O2 Cl-H
SYN: 3-METHYL-2-(MORPHOLINOMETHYL)HEXAHYDRO-1-INDANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1230 mg/kg FRPSAX 38,702,83

NK7536800 1-INDANONE, HEXAHYDRO-3-METHYL-2-(1-PIPERAZINYLMETHYL)-, HYDROCHLORIDE
UPDT:8402 MW: 285.88 MOLFM: C15-H25-N2-O Cl-H
SYN: 3-METHYL-2-(1-PIPERAZINYLMETHYL)HEXAHYDRO-1-INDANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:812 mg/kg FRPSAX 38,702,83

NK7536900 1-INDANONE, HEXAHYDRO-3-METHYL-2-(1-PYRROLIDINYLMETHYL)-, HYDROCHORIDE
UPDT:8402 MW: 271.87 MOLFM: C15-H25-N-O Cl-H
SYN: 3-METHYL-2-(1-PYRROLIDINYLMETHYL)HEXAHYDRO-1-INDANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:933 mg/kg FRPSAX 38,702,83

NK7537100 1-INDANONE, HEXAHYDRO-2-(MORPHOLINOMETHYL)-, HYDROCHLORIDE
UPDT:8402 MW: 273.84 MOLFM: C14-H23-N-O2 Cl-H
SYN: 2-(MORPHOLINOMETHYL)HEXAHYDRO-1-INDANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1230 mg/kg FRPSAX 38,702,83

NK7537300 1-INDANONE, HEXAHYDRO-2-(1-PIPERAZINYLMETHYL)-, HYDROCHLORIDE
UPDT:8402 MW: 272.86 MOLFM: C14-H24-N2-O Cl-H
SYN: 2-(1-PIPERAZINYLMETHYL)HEXAHYDRO-1-INDANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:920 mg/kg FRPSAX 38,702,83

NK7537400 1-INDANONE, HEXAHYDRO-2-(1-PIPERIDINOMETHYL)-, HYDROCHLORIDE
UPDT:8402 MW: 257.84 MOLFM: C14-H23-N-O Cl-H
SYN: 2-(1-PIPERIDINOMETHYL)HEXAHYDRO-1-INDANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1545 mg/kg FRPSAX 38,702,83

NK7537600 1-INDANONE, HEXAHYDRO-2-((PROPYLAMINO)METHYL)-, HYDROCHLORIDE
UPDT:8402 MW: 245.83 MOLFM: C13-H23-N-O Cl-H
SYN: 2-((PROPYLAMINO)METHYL)HEXAHYDRO-1-INDANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1415 mg/kg FRPSAX 38,702,83

NK7537700 1-INDANONE, HEXAHYDRO-2-((PROPYLAMINO)METHYL)-3-METHYL-, HYDROCHLORIDE
UPDT:8402 MW: 259.86 MOLFM: C14-H25-N-O Cl-H
SYN: 2-((PROPYLAMINO)METHYL)-3-METHYLHEXAHYDRO-1-INDANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1355 mg/kg FRPSAX 38,702,83

NK7537800 1-INDANONE, 3-METHYL-6-PHENYL-
UPDT:8402 MW: 222.30 MOLFM: C16-H14-O
SYN: 3-METHYL-6-PHENYL-1-INDANONE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1600 mg/kg JMCMAR 22,1464,79

NK7537900 1-INDANONE, 5-METHYL-3-PIPERIDINO-, HYDROCHLORIDE
UPDT:8402 CAS: 27922-29-8 MW: 265.81 MOLFM: C15-H19-N-O Cl-H
SYN: 5-METHYL-3-PIPERIDINO-1-INDANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:422 mg/kg JMCMAR 13,480,70

NK7538100 1-INDANONE, 2-((1-METHYL-2-PIPERIDYL)METHYL)-, HYDRIODIDE
UPDT:8402 MW: 371.29 MOLFM: C16-H21-N-O H-I
SYN: 1-METHYL-2-((1-OXO-2-INDANYL)METHYL)PIPERIDINE HYDROIODIDE * 2-((1-METHYL-2-PIPERIDYL)METHYL)-1-INDANONE HYDROIODIDE
TOXICITY DATA AND REFERENCES:
2F04F07 ipr-mus LD50:25 mg/kg JMCMAR 7,732,64

NK7538200 1-INDANONE, 3-PHENYL-
UPDT:8402 CAS: 16618-72-7 MW: 208.27 MOLFM: C15-H12-O
SYN: 3-PHENYL-1-INDANONE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1600 mg/kg JMCMAR 22,1464,79
* ivn-mus LD50:180 mg/kg CSLNX* NX#02960

NK7538400 1-INDANONE, 2-(PIPERIDINO)METHYL-
UPDT:8402 MW: 229.35 MOLFM: C15-H19-N-O
SYN: N-332 * 2-PIPERIDINOMETHYL-INDANON-2 (G[illegible]) * 2-(PIPERIDINO)METHYL-1-INDANONE
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:50 mg/kg ARZNAD 6,695,56

NK7538500 1-INDANONE, 2-(3-PYRIDYLMETHYLENE)-
UPDT:8402 CAS: 4875-90-5 MW: 221.27 MOLFM: C15-H11-N-O
SYN: 2-(3-PICOLYLIDENE)-1-INDANONE * 2-(3-PYRIDYLMETHYLENE)-1-INDANONE
TOXICITY DATA AND REFERENCES:
2F04F07 ipr-mus LD50:225 mg/kg JMCMAR 7,732,64

NK7538700 1-INDANONE, 4,5,6,7-TETRAHYDRO-2-((DIMETHYLAMINO)METHYL)-3-METHYL-, HYDROCHLORIDE
UPDT:8402 MW: 243.81 MOLFM: C13-H21-N-O Cl-H
SYN: 2-((DIMETHYLAMINO)METHYL)-3-METHYL-4,5,6,7-TETRAHYDRO-1-INDANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:468 mg/kg FRPSAX 38,702,83

NK7538800 1-INDANONE, 4,5,6,7-TETRAHYDRO-2-((DIMETHYLAMINO)METHYL)-3-PHENYL-, HYDROCHLORIDE

UPDT 8402 MW: 305.88 MOLFM: C18-H23-N-O Cl-H

SYN: 2-((DIMETHYLAMINO)METHYL)-3-PHENYL-4,5,6,7-TETRAHYDRO-1-INDANONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:707 mg/kg	FRPSAX 38,702,83

NK7538900 1-INDANONE, 4,5,6,7-TETRAHYDRO-3-METHYL-4-(MORPHOLINOMETHYL)-, HYDROCHLORIDE

UPDT 8402 MW: 285.85 MOLFM: C15-H23-N-O2 Cl-H

SYN: 3-METHYL-4-(MORPHOLINOMETHYL)-4,5,6,7-TETRAHYDRO-1-INDANONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1416 mg/kg	FRPSAX 38,702,83

NK7539100 1-INDANONE, 4,5,6,7-TETRAHYDRO-2-(MORPHOLINOMETHYL)-, HYDROCHLORIDE

UPDT 8402 MW: 271.82 MOLFM: C14-H21-N-O2 Cl-H

SYN: 2-(MORPHOLINOMETHYL)-4,5,6,7-TETRAHYDRO-1-INDANONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:616 mg/kg	FRPSAX 38,702,83

NK7539300 1-INDANONE, 4,5,6,7-TETRAHYDRO-2-(MORPHOLINOMETHYL)-3-PHENYL-, HYDROCHLORIDE

UPDT 8402 MW: 347.92 MOLFM: C20-H25-N-O2 Cl-H

SYN: 2-(MORPHOLINOMETHYL)-3-PHENYL-4,5,6,7-TETRAHYDRO-1-INDANONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1230 mg/kg	FRPSAX 38,702,83

NK7539400 1-INDANONE, 4,5,6,7-TETRAHYDRO-2-(1-PIPERAZINYLMETHYL)-, HYDROCHLORIDE

UPDT 8402 MW: 270.84 MOLFM: C14-H22-N2-O Cl-H

SYN: 2-(1-PIPERAZINYLMETHYL)-4,5,6,7-TETRAHYDRO-1-INDANONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:102 mg/kg	FRPSAX 38,702,83

NK7539500 1-INDANONE, 4,5,6,7-TETRAHYDRO-2-((PROPYLAMINO)METHYL)-, HYDROCHLORIDE

UPDT 8402 MW: 243.81 MOLFM: C13-H21-N-O Cl-H

SYN: 2-((PROPYLAMINO)METHYL)-4,5,6,7-TETRAHYDRO-1-INDANONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:407 mg/kg	FRPSAX 38,702,83

NK7539600 1-INDANONE, 4,5,6,7-TETRAHYDRO-2-(1-PYRROLIDINYLMETHYL)-, HYDROCHLORIDE

UPDT 8402 MW: 255.82 MOLFM: C14-H21-N-O Cl-H

SYN: 2-(1-PYRROLIDINYLMETHYL)-4,5,6,7-TETRAHYDRO-1-INDANONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:234 mg/kg	FRPSAX 38,702,83

NK7539900 1-INDANPROPIONIC ACID, 3-PHENYL-

UPDT 8402 MW: 266.36 MOLFM: C18-H18-O2

SYN: 3-PHENYL-1-INDANPROPIONIC ACID * 2-(3-PHENYL-1-INDANYL)PROPIONIC ACID

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:300 mg/kg	JMCMAR 22,1464,79

INDANTHRENE GOLDEN YELLOW see: HO7030000

INDANTHREN GOLDEN YELLOW see: HO7030000

INDANTHREN PRINTING YELLOW see: HO7030000

1,2,3-INDANTRIONE, 2-HYDRATE see: NK5425000

1,2,3-INDANTRIONE MONOHYDRATE see: NK5425000

INDAPAMIDE see: CV2449850

INDAR see: XZ4150000

NK7790000 1H-INDAZOLE, 1-BENZYL-3-(3-(DIMETHYLAMINO)PROPOXY)-

UPDT 8412 CAS: 642-72-8 MW: 309.45 MOLFM: C19-H23-N3-O

SYN: BENZINDAMINE * BENZYDAMINE * 1-BENZYL-3-(3-(DIMETHYLAMINO)PROPOXY)-1H-INDAZOLE

TOXICITY DATA AND REFERENCES:

1Y55	orl-rat LD50:950 mg/kg	OYYAA2 15,41,78
*	orl-mus LD50:515 mg/kg	ARZNAD 26,1393,76
	ipr-mus LD50:109 mg/kg	JMCMAR 15,471,72
3F07F11F12	scu-mus LD50:445 mg/kg	OYYAA2 6,1285,72
3F07F11F12	ivn-mus LD50:25 mg/kg	OYYAA2 6,1285,72

NK7875000 1H-INDAZOLE, 1-BENZYL-3-(3-(DIMETHYLAMINO)PROPOXY)-, MONOHYDROCHLORIDE

UPDT 8412 CAS: 132-69-4 MW: 345.91 MOLFM: C19-H23-N3-O Cl-H

SYN: AF 864 * BENALGIN * BENZIDAMINE HYDROCHLORIDE * BENZINDAMINE HYDROCHLORIDE * BENZYDAMINE HYDROCHLORIDE * 1-BENZYL-3-gamma-DIMETHYLAMINOPROPOXY-1H-INDAZOLE HYDROCHLORIDE * 1-BENZYL-3-(3-(DIMETHYLAMINO)PROPOXY)-1H-INDAZOLE HYDROCHLORIDE * BENZYRIN * DIFFLAM * DORINAMIN * ENZAMIN * EPIROTIN * IMOTRYL * INDOLIN * 1-PROPANAMINE, N,N-DIMETHYL-3-((1-PHENYLMETHYL)-1H-INDAZOL-3-YL)OXY)-, HYDROCHLORIDE * RIRILIM * RIRIPEN * SALYZORON * TAMAS * TANTUM * VERAX

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	orl-rat TDLo:1200 mg/kg (10-15D preg)	OYYAA2 3,271,69
2T72T75	orl-rat TDLo:5600 mg/kg (15-22D preg/21D post)	EESADV 5,307,81
1T81	orl-rat TDLo:240 mg/kg (9-14D preg)	SKNEA7 22,109,72
1T46	orl-rat TDLo:60 mg/kg (9-14D preg)	SKNEA7 22,109,72
1T34	scu-rat TDLo:180 mg/kg (10-15D preg)	OYYAA2 3,271,69
1T46	scu-rat TDLo:900 mg/kg (10-15D preg)	OYYAA2 3,271,69
2T34T81	orl-mus TDLo:240 mg/kg (7-12D preg)	SKNEA7 22,109,72
1T46	orl-mus TDLo:60 mg/kg (7-12D preg)	SKNEA7 22,109,72
1T34	scu-mus TDLo:600 mg/kg (8-13D preg)	OYYAA2 3,271,69
1T46	scu-mus TDLo:120 mg/kg (8-13D preg)	OYYAA2 3,271,69

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:990 mg/kg	NIIRDN 6,772,82
	ipr-rat LD50:100 mg/kg	TXAPA9 10,148,67
*	scu-rat LD50:720 mg/kg	OYYAA2 2,70,68
*	ivn-rat LD50:43500 ug/kg	OYYAA2 2,70,68
3F17F19J25	orl-mus LD50:440 mg/kg	OYYAA2 16,1011,78
	ipr-mus LD50:110 mg/kg	TXAPA9 10,148,67
	scu-mus LD50:218 mg/kg	TXAPA9 10,148,67
	ivn-mus LD50:33 mg/kg	TXAPA9 10,148,67

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NK7885000 1H-INDAZOLE-3-CARBOXYLIC ACID, 1-((4-CHLOROPHENYL)METHYL)-

UPDT 8305 CAS: 50264-86-3 MW: 286.73 MOLFM: C15-H11-Cl-N2-O2

SYN: AF 1312/TS * 1-p-CHLOROBENZYL-1H-INDAZOLE-3-CARBOXYLIC ACID * 1-(4-CHLOROBENZYL)-1H-INDAZOLE-3-CARBOXYLIC ACID * 1-((4-CHLOROPHENYL)METHYL)-1H-INDOLE-3-CARBOXYLIC ACID

MUTATION DATA AND REFERENCES:

	spm-rat-orl 200 mg/kg	EXMPA6 23,288,75
	spm-mky-orl 14400 mg/kg/24W-I	EXMPA6 23,357,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T23T26	orl-rat TDLo:19 gm/kg (63D male)	JRPFA4 50,159,77
1T02	orl-rat TDLo:400 mg/kg (1D male)	JMCMAR 19,778,76
1T01	orl-rat TDLo:500 mg/kg (1D male)	EXMPA6 23,321,75
2T03T09	orl-rat TDLo:3 gm/kg (20D male)	EXMPA6 23,308,75
1T35	orl-rat TDLo:1 gm/kg (6-15D preg)	ARTODN (Suppl 5),197,82

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1140 mg/kg	DRFUD4 3,87,78
*	ipr-rat LD50:58 mg/kg	EXMPA6 23,288,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NK7886000 1H-INDAZOLE-3-CARBOXYLIC ACID, 1-(2,4-DICHLOROBENZYL)-

UPDT 8305 CAS: 50264-69-2 MW: 321.17 MOLFM: C15-H10-Cl2-N2-O2

SYN: AF 1890 * DICA * 1-(2,4-DICHLORBENZYL)-INDAZOLE-3-CARBOXYLIC ACID * 1-(2,4-DICHLOROBENZYL)-1H-INDAZOLE-3-CARBOXYLIC ACID * DICLONDAZOLIC ACID * 1H-INDAZOLE-3-CARBOXYLIC ACID, 1-((2,4-DICHLOROPHENYL)METHYL)- (9CI) * LONIDAMINE

MUTATION DATA AND REFERENCES:

	spm-rat-orl 250 mg/kg/5D-C	EXMPA6 23,357,75
	spm-mky-orl 250 mg/kg/5D	JRPFA4 52,275,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:56 mg/kg (1D male)	JMCMAR 19,778,76
1T53	orl-rat TDLo:350 mg/kg (6-15D preg)	ARTODN (Suppl 5),197,82
3T41T42T47	orl-rat TDLo:175 mg/kg (6-15D preg)	ARTODN (Suppl 5),197,82
1T35	orl-rat TDLo:90 mg/kg (6-15D preg)	ARTODN (Suppl 5),197,82
1T01	orl-mky TDLo:250 mg/kg (5D male)	JRPFA4 52,275,78

TOXICITY DATA AND REFERENCES:

3D17D28F17	orl-rat LD50:1700 mg/kg	CHTHBK 27,91,81
3D17D28F17	ipr-rat LD50:525 mg/kg	CHTHBK 27,91,81
3D17D28F17	orl-mus LD50:900 mg/kg	CHTHBK 27,91,81
3D17D28F17	ipr-mus LD50:435 mg/kg	CHTHBK 27,91,81

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1H-INDAZOLE-3-CARBOXYLIC ACID, 1-((2,4-DICHLOROPHENYL)METHYL)- (9CI) see: NK7886000

NK7920100 1H-INDAZOLE, 5-((p-(DIMETHYLAMINO)PHENYL)AZO)-

UPDT 8406 CAS: 17309-86-3 MW: 265.35 MOLFM: C15-H15-N5

SYN: 5-DIMETHYLAMINOPHENYLAZOINDAZOLE * 5-((p-(DIMETHYLAMINO)PHENYL)AZO)-1H-INDAZOLE

MUTATION DATA AND REFERENCES:

	mma-sat 4 ug/plate	MUREAV 93,67,82

NK7920200 1H-INDAZOLE, 6((p-(DIMETHYLAMINO)PHENYL)AZO)-

UPDT 8401 CAS: 17309-87-4 MW: 265.35 MOLFM: C15-H15-N5

SYN: 6-((p-(DIMETHYLAMINO)PHENYL)AZO)-1H-INDAZOLE * N,N-DIMETHYL-p-(6-INDAZYLAZO)ANILINE * N,N-DIMETHYL-4-(6-1H-INDAZYLAZO)ANILINE

MUTATION DATA AND REFERENCES:

	mma-sat 20 ug/plate	MUREAV 93,67,82

TUMORIGENIC DATA AND REFERENCES:

2V01L60	orl-rat TDLo:2700 mg/kg/21W-C	JMCMAR 12,1113,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NK7920300 1H-INDAZOLE, 7-((p-(DIMETHYLAMINO)PHENYL)AZO)-

UPDT 8303 MW: 265.35 MOLFM: C15-H15-N5

SYN: 7-((p-(DIMETHYLAMINO)PHENYL)AZO)-1H-INDAZOLE

MUTATION DATA AND REFERENCES:

	mma-sat 4 ug/plate	MUREAV 93,67,82

NK7926500 2H-INDAZOLE, 2-(p-FLUOROPHENYL)-

UPDT 8303 MW: 212.24 MOLFM: C13-H9-F-N2

SYN: 2-(p-FLUOROPHENYL)-2H-INDAZOLE * M.G. 18841

TOXICITY DATA AND REFERENCES:

3F05F11F19	ipr-mus LD50:600 mg/kg	FRPSAX 36,1037,81

NK7952000 INDAZOLE, 1-METHYL-4-(2-(1,3-OXAZINYLIDENEAMINO))-

UPDT 8311 MW: 230.30 MOLFM: C12-H14-N4-O

SYN: 1-METHYL-4-(2-(1,3-OXAZINYLIDENEAMINO))INDAZOLE

MUTATION DATA AND REFERENCES:

	mma-sat 1 umol/plate	ENMUDM 5,527,83

NK7952500 INDAZOLE, 1-METHYL-4-(2-OXAZOLIDINYLIDENEAMINO)-

UPDT 8311 MW: 216.27 MOLFM: C11-H12-N4-O

SYN: 1-METHYL-4-(2-OXAZOLINE-2-YLAMINO)-INDAZOLE * 1-METHYL-4-(2-OXAZOLIDINYLIDENEAMINO)INDAZOLE

MUTATION DATA AND REFERENCES:

	mma-sat 25 ug/plate	ENMUDM 5,527,83
	mma-sat 25 ug/plate	ENMUDM 5,527,83
	dnr-esc 6 mg/disc	ENMUDM 5,527,83
	mmo-smc 125 mg/L	ENMUDM 5,527,83
	mma-smc 125 mg/L	ENMUDM 5,527,83
	mrc-smc 125 mg/L	ENMUDM 5,527,83
	msc-ham:lng 1500 mg/L	ENMUDM 5,527,83

2-(4-(2H-INDAZOL-2-IL)FENIL)PROPANOLO (Italian) see: SG8453000

2-(4-(2H-INDAZOL-2-IL)FENIL)PROPIONIDRAZIDE (Italian) see: UF4894700

p-(2H-INDAZOL-2-YL)-BENZOIC ACID see: DH2970000

o-(2H-INDAZOL-2-YL)BENZONITRILE see: DI4625000

4-(2H-INDAZOL-2-YL)-beta-METHYL-PHENETHYL ALCOHOL see: SG8453000

2-(p-(2H-INDAZOL-2-YL)PHENOL)-1-PROPANOL see: SG8453000

(p-(2H-INDAZOL-2-YL)PHENYL)ACETIC ACID see: AI3120000

3-(p-(2H-INDAZOL-2-YL)PHENYL)-2-BUTANONE see: EL8570000

2-(p-(2H-INDAZOL-2-YL)PHENYL)BUTYRIC ACID see: ET4870000

4-(p-(2H-INDAZOL-2-YL)PHENYL)BUTYRIC ACID see: ET4870010

2-(p-(2H-INDAZOL-2-YL)PHENYL)-2-METHYLPROPIONIC ACID see: UF4894900

2-(p-(2H-INDAZOL-2-YL)PHENYL)PROPIONIC ACID see: UF4894000

3-(p-(2H-INDAZOL-2-YL)PHENYL)PROPIONIC ACID see: UF4894300

2-(p-(2H-INDAZOL-2-YL)PHENYL)PROPIONIC ACID 2-(DIMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: UF4894500

2-(p-(2H-INDAZOL-2-YL)PHENYL)PROPIONIC ACID ETHYL ESTER see: UF4894600

2-(p-(2H-INDAZOL-2-YL)PHENYL)PROPIONIC ACID HYDRAZIDE see: UF4894700

2-(p-(2H-INDAZOL-2-YL)PHENYL)PROPIONIC ACID LYSINE SALT see: UF4894800

INDEMA see: NK6125000

NK8225000 INDENE

UPDT 8201 CAS: 95-13-6 MW: 116.17 MOLFM: C9-H8

SYN: INDONAPHTHENE

REVIEW AND REFERENCES:

★	TLV-TWA 10 ppm; STEL 15 ppm	DTLVS* 4,229,80

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

1H-INDENE-1-CARBOXYLIC ACID, 6-CHLORO-5-CYCLOHEXYL-2,3-DIHYDRO- (9CI) see: NK4503000

1H-INDENE-1-CARBOXYLIC ACID, 6-CHLORO-5-CYCLOHEXYL-2,3-DIHYDRO-, (+-)- (9CI) see: NK4510000

1H-INDENE-1-CARBOXYLIC ACID, 2,3-DIHYDRO-6-CHLORO-5-CYCLOHEXYL-, (+-) see: NK4510000

NK8350000 INDENE, 1-(4-DIMETHYLAMINOBENZYLIDENE)-

UPDT 8401 CAS: 443-30-1 MW: 247.36 MOLFM: C18-H17-N

SYN: DABI * 1-(4-DIMETHYLAMINOBENZAL)INDENE * (4-DIMETHYLAMINOBENZYLIDENE)INDENE * N,N-DIMETHYL-alpha-INDOLYLIDENE-p-TOLUIDINE * 4-(1H-INDEN-1-YLIDENEMETHYL)-N,N-DIMETHYLBENZENAMINE * NSC-80087 * p-TOLUIDINE, N,N-DIMETHYL-alpha-INDOLYLIDENE

TUMORIGENIC DATA AND REFERENCES:

2V03R60T63	orl-rat TDLo:270 mg/kg/15D-I	NATUAS 222,383,69
2V03L60	orl-mus TDLo:4000 mg/kg/26W-C	PTEUA6 7,229,72

TOXICITY DATA AND REFERENCES:

	ipr-rat LDLo:2000 mg/kg	JMCMAR 13,770,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1H-INDENE-1,3(2H)-DIONE, 5-BROMO-2-PHENYL- see: NK5156000

1H-INDENE-2-ETHANAMINE, N,N-DIMETHYL-3-(1-(2-PYRIDINYL)ETHYL)-, (Z)-2-BUTENEDIOATE (1:1) see: UT0830000

NK8600000 INDENE, 1-(4-N-METHYL-N-NITROSAMINOBENZYLIDENE)-
UPDT:8401 CAS: 16699-07-3 MW: 262.33 MOLFM: C17-H14-N2-O
SYN: 4-(1-H-INDEN-1-YLIDENEMETHYL)-N-METHYL-N-NITROSOBENZENAMINE * 1-(4-N-METHYL-N-NITROSAMINOBENZYLIDENE)INDENE * NSC-101993
TUMORIGENIC DATA AND REFERENCES:
3V01D45L60 orl-rat TDLo:238 gm/kg/34W-C JNCIAM 51,1313,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NK8750000 INDENE, 3a,4,7,7a-TETRAHYDRO-
UPDT:8307 CAS: 3048-65-5 MW: 120.21 MOLFM: C9-H12
SYN: BICYCLO(4.3.0)NONA-3,7-DIENE * 1H-INDENE, 3a,4,7,7a-TETRAHYDRO- * 3a,4,7,7a-TETRAHYDROINDENE * 3a,4,7,7a-TETRAHYDRO-1H-INDENE * 4,7,8,9-TETRAHYDROINDENE * TETRAHYDROINDENE (Russian)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3730 mg/kg AIHAAP 30,470,69
* orl-mus LD50:3500 mg/kg GTPZAB 18(10),52,74
* skn-rbt LD50:14100 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1H-INDENE, 3a,4,7,7a-TETRAHYDRO- see: NK8750000

NK8927180 INDENO(5,4-e)INDOLIUM, 2,3,3a,3b,4,5,5a,6,7,8,8a,8b,9,10-TETRADECAHYDRO-1,3a,5a-TRIMETHYL- 6-OCTYL-, IODIDE
UPDT:8311 MW: 499.63 MOLFM: C26-H48-N · I
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:500 mg/kg PCJOAU 16,368,82

INDENOLOL HYDROCHLORIDE see: UB6649000
INDENOLOL HYDROCHLORIDE see: UB6650000
INDENOLOL HYDROCHLORIDE see: UB6651000
SD 2203-01 see: UC1638000

NK9100000 13H-INDENO(1,2-l)PHENANTHRENE
UPDT:8401 CAS: 201-65-0 MW: 266.35 MOLFM: C21-H14
SYN: 1,2,3,4-DIBENZFLUORENE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:1040 mg/kg/43W-I PRLBA4 129,439,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NK9150000 INDENO(1,2-c)PYRAZOL-4-OL, 1,4-DIHYDRO-3-tert-BUTYL-4-(3-(DIMETHYLAMINO)PROPYL)-1-ETHYL-
UPDT:8402 CAS: 68946-21-4 MW: 341.55 MOLFM: C21-H31-N3-O
SYN: 3-tert-BUTYL-4-(3-(DIMETHYLAMINO)PROPYL)-1-ETHYL-1,4-DIHYDROINDENO(1,2-c)PYRAZOL-4-OL
TOXICITY DATA AND REFERENCES:
2F17U26 ipr-mus LD50:421 mg/kg JPMSAE 67,1377,78

NK9160000 INDENO(1,2-c)PYRAZOL-4-OL, 1,4-DIHYDRO-3-tert-BUTYL-1-ETHYL-4-(1-METHYL-4-PIPERIDYL)-
UPDT:8402 CAS: 68946-08-7 MW: 353.56 MOLFM: C22-H31-N3-O
SYN: 3-tert-BUTYL-1-ETHYL-4-(1-METHYL-4-PIPERIDYL)-1,4-DIHYDROINDENO(1,2-c)PYRAZOL-4-OL
TOXICITY DATA AND REFERENCES:
2F17U26 ipr-mus LD50:319 mg/kg JPMSAE 67,1377,78

NK9165000 INDENO(1,2-c)PYRAZOL-4-OL, 1,4-DIHYDRO-4-(3-(DIMETHYLAMINO)PROPYL)-1-ETHYL-3-METHYL-
UPDT:8402 CAS: 68946-06-5 MW: 299.46 MOLFM: C18-H25-N3-O
SYN: 4-(3-(DIMETHYLAMINO)PROPYL)-1-ETHYL-3-METHYL-1,4-DIHYDROINDENO(1,2-c)PYRAZOL-4-OL
TOXICITY DATA AND REFERENCES:
2F17U26 ipr-mus LD50:469 mg/kg JPMSAE 67,1377,78

NK9170000 INDENO(1,2-c)PYRAZOL-4-OL, 2,4-DIHYDRO-4-(3-(DIMETHYLAMINO)PROPYL)-2-ETHYL-3-METHYL-
UPDT:8402 CAS: 68946-10-1 MW: 299.46 MOLFM: C18-H25-N3-O
SYN: 4-(3-(DIMETHYLAMINO)PROPYL)-2-ETHYL-3-METHYL-2,4-DIHYDROINDENO(1,2-c)PYRAZOL-4-OL
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:449 mg/kg JPMSAE 67,1377,78

NK9175000 INDENO(1,2-c)PYRAZOL-4-OL, 1,4-DIHYDRO-4-(3-(DIMETHYLAMINO)PROPYL)-1-ETHYL-3-PHENYL-
UPDT:8402 MW: 349.52 MOLFM: C22-H27-N3-O
SYN: 4-(3-(DIMETHYLAMINO)PROPYL)-1-ETHYL-3-PHENYL-1,4-DIHYDROINDENO(1,2-c)PYRAZOL-4-OL
TOXICITY DATA AND REFERENCES:
2F17U26 ipr-mus LD50:148 mg/kg JPMSAE 67,1377,78

NK9176000 INDENO(1,2-c)PYRAZOL-4-OL, 1,4-DIHYDRO-1-ETHYL-3-METHYL-4-(1-METHYL-4-PIPERIDYL)-
UPDT:8402 CAS: 68946-09-8 MW: 311.47 MOLFM: C19-H25-N3-O
SYN: 1-ETHYL-3-METHYL-4-(1-METHYL-4-PIPERIDYL)-1,4-DIHYDROINDENO(1,2-c)PYRAZOL-4-OL
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:422 mg/kg JPMSAE 67,1377,78

NK9177000 INDENO(1,2-c)PYRAZOL-4-OL, 2,4-DIHYDRO-2-ETHYL-3-METHYL-4-(1-METHYL-4-PIPERIDYL)-
UPDT:8402 CAS: 68946-22-5 MW: 311.47 MOLFM: C19-H25-N3-O
SYN: 2-ETHYL-3-METHYL-4-(1-METHYL-4-PIPERIDYL)-2,4-DIHYDROINDENO(1,2-c)PYRAZOL-4-OL
TOXICITY DATA AND REFERENCES:
2F17U26 ipr-mus LD50:572 mg/kg JPMSAE 67,1377,78

NK9178000 INDENO(1,2-c)PYRAZOL-4-OL, 1,4-DIHYDRO-1-ETHYL-4-(1-METHYL-4-PIPERIDYL)-3-PHENYL)-
UPDT:8402 CAS: 68946-07-[illegible] MW: 361.53 MOLFM: C23-H27-N3-O
SYN: 1-ETHYL-4-(1-METHYL-4-PIPERIDYL)-3-PHENYL-1,4-DIHYDROINDENO(1,2-c)PYRAZOL-4-OL
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:168 mg/kg JPMSAE 67,1377,78

NK9300000 INDENO(1,2,3-cd)PYRENE
UPDT:8406 CAS: 193-39-5 MW: 276.34 MOLFM: C22-H12
SYN: IP * 2,3-PHENYLENEPYRENE * 2,3-o-PHENYLENEPYRENE * 1,10-(ortho-PHENYLENE)PYRENE * 1,10-(1,2-PHENYLENE)PYRENE * RCRA WASTE NUMBER U137
MUTATION DATA AND REFERENCES:
mma-sat 3 ug/plate/48H FCTXAV 17,141,79
otr-ham:lng 100 ug/L TXCYAC 17,149,80
TUMORIGENIC DATA AND REFERENCES:
3V01J60V10 imp-rat TDLo:4150 ug/kg JJIND8 71,539,83
2V01V10 scu-mus TDLo:72 mg/kg/9W-I AICCA6 19,490,63
3V01J60V10 imp-rat TD:20750 ug/kg JJIND8 71,539,83
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pc,4,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 3,229,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 32,373,83
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NK9456600 1H-INDENO(1,2-c)PYRIDINE, 2,3,4,4a,5,9b-HEXAHYDRO-2-ETHYL-7-METHYL-5-p-TOLYL-, HYDROCHLORIDE, (4aRS,5RS,9bRS)-
UPDT:8408 MW: 305.50 MOLFM: C22-H27-N
SYN: COMPOUND 20-438
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1101 orl-rat TDLo:30 mg/kg (1D male) TJADAB 24(2),50A,81
1T09 orl-rat TDLo:7500 ug/kg (1D male) TJADAB 24(2),50A,81
1T02 orl-rat TDLo:50 mg/kg (1D male) ARTODN (Suppl 1),323,78
2T23T24 orl-mus TDLo:10 mg/kg (1D male) MUREAV 66,113,79
1T02 orl-mus TDLo:30 mg/kg (1D male) MUREAV 66,113,79
1T01 orl-dog TDLo:210 mg/kg (7D male) ARTODN (Suppl 1),323,78
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:400 mg/kg MUREAV 66,113,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NK9459500 1H-INDENO(2,1-b)PYRIDINE, 2,3,9,9a-TETRAHYDRO-1-METHYL-, MONOHYDROCHLORIDE
UPDT:8303 MW: 221.75 MOLFM: C13-H15-N · Cl-H
SYN: 1-METHYL-1,2,3,9a-TETRAHYDRO-1-AZAFLUORENE HYDROCHLORIDE * 2,3,9,9a-TETRAHYDRO-1-METHYL-1H-INDENO(2,1-b)PYRIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F02F17 ims-mus LD50:75 mg/kg PCJOAU 15,583,81

NK9459800 1H-INDENO(2,1-c)PYRIDINE, 2,3,4,9-TETRAHYDRO-2-METHYL-9-PHENYL-, HYDROGEN TARTRATE
UPDT:8407 MW: 411.49 MOLFM: C19-H19-N · C4-H6-O6
SYN: 2-METHYL-9-PHENYL-2,3,4,9-TETRAHYDRO-1-PYRIDINDENEHYDROGEN TARTRATE * NU 1504 HYDROGEN TARTRATE * PERNOVIN * PHENINDAMINE HYDROGEN TARTRATE * 1,2,3,4-TETRAHYDRO-2-METHYL-9-PHENYL-2-AZAFLUORENE HYDROGEN TARTRATE * 2,3,4,9-TETRAHYDRO-2-METHYL-9-PHENYL-1H-INDENO-(2,1-c)PYRIDINE HYDROGEN TARTRATE * THEPHORIN HYDROGEN TARTRATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:280 mg/kg 85ESA3 9,939,76
* orl-mus LD50:265 mg/kg JPETAB 105,291,52
1G30 ipr-mus LD50:88 mg/kg JPETAB 105,291,52
* ivn-mus LD50:27 mg/kg JPETAB 105,291,52
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NK9460080 1H-INDENO(2,1-b)PYRIDIN-9-OL, 2,3,9,9a-TETRAHYDRO-1-METHYL-, BENZOATE (ester), MONOHYDROCHLORIDE
UPDT:8303 MW: 341.86 MOLFM: C20-H19-N-O2 · Cl-H
SYN: 1-METHYL-9-BENZOYLOXY-1,2,3,9a-TETRAHYDRO-1-AZAFLUORENE HYDROCHLORIDE * 2,3,9,9a-TETRAHYDRO-1-METHYL-1H-INDENO(2,1-b)PYRIDIN-9-OL BENZOATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F02F17 ims-mus LD50:300 mg/kg PCJOAU 15,583,81

NK9460090 1H-INDENO(2,1-b)PYRIDIN-9-OL, 2,3,9,9a-TETRAHYDRO-1-METHYL-, MONOHYDROCHLORIDE
UPDT:8303 MW: 237.75 MOLFM: C13-H15-N-O · Cl-H
SYN: 1-METHYL-9-HYDROXY-1,2,3,9a-TETRAHYDRO-1-AZAFLUORENE HYDROCHLORIDE * 2,3,9,9a-TETRAHYDRO-1-METHYL-1H-INDENO(2,1-b)PYRIDIN-9-OL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F02F17 ims-mus LD50:100 mg/kg PCJOAU 15,583,81

4-(1H-INDEN-1-YLIDENEMETHYL)-N,N-DIMETHYLBENZENAMINE see: NK8350000
4-(1-H-INDEN-1-YLIDENEMETHYL)-N-METHYL-N-NITROSOBENZENAMINE see: NK8600000
4-INDEN-2-YL-1-METHYL-PIPERIDINE FUMARATE see: TN0404300
1-(4(or 7)-INDENYLOXY)-3-(ISOPROPYLAMINO)-2-PROPANOL HYDROCHLORIDE see: UB6649000
1-(7-INDENYLOXY)-3-ISOPROPYLAMINOPROPAN-2-OL HYDROCHLORIDE, (+-)- see: UB6650000
2-((1H-INDEN-4(or 7)-YLOXY)METHYL)-4-ISOPROPYLMORPHOLINE see: QE5212000
2-((1H-INDEN-4(or 7)-YLOXY)METHYL)-4-METHYLMORPHOLINE see: QE5214000
2-((1H-INDEN-4(or 7)-YLOXY)METHYL)MORPHOLINE see: QE5204000
2-((1H-INDEN-7-YLOXY)METHYL)MORPHOLINE HYDROCHLORIDE see: QE5210000
2-(7-INDENYLOXYMETHYL)MORPHOLINE HYDROCHLORIDE see: QE5210000
2-((1H-INDEN-4(or 7)-YLOXY)METHYL)-4-PROPYLMORPHOLINE see: QE5216000
INDEPENDENCE RED see: QK4247000
INDERAL see: UB7500000
INDERAL see: UB7525000
INDERAL HYDROCHLORIDE see: UB7525000
INDEREX see: UB7525000
INDEROL see: UB7525000
INDI see: EK7795000
INDIAN BERRY see: TJ9100000
INDIAN CANNABIS see: EX6300000
INDIAN GUM see: CE5945000
INDIAN HEMP see: EX6300000
INDIAN LICORICE SEED see: AA5250000
INDIAN POKE see: YX7875000
INDIAN RED see: NO7400000
INDIAN RED see: OF9800000
INDIA RUBBER see: VL8020000
INDICINE N-OXIDE see: EK7795000
INDIGENOUS PEANUT OIL see: RX2830000 PEANUT OIL
INDIGO see: DU2988400
INDIGO BLUE see: DU2988400
INDIGO BLUE 2B see: QJ6400000
INDIGO CARMINE see: DU3000000
INDIGO CARMINE A see: DU3000000
INDIGO CARMINE AC see: DU3000000
INDIGO CARMINE (BIOLOGICAL STAIN) see: DU3000000
INDIGO CARMINE BP see: DU3000000
INDIGO CARMINE CONC. FQ see: DU3000000
INDIGO CARMINE DISODIUM SALT see: DU3000000
INDIGO CARMINE POWDER see: DU3000000
INDIGO CARMINE X see: DU3000000
INDIGO CIBA see: DU2988400
INDIGO CIBA SL see: DU2988400
INDIGO DISULFONATE (BIOLOGICAL STAIN) see: DU3000000
INDIGO EXTRACT see: DU3000000

NL0350000 INDIGOFERA ARBOREA Prain, extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 11,43,73)
UPDT:8302
SYN: GIRLEE EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

NL0355000 INDIGOFERA ASTRAGALINA DC., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

NL0360000 INDIGOFERA DOSUA Buch.-Ham., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 9,91,71)
UPDT:8302
SYN: KATHY EXTRACT
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

NL0365000 INDIGOFERA GLANDULOSA Willd., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

NL0370000 INDIGOFERA HETERANTHA Wall., extract excluding roots
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 6,232,68)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:700 mg/kg IJEBA6 6,232,68

NL0380000 INDIGOFERA HIRSUTA, wood extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
1K12 ipr-mus LD50:31 mg/kg CPBTAL 13,882,65

NL0390000 INDIGOFERA MYSORENSIS Rottl., extract excluding roots
DEF: Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8402
TOXICITY DATA AND REFERENCES:
2M10V30 ipr-mus LD50:31250 ug/kg IJEBA6 15,208,77

NL0400000 INDIGOFERA SPICATA, seed extract
UPDT:8307
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T43 orl-rat TDLo:10 gm/kg (13D preg) BJEPA5 48,620,67
1T75 orl-rat TDLo:5 gm/kg (13D preg) BJEPA5 48,620,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

INDIGO J see: DU2988400
INDIGO N see: DU2988400
INDICO NAC see: DU2988400
INDIGO NACCO see: DU2988400
INDIGO P see: DU2988400
INDIGO PLN see: DU2988400
INDIGO POWDER W see: DU2988400
INDIGO PURE BASF see: DU2988400
INDIGO PURE BASF POWDER K see: DU2988400
INDIGO SYNTHETIC see: DU2988400
INDIGOTIN see: DU2988400
5,5'-INDIGOTINDISULFONIC ACID see: DU3000000
INDIGOTINE see: DU3000000
INDIGOTINE B see: DU3000000
INDIGOTINE BLUE LZ see: DU3000000
INDIGOTINE CONC. POWDER see: DU3000000
INDIGOTINE DISODIUM SALT see: DU3000000
INDIGOTINE EXTRA PURE A see: DU3000000
INDIGOTINE I see: DU3000000
INDIGOTINE LAKE see: DU3000000
INDIGOTINE N see: DU3000000
INDIGOTIN I see: DU3000000
INDIGO VS see: DU2988400
INDIGO YELLOW see: LK9275200
INDION see: NK6125000
INDISAN see: GW0878000

NL1050000 INDIUM
UPDT:8408 CAS: 7440-74-6 MW: 114.82 MOLFM: In
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:10 mg/kg 28ZLAB -,144,61
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADTEAS 5,51,72
★ TLV-TWA 100 ug/m3; STEL 300 ug/m3 DTLVS* 4,229,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NL1400000 INDIUM CHLORIDE
UPDT:8405 CAS: 10025-82-8 MW: 221.17 MOLFM: Cl3-In
SYN: INDIUM TRICHLORIDE
MUTATION DATA AND REFERENCES:
dnd-mam:lym 40 umol/L JCHODP 7,411,76
TOXICITY DATA AND REFERENCES:
2D07R21 scu-rat LDLo:10 mg/kg JIHTAB 24,243,42
ipr-mus LD50:5 mg/kg COREAF 256,1043,63
scu-mus LDLo:60 mg/kg EQSSDX 1,1,75
scu-rbt LDLo:2350 ug/kg EQSSDX 1,1,75
3D07F18U01 ivn-rbt LDLo:548 ug/kg JIHTAB 24,243,42
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

INDIUM TRICHLORIDE see: NL1400000
INDOBLOC see: UB7525000
INDOCARMINE T see: DU3000000
INDOCID see: NL3500000
INDOCIN see: NL3500000
INDOCYBIN see: NM3150000
INDOL (German) see: NL2450000
3-INDOLACETONITRILE see: AM0700000
INDOLACIN see: NL3523000

NL2450000 INDOLE
UPDT:8408 CAS: 120-72-9 MW: 117.16 MOLFM: C8-H7-N
SYN: 1-AZAINDENE * 1-BENZAZOLE * BENZOPYRROLE * 2,3-BENZOPYRROLE * INDOL (German) * KETOLE
TUMORIGENIC DATA AND REFERENCES:
2V01P61 scu-mus TDLo:1000 mg/kg/25W-I KLWOAZ 35,504,57
2V03V15 scu-mus TD :2000 mg/kg/20W-I AICCA6 19,660,63
2V03P61 scu-mus TD :120 mg/kg/12W-I VOONAW 10(9),70,64
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1000 mg/kg AIHAAP 23,95,62
ipr-mus LD50:300 mg/kg EJMCA5 9,453,74
scu-mus LD50:225 mg/kg KLWOAZ 35,504,57
* skn-rbt LD50:790 mg/kg AIHAAP 23,95,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1H-INDOLE-3-ACETAMIDE, 1-(4-CHLOROBENZOYL)-N-HYDROXY-5-METHOXY-2-METHYL- (9CI) see: NL3668500

NL2534000 1H-INDOLE-3-ACETAMIDE, N-HYDROXY-5-METHOXY-2-METHYL-
UPDT:8311 CAS: 34024-41-4 MW: 234.28 MOLFM: C12-H14-N2-O3
SYN: N-HYDROXY-5-METHOXY-2-METHYL-1H-INDOLE-3-ACETAMIDE * 5-METHOXY-2-METHYL-3-INDOLYLACETOHYDROXAMSAURE (German)
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:980 mg/kg GWXXBX #3032458

INDOLE, 3-ACETATO- see: AI3325000
beta-INDOLEACETIC see: NL3150000
beta-INDOLEACETIC ACID see: NL3150000
beta-INDOLE-3-ACETIC ACID see: NL3150000

NL3150000 1H-INDOLE-3-ACETIC ACID
UPDT:8402 CAS: 87-51-4 MW: 175.20 MOLFM: C10-H9-N-O2
SYN: ACETIC ACID, INDOLYL- * HETEROAUXIN * HEXTEROAUXIN * IAA * 3-IAA * beta-INDOLEACETIC * beta-INDOLEACETIC ACID * beta-INDOLE-3-ACETIC ACID * 3-INDOLEACETIC ACID * alpha-INDOL-3-YL-ACETIC ACID * beta-INDOLYLACETIC ACID * INDOLYL-3-ACETIC ACID * 3-INDOLYLACETIC ACID * RHIZOPIN * omega-SKATOLE CARBOXYLIC ACID
MUTATION DATA AND REFERENCES:
mrc-asn 1150 umol/L CRNGDP 4,1409,83
sln-asn 1150 umol/L CRNGDP 4,1409,83
dnd-sal:spr 250 umol/L PYTCAS 11,3135,72
dnd-mam:lym 250 umol/L PYTCAS 11,3135,72
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T43 orl-rat TDLo:4500 mg/kg (7-15D preg) TJADAB 19,321,79
1T46 orl-rat TDLo:450 mg/kg (7-15D preg) TJADAB 19,321,79
3T34T35T41 orl-mus TDLo:4500 mg/kg (7-15D preg) TJADAB 19,321,79
3T42T43T46 orl-mus TDLo:4500 mg/kg (7-15 preg) TJADAB 19,321,79
TUMORIGENIC DATA AND REFERENCES:
2V03V15 scu-mus TDLo:2000 mg/kg/20W-I AICCA6 19,660,63
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:150 mg/kg NTIS** AD691-490
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3-INDOLEACETIC ACID see: NL3150000

NL3400000 INDOLE-1-ACETIC ACID, 3-(p-CHLOROBENZOYL)-6-CHLORO-alpha,2-DIMETHYL-
UPDT:8407 CAS: 57329-97-2 MW: 376.25 MOLFM: C19-H15-Cl2-N-O3
SYN: 3-(p-CHLOROBENZOYL)-6-CHLORO-alpha,2-DIMETHYL-1-INDOLEACETIC ACID * RU 4571
TOXICITY DATA AND REFERENCES:
orl-mus LD50:500 mg/kg EJMCA5 10,187,75

NL3490000 INDOLE-1-ACETIC ACID, 3-(p-CHLOROBENZOYL)-6-METHOXY-2-METHYL-
UPDT:8408 CAS: 25803-14-9 MW: 357.81 MOLFM: C19-H16-Cl-N-O4
SYN: C 1656 * CARBOXYMETHYL-1 METHYL-2 p-CHLOROBENZOYL-3 INDOLE (French) * 3-(p-CHLOROBENZYL)-6-METHOXY-2-METHYL-1-INDOLEACETIC ACID * CLOMETACIN * RU 3959
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1 gm/kg EJMCA5 10,187,75

NL3500000 INDOLE-3-ACETIC ACID, 1-(p-CHLOROBENZOYL)-5-METHOXY-2-METHYL-
UPDT:8412 CAS: 53-86-1 MW: 357.81 MOLFM: C19-H16-Cl-N-O4
SYN: AMUNO * ARTRACIN * ARTRINOVO * ARTRIVIA * N-p-CHLORBENZOYL-5-METHOXY-2-METHYLINDOLE-3-ACETIC ACID * 1-(p-CHLOROBENZOYL)-5-METHOXY-2-METHYLINDOLE-3-ACETIC ACID * (1-p-CHLOROBENZOYL-5-METHOXY-2-METHYLINDOL-3-YL)ACETIC ACID * 1-(p-CHLOROBENZOYL)-2-METHYL-5-METHOXYINDOLE-3-ACETIC ACID * 1-(p-CHLOROBENZOYL)-2-METHYL-5-METHOXY-3-INDOLE-ACETIC ACID * alpha-(1-(p-CHLOROBENZOYL)-2-METHYL-5-METHOXY-3-INDOLYL)ACETIC ACID * 1-p-CLORO-BENZOIL-5-METOXI-2-METILINDOL-3-ACIDO ACETICO (Spanish) * CONFORTID * DOLOVIN * IDOMETHINE * IMBRILON * INACID * INDACIN * INDOCID * INDOCIN * INDOMECOL * INDOMED * INDOMEE * INDOMETACIN * INDOMETACINE * INDOMETHACIN * INDOMETHACINE * INDOMETHAZINE * INDOMETICINA (Spanish) * INDOPTIC * INDO-RECTOLMIN * INDO-TABLINEN * INFLAZON * INFROCIN * INTEBAN SP * LAUSIT * METACEN * METARTRIL * METHAZINE * METINDOL * MEZOLIN * MIKAMETAN * MOBILAN * NCI-C56144 * REUMACIDE * SADOREUM * TANNEX
MUTATION DATA AND REFERENCES:
dni-mus-skn 44 umol/kg RCOCB8 24,533,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T49T77 orl-wmn TDLo:1500 ug/kg (36W preg) JOPDAB 92,478,78
1T55 ivn-wmn TDLo:18 mg/kg (33-34W preg) AOGSAE 61,183,82
1T53 unk-wmn TDLo:4 mg/kg (10W preg) MIPEA5 27,675,75
1T47 orl-rat TDLo:1 mg/kg (21D preg) OYYAA2 27,117,84
3T16T71T72 orl-rat TDLo:300 ug/kg (21-22D preg) NATUAS 240,21,72
2T47T49 orl-rat TDLo:10 mg/kg (17-22D preg) PEREBL 15,147,81
2T31T34 orl-rat TDLo:12 mg/kg (5-16D preg) RCOCB8 7,701,74
3T25T35T59 orl-rat TDLo:20 mg/kg (1-21D preg) IRLCDZ 3,300,75
1T29 ipr-rat TDLo:2500 ug/kg (1D pre) PROMDL 7,29,81
1T29 ipr-rat TDLo:4150 ug/kg (1D pre) PRGLBA 1,21,72
1T24 scu-rat TDLo:5 mg/kg (5D preg) BIREBV 16,286,77
1T29 scu-rat TDLo:2500 ug/kg (1D pre) PRGLBA 1,3,72
2T13T24 scu-rat TDLo:12 mg/kg (3-4D preg) JRPFA4 62,73,81
1T19 scu-rat TDLo:9 mg/kg (9D pre) ACENA7 78,343,75
1T47 unk-rat TDLo:3 mg/kg (20D preg) TJADAB 30(1),20A,84
1T24 iut-rat TDLo:500 ug/kg (4D preg) CCPTAY 24,283,81
3T25T26T29 ivg-rat TDLo:125 mg/kg (7D preg) RDCNBM 1,177,74
3T34T41T42 orl-mus TDLo:10 mg/kg (7D preg) SEIJBO 17,177,77
2T43T46 orl-mus TDLo:10 mg/kg (7D preg) SEIJBO 17,177,77
1T24 scu-mus TDLo:9 mg/kg (2D preg) PRGLBA 4,795,73
3T25T35T45 scu-mus TDLo:40 mg/kg (8-15D preg) ANANAU 136,349,74
1T46 scu-mus TDLo:40 mg/kg (8-15D preg) ANANAU 136,349,74
2T13T29 scu-mus TDLo:8 mg/kg (1D pre) FESTAS 25,636,74
1T29 par-mus TDLo:8 mg/kg (1D pre) JRPFA4 40,467,74
3T16T81T86 orl-mky TDLo:496 mg/kg (21-26W preg) FESTAS 27,588,76
1T31 orl-mky TDLo:747 mg/kg (21-26W preg) AJOGAH 118,412,74
1T29 ims-mky TDLo:6 mg/kg (2D pre) CCPTAY 27,505,83
1T16 orl-rbt TDLo:96 mg/kg (20-31D preg) BIREBV 15,551,76
1T47 orl-rbt TDLo:10 mg/kg (29D preg) PRGLBA 9,585,75
1T27 orl-rbt TDLo:6 mg/kg (2D pre) JJPAAZ 28,909,78
1T32 scu-rbt TDLo:1590 ug/kg (6D preg) BIREBV 29,833,83
1T16 scu-rbt TDLo:48 mg/kg (23-28D preg) JOENAK 64,363,75
2T24T26 scu-rbt TDLo:32 mg/kg (5-6D preg) PRGLBA 20,587,80
3T29T31T34 scu-rbt TDLo:24 mg/kg (4-7D preg) BIREBV 18,148,78
1T26 scu-rbt TDLo:64 mg/kg (9-12D preg) BIREBV 18,148,78
2T35T47 scu-rbt TDLo:20 mg/kg (26-29D preg) CJPPA3 58,212,80
2T25T26 ivn-rbt TDLo:148 mg/kg (1-9D preg) JRPFA4 46,375,76
1T29 ivn-rbt TDLo:20 mg/kg (1D pre) FESTAS 39,85,83
1T29 ivn-rbt TDLo:20 mg/kg (1D pre) PRGLBA 1,89,72
1T29 ims-rbt TDLo:7500 ug/kg (1D pre) BIREBV 19,552,78
1T24 ims-rbt TDLo:5500 ug/kg (1-3D preg) BIREBV 14,451,76
1T29 par-rbt TDLo:2500 ng/kg (1D pre) LIFSAK 14,129,74
1T14 scu-gpg TDLo:240 mg/kg (12D pre) BJPCBM 49,98,73
1T14 iut-gpg TDLo:66640 ug/kg (9D pre) BJPCBM 49,98,73
1T19 scu-ham TDLo:144 mg/kg (18D pre) ACENA7 78,343,75
1T47 orl-mam TDLo:1 mg/kg (21D preg) TJADAB 30(1),15A,84
TOXICITY DATA AND REFERENCES:
1F10 orl-wmn TDLo:20 gm/kg/4Y JAMAAP 239,885,78
3F08F10U01 orl-hmn TDLo:2433 mg/kg/4Y BMJOAE 2,994,77
orl-rat LD50:12 mg/kg TXAPA9 18,185,71
ipr-rat LD50:13 mg/kg TXAPA9 38,127,76
* scu-rat LD50:12 mg/kg OYYAA2 2,70,68
* ivn-rat LD50:35 mg/kg OYYAA2 7,333,73
* orl-mus LD50:14500 ug/kg ARZNAD 34,280,84
1K06 ipr-mus LD50:20 mg/kg JMCMAR 26,1706,83
scu-mus LD50:25 mg/kg ARZNAD 19,1198,69
* ivn-mus LD50:74 mg/kg ARZNAD 23,1215,73
* orl-dog LD50:160 mg/kg OYYAA2 2,70,68
* ivn-cat LDLo:20200 ug/kg ARZNAD 33,726,83
* orl-rbt LD50:135 mg/kg NIIRDN 6,90,82
* orl-gpg LD50:100 mg/kg OYYAA2 2,70,68
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTOXAO 17,85,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NL3520500 1H-INDOLE-3-ACETIC ACID, 1-(4-CHLOROBENZOYL)-5-METHOXY-2-METHYL-2-(4-(3-((4-(BENZOYLAMINO)- 5-(DIPROPYLAMINO)-1,5-DIOXOPENTYL)OXY)PROPYL)-1-PIPERAZINYL)ETHYLESTER (+)-, (Z)-2-BUTENEDIOATE (1:2)
UPDT:8403 CAS:59209-40-4 MW:1076.70 MOLFM:C46-H58-Cl-N5-O8.2C4-H4-O4
SYN: AFLOXAN * CR-604 * PROGLUMETACIN MALEATE * PROGLUMETACINA (Spanish) * PROTACINE * PROXIL
TOXICITY DATA AND REFERENCES:
1K30 orl-rat LD50:403 mg/kg DRFUD4 5,142,80
1K30 scu-rat LD50:351 mg/kg DRFUD4 5,142,80
1K30 orl-mus LD50:262 mg/kg DRFUD4 5,142,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NL3521400 1H-INDOLE-3-ACETIC ACID, 1-(4-CHLOROBENZOYL)-5-METHOXY-2-METHYL-, CARBOXYMETHYL ESTER
UPDT:8403 CAS:53164-05-9 MW:415.85 MOLFM:C21-H18-Cl-N-O6
SYN: ACEMETACIN * ACM * 1-(p-CHLORBENZOYL)-5-METHOXY-2-METHYLINDOL-3-ACETOXY)ESSIGSAEURE (German) * 1-(4-CHLOROBENZOYL)-5-METHOXY-2-METHYL-1H-INDOLE-3-ACETIC ACID CARBOXYMETHYL ESTER * ((1-(4-CHLOROBENZOYL)-5-METHOXY-2-METHYLINDOL-3-YL)ACETOXY)ACETIC ACID * K-708 * RANTUDIL * TV 1322
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:13500 ug/kg (17-22D preg/21D post) OYYAA2 22,777,81
1T39 orl-rat TDLo:48 mg/kg (16-21D preg) ARZNAD 30,1398,80
2T31T85 orl-rat TDLo:44 mg/kg (7-17D preg) OYYAA2 22,765,81
3T13T34T72 orl-rat TDLo:88 mg/kg (7-17D preg) OYYAA2 22,765,81
3T16T71T76 orl-rat TDLo:108 mg/kg (17-22D preg/21D post) OYYAA2 22,777,81
2T25T59 orl-rbt TDLo:351 mg/kg (6-18D preg) ARZNAD 30,1398,80
TOXICITY DATA AND REFERENCES:
1Y55 orl-rat LD50:24 mg/kg ARZNAD 30,1398,80
1Y55 ipr-rat LD50:46 mg/kg ARZNAD 30,1398,80
1Y55 scu-rat LD50:28 mg/kg ARZNAD 30,1398,80
1Y55 ivn-rat LD50:38 mg/kg ARZNAD 30,1398,80
1Y55 ims-rat LD50:35 mg/kg ARZNAD 30,1398,80
1Y55 orl-mus LD50:21 mg/kg ARZNAD 30,1398,80
1Y55 ipr-mus LD50:23 mg/kg ARZNAD 30,1398,80
1Y55 scu-mus LD50:23 mg/kg ARZNAD 30,1398,80
1Y55 ivn-mus LD50:34 mg/kg ARZNAD 30,1398,80
1Y55 ims-mus LD50:28 mg/kg ARZNAD 30,1398,80
3F07K12U01 orl-dog LD50:64200 ug/kg OYYAA2 22,657,81
1Y55 ivn-dog LD50:200 mg/kg ARZNAD 30,1398,80
1Y55 orl-rbt LD50:300 mg/kg ARZNAD 30,1398,80
1Y55 orl-gpg LD50:387 mg/kg ARZNAD 30,1398,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NL3521450 1H-INDOLE-3-ACETIC ACID, 1-(4-CHLOROBENZOYL)-5-METHOXY-2-METHYL-, 2-CARBOXY-2-PHENYLETHYL ESTER, (+-)-
UPDT:8412 CAS:65189-78-8 MW:505.98 MOLFM:C28-H24-Cl-N-O6
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:140 mg/kg 45VOAW 4,143,80
* orl-mus LD50:190 mg/kg 45VOAW 4,143,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NL3522200 INDOLE-3-ACETIC ACID, 1-(p-CHLOROBENZOYL)-5-METHOXY-2-METHYL- combined with SODIUM SALICYLATE (1:10)
UPDT:8307 MW:1958.80 MOLFM:C19-H16-Cl-N-O4.10C7-H5-Na-O3
SYN: INDOMETHACINE combined with SODIUM SALICYLATE (1:10)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:907 mg/kg AGACBH 9,117,79

NL3523000 INDOLE-3-ACETIC ACID, 1-CINNAMOYL-5-METHOXY-2-METHYL-
UPDT:8407 CAS:20168-99-4 MW:349.41 MOLFM:C21-H19-N-O4
SYN: CINDOMET * CINMETACIN * CINMETHACIN * 1-CINNAMOYL-5-METHOXY-2-METHYLINDOLE-3-ACETIC ACID * 1-CINNAMOYL-2-METHYL-5-METHOXY-3-INDOLYLACETIC ACID * INDOLACIN * 1H-INDOLE-3-ACETIC ACID, 5-METHOXY-2-METHYL-1-(1-OXO-3-PHENYL-2-PROPENYL)- (9CI) * 5-METHOXY-2-METHYL-1-(1-OXO-3-PHENYL-2-PROPENYL)-1H-INDOLE-3-ACETIC ACID
TOXICITY DATA AND REFERENCES:
3F11F12F19 orl-rat LD50:1020 mg/kg ARZNAD 23,1690,73
3F11F12F19 ipr-rat LD50:590 mg/kg ARZNAD 23,1690,73
3F11F12F19 orl-mus LD50:750 mg/kg ARZNAD 23,1690,73
3F11F12F19 ipr-mus LD50:360 mg/kg ARZNAD 23,1690,73

1H-INDOLE-1-ACETIC ACID, 2,3-DIHYDRO-2,3-DIOXO- (9CI) see: NM1891800
1H-INDOLE-1-ACETIC ACID, 2,3-DIHYDRO-2,3-DIOXO-, ETHYL ESTER (9CI) see: NM1891840

NL3525500 3-INDOLEACETIC ACID, 4,7-DIMETHYL-
UPDT:8307 CAS:6306-14-5 MW:203.26 MOLFM:C12-H13-N-O2
SYN: 4,7-DIMETHYL-3-INDOLEACETIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#04141

NL3530000 INDOLE-1-ACETIC ACID, 3-(p-FLUOROBENZOYL)-6-METHOXY-2-METHYL-
UPDT:8407 CAS:25803-21-8 MW:341.36 MOLFM:C19-H16-F-N-O4
SYN: CARBOXYMETHYL-1 METHYL-2 p-FLUOROBENZOYL-3 INDOLE (French) * 3-(p-FLUOROBENZOYL)-6-METHOXY-2-METHYL-1-INDOLEACETIC ACID * RU 4486
TOXICITY DATA AND REFERENCES:
orl-mus LD50:800 mg/kg EJMCA5 10,187,75

1H-INDOLE-3-ACETIC ACID, 5-METHOXY-2-METHYL-1-(1-OXO-3-PHENYL-2-PROPENYL)- (9CI) see: NL3523000

NL3668500 INDOLE-3-ACETOHYDROXAMIC ACID, 1-(p-CHLOROBENZOYL)-5-METHOXY-2-METHYL-
UPDT:8403 CAS:27035-30-9 MW:372.83 MOLFM:C19-H17-Cl-N2-O4
SYN: ABC 8/3 * ACIDO 1-(p-CLOROBENZOIL)-5-METOSSI-2-METIL-3-INDOLILACETOIDROSSAMICO (Italian) * ACIDO INDOXAMICO (Italian) * 1-(4-CHLOROBENZOYL)-N-HYDROXY-5-METHOXY-2-METHYL-1H-INDOLE-3-ACETAMIDE * 1-(p-CHLOROBENZOYL)-5-METHOXY-2-METHYLINDOLE-3-ACETOHYDROXAMIC ACID * 1-(p-CHLOROBENZOYL)-5-METHOXY-2-METHYL-3-INDOLYLACETOHYDROXAMIC ACID * FLOGAR * 1H-INDOLE-3-ACETAMIDE, 1-(4-CHLOROBENZOYL)-N-HYDROXY-5-METHOXY-2-METHYL- (9CI) * INDOXAMIC ACID * OXAMETACIN * OXAMETHACIN
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:78 mg/kg BCFAAI 114,319,75
* ipr-rat LD50:40 mg/kg BCFAAI 114,319,75
* orl-mus LD50:92 mg/kg BCFAAI 114,319,75
* ipr-mus LD50:32 mg/kg BCFAAI 114,319,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

INDOLEACETONITRILE see: AM0700000
INDOLE-3-ACETONITRILE see: AM0700000
1H-INDOLE-3-ACETONITRILE see: AM0700000

NL3680000 INDOLE-3-ACRYLIC ACID
UPDT:8408 CAS:1204-06-4 MW:187.21 MOLFM:C11-H9-N-O2
SYN: 3-INDOLYLACRYLIC ACID * 2-PROPENOIC ACID, 3-(1-H-INDOL-3-YL)-
MUTATION DATA AND REFERENCES:
cyt-hmn:leu 100 mg/L TSITAQ 15,1505,73
cyt-mky-scu 15 mg/kg/2D-I TSITAQ 15,1505,73
TUMORIGENIC DATA AND REFERENCES:
2V01M60 scu-mus TDLo:1600 mg/kg/8W-I VOONAW 22(6),47,76
3V03K60P61 scu-gpg TDLo:1100 mg/kg/13W-I BEXBAN 84,1156,77
3V02N61P60 scu-ham TDLo:1600 mg/kg/10W-I VOONAW 22(6),52,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NL3682000 3-INDOLEACRYLIC ACID, 2-(4-(p-CHLOROPHENYL)-1-PIPERAZINYL)ETHYL ESTER
UPDT:8312 MW:409.95 MOLFM:C23-H24-Cl-N3-O2
SYN: 1-PIPERAZINEETHANOL, 4-(p-CHLOROPHENYL)-, 3-INDOLINEACRYLATE
TOXICITY DATA AND REFERENCES:
3A11F07F29 ipr-mus LD50:2150 mg/kg JPMSAE 55,290,66

INDOLE-3-ALANINE see: YN6130000

NL3792000 INDOLE, 3-(2-AMINOBUTYL)-2-(p-BROMOPHENYL)-
UPDT:8306 CAS:52018-91-4 MW:343.30 MOLFM:C18-H19-Br-N2
SYN: 3-(2-AMINOBUTYL)-2-(p-BROMOPHENYL)INDOLE * 1H-INDOLE-3-ETHANAMINE, 2-(4-BROMOPHENYL)-alpha-ETHYL- (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1000 mg/kg RCOCB8 7,763,74

NL3830000 INDOLE, 3-(2-AMINOBUTYL)-2-(p-CHLOROPHENYL)-
UPDT:8306 CAS:52018-89-0 MW:298.84 MOLFM:C18-H19-Cl-N2
SYN: 3-(2-AMINOBUTYL)-2-(p-CHLOROPHENYL)INDOLE * 1H-INDOLE-3-ETHANAMINE, 2-(4-CHLOROPHENYL)-alpha-ETHYL- (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1000 mg/kg RCOCB8 7,763,74

NL3845000 INDOLE, 3-(2-AMINOBUTYL)-2-(p-METHOXYPHENYL)-
UPDT:8306 CAS:52018-92-5 MW:294.43 MOLFM:C19-H22-N2-O
SYN: 3-(2-AMINOBUTYL)-2-(p-METHOXYPHENYL)INDOLE * 1H-INDOLE-3-ETHANAMINE, alpha-ETHYL-2-(4-METHOXYPHENYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:800 mg/kg RCOCB8 7,763,74

NL3880000 INDOLE, 3-(2-AMINOBUTYL)-2-PHENYL-
UPDT:8306 CAS:52019-01-9 MW:264.40 MOLFM:C18-H20-N2
SYN: 3-(2-AMINOBUTYL)-2-PHENYLINDOLE * 1H-INDOLE-3-ETHANAMINE, alpha-ETHYL-2-PHENYL- (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1000 mg/kg RCOCB8 7,763,74

NL4020000 INDOLE, 3-(2-AMINOETHYL)-
UPDT:8408 CAS:61-54-1 MW:160.24 MOLFM:C10-H12-N2
SYN: (AMINO-2 ETHYL)-3 INDOLE (French) * 3-(2-AMINOETHYL)INDOLE * 1H-INDOLE-3-ETHANAMINE * INDOL-3-ETHYLAMINE * 2-(3-INDOLYL)ETHYLAMINE * TRYPTAMINE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:223 mg/kg JPMSAE 66,1692,77
ipr-mus LD50:100 mg/kg EJMCA5 9,453,74

NL4025000 INDOLE, 3-(2-AMINOETHYL)-1-BENZYL-5-METHOXY-2-METHYL-, MONOHYDROCHLORIDE
UPDT:8403 CAS:525-02-0 MW:330.89 MOLFM:C19-H22-N2-O.Cl-H
SYN: 3-(2-AMINOETHYL)-1-BENZYL-5-METHOXY-2-METHYLINDOLE HYDROCHLORIDE * BAS * BENANSERIN HYDROCHLORIDE * BENZYL ANTISEROTONIN * 1-BENZYL-2,5-DIMETHYLSEROTONIN HYDROCHLORIDE * 1-BENZYL-2-METHYL-3-(2-AMINOETHYL)-5-METHOXYINDOLE HYDROCHLORIDE * 1-BENZYL-2-METHYL-5-METHOXYTRYPTAMINE HYDROCHLORIDE * 5-METHOXY-2-METHYL-1-(PHENYLMETHYL)-1H-INDOLE-3-ETHANAMIDE MONOHYDROCHLORIDE * SEROTONIN BENZYL ANALOG * WOOLLEY'S ANTISEROTONIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T71T81T85 ipr-rat TDLo:70 mg/kg (8-14D preg) PEDIAU 27,318,61
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:250 mg/kg JMCMAR 9,819,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NL4055000 INDOLE, 3-(2-AMINOETHYL)-5-(DIMETHYLAMINO)-, DIHYDROCHLORIDE
UPDT:8310 CAS:608-07-1 MW:276.24 MOLFM:C12-H17-N3.2Cl-H
SYN: 5-DIMETHYLAMINOTRYPTAMINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:63 mg/kg CSLNX* NX#12463

NL4110000 INDOLE, 3-(2-AMINOETHYL)-5-METHOXY-, HYDROCHLORIDE
UPDT:8310 CAS:66-83-1 MW:226.73 MOLFM:C11-H14-N2-O.Cl-H
SYN: 3-(2-AMINOETHYL)-5-METHOXYINDOLE HYDROCHLORIDE * 1H-INDOLE-3-ETHANAMINE, 5-METHOXY-, MONOHYDROCHLORIDE * 5-METHOXYTRYPTAMINE HYDROCHLORIDE * MEXAMINE * MEXOMINE
TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:6 mg/kg RPTOAN 33,246,70
scu-mus LD50:620 mg/kg RPTOAN 35,2,72
ivn-mus LD50:103 mg/kg FEPRA7 23,1125,64

NL4125000 INDOLE, 3-(2-AMINOETHYL)-6-METHOXY-, HYDROCHLORIDE
UPDT:8309 CAS:2736-21-2 MW:226.73 MOLFM:C11-H14-N2-O.Cl-H
SYN: 3-(2-AMINOETHYL)-6-METHOXYINDOLE HYDROCHLORIDE * 6-METHOXYTRYPTAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
scu-mus LD50:645 mg/kg RPTOAN 35,2,72
ivn-mus LD50:118 mg/kg FATOAO 35,16,72

NL4400000 INDOLE, 3-(2-AMINOETHYL)-, mixed with SODIUM NITRITE
UPDT:8403 MW:229.24 MOLFM:C10-H12-N2.N-Na-O2
SYN: 3-(2-AMINOETHYL)INDOLE mixed with SODIUM NITRITE * SODIUM NITRITE mixed with 3-(2-AMINOETHYL)INDOLE * SODIUM NITRITE mixed with TRYPTAMINE * TRYPTAMINE mixed with SODIUM NITRITE
MUTATION DATA AND REFERENCES:
mmo-sat 50 mmol/L MUREAV 124,35,83

NL4575000 INDOLE, 3-(2-AMINOPROPYL)-, ACETATE
UPDT:8310 CAS:5118-26-3 MW:234.33 MOLFM:C11-H14-N2.C2-H4-O2
SYN: 3-(2-AMINOPROPYL)INDOLE ACETATE * 1H-INDOLE-3-ETHANAMINE, alpha-METHYL-, MONOACETATE (9CI) * alpha-METHYLTRYPTAMINE ACETATE * U-14,164E
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:12 mg/kg ARZNAD 27,2002,77

NL4585000 INDOLE, 3-(2-AMINOPROPYL)-2-(p-BROMOPHENYL)-
UPDT:8306 CAS:52018-90-3 MW:329.27 MOLFM:C17-H17-Br-N2
SYN: 3-(2-AMINOPROPYL)-2-(p-BROMOPHENYL)INDOLE * 1H-INDOLE-3-ETHANAMINE, 2-(4-BROMOPHENYL)-alpha-METHYL- (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1000 mg/kg RCOCB8 7,763,74

NL4660500 INDOLE, 3-(2-AMINOPROPYL)-2-(p-CHLOROPHENYL)-
UPDT:8306 CAS:52018-88-9 MW:284.81 MOLFM:C17-H17-Cl-N2
SYN: 3-(2-AMINOPROPYL)-2-(p-CHLOROPHENYL)INDOLE * 1H-INDOLE-3-ETHANAMINE, 2-(4-CHLOROPHENYL)-alpha-METHYL- (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1000 mg/kg RCOCB8 7,763,74

NL4706000 INDOLE, 3-(2-AMINOPROPYL)-2-(p-METHOXYPHENYL)-
UPDT:8306 CAS:52019-02-0 MW:280.40 MOLFM:C18-H20-N2-O
SYN: 3-(2-AMINOPROPYL)-2-(p-METHOXYPHENYL)INDOLE * 1H-INDOLE-3-ETHANAMINE, 2-(4-METHOXYPHENYL)-alpha-METHYL- (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1000 mg/kg RCOCB8 7,763,74

NL4709000 INDOLE, 3-(2-AMINOPROPYL)-, MONOHYDROCHLORIDE
UPDT:8309 CAS:879-36-7 MW:210.73 MOLFM:C11-H14-N2.Cl-H
SYN: 3-(2-AMINOPROPYL)INDOLE HYDROCHLORIDE * 1H-INDOLE-3-ETHANAMINE, alpha-METHYL-, MONOHYDROCHLORIDE (9CI) * INDOPAN * alpha-METHYLTRYPTAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:137 mg/kg PCJOAU 16,361,82

NL4711000 INDOLE, 3-(2-AMINOPROPYL)-2-PHENYL-
UPDT:8306 CAS: 52019-03-1 MW: 250.37 MOLFM: C17-H18-N2
SYN: 3-(2-AMINOPROPYL)-2-PHENYLINDOLE * 1H-INDOLE-3-ETHANAMINE, alpha-METHYL-2-PHENYL- (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1000 mg/kg RCOCB8 7,763,74

(+ -)-1-(3-INDOLYL)-2-METHYLAMINOETHANOL see: KL3770000

NL5171000 INDOLE, 6-BROMO-3-((DIMETHYLAMINO)METHYL)-2-METHYL-
UPDT:8311 MW: 267.20 MOLFM: C12-H15-Br-N2
SYN: 6-BROMO-3-((DIMETHYLAMINO)METHYL)-2-METHYLINDOLE * 6-BROMO-2-METHYLGRAMINE
TOXICITY DATA AND REFERENCES:
3F12F29J22 orl-mus LD50:295 mg/kg EJMCA5 18,261,83

NL5171500 INDOLE, 6-BROMO-3-((DIMETHYLAMINO)METHYL)-1-METHYL-, HYDROBROMIDE
UPDT:8311 MW: 348.12 MOLFM: C12-H15-Br-N2 .Br-H
SYN: 6-BROMO-3-((DIMETHYLAMINO)METHYL)-1-METHYLINDOLE HYDROBROMIDE * 6-BROMO-1,2-DIMETHYLGRAMINE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
3F12F29J22 orl-mus LD50:267 mg/kg EJMCA5 18,261,83

NL5250000 1H-INDOLE-3-BUTANOIC ACID
UPDT:8404 CAS: 133-32-4 MW: 203.26 MOLFM: C12-H13-N-O2
SYN: BUTYRIC ACID, 4-(INDOLYL) * HORMEX ROOTING POWDER * HORMODIN * IBA * INDOLE BUTYRIC * INDOLE BUTYRIC ACID * beta-INDOLEBUTYRIC ACID * gamma-(INDOLE-3)-BUTYRIC ACID * 3-INDOLEBUTYRIC ACID * 3-INDOLYL-gamma-BUTYRIC ACID * gamma-(3-INDOLYL)BUTYRIC ACID * gamma-(INDOL-3-YL)BUTYRIC ACID * INDOLYL-3-BUTYRIC ACID * 4-(INDOL-3-YL)BUTYRIC ACID * 4-(3-INDOLYL)BUTYRIC ACID * JIFFY GROW * ROOTONE
MUTATION DATA AND REFERENCES:
mrc-asn 1 mmol/L CRNGDP 4,1409,83
sln-asn 1 mmol/L CRNGDP 4,1409,83
TOXICITY DATA AND REFERENCES:
orl-mus LD50:100 mg/kg 85ARAE 3,76,76
ipr-mus LDLo:100 mg/kg PCOC** -,614,66
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NL5270000 INDOLE, 1-(1-sec-BUTOXYETHYL)-
UPDT:8402 MW: 217.34 MOLFM: C14-H19-N-O
SYN: 1-(alpha-sec-BUTOXYETHYL)INDOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1340 mg/kg PCJOAU 17,96,83

INDOLE BUTYRIC see: NL5250000
INDOLE BUTYRIC ACID see: NL5250000
beta-INDOLEBUTYRIC ACID see: NL5250000
gamma-(INDOLE-3)-BUTYRIC ACID see: NL5250000
3-INDOLEBUTYRIC ACID see: NL5250000
INDOLE-2-CARBOHYDROXAMIC ACID see: NL5994700

NL5993310 INDOLE-5-CARBONITRILE, 3-BENZYL-
UPDT:8310 MW: 232.30 MOLFM: C16-H12-N2
SYN: 3-BENZYL-5-CYANOINDOLE * 3-BENZYLINDOLE-5-CARBONITRILE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:89 mg/kg CSLNX* NX#12386

NL5993440 INDOLE-5-CARBONITRILE, 3-(OCTAHYDRO-1H-AZONIN-1-YLMETHYL)-
UPDT:8310 MW: 281.44 MOLFM: C18-H23-N3
SYN: 5-CYANO-3-(OCTAMETHYLENEIMINOMETHYL)INDOLE * 3-(OCTAHYDRO-1H-AZONIN-1-YLMETHYL)-5-INDOLECARBONITRILE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:2820 ug/kg CSLNX* NX#12447

NL5994480 1H-INDOLE-7-CARBOXAMIDE, 2,3-DIHYDRO-2-OXO-3,3-DIPHENYL-
UPDT:8306 CAS: 78033-98-4 MW: 328.39 MOLFM: C21-H16-N2-O2
SYN: 2,3-DIHYDRO-2-OXO-3,3-DIPHENYL-1H-INDOLE-7-CARBOXAMIDE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:1410 mg/kg PCJOAU 14,858,80

NL5994700 1H-INDOLE-2-CARBOXAMIDE, N-HYDROXY-
UPDT:8401 CAS: 63408-86-6 MW: 176.19 MOLFM: C9-H8-N2-O2
SYN: N-HYDROXY-1H-INDOLE-2-CARBOXAMIDE * INDOLE-2-CARBOHYDROXAMIC ACID
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate AMACCQ 11,753,77
mma-sat 1 umol/plate MUREAV 56,7,77
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM 1984

NL5998600 1H-INDOLE-7-CARBOXYLIC ACID, 2,3-DIHYDRO-2-OXO-3,3-DIPHENYL-
UPDT:8310 CAS: 36137-11-8 MW: 329.37 MOLFM: C21-H15-N-O3
SYN: 2,3-DIHYDRO-2-OXO-3,3-DIPHENYL-1H-INDOLE-7-CARBOXYLIC ACID * 3,3-DIPHENYL-2-OXOINDOLINE-7-CARBOXYLIC ACID * 7-INDOLINECARBOXYLIC ACID, 3,3-DIPHENYL-2-OXO-
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:734 mg/kg PCJOAU 14,858,80

NL5998650 1H-INDOLE-3-CARBOXYLIC ACID, 2-(3-(DIMETHYLAMINO)PROPYL)OCTAHYDRO-1,3-DIOXO-4,7-METHANO- 1H-ISOINDOL-5-YL ESTER, MONOHYDROCHLORIDE, (3a-alpha,4-alpha,5-beta,7-alpha,7a-alpha)-(+ -)-
UPDT:8305 CAS: 59496-26-3 MW: 445.99 MOLFM: C23-H27-N3-O4 .Cl-H
SYN: BL-4712A
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:83 mg/kg CYLPDN 3,29,82

NL5998700 1H-INDOLE-2-CARBOXYLIC ACID, 1,3-DIMETHYL-4-(3-((2-(3,4-DIMETHOXYPHENYL)ETHYL)AMINO)- 2-HYDROXYPROPOXY)-, ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8405 CAS: 76410-35-0 MW: 507.08 MOLFM: C26-H34-N2-O6 .Cl-H
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

NL5998810 1H-INDOLE-3-CARBOXYLIC ACID, 1,2-DIMETHYL-5-(2-HYDROXY-3-(BENZYLAMINO)PROPOXY)-, ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8405 CAS: 76410-20-3 MW: 432.99 MOLFM: C23-H28-N2-O4 .Cl-H
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

NL5998840 1H-INDOLE-2-CARBOXYLIC ACID, 1,3-DIMETHYL-4-(2-HYDROXY-3-(CYCLOHEXYLAMINO)PROPOXY)-, ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8405 MW: 425.02 MOLFM: C22-H32-N2-O4 .Cl-H
SYN: 1,3-DIMETHYL-2-CARBOETHOXY-4-(2-HYDROXY-3-CYCLOHEXYLAMINOPROPOXY)-INDOLE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

NL5998880 1H-INDOLE-3-CARBOXYLIC ACID, 1,2-DIMETHYL-5-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-, ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8405 CAS: 76410-19-0 MW: 384.95 MOLFM: C19-H28-N2-O4 .Cl-H
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

NL5998930 1H-INDOLE-2-CARBOXYLIC ACID, 1,3-DIMETHYL-4-(OXIRANYLMETHOXY)-, ETHYL ESTER
UPDT:8405 MW: 289.36 MOLFM: C16-H19-N-O4
SYN: 1,3-DIMETHYL-2-CARBOETHOXY-4-(2,3-EPOXYPROPOXY)INDOLE * 1,3-DIMETHYL-4-(OXIRANYLMETHOXY)-1H-INDOLE-2-CARBOXYLIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

NL5998950 1H-INDOLE-3-CARBOXYLIC ACID, 1,2-DIMETHYL-5-(OXIRANYLMETHOXY)-, ETHYL ESTER
UPDT:8405 CAS: 76410-17-8 MW: 289.36 MOLFM: C16-H19-N-O4
SYN: 1,2-DIMETHYL-5-(OXIRANYLMETHOXY)-1H-INDOLE-3-CARBOXYLIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

NL5999100 1H-INDOLE-2-CARBOXYLIC ACID, 3-(DIPHENYLMETHYL)-
UPDT:8405 CAS: 53924-09-7 MW: 327.40 MOLFM: C22-H17-N-O2
SYN: 3-(DIPHENYLMETHYL)-1H-INDOLE-2-CARBOXYLIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:50 mg/kg JMCMAR 17,1298,74

NL5999200 1H-INDOLE-2-CARBOXYLIC ACID, 3-(DIPHENYLMETHYL)-5-HYDROXY-
UPDT:8405 CAS: 53924-10-0 MW: 343.40 MOLFM: C22-H17-N-O3
SYN: 3-(DIPHENYLMETHYL)-5-HYDROXY-1H-INDOLE-2-CARBOXYLIC ACID * 5-HYDROXY-3-(DIPHENYLMETHYL)-2-INDOLECARBOXYLIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:1000 mg/kg JMCMAR 17,1298,74

NL5999300 1H-INDOLE-2-CARBOXYLIC ACID, 3-(DIPHENYLMETHYL)-5-(PHENYLMETHOXY)-
UPDT:8405 CAS: 53924-12-2 MW: 433.53 MOLFM: C29-H23-N-O3
SYN: 3-(DIPHENYLMETHYL)-5-(PHENYLMETHOXY)-1H-INDOLE-2-CARBOXYLIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:300 mg/kg JMCMAR 17,1298,74

NL6003500 1H-INDOLE-3-CARBOXYLIC ACID, 5-(2-HYDROXY-3-(BENZYLAMINO)PROPOXY)-2-METHYL-1-PHENYL-, ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8405 CAS: 76410-21-4 MW: 495.06 MOLFM: C28-H30-N2-O4 .Cl-H
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

NL6003700 1H-INDOLE-3-CARBOXYLIC ACID, 5-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-2-METHYL-1-PHENYL-, ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8405 CAS: 76410-22-5 MW: 447.02 MOLFM: C24-H30-N2-O4 .Cl-H
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

NL6012800 1H-INDOLE-3-CARBOXYLIC ACID, 2-METHYL-5-(OXIRANYLMETHOXY)-1-PHENYL-, ETHYL ESTER
UPDT:8405 CAS: 76410-18-9 MW: 351.43 MOLFM: C21-H21-N-O4
SYN: 2-METHYL-5-(OXIRANYLMETHOXY)-1-PHENYL-1H-INDOLE-3-CARBOXYLIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

NL6019400 1H-INDOLE, 1-(4-CHLOROBENZOYL)-2-PHENYL-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-
UPDT:8311 CAS: 66354-91-4 MW: 445.95 MOLFM: C23-H16-Cl-N5-O-S
SYN: 1-(4-CHLOROBENZOYL)-2-PHENYL-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-1H-INDOLE * LCS 22707
TOXICITY DATA AND REFERENCES:
3F25F29Y55 orl-mus LD50:500 mg/kg EJMCA5 12,525,77

NL6019410 1H-INDOLE, 1-(4-CHLOROBENZOYL)-2-PHENYL-3-(1H-TETRAZOL-5-YLTHIO)-
UPDT:8311 CAS: 66403-51-8 MW: 431.92 MOLFM: C22-H14-Cl-N5-O-S
SYN: 1-(4-CHLOROBENZOYL)-2-PHENYL-3-(1H-TETRAZOL-5-YLTHIO)-1H-INDOLE * LCS 22706
TOXICITY DATA AND REFERENCES:
2F29Y55 orl-mus LD20:500 mg/kg EJMCA5 12,525,77

NL6092000 1H-INDOLE, 5-CHLORO-2-PHENYL-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-
UPDT:8311 CAS: 66354-94-7 MW: 341.84 MOLFM: C16-H12-Cl-N5-S
SYN: 5-CHLORO-2-PHENYL-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-1H-INDOLE * LCS 22727
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD20:500 mg/kg EJMCA5 12,525,77

NL6092010 1H-INDOLE, 6-CHLORO-2-PHENYL-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-
UPDT:8311 CAS: 66354-96-9 MW: 341.84 MOLFM: C16-H12-Cl-N5-S
SYN: 6-CHLORO-2-PHENYL-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-1H-INDOLE * LCS 22720
TOXICITY DATA AND REFERENCES:
3F29U26Y55 orl-mus LD20:500 mg/kg EJMCA5 12,525,77

NL6105000 INDOLE, 1-(1-CYCLOHEXYLOXYETHYL)-
UPDT:8402 MW: 243.38 MOLFM: C16-H21-N-O
SYN: 1-(alpha-CYCLOHEXYLOXYETHYL)INDOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2900 mg/kg PCJOAU 17,96,83

NL6110000 INDOLE, 3-((1-CYCLOPROPYLMETHYL-2-PIPERIDYL)METHYL)-
UPDT:8310 MW: 268.44 MOLFM: C18-H24-N2
SYN: 1-CYCLOPROPYLMETHYL-2-SKATYLPIPERIDINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:112 mg/kg CSLNX* NX#12350

NL6200000 INDOLE, 2,6-DIBROMO-3-((DIMETHYLAMINO)METHYL)-1-METHYL-, HYDROBROMIDE
UPDT:8311 MW: 427.02 MOLFM: C12-H14-Br2-N2 .Br-H
SYN: 2,6-DIBROMO-3-((DIMETHYLAMINO)METHYL)-1-METHYLINDOLE HYDROBROMIDE * 2,6-DIBROMO-1-METHYLGRAMINE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
3F12F29J22 orl-mus LD50:313 mg/kg EJMCA5 18,261,83

NL6575000 INDOLE, 2-(p-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-3-PHENYL-
UPDT:8303 MW: 384.56 MOLFM: C26-H28-N2-O
SYN: 2-(p-(beta-DIETHYLAMINOETHOXY)PHENYL)-3-PHENYLINDOLE * 2-(4-DIETHYLAMINOETHOXY)PHENYL-3-PHENYLINDOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:25 mg/kg (1-5D preg) IJEBA6 4,244,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NL7040000 INDOLE, 3-(2-(DIISOPROPYLAMINO)ETHYL)-
UPDT:8306 CAS: 14780-24-6 MW: 244.42 MOLFM: C16-H24-N2
SYN: N,N-BIS(1-METHYLETHYL)-1H-INDOLE-3-ETHANAMINE * 3-(2-(DIISOPROPYLAMINO)ETHYL)INDOLE * DIPT
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:26 mg/kg DRFUD4 7,385,82

NL7170000 INDOLE, 5,6-DIMETHOXY-2-METHYL-3-(2-(4-PHENYL-1-PIPERAZINYL)ETHYL)-
UPDT:8406 CAS: 153-87-7 MW: 379.55 MOLFM: C23-H29-N3-O2
SYN: EQUIPERTINE * FORIT * 1H-INDOLE, 5,6-DIMETHOXY-2-METHYL-3-(2-(4-PHENYL-1-PIPERAZINYL)ETHYL)- (9CI) * INTEGRIN * OPERTIL * OXYPERTIN * OXYPERTINE * WIN 18501-2
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1 gm/kg NIIRDN 6,154,82
* orl-mus LD50:2300 mg/kg NIIRDN 6,154,82
3F12F21J25 ipr-mus LD50:154 mg/kg BJPCAL 26,186,66

1H-INDOLE, 5,6-DIMETHOXY-2-METHYL-3-(2-(4-PHENYL-1-PIPERAZINYL)ETHYL)- (9CI) see: NL7170000

NL7185000 INDOLE, 2,3-DIMETHYL-
UPDT:8303 CAS: 91-55-4 MW: 145.22 MOLFM: C10-H11-N
SYN: 2,3-DIMETHYLINDOLE * 1H-INDOLE, 2,3-DIMETHYL- (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 2500 nmol/plate TXCYAC 18,219,80
mma-sat 3 umol/plate TXCYAC 23,1,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1H-INDOLE, 2,3-DIMETHYL- (9CI) see: NL7185000

NL7312000 INDOLE, 3-(4-(DIMETHYLAMINO)BUTYL)-1-PHENYL-
UPDT 8305 MW: 292.46 MOLFM: C20-H24-N2
SYN: 3-(4-(DIMETHYLAMINO)BUTYL)-1-PHENYLINDOLE * N 570
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:120 mg/kg AIPTAK 119,119,59

NL7440000 INDOLE, 1-((2-(DIMETHYLAMINO)ETHYL)METHYLAMINO)-3-PHENYL-, HYDROCHLORIDE
UPDT 8309 CAS: 57647-35-5 MW: 329.91 MOLFM: C19-H23-N3 Cl-H
SYN: BINODALINE HYDROCHLORIDE * BINODALIN-HYDROCHLORID (German) * 1-(DIMETHYLAMINOETHYL-METHYL)AMINO-3-PHENYLINDOLE HYDROCHLORIDE * 1-(omega-DIMETHYLAMINOETHYLMETHYL)AMINO-3-PHENYLINDOLE HYDROCHLORIDE * ETHYLENEDIAMINE, N'-(3-PHENYL-1-INDOLYL)-N,N,N'-TRIMETHYL-, HYDROCHLORIDE * SGD-SCHA 1059 * N,N,N'-TRIMETHYL-N'-(3-PHENYL-1H-INDOL-1-YL)-1,2-ETHANEDIAMINE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F12F25 orl-rat LD50:1160 mg/kg ARZNAD 33,726,83
3F11F12J22 ivn-rat LD50:26 mg/kg ARZNAD 33,726,83
1F25 orl-mus LD50:760 mg/kg ARZNAD 33,726,83
3F11F12J22 ivn-mus LD50:54 mg/kg ARZNAD 33,726,83
* ivn-cat LDLo:50800 ug/kg ARZNAD 33,726,83

NL7447500 INDOLE, 3-(2-(DIMETHYLAMINO)ETHYL)-1-PHENYL-
UPDT 8305 MW: 264.40 MOLFM: C18-H20-N2
SYN: 3-(2-(DIMETHYLAMINO)ETHYL)-1-PHENYLINDOLE * N 520
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:154 mg/kg AIPTAK 119,119,59

NL7705000 INDOLE, 3-(DIMETHYLAMINO)METHYL-5-METHYL-
UPDT 8311 CAS: 30218-58-7 MW: 188.30 MOLFM: C12-H16-N2
SYN: 5-METHYLGRAMINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:87 mg/kg PSYPAG 16,385,70
* ivn-mus LD50:32 mg/kg CSLNX* NX#12245

NL7705100 INDOLE, 3-((DIMETHYLAMINO)METHYL)-7-METHYL-
UPDT 8311 MW: 188.30 MOLFM: C12-H16-N2
SYN: 7-METHYLGRAMINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:35 mg/kg CSLNX* NX#12049

NL7705200 INDOLE, 5-((DIMETHYLAMINO)METHYL)-1-METHYL-
UPDT 8311 MW: 188.30 MOLFM: C12-H16-N2
SYN: 5-DIMETHYLAMINOMETHYL-1-METHYLINDOLE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:35 mg/kg CSLNX* NX#12458

NL7706000 INDOLE, 3-((DIMETHYLAMINO)METHYL)-1-METHYL-2,5,6-TRIBROMO-
UPDT 8311 MW: 425.00 MOLFM: C12-H13-Br3-N2
SYN: 3-((DIMETHYLAMINO)METHYL)-1-METHYL-2,5,6-TRIBROMOINDOLE * 2,5,6-TRIBROMO-1-METHYLGRAMINE
TOXICITY DATA AND REFERENCES:
3F12F29J22 orl-mus LD50:744 mg/kg EJMCA5 18,261,83

NL7715500 INDOLE, 3-((DIMETHYLAMINO)METHYL)-1-PHENYL-
UPDT 8305 MW: 250.37 MOLFM: C17-H18-N2
SYN: 3-((DIMETHYLAMINO)METHYL)-1-PHENYLINDOLE * N 501
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:105 mg/kg AIPTAK 119,119,59

NL7762000 INDOLE, 3-(3-(DIMETHYLAMINO)PROPYL)-1-PHENYL-
UPDT 8305 MW: 278.43 MOLFM: C19-H22-N2
SYN: 3-(3-(DIMETHYLAMINO)PROPYL)-1-PHENYLINDOLE * N 550
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:107 mg/kg AIPTAK 119,119,59

NL7839700 1H-INDOLE, 2-(2,4-DIMETHYLPHENYL)-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-
UPDT 8311 CAS: 66355-03-1 MW: 335.46 MOLFM: C18-H17-N5-S
SYN: 2-(2,4-DIMETHYLPHENYL)-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-1H-INDOLE * LCS 2199
TOXICITY DATA AND REFERENCES:
3F29U26Y55 orl-mus LD60:500 mg/kg EJMCA5 12,525,77

NL7873000 INDOLE-2,3-DIONE
UPDT 8408 CAS: 91-56-5 MW: 147.14 MOLFM: C8-H5-N-O2
SYN: o-AMINOBENZOYLFORMIC ANHYDRIDE * 2,3-DIKETOINDOLINE * 2,3-DIOXOINDOLINE * 2,3-INDOLINEDIONE * ISATIC ACID LACTAM * ISATIN * ISATINIC ACID ANHYDRIDE * 2,3-KETOINDOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T09 orl-rat TDLo:200 mg/kg (1D male) IJMRAQ 67,73,78
TOXICITY DATA AND REFERENCES:
orl-mus LD50:300 mg/kg NYKZAU 551514,59
1J26 ipr-mus LD50:563 mg/kg PCJOAU 15858,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NL7873800 INDOLE-2,3-DIONE, 1-ACETYL-
UPDT 8305 CAS: 574-17-4 MW: 189.18 MOLFM: C10-H7-N-O3
SYN: 1-ACETYL-INDOLE-2,3-DIONE * ACETYLISATIN * N-ACETYLISATIN * 1-ACETYLISATIN * 1H-INDOLE-2,3-DIONE, 1-ACETYL- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:809 mg/kg RPTOAN 45,10,82
1J26 ipr-mus LD50:809 mg/kg PCJOAU 15858,81

1H-INDOLE-2,3-DIONE, 1-ACETYL- (9CI) see: NL7873800

NL7873900 INDOLE-2,3-DIONE, 1-ACETYL-, 3-O-ACETYLOXIME
UPDT 8403 MW: 246.24 MOLFM: C12-H10-N2-O4
SYN: 1-ACETYLINDOLE-2,3-DIONE 3-O-ACETYLOXIME * DIACETYL-ISATIN-3-OXIM (German)
TOXICITY DATA AND REFERENCES:
2F02F25 ipr-mus LD50:2345 mg/kg PHARAT 37858,82

NL7874500 INDOLE-2,3-DIONE, 1-BENZOYL-
UPDT 8305 CAS: 28284-05-1 MW: 251.25 MOLFM: C15-H9-N-O3
SYN: 1-BENZOYL-INDOLE-2,3-DIONE * N-BENZOYLISATIN * 1-BENZOYLISATIN * 1H-INDOLE-2,3-DIONE, 1-BENZOYL- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:767 mg/kg RPTOAN 45,10,82
1J26 ipr-mus LD50:767 mg/kg PCJOAU 15,858,81

1H-INDOLE-2,3-DIONE, 1-BENZOYL- (9CI) see: NL7874500

NL7874700 INDOLE-2,3-DIONE, 1-BENZYL-5-BROMO-
UPDT 8305 CAS: 79183-44-1 MW: 316.17 MOLFM: C15-H10-Br-N-O2
SYN: 1-BENZYL-5-BROMO-INDOLE-2,3-DIONE * 1-BENZYL-5-BROMO-ISATIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:690 mg/kg RPTOAN 45,10,82
1J26 ipr-mus LD50:690 mg/kg PCJOAU 15,858,81

NL7875000 INDOLE-2,3-DIONE, 5-BROMO-
UPDT 8305 CAS: 87-48-9 MW: 226.04 MOLFM: C8-H4-Br-N-O2
SYN: 5-BROMOINDOLE-2,3-DIONE * ISATIN, 5-BROMO- * 5-BROMISATIN (Czech)
IRRITATION DATA AND REFERENCES:
eye-rbt 5 mg/24H SEV 28ZPAK -,43,72
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:4000 mg/kg 28ZPAK -,43,72
* orl-mus LD50:437 mg/kg RPTOAN 45,10,82
1J26 ipr-mus LD50:437 mg/kg PCJOAU 15,858,81

NL7878000 INDOLE-2,3-DIONE, 5-BROMO-1-METHYL-
UPDT 8305 CAS: 2058-72-2 MW: 240.07 MOLFM: C9-H6-Br-N-O2
SYN: 5-BROMO-1-METHYL-INDOLE-2,3-DIONE * 5-BROMO-1-METHYL-ISATIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:504 mg/kg RPTOAN 45,10,82
1J26 ipr-mus LD50:504 mg/kg PCJOAU 15,858,81

1H-INDOLE-5,6-DIONE, 2,3-DIHYDRO-3-HYDROXY-1-METHYL- (9CI) see: NM1925000

NL7930000 INDOLE-2,3-DIONE, 5,7-DIMETHYL-
UPDT 8305 CAS: 39603-24-2 MW: 175.20 MOLFM: C10-H9-N-O2
SYN: 5,7-DIMETHYL-INDOLE-2,3-DIONE * 5,7-DIMETHYLISATIN * 1H-INDOLE-2,3-DIONE, 5,7-DIMETHYL- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:421 mg/kg RPTOAN 45,10,82
1J26 ipr-mus LD50:421 mg/kg PCJOAU 15,858,81

1H-INDOLE-2,3-DIONE, 5,7-DIMETHYL- (9CI) see: NL7930000

NL7931000 INDOLE-2,3-DIONE, 1-(HYDROXYMETHYL)-
UPDT 8403 MW: 177.17 MOLFM: C9-H7-N-O3
SYN: 1-(HYDROXYMETHYL)INDOLE-2,3-DIONE * N-HYDROXYMETHYLISATIN (German)
TOXICITY DATA AND REFERENCES:
2F02F25 ipr-mus LD50:785 mg/kg PHARAT 37,858,82

NL7935000 5,6-INDOLEDIONE, 3-HYDROXY-1-METHYL-, 5-(AMIDINOHYDRAZONE), MONOMETHANESULFONATE (salt), MONOHYDRATE
UPDT 8310 CAS: 4009-68-1 MW: 349.41 MOLFM: C10-H13-N5-O2 C-H4-O3-S H2-O
SYN: ADCHNON S * S-ADCHNONE * ADRENOCHROME GUANYLHYDRAZONE MESILATE
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:520 mg/kg TXAPA9 23,288,72
* scu-mus LD50:1834 mg/kg NIIRDN 6,21,82

NL7938000 INDOLE-2,3-DIONE, 5-METHOXY-
UPDT 8305 CAS: 39755-95-8 MW: 177.17 MOLFM: C9-H7-N-O3
SYN: 1H-INDOLE-2,3-DIONE, 5-METHOXY- (9CI) * 5-METHOXY-INDOLE-2,3-DIONE * 5-METHOXYISATIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:658 mg/kg RPTOAN 45,10,82
1J26 ipr-mus LD50:658 mg/kg PCJOAU 15,858,81

1H-INDOLE-2,3-DIONE, 5-METHOXY- (9CI) see: NL7938000

NL7939000 INDOLE-2,3-DIONE, 1-METHYL-
UPDT 8305 CAS: 2058-74-4 MW: 161.17 MOLFM: C9-H7-N-O2
SYN: 1H-INDOLE-2,3-DIONE, 1-METHYL- (9CI) * 1-METHYL-INDOLE-2,3-DIONE * N-METHYLISATIN * 1-METHYLISATIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:685 mg/kg RPTOAN 45,10,82
1J26 ipr-mus LD50:685 mg/kg PCJOAU 15,858,81

NL7939300 INDOLE-2,3-DIONE, 5-METHYL-
UPDT 8305 CAS: 608-05-9 MW: 161.17 MOLFM: C9-H7-N-O2
SYN: 1H-INDOLE-2,3-DIONE, 5-METHYL- (9CI) * 5-METHYL-INDOLE-2,3-DIONE * 5-METHYLISATIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:790 mg/kg RPTOAN 45,10,82
1J26 ipr-mus LD50:790 mg/kg PCJOAU 15,858,81

NL7939500 INDOLE-2,3-DIONE, 7-METHYL-
UPDT 8305 CAS: 1127-59-9 MW: 161.17 MOLFM: C9-H7-N-O2
SYN: 1H-INDOLE-2,3-DIONE, 7-METHYL- (9CI) * 7-METHYL-INDOLE-2,3-DIONE * 7-METHYLISATIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:336 mg/kg RPTOAN 45,10,82
1J26 ipr-mus LD50:336 mg/kg PCJOAU 15,858,81

1H-INDOLE-2,3-DIONE, 1-METHYL- (9CI) see: NL7939000
1H-INDOLE-2,3-DIONE, 5-METHYL- (9CI) see: NL7939300
1H-INDOLE-2,3-DIONE, 7-METHYL- (9CI) see: NL7939500

NL7950000 INDOLE-2,3-DIONE, 1-METHYL-, 3-OXIME
UPDT 8403 MW: 176.19 MOLFM: C9-H8-N2-O2
SYN: 1-METHYLINDOLE-2,3-DIONE 3-OXIME * N-METHYL-ISATIN-3-OXIM (German)
TOXICITY DATA AND REFERENCES:
2F02F25 ipr-mus LD50:670 mg/kg PHARAT 37,858,82

NL7980000 INDOLE-2,3-DIONE, 3-OXIME
UPDT 8403 CAS: 607-28-3 MW: 162.16 MOLFM: C8-H6-N2-O2
SYN: ISATIN-3-OXIME * 3-OXIMEINDOLE-2,3-DIONE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:150 mg/kg JPETAB 119,522,57

NL7984000 INDOLE-2,3-DIONE, 1-PHENYL-
UPDT 8305 CAS: 723-89-7 MW: 223.24 MOLFM: C14-H9-N-O2
SYN: 1H-INDOLE-2,3-DIONE, 1-PHENYL- (9CI) * 1-PHENYL-INDOLE-2,3-DIONE * 1-PHENYLISATIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:425 mg/kg RPTOAN 45,10,82
1J26 ipr-mus LD50:425 mg/kg PCJOAU 15,858,81

1H-INDOLE-2,3-DIONE, 1-PHENYL- (9CI) see: NL7984000

NL7988000 1H-INDOLE, 1,2-DIPHENYL-4-(OXIRANYLMETHOXY)-
UPDT 8405 CAS: 76410-31-6 MW: 341.43 MOLFM: C23-H19-N-O2
SYN: 1,2-DIPHENYL-4-(OXIRANYLMETHOXY)-1H-INDOLE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

1H-INDOLE-3-ETHANAMINE see: NL4020000
1H-INDOLE-3-ETHANAMINE, 2-(4-BROMOPHENYL)-alpha-ETHYL- (9CI) see: NL3792000
1H-INDOLE-3-ETHANAMINE, 2-(4-BROMOPHENYL)-alpha-METHYL- (9CI) see: NL4585000
1H-INDOLE-3-ETHANAMINE, 2-(4-CHLOROPHENYL)-alpha-ETHYL- (9CI) see: NL3830000
1H-INDOLE-3-ETHANAMINE, 2-(4-CHLOROPHENYL)-alpha-METHYL- (9CI) see: NL4660500
1H-INDOLE-3-ETHANAMINE, alpha-ETHYL-2-(4-METHOXYPHENYL)- (9CI) see: NL3845000
1H-INDOLE-3-ETHANAMINE, alpha-ETHYL-2-PHENYL- (9CI) see: NL3880000
1H-INDOLE-3-ETHANAMINE, 5-METHOXY-, MONOHYDROCHLORIDE see: NL4110000
1H-INDOLE-3-ETHANAMINE, 2-(4-METHOXYPHENYL)-alpha-METHYL- (9CI) see: NL4706000
1H-INDOLE-3-ETHANAMINE, alpha-METHYL-, MONOACETATE (9CI) see: NL4575000
1H-INDOLE-3-ETHANAMINE, alpha-METHYL-, MONOHYDROCHLORIDE (9CI) see: NL4709000
1H-INDOLE-3-ETHANAMINE, alpha-METHYL-2-PHENYL- (9CI) see: NL4711000

NL8509000 1H-INDOLE-3-ETHANAMINE, 5-NITRO-
UPDT 8311 CAS: 55747-72-3 MW: 205.24 MOLFM: C10-H11-N3-O2
SYN: 5-NITRO-1H-INDOLE-3-ETHANAMINE * 5-NITROTRYPTAMINE
MUTATION DATA AND REFERENCES:
mma-sat 100 ng/plate PCJOAU 16,721,82
dnr-esc 100 ug/L PCJOAU 16,721,82

NL8512500 INDOLE-3-ETHANOL, 5-HYDROXY-
UPDT 8403 CAS: 154-02-9 MW: 177.22 MOLFM: C10-H11-N-O2
SYN: 5-HTOL * 5-HYDROXYINDOLE-3-ETHANOL * 5-HYDROXYTRYPTOPHOL * 1H-INDOLE-3-ETHANOL, 5-HYDROXY- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:1500 ug/kg (1D pre) INJFA3 19,117,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1H-INDOLE-3-ETHANOL, 5-HYDROXY- (9CI) see: NL8512500

NL8513000 INDOLE-3-ETHANOL, 5-METHOXY-
UPDT 8403 CAS: 712-09-4 MW: 191.25 MOLFM: C11-H13-N-O2
SYN: 1H-INDOLE-3-ETHANOL, 5-METHOXY- (9CI) * 5-METHOXYINDOLE-3-ETHANOL * 5-METHOXYTRYPTOPHOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T12T14 scu-rat TDLo:9333 ug/kg (28D pre) SCIEAS 145,63,64
1T03 scu-rat TDLo:25200 ug/kg (21D male) JRPFA4 30,305,72
1T29 scu-rbt TDLo:750 ug/kg (1D pre) ENDOAO 83,599,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1H-INDOLE-3-ETHANOL, 5-METHOXY- (9CI) see: NL8513000

NL8762200 INDOLE, 3-((2-ETHYLPIPERIDINO)METHYL)-
UPDT:8305 MW: 242.40 MOLFM: C16-H22-N2
SYN: 3-((2-ETHYLPIPERIDINO)METHYL)INDOLE
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:23500 ug/kg AIPTAK 98,335,54

NL8793450 INDOLE, 1-(1-HEXYLOXYETHYL)-
UPDT:8402 MW: 245.40 MOLFM: C16-H23-N-O
SYN: 1-(alpha-HEXYLOXYETHYL)INDOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2900 mg/kg PCJOAU 17,96,83

NL8850000 INDOLE, 5-HYDROXY-3-(4-PIPERIDYLMETHYL)
UPDT:8310 MW: 34.00 MOLFM: C14-H18-N2-O
SYN: 5-HYDROXY-3-(4-PIPERIDYLMETHYL)INDOLE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:16 mg/kg CSLNX* NX#12397

NL9100000 INDOLE, 1-(1-ISOBUTOXYETHYL)-
UPDT:8402 MW: 217.34 MOLFM: C14-H19-N-O
SYN: 1-(alpha-ISOBUTOXYETHYL)INDOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2000 mg/kg PCJOAU 17,96,83

NL9486800 3-INDOLEMETHANOL, 5-METHOXY-alpha-(3-PYRIDYL)-
UPDT:8408 MW: 254.31 MOLFM: C15-H14-N2-O2
SYN: ICIG 779 * (5'-METHOXY-3'-INDOLYL)-beta-PYRIDYLMETHANOL * 5-METHOXY-alpha-(3-PYRIDYL)-3-INDOLEMETHANOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1200 mg/kg BIMDB3 21,101,74

NL9486900 3-INDOLEMETHANOL, 1-METHYL-
UPDT:8405 MW: 161.22 MOLFM: C10-H11-N-O
SYN: 3-HYDROXYMETHYL-1-METHYLINDOLE
MUTATION DATA AND REFERENCES:
oms-rat:lvr 20 umol/L CBINA8 30,325,80

NL9495500 3-INDOLEMETHANOL, alpha-(3-PYRIDYL)-
UPDT:8408 MW: 224.28 MOLFM: C14-H12-N2-O
SYN: ICIG 780 * (3-INDOLYL)-beta-PYRIDYLMETHANOL * alpha-(3-PYRIDYL)-3-INDOLEMETHANOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg BIMDB3 21,101,74

NL9560000 INDOLE, 1-(1-METHOXYETHYL)-
UPDT:8402 MW: 175.25 MOLFM: C11-H13-N-O
SYN: 1-(alpha-METHOXYETHYL)INDOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1440 mg/kg PCJOAU 17,96,83

NL9620000 1H-INDOLE, 5-METHOXY-2-(4-METHOXYPHENYL)-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-
UPDT:8311 CAS: 66355-06-4 MW: 367.46 MOLFM: C18-H17-N5-O2-S
SYN: LCG 20148 * 5-METHOXY-2-(4-METHOXYPHENYL)-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-1H-INDOLE
TOXICITY DATA AND REFERENCES:
2F29Y55 orl-mus LD40:500 mg/kg EJMCA5 12,525,77

NL9803000 1H-INDOLE, 2-(p-METHOXYPHENYL)-4-(OXIRANYLMETHOXY)-1-PHENYL-
UPDT:8405 CAS: 76411-32-7 MW: 371.46 MOLFM: C24-H21-N-O3
SYN: 2-(p-METHOXYPHENYL)-4-(OXIRANYLMETHOXY)-1-PHENYL-1H-INDOLE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

NL9805000 1H-INDOLE, 2-(4-METHOXYPHENYL)-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-
UPDT:8311 CAS: 66355-01-9 MW: 337.43 MOLFM: C17-H15-N5-O-S
SYN: LCS 22711 * 2-(4-METHOXYPHENYL)-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-1H-INDOLE
TOXICITY DATA AND REFERENCES:
2F29Y55 orl-mus LD20:500 mg/kg EJMCA5 12,525,77

NL9805100 1H-INDOLE, 5-METHOXY-2-PHENYL-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-
UPDT:8311 CAS: 66403-52-9 MW: 337.43 MOLFM: C17-H15-N5-O-S
SYN: LCS 27725 * 5-METHOXY-2-PHENYL-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-1H-INDOLE
TOXICITY DATA AND REFERENCES:
1U26 orl-mus LD20:500 mg/kg EJMCA5 12,525,77

NL9805200 1H-INDOLE, 6-METHOXY-2-PHENYL-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-
UPDT:8311 CAS: 66354-98-1 MW: 337.43 MOLFM: C17-H15-N5-O-S
SYN: LCG 20151 * 6-METHOXY-2-PHENYL-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-1H-INDOLE
TOXICITY DATA AND REFERENCES:
2F29Y55 orl-mus LD20:500 mg/kg EJMCA5 12,525,77

NM0350000 INDOLE, 3-METHYL-
UPDT:8306 CAS: 83-34-1 MW: 131.19 MOLFM: C9-H9-N
SYN: beta-METHYLINDOLE * 3-METHYLINDOLE * 3-METHYL-1H-INDOLE * 3-MI * SCATOLE * SKATOL * SKATOLE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3450 mg/kg FCTXAV 14,863,76
3L30M30P30 ipr-mus LD50:175 mg/kg FCTXAV 14,863,76
* scu-frg LDLo:1000 mg/kg 85ESA3 9,1106,76
1J16 orl-dom LDLo:300 mg/kg FCTXAV 14,863,76
2J06J16 orl-ctl LDLo:200 mg/kg FCTXAV 14,863,76
2J06J16 ivn-ctl LDLo:60 mg/kg FCTXAV 14,863,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NM0925000 INDOLE, 1-METHYL-4-(2-OXAZOLIDINYLIDENEAMINO)-
UPDT:8311 MW: 215.28 MOLFM: C12-H13-N3-O
SYN: 1-METHYL-4-(2-OXAZOLIDINYLIDENEAMINO)INDOLE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate ENMUDM 5,527,83

NM0925050 INDOLE, 1-METHYL-7-(2-OXAZOLIDINYLIDENEAMINO)-
UPDT:8311 MW: 214.27 MOLFM: C12-H12-N3-O
SYN: 1-METHYL-7-(2-OXAZOLIDINYLIDENEAMINO)INDOLE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate ENMUDM 5,527,83

NM0935000 INDOLE, 2-METHYL-3-(2-(4-PHENYL-1-PIPERAZINYL)ETHYL)-
UPDT:8406 CAS: 4121-77-1 MW: 319.49 MOLFM: C21-H25-N3
SYN: 1H-INDOLE, 2-METHYL-3-(2-(4-PHENYL-1-PIPERAZINYL)ETHYL)- (9CI) * 1-(2-(2-METHYLINDOL-3-YL)ETHYL)-4-PHENYLPIPERAZINE * 2-METHYL-3-(2-(4-PHENYL-1-PIPERAZINYL)ETHYL)INDOLE * 2-METHYL-3-(2-(4-PHENYL-1-PIPERAZINYL)ETHYL)-1H-INDOLE * WIN 18437
TOXICITY DATA AND REFERENCES:
3F12F21J25 ipr-mus LD50:157 mg/kg BJPCAL 26,186,66
1H-INDOLE, 2-METHYL-3-(2-(4-PHENYL-1-PIPERAZINYL)ETHYL)- (9CI) see: NM0935000

NM0960000 INDOLE, 3-((3-METHYLPIPERIDINO)METHYL)-
UPDT:8305 CAS: 19213-30-0 MW: 228.37 MOLFM: C15-H20-N2
SYN: 3-((3-METHYLPIPERIDINO)METHYL)INDOLE
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:29 mg/kg AIPTAK 98,335,54

NM0961000 INDOLE, 3-((4-METHYLPIPERIDINO)METHYL)-
UPDT:8305 CAS: 21000-95-3 MW: 228.37 MOLFM: C15-H20-N2
SYN: 3-((4-METHYLPIPERIDINO)METHYL)INDOLE
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:30500 ug/kg AIPTAK 98,335,54

NM0961500 1H-INDOLE, 1-METHYL-3-(2-(4-PIPERIDINYL)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8311 CAS: 63845-41-0 MW: 278.86 MOLFM: C16-H22-N2 Cl-H
SYN: 4-(2-(1-METHYL-3-INDOLYL)-AETHYL-PIPERIDIN-HYDROCHLORID (German) * 1-METHYL-3-(2-(4-PIPERIDINYL)ETHYL)-1H-INDOLE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F03F17 orl-mus LD50:225 mg/kg GWXXBX #2618152
2F03F17 ivn-mus LD50:44 mg/kg GWXXBX #2618152

NM0962000 INDOLE, 3-(2-(1-METHYL-2-PIPERIDYL)ETHYL)-
UPDT:8305 MW: 242.40 MOLFM: C16-H22-N2
SYN: 3-(2-(1-METHYL-2-PIPERIDYL)ETHYL)INDOLE
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:23 mg/kg AIPTAK 98,335,54

NM0970000 INDOLE, 3-(1-METHYL-2-PIPERIDYLMETHYL)-
UPDT:8305 MW: 228.37 MOLFM: C15-H20-N2
SYN: 3-(1-METHYL-2-PIPERIDYLMETHYL)INDOLE * 1-METHYL-2-SKATYLPIPERIDINE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:8910 ug/kg CSLNX* NX#12272
* unk-mus LDLo:14 mg/kg AIPTAK 98,335,54

NM1190000 INDOLE, 5-NITRO-3-(PYRROLIDINYLMETHYL)-
UPDT:8310 MW: 245.31 MOLFM: C13-H15-N3-O2
SYN: 5-NITRO-3-(PYRROLIDINYLMETHYL)INDOLE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:4 mg/kg JMCMAR 9,140,66

NM1199000 INDOLE, 1-(2-OXAZOLIDINYLIDENEAMINO)-
UPDT:8311 MW: 203.27 MOLFM: C11-H13-N3-O
SYN: 1-(2-OXAZOLIDINYLIDENEAMINO)INDOLE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate ENMUDM 5,527,83

NM1275000 1H-INDOLE, (PHENYLAZO)-
UPDT:8408 CAS: 51365-20-9 MW: 221.28 MOLFM: C14-H11-N3
SYN: PHENYLAZOINDOLE
MUTATION DATA AND REFERENCES:
cyt-mky:kdy 100 mg/L TSITAQ 15,1505,73

NM1300700 INDOLE, 1-PHENYL-3-(4-PIPERIDINOBUTYL)-
UPDT:8305 MW: 332.53 MOLFM: C23-H28-N2
SYN: N [illegible] * 1-PHENYL-3-(4-PIPERIDINOBUTYL)INDOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:67 mg/kg AIPTAK 119,119,59

NM1300750 INDOLE, 1-PHENYL-3-(2-PIPERIDINOETHYL)-
UPDT:8305 MW: 304.47 MOLFM: C21-H24-N2
SYN: N 521 * 1-PHENYL-3-(2-PIPERIDINOETHYL)INDOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:152 mg/kg AIPTAK 119,119,59

NM1300800 INDOLE, 1-PHENYL-3-(PIPERIDINOMETHYL)-
UPDT:8305 MW: 290.44 MOLFM: C20-H22-N2
SYN: N 507 * 1-PHENYL-3-(PIPERIDINOMETHYL)INDOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:90 mg/kg AIPTAK 119,119,59

NM1300850 INDOLE, 1-PHENYL-3-(3-PIPERIDINOPROPYL)-
UPDT:8305 MW: 318.50 MOLFM: C22-H26-N2
SYN: N 551 * 1-PHENYL-3-(3-PIPERIDINOPROPYL)INDOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:85 mg/kg AIPTAK 119,119,59

NM1301500 1H-INDOLE, 2-PHENYL-3-((1-(1H-TETRAZOL-5-YL)ETHYL)THIO)-
UPDT:8311 CAS: 66355-08-6 MW: 321.43 MOLFM: C17-H15-N5-S
SYN: LCS 22731 * 2-PHENYL-3-((1-(1H-TETRAZOL-5-YL)ETHYL)THIO)-1H-INDOLE
TOXICITY DATA AND REFERENCES:
2F29Y55 orl-mus LD20:500 mg/kg EJMCA5 12,525,77

NM1302000 1H-INDOLE, 2-PHENYL-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-
UPDT:8311 CAS: 66354-90-3 MW: 307.40 MOLFM: C16-H13-N5-S
SYN: LCS 22688 * PHENYL-2 (TETRAZOLYL-5 METHYLTHIO)-3 INDOLE (French) * 2-PHENYL-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-1H-INDOLE
TOXICITY DATA AND REFERENCES:
2F29U26 orl-mus LD50:1050 mg/kg EJMCA5 12,525,77

NM1302300 1H-INDOLE, 2-PHENYL-3-(1H-TETRAZOL-5-YLTHIO)-
UPDT:8311 CAS: 66354-89-0 MW: 293.37 MOLFM: C15-H11-N5-S
SYN: LCS 22690 * PHENYL-2(TETRAZOLYL-5 THIO)-3 INDOLE (French) * 2-PHENYL-3-(1H-TETRAZOL-5-YLTHIO)-1H-INDOLE
TOXICITY DATA AND REFERENCES:
2F29Y55 orl-mus LD40:500 mg/kg EJMCA5 12,525,77

NM1304000 1H-INDOLE, 3-(2-(4-PIPERIDINYL)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8311 CAS: 63845-42-1 MW: 264.83 MOLFM: C15-H20-N2 Cl-H
SYN: 4-(2-(3-INDOLYL)-AETHYL)-PIPERIDIN HYDROCHLORID (German) * 3-(2-(4-PIPERIDINYL)ETHYL)-1H-INDOLE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F03F17 orl-mus LD50:600 mg/kg GWXXBX #2618152
2F03F17 ivn-mus LD50:60 mg/kg GWXXBX #2618152

NM1306000 INDOLE, 3-(2-PIPERIDYLMETHYL)-
UPDT:8310 MW: 213.33 MOLFM: C14-H17-N2
SYN: 3-(PIPERIDYL-(2)-METHYL) INDOLE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:16 mg/kg CSLNX* NX#12002
* unk-mus LDLo:23500 ug/kg AIPTAK 98,335,54

NM1308000 INDOLE, 3-(4-PIPERIDYLMETHYL)-
UPDT:8311 CAS: 3515-49-9 MW: 214.34 MOLFM: C14-H18-N2
SYN: 1H-INDOLE, 3-(4-PIPERIDINYLMETHYL)- (9CI) * 4-(3-INDOLYL-METHYL)-PIPERIDIN (German) * 4-(3-INDOLYLMETHYL)PIPERIDINE * LM 5015 * 3-(4-PIPERIDINOMETHYL) INDOLE * 3-(4-PIPERIDINYLMETHYL)-1H-INDOLE
TOXICITY DATA AND REFERENCES:
2F03F17 orl-mus LD50:225 mg/kg GWXXBX #2618152
2F03F17 ivn-mus LD50:57 mg/kg GWXXBX #2618152
1H-INDOLE, 3-(4-PIPERIDINYLMETHYL)- (9CI) see: NM1308000
INDOLE-3-PROPIONIC ACID, alpha-AMINO- see: YN6130000

NM1520000 INDOLE, 1-(1-PROPOXYETHYL)-
UPDT:8402 CAS: 22942-79-6 MW: 203.31 MOLFM: C13-H17-N-O
SYN: N-(alpha-PROPOXYETHYL)INDOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:900 mg/kg PCJOAU 17,96,83

NM1577000 INDOLE, 3-((2-PROPYLPIPERIDINO)METHYL)-
UPDT:8305 MW: 256.43 MOLFM: C17-H24-N2
SYN: 3-((2-PROPYLPIPERIDINO)METHYL)INDOLE
TOXICITY DATA AND REFERENCES:
* unk-mus LDLo:16500 ug/kg AIPTAK 98,335,54

NM1700000 1H-INDOLE, 3-(3-PYRIDINYLMETHYL)-
UPDT:8408 CAS: 5275-04-7 MW: 208.28 MOLFM: C14-H12-N2
SYN: ICIG 879 * beta-(3-INDOLYL)METHYLPYRIDINE * 3-(3-PYRIDINYLMETHYL)-1H-INDOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg BIMDB3 21,101,74
INDOL-3-ETHYLAMINE see: NL4020000

NM1888000 INDOLE, 2,3,5-TRIMETHYL-
UPDT:8303 CAS: 21296-92-4 MW: 159.25 MOLFM: C11-H13-N
SYN: 1H-INDOLE, 2,3,5-TRIMETHYL- * 2,3,5-TRIMETHYLINDOLE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate TXCYAC 18,219,80
mma-sat 1 umol/plate TXCYAC 23,1,82

1H-INDOLE, 2,3,5-TRIMETHYL- see: NM1888000

NM1889200 INDOLE, 2,3,6-TRIMETHYL-
UPDT 8305 MW: 159.25 MOLFM: C11-H13-N
SYN: 2,3,6-TRIMETHYLINDOLE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate TXCYAC 23,1,82
mma-sat 1 umol/plate TXCYAC 23,1,82

NM1890200 INDOLE-3,5,6-TRIOL, 1-METHYL-
UPDT 8303 CAS: 642-75-1 MW: 179.19 MOLFM: C9-H9-N-O3
SYN: ADRENOLUTIN * 1H-INDOLE-3,5,6-TRIOL, 1-METHYL- (9CI) * N-METHYL-5,6-DIHYDROXYINDOXYL * 1-METHYL-1H-INDOLE-3,5,6-TRIOL * TRIHYDROXY-N-METHYLINDOLE * 3,5,6-TRIHYDROXY-N-METHYLINDOLE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:235 mg/kg AIPTAK 106,90,56

1H-INDOLE-3,5,6-TRIOL, 1-METHYL- (9CI) see: NM1890200
INDOLIN see: NK7875000
INDOLIN-2,3-DIONE, 1-MORPHOLINOMETHYL-, 3-(2-NAPHTHYLOXY)ACETYLHYDRAZONE see: AI9692000
INDOLIN-2,3-DIONE, 1-(1-PIPERIDINOMETHYL)-, 3-(2-NAPHTHYLOXY)ACETYLHYDRAZONE see: AI9698000
INDOLIN-2,3-DIONE, 1-PYRROLIDINOMETHYL-, 3-(2-NAPHTHYLOXY)ACETYLHYDRAZONE see: AI9695000
INDOLIN-2,3-DIONE, 1-(4-p-TOLYL-1-PIPERAZINYLMETHYL)-, 3-(2-NAPHTHYLOXY)ACETYLHYDRAZONE see: AI9696000

NM1890300 1-INDOLINEACETAMIDE, 2,3-DIOXO-
UPDT 8403 MW: 204.20 MOLFM: C10-H8-N2-O3
SYN: 2,3-DIOXO-1-INDOLINEACETAMIDE * ISATIN-1-(N)-ACTAMID (German)
TOXICITY DATA AND REFERENCES:
2F02F25 ipr-mus LD50:4030 mg/kg PHARAT 37,858,82

NM1891800 INDOLINE-1-ACETIC ACID, 2,3-DIOXO-
UPDT 8305 CAS: 60705-96-6 MW: 205.18 MOLFM: C10-H7-N-O4
SYN: 2,3-DIOXO-1-INDOLINEACETIC ACID * 1H-INDOLE-1-ACETIC ACID, 2,3-DIHYDRO-2,3-DIOXO- (9CI) * 1-INDOLINEACETIC ACID, 2,3-DIOXO
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:631 mg/kg RPTOAN 45,10,82
1J26 ipr-mus LD50:631 mg/kg PCJOAU 15,858,81

1-INDOLINEACETIC ACID, 2,3-DIOXO- see: NM1891800

NM1891840 INDOLINE-1-ACETIC ACID, 2,3-DIOXO-, ETHYL ESTER
UPDT 8305 CAS: 41042-21-1 MW: 233.24 MOLFM: C12-H11-N-O4
SYN: 2,3-DIOXO-1-INDOLINEACETIC ACID ETHYL ESTER * 1H-INDOLE-1-ACETIC ACID, 2,3-DIHYDRO-2,3-DIOXO-, ETHYL ESTER (9CI) * 1-INDOLINEACETIC ACID) 2,3-DIOXO-, ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:664 mg/kg RPTOAN 45,10,82
1J26 ipr-mus LD50:664 mg/kg PCJOAU 15,858,81

1-INDOLINEACETIC ACID) 2,3-DIOXO-, ETHYL ESTER see: NM1891840

NM1893650 7-INDOLINECARBOXAMIDE, 3,3-DIPHENYL-2-OXO-
UPDT 8305 MW: 328.39 MOLFM: C21-H16-N2-O2
SYN: 3,3-DIPHENYL-2-OXO-7-INDOLINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:1410 mg/kg RPTOAN 44,62,81

NM1893700 7-INDOLINECARBOX-p-ANISIDIDE, 3,3-DIPHENYL-2-OXO-
UPDT 8305 MW: 434.52 MOLFM: C28-H22-N2-O3
SYN: 3,3-DIPHENYL-2-OXO-7-INDOLINECARBOX-p-ANISIDIDE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:600 mg/kg RPTOAN 44,62,81

7-INDOLINECARBOXYLIC ACID, 3,3-DIPHENYL-2-OXO- see: NL5998600
2,3-INDOLINEDIONE see: NL7873000

NM1925000 5,6-INDOLINEDIONE, 3-HYDROXY-1-METHYL-
UPDT 8303 CAS: 54-06-8 MW: 179.19 MOLFM: C9-H9-N-O3
SYN: ADRAXONE * ADRENOCHROME * 3-HYDROXY-1-METHYL-5,6-INDOLINEDIONE * 1H-INDOLE-5,6-DIONE, 2,3-DIHYDRO-3-HYDROXY-1-METHYL- (9CI) * USAF UCTL-7
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:150 mg/kg AIPTAK 106,90,56
ipr-mus LD50:100 mg/kg NTIS** AD277-689
* ivn-mus LD50:128 mg/kg AIPTAK 106,90,56

NM2000000 INDOLINE, 1-NITROSO-
UPDT 8401 CAS: 7633-57-0 MW: 148.18 MOLFM: C8-H8-N2-O
SYN: N-NITROSOINDOLIN (German) * N-NITROSOINDOLINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:20 gm/kg/2Y-C ZEKBAI 69,103,67
TOXICITY DATA AND REFERENCES:
orl-rat LD50:320 mg/kg ZEKBAI 69,103,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NM2035000 INDOLINE-3-PROPIONIC ACID, alpha-AMINO-3-HYDROXY-2-OXO-, mixed with SODIUM NITRITE
UPDT 8402 MW: 305.25 MOLFM: C11-H12-N2-O4 N-Na-O2
SYN: 2,3-DIHYDRO-3-HYDROXY-2-OXO-TRYPTOPHAN mixed with SODIUM NITRITE * SODIUM NITRITE mixed with 2,3-DIHYDRO-3-HYDROXY-2-OXO-TRYPTOPHAN
MUTATION DATA AND REFERENCES:
mma-sat 330 ug/plate MUREAV 111,33,83

NM2080000 INDOLINIUM, 5-CHLORO-1,1-DIMETHYL-, BROMIDE
UPDT 8406 CAS: 32179-45-6 MW: 262.60 MOLFM: C10-H13-Cl-N Br
SYN: 1H-INDOLIUM, 5-CHLORO-2,3-DIHYDRO-1,1-DIMETHYL-, BROMIDE (9CI) * 1-METHYL-5-CHLOROINDOLINE METHYLBROMIDE * S 6 * S 6 (PHARMACEUTICAL)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:6 gm/kg (30D male) OYYAA2 7,991,73
1T03 orl-rat TDLo:9 gm/kg (30D male) OYYAA2 7,991,73
2T31T34 orl-mus TDLo:140 mg/kg (7-13D preg) OYYAA2 7,1171,73
2T81T86 orl-mus TDLo:70 mg/kg (7-13D preg) OYYAA2 7,1171,73
1T35 orl-mus TDLo:210 mg/kg (7-13D preg) OYYAA2 7,1171,73
3T46T81T86 scu-mus TDLo:35 mg/kg (7-13D preg) OYYAA2 7,1171,73
1T31 scu-mus TDLo:70 mg/kg (7-13D preg) OYYAA2 7,1171,73
1T81 orl-rbt TDLo:300 mg/kg (7-16D preg) OYYAA2 7,1171,73
1T86 orl-rbt TDLo:100 mg/kg (7-16D preg) OYYAA2 7,1171,73
2T46T86 scu-rbt TDLo:20 mg/kg (7-16D preg) OYYAA2 7,1171,73
1T25 scu-rbt TDLo:50 mg/kg (7-16D preg) OYYAA2 7,1171,73
TOXICITY DATA AND REFERENCES:
3D17K01K12 orl-rat LD50:447 mg/kg OYYAA2 7,991,73
3D17K01K12 scu-rat LD50:213 mg/kg OYYAA2 7,991,73
3D17K01K12 ivn-rat LD50:9100 ug/kg OYYAA2 7,991,73
3D17K01K12 orl-mus LD50:536 mg/kg OYYAA2 7,991,73
3D17K01K12 scu-mus LD50:128 mg/kg OYYAA2 7,991,73
3D17K01K12 ivn-mus LD50:12 mg/kg OYYAA2 7,991,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NM2080900 2-INDOLINONE, 5-ACETYL-3,3-DIPHENYL-1-(MORPHOLINOMETHYL)-
UPDT 8303 MW: 426.55 MOLFM: C27-H26-N2-O3
SYN: 5-ACETYL-3,3-DIPHENYL-1-(MORPHOLINOMETHYL)-2-INDOLINONE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:249 mg/kg PCJOAU 16,48,82

NM2081200 2-INDOLINONE, 3-(AMINOMETHYL)-1-(p-CHLOROBENZYL)-3-HYDROXY-, MONOHYDROCHLORIDE
UPDT 8408 CAS: 32177-63-2 MW: 339.24 MOLFM: C16-H15-Cl-N2-O2 Cl-H
SYN: 3-AMINOMETHYL-1-(p-CHLOROBENZYL)-3-HYDROXYINDOLIN-2-ONE HYDROCHLORIDE * 2H-INDOL-2-ONE, 1,3-DIHYDRO-3-(AMINOMETHYL)-1-((4-CHLOROPHENYL)METHYL)-3-HYDROXY-, HCl
TOXICITY DATA AND REFERENCES:
1F07 ipr-mus LDLo:200 mg/kg YKKZAJ 91,1323,71

NM2081300 2-INDOLINONE, 1-BENZYL-3-(2-(DIETHYLAMINO)ETHOXY)-3-METHYL-, HYDROCHLORIDE
UPDT 8408 CAS: 34944-00-8 MW: 388.98 MOLFM: C22-H28-N2-O2 Cl-H
SYN: 1-BENZYL-3-(2-(DIETHYLAMINO)ETHOXY)-3-METHYL-2-INDOLINONE HYDROCHLORIDE * 2H-INDOL-2-ONE, 3-(2-(DIETHYLAMINO)ETHOXY)-1,3-DIHYDRO-3-METHYL-1-(PHENYLMETHYL)-, HCl
TOXICITY DATA AND REFERENCES:
3F07F12F19 ipr-mus LDLo:50 mg/kg YKKZAJ 91,1323,71

NM2081400 2-INDOLINONE, 1-BENZYL-3-(3-(DIETHYLAMINO)PROPOXY)-3-METHYL-, OXALATE
UPDT 8408 CAS: 34944-02-0 MW: 456.59 MOLFM: C23-H30-N2-O2 C2-H2-O4
SYN: 1-BENZYL-3-(3-(DIETHYLAMINO)PROPOXY)-3-METHYL-2-INDOLINONE OXALATE * 2H-INDOL-2-ONE, 1,3-DIHYDRO-3-(3-(DIETHYLAMINO)PROPOXY)-3-METHYL-1-(PHENYLMETHYL)-, OXALATE
TOXICITY DATA AND REFERENCES:
1F07 ipr-mus LDLo:100 mg/kg YKKZAJ 91,1323,71

NM2081600 2-INDOLINONE, 1-BENZYL-3-(2-(DIMETHYLAMINO)ETHOXY)-3-METHYL-, MALEATE
UPDT 8408 CAS: 34943-99-2 MW: 440.54 MOLFM: C20-H24-N2-O2 C4-H4-O4
SYN: 1-BENZYL-3-(2-(DIMETHYLAMINO)ETHOXY)-3-METHYL-2-INDOLINONE MALEATE
TOXICITY DATA AND REFERENCES:
1F07 ipr-mus LDLo:200 mg/kg YKKZAJ 91,1323,71

NM2081700 2-INDOLINONE, 1-BENZYL-3-(2-(DIMETHYLAMINO)ETHYL)-3-METHYL-, MONOHYDROCHLORIDE
UPDT 8408 CAS: 34943-94-7 MW: 344.92 MOLFM: C20-H24-N2-O Cl-H
SYN: 1-BENZYL-3-(2-(DIMETHYLAMINO)ETHYL)-3-METHYL-2-INDOLINONE HYDROCHLORIDE * 2H-INDOL-2-ONE, 1,3-DIHYDRO-3-(2-(DIMETHYLAMINO)ETHYL)-3-METHYL-1-(PHENYLMETHYL)-, HCl
TOXICITY DATA AND REFERENCES:
3D35F07F19 ipr-mus LDLo:50 mg/kg YKKZAJ 91,1323,71

NM2081800 2-INDOLINONE, 1-BENZYL-3-((DIMETHYLAMINO)METHYL)-3-METHYL-, HYDROCHLORIDE
UPDT 8408 CAS: 34943-92-5 MW: 330.89 MOLFM: C19-H22-N2-O Cl-H
SYN: 1-BENZYL-3-((DIMETHYLAMINO)METHYL)-3-METHYL-2-INDOLINONE HYDROCHLORIDE * 2H-INDOL-2-ONE, 1,3-DIHYDRO-3-((DIMETHYLAMINO)METHYL)-3-METHYL-1-(PHENYLMETHYL)-, HCl
TOXICITY DATA AND REFERENCES:
3F07F19R21 ipr-mus LDLo:200 mg/kg YKKZAJ 91,1323,71

NM2081900 2-INDOLINONE, 1-(BENZYLETHYLAMINO)-3-(3-(DIMETHYLAMINO)PROPYL)-3-PHENYL-, MONOHYDROCHLORIDE
UPDT 8408 CAS: 33456-27-8 MW: 464.10 MOLFM: C28-H33-N3-O Cl-H
SYN: 1-(BENZYLETHYLAMINO)-3-(3-(DIMETHYLAMINO)PROPYL)-3-PHENYL-2-INDOLINONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LDLo:250 mg/kg JMCMAR 16,49,73

NM2083100 2-INDOLINONE, 1-(BENZYLMETHYLAMINO)-3-PHENYL-3-(3-PIPERIDINOPROPYL)-, MONOHYDROCHLORIDE
UPDT 8408 CAS: 33585-28-3 MW: 490.14 MOLFM: C30-H35-N3-O Cl-H
SYN: 1-(BENZYLMETHYLAMINO)-3-PHENYL-3-(3-PIPERIDINOPROPYL)-2-INDOLINONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LDLo:250 mg/kg JMCMAR 16,49,73

NM2083300 2-INDOLINONE, 1-(BENZYLMETHYLAMINO)-3-PHENYL-3-(3-(1-PYRROLIDINYL)PROPYL)-
UPDT 8408 CAS: 33456-19-8 MW: 439.65 MOLFM: C29-H33-N3-O
SYN: 1-(BENZYLMETHYLAMINO)-3-PHENYL-3-(3-(1-PYRROLIDINYL)PROPYL)-2-INDOLINONE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LDLo:125 mg/kg JMCMAR 16,49,73

NM2083700 2-INDOLINONE, 1-BENZYL-3-METHYL-3-(3-(MORPHOLINO)PROPOXY)-, MONOHYDROCHLORIDE, HYDRATE
UPDT 8408 CAS: 36396-01-7 MW: 435.01 MOLFM: C23-H28-N2-O3 Cl-H H2-O
SYN: 1-BENZYL-3-METHYL-3-(3-(MORPHOLINO)PROPOXY)-2-INDOLINONE HYDROCHLORIDE HYDRATE
TOXICITY DATA AND REFERENCES:
2F07F19 ipr-mus LDLo:100 mg/kg YKKZAJ 91,1323,71

NM2083900 2-INDOLINONE, 1-BENZYL-3-METHYL-3-(2-(PIPERIDINO)ETHOXY)-, OXALATE
UPDT 8408 CAS: 34944-01-9 MW: 454.57 MOLFM: C23-H28-N2-O2 C2-H2-O4
SYN: 1-BENZYL-3-METHYL-3-(2-(PIPERIDINO)ETHOXY)-2-INDOLINONE OXALATE * 2H-INDOL-2-ONE, 1,3-DIHYDRO-3-METHYL-1-(PHENYLMETHYL)-3-(2-(1-PIPERIDINYL)ETHOXY)-, OXALATE
TOXICITY DATA AND REFERENCES:
1F07 ipr-mus LDLo:100 mg/kg YKKZAJ 91,1323,71

NM2084100 2-INDOLINONE, 1-BENZYL-3-METHYL-3-(2-(PIPERIDINO)ETHYL)-, MONOHYDROCHLORIDE
UPDT 8408 CAS: 34943-96-9 MW: 384.99 MOLFM: C23-H28-N2-O Cl-H
SYN: 1-BENZYL-3-METHYL-3-(2-(PIPERIDINO)ETHYL)-2-INDOLINONE HYDROCHLORIDE * 2H-INDOL-2-ONE, 1,3-DIHYDRO-3-METHYL-1-(PHENYLMETHYL)-3-(2-(1-PIPERIDINYL)ETHYL)-, HCl
TOXICITY DATA AND REFERENCES:
2F07F19 ipr-mus LDLo:50 mg/kg YKKZAJ 91,1323,71

NM2084120 2-INDOLINONE, 1-BENZYL-3-METHYL-3-PIPERIDINOMETHYL-, MONOHYDROCHLORIDE
UPDT 8408 CAS: 34943-93-6 MW: 370.96 MOLFM: C22-H26-N2-O Cl-H
SYN: 1-BENZYL-3-METHYL-3-PIPERIDINOMETHYL-2-INDOLINONE HYDROCHLORIDE * 2H-INDOL-2-ONE, 1,3-DIHYDRO-3-METHYL-1-(PHENYLMETHYL)-3-(1-PIPERIDINYLMETHYL)-, HCl
TOXICITY DATA AND REFERENCES:
3F07F19F23 ipr-mus LDLo:100 mg/kg YKKZAJ 91,1323,71

NM2084150 2-INDOLINONE, 3,3-BIS(p-TOLYL)-5-BROMO-1-((DIETHYLAMINO)METHYL)-
UPDT 8308 MW: 477.49 MOLFM: C27-H29-Br-N2-O
SYN: 3,3-BIS(p-TOLYL)-5-BROMO-1-((DIETHYLAMINO)METHYL)-2-INDOLINONE
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:3950 mg/kg RPTOAN 45,24,82

NM2084170 2-INDOLINONE, 3,3-BIS(p-TOLYL)-5-BROMO-1-(MORPHOLINOMETHYL)-
UPDT 8308 MW: 491.47 MOLFM: C27-H27-Br-N2-O2
SYN: 3,3-BIS(p-TOLYL)-5-BROMO-1-(MORPHOLINOMETHYL)-2-INDOLINONE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:1310 mg/kg RPTOAN 45,24,82

NM2084300 2-INDOLINONE, 5-BROMO-1-(DIETHYLAMINOMETHYL)-3,3-DI-p-TOLYL-
UPDT 8303 MW: 477.49 MOLFM: C27-H29-Br-N2-O
SYN: 5-BROMO-1-(DIETHYLAMINOMETHYL)-3,3-DI-p-TOLYL-2-INDOLINONE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:3950 mg/kg PCJOAU 16,48,82

NM2084350 2-INDOLINONE, 5-BROMO-3,3-DI-p-TOLYL-1-(MORPHOLINOMETHYL)-
UPDT 8303 MW: 491.47 MOLFM: C27-H27-Br-N2-O2
SYN: 5-BROMO-3,3-DI-p-TOLYL-1-(MORPHOLINOMETHYL)-2-INDOLINONE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:1310 mg/kg PCJOAU 16,48,82

NM2087700 2-INDOLINONE, 5-CHLORO-3-(5-(p-CHLOROPHENYL)-1,3,4-OXADIAZOL-2-YLIMINO)-
UPDT 8309 MW: 359.18 MOLFM: C16-H8-Cl2-N4-O2
SYN: 5-CHLORO-3-(5-(p-CHLOROPHENYL)-1,3,4-OXADIAZOL-2-YLIMINO)-2-INDOLINONE
TOXICITY DATA AND REFERENCES:
3E15F17J25 ipr-mus LD50:1000 mg/kg CUSCAM 51,1100,82

NM2088700 2-INDOLINONE, 1-((5-CHLORO-2-METHOXYBENZYL)METHYLAMINO)-3-(2-DIETHYLAMINO)ETHYL)-3-PHENYL-
UPDT 8309 CAS: 40714-40-7 MW: 492.11 MOLFM: C29-H34-Cl-N3-O2

SYN: 1-((5-CHLORO-2-METHOXYBENZYL)METHYLAMINO)-3-(2-DIETHYLAMINO)ETHYL)-3-PHENYL-2-INDOLINONE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LDLo:125 mg/kg JMCMAR 16,49,73

NM2089100 2-INDOLINONE, 5-CHLORO-1-METHYL-3-(5-PHENYL-1,3,4-OXADIAZOL-2-YLIMINO)-
UPDT 8309 MW: 338.77 MOLFM: C17-H11-Cl-N4-O2
SYN: 5-CHLORO-1-METHYL-3-(5-PHENYL-1,3,4-OXADIAZOL-2-YLIMINO)-2-INDOLINONE
TOXICITY DATA AND REFERENCES:
3E15F17J25 ipr-mus LD50:1000 mg/kg CUSCAM 51,1100,82

NM2089200 2-INDOLINONE, 5-CHLORO-3-(5-PHENYL-1,3,4-OXADIAZOL-2-YLIMINO)-
UPDT 8309 MW: 324.74 MOLFM: C16-H9-Cl-N4-O2
SYN: 5-CHLORO-3-(5-PHENYL-1,3,4-OXADIAZOL-2-YLIMINO)-2-INDOLINONE
TOXICITY DATA AND REFERENCES:
3E15F17J25 ipr-mus LD50:562 mg/kg CUSCAM 51,1100,82

NM2089300 2-INDOLINONE, 3-(5-(o-CHLOROPHENYL)-1,3,4-OXADIAZOL-2-YLIMINO)-
UPDT 8309 MW: 324.74 MOLFM: C16-H9-Cl-N4-O2
SYN: 3-(5-(o-CHLOROPHENYL)-1,3,4-OXADIAZOL-2-YLIMINO) INDOLIN-2-ONE
TOXICITY DATA AND REFERENCES:
3E15F17J25 ipr-mus LD50:1000 mg/kg CUSCAM 51,1100,82

NM2089400 2-INDOLINONE, 3-(5-(p-CHLOROPHENYL)-1,3,4-OXADIAZOL-2-YLIMINO)-1,5-DIMETHYL-
UPDT 8309 MW: 352.80 MOLFM: C18-H13-Cl-N4-O2
SYN: 3-(5-(p-CHLOROPHENYL)-1,3,4-OXADIAZOL-2-YLIMINO)-1,5-DIMETHYL-2-INDOLINONE
TOXICITY DATA AND REFERENCES:
3E15F17J25 ipr-mus LD50:681 mg/kg CUSCAM 51,1100,82

NM2089600 2-INDOLINONE, 3-(5-(p-CHLOROPHENYL)-1,3,4-OXADIAZOL-2-YLIMINO)-1-METHYL-
UPDT 8309 MW: 338.77 MOLFM: C17-H11-Cl-N4-O2
SYN: 3-(5-(p-CHLOROPHENYL)-1,3,4-OXADIAZOL-2-YLIMINO)-1-METHYL-2-INDOLINONE * 1-METHYL-3-(5-(p-CHLORPHENYL)-1,3,4-OXADIAZOL-2-YLIMINO)INDOLIN-2-ONE
TOXICITY DATA AND REFERENCES:
3E15F17J25 ipr-mus LD50:681 mg/kg CUSCAM 51,1100,82

NM2089800 2-INDOLINONE, 3-(2-(DIETHYLAMINO)ETHYL)-1-((2,3-DIMETHOXYBENZYL)METHYLAMINO)-3-PHENYL-
UPDT 8309 CAS: 40714-43-0 MW: 487.70 MOLFM: C30-H37-N3-O3
SYN: 3-(2-(DIETHYLAMINO)ETHYL)-1-((2,3-DIMETHOXYBENZYL)METHYLAMINO)-3-PHENYL-2-INDOLINONE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LDLo:250 mg/kg JMCMAR 16,49,73

NM2202200 2-INDOLINONE, 1,5-DIMETHYL-3-(5-PHENYL-1,3,4-OXADIAZOL-2-YLIMINO)-
UPDT 8309 MW: 318.36 MOLFM: C18-H14-N4-O2
SYN: 1,5-DIMETHYL-3-(5-PHENYL-1,3,4-OXADIAZOL-2-YLIMINO)-2-INDOLINONE
TOXICITY DATA AND REFERENCES:
3E15F17J25 ipr-mus LD50:681 mg/kg CUSCAM 51,1100,82

NM2202400 2-INDOLINONE, 3,3-DIPHENYL-5-METHOXY-1-(PIPERIDINOMETHYL)-
UPDT 8303 MW: 412.57 MOLFM: C27-H28-N2-O2
SYN: 3,3-DIPHENYL-5-METHOXY-1-(PIPERIDINOMETHYL)-2-INDOLINONE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:280 mg/kg PCJOAU 16,48,82

NM2203500 2-INDOLINONE, 3-(2-(5-HYDROXYINDOL-3-YL)-5-OXO-2-PYRROLIN-4-YLIDENE)-
UPDT 8407 CAS: 548-54-9 MW: 343.36 MOLFM: C20-H13-N3-O3
SYN: 3-(2-(5-HYDROXYINDOL-3-YL)-5-OXO-2-PYRROLIN-4-YLIDENE)-2-INDOLINONE * VIOLACEIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg 85GDA2 5,130,81

NM2208500 2-INDOLINONE, 3-(ISOPROPYLIMINO)-
UPDT 8403 MW: 172.25 MOLFM: C11-H12-N2
SYN: ISATIN-i-PROPYLIMIN (German) * 3-(ISOPROPYLIMINO)-2-INDOLINONE
TOXICITY DATA AND REFERENCES:
2F02F25 ipr-mus LD50:425 mg/kg PHARAT 37,858,82

NM2209000 2-INDOLINONE, 1-METHYL-3-(5-PHENYL-1,3,4-OXADIAZOL-2-YLIMINO)-
UPDT 8309 MW: 304.33 MOLFM: C17-H12-N4-O2
SYN: 1-METHYL-3-(5-PHENYL-1,3,4-OXADIAZOL-2-YLIMINO)INDOLIN-2-ONE
TOXICITY DATA AND REFERENCES:
3E15F17J25 ipr-mus LD50:261 mg/kg CUSCAM 51,1100,82

NM2209300 2-INDOLINONE, 5-METHYL-3-(5-PHENYL-1,3,4-OXADIAZOL-2-YLIMINO)-
UPDT 8309 MW: 304.33 MOLFM: C17-H12-N4-O2
SYN: 5-METHYL-3-(5-PHENYL-1,3,4-OXADIAZOL-2-YLIMINO)-2-INDOLINONE
TOXICITY DATA AND REFERENCES:
3E15F17J25 ipr-mus LD50:178 mg/kg CUSCAM 51,1100,82

NM2209400 2-INDOLINONE, 3-(2-NITRO-1-NITROSOETHYLIDENE)-
UPDT 8402 MW: 233.20 MOLFM: C10-H7-N3-O4
SYN: 3-(2-NITRO-1-NITROSOETHYLIDENE)-2-INDOLINONE
MUTATION DATA AND REFERENCES:
mma-sat 500 ug/plate MUREAV 111,33,83
mma-sat 500 ug/plate MUREAV 111,33,83

NM2209600 2-INDOLINONE, 3-(5-PHENYL-1,3,4-OXADIAZOL-2-YLIMINO)-
UPDT 8309 MW: 290.30 MOLFM: C16-H10-N4-O2
SYN: 3-(5-PHENYL-1,3,4-OXADIAZOL-2-YLIMINO)INDOLIN-2-ONE
TOXICITY DATA AND REFERENCES:
3E15F17J25 ipr-mus LD50:681 mg/kg CUSCAM 51,1100,82

NM2209700 2-INDOLINONE, 3-(PROPYLIMINO)-
UPDT 8403 MW: 188.25 MOLFM: C11-H12-N2-O
SYN: ISATIN-n-PROPYLIMIN (German) * 3-(PROPYLIMINO)-2-INDOLINONE
TOXICITY DATA AND REFERENCES:
2F02F25 ipr-mus LD50:340 mg/kg PHARAT 37,858,82

1H-INDOLIUM, 5-CHLORO-2,3-DIHYDRO-1,1-DIMETHYL-, BROMIDE (9CI) see: NM2080000

NM2256000 INDOLIZINE, 1,3-BIS((4-(2-CHLOROPHENYL)-1-PIPERAZINYL)METHYL)-2-PHENYL-
UPDT 8408 CAS: 58892-62-9 MW: 610.68 MOLFM: C36-H37-Cl2-N5
SYN: 1,3-BIS((4-(2-CHLOROPHENYL)-1-PIPERAZINYL)METHYL)-2-PHENYLINDOLIZINE * CDRI 71-151
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg IJEBA6 14,38,76

NM2256300 INDOLIZINE, 1,3-BIS((4-(3-CHLOROPHENYL)-1-PIPERAZINYL)METHYL)-2-PHENYL-
UPDT 8408 CAS: 58892-63-0 MW: 610.68 MOLFM: C36-H37-Cl2-N5
SYN: 1,3-BIS((4-(3-CHLOROPHENYL)-1-PIPERAZINYL)METHYL)-2-PHENYLINDOLIZINE * CDRI 71-152
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:800 mg/kg IJEBA6 14,38,76

NM2256500 INDOLIZINE, 1,3-BIS((4-(4-CHLOROPHENYL)-1-PIPERAZINYL)METHYL)-2-PHENYL-
UPDT 8408 CAS: 58892-64-1 MW: 610.68 MOLFM: C36-H37-Cl2-N5
SYN: 1,3-BIS((4-(4-CHLOROPHENYL)-1-PIPERAZINYL)METHYL)-2-PHENYLINDOLIZINE * CDRI 71-215
TOXICITY DATA AND REFERENCES:
3F17F19Y55 ipr-mus LD50:800 mg/kg IJEBA6 14,38,76

NM2256700 INDOLIZINE, 1,3-BIS((4-(4-FLUOROPHENYL)-1-PIPERAZINYL)METHYL)-2-PHENYL-
UPDT 8408 CAS: 58892-61-8 MW: 577.78 MOLFM: C36-H37-F2-N5
SYN: 1,3-BIS((4-(4-FLUOROPHENYL)-1-PIPERAZINYL)METHYL)-2-PHENYLINDOLIZINE * CDRI 71-150
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg IJEBA6 14,38,76

NM2256900 INDOLIZINE, 1,3-BIS((4-PHENYL-1-PIPERAZINYL)METHYL)-7-METHYL-2-PHENYL-
UPDT 8408 CAS: 58892-67-4 MW: 555.83 MOLFM: C37-H41-N5
SYN: 1,3-BIS((4-PHENYL-1-PIPERAZINYL)METHYL)-7-METHYL-2-PHENYLINDOLIZINE * CDRI 71-186
TOXICITY DATA AND REFERENCES:
2F17F19 ipr-mus LD50:800 mg/kg IJEBA6 14,38,76

NM2257100 INDOLIZINE, 1,3-BIS((4-PHENYL-1-PIPERAZINYL)METHYL)-2-PHENYL-
UPDT 8408 CAS: 58892-68-5 MW: 541.80 MOLFM: C36-H39-N5
SYN: 1,3-BIS((4-PHENYL-1-PIPERAZINYL)METHYL)-2-PHENYLINDOLIZINE * CDRI 70-529
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg IJEBA6 14,38,76

NM2265000 INDOLIZINE, 3-(3-(DIETHYLAMINO)PROPYL)-2-METHYL-
UPDT 8408 CAS: 65548-79-0 MW: 244.42 MOLFM: C16-H24-N2
SYN: 3-(3-(DIETHYLAMINO)PROPYL)-2-METHYLINDOLIZINE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:126 mg/kg JPMSAE 66,1692,77

NM2292000 INDOLIZINE, 1-METHYL-2-PHENYL-3-((4-PHENYL-1-PIPERAZINYL)METHYL)-
UPDT 8408 CAS: 58892-69-6 MW: 381.56 MOLFM: C26-H27-N3
SYN: CDRI 71-154 * 1-METHYL-2-PHENYL-3-((4-PHENYL-1-PIPERAZINYL)METHYL)INDOLIZINE
TOXICITY DATA AND REFERENCES:
3F17F19Y55 ipr-mus LD50:800 mg/kg IJEBA6 14,38,76

NM2293000 INDOLIZINE, 3-METHYL-2-PHENYL-1-((4-PHENYL-1-PIPERAZINYL)METHYL)-
UPDT 8408 CAS: 58912-52-0 MW: 381.56 MOLFM: C26-H27-N3
SYN: CDRI 71-214 * 3-METHYL-2-PHENYL-1-((4-PHENYL-1-PIPERAZINYL)METHYL)INDOLIZINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg IJEBA6 14,38,76

INDOLMYCIN see: RQ5804000

NM2429100 7H-INDOLO(3,4-gh)(1,4)BENZOXAZINE, 4,6,6a,8,9,10a-HEXAHYDRO-5-BROMO-7-METHYL-, OXALATE (+-)-, (6-aRS,10-aRS)-
UPDT 8306 CAS: 84132-04-7 MW: 397.26 MOLFM: C14-H15-Br-N2-O C2-H2-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:35 mg/kg JMCMAR 26,522,83

NM2429130 7H-INDOLO(3,4-gh)(1,4)BENZOXAZINE, 4,6,6a,8,9,10a-HEXAHYDRO-7-METHYL-, MONOHYDROCHLORIDE, (+-)-, (6-aRS,10-aRS)-
UPDT 8306 CAS: 77291-63-5 MW: 264.78 MOLFM: C14-H16-N2-O Cl-H
SYN: (6-aRS,10-aRS)-4,6,6a,8,9,10a-HEXAHYDRO-7-METHYL-7H-INDOLO(3,4-gh)(1,4)BENZOXAZINE HCl
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg JMCMAR 26,522,83

NM2429160 7H-INDOLO(3,4-gh)(1,4)BENZOXAZINE, 4,6,6a,8,9,10a-HEXAHYDRO-, MONOHYDROCHLORIDE, (+-)-, (6-aRS,10-aRS)
UPDT 8306 CAS: 80952-17-6 MW: 250.75 MOLFM: C13-H14-N2-O Cl-H
SYN: (6-aRS,10-aRS)-4,6,6a,8,9,10a-HEXAHYDRO-7H-INDOLO(3,4-gh)(1,4)BENZOXAZINE HYDROCHLORIDE * (+-)-trans-9-OXAERGOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg JMCMAR 26,522,83

NM2429190 7H-INDOLO(3,4-gh)(1,4)BENZOXAZINE, 4,6,6a,8,9,10a-HEXAHYDRO-7-PROPYL-, MONOHYDROCHLORIDE, (+-)-, (6-aRS,10-aRS)-
UPDT 8306 CAS: 80952-18-7 MW: 292.84 MOLFM: C16-H20-N2-O Cl-H
SYN: (6-aRS,10-aRS)-4,6,6a,8,9,10a-HEXAHYDRO-7-PROPYL-7H-INDOLO(3,4-gh)(1,4)BENZOXAZINE HCl * (+-)-trans-6-n-PROPYL-9-OXAERGOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg JMCMAR 26,522,83

NM2429220 7H-INDOLO(3,4-gh)(1,4)BENZOXAZINE, 4,5,5a,6,6a,8,9,10a-OCTAHYDRO-7-PROPYL-, (+-)-, (5a-RS(5a-alpha,6a-beta,10a-alpha))-
UPDT 8306 CAS: 84132-03-6 MW: 258.40 MOLFM: C16-H22-N2-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg JMCMAR 26,522,83

INDOL-3-OL, ACETATE (ester) (8CI) see: AI3325000

1H-INDOL-3-OL, ACETATE (ester) (9CI) see: AI3325000

NM2450000 INDOL-5-OL, 3-(2-AMINOETHYL)-
UPDT 8408 CAS: 50-67-9 MW: 176.24 MOLFM: C10-H12-N2-O
SYN: 3-(beta-AMINOETHYL)-5-HYDROXYINDOLE * 3-(2-AMINOETHYL)INDOL-5-OL * ANTEMOQUA * ANTEMOVIS * DS SUBSTANCE * ENTERAMINE * HIPPOPHAIN * 5-HT * 5-HTA * 5-HYDROXY-3-(beta-AMINOETHYL)INDOLE * 5-HYDROXYTRYPTAMINE * SEROTONIN * SEROTONINE * SUBSTANCE DS * SUBSTANZ DS * THROMBOCYTIN * THROMBOTONIN * TRYPTAMINE, 5-HYDROXY-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T59 ipr-rat TDLo:10 mg/kg (12D preg) FKGCAR 21,226,76
2T31T35 ipr-rat TDLo:10 mg/kg (18D preg) ARPAAQ 81,257,66
1T26 scu-rat TDLo:20 mg/kg (6D preg) ANREAK 196,71A,80
3T41T42T45 scu-rat TDLo:110 mg/kg (1-22D preg) JOPDAB 63,394,63
2T25T72 scu-rat TDLo:110 mg/kg (1-22D preg) JOPDAB 63,394,63
2T25T35 scu-rat TDLo:10 mg/kg (13D preg) ARZNAD 25,626,75
2T02T03 scu-rat TDLo:100 mg/kg (5D male) ENDOAO 71,827,62
1T25 ipr-mus TDLo:240 mg/kg (1-6D preg) JOENAK 26,85,63
1T27 ipr-mus TDLo:320 mg/kg (14D preg) JOENAK 26,85,63
3T25T26T34 scu-mus TDLo:10 mg/kg (7-12D preg) JPMSAE 58,406,69
1T53 scu-mus TDLo:10 mg/kg (11D preg) JPMSAE 58,406,69
2T45T41 scu-mus TDLo:1 mg/kg (8D preg) JPMSAE 58,406,69
1T35 scu-mus TDLo:240 mg/kg (11-16D preg) SCIEAS 131,1101,60
1T25 ivn-mus TDLo:10 mg/kg (7-12D preg) JPMSAE 58,406,69
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:117 mg/kg JPETAB 105,80,52
scu-rat LD50:117 mg/kg JPETAB 105,80,52
ivn-rat LD50:30 mg/kg JPETAB 105,80,52
2F13Y61 ipr-mus LD50:550 mg/kg AIPTAK 177,360,69
scu-mus LD50:601 mg/kg FEPRA7 23,1125,64
ivn-mus LD50:160 mg/kg JPETAB 105,80,52
ims-mus LD50:750 mg/kg AIPTAK 112,319,57
* unk-mus LD50:250 mg/kg 85GDA2 8(1),122,82
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARVPAX 5,447,65; PRSMA4 62,317,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NM2550000 INDOL-5-OL, 3-(2-AMINOETHYL)-, compd. with CREATININE SULFATE
UPDT 8408 CAS: 971-74-4 MW: 405.18 MOLFM: C10-H12-N2-O C4-H7-N3-O H2-O4-S H2-O
SYN: 3-(2-AMINOETHYL)INDOL-5-OL, CREATININE SULFATE * CREATININE, SULFATE, compd. with 3-(2-AMINOETHYL)INDOLE-5-OL (1:1:1), MONOHYDRATE * CREATININE, SULFATE, compd. with 3-(2-AMINOETHYL)INDOL-5-OL (1:1:1) * 5-HT CREATININE SULFATE * 5-HYDROXYTRYPTAMINE CREATININE SULFATE * 5-HYDROXYTRYPTAMINE CREATININE SULFATE MONOHYDRATE * SEROTONIN CREATININE SULFATE MONOHYDRATE * SEROTIN CREATININE SULFATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T24T29 scu-rat TDLo:20 mg/kg (5D preg) BIREBV 29,151,83
3T25T41T42 scu-rat TDLo:10 mg/kg (10D preg) BJPCAL 31,494,67
1T34 scu-rat TDLo:5 mg/kg (11D preg) BJPCAL 31,494,67
1T46 scu-rat TDLo:2 mg/kg (11D preg) BJPCAL 31,494,67
1T31 scu-rat TDLo:20 mg/kg (21D preg) JPBAA7 94,113,67
1T71 ivn-rat TDLo:10 mg/kg (20D preg) AJPHAP 169,537,52
1T22 par-rat TDLo:20 mg/kg (6D preg) JOENAK 43,XXXIV,69
2T02T09 imp-rat TDLo:10 mg/kg (4W male) PSEBAA 170,464,82

2T12T29 ivg-rat TDLo:50 mg/kg (6D preg) JRPFA4 44,53,75
1T35 scu-mus TDLo:5 mg/kg (16D preg) PRGLBA 2,295,72
3T41T42T43 scu-mus TDLo:20 mg/kg (9D preg) SCIEAS 141,717,63
2T45T46 scu-mus TDLo:20 mg/kg (9D preg) SCIEAS 141,717,63
2T32T35 scu-mus TDLo:10 mg/kg (15D preg) AJOGAH 99,250,67
1T22 par-mus TDLo:40 mg/kg (5D preg) JOENAK 43,XXXIV,69

TOXICITY DATA AND REFERENCES:
ivn-rat LD50:153 mg/kg RPTOAN 33,282,70
ipr-mus LD50:747 mg/kg TXAPA9 28,227,74
* ivn-gpg LDLo:20 mg/kg AJPHAP 169,537,52

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NM2578000 5-INDOLOL, 3-(2-AMINOETHYL)-, mixed with SODIUM NITRITE
UPDT 8403 MW 245.24 MOLFM C10-H12-N2-O N-Na-O2
SYN: 3-(2-AMINOETHYL)-5-INDOLOL mixed with SODIUM NITRITE * 5-HYDROXYTRYPTAMINE mixed with SODIUM NITRITE * SODIUM NITRITE mixed with 3-(2-AMINOETHYL)-5-INDOLOL * SODIUM NITRITE mixed with 5-HYDROXYTRYPTAMINE

MUTATION DATA AND REFERENCES:
mmo-sat 50 mmol/L MUREAV 124,35,83

NM3150000 INDOL-4-OL, 3-(2-(DIMETHYLAMINO)ETHYL)-, DIHYDROGEN PHOSPHATE
UPDT 8403 CAS: 520-52-5 MW 284.28 MOLFM C12-H17-N2-O4-P
SYN: CY-39 * 3-(2-(DIMETHYLAMINO)ETHYL)-1H-INDOL-4-OL DIHYDROGEN PHOSPHATE ESTER * 3-(2-DIMETHYLAMINOETHYL)INDOL-4-PHOSPHATE * 3-(2-DIMETHYLAMINOETHYL)INDOL-4-YL DIHYDROGEN PHOSPHATE * INDOCYBIN * O-PHOSPHORYL-4-HYDROXY-N,N-DIMETHYLTRYPTAMINE * PSILOCIBIN * PSILOCIN PHOSPHATE ESTER * PSILOCYBIN * PSILOTSIBIN * PSILOCYBINE * TEONANACATL

MUTATION DATA AND REFERENCES:
cyt-hmn-unk 229 ug/kg HUMAA7 9,281,70

TOXICITY DATA AND REFERENCES:
2F06F08 ims-hmn TDLo:75 ug/kg PSYPAG 3,219,62
3D14F18K13 orl-hmn TDLo:60 ug/kg JNMDAN 131,428,60
3D14F18K13 ipr-hmn TDLo:37 ug/kg JNMDAN 131,428,60
2F08F10 ims-hmn TDLo:130 ug/kg PSDTAP 8,59,67
ivn-rat LD50:280 mg/kg 27ZQAG -,138,72
* ipr-mus LD50:420 mg/kg MEIEDD 10,1143,83
* ivn-mus LD50:275 mg/kg MEIEDD 10,1143,83
ivn-rbt LD50:13 mg/kg 27ZQAG -,138,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JATHBU 58(12),623,75

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NM3201000 1H-INDOL-4-OL, 1-ISOPROPYL-2-(p-METHOXYPHENYL)-
UPDT 8405 MW 281.38 MOLFM C18-H19-N-O2
SYN: 1-ISOPROPYL-2-p-METHOXYPHENYL-4-HYDROXYINDOLE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

NM3201700 1H-INDOL-4-OL, 2-(p-METHOXYPHENYL)-1-PHENYL-
UPDT 8405 MW 315.39 MOLFM C21-H17-N-O2
SYN: 2-(p-METHOXYPHENYL)-1-PHENYL-1H-INDOL-4-OL * 1-PHENYL-2-p-METHOXYPHENYL-4-HYDROXYINDOLE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

NM3227000 1H-INDOL-4-OL, 1,2,3-TRIMETHYL-
UPDT 8405 MW 175.25 MOLFM C11-H13-N-O
SYN: 1,2,3-TRIMETHYL-4-HYDROXYINDOLE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

2H-INDOL-2-ONE, 3-(2-(DIETHYLAMINO)ETHOXY)-1,3-DIHYDRO-3-METHYL-1-(PHENYLMETHYL)-, HCl see: NM2081300 2-INDOLINONE, 1-BENZYL-3-(2-(DIETHYLAMINO)ETHOXY)-3-METHYL-, HYDROCHLORIDE

NM3250000 2H-INDOL-2-ONE, 1,3-DIHYDRO-1-ACETYL-3,3-BIS(4-ACETYLOXY)PHENYL)-
UPDT 8405 CAS: 18869-73-3 MW 443.48 MOLFM C26-H21-N-O6
SYN: 1-ACETYL-3,3-BIS(4-(ACETYLOXY)PHENYL)-1,3-DIHYDRO-2H-INDOL-2-ONE * 1-ACETYL-3,3-BIS(p-HYDROXYPHENYL)OXINDOLE DIACETATE * 17,17-DIMETHYL-18-NORANDROST-4,13-DIEN-3-ONE * ISATEX * LAXAGEN * LAXAGETTEN * PHENISATIN * TDI * TRIACETYLDIPHENOLISATIN * TRISATIN * UNILAX

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:500 mg/kg JAPMA8 42,468,53
* ipr-rat LD50:350 mg/kg JAPMA8 42,468,53

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2H-INDOL-2-ONE, 1,3-DIHYDRO-3-(AMINOMETHYL)-1-((4-CHLOROPHENYL)METHYL)-3-HYDROXY-, HCl see: NM2081200 2-INDOLINONE, 3-(AMINOMETHYL)-1-(p-CHLOROBENZYL)-3-HYDROXY-, MONOHYDROCHLORIDE

NM3255000 INDOL-4(5H)-ONE, 6,7-DIHYDRO-3-AMINO-2-PHENYL-, MONOHYDROCHLORIDE
UPDT 8412 MW 262.76 MOLFM C14-H14-N2-O Cl-H

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg FRPSAX 39,538,84

2H-INDOL-2-ONE, 1,3-DIHYDRO-3-(3-(DIETHYLAMINO)PROPOXY)-3-METHYL-1-(PHENYLMETHYL)-, OXALATE see: NM2081400 2-INDOLINONE, 1-BENZYL-3-(3-(DIETHYLAMINO)PROPOXY)-3-METHYL-, OXALATE
2H-INDOL-2-ONE, 1,3-DIHYDRO-3-(2-(DIMETHYLAMINO)ETHYL)-3-METHYL-1-(PHENYLMETHYL)-, HCl see: NM2081700 2-INDOLINONE, 1-BENZYL-3-(2-(DIMETHYLAMINO)ETHYL)-3-METHYL-, MONOHYDROCHLORIDE
2H-INDOL-2-ONE, 1,3-DIHYDRO-3-((DIMETHYLAMINO)METHYL)-3-METHYL-1-(PHENYLMETHYL)-, HCl see: NM2081800 2-INDOLINONE, 1-BENZYL-3-((DIMETHYLAMINO)METHYL)-3-METHYL-, HYDROCHLORIDE
2H-INDOL-2-ONE, 1,3-DIHYDRO-3-METHYL-1-(PHENYLMETHYL)-3-(2-(1-PIPERIDINYL)ETHOXY)-, OXALATE see: NM2083900 2-INDOLINONE, 1-BENZYL-3-METHYL-3-(2-(PIPERIDINO)ETHOXY)-, OXALATE
2H-INDOL-2-ONE, 1,3-DIHYDRO-3-METHYL-1-(PHENYLMETHYL)-3-(2-(1-PIPERIDINYL)ETHYL)-, HCl see: NM2084100 2-INDOLINONE, 1-BENZYL-3-METHYL-3-(2-(PIPERIDINO)ETHYL)-, MONOHYDROCHLORIDE
2H-INDOL-2-ONE, 1,3-DIHYDRO-3-METHYL-1-(PHENYLMETHYL)-3-(1-PIPERIDINYLMETHYL)-, HCl see: NM2084120 2-INDOLINONE, 1-BENZYL-3-METHYL-3-PIPERIDINOMETHYL-, MONOHYDROCHLORIDE
3H-INDOL-3-ONE, 2(1,3-DIHYDRO-3-OXO-2H-INDOL-2-YLIDENE)-1,2-DIHYDRO- (9CI) see: DU2988400

NM3352000 4H-INDOL-4-ONE, 1,5,6,7-TETRAHYDRO-1-ISOPROPYL-2-(p-METHOXYPHENYL)-
UPDT 8405 CAS: 76410-26-9 MW 283.40 MOLFM C18-H21-N-O2
SYN: 1-ISOPROPYL-2-p-METHOXYPHENYL-4-OXO-4,5,6,7-TETRAHYDROINDOLE * 1,5,6,7-TETRAHYDRO-1-ISOPROPYL-2-(p-METHOXYPHENYL)-4H-INDOL-4-ONE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

NM3354000 4H-INDOL-4-ONE, 1,5,6,7-TETRAHYDRO-2-(p-METHOXYPHENYL)-1-PHENYL-
UPDT 8405 CAS: 76410-25-8 MW 317.41 MOLFM C21-H19-N-O2
SYN: 1-PHENYL-2-p-METHOXYPHENYL-4-OXO-4,5,6,7-TETRAHYDROINDOLE * 1,5,6,7-TETRAHYDRO-2-(p-METHOXYPHENYL)-1-PHENYL-4H-INDOL-4-ONE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

NM3356000 4H-INDOL-4-ONE, 1,5,6,7-TETRAHYDRO-1,2,3-TRIMETHYL-
UPDT 8405 CAS: 7273-21-4 MW 177.27 MOLFM C11-H15-N-O
SYN: 1,2,3-TRIMETHYL-4-OXO-4,5,6,7-TETRAHYDROINDOLE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

NM3470000 6H-INDOLO(2,3-c)QUINOLIN-6-ONE, 5,7-DIHYDRO-10-CHLORO-5-(2-(DIMETHYLAMINO)ETHYL)-, MONOHYDROCHLORIDE
UPDT 8308 CAS: 63190-28-3 MW 376.31 MOLFM C19-H18-Cl-N3-O Cl-H
SYN: 10-CHLORO-5-(2-DIMETHYLAMINOETHYL)-6H-INDOLO(2,3-c)QUINOLIN-6(5H)-ONE HYDROCHLORIDE * CIQ * 5,7-DIHYDRO-10-CHLORO-5-(2-(DIMETHYLAMINO)ETHYL)-6H-INDOLO(2,3-c)QUINOLIN-6-ONE HCl

TOXICITY DATA AND REFERENCES:
1V30 orl-mus LD50:960 mg/kg CHTHBK 24,77,78
1V30 ipr-mus LD50:690 mg/kg CHTHBK 24,77,78

NM3475000 INDOLO(2,3-a)QUINOLIZINE, 1,2,3,4,6,7,12,12b-OCTAHYDRO-12,12b-DIMETHYL-3-ETHYL-
UPDT 8311 MW 282.47 MOLFM C19-H26-N2
SYN: 1,2,3,4,6,7,12,12b-OCTAHYDRO-12,12b-DIMETHYL-3-ETHYL-INDOLO(2,3-a)QUINOLIZINE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:92 mg/kg PCJOAU 16,361,82

NM3475500 INDOLO(2,3-a)QUINOLIZINE, 1,2,3,4,6,7,12,12b-OCTAHYDRO-3,12,12b-TRIMETHYL-
UPDT 8311 MW 268.44 MOLFM C18-H24-N2
SYN: 1,2,3,4,6,7,12,12b-OCTAHYDRO-3,12,12b-TRIMETHYL-INDOLO(2,3-a)QUINOLIZINE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:76 mg/kg PCJOAU 16,361,82

INDOLYL-3-ACETIC ACID see: NL3150000
alpha-INDOL-3-YL-ACETIC ACID see: NL3150000
beta-INDOLYLACETIC ACID see: NL3150000
3-INDOLYLACETIC ACID see: NL3150000
INDOLYLACETONITRILE see: AM0700000
3-INDOLYLACETONITRILE see: AM0700000
3-INDOLYLACRYLIC ACID see: NL3680000
4-(2-(3-INDOLYL)-AETHYL)-PIPERIDIN HYDROCHLORID (German) see: NM1304000
1-beta-3-INDOLYLALANINE see: YN6130000
INDOLYL-3-BUTYRIC ACID see: NL5250000
gamma-(3-INDOLYL)BUTYRIC ACID see: NL5250000
gamma-(INDOL-3-YL)BUTYRIC ACID see: NL5250000
3-INDOLYL-gamma-BUTYRIC ACID see: NL5250000
4-(3-INDOLYL)BUTYRIC ACID see: NL5250000
4-(INDOL-3-YL)BUTYRIC ACID see: NL5250000
2-(1-(1-INDOLYL)ETHOXY)ETHANOL see: KL3695000
2-(3-INDOLYL)ETHYLAMINE see: NL4020000
(1R,5S)-(-)-5-(1-INDOL-3-YLETHYL)-2-(METHYLAMINO)-2-OXAZOLIN-4-ONE see: RQ5804000
1-(INDOLYL-3)-2-METHYLAMINOETHANOL-1 racemate see: KL3770000
1-((5-((2-INDOLYLMETHYL)AMINO)-2-THIADIAZOLYL)THIO)-3-(2-THIAZOLYLAMINO)-2-PROPANOL see: UB6653000
1-((5-((2-INDOLYLMETHYL)AMINO)-2-THIADIAZOLYL)THIO)-3-(o-TOLUIDINO)-2-PROPANOL see: UB6653200
4-(3-INDOLYL-METHYL)-PIPERIDIN (German) see: NM1308000
4-(3-INDOLYLMETHYL)PIPERIDINE see: NM1308000
beta-(3'-INDOLYL)METHYLPYRIDINE see: NM1700000 1H-INDOLE, 3-(3-PYRIDINYLMETHYL)-
1-(4-INDOLYLOXY)-3-ISOPROPYLAMINO)-2-PROPANOL see: UB6660000
1-(1H-INDOL-4-YLOXY)-3-((1-METHYLETHYL)AMINO)-2-PROPANOL see: UB6660000
1-(1H-INDOL-4-YLOXY)-3-((1-METHYLETHYL)AMINO)-2-PROPANOL HYDROCHLORIDE see: UB6670000
3-(3-INDOLYL)-5-PHENYL-1-PYRIDYLFORMAZAN see: LQ4695000
INDOL-3-YL PIPERIDINOMETHYL KETONE HYDROCHLORIDE see: OB4541000
INDOL 3-YL 4-PIPERIDYLMETHYL KETONE HYDROCHLORIDE see: OB4541000
3-INDOLYL-(4-PIPERIDYL-METHYL)-KETON HYDROCHLORID (German) see: OB4541000
(3-INDOLYL)-beta-PYRIDYLMETHANOL see: NL9495500 3-INDOLEMETHANOL, alpha-(3-PYRIDYL)-
INDOMECOL see: NL3500000
INDOMED see: NL3500000
INDOMEE see: NL3500000
INDOMETACIN see: NL3500000
INDOMETACINE see: NL3500000
INDOMETHACIN see: NL3500000
INDOMETHACINE see: NL3500000
INDOMETHACINE combined with SODIUM SALICYLATE (1:10) see: NL3522200
INDOMETHAZINE see: NL3500000
INDOMETICINA (Spanish) see: NL3500000
INDON see: NK6125000
INDONAPHTHENE see: NK8225000
INDOPAN see: NL4709000
INDOPROFEN see: MU6645000
INDOPTIC see: NL3500000
INDO-RECTOLMIN see: NL3500000
INDORM see: UC1935000
INDO-TABLINEN see: NL3500000
INDOXAMIC ACID see: NL3668500
INDOXYLACETATE see: AI3325000
INDOXYL-O-ACETATE see: AI3325000
INDULIN see: OI6000000
INDULINE R see: BY8225000
INDURKAMI-PANA EXTRACT (Indian) see: VP1970000
INDURKANI-PANA EXTRACT (Indian) see: CO1030000
INDUSTRENE 105 see: RG2275000
INDUSTRENE 205 see: RG2275000
INDUSTRENE 206 see: RG2275000
INDUSTRENE 4516 see: RT4550000
INDUSTRENE 5016 see: WI2800000
INDUSTRENE 8718 see: WI2800000
INDUSTRENE 9016 see: WI2800000
INERTEEN see: TQ1350000
INESTRA see: RC8925000
INETOL see: QJ9100000
INETOL see: QJ9275000
INEXIT see: GV4900000
INF see: NS2000000
INF 1837 see: CB4375000
INF 3355 see: CB4550000
INF 4668 see: CB2900000
INFAMIL see: UQ8400000
INFAMMIL see: UQ8400000
INFERNO see: TF0525000

INFILTRASE see: MT7260000
INFILTRINA see: PV6210000
INFLAMASE see: TU4153300
INFLATINE see: OJ8480000
INFLAZON see: NL3500000
INFROCIN see: NL3500000
INFRON see: KE1050000
INGALAN see: KN7820000
INGALAN (Russian) see: KN7820000
INGENANE HEXADECANOATE see: PB9189000
IN[illegible] see: NS1750000
INHALAN see: KN7820000

NM7109000 INHIBIN
UPDT 8408 CAS: 57285-09-3
SYN: GONADOSTATIN * OVARIAN INHIBIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01	scu-rat TDLo:12800 ug/kg (32D male)	ARANDR 10,233,83
1T24	ipr-mus TDLo:12 mg/kg (4-6D preg)	CCPTAY 24,695,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

INHIBINE see: MX0900000
INHIBISOL see: KJ2975000
INHIBITOR NPH see: NC4550000
INHIBITOR NPH-FE see: NC4550000
INHIBITOR OP-10 see: RL1070030
INHISTON see: UT0175000
INICARDIO see: QS4375000
INIPROL see: YN5080000
INITIATING EXPLOSIVE DIAZODINITROPHENOL (DOT) see: DM2600000
INITIATING EXPLOSIVE FULMINATE OF MERCURY (DOT) see: OW4055000
INITIATING EXPLOSIVE-GUANYL NITROSAMINE GUANYL TETRAZENE (DOT) see: XF6900000
INITIATING EXPLOSIVE LEAD AZIDE (DOT) see: OF8650000
INITIATING EXPLOSIVE LEAD MONONITRORESORCINATE (DOT) see: OG2120000
INITIATING EXPLOSIVE LEAD STYPHNATE (DOT) see: OG6425000
INITIATING EXPLOSIVE LEAD TRINITRORESORCINATE (DOT) see: OG6425000
INITIATING EXPLOSIVE NITRO MANNITE (DOT) see: OP3000000
INITIATING EXPLOSIVE NITROSOGUANIDINE (DOT) see: MF4725000
INITIATING EXPLOSIVE PENTAERYTHRITE TETRANITRATE (DOT) see: RZ2620000
INITIATING EXPLOSIVE-TETRAZENE (DOT) see: XF6900000
INIZIC see: NS1750000
INK BLUE 6B see: QJ6430000
INK ORANGE JSN see: QJ6500000
INK RED JSN see: QJ6030000
INMETAL see: CQ5250000
INNOVAN see: DE2100000
INNOVAR see: DE2100000
INNOVAR-VET see: DE2100000
INNOXALON see: QN2885000
INO see: NM7460000

NM7317000 INO 3178
UPDT 8305 CAS: 74188-25-3

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:2000 mg/kg	PCFTDS 4,235,79

INOCOR see: DW2500000
INOLIN see: NX0500000
INOPHYLLINE see: XH5600000
INOPSIN see: DE2100000
INOSINE DIALDEHYDE see: UO7451000

NM7454000 5′-INOSINIC ACID, POLYMERS, complex with 5′-CYTIDYLIC ACID, and L-LYSINE complex with 5′- CYTIDYLIC ACID POLYMERS
UPDT 8307
SYN: POLY (ICLC) * POLY ICLC * POLYRIBOINOSINIC-POLIRIBOCYTIDYLIC ACID-POLY-L-LYSINE COMPLEX

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:12600 ug/kg	PSEBAA 169,183,82

INOSIE see: NM7460000

NM7460000 INOSINE
UPDT 8406 CAS: 58-63-9 MW: 268.26 MOLFM: C10-H12-N4-O5
SYN: ATOREL * HXR * HYPOXANTHINE NUCLEOSIDE * HYPOXANTHINE RIBONUCLEOSIDE * HYPOXANTHINE RIBOSIDE * HYPOXANTHINE D-RIBOSIDE * HYPOXANTHOSINE * INO * INOSIE * beta-INOSINE * OXIAMIN * PANTHOLIC-L * RIBONOSINE * SELFER * TROPHICARDYL

MUTATION DATA AND REFERENCES:

	dnd-mam:lym 60 mmol/L	PNASA6 48,686,62

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T12	orl-rat TDLo:558 gm/kg (93D pre)	OYYAA2 15,199,78

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:2900 mg/kg	NIIRDN 6,77,82
*	ipr-mus LD50:3850 mg/kg	NIIRDN 6,77,82
*	scu-mus LD50:5000 mg/kg	NIIRDN 6,77,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

beta-INOSINE see: NM7460000
INOSINE, 2-AMINO- see: MF8750000

NM7461240 INOSINE, compd. with 1-(DIMETHYLAMINO)-2-PROPANOL 4-(ACETYLAMINO)BENZOATE (salt) (1:3)
UPDT 8308 CAS: 36703-88-5 MW: 1115.40 MOLFM: C10-H12-N4-O5 .3C9-H9-N-O3 .3C5-H13-N-O
SYN: INOSIPLEX * ISOPRINOSIN * ISOPRINOSINE * METHISOPRINOL * NTP 10381

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:5 gm/kg	JOIMD6 1,337,79

INOSINE 5′-MONOPHOSPHATE DISODIUM see: NM7519500

NM7519500 5′-INOSINIC ACID, DISODIUM SALT
UPDT 8402 CAS: 4691-65-0 MW: 394.22 MOLFM: C10-H13-N4-O8-P .2Na
SYN: DISODIUM IMP * DISODIUM INOSINATE * DISODIUM 5′-INOSINATE * DISODIUM INOSINE 5′-MONOPHOSPHATE * DISODIUM INOSINE 5′-PHOSPHATE * IMP DISODIUM SALT * 5′-IMP DISODIUM SALT * IMP SODIUM SALT * INOSINE 5′-MONOPHOSPHATE DISODIUM * INOSIN-5′-MONOPHOSPHATE DISODIUM * SODIUM INOSINATE * SODIUM 5′-INOSINATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T46	ipr-mus TDLO:250 mg/kg (10D preg)	JJPAAZ 22,201,72
1T35	ipr-mus TDLo:500 mg/kg (13D preg)	JJPAAZ 22,201,72

TOXICITY DATA AND REFERENCES:

3F12J22K12	ipr-rat LD50:4850 mg/kg	TXCYAC 2,185,74
3F07F12J22	scu-rat LD50:3900 mg/kg	TXCYAC 2,185,74
3F07F12J22	ivn-rat LD50:2730 mg/kg	TXCYAC 2,185,74
3F12J22K12	ipr-mus LD50:6020 mg/kg	TXCYAC 2,185,74
3F07F12J22	scu-mus LD50:5480 mg/kg	TXCYAC 2,185,74
3F07F12J22	ivn-mus LD50:3950 mg/kg	TXCYAC 2,185,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

5′-INOSINIC ACID, DISODIUM SALT, mixed with DISODIUM 5′-GUANYLATE (1:1) see: MF8200000
5′-INOSINIC ACID, HOMOPOLYMER, complex with 5′-CYTIDYLIC ACID HOMOPOLYMER (1:1) see: TR0175000
INOSIN-5′-MONOPHOSPHATE DISODIUM see: NM7519500
INOSIPLEX see: NM7461240
myo-INOSISTOL HEXAKISPHOSPHATE see: NM7525000
INOSITESAFOSFATO SODICO HYDRATE (French) see: NM7535250
INOSITHEXAPHOSPHORSAURE (German) see: NM7525000

NM7521470 D-chiro-INOSITOL, 3-O-(4-(ACETIMIDOYLAMINO)-2-AMINO-2,3,4,6-TETRADEOXY-alpha-D-arabino- HEXOPYRANOSYL)-, HYDROCHLORIDE
UPDT 8312 MW: 385.90 MOLFM: C14-H27-N3-O7 .Cl-H
SYN: BL-A 2

TOXICITY DATA AND REFERENCES:

3F15P30U03	ipr-mus LD50:5900 mg/kg	AACHAX -,225,69
*	ivn-mus LD50:1650 mg/kg	AACHAX -,225,69

NM7521490 L-chiro-INOSITOL, 4-AMINO-1-((AMINOACETYL)METHYLAMINO)-1,4-DIDEOXY-3-O-(2,6-DIAMINO- 2,3,4,6,7-PENTADEOXY-beta-L-lyxo-HEPTOPYRANOSYL)-6-O-METHYL-
UPDT 8303 CAS: 55779-06-1 MW: 405.57 MOLFM: C17-H35-N5-O6
SYN: ANTIBIOTIC KW 1070 * FORTIMICIN A * KW-1070 * XK-70-1

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T29T34T35	ims-rat TDLo:5170 mg/kg (22D pre)	NKRZAZ 29(Suppl 2),167,81
1T46	ims-rat TDLo:275 mg/kg (7-17D preg)	NKRZAZ 29(Suppl 2),167,81
1T81	ims-rat TDLo:1210 mg/kg (7-17D preg)	NKRZAZ 29(Suppl 2),167,81
1T21	ims-rat TDLo:21 gm/kg (8W male/3W pre-7D preg)	NKRZAZ 29(Suppl 2),167,81

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:913 mg/kg	NKRZAZ 29(Suppl 2),137,81
*	scu-rat LD50:1364 mg/kg	NKRZAZ 29(Suppl 2),137,81
*	ivn-rat LD50:209 mg/kg	NKRZAZ 29(Suppl 2),137,81
*	orl-mus LD50:13600 mg/kg	NKRZAZ 29(Suppl 2),137,81
*	ipr-mus LD50:533 mg/kg	NKRZAZ 29(Suppl 2),137,81
*	scu-mus LD50:400 mg/kg	JANTAJ 30,77-7,77
*	ivn-mus LD50:119 mg/kg	NKRZAZ 29(Suppl 2),137,81
*	ims-mus LD50:427 mg/kg	NKRZAZ 29(Suppl 2),137,81
*	ivn-dog LD50:214 mg/kg	NKRZAZ 29(Suppl 2),137,81
*	ims-dog LD50:750 mg/kg	NKRZAZ 29(Suppl 2),137,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NM7521500 L-chiro-INOSITOL, 4-AMINO-1-((AMINOACETYL)METHYLAMINO)-1,4-DIDEOXY-3-O-(2,6-DIAMINO-2,3,4,6, 7-PENTADEOXY-beta-L-lyxo-HEPTOPYRANOSYL)-6-O-METHYL-, DISULFATE
UPDT 8408 MW: 601.73 MOLFM: C17-H35-N5-O6 .2H2-O4-S
SYN: ABBOTT 44747 * FORTIMICIN A SULFATE

TOXICITY DATA AND REFERENCES:

	ivn-rat LD50:86 mg/kg	TXAPA9 53,399,80
	ims-rat LD50:1009 mg/kg	TXAPA9 53,399,80
*	orl-mus LD50:13600 mg/kg	JJANAX 35,1402,82
	ivn-mus LD50:94 mg/kg	TXAPA9 53,399,80
	ims-mus LD50:436 mg/kg	TXAPA9 53,399,80
	ims-gpg LD50:611 mg/kg	TXAPA9 53,399,80

NM7521800 D-chiro-INOSITOL, 3-O-(2-AMINO-4-((CARBOXYIMINOMETHYL)AMINO)-2,3,4,6-TETRADEOXY-alpha-D- arabino-HEXOPYRANOSYL)-, MONOHYDROCHLORIDE
UPDT 8407 CAS: 19408-46-9 MW: 415.88 MOLFM: C14-H25-N3-O9 .Cl-H
SYN: KASUMIN * KASUGAMYCIN HYDROCHLORIDE * KASUGAMYCIN, MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F15F17J22	orl-mus LD50:20500 mg/kg	JJANAX 21,206,68
*	ipr-mus LD50:7600 mg/kg	AACHAX -,225,69
3H08J22J30	scu-mus LD50:12 gm/kg	JJANAX 21,206,68
3F12J25P01	ivn-mus LD50:3850 mg/kg	AACHAX -,225,69

NM7521840 D-chiro-INOSITOL, 3-O-(2-AMINO-4-((CARBOXYIMINOMETHYL)AMINO)-2,3,4,6-TETRADEOXY-alpha-D- arabino-HEXOPYRANOSYL)-, PHOSPHATE
UPDT 8312 MW: 1065.42 MOLFM: C14-H25-N3-O9 .xH3-O4-P
SYN: KASUGAMYCIN PHOSPHATE

TOXICITY DATA AND REFERENCES:

3F15F17J22	orl-mus LD50:21 gm/kg	JJANAX 21,206,68
*	ipr-mus LD50:12500 mg/kg	JJANAX 21,206,68
3H08J22J30	scu-mus LD50:13500 mg/kg	JJANAX 21,206,68
3F12J25P01	ivn-mus LD50:5400 mg/kg	JJANAX 21,206,68

NM7521880 D-chiro-INOSITOL, 3-O-(2-AMINO-4-((CARBOXYIMINOMETHYL)AMINO)-2,3,4,6-TETRADEOXY-alpha-D- arabino-HEXOPYRANOSYL)-, SULFATE (1:1) (salt)
UPDT 8407 CAS: 78822-08-9 MW: 477.50 MOLFM: C14-H25-N3-O9 .H2-O4-S
SYN: KASUGAMYCIN SULFATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:22 gm/kg	JJANAX 21,206,68
*	ipr-rat LD50:12 gm/kg	JJANAX 21,206,68
*	scu-rat LD50:15500 mg/kg	JJANAX 21,206,68
*	ivn-rat LD50:4900 mg/kg	JJANAX 21,206,68
3F15F17J22	orl-mus LD50:20700 mg/kg	JJANAX 21,206,68
*	ipr-mus LD50:10 gm/kg	JJANAX 21,206,68
3H08J22J30	scu-mus LD50:12 gm/kg	JJANAX 21,206,68
*	ivn-mus LD50:5500 mg/kg	JJANAX 21,206,68
*	scu-dog LD50:10500 mg/kg	JJANAX 21,206,68
*	ivn-dog LD50:4500 mg/kg	JJANAX 21,206,68
*	scu-rbt LD50:9200 mg/kg	JJANAX 21,206,68
*	ivn-rbt LD50:4500 mg/kg	JJANAX 21,206,68

NM7525000 INOSITOL, HEXAKIS(DIHYDROGEN PHOSPHATE), myo-
UPDT 8402 CAS: 83-86-3 MW: 660.06 MOLFM: C6-H18-O24-P6
SYN: ALKOVERT * FYTIC ACID * HEXAKIS(DIHYDROGEN PHOSPHATE) myo-INOSITOL (9CI) * INOSITHEXAPHOSPHORSAURE (German) * myo-INOSISTOL HEXAKISPHOSPHATE * INOSITOL HEXAPHOSPHATE * myo-INOSITOL HEXAPHOSPHATE * PHYTIC ACID * SAURE DES PHYTINS (German)

TOXICITY DATA AND REFERENCES:

1F12	ivn-mus LD50:500 mg/kg	TXCYAC 22,279,82
	ivn-rbt LDLo:45 mg/kg	HBAMAK 4,1289,35

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NM7535250 INOSITOL HEXAKIS(DISODIUM PHOSPHATE), HYDRATE (1:35)
UPDT 8405 MOLFM: C6-H6-Na12-O24-P6 .35H2-O
SYN: INOSITESAFOSFATO SODICO HYDRATE (French) * SODIUM INOSITOLHEXAPHOSPHATE HYDRATE

TOXICITY DATA AND REFERENCES:

*	ivn-rbt LDLo:96 mg/kg	FRPSAX 5,13,50

INOSITOL HEXANICOTINATE see: NM7535400
m-INOSITOL HEXANICOTINATE see: NM7535400
meso-INOSITOL HEXANICOTINATE see: NM7535400
myo-INOSITOL HEXANICOTINATE see: NM7535400

NM7535400 INOSITOL, HEXANICOTINATE, myo-
UPDT 8406 CAS: 6556-11-2 MW: 810.78 MOLFM: C42-H30-N6-O12

SYN: DILCIT * DILEXPAL * ESANTENE * HEXANICIT * HEXANICOTINOYL INOSITOL * HEXANICOTOL * HEXOPAL * INOSITOL HEXANICOTINATE * m-INOSITOL HEXANICOTINATE * meso-INOSITOL HEXANICOTINATE * myo-INOSITOL HEXANICOTINATE * myo-INOSITOL, HEXA-3-PYRIDINECARBOXYLATE (9CI) * INOSITOL NIACINATE * INOSITOL NICOTINATE * LINODIL * MESONEX * MESOTAL * PALOHEX

TOXICITY DATA AND REFERENCES:
* scu-rat LD50:1180 mg/kg NIIRDN 6,77,82
* ivn-rat LD50:268 mg/kg NIIRDN 6,77,82
2F17J30 ipr-mus LD50:6400 mg/kg OYYAA2 7,149,73
* ivn-mus LD50:345 mg/kg NIIRDN 6,77,82

NM7535700 INOSITOL, HEXANITRATE, dry
UPDT 8308 MW: 450.18 MOLFM: C6-H6-N6-O18
SYN: INOSITOL HEXANITRATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

NM7536100 meso-INOSITOL, HEXANITRATE
UPDT 8406 MW: 450.18 MOLFM: C6-H6-N6-O18
TOXICITY DATA AND REFERENCES:
1J24 ipr-mus LD50:957 mg/kg JAPMA8 47,368,58

NM7536200 scyllo-INOSITOL, HEXANITRATE
UPDT 8406 MW: 450.18 MOLFM: C6-H6-N6-O18
SYN: SCYLLITOL NITRATE
TOXICITY DATA AND REFERENCES:
1J24 ipr-mus LD50:1267 mg/kg JAPMA8 47,368,58

INOSITOL HEXANITRATE (DOT) see: NM7535700
INOSITOL HEXAPHOSPHATE see: NM7525000
myo-INOSITOL HEXAPHOSPHATE see: NM7525000
myo-INOSITOL, HEXA-3-PYRIDINECARBOXYLATE (9CI) see: NM7535400

NM7538700 L-chiro-INOSITOL, 2-O-METHYL-, PENTANITRATE
UPDT 8308 MW: 419.21 MOLFM: C7-H9-N5-O16
SYN: QUEBRACHITOL PENTANITRATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

INOSITOL NIACINATE see: NM7535400
INOSITOL NICOTINATE see: NM7535400
INOTREX see: CZ9001000
INOVAL see: DE2100000
INOVITAN PP see: QS3675000
INOX see: UO7451000
INPC see: FD9100000
INPROQUONE see: DK3327000
INSARIOTOXIN see: YD0100000
INSECTICIDE ACC 4124 see: TE7875000
INSECTICIDE 1,179 see: AK2975000
INSECTICIDE-NEMATICIDE 1410 see: RP2300000
INSECTICIDE No. 497 see: IO1750000
INSECTICIDE NO. 4049 see: WM8400000
INSECTICIDE 3960-X14 see: WZ6400000
INSECTOPHENE see: RB9275000
INSECT POWDER see: UR4200000
6-12-INSECT REPELLENT see: MO2625000
INSIDON see: TL8750000
INSOLUBLE SACCHARIN see: DE4200000
INSOMNOL see: SC4900000
INSPIR see: HA1660000
INSULAMIN see: DU1135000
INSULAMINA see: AY5600000
INSULAR see: NM8894000

NM8894000 INSULIN
UPDT 8411 CAS: 9004-10-8
SYN: ACTRAPID * DECURVON * ENDOPANCRINE * ILETIN * INSULAR * INSULIN INJECTION * INSULYL * ISZILIN
MUTATION DATA AND REFERENCES:
dns-hmn:lng 1600 ug/L PSEBAA 171,109,82
dns-hmn:oth 10 mg/L CNREA8 37,792,77
dns-rat:mmr 1 gm/L CNREA8 36,2162,76
dns-mus:fbr 4 ug/L TSITAQ 17,723,75
dns-gpg:lng 2 mg/L PSEBAA 171,109,82
dns-ckn:emb 10 mg/L ITCSAF 20,172,84

NM8896000 INSULIN GROWTH FACTOR I
UPDT 8402
MUTATION DATA AND REFERENCES:
dns-rbt:oth 8800 pmol/L ECREAL 142,293,82

NM8896500 INSULIN GROWTH FACTOR II
UPDT 8402
MUTATION DATA AND REFERENCES:
dns-rbt:oth 8800 pmol/L ECREAL 142,293,82

INSULIN INJECTION see: NM8894000

NM8912800 INSULIN PROTAMINE ZINC
UPDT 8302 CAS: 9004-17-5
SYN: DEPO-INSULIN * DEPOSULIN * INSULIN RETARD RI * INSULIN ZINC PROTAMINATE * INSULIN ZINC PROTAMINE * INSULYL-RETARD * I.P.Z. * ISOPHANE INSULIN * ISOPHANE INSULIN SUSPENSION * NPH INSULIN * NPH 50 INSULIN * PROTAMINE ZINC INSULIN * PROTAMINE ZINC INSULIN INJECTION * PROTAMINE ZINC INSULIN SUSPENSION * ZINC PROTAMINE INSULIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T71 scu-rat TDLo:1458 ug/kg (15-21D preg) DIAEAZ 13,44,64
2T41T46 ipr-mus TDLo:167 ug/kg (8D preg) ANREAK 124,441,56
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:195 iu/kg AIPTAK 153,379,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

INSULIN RETARD RI see: NM8912800
INSULIN ZINC PROTAMINATE see: NM8912800
INSULIN ZINC PROTAMINE see: NM8912800
INSULTON see: MU2275000
INSULYL see: NM8894000
INSULYL-RETARD see: NM8912800
INSUMIN see: DF0875000
INTALBUT see: UQ8225000
INTALPRAM see: HO1575000
INTEBAN SP see: NL3500000

NM9080000 INTEGERRIMINE
UPDT 8412 CAS: 480-79-5 MOLFM: C18-H25-N-O5
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:250 mg/kg NCNSA6 5,47,53
* ipr-mus LD50:75 mg/kg IJEBA6 9,177,71
ivn-mus LD50:78 mg/kg JPETAB 75,69,42

INTEGRIN see: NL7170000
INTENKORDIN see: AG9500000
INTENSAIN see: AG9500000
INTENSAIN HYDROCHLORIDE see: AG9500000
INTENSE BLUE see: DU3000000
INTERCAIN see: DG4725000
INTERCHEM ACETATE DEVELOPED BLACK see: BX5020000
INTERCHEM ACETATE YELLOW G see: AC3662000
INTERCHEM DIRECT BLACK Z see: QJ6160000
INTERCHEM DISPERSE YELLOW GH see: AC3662000
INTERFLO see: TQ3325000
INTERKELLIN see: LV1050000
INTERKHELLIN see: LV1050000
INTERNATIONAL ORANGE 2221 see: OF9800000
INTEROX see: MX0899000
INTERPINA see: ZG0350000
INTERSTITIAL CELL STIMULATING HORMONE see: OK6367000
INTERTULLE FUCIDIN see: LV5775000
INTEXAN LB-50 see: BO3150000
INTEXAN SB-85 see: BO7000000
INTEXSAN CPC see: UU4900000
INTEXSAN LQ75 see: NX5250000
INTEXSAN SB-85 see: BO7000000
INTOCOSTRIN see: YO4900000
INTOCOSTRINE see: GS3325000
INTOCOSTRINE T see: YO4900000
INTOLEX see: DK8225000
INTRABILIX see: GD8430000
INTRABLIX see: LZ4297000
INTRABUTAZONE see: UQ8225000
INTRACID FAST ORANGE G see: QJ6500000
INTRACID GREEN F see: BQ4375000
INTRACID PURE BLUE L see: BQ4725000
INTRACID PURE BLUE V see: BP6830000
INTRACID VIOLET 4BNS see: BQ1140000
INTRACORT see: GM9015000
INTRADERM TYROTHRICIN see: YP2975000
INTRAMIN see: PB1960000 METHANESULFONIC ACID, DIIODO-, SODIUM SALT
INTRAMYCETIN see: AB6825000
INTRANEFRIN see: DO2625000
INTRAPERSE YELLOW GBA see: AC3662000
INTRASPERSE YELLOW GBA EXTRA see: AC3662000
INTRASPORIN see: UU3675000
INTRATHION see: TE4375000
INTRATION see: TE4375000
INTRAVAL see: CQ6300000
INTRAVAL SODIUM see: CQ6475000
INTRELEVEN ALDEHYDE see: YQ1508000
INTROMENE see: DK8925000
INTRON see: PB1960000 METHANESULFONIC ACID, DIIODO-, SODIUM SALT
INTROPIN see: UX1092000

NN1096000 INULA CAPPA DC., extract
DEF: Indian plant belonging to the family COMPOSITAE (IJEBA6 18,594,80)
UPDT 8412
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:125 mg/kg IJEBA6 18,594,80

NN1097000 INULA GRANDIFLORA Willd., extract
DEF: Indian plant belonging to the family COMPOSITAE (IJEBA6 11,43,73)
UPDT 8305
SYN: MINMINARI EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:375 mg/kg IJEBA6 11,43,73

NN1098000 INULA RACEMOSA Hk. f., extract
DEF: Indian plant belonging to the family COMPOSITAE (IJEBA6 16,228,78)
UPDT 8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:250 mg/kg IJEBA6 16,228,78

INVENOL see: YS4200000
INVERSAL see: MF5550000
INVERTON 245 see: AJ8400000
INVISI-GARD see: FC3150000
IOB 82 see: XU1594000
IOBENZAMIC ACID see: AY3170000
IOCARMATE MEGLUMINE see: LZ4365000
IOCARMIC ACID DI-N-METHYLGLUCAMINE SALT see: LZ4365000
IOCETAMIC ACID see: UE6050000
IOCETAMIC ACID METHYLGLUCAMINE SALT see: UE6100000
IODAIRAL see: MR8162000
IODAMIDE see: DG0895000
IODE (French) see: NN1575000
IODEIKON see: SM8400000
IODENTEROL see: VC5075000
IODEOSIN see: LM5940000

NN1400000 IODIC ACID, SODIUM SALT
UPDT 8403 CAS: 7681-55-2 MW: 197.89 MOLFM: I-O3 Na
SYN: SODIUM IODATE * NATRIUMJODAT (German)
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:119 mg/kg JPETAB 120,171,57
ivn-mus LD50:108 mg/kg JPETAB 120,171,57
ivn-dog LDLo:200 mg/kg HBTXAC 1,274,55
ivn-rbt LDLo:75 mg/kg JPETAB 40,451,30
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

IODIDE of MILLION'S BASE see: OW5270000
IODINATED GLYCEROL see: JI1800000

NN1575000 IODINE
UPDT 8408 CAS: 7553-56-2 MW: 253.80 MOLFM: I2
SYN: IODE (French) * IODINE CRYSTALS * IODINE SUBLIMED * IODIO (Italian) * JOD (German, Polish) * JOOD (Dutch)
MUTATION DATA AND REFERENCES:
otr-mus:fbr 170 mg/L JEPTDQ 4(2-3),327,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T75 orl-rat TDLo:1100 mg/kg (1-22D preg) JONUAI 84,107,64
1T81 orl-rat TDLo:2750 mg/kg (1-22D preg) JONUAI 84,107,64
2T75T81 orl-rbt TDLo:15 mg/kg (30-31D preg) JONUAI 87,394,65
TOXICITY DATA AND REFERENCES:
unk-man LDLo:29 mg/kg 85DCAI 2,73,70
orl-rat LD50:14 gm/kg DRFUD4 4,876,79
* ihl-rat LCLo:800 mg/m3/1H 85GMAT -,76,82
orl-mus LD50:22 gm/kg DRFUD4 4,876,79
orl-dog LDLo:800 mg/kg HBAMAK 4,1289,35
ivn-dog LDLo:40 mg/kg HBTXAC 5,76,59
orl-rbt LD50:10 gm/kg DRFUD4 4,876,79

scu-rbt LDLo:175 mg/kg HBTXAC 5,76,59
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FOREAE 7,313,42; KOTTAM 11(11),1300,75
★ TLV-CL 100 ppb DTLVS* 4,230,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:Cl 0.1 ppm (SCP-Q) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NN1600000 IODINE AZIDE
UPDT 8308 CAS: 14696-82-3 MW: 168.93 MOLFM: I-N3
SYN: IODINE AZIDE (DOT) * IODINE(I) AZIDE * IODOAZIDE * NITROGEN IODIDE
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
IODINE(I) AZIDE see: NN1600000
IODINE AZIDE (DOT) see: NN1600000

NN1650000 IODINE CHLORIDE
UPDT 8312 CAS: 7790-99-0 MW: 162.35 MOLFM: Cl-I
SYN: IODINE MONOCHLORIDE * IODINE MONOCHLORIDE (DOT) * PROTOCHLORURE D'IODE (French) *
UN 1792 (DOT) * WIJS' CHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:50 mg/kg KODAK* 21MAY71
skn-rat LDLo:500 mg/kg KODAK* 21MAY71
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
IODINE CRYSTALS see: NN1575000

NN1770000 IODINE FLUORIDE
UPDT 8401 CAS: 7783-66-6 MW: 221.90 MOLFM: F5-I
SYN: IODINE PENTAFLUORIDE (DOT) * PENTAFLUOROIODINE * UN 2495 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
IODINE MONOCHLORIDE see: NN1650000
IODINE MONOCHLORIDE (DOT) see: NN1650000
IODINE PENTAFLUORIDE (DOT) see: NN1770000
IODINE and PROPYLTHIOURACIL see: YR1420000
IODINE SUBLIMED see: NN1575000
IODIO (Italian) see: NN1575000
IODIPAMIDE, DISODIUM SALT see: DG0950000
IODIPAMIDE MEGLUMINE see: LZ4297000
IODIPAMIDE MEGLUMINE SALT see: LZ4297000
IODIPAMIDE METHYLGLUCAMINE SALT see: LZ4297000
IODIPAMIDE SODIUM see: DG0950000
IODOACETAMIDE see: AC4200000
IODOACETAMIDE see: BU2625000
alpha-IODOACETAMIDE see: AC4200000
4-N-(4-IODOBENZENESULFONYL)-AMINOMETHYLBENZENESULFONIC ACID see: XT6885000
2-IODOACETAMIDE see: AC4200000
IODOACETATE see: AI3500000
IODOACETIC ACID see: AI3500000
1-IODOACETYL-alpha,alpha-DIPHENYL-4-PIPERIDINEMETHANOL see: OB2891000
IODOALPHIONIC ACID see: MW5150000
p-IODOANILINE see: BY3850000
4-IODOANILINE see: BY3850000
IODOAZIDE see: NN1600000
alpha-(p-IODOBENZENESULFONAMIDO)-p-TOLUENESULFONIC ACID see: XT6885000
m-IODOBENZENESULFONIC ACID SODIUM SALT see: DB7130000
p-IODOBENZENESULFONIC ACID SODIUM SALT see: DB7130100
N-(4-IODOBENZENESULFONYL)ERYTHROMYCYLAMINE see: KF4680400
m-IODOBENZOIC ACID SODIUM SALT see: DH3056690
o-IODOBENZOIC ACID SODIUM SALT see: DH3056700
p-IODOBENZOIC ACID SODIUM SALT see: DH3056750
o-IODOBENZOIC ACID TRIBUTYLSTANNYL ESTER see: WH8578000
p-IODOBENZOIC ACID TRIBUTYLSTANNYL ESTER see: WH8578200
2-(o-IODOBENZOYLAMINO)-3,5-DIIODOBENZOIC ACID see: CB2999610
N-p-IODOBENZOYL-N',N',N'',N''-DIETHYLENETRIAMIDE of PHOSPHORIC ACID see: CV2353620
p-IODOBENZOYLGLUTAMIC ACID see: MA1290000
N-(o-IODOBENZOYL)GLUTAMIC ACID see: MA1289900
N-(p-IODOBENZOYL)GLUTAMIC ACID see: MA1290000
(o-IODOBENZOYLOXY)TRIPROPYLSTANNANE see: WH8579000
IODOBIL see: MW5150000
1-IODOBUTANE see: EK4400000
2-IODOBUTANE see: EK4410000
2-IODOBUTANE (DOT) see: EK4410000
IODOCHLORHYDROXYQUIN see: VC5075000
IODOCHLORHYDROXYQUINOL see: VC5075000
IODOCHLORHYDROXYQUINOLINE see: VC5075000
7-IODO-5-CHLORO-8-HYDROXYQUINOLINE see: VC5075000
7-IODO-5-CHLOROXINE see: VC5075000
IODOCHLOROXYQUINOLINE see: VC5075000
m-IODO-DCBA see: DP1588300
o-IODO-DCBA see: DP1588400
p-IODO-DCBA see: DP1588500
5-IODODEOXYURIDINE see: YU7700000
5-IODO-2'-DEOXYURIDINE see: YU7700000
m-IODO-DI-(2-CHLOROETHYL)-BENZYLAMINE see: DP1588300
o-IODO-DI-(2-CHLOROETHYL)-BENZYLAMINE see: DP1588400
p-IODO-DI-(2-CHLROETHYL)-BENZYLAMINE see: DP1588500
IODOENTEROL see: VC5075000
IODOETHANE see: KI4750000
IODOETHANOL see: KL3820000
2-IODOETHANOL see: KL3820000
5-(2-IODOETHYL)-4-METHYLTHIAZOLE ETHANEDISULFONATE see: XJ5090500
3-IODO-2-FAA see: AC4375000
IODOFENOPHOS see: TF0175000
IODOFENPHOS see: TF0175000
N-(3-IODO-2-FLUORENYL)ACETAMIDE see: AC4375000
IODOFORM see: PB7000000
IODOGNOST see: SM8400000
IODOHIPPURA see: MR8162000
IODOHIPPURATE SODIUM see: MR8162000
o-IODOHIPPURATE SODIUM see: MR8162000
m-IODOHIPPURIC ACID see: MR8161000
p-IODOHIPPURIC ACID see: MR8161500
4-(3-IODO-4-HYDROXYPHENOXY)-3,5-DIIODOPHENYLALANINE see: A[illegible]6750000
7-IODO-8-HYDROXYQUINOLINE-5-SULFONIC ACID see: VC2800000
IODOMETANO (Italian) see: PA9450000
IODOMETHAMATE SODIUM see: US7970000
IODOMETHANE see: PA9450000
IODOMETHANESULFONIC ACID SODIUM SALT see: PB2250000
8-IODO-2-((o-METHOXYPHENOXY)METHYL)-3-(2-PYRIDYL)-4(3H)-QUINAZOLINONE see: VA3498000
IODOMETHYLATE de DIETHYLAMINOETHYLTHEOBROMINE (French) see: BP7100000
IODOMETHYLATE de DIETHYLAMINOETHYLTHEOPHYLLINE (French) see: BP8140700
IODOMETHYLATE de PROCAINE (French) see: BP7645300
IODOMETHYLATE de SPARTEINE (French) see: WG6450000
(IODOMETHYL)BENZENE see: XT2830000
1-IODO-3-METHYLBUTANE see: EK4412000 BUTANE, 1-IODO-3-METHYL-
(E,Z)-2-(IODOMETHYL)-1,3-DIOXOLANE-4-METHANOL see: JI1300000
7-IODOMETHYL-12-METHYLBENZ(a)ANTHRACENE see: CW7750000
IODOMETHYLPROPANES (DOT) see: TZ4230000
IODOMETHYLTRIMETHYLARSONIUM IODIDE see: CI0175000
2-IODOMETIL-4-IDROSSIMETIL-1,3-DIOSSOLANO (Italian) see: JI1300000
1-IODOOCTANE see: RG9700100 OCTANE, 1-IODO-
IODOPACT see: DG0888000
IODOPANIC ACID see: MW5075000
IODOPANOIC ACID see: MW5075000
IODOPAQUE see: DG0888000
1-IODOPENTANE see: SA2975600 PENTANE, 1-IODO-
p-IODOPHENACETURIC ACID see: MC0596200
IODOPHENE see: SM8397000
IODOPHENE SODIUM see: SM8400000
p-IODOPHENOL see: SL5600000
4-IODOPHENOL see: SL5600000
N-(p-IODOPHENYLACETYL)GLYCINE see: MC0596200
IODOPHENYLMETHANE see: XT2830000
IODOPHOS see: TF0175000
IODOPHTHALEIN SODIUM see: SM8400000
12-alpha-IODOPREGN-4-ENE-3,11,20-TRIONE see: TU5532000
IODOPROPANE see: TZ4050000
1-IODOPROPANE see: TZ4100000
2-IODOPROPANE see: TZ4200000
IODOPROPANES (DOT) see: TZ4050000
3-IODOPROPENE see: UD0450000
3-IODOPROPIONIC ACID see: UF4900000
1-(3-IODOPROPIONYL)-alpha,alpha-DIPHENYL-4-PIPERIDINEMETHANOL see: UC2010500
3-IODOPROPYLENE see: UD0450000
IODOPROPYLIDENE GLYCEROL see: JI1800000
3-IODO-2-PROPYNYL 2,4-DICHLOROPHENYLCARBAMATE see: FD8697000
3-IODO-2-PROPYNYL 2,4,5-TRICHLOROPHENYL ETHER see: KO1225000
IODOPYRACET see: UR8750000
7-IODO-8-QUINOLINOL SULFONATE SODIUM SALT see: VC6130000
IODORAYORAL see: SM8400000
5-IODO-2-THIOURACIL, SODIUM SALT see: YR0600000
4-IODOTHYMOL see: XP267[illegible]000
6-IODOTHYMOL see: XP267[illegible]000
alpha-IODOTOLUENE see: XT2830000
IODO(p-TOLYL)MERCURY see: OW5350000
IODOTRIBUTYLSTANNANE see: WH8580000
2-IODO-2',4',5'-TRICHLOROACETANILIDE see: AE4290000
2'-IODO-2,4',5'-TRICHLOROACETANILIDE see: AE4292000 ACETANILIDE, 2'-IODO-2,4',5'-TRICHLORO-
IODOTRIMETHYLSTANNANE see: WH8581000
IODOTRIMETHYLTIN see: WH8581000
IODOTRIPHENYLSTANANE see: WH8582000
IODOTRIPHENYLSTANNANE see: WH8582000
IODOTRIPHENYLTIN see: WH8583000
5-IODOURACIL DEOXYRIBOSIDE see: YU7700000
(E)-5-(2-IODOVINYL)-2'-DEOXYURIDINE see: YU7750000
IODOXYL see: US7970000
IODTETRAGNOST see: SM8400000
IODURE du (ALLYL-1 CYCLOHEXYLE)-N PYRROLIDINE (French) see: UY2647000
IODURE DE MERCURE (French) see: OW5075000
IODURE DE METHYLE (French) see: PA9450000
IODURE de la PHENCYCLIDINE (French) see: TN5953300
IODURE de N-(PHENYL-2-ETHYL-2-ACETYLCHOLINE) (French), see: GA4870000
IODURE du ((THIENYL-2)-1 CYCLOHEXYLE)-N PIPERIDINE (French) see: TN6086900
IODURE de TRIMETHYLOCTYLAMMONIUM (French) see: BR9802000
IODURE du (VINYL-1 CYCLOHEXYLE)-N PYRROLIDINE (French) see: UY4572000
IODURIL see: WB6475000
IODURO di ESAMETILEN-1,6-BIS-DIMETILSOLFONIO (Italian) see: WR8047500
IODURON B see: UR8750000
IOMEGLAMIC ACID see: SA3678000
IOMEGLAMIS ACID see: SA3678000
IOMEGLAMSAEURE (German) see: SA3678000
IOMESAN see: VN8400000

NO0125000 IOMEX
UPDT 8405 CAS: 57285-10-6
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:60 gm/kg (24D male) TXCYAC 7,57,77
1T12 orl-rat TDLo:60 gm/kg (24D pre) TXCYAC 7,57,77
TOXICITY DATA AND REFERENCES:
3D26F01F17 ipr-rat LD50:5 mg/kg SRTCDF -,142,77
3D26F01F17 ipr-rbt LD50:5 mg/kg SRTCDF -,142,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
IOMEZAN see: VN8400000
3,3-IONENE see: TQ2665000
6,6-IONENE see: TQ2647000
2,4-IONENE BROMIDE see: TQ2644000
2,6-IONENE BROMIDE see: TQ2643000
3,3-IONENE BROMIDE see: TQ2665000
6,3-IONENE BROMIDE see: TQ2655000
6,4-IONENE BROMIDE see: TQ2654000
6,5-IONENE BROMIDE see: TQ2650000
6,6-IONENE BROMIDE see: TQ2647000
6,10-IONENE BROMIDE see: TQ2648000
6,16-IONENE BROMIDE see: TQ2649000
IONET MO-400 see: MD0880000
IONET S 60 see: WG2933500
IONET S-80 see: WG2932400
IONOL see: GO7875000
IONOL 1 see: GO7875000
IONOL (ANTIOXIDANT) see: GO7875000
IONOL CP see: GO7875000
IONOLE see: GO7875000

NO0700000 IONONE
UPDT:8305 CAS: 8013-90-9 MW: 192.33 MOLFM: C13-H20-O
SYN: IRALDEINE * IRISONE
TOXICITY DATA AND REFERENCES:
2F07F11 orl-rat LD50:4590 mg/kg FCTXAV 2,327,64
2F02F04 scu-mus LD50:2605 mg/kg JAPMA8 46,77,57
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
alpha-IONONE see: EN0525000
beta-IONONE see: EN0350000
IONONE, ALLYL alpha- see: MI5550000
IONOPHORE A23187 see: DM4676000
IONOPHORE X 537A see: GP4000000
IONOPHORE X-4537A see: GP4000000 2,3-CRESOTIC ACID, 6-(7-(5-ETHYL-5-(5-ETHYLTETRAHYDRO-5-HYDROXY-6-METHYL-2H-PYRAN-2-YL) TETRAHYDRO-3-METHYL-2-FURYL)-4-HYDROXY-3,5-DIMETHYL-6-OXONONYL)- (-)-
IOP see: DO3500000
IOPAMIDOL see: CZ2235000
IOPAMIRO see: CZ2235000 1,3-BENZENEDICARBOXAMIDE, N,N'-BIS(2-HYDROXY-1-(HYDROXYMETHYL)ETHYL)-5-((2-HYDROXY-1- OXOPROPYL)AMINO)-2,4,6-TRIIODO-, (S)-
IOPANOIC ACID see: MW5075000
neo-IOPAX see: US7970000
neo-IOPAX R see: US7970000
neo-IOPAX SODIUM see: US7970000
IOPEZITE see: HX7680000
IOPHENOXIC ACID see: MW5280000
IPO 8 see: TB9050000 PHOSPHORIC ACID, 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)VINYL DIMETHYLESTER
IOPODATE SODIUM see: MW5200000
IOPRAMINE HYDROCHLORIDE see: AM6485000
IOPRONIC ACID see: ES5615000
IOPROPANE see: UB1950000
IOPYDON see: UV1146600
IOPYDONE see: UV1146600
IOPYRACIL see: UR8750000
IOSULAMIDE DIMEGLUMINE SALT see: LZ4369000
IOSULAMIDE MEGLUMINE see: LZ4369000
IOSULAMIDE SODIUM see: DH6832000
IOTALAMATE de METHYLGLUCAMINE (French) see: NT1981800
IOTALAMATE de SUDIUM (French) see: NT1987000
IOTHALAMATE MEGLUMINE see: NT1981800
IOTHALAMATE METHYLGLUCAMINE see: NT1981800
IOTHALAMATE METHYLGLUCAMINE SALT see: NT1981800
IOTHALAMATE SODIUM see: NT1987000
IOTHALAMATE SODIUM (INJECTION) see: NT1987000
IOTHALAMATE SODIUM SALT see: NT1987000
IOTHION see: UB1950000
IOTONE see: UB1950000
IOTOX see: DI4025000
IOTROXATE MEGLUMINE see: LZ4367500
IOTROXATE METHYLGLUCMINE SALT see: LZ4367500
IOXITHALAMATE METHYLGLUCAMINE see: LZ4295800
IOXYNIL see: DI4025000
IP see: NK9300000
IP 50 see: YT0170000
IP-82 see: MU6640000
IPA see: NT2007000
IPA see: DO1750000
IPABUTONA see: UQ8400000
IPANER see: AG6825000
IPC see: FD9100000
IPD see: UB6620000
IPDI see: NQ9370000
IPEOMEAMARON see: SA9082000
IPE-TOBACCO WOOD see: QL8750000
IPHOSPHAMID see: RP6050000
IPHOSPHAMIDE see: RP6050000
IPN see: NS1925000
IPN see: CZ1900000
IPNOFIL see: VA3850000
IPO 62 see: TB8450000
IPO 63 see: TB8460000
IPODATE SODIUM see: MW5200000
IPOGLICONE see: YS4550000
IPOGNOX 89 see: UF8000000
IPOLINA see: TH9000000
1,4-IPOMEADIOL see: SA0700000
IPOMEAMARONE see: SA9082000
IPOMEANIN see: SA1956000
IPOMEANINE see: SA1956000
IPOMEANOL see: SA9060000
IPOMEANOL see: SA9050000
4-IPOMEANOL see: SA9050000

NO2158000 IPOMOEA CARNEA Jacq., extract excluding roots
DEF:Indian plant belonging to the family CONVOLVULACEAE (IJEBA6 9,91,71)
UPDT:8305
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

NO2158100 IPOMOEA CARNOSA Braun., extract
DEF:Indian plant belonging to the family CONVOLVULACEAE (IJEBA6 9,91,71)
UPDT:8305
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:750 mg/kg IJEBA6 9,91,71

NO2159000 IPOMOEA CHRYSEIDES Ker., extract
DEF:Indian plant belonging to the family CONVOLVULACEAE (IJEBA6 9,91,71)
UPDT:8305
TOXICITY DATA AND REFERENCES:
3H30J30U26 ipr-mus LD50:500 mg/kg IJEBA6 9,91,71

NO2159100 IPOMOEA DICHROA (Roem. & Sch.) Choisy, extract excluding roots
DEF:Indian plant belonging to the family CONVOLVULACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

NO2159200 IPOMOEA FISTULOSA Mart., leaf and stem extract
DEF:Jamaican plant belonging to the family CONVOLVULACEAE (JPPMAB 16,115,64)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:20 gm/kg JPPMAB 16,115,64

NO2159500 IPOMOEA ILLUSTRIS (C. B. Clarke) Prain, extract
DEF:Indian plant belonging to the family CONVOLVULACEAE (IJEBA6 7,250,69)
UPDT:8305
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:166 mg/kg IJEBA6 7,250,69

NO2160000 IPOMOEA LEARI Paxt., extract
DEF:Indian plant belonging to the family CONVOLVULACEAE (IJEBA6 7,250,69)
UPDT:8305
TOXICITY DATA AND REFERENCES:
2H30V30 ipr-mus LD50:100 mg/kg IJEBA6 7,250,69

NO2160500 IPOMOEA PURPUREA Lamk., extract
DEF:Indian plant belonging to the family CONVOLVULACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

NO2161000 IPOMOEA REPTANS (L.) Poir., extract
DEF:Indian plant belonging to the family CONVOLVULACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: NARI KA SAAG EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:850 mg/kg IJEBA6 7,250,69

NO2162000 IPOMOEA SEPIARIA Koen. var. STIPULACEA Cl., extract excluding roots
DEF:Indian plant belonging to the family CONVOLVULACEAE (IJEBA6 12,512,74)
UPDT:8305
SYN: BANKALMI EXTRACT
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:188 mg/kg IJEBA6 12,512,74
IPOPHOS see: TB8450000
IPORES see: ZG0175000
IPPC see: FD9100000
dl-IPR see: DO1750020
IPRAL SODIUM see: CQ6125000
IPRATROPIUMBROMID (German) see: YM3700000
IPRATROPIUM BROMIDE see: YM3700000
IPRATROPIUM BROMIDE HYDRATE see: YM3701000
IPRAZID see: NS1925000
IPRINDOLE see: GY0350000
IPROCLOZID see: AG0525000
IPROCLOZIDE see: AG0525000
IPRODIONE see: NI8870000
IPROGEN see: HO1925000
IPROHEPTINE HYDROCHLORIDE see: MK1200000
IPRONAL see: CP857[illegible]000
IPRONIAZID see: NS1925000
IPRONID see: NS1925000
IPRONIDAZOLE see: NI6450000
IPRONIN see: NS1925000
IPROPRAN see: NI6450000
IPROVERATRIL see: YV8300000
IPROVERATRIL HYDROCHLORIDE see: YV8320000
IPROX see: HP1750000
IPSILON see: MO6300000
IPSOFLAME see: UQ8225000
IPSOTIAN see: TZ0175000
IPT see: TY1846000
IPT (PESTICIDE) see: TY1846000
I.P.Z. see: NM8912800
IQ see: NJ5910000
IRADICAV see: WB0350000
IRAGEN RED L-U see: BP3675000
IRALDEINE see: NO0700000
IRAMIL see: HO1575000
IRAMIL see: HO1925000
IRAX see: TQ3325000
IRC 453 see: CW1000000
IRCODIN see: QD1010000 MORPHINAN-6-OL, 7,8-DIDEHYDRO-4,5-EPOXY-3-METHOXY-17-METHYL-, (5-alpha,6-alpha)-, mixt. with 4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE, 5-(1-CYCLOHEPTEN-1-YL)-5-ETHYL-2,4,6(1H,3H,5H)- PYRIMIDINETRIONE and 4-(DIMETHYLAMINO)-1,2-DIHYDRO-1,5-DIMETHYL-2-PHENYL-3H-PYRAZOL-3-ONE
IRCON see: LT1950000
IREDALE YELLOW RD see: GD0197800
IRENAL see: SC9700000
IRENAT see: SC9700000
IRENE see: HO0525000
IRGACHROME ORANGE OS see: OF9800000
IRGALITE 1104 see: FF5250100
IRGALITE BRONZE RED CL see: LM5850000
IRGALITE FAST RED 2GL see: QL3854000
IRGALITE FAST RED P4R see: QK4247000
IRGALITE FAST SCARLET RND see: QK4247000
IRGALITE RED CBN see: DB5500000
IRGALITE RED CBR see: DB5500000
IRGALITE RED CBT see: DB5500000
IRGALITE RED 2G see: QL3854000
IRGALITE RED 2GW see: QL3854000
IRGALITE RED MBC see: DB5500000
IRGALITE RED PRR see: QL3436000
IRGALITE RED PV2 see: QK4247000
IRGALITE RED PV8 see: QL3854000
IRGALITE RED RNPX see: QK4247000
IRGALITE SCARLET RB see: QK4247000
IRGALITE VIOLET TCR see: GE4518000
IRGALITE YELLOW BO see: AK4580000
IRGALITE YELLOW BST see: AK4580000
IRGALITE YELLOW BTR see: AK4580000
IRGALON see: AH5075000
IRGANOX PS 800 see: UF8000000
IRGAPYRIN see: UQ8290000
IRGAPYRINE see: UQ8290000
IRGASAN see: KO1100000
IRGASAN DP300 see: KO1100000
IRIDIL see: UQ8400000

NO3615000 IRIDIUM, (1,5-CYCLOOCTADIENE)(2,4-PENTANEDIONATO)-
UPDT:8412 MW: 400.53 MOLFM: C13-H20-Ir-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:47 mg/kg CBINA8 45,1,33

NO3622000 IRIDIUM NITRATOPENTAMINE IRIDIUM NITRATE (DOT)
UPDT:8308
STANDARDS & REGULATIONS: HAZARD
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172,101,82
IRIDOCIN see: NS0350000
IRIDOZIN see: NS0350000
IRIFAN see: CQ2975000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

NO3702000 IRIS ENSATA Thunb., leaf extract
DEF:Indian plant belonging to the family IRIDACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

NO3703000 IRIS ENSATA Thunb., rhizome extract
DEF:Indian plant belonging to the family IRIDACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1P02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

NO3704000 IRIS ENSATA Thunb., root extract
DEF:Indian plant belonging to the family IRIDACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2F07H02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

NO3705000 IRIS GERMANICA Linn., leaf extract
DEF:Indian plant belonging to the family IRIDACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

NO3706000 IRIS GERMANICA Linn., rhizome extract
DEF:Indian plant belonging to the family IRIDACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

IRISH GUM see: FI0700000
IRISH MOSS EXTRACT see: FI0700000
IRISH MOSS GELOSE see: FI0700000

NO3760000 IRIS KASHMIRIANA Baker., root extract
DEF:Indian plant belonging to the family IRIDACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2H02Y55 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

NO3800000 IRIS KUMAONENSIS Wall., extract
DEF:Indian plant belonging to the family IRIDACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2F29M10 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

IRISONE see: NO0700000
IRISONE ACETATE see: GM9140000
IRIUM see: WT1050000
IRMIN see: HO1575000
IROCAINE see: DG2275000
IROINI see: QC8050000
IRO-JEX see: NI2200000
IROMIN see: LZ5150000
IRON(2+) see: NO6925000
IRON ALLOY, BASE, Fe,P (FERROPHOSPHORUS) see: LF1300000
IRON AMMONIUM SULFATE see: WS5900000

NO4580000 IRON(II) ARSENATE (3:2)
UPDT:8308 CAS: 10102-50-8 MW: 445.39 MOLFM: As2-O8 .3Fe
SYN: ARSENATE OF IRON, FERROUS * FERROUS ARSENATE * FERROUS ARSENATE, SOLID (DOT) * IRON ARSENATE (DOT) * UN 1608 (DOT)
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 FEREAC 43,19584,78
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M NTIS**

NO4585000 IRON(III) ARSENATE (1:1)
UPDT:8308 CAS: 10102-49-5 MW: 194.77 MOLFM: As-O4 .Fe
SYN: ARSENATE OF IRON, FERRIC * FERRIC ARSENATE * FERRIC ARSENATE, SOLID (DOT) * UN 1606 (DOT)
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 FEREAC 43,19584,78
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M NTIS**

IRON ARSENATE (DOT) see: NO4580000

NO4600000 IRON(III) o-ARSENITE PENTAHYDRATE
UPDT:8401 CAS: 63989-69-5 MW: 607.34 MOLFM: As2-Fe2-O6 .Fe2-O3 .5H2-O
SYN: FERRIC ARSENITE, SOLID (DOT) * FERRIC ARSENITE * FERRIC ARSENITE, BASIC * UN 1607 (DOT)
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 FEREAC 43,19584,78
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M NTIS**

IRONATE see: NO8510000

NO4620000 IRON, BICYCLOPENTADIENYL BIS(TRICARBONYL-
UPDT:8408 MW: 407.94 MOLFM: C16-Fe2-H8-O6
SYN: BICYCLOPENTADIENYLBIS(TRICARBONYLIRON)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2900 mg/kg SCCUR* -,1,61
ipr-rat LD50:1000 mg/kg SCCUR* -,1,61

IRON BIS(CYCLOPENTADIENE) see: LK0700000
IRON, BIS(LACTATO)-, TRIHYDRATE see: OD5575000
IRON CARBOHYDRATE COMPLEX see: NO6210000

NO4900000 IRON CARBONYL
UPDT:8402 CAS: 13463-40-6 MW: 195.90 MOLFM: C5-Fe-O5
SYN: FER PENTACARBONYLE (French) * IRON, PENTACARBONYL- * IRON PENTACARBONYL (DOT) * PENTACARBONYLIRON * UN 1994 (DOT)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:40 mg/kg GTPZAB 26(6),52,82
* ihl-rat LC50:44 mg/m3 GTPZAB 26(6),52,82
* orl-mus LD50:62 mg/kg GTPZAB 26(6),52,82
ihl-mus LC50:7 gm/m3/10M NTIS** PB158-508
orl-rbt LD50:12 mg/kg JIHTAB 25,415,43
ihl-rbt LCLo:250 ppm/45M 34ZIAG -,335,69
skn-rbt LD50:240 mg/kg 34ZIAG -,335,69
scu-rbt LD50:240 mg/kg JIHTAB 25,415,43
ivn-rbt LD50:11 mg/kg JIHTAB 25,415,43
orl-gpg LD50:22 mg/kg JIHTAB 25,415,43
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,373,71
★ TLV-TWA 800 ug(Fe)/m3; STEL 160 ug(Fe)/m3 DTLVS* 4,232,80
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172,102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IRON CHLORIDE see: LJ9100000
IRON(III) CHLORIDE see: LJ9100000

NO5400000 IRON(II) CHLORIDE (1:2)
UPDT:8308 CAS: 7758-94-3 MW: 126.75 MOLFM: Cl2-Fe
SYN: FERROUS CHLORIDE * FERROUS CHLORIDE, solid (DOT) * FERROUS CHLORIDE, solution (DOT) * IRON DICHLORIDE * IRON PROTOCHLORIDE * NA 1759 (DOT) * NA 1760 (DOT)
MUTATION DATA AND REFERENCES:
otr-ham:emb 2500 umol/L CNREA8 39,193,79
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:59 mg/kg AEPPAE 244,17,62
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg/m3; STEL 2 mg/m3 DTLVS* 4,233,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solution CFRGBR 49,172,101,82
★ DOT-HAZARD:ORM-B; LABEL:NONE, solid CFRGBR 49,172,101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

IRON CHLORIDE, SOLID (DOT) see: LJ9100000
IRON CHROMITE see: GB4000000
IRON DEXTRAN see: NI2200000
IRON-DEXTRAN COMPLEX see: NI2200000

NO6000000 IRON DEXTRAN GLYCEROL GLYCOSIDE
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 scu-rat TDLo:2500 mg(Fe)/kg/24W-I BJCAAI 22,521,68
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FCTXAV 9,105,71; PEXTAR 12,102,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IRON DEXTRAN INJECTION see: NI2200000

NO6210000 IRON-DEXTRIN COMPLEX
UPDT:8411 CAS: 9004-51-7
SYN: ASTRAFER * DEXTRIFERRON * DEXTRIFERRON INJECTION * FERRIGEN * IRON CARBOHYDRATE COMPLEX * IRON DEXTRIN INJECTION
TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLo:1150 mg/kg/17W-I BJCAAI 15,838,61
2V03V10 scu-mus TDLo:1200 mg(Fe)/kg/27W-I BMJOAE 1,1800,62
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:980 mg/kg AJMSA9 241,296,61
* ivn-mus LD50:175 mg/kg AJMSA9 241,296,61
* ivn-dog LD50:94 mg/kg AJMSA9 241,296,61
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FCTXAV 9,105,71; PEXTAR 12,102,69
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 2,161,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IRON DEXTRIN INJECTION see: NO6210000
IRON DICHLORIDE see: NO5400000
IRON DICYCLOPENTADIENYL see: LK0700000
IRON DIMETHYLDITHIOCARBAMATE see: NO8750000

NO6851000 IRON DUST
DEF:Iron dust from open hearth furnace; dust contained 52% iron (85AGAF -,480,76)
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V02J60 itr-rat TDLo:506 mg/kg/15W-I 85AGAF -,480,76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85CVA2 5,63,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IRON (Fe 2+) see: NO6925000
IRON complex with N-FLUOREN-2-YLACETOHYDROXAMIC ACID see: AK9450000

NO6865000 IRON FLUORIDE
UPDT:8308 CAS: 7783-50-8 MW: 112.85 MOLFM: F3-Fe
SYN: FERRIC FLUORIDE * FERRIC FLUORIDE (DOT) * IRON TRIFLUORIDE * NA 9120 (DOT)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#00135
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

IRON FUMARATE see: LT1950000
IRON GLUCONATE see: LZ5150000

NO6875000 IRON HYDROGENATED DEXTRAN
UPDT:8401 CAS: 9004-66-4
TUMORIGENIC DATA AND REFERENCES:
3V03P62V10 scu-mus TDLo:2300 mg/kg/I BECCAN 40,30,62
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PEXTAR 12,102,69
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IRON(+3) HYDROXIDE COMPLEX with NITRILO-TRI-PROPIONIC ACID see: LJ9625000

NO6920000 IRON(III)HYDROXIDE-POLYMALTOSE
UPDT:8401
SYN: EISEN-III-HYDROXID-POLYMALTOSE (German)
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:1000 mg(Fe)/kg/10W-I SMWOAS 92,130,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IRON (II) ION see: NO6925000

NO6925000 IRON, ION(Fe 2+)
UPDT:8408 CAS: 15438-31-0 MW: 55.85 MOLFM: Fe
SYN: FERROUS * FERROUS ION * FERROUS METAL BORINGS, SHAVINGS, TURNINGS, OR CUTTINGS (DOT) * IRON(2+) * IRON (Fe 2+) * IRON (II) ION
MUTATION DATA AND REFERENCES:
mmo-nsc 200 umol/L MAGDA3 10,249,79
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172,102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300

IRON(2+) LACTATE see: OD5525000
IRON METHANEARSONATE see: PA2300000
IRON MONOSULFATE see: NO8500000

IRON NICKEL SULFIDE see: QR7060000
IRON NITRATE see: QU8915000
IRON (III) NITRATE, ANHYDROUS see: QU8915000

NO7250000 IRON, NITROSOTRIS(DIMETHYLDITHIOCARBAMATO)-, mixed with BIS(DIMETHYLTHIOCARBAMOYL)DISULFIDE
DEF:58.5% main component. 6.5% secondary component (NTIS** PB223-159)
UPDT:8401
SYN: DISULFIDE, BIS(DIMETHYLTHIOCARBAMOYL)- and IRON, NITROSOTRIS(DIMETHYLDITHIOCARBAMATO)- * FERRIC NITROSODIMETHYL DITHIOCARBAMATE and TETRAMETHYL THIURAM DISULFIDE * TETRAMETHYLTHIURAM DISULFIDE mixed with FERRIC NITROSODIMETHYLDITHIOCARBAMATE * VANGUARD GF

TUMORIGENIC DATA AND REFERENCES:

2V01P60	orl-mus TDLo:27 gm/kg/78W-I	NTIS** PB223-159
3V03L60P60	scu-mus TDLo:46 mg/kg	NTIS** PB223-159

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IRON ORE see: MH7600000
IRONORM INJECTION see: NI2200000

NO7380000 IRON OXIDE
UPDT:8401 CAS: 1332-37-2
SYN: FERROUS FERRITE * IRON OXIDE, spent (DOT) * IRON OXIDE RED 1308 * MIO 40GN * SFERRIT * UN 1376 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NO7400000 IRON(III) OXIDE
UPDT:8408 CAS: 1309-37-1 MW: 159.70 MOLFM: Fe2-O3
SYN: ANCHRED STANDARD * ANHYDROUS IRON OXIDE * ANHYDROUS OXIDE of IRON * ARMENIAN BOLE * BAUXITE RESIDUE * BLACK OXIDE of IRON * BLENDED RED OXIDES of IRON * BURNTISLAND RED * BURNT SIENNA * BURNT UMBER * CALCOTONE RED * CAPUT MORTUUM * COLCOTHAR * COLLOIDAL FERRIC OXIDE * C.I. 77491 * C.I. PIGMENT RED 101 * C.I. PIGMENT RED 102 * C.I. PIGMENT RED 101 and 102 * CROCUS MARTIS ADSTRINGENS * DEANOX * DEANOX DNX PIGMENTS * EISENOXYD * ENGLISH RED * FERRIC OXIDE * FERRIC OXIDE (COLLOIDAL) * FERRUGO * INDIAN RED * IRON OXIDE RED * IRON OXIDE PIGMENTS * IRON RED * IRON SESQUIOXIDE * JEWELER'S ROUGE * LEVANOX RED 130A * LIGHT RED * MANUFACTURED IRON OXIDES * MARS BROWN * MARS RED * NATURAL IRON OXIDES * NATURAL RED OXIDE * OCHRE * PRUSSIAN BROWN * RADDLE * 11554 RED * RED IRON OXIDE * RED OCHRE * RED OXIDE * RED OXIDE D3452 * RED OXIDE D6984 * RED OXIDE of IRON * ROUGE * RUBIGO * SIENNA * SPECULAR IRON * STONE RED * SUPRA * SYNTHETIC IRON OXIDE * VENETIAN RED * VITRIOL RED * VOGEL'S IRON RED * YELLOW FERRIC OXIDE * YELLOW OXIDE of IRON

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-rat TDLo:135 mg/kg	PBPHAW 14,47,78

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:5500 mg/kg	GTPZAB 26(4),23,82
*	ipr-mus LD50:5400 mg/kg	GTPZAB 26(4),23,82
	scu-dog LDLo:30 mg/kg	HBAMAK 4,1289,35

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ZKKOBW 78,99,72
☆ CARCINOGENIC REVIEW:HUMAN SUSPECTED — IARC** 1,29,72
★ CARCINOGENIC REVIEW:ANIMAL NEGATIVE — IARC** 1,29,72
★ TLV-TWA 5 mg(Fe)/m3; STEL 10 mg(Fe)/m3 (dust) — DTLVS* 4,231,80
★ TLV-TWA 5 mg(Fe)/m3; STEL 10 mg(Fe)/m3 (vapor) — DTLVS* 4,231,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NO7450000 IRON OXIDE, CHROMIUM OXIDE and NICKEL OXIDE FUME
DEF:FUME compound of IRON (+3) OXIDE:CHROMIUM (+3) OXIDE:NICKEL (+2) OXIDE 6:1:1(BJIMAG 29,169,72)
UPDT:7901
SYN: CHROMIUM OXIDE, NICKEL OXIDE and IRON OXIDE FUME * NICKEL OXIDE, IRON OXIDE and CHROMIUM OXIDE FUME

TOXICITY DATA AND REFERENCES:

3J21J23J24	ihl-man TCLo:35 mg/m3/10Y-I	BJIMAG 29,169,72

REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Ni)/m3 — DTLVS* 4,295,80
★ TLV-TWA 50 ug(Cr)/m3 — DTLVS* 4,98,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO Cr(VI) recm std-air:TWA 25 ug(Cr(VI))/m3;CL 50 ug/m3/15M — NTIS**
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 — NTIS**

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IRON OXIDE, spent (DOT) see: NO7380000

NO7525600 IRON OXIDE FUME
UPDT:8404
SYN: ZELAZA TLENKI (Polish)

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 mg/m3 (SCP-O) — FEREAC 39,23540,74

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S366*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300

IRON OXIDE PIGMENTS see: NO7400000
IRON OXIDE RED see: NO7400000
IRON OXIDE RED 1308 see: NO7380000

NO7700000 IRON OXIDE, SACCHARATED
UPDT:8401 CAS: 8047-67-4
SYN: COLLIRON I.V. * FEOJECTIN * FERRIC OXIDE, SACCHARATED * FERRIC SACCHARATE * IRON OXIDE (MIX.) * FERRIVENIN * IRON SACCHARATE * IRON SUGAR * IVIRON * NEO-FERRUM * PROFERRIN * SACCHARATED FERRIC OXIDE * SACCHARATED IRON * SUCROFER

TUMORIGENIC DATA AND REFERENCES:

2V02V10	ims-rat TDLo:148 gm/kg/74W-I	BMJOAE 1,947,59
2V03V10	scu-mus TDLo:104 gm/kg/13W-I	JNCIAM 24,109,60
3V03P62V10	scu-mus TD :150 gm/kg/I	BECCAN 40,30,62

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:180 mg/kg	NIIRDN 6,193,82

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PEXTAR 12,102,69
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 2,161,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IRON PENTACARBONYL- see: NO4900000
IRON PENTACARBONYL (DOT) see: NO4900000
IRON PERSULFATE see: NO8505000

NO8195000 IRON-POLYSACCHARIDE COMPLEX
DEF:Solution of IRON and synthetically prepared POLYSACCHARIDE of mean molecular weight of about 20,000 (BJCAAI 21,440,67)
UPDT:8411
SYN: MUSCULARON

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-mus TDLo:1000 mg(Fe)/kg/9W-I	BJCAAI 21,446,67
3V03P62V10	ims-mus TDLo:1000 mg(Fe)/kg/9W-I	BJCAAI 21,448,67
2V03V10	ims-mus TD :2000 mg(Fe)/kg/9W-I	BJCAAI 21,448,67

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:318 mg(Fe)/kg	AJMSA9 241,296,61
*	ivn-mus LD50:170 mg(Fe)/kg	AJMSA9 241,296,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IRON POLY(SORBITOL-GLUCONIC ACID) COMPLEX see: LJ6000000
IRON PROTOCHLORIDE see: NO5400000
IRON PROTOSULFATE see: NO8500000
IRON RED see: NO7400000
IRON SACCHARATE see: NO7700000

NO8230000 IRON SALTS
DEF:ANTIANEMIC TABLETS (ACHAAH 40,90,68)
UPDT:8201

TOXICITY DATA AND REFERENCES:

3H02H17L03	orl-hmn LDLo:166 mg/kg	ACHAAH 40,90,68

REVIEW AND REFERENCES:
★ TLV-TWA 1 mg/m3; STEL 2 mg/m3 — DTLVS* 4,233,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IRON SESQUICHLORIDE, solid (DOT) see: LJ9100000
IRON SESQUIOXIDE see: NO7400000
IRON SESQUIOXIDE HYDRATED see: OI7710000
IRON SESQUISULFATE see: NO8505000

NO8300000 IRON SODIUM GLUCONATE
UPDT:8401
SYN: FERRIC SODIUM GLUCONATE COMPLEX * OSMOFERRIN

TUMORIGENIC DATA AND REFERENCES:

3V02P62V10	scu-mus TDLo:3000 mg(Fe)/kg/16W-I	BJCAAI 22,521,68
2V03V10	scu-mus TD :40 gm/kg/I	BECCAN 40,30,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IRON SORBITEX see: NO8350000
IRON SORBITOL see: NY8186000

NO8350000 IRON SORBITOL CITRATE
UPDT:8207 CAS: 1338-16-5 MW: 765.29 MOLFM: C6-H14-O6 . C6-H8-O7 . xFe
SYN: ESZ * IRON SORBITEX

TOXICITY DATA AND REFERENCES:

	scu-mus LD50:140 mg/kg	ARZNAD 20,1795,70
	ivn-mus LD50:174 mg/kg	ARZNAD 20,1795,70

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL NEGATIVE — IARC** 2,161,73

IRON SUGAR see: NO7700000

NO8500000 IRON(II) SULFATE (1:1)
UPDT:8411 CAS: 7720-78-7 MW: 151.91 MOLFM: O4-S . Fe
SYN: COPPERAS * DURETTER * DUROFERON * EXSICCATED FERROUS SULFATE * EXSICCATED FERROUS SULPHATE * FEOSOL * FEOSPAN * FER-IN-SOL * FERRO-GRADUMET * FERRALYN * FERROSULFAT (German) * FERROSULFATE * FERRO-THERON * FERROUS SULFATE * FERROUS SULFATE (1:1) * FERROUS SULPHATE * FERSOLATE * GREEN VITRIOL * IRON MONOSULFATE * IRON PROTOSULFATE * IRON SULFATE (1:1) * IRON(II) SULFATE * IRON(2+) SULFATE * IRON(2+) SULFATE (1:1) * IRON VITRIOL * IROSPAN * NA 9125 (DOT) * SLOW-FE * SULFERROUS * SULFURIC ACID IRON SALT (1:1) * SULFURIC ACID, IRON(2+) SALT (1:1)

MUTATION DATA AND REFERENCES:

	dnd-omi 2 umol/L	BBRCA9 77,1150,77
	mmo-smc 100 mmol/L	MUREAV 117,149,83
	mrc-smc 100 mmol/L	MUREAV 117,149,83
	otr-ham:emb 900 umol/L	CNREA8 39,193,79
	cyt-ham:ovr 5 mmol/L	CNREA8 41,1628,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	orl-rat TDLo:7200 mg/kg (9-14D preg)	OYYAA2 17,483,79
1T02	itt-rat TDLo:12153 ug/kg (1D male)	JRPFA4 7,21,64

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-mus TDLo:1600 mg/kg/16W-I	JNCIAM 24,109,60

TOXICITY DATA AND REFERENCES:

	orl-chd LDLo:390 mg/kg	JOPDAB 64,218,64
	orl-wmn LDLo:200 mg/kg	BMJOAE 2,406,70
3A11F07F24	orl-chd TDLo:20 mg/kg	JOPDAB 94,147,79
3F24K12K13	orl-chd TDLo:150 mg/kg	NEJMAG 273,1124,65
3F07F43K13	orl-wmn TDLo:60 mg/kg	JAMAAP 229,1333,74
	unk-man LDLo:441 mg/kg	85DCAI 2,73,70
	orl-rat LD50:319 mg/kg	JOPDAB 69,663,66
*	scu-rat LD50:155 mg/kg	NIIRDN 6,888,82
	orl-mus LD50:979 mg/kg	AUPJB7 6,92,70
	ipr-mus LD50:64 mg/kg	COREAF 256,1043,63
*	scu-mus LD50:60300 ug/kg	NIIRDN 6,888,82
*	ivn-mus LD50:112 mg/kg	AJMSA9 241,296,61
*	ivn-dog LD50:79 mg/kg	AJMSA9 241,296,61
3G12H04U20	idu-rbt LDLo:200 mg/kg	TXAPA9 66,329,82
	orl-gpg LD50:1200 mg/kg	CPEDAM 5,485,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTOXAO 4,615,71; AJMEAZ 38,409,65
★ TLV-TWA 1 mg/m3; STEL 2mg/m3 — DTLVS* 4,233,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE — CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IRON SULFATE (1:1) see: NO8500000
IRON SULFATE (2:3) see: NO8505000
IRON(II) SULFATE see: NO8500000

NO8505000 IRON(III) SULFATE
UPDT:8308 CAS: 10028-22-5 MW: 399.88 MOLFM: Fe2-O12-S3
SYN: DIIRON TRISULFATE * FERRIC SULFATE * FERRIC SULFATE (DOT) * IRON PERSULFATE * IRON SESQUISULFATE * IRON SULFATE (2:3) * IRON(3+) SULFATE * IRON TERSULFATE * NA 9121 (DOT) * SULFURIC ACID, IRON(3+) SALT (3:2)

REVIEW AND REFERENCES:
★ TLV-TWA 1 mg/m3; STEL 2 mg/m3 — DTLVS* 4,233,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE — CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

IRON(2+) SULFATE see: NO8500000
IRON(2+) SULFATE (1:1) see: NO8500000
IRON(3+) SULFATE see: NO8505000

NO8510000 IRON(II) SULFATE (1:1), HEPTAHYDRATE
UPDT:8401 CAS: 7782-63-0 MW: 278.05 MOLFM: O4-S . Fe . 7H2-O

SYN: COPPERAS * FEOSOL * FER-IN-SOL * FERO-GRADUMET * FERROUS SULFATE * FESOFOR * FESOTYME * GREEN VITROL * HAEMOFORT * IRONATE * IRON VITROL * IROSUL * MOL-IRON * PRESFERSUL * SULFERROUS

MUTATION DATA AND REFERENCES:
mmo-esc 30 umol/L CIWYAO 49,144,50

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1389 mg/kg EQSSDX 1,1,75
rec-rat LDLo:697 mg/kg EQSSDX 1,1,75
orl-mus LD50:1520 mg/kg AJMSA9 230,491,55
ivn-mus LD50:51 mg/kg AJMSA9 230,491,55

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTOXAO 4,615,71

IRON TERSULFATE see: NO8505000
IRON TRICHLORIDE see: LJ9100000
IRON TRIFLUORIDE see: NO6865000
IRON TRINITRATE see: QU8915000

NO8750000 IRON, TRIS(DIMETHYLDITHIOCARBAMATO)-
UPDT:8403 CAS: 14484-64-1 MW: 416.51 MOLFM: C9-H18-N3-S6 Fe
SYN: AAFERTIS * BERCEMA FERTAM 50 * CARBAMATE * CARBAMIC ACID, DIMETHYLDITHIO-, IRON SALT * DIMETHYLCARBAMODITHIOIC ACID, IRON COMPLEX * DIMETHYLCARBAMODITHIOIC ACID, IRON(3+) SALT * DIMETHYLDITHIOCARBAMIC ACID, IRON SALT * DIMETHYLDITHIOCARBAMIC ACID, IRON(3+) SALT * EISENDIMETHYLDITHIOCARBAMAT (German) * EISEN(III) TRIS(N,N-DIMETHYLDITHIOCARBAMAT) (German) * ENT 14,689 * FERBAM * FERBAM 50 * FERBAME * FERBAM, IRON SALT * FERBECK * FERBERK * FERMATE * FERMATE FERBAM FUNGICIDE * FERMOCIDE * FERRADOW * FERRIC DIMETHYLDITHIOCARBAMATE * FUKLASIN * FUKLASIN ULTRA * HEXAFERB * HOKMATE * IRON DIMETHYLDITHIOCARBAMATE * KARBAM BLACK * KNOCKMATE * NIACIDE * SUP'R-FLO FERBAM FLOWABLE * TRIFUNGOL * TRIS(DIMETHYLCARBAMODITHIOATO-S,S')IRON * TRIS(DIMETHYLDITHIOCARBAMATO)IRON * TRIS(N,N-DIMETHYLDITHIOCARBAMATO) IRON(III) * VANCIDE FE95

MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate CSHCAL 4,267,77
mrc-bcs 2 ug/disc/24H MUREAV 40,19,76
mmo-omi 1000 ppm MMAPAP 50,233,73

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T26T34 orl-rat TDLo:1140 mg/kg (6-15D preg) TXAPA9 35,83,76
1T81 orl-rat TDLo:536 mg/kg (16-22D preg/21D post) TXAPA9 35,83,76
2T75T76 orl-rat TDLo:3479 mg/kg (16-22D preg/21D post) TXAPA9 35,83,76
3T31T34T35 scu-mus TDLo:41760 ug/kg (6-14D preg) NTIS** PB223-160

TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 orl-mus TDLo:3500 mg/kg/78W-I NTIS** PB223-159
2V01P60 scu-mus TDLo:100 mg/kg NTIS** PB223-159

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4000 mg/kg MEIEDD 10,577,83
ipr-rat LD50:2700 mg/kg JAPMA8 41,662,52
orl-mus LD50:3400 mg/kg JTEHD6 4,93,78
ipr-mus LDLo:63 mg/kg CBCCT* 4,228,52
orl-rbt LDLo:2000 mg/kg JAPMA8 41,662,52
ipr-rbt LDLo:200 mg/kg JAPMA8 41,662,52
orl-gpg LDLo:450 mg/kg JAPMA8 41,662,52
ipr-gpg LDLo:700 mg/kg JAPMA8 41,662,52

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 12,121,76
★ TLV-TWA 10 mg/m3; STEL 20 mg/m3 DTLVS* 4,192,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 15 mg/m3 (SCP-V) FEREAC 39,23540,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IRON VITRIOL see: NO8500000
IRON VITROL see: NO8510000
IROQUINE see: VB2360000
IROSPAN see: NO8500000
IROSUL see: NO8510000
IROX (GADOR) see: LZ5150000
IRRADIATED ERGOSTA-5,7,22-TRIEN-3-beta-OL see: KE1050000
IRRATHENE R see: TQ3325000
IRRIDOMYRMERCIN see: GY5836200
IRTRAN 1 see: OM3325000
IRTRAN 3 see: EW1760000
IRTRAN 6 see: EV3330000
330 I.S. see: GA4889000
IS 401 see: AG6475000
621 I.S. see: AB7420000
1226 I.S. see: AB7397000
2341 I.S. see: UG2975000
2466 I.S. see: UG3675000
ISACTID see: GM7900000
ISADRINE see: DO1925000
dl-ISADRINE see: DO1750020
ISADRINE-HYDROCHLORIDE see: DO1925000
dl-ISADRINE HYDROCHLORIDE see: DO1930000
ISALIZINA see: NS1225000
ISAMID see: BP0693200
ISAMIN see: SI1750000
ISAMIN see: UT0875000
ISARIOTOXIN see: YD0100000
ISAROL see: DA9520000
ISATEX see: NM3250000
ISATIC ACID LACTAM see: NL7873000
ISATIDINE see: VH7700000
ISATIN see: NL7873000
ISATIN-1-(N)-ACTAMID (German) see: NM1890300
ISATIN, 5-BROMO- see: NL7875000
ISATINIC ACID ANHYDRIDE see: NL7873000
ISATIN-3-OXIME see: NL7980000
ISATIN-i-PROPYLIMIN (German) see: NM2208500
ISATIN-n-PROPYLIMIN (German) see: NM2209700
ISAXONINE PHOSPHATE see: UV6261100 2-PYRIMIDINAMINE, N-(1-METHYLETHYL)-, PHOSPHATE (1:1)
ISAXORINE see: UV6261100 2-PYRIMIDINAMINE, N-(1-METHYLETHYL)-, PHOSPHATE (1:1)
ISAZOPHOS see: TE7750000
ISCEON 22 see: PA6390000
ISCEON 122 see: PA8200000
ISCEON 131 see: PB6125000
ISCHELIUM see: KE8800000
ISCOBROME see: PA4900000
ISCOBROME D see: KH9275000
ISCOTHAN see: GQ5775000
ISCOTHANE see: GQ5775000
ISCOTIN see: NS1750000
ISCOVESCO see: WJ5600000
I-SEDRIN see: KB0700000
ISETHION see: MC0556000
ISF 2001 see: QF1790000
ISF 2469 see: MV1720400
ISICAINA see: AN7525000
ISICAINE see: AN7525000
ISICAINE HYDROCHLORIDE see: AN7600000
ISICETIN see: AB6825000
ISIDRINA see: NS1750000
ISINDONE see: MU6645000
ISKIA-C see: CI7671000
ISLANDITOXIN see: GU2100000

NP1460000 ISLET ACTIVATING PROTEIN
DEF: An active substance purified from the culture medium of BORDETELLA PERTUSSIS(TJEMAO 130,105,80)
UPDT:8310
SYN: IAP

TOXICITY DATA AND REFERENCES:
3D17F17U01 ivn-rat LD50:114 ug/kg TJEMAO 130,105,80
3D17F17U01 ivn-mus LD50:127 ug/kg TJEMAO 130,105,80

ISMAZIDE see: NS1750000
ISMELIN see: MF2975000
ISMELIN see: MF3240000
ISMELIN SULFATE see: MF3240000
ISMICETINA see: AB6825000
ISOACETOPHORONE see: GW7700000
ISOALLOXAZINE, 7,8-DIMETHYL-10-D-RIBITYL- see: VJ1400000
ISOALLOXAZINE, 7,8-DIMETHYL-10-(D-RIBO-2,3,4,5-TETRAHYDROXYPENTYL)- see: VJ1400000
ISOAMIDONE I HYDROCHLORIDE see: MP1750000
ISOAMIDONE NITRATE see: MP3405000
ISOAMIN see: SI1750000
ISOAMYCIN see: SH9450000
ISOAMYL ACETATE see: NS9800000
ISOAMYL ALCOHOL see: EL5425000
ISOAMYL ALCOHOL (DOT) see: EL5425000
ISOAMYL ALKOHOL (Czech) see: EL5425000
ISO-AMYLALKOHOL (German) see: EL5425000
ISOAMYL BENZOATE see: DH3078000
ISOAMYL BENZYL ETHER see: KM9620000
1-ISOAMYLBIGUANIDE MONOHYDROCHLORIDE see: DU1969000
ISOAMYL BROMIDE see: EJ6230000
ISOAMYL BUTANOATE see: ET5034000
ISOAMYL BUTYLATE see: ET5034000
ISOAMYL BUTYRATE see: ET5034000
ISOAMYL-n-BUTYRATE see: ET5034000
ISOAMYL CAPROATE see: MO8389300
ISOAMYL CAPRYLATE see: RH0770000
ISOAMYL CYANIDE see: YV8588000
ISOAMYL 2-CYANOACRYLATE see: AS6920000
ISOAMYLDICHLOROARSINE see: CH4025000
ISOAMYL alpha-(N-(beta-DIETHYLAMINOETHYL))-AMINOPHENYLACETATE see: MB9625000
ISOAMYL N-(beta-DIETHYLAMINOETHYL)-alpha-AMINOPHENYLACETATE see: MB9625000
ISOAMYLENE see: EM7520000
beta-ISO-AMYLENE see: EM7650000
ISOAMYLENE ALCOHOL see: SA0490000
beta-ISOAMYLENE OXIDE see: EK3860000
4-(beta-ISOAMYLENYL)-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE see: UQ8530000
ISOAMYL ETHANOATE see: NS9800000
5-ISOAMYL-5-ETHYLBARBITURIC ACID, SODIUM DERIV see: CQ5250000
ISOAMYL FORMATE see: NT0185000
ISOAMYL FORMATE (DOT) see: NT0185000
ISOAMYL GERANATE see: RG5385000
ISOAMYL HEXANOATE see: MO8389300
ISOAMYLHYDRIDE see: EK4430000
ISOAMYLHYDROCUPREINE see: MW6650000
ISOAMYL o-HYDROXYBENZOATE see: VO4375000
ISOAMYL IODIDE see: EK4412000 BUTANE, 1-IODO-3-METHYL-
ISOAMYL ISOVALERATE see: NY1508000
ISOAMYL METHANOATE see: NT0185000
ISOAMYL METHYL KETONE see: MP3850000
ISOAMYLNITRILE see: NY1750000
ISOAMYL OCTANOATE see: RH0770000
ISOAMYLOL see: EL5425000
ISOAMYL PHENYLACETATE see: AJ2945000
ISOAMYL PHENYLAMINOACETATE HYDROCHLORIDE see: MC0840000
ISOAMYL POTASSIUM XANTHATE see: FG1582000
ISOAMYL SALICYLATE see: VO4375000
ISOAMYNE see: SI1750000
ISOANETHOLE see: BZ8225000
ISOBAC 20 see: SM0750000
ISOBAC 20 see: SM0700000
ISOBAMATE see: FB3325000
ISOBARB see: CQ6125000
ISOBEBEERIN see: GT8815000
ISOBEBEERINE see: GT8815000
ISOBENZAMIC ACID see: AY3170000
ISOBENZAN see: PC1225000

NP6600000 5-ISOBENZOFURANCARBOXYLIC ACID, 1,3-DIHYDRO-1,3-DIOXO-, 2-((2-METHYL-1-OXO-2-PROPENYL)OXY) ETHYL ESTER
UPDT:8309 CAS: 70293-55-9 MW: 304.27 MOLFM: C15-H12-O7
SYN: 4-META * 4-METHACRYLOXYETHYL TRIMELLITATE ANHYDRIDE

TOXICITY DATA AND REFERENCES:
2F07K30 ipr-rat LD50:987 mg/kg SHIGAZ 67,334,79
2F07K30 ipr-mus LD50:652 mg/kg SHIGAZ 67,334,79

ISOBENZOFURAN, 1,3-DIHYDRO-1,3-DIOXO- see: TI3150000
1,3-ISOBENZOFURANDIONE see: TI3150000
1,3-ISOBENZOFURANDIONE, 4,5,6,7-TETRACHLORO- (9CI) see: TI3450000
1,3-ISOBENZOFURANDIONE, 3a,4,7,7a-TETRAHYDRO- see: GW5775000
1,3-ISOBENZOFURANDIONE, 3a,4,7,7a-TETRAHYDROMETHYL- see: TI3325000
1(3H)-ISOBENZOFURANONE, 3,3-BIS(4-HYDROXYPHENYL)- see: SM8380000
1(3H)-ISOBENZOFURANONE, 3-((DIBUTYLAMINO)METHYL)-4,5,6-TRIHYDROXY- (9CI) see: TI3696000
1(3H)-ISOBENZOFURANONE, 3-((DIBUTYLAMINO)METHYL)-4,5,6-TRIHYDROXY-, HYDROCHLORIDE (9CI) see: TI3696500

NP7225000 1(3H)ISOBENZOFURANONE, 6,7-DIMETHOXY-3-(5,6,7,8-TETRAHYDRO-4-METHOXY-6-METHYL-1,3-DIOXOLO(4,5-g)ISOQUINOLIN-5-YL-, HYDROCHLORIDE, (S-(R*,S*))-
UPDT:8412 CAS: 912-60-7 MW: 449.92 MOLFM: C22-H23-N-O7 Cl-H

SYN: CAPVAL HYDROCHLORIDE * COSCOPIN HYDROCHLORIDE * COSLOTABS HYDROCHLORIDE * KEY-TUSSCAPINE HYDROCHLORIDE * LONGATIN HYDROCHLORIDE * LYOBEX HYDROCHLORIDE * METHOXYHYDRASTINE HYDROCHLORIDE * NARCOMPREN HYDROCHLORIDE * NARCOSINE HYDROCHLORIDE * NARCOTINE, HYDROCHLORIDE (8CI) * 1-alpha-NARCOTINE HYDROCHLORIDE * NECTADON HYDROCHLORIDE * NOSCAPINE HYDROCHLORIDE * NSC 5366 HYDROCHLORIDE * OPIAN HYDROCHLORIDE * OPIANINE HYDROCHLORIDE * TERBENOL HYDROCHLORIDE * TUSSCAPINE HYDROCHLORIDE * VADEBEX HYDROCHLORIDE

MUTATION DATA AND REFERENCES:
cyt-ham:fbr 60 mg/L ESKHAS 96,55,78
cyt-ham:lng 60 mg/L GMCRDC 27,95,81

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:853 mg/kg YKKZAJ 81,226,61
* scu-mus LD50:1350 mg/kg YKKZAJ 81,266,61
* ivn-mus LD50:83 mg/kg 85ESA3 9,872,76
ivn-dog LDLo:80 mg/kg ARZNAD 19,1916,69
* ivn-gpg LDLo:83 mg/kg AIPTAK 119,205,59

NP7235000 1(3H)-ISOBENZOFURANONE, 3-PROPYLIDENE-
UPDT:8305 CAS: 17369-59-4 MW: 174.21 MOLFM: C11-H10-O2
SYN: PROPYLIDENE PHTHALIDE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,865,78

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1650 mg/kg FCTXAV 16,865,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NP7250200 1(3H)-ISOBENZOFURANONE, 6,7-DIMETHOXY-3-(5,6,7,8-TETRAHYDRO-4-METHOXY-6-METHYL-1,3-DIOXOLO (4,5-g)ISOQUINOLIN-5-YL)-, N-OXIDE, HYDROCHLORIDE, (S-(R*,S*))-
UPDT:8412 MW: 465.92 MOLFM: C22-H23-N-O8 Cl-H

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1740 mg/kg YKKZAJ 81,266,61
* scu-mus LD50:1450 mg/kg YKKZAJ 81,266,61
* ivn-mus LD50:647 mg/kg YKKZAJ 81,266,61

ISOBICINA see: NS1750000
ISOBIDE see: LZ4380000
ISO-BNU see: YT5320000
ISOBORNEOL see: NP7300000

NP7300000 ISOBORNEOL, DL-
UPDT:8305 CAS: 124-76-5 MW: 154.28 MOLFM: C10-H18-O
SYN: BICYCLO(2.2.1)HEPTAN-2-OL, 1,7,7-TRIMETHYL-, exo- * ISOBORNEOL * DL-ISOBORNEOL * ISOBORNYL ALCOHOL * ISOCAMPHOL

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,531,79

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5200 mg/kg FCTXAV 17,531,79
* ivn-mus LD50:56 mg/kg CSLNX* NX#03209

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DL-ISOBORNEOL see: NP7300000
ISOBORNEOL, THIOCYANATOACETATE see: AJ6300000
ISOBORNYL ALCOHOL see: NP7300000
ISOBORNYL THIOCYANATOACETATE see: AJ6300000
ISOBORNYL THIOCYANOACETATE see: AJ6300000
ISOBROMYL see: YS3150000
ISOBUTANAL see: NQ4025000
ISOBUTANE (DOT) see: TZ4300000
ISOBUTANOL see: NP9625000
ISOBUTANOLAMINE see: UA5950000
ISOBUTANOL-2-AMINE see: UA5950000
ISOBUTANOL (DOT) see: NP9625000
ISOBUTARSAMIDE see: CF9470000
ISOBUTAZINA see: UQ8400000
ISOBUTENAL see: OZ2625000
ISOBUTENE see: UD0890000
ISOBUTENE, OCTAFLUORO- see: UD1800000
ISOBUTENE TRIMER see: UD1150000
ISOBUTENYL CHLORIDE see: UC8050000
ISOBUTENYL METHYL KETONE see: SB4200000
ISOBUTIL see: UQ8400000
beta-ISOBUTOXYACROLEIN see: AS2060000
3-ISOBUTOXYACROLEIN see: AS2060000
4-ISOBUTOXYBENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DD3750000
1-(p-ISOBUTOXYBENZYL)HYDROURACIL see: MX8950000
1-(p-ISOBUTOXYBENZYL)-2-THIOHYDROURACIL see: MX8951000
2-ISOBUTOXYETHANOL see: KL3850000
ISOBUTOXY-2-ETHOXY-2-ETHANOL see: KL4025000
2-(2-ISOBUTOXYETHOXY)ETHANOL see: KL4025000
1-(alpha-ISOBUTOXYETHYL)INDOLE see: NL9100000
3-ISOBUTOXY-2-PROPYLAMINE SULFATE see: UI3326000
3-ISOBUTOXY-2-PYRROLIDINO-N-PHENYL-N-BENZYLPROPYLAMINE HYDROCHLORIDE HYDRATE see: UY11620001-PYRROLIDINEETHANAMINE, beta-((2-METHYLPROPOXY)METHYL)-N-PHENYL-N-(PHENYLMETHYL)-,MONOHYDROCHLORIDE, MONOHYDRATE
ISOBUTYL ACETATE see: AI4025000
ISOBUTYL ACETATE (DOT) see: AI4025000
N-ISOBUTYL-N-(ACETOXYMETHYL)NITROSAMINE see: AI4100000
ISOBUTYL ACRYLATE see: AT2100000
ISOBUTYL ACRYLATE, inhibited (DOT) see: AT2100000
N-ISOBUTYL-1-ADAMANTANAMINE HYDROCHLORIDE see: AU4375200
ISOBUTYL ADIPATE see: AV1480000

NP9625000 ISOBUTYL ALCOHOL
UPDT:8407 CAS: 78-83-1 MW: 74.14 MOLFM: C4-H10-O
SYN: ALCOOL ISOBUTYLIQUE (French) * FERMENTATION BUTYL ALCOHOL * 1-HYDROXYMETHYLPROPANE * ISOBUTANOL * ISOBUTANOL (DOT) * ISOBUTYLALKOHOL (Czech) * ISOPROPYLCARBINOL * 2-METHYL PROPANOL * 2-METHYL-1-PROPANOL * 2-METHYLPROPAN-1-OL * 2-METHYLPROPYL ALCOHOL * 1-PROPANOL, 2-METHYL- * RCRA WASTE NUMBER U140 * UN 1212 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,35,72
eye-rbt 2 mg open SEV AMIHBC 10,61,54

MUTATION DATA AND REFERENCES:
mmo-esc 25000 ppm ABMGAJ 23,843,69
cyt-smc 20 mmol/tube HEREAY 33,457,47

TUMORIGENIC DATA AND REFERENCES:
3V03R60P61 orl-rat TDLo:29 gm/kg/71W-I ARGEAR 45,19,75
3V01K60L60 scu-rat TDLo:9 gm/kg/78W-I ARGEAR 45,19,75

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2460 mg/kg AMIHBC 10,61,54
* ihl-rat LCLo:8000 ppm/4H AMIHBC 10,61,54
* ivn-mus LD50:609 mg/kg AIPTAK 135,330,62
ivn-cat LDLo:18 mg/kg JPETAB 16,1,20
orl-rbt LDLo:3750 mg/kg JLCMAK 10,985,25
* skn-rbt LD50:4240 mg/kg AMIHBC 10,61,54

REVIEW AND REFERENCES:
★ TLV-TWA 50 ppm; STEL 75 ppm DTLVS* 4,235,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm (SCP-E) FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1401
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ISOBUTYLALDEHYDE see: NQ4025000
ISOBUTYLALKOHOL (Czech) see: NP9625000
3-ISOBUTYLAMIDINO-1-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE see: YT1461800

NP9900000 ISOBUTYLAMINE
UPDT:8308 CAS: 78-81-9 MW: 73.16 MOLFM: C4-H11-N
SYN: 1-AMINO-2-METHYLPROPANE * ISOBUTYLAMINE (DOT) * MONOISOBUTYLAMINE * UN 1214 (DOT) * VALAMINE

TOXICITY DATA AND REFERENCES:
3F12F19F25 orl-rat LD50:228 mg/kg TXAPA9 63,150,82

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ISOBUTYLAMINE, N,N-BIS(2-CHLOROETHYL)-, HYDROCHLORIDE see: UH9875000
ISOBUTYLAMINE (DOT) see: NP9900000
2-(ISOBUTYLAMINO)ETHANOL m-AMINOBENZOATE HYDROCHLORIDE see: KL4374900
2-ISOBUTYLAMINOETHANOL HYDROCHLORIC ACID SALT, p-AMINOBENZOIC ACID ESTER see: KL4375000
2-(ISOBUTYLAMINO)ETHYL p-AMINOBENZOATE HYDROCHLORIDE see: KL4375000
2-(ISOBUTYLAMINO)-2-METHYL-1-PROPANOL BENZOATE HYDROCHLORIDE see: UB6796500
3-(3-(ISOBUTYLAMINO)PROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6277000
1-ISOBUTYLBIGUANIDE MONOHYDROCHLORIDE see: DU1965000
ISOBUTYLBIS(2-CHLOROETHYL)AMINE HYDROCHLORIDE see: UH9875000
ISOBUTYL BROMIDE see: TX4140000
ISOBUTYL BUTANOATE see: ET5020000
3-ISOBUTYL-6-sec-BUTYL-2-HYDROXYPYRAZINE 1-OXIDE see: CI9625000
ISOBUTYL BUTYRATE see: ET5020000
ISOBUTYL-n-BUTYRATE see: ET5020000
ISOBUTYL CAPROATE see: MO8389000
1-ISOBUTYLCARBAMOYL-IMIDAZOLIN-2-ONE see: NJ5000000
ISOBUTYLCARBINOL see: EL5425000
ISOBUTYL CELLOSOLVE see: KL3850000
ISOBUTYL CINNAMATE see: GD9550000
ISOBUTYL CYANOACETATE see: AG4250000
(E,E)-N-ISOBUTYL-2,4-DECADIENAMIDE see: HD3510500
N-ISOBUTYLDECA-trans-2,trans-4-DIENAMIDE see: HD3510500
2-((1-ISOBUTYL-3,5-DIMETHYLHEXYL)OXY)ETHANOL see: KL4550000
ISOBUTYLENE see: UD0890000
ISOBUTYLENE (DOT) see: UD0890000
ISOBUTYLENE CHLORIDE see: UC8410000 PROPENE, 1,2-DICHLORO-2-METHYL-
ISOBUTYL ESTER of SERPENTINIC ACID see: RP5776700
ISO-BUTYL FORMATE see: LQ8650000
ISOBUTYL FORMATE (DOT) see: LQ8650000
ISOBUTYL-2-FURANPROPIONATE see: LU5755000
ISOBUTYL FURYLPROPIONATE see: LU5755000
ISOBUTYL HEPTANOATE see: MJ2295000
ISOBUTYL HEPTYLATE see: MJ2295000
ISOBUTYL HEXANOATE see: MO8389000
p-ISOBUTYLHYDRATROPIC ACID see: MU6640000
4-ISOBUTYLHYDRATROPIC ACID see: MU6640000
p-ISOBUTYLHYDRATROPIC ACID SODIUM SALT see: MU6641000
ISOBUTYL o-HYDROXYBENZOATE see: VO4320000
ISOBUTYL p-HYDROXYBENZOATE see: DH2247000
ISOBUTYL 4-HYDROXYBENZOATE see: DH2247000
ISOBUTYL ISOBUTYRATE see: NQ5250000
ISOBUTYLISOBUTYRATE (DOT) see: NQ5250000
ISOBUTYL ISOCYANATE see: NQ9208000
ISOBUTYL ISOCYANATE (DOT) see: NQ9208000
ISOBUTYL ISOPENTANOATE see: NY1506000
ISOBUTYL ISOVALERATE see: NY1506000
ISOBUTYL KETONE see: MJ5775000
ISOBUTYL LINALOL see: HD3511000
ISOBUTYL METHACRYLATE see: OZ4900000
ISOBUTYL alpha-METHACRYLATE see: OZ4900000
ISOBUTYL METHACRYLATE, inhibited (DOT) see: OZ4900000
5-ISOBUTYL-2-p-METHOXYBENZENESULFONAMIDO-1,3,4-THIADIAZOLE see: DB2780000
5-(p-ISOBUTYL-alpha-METHYLBENZYL)-1H-TETRAZOLE see: XF7472300
2-(ISOBUTYL-3-METHYLBUTOXY)ETHANOL see: SA6950000
2-(2-(1-ISOBUTYL-3-METHYLBUTOXY)ETHOXY)ETHANOL see: KL4725000
ISOBUTYLMETHYLCARBINOL see: SA7350000
ISOBUTYL-METHYLKETON (Czech) see: SA9275000
ISOBUTYL METHYL KETONE see: SA9275000
ISOBUTYL METHYL KETONE PEROXIDE see: SA9105550
ISOBUTYLMETHYLMETHANOL see: SA7350000
4-ISOBUTYL-4-METHYL-2-OXETANONE see: RQ7750000
ISOBUTYL NITRITE see: RA0805000
N-ISOBUTYL-N'-NITRO-N-NITROSOGUANIDINE see: MF3628000
1-ISOBUTYL-3-NITRO-1-NITROSOGUANIDINE see: MF3628000
N-ISOBUTYL-N-NITROSOUREA see: YT5320000
1-ISO-BUTYL-1-NITROSOUREA see: YT5320000
N-ISOBUTYLPALMITAMIDE see: RT4190000
(p-ISOBUTYLPHENYL)ACETIC ACID see: AI4200000
4-ISOBUTYLPHENYLACETIC ACID see: AI4200000
2-(4-ISOBUTYLPHENYL)BUTYRIC ACID see: ET5030000
alpha-ISOBUTYL-alpha-PHENYL-1-PIPERIDINEBUTYRAMIDE OXALATE see: TM5073700
alpha-ISOBUTYL-alpha-PHENYL-1-PIPERIDINEBUTYRONITRILE OXALATE see: TM5675000
2-(4-ISOBUTYLPHENYL)PROPANOIC ACID see: MU6640000
alpha-p-ISOBUTYLPHENYLPROPIONIC ACID see: MU6640000
alpha-(4-ISOBUTYLPHENYL)PROPIONIC ACID see: MU6640000
2-(p-ISOBUTYLPHENYL)PROPIONIC ACID see: MU6640000
(-)-2-(p-ISOBUTYLPHENYL)PROPIONIC ACID 2-PYRIDYLMETHYL ESTER see: UF5010100
(-)-2-(p-ISOBUTYLPHENYL)PROPIONIC ACID 2-PYRIDYLMETHYL ESTER see: UF5010200
2-(p-ISOBUTYLPHENYL)PROPIONIC ACID 2-PYRIDYLMETHYL ESTER see: CY1678800
ISOBUTYL POTASSIUM XANTHATE see: FG1581000
ISOBUTYL PROPENOATE see: AT2100000

ISOBUTYL 2-PROFENOATE see: AT2100000
ISOBUTYL PROPIONATE see: UF4930000
ISOBUTYL PROPIONATE (DOT) see: UF4930000
alpha-ISOBUTYLQUINOLINE see: VC0245000
2-ISOBUTYLQUINOLINE see: VC0245000
ISOBUTYL SALICYLATE see: VO4320000
4-(ISOBUTYLSULFONYL)-1-METHYL-4-PHENYLPIPERIDINE HYDROCHLORIDE see: TN0404400
1-(4-(ISOBUTYL)-2-THIAZOLYL)HYDANTOIN see: MU2492300
p-ISOBUTYL-alpha-TOLUIC ACID see: AI4200000
ISOBUTYLTRIMETHYLMETHANE see: SA3320000
ISOBUTYL VINYL ETHER see: KO1300000
ISOBUTYRALDEHYD (Czech) see: NQ4025000

NQ4025000 ISOBUTYRALDEHYDE
UPDT:8412 CAS: 78-84-2 MW: 72.12 MOLFM: C4-H8-O
SYN: ISOBUTANAL * ISOBUTYRALDEHYD (Czech) * ISOBUTYRALDEHYDE (DOT) * ISOBUTYLALDEHYDE * ISOBUTYRIC ALDEHYDE * 2-METHYLPROPANAL * 2-METHYL-1-PROPANAL * 2-METHYLPROPIONALDEHYDE * NCI-C60968 * PROPANAL, 2-METHYL- * PROPIONALDEHYDE, 2-METHYL- * UN 2045 (DOT) * VALINE ALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-rbt 397 mg open MLD UCDS** 11/3/71
skn-rbt 500 mg/24H SEV 28ZPAK -,41,72
eye-rbt 20 mg open SEV AMIHBC 10,61,54
eye-rbt 100 mg/24H SEV 28ZPAK -,41,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2810 mg/kg 28ZPAK -,41,72
* ihl-rat LCLo:8000 ppm/4H AMIHBC 10,61,54
* ihl-mus LC50:39500 mg/m3/2H 85GMAT -,77,82
* skn-rbt LD50:7130 mg/kg AMIHBC 10,61,54
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

ISOBUTYRALDEHYDE (DOT) see: NQ4025000
3-ISOBUTYRAMIDO-2,4,6-TRIIODOBENZOIC ACID see: DH3074500

NQ4375000 ISOBUTYRIC ACID
UPDT:8312 CAS: 79-31-2 MW: 88.12 MOLFM: C4-H8-O2
SYN: ACETIC ACID, DIMETHYL- * DIMETHYLACETIC ACID * ISOBUTYRIC ACID (DOT) * ISOPROPYLFORMIC ACID * alpha-METHYLPROPIONIC ACID * 2-METHYLPROPANOIC ACID * 2-METHYLPROPIONIC ACID * PROPIONIC ACID, 2-METHYL- * UN 2529 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 139 ug/24H open AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:280 mg/kg AIHAAP 23,95,62
1R10 skn-rbt LD50:500 mg/kg AIHAAP 23,95,62
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 21,100,60
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NQ4550000 ISOBUTYRIC ACID, BENZYL ESTER
UPDT:8305 CAS: 103-28-6 MW: 178.25 MOLFM: C11-H14-O2
SYN: BENZYL ISOBUTYRATE * BENZYL 2-METHYL PROPIONATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2850 mg/kg FCTXAV 11,1023,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ISOBUTYRIC ACID CHLORIDE see: NQ5630000

NQ4558000 ISOBUTYRIC ACID, CINNAMYL ESTER
UPDT:8305 CAS: 103-59-3 MW: 204.29 MOLFM: C13-H16-O2
SYN: CINNAMYL ISOBUTYRATE * 2-METHYL-PROPANOIC ACID, 3-PHENYL-2-PROPENYL ESTER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 17,523,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ISOBUTYRIC ACID, 3,7-DIMETHYL-2,6-OCTADIENYL ESTER, trans- see: UF5610000

NQ4610000 ISOBUTYRIC ACID, 1,5-DIMETHYL-1-VINYL-4-HEXENYL ESTER
UPDT:8305 CAS: 78-35-3 MW: 224.38 MOLFM: C14-H24-O2
SYN: 3,7-DIMETHYL-1,6-OCTADIEN-3-YL ISOBUTYRATE * LINALOOL ISOBUTYRATE * LINALYL ISOBUTYRATE * 1,6-OCTADIEN-3-OL, 3,7-DIMETHYL-, ISOBUTYRATE
TOXICITY DATA AND REFERENCES:
3F07F13R21 orl-mus LD50:15100 mg/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ISOBUTYRIC ACID (DOT) see: NQ4375000

NQ4675000 ISOBUTYRIC ACID, ETHYL ESTER
UPDT:8312 CAS: 97-62-1 MW: 116.18 MOLFM: C6-H12-O2
SYN: ETHYL ISOBUTANOATE * ETHYL ISOBUTYRATE * ETHYLISOBUTYRATE (DOT) * ETHYL 2-METHYLPROPANOATE * ETHYL 2-METHYLPROPIONATE * PROPIONIC ACID, 2-METHYL-, ETHYL ESTER * UN 2385 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,741,78
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg FCTXAV 16,741,78
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NQ4695000 ISOBUTYRIC ACID, HEXYL ESTER
UPDT:8401 CAS: 2349-07-7 MW: 172.30 MOLFM: C10-H20-O2
SYN: HEXYL ISOBUTANOATE * n-HEXYL ISOBUTANOATE * HEXYL ISOBUTYRATE * n-HEXYL ISOBUTYRATE * 1-HEXYL ISOBUTYRATE * PROPANOIC ACID, 2-METHYL-, HEXYL ESTER (9CI)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),719,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NQ5250000 ISOBUTYRIC ACID, ISOBUTYL ESTER
UPDT:8312 CAS: 97-85-8 MW: 144.24 MOLFM: C8-H16-O2
SYN: ISOBUTYL ISOBUTYRATE * ISOBUTYLISOBUTYRATE (DOT) * 2-METHYLPROPYL ISOBUTYRATE * 2-METHYLPROPYL ISOBUTYRATE * PROPANOIC ACID, 2-METHYL-, 2-METHYLPROPYL ESTER (9CI) * UN 2528 (DOT)
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:12800 mg/kg FCTXAV 16,337,78
ihl-rat LCLo:5000 ppm/6H KODAK* 21MAY71
* orl-mus LDLo:12800 mg/kg FCTXAV 16,337,78
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NQ5320000 ISOBUTYRIC ACID, ISOPROPYL ESTER
UPDT:8312 CAS: 617-50-5 MW: 130.21 MOLFM: C7-H14-O2
SYN: ISOPROPYL ISOBUTYRATE * ISOPROPYL ISOBUTYRATE (DOT) * ISOPROPYL 2-METHYLPROPANOATE * PROPANOIC ACID, 2-METHYL-, 1-METHYLETHYL ESTER (9CI) * UN 2406 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

NQ5425000 ISOBUTYRIC ACID, METHYL ESTER
UPDT:8408 CAS: 547-63-7 MW: 102.15 MOLFM: C5-H10-O2
SYN: METHYL ISOBUTYRATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:16000 mg/kg 14CYAT 2,1879,63
ipr-rat LDLo:3200 mg/kg 14CYAT 2,1867,63
* ihl-mus LC50:25500 mg/kg 85GMAT -,84,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NQ5430000 ISOBUTYRIC ACID, 3-METHYL-2-(4-PHENYL-1,3-BUTADIENYL)-4-PIPERIDYL ESTER, (E,E)-trans-2,3-trans-2,4-
UPDT:8309 CAS: 27542-56-7 MW: 313.48 MOLFM: C20-H27-N-O2
SYN: DIENOMYCIN A * 4-ISOBUTYROYLOXY-3-METHYL-2-(4-PHENYLBUTADIENYL)PIPERIDINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:90 mg/kg 85ERAY 1,819,78

NQ5435000 ISOBUTYRIC ACID, PHENETHYL ESTER
UPDT:8305 CAS: 103-48-0 MW: 192.28 MOLFM: C12-H16-O2
SYN: BENZYLCARBINOL ISOBUTYRATE * BENZYLCARBINYL ISOBUTYRATE * PHENETHYL ISOBUTYRATE * PHENYLETHYL ISOBUTYRATE * beta-PHENYLETHYL ISOBUTYRATE * 2-PHENYLETHYL ISOBUTYRATE * 2-PHENYLETHYL 2-METHYLPROPIONATE * PROPANOIC ACID, 2-METHYL-, 2-PHENYLETHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5200 mg/kg FCTXAV 16,847,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NQ5440000 ISOBUTYRIC ACID, 3-PHENYLPROPYL ESTER
UPDT:8305 CAS: 103-58-2 MW: 206.31 MOLFM: C13-H18-O2
SYN: HYDROCINNAMYL ISOBUTYRATE * 3-PHENYLPROPYL ISOBUTYRATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 16,851,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NQ5460000 ISOBUTYRIC ACID, p-TOLYL ESTER
UPDT:8305 CAS: 103-93-5 MW: 178.25 MOLFM: C11-H14-O2
SYN: p-CRESYL ISOBUTYRATE * PARACRESYL ISOBUTYRATE * p-TOLYL ISOBUTYRATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4000 mg/kg FCTXAV 13,773,75
* skn-rbt LD50:3970 mg/kg FCTXAV 13,773,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ISOBUTYRIC ACID, 2,2,4-TRIMETHYL-1,3-PENTANEDIOL MONOESTER, mixed isomers see: SA1435000
ISOBUTYRIC ALDEHYDE see: NQ4025000

NQ5550000 ISOBUTYRIC ANHYDRIDE
UPDT:8312 CAS: 97-72-3 MW: 158.22 MOLFM: C8-H14-O3
SYN: ISOBUTYRIC ANHYDRIDE (DOT) * UN 2530 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ISOBUTYRIC ANHYDRIDE (DOT) see: NQ5550000
ISOBUTYRONITRILE see: TZ4900000
ISOBUTYRONITRILE (DOT) see: TZ4900000
ISOBUTYROYL CHLORIDE see: NQ5630000
4-ISOBUTYROYLOXY-3-METHYL-2-(4-PHENYLBUTADIENYL)PIPERIDINE see: NQ5430000
ISOBUTYROYL PEROXIDE see: NQ5700400

NQ5630000 ISOBUTYRYL CHLORIDE
UPDT:8401 CAS: 79-30-1 MW: 106.56 MOLFM: C4-H7-Cl-O
SYN: ISOBUTYRIC ACID CHLORIDE * ISOBUTYROYL CHLORIDE * ISOBUTYRYL CHLORIDE (DOT) * 2-METHYLPROPANOYL CHLORIDE * 2-METHYLPROPIONYL CHLORIDE * PROPANOYL CHLORIDE, 2-METHYL- (9CI) * UN 2395 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ISOBUTYRYL CHLORIDE (DOT) see: NQ5630000

NQ5700400 ISOBUTYRYL PEROXIDE, not more than 52% in solution
UPDT:8401 CAS: 3437-84-1 MW: 174.22 MOLFM: C8-H14-O4
SYN: DIISOBUTYRYL PEROXIDE * DIISOBUTYRYL PEROXIDE (DOT) * ISOBUTYROYL PEROXIDE * ISOBUTYRYL PEROXIDE, maximum concentration 52% in solution (DOT) * PEROXIDE, BIS(2-METHYL-1-OXOPROPYL) * UN 2182 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ISOBUTYRYL PEROXIDE, maximum concentration 52% in solution (DOT) see: NQ5700400
3-ISOBUTYRYLAMINO-2,4,6-TRIIODOBENZOIC ACID see: DH3074500
ISOBUZOLE see: DB2780000
ISOCAINE see: TN3325000
ISOCAINE-ASID see: DG2275000
ISOCAINE (ISO-SOL. Co.) BASE see: TN3320000
ISOCAINE-HEISLER see: DG2275000
ISOCAMPHANYL CYCLOHEXANOL (mixed isomers) see: GW0878000
ISOCAMPHOL see: NP7300000
ISOCAMPHYL CYCLOHEXANOL (mixed isomers) see: GW0878000
ISOCAPRONITRILE see: YV8588000
ISOCARAMIDINE SULFATE see: NW7010000
ISOCARB see: FC3150000
ISOCARBAMID see: NJ5000000
ISOCHINOL see: NW6950000
ISOCHLOORTHION (Dutch) see: TE7875000
ISOCHLORTHION see: TE7875000
ISOCHONDODENDRIN see: GT8815000
ISOCHONDODENDRINE see: GT8815000
6-ISOCHONDODENDRINE see: GT8815000
(R,R)-ISOCHONDODENDRINE see: GT8815000
ISOCHONDRODENDRINE see: GT8815000

NQ7185000 8-ISOCHROMANOL, 3,7-DIMETHYL-6-METHOXY-
UPDT:8406 CAS: 70080-82-9 MW: 208.28 MOLFM: C12-H16-O3
SYN: 3,7-DIMETHYL-8-HYDROXY-6-METHOXYISOCHROMAN * 3,7-DIMETHYL-6-METHOXY-8-ISOCHROMANOL
TOXICITY DATA AND REFERENCES:
* orl-ckn LD50:800 mg/kg JAFCAU 27,999,79

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

ISOCHRYSENE see: YK2925000
ISOCID see: NS1750000
ISOCIDENE see: NS1750000
ISOCIL see: YQ9275000
ISOCILLIN see: XH9275000
ISOCINCHOMERONIC ACID, DIPROPYL ESTER see: US7980000
ISOCOCAINE TARTRATE see: UL4900000
ISOCONAZOLE NITRATE see: NI4772000
ISO-CORNOX see: UE9750000
ISOCORYDINE METHOCHLORIDE see: CE1010000
ISOCOTIN see: NS1750000

NQ7800000 ISOCOUMARIN, 4-(2-AMINOPROPIONAMIDO)-3,4,4a,5,6,7-HEXAHYDRO-5,6,8-TRIHYDROXY-3-METHYL-
UPDT:8403 CAS: 24397-89-5 MW: 300.35 MOLFM: C13-H20-N2-O6
SYN: ACTINOBOLIN * 4-(2-AMINOPROPIONAMIDO)-3,4,4a,5,6,7-HEXAHYDRO-5,6,8-TRIHYDROXY-3-METHYLISOCOUMARIN
MUTATION DATA AND REFERENCES:
pic-esc 240 mg/L ZAPOAK 8,139,68
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:6250 ug/kg JANTAJ 32,1069,79
* unk-mus LDLo:2000 mg/kg 85ERAY 2,1368,78

NQ7850000 ISOCOUMARIN, 3,4-DIHYDRO-6,8-DIHYDROXY-3-(6-METHYLTETRAHYDRO-2H-PYRAN-2-YL)-
UPDT:8309 MW: 292.36 MOLFM: C16-H20-O5
SYN: ASPERENTIN * CLADOSPORIN * 3,4-DIHYDRO-6,8-DIHYDROXY-3-(6-METHYLTETRAHYDRO-2H-PYRAN-2-YL)ISOCOUMARIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg 85GDA2 5,455,81

NQ7860000 ISOCOUMARIN, 3,4-DIHYDRO-8-HYDROXY-3-METHYL-
UPDT:8309 MW: 178.20 MOLFM: C10-H10-O3
SYN: ANTIBIOTIC AO-2 * ANTIBIOTIC BV-1 * AO-2 * BV-1 * 3,4-DIHYDRO-8-HYDROXY-3-METHYLISOCOUMARIN * MELLEIN * OCHRACIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg 85GDA2 5,451,81

NQ7870000 ISOCOUMARIN, 4-GLYCOLYL-8-HYDROXY-
UPDT:8309 CAS: 146-04-3 MW: 220.19 MOLFM: C11-H8-O5
SYN: 4-GLYCOLYL-8-HYDROXY ISOCOUMARIN * LENZITIN * O-2 * OOSPONOL
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:280 mg/kg 85GDA2 5,457,81
* ipr-mus LD50:40 mg/kg 85GDA2 5,457,81
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

ISOCROTYL CHLORIDE see: UC8045000
ISOCTARINE HYDROCHLORIDE see: DO2320000
ISOCUMENE see: DA8750000
ISOCUNABIC ACID see: NZ8174000
ISOCURINE see: ES3859100
ISOCYANATE DE METHYLE (French) see: NQ9450000
ISOCYANATE 390P see: TR0320000
ISOCYANATOBENZOTRIFLUORIDES (DOT) see: NR0200500
ISOCYANATOETHANE see: NQ8825000
ISO-CYANATOMETHANE see: NQ9450000
3-ISOCYANATOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLISOCYANATE see: NQ9370000
1-ISOCYANATOPROPANE see: NR0190000
2-ISOCYANATOPROPANE see: NQ9230000

NQ8225000 ISOCYANIC ACID, BENZ(a)ANTHRACEN-7-YL ESTER
UPDT:8401 CAS: 63018-56-4 MW: 269.31 MOLFM: C19-H11-N-O
SYN: 1,2-BENZANTHRYL-10-ISOCYANATE
TUMORIGENIC DATA AND REFERENCES:
3V03J60V10 scu-mus TDLo:40 mg/kg CNREAB 6,454,46
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NQ8250000 ISOCYANIC ACID, BUTYL ESTER
UPDT:8308 CAS: 111-36-4 MW: 99.15 MOLFM: C5-H9-N-O
SYN: BIC * n-BUTYL ISOCYANATE * n-BUTYL ISOCYANATE (DOT) * UN 2485 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:600 mg/kg GTPZAB 20(3),53,76
ihl-rat LC50:3000 mg/m3 GTPZAB 20(3),53,76
orl-mus LD50:150 mg/kg GTPZAB 20(3),53,76
ihl-mus LC50:680 mg/m3 GTPZAB 20(3),53,76
* ivn-mus LD50:1 mg/kg CSLNX* NX#05701
orl-gpg LD50:250 mg/kg GTPZAB 20(3),53,76
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NQ8300000 ISOCYANIC ACID, tert-BUTYL ESTER
UPDT:8401 CAS: 1609-86-5 MW: 99.15 MOLFM: C5-H9-N-O
SYN: t-BUTYLISOCYANATE * tert-BUTYL ISOCYANATE * tert-BUTYL ISOCYANATE (DOT) * 1,1-DIMETHYLETHYL ISOCYANATE * PROPANE, 2-ISOCYANATO-2-METHYL- (9CI) * UN 2484 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NQ8575000 ISOCYANIC ACID, p-CHLOROPHENYL ESTER
UPDT:8408 CAS: 104-12-1 MW: 153.57 MOLFM: C7-H4-Cl-N-O
SYN: p-CHLORFENYLISOKYANAT (Czech) * p-CHLOROPHENYL ISOCYANATE * PCPI
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,165,72
eye-rbt 250 ug/24H SEV 28ZPAK -,165,72
TOXICITY DATA AND REFERENCES:
3D25F13J30 ocu-hmn TCLo:1 ppm/1M HYSAAV 31,481,66
orl-rat LD50:4710 mg/kg 28ZPAK -,165,72
orl-mus LD50:530 mg/kg GTPZAB 11(4),23,67
ihl-mus LCLo:53 ppm/1H HYSAAV 31,481,66
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NQ8585000 ISOCYANIC ACID, 3-CHLORO-p-TOLYL ESTER
UPDT:8312 CAS: 28479-22-3 MW: 167.60 MOLFM: C8-H6-Cl-N-O
SYN: 3-CHLORO-4-METHYLPHENYL ISOCYANATE (DOT) * UN 2236 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

NQ8650000 ISOCYANIC ACID, CYCLOHEXYL ESTER
UPDT:8312 CAS: 3173-53-3 MW: 125.19 MOLFM: C7-H11-N-O
SYN: CYCLOHEXYL ISOCYANATE * CYCLOHEXYL ISOCYANATE (DOT) * UN 2488 (DOT)
MUTATION DATA AND REFERENCES:
mmo-sat 150 ug/plate ABCHA6 44,3017,80
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#04502
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NQ8755000 ISOCYANIC ACID, DICHLOROPHENYL ESTER
UPDT:8312 MW: 188.01 MOLFM: C7-H3-Cl2-N-O
SYN: DICHLOROPHENYL ISOCYANATES (DOT) * UN 2250 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

ISOCYANIC ACID, DIESTER with 1,6-HEXANEDIOL see: MO1740000

NQ8800000 ISOCYANIC ACID, 3,3'-DIMETHOXY-4,4'-BIPHENYLENE ESTER
UPDT:8412 CAS: 91-93-0 MW: 296.30 MOLFM: C16-H12-N2-O4
SYN: 1,1'-BIPHENYL, 4,4'-DIISOCYANATO-3,3'-DIMETHOXY- * DIANISIDINE DIISOCYANATE * 4,4'-DIISOCYANATO-3,3'-DIMETHOXY-1,1'-BIPHENYL * 3,3'-DIMETHOXYBENZIDINE-4,4'-DIISOCYANATE * 3,3'-DIMETHOXY-4,4'-BIPHENYLENE DIISOCYANATE * NCI-C02175
MUTATION DATA AND REFERENCES:
mmo-sat 333 ug/plate ENMUDM 5(Suppl 1),3,83
mmo-sat 33 ug/plate ENMUDM 5(Suppl 1),3,83
otr-rat:emb 81 ug/plate JJATDK 1,190,81
TUMORIGENIC DATA AND REFERENCES:
3V01P61R60 orl-rat TDLo:565 gm/kg/78W-I NCITR* NCI-CG-TR-128,79
3V01P61R60 orl-rat TD :1200 gm/kg/78W-I NCITR* NCI-CG-TR-128,79
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#02411
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO DIISOCYANATES recm std-air:TWA 5 ppb;CL 20 ppb/10M NTIS**
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NCITR* NCI-CG-TR-128,79)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG TR-128,79)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NQ8825000 ISOCYANIC ACID, ETHYL ESTER
UPDT:8312 CAS: 109-90-0 MW: 71.09 MOLFM: C3-H5-N-O
SYN: ETHANE, ISOCYANATO- * ETHYL ISOCYANATE * ETHYL ISOCYANATE (DOT) * ISOCYANATOETHANE * UN 2481 (DOT)
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate ABCHA6 44,3017,80
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#02910
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NQ9110000 ISOCYANIC ACID, HEXAHYDRO-4,7-METHANOINDEN-2,8-YLENE ESTER
UPDT:8401 MW: 216.26 MOLFM: C12-H12-N2-O2
SYN: TRICYCLODECENE (5,2,1,0(sup 2,6))-3,10-DIISOCYANATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1090 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:450 mg/kg TXAPA9 28,313,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ISOCYANIC ACID, HEXAMETHYLENE ESTER see: MO1740000

NQ9208000 ISOCYANIC ACID, ISOBUTYL ESTER
UPDT:8312 CAS: 1873-29-6 MW: 99.15 MOLFM: C5-H9-N-O
SYN: ISOBUTYL ISOCYANATE * ISOBUTYL ISOCYANATE (DOT) * PROPANE, 1-ISOCYANATO-2-METHYL- (9CI) * UN 2486 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83

NQ9230000 ISOCYANIC ACID, ISOPROPYL ESTER
UPDT:8401 CAS: 1795-48-8 MW: 85.12 MOLFM: C4-H7-N-O
SYN: 2-ISOCYANATOPROPANE * ISOPROPYL ISOCYANTE * ISOPROPYL ISOCYANATE (DOT) * PROPANE, 2-ISOCYANATO- (9CI) * UN 2483 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NQ9240000 ISOCYANIC ACID, METHOXYMETHYL ESTER
UPDT:8312 CAS: 6427-21-0 MW: 87.09 MOLFM: C3-H5-N-O2
SYN: METHANE, ISOCYANATOMETHOXY- (9CI) * METHOXYMETHYL ISOCYANATE * METHOXYMETHYL ISOCYANATE (DOT) * UN 2605 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83

NQ9250000 ISOCYANIC ACID, METHYLENEDI-4,1-CYCLOHEXYLENE ESTER
UPDT:8201 CAS: 5124-30-1 MW: 262.39 MOLFM: C15-H22-N2-O2
SYN: BIS(4-ISOCYANATOCYCLOHEXYL)METHANE * NACCONATE H 12 * METHYLENE BIS-(4-CYCLOHEXYLISOCYANATE)
REVIEW AND REFERENCES:
★ TLV-CL 10 ppb DTLVS* 4,277,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NQ9350000 ISOCYANIC ACID, METHYLENEDI-p-PHENYLENE ESTER
UPDT:8404 CAS: 101-68-8 MW: 250.27 MOLFM: C15-H10-N2-O2
SYN: BENZENE, 1,1'-METHYLENEBIS(4-ISOCYANATO- (9CI) * BIS(p-ISOCYANATOPHENYL)METHANE * BIS(1,4-ISOCYANATOPHENYL)METHANE * BIS(4-ISOCYANATOPHENYL)METHANE * CARADATE 30 * DESMODUR 44 * DIFENYLMETHAAN-DIISSOCYANAAT (Dutch) * DIFENIL-METAN-DIISOCIANATO (Italian) * 4,4'-DIISOCYANATE DE DIPHENYLMETHANE (French) * 4,4'-DIISOCYANATODIPHENYLMETHANE * DIPHENYLMETHAN-4,4'-DIISOCYANAT (German) * DIPHENYL METHANE DIISOCYANATE * p,p'-DIPHENYLMETHANE DIISOCYANATE * 4,4'-DIPHENYLMETHANE DIISOCYANATE * DIPHENYLMETHANE 4,4'-DIISOCYANATE * DIPHENYLMETHANE DIISOCYANATE (DOT) * HYLENE M50 * ISONATE * ISONATE 125M * ISONATE 125 MF * MDI * METHYLENEBIS(4-ISOCYANATOBENZENE) * 1,1-METHYLENEBIS(4-ISOCYANATOBENZENE) * METHYLENEBIS(p-PHENYLENE ISOCYANATE) * METHYLENEBIS(4-PHENYLENE ISOCYANATE) * p,p'-METHYLENEBIS(PHENYL ISOCYANATE) * METHYLENEBIS(p-PHENYL ISOCYANATE) * METHYLENEBIS(4-PHENYL ISOCYANATE) * 4,4'-METHYLENEBIS(PHENYL ISOCYANATE) * 4,4'-METHYLENEDIPHENYL DIISOCYANATE * METHYLENEDI-p-PHENYLENE DIISOCYANATE * METHYLENEDI-p-PHENYLENE ISOCYANATE * 4,4'-METHYLENEDIPHENYLENE ISOCYANATE * NACCONATE 300 * NCI-C50668 * RUBINATE 44 * UN 2489 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H EJTXAZ 9,41,76
eye-rbt 100 ug MLD AIHAAP 43,89,82
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate SWEHDO 6,221,80
TOXICITY DATA AND REFERENCES:
2S06U25 ihl-hmn TCLo:130 ppb/30M AIHAAP 27,121,66
* orl-mus LD16:10700 mg/kg TPKVAL 15,128,79

• orl-mam LDLo:32 gm/kg AIHAAP 43,89,82
REVIEW AND REFERENCES:
★ TLV-CL 20 ppb DTLVS* 4,274,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:Cl 20 ppb (SCP-A) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO DIISOCYANATES recm std-air:TWA 5 ppb;Cl 20 ppb/10M NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NQ9370000 ISOCYANIC ACID, METHYLENE(3,5,5-TRIMETHYL-3,1-CYCLOHEXYLENE) ESTER
UPDT:8312 CAS: 4098-71-9 MW: 222.32 MOLFM: C12-H18-N2-O2
SYN: CYCLOHEXANE, 5-ISOCYANATO-1-(ISOCYANATOMETHYL)-1,3,3-TRIMETHYL- (9CI) * IPDI * 3-ISOCYANATOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLISOCYANATE * ISOPHORONE DIAMINE DIISOCYANATE * ISOPHORONE DIISOCYANATE * ISOPHORONE DIISOCYANATE (DOT) * ISOPHORONEDIISOCYANATE, SOLUTION 70% by weight (DOT) * UN 2290 (DOT) * UN 2906 (DOT)
TOXICITY DATA AND REFERENCES:
• ihl-rat LC50:260 mg/m3/4H DTLVS* 4,236,80
• skn-rat LD50:1060 mg/kg DTLVS* 4,236,80
REVIEW AND REFERENCES:
★ TLV-TWA 10 ppb (skin) DTLVS* 4,236,80
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO DIISOCYANATES recm std-air:TWA 5 ppb;CL 20 ppb/10M NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NQ9450000 ISOCYANIC ACID, METHYL ESTER
UPDT:8408 CAS: 624-83-9 MW: 57.06 MOLFM: C2-H3-N-O
SYN: ISOCYANATE DE METHYLE (French) * ISO-CYANATOMETHANE * METHYLISOCYANAAT (Dutch) * METHYL ISOCYANAT (German) * METHYL ISOCYANATE * METHYL ISOCYANATE (DOT) * METHYL ISOCYANATE SOLUTIONS (DOT) * METIL ISOCIANATO (Italian) * RCRA WASTE NUMBER P064 * TL 1450 * UN 2480 (DOT)
TOXICITY DATA AND REFERENCES:
3D07D25J30 ihl-hmn TCLo:2 ppm ATXKA8 20,235,64
• orl-rat LD50:69 mg/kg AIHAAP 30,470,69
ihl-rat LC50:5 ppm/4H ATXKA8 20,235,64
orl-mus LD50:120 mg/kg TXAPA9 42,417,77
ihl-mus LCLo:37 mg/m3/1H ATXKA8 20,235,64
• skn-rbt LD50:213 mg/kg AIHAAP 30,470,69
ihl-gpg LCLo:37 mg/m3/1H ATXKA8 20,235,64
REVIEW AND REFERENCES:
★ TLV-TWA 20 ppb (skin) DTLVS* 4,284,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.02 ppm (skin) (SCP-S) FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0381-0392
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ISOCYANIC ACID, METHYLPHENYLENE ESTER see: CZ6300000

NQ9490000 ISOCYANIC ACID, METHYL-m-PHENYLENE ESTER
CAS: 26471-62-5 MW: 174.17 MOLFM: C9-H6-N2-O2
SYN: BENZENE-, 1,3-DIISOCYANATOMETHYL- * DIISOCYANATOTOLUENE * METHYLPHENYLENE ISOCYANATE * TDI * TOLUENE DIISOCYANATE * TOLYLENE DIISOCYANATE * TOLYLENE ISOCYANATE * UN 2078 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

ISOCYANIC ACID, 2-METHYL-meta-PHENYLENE ESTER see: CZ6310000
ISOCYANIC ACID, 4-METHYL-m-PHENYLENE ESTER see: CZ6300000

NQ9860000 ISOCYANIC ACID, (p-(p-NITROANILINO)PHENYL)-
UPDT:8403 CAS: 62967-27-5 MW: 255.25 MOLFM: C13-H9-N3-O3
SYN: BENZENAMINE, 4-ISOCYANATO-N-(4-NITROPHENYL)- (9CI) * 4-ISOCYANO-4'-NITRODIPHENYLAMINE * (p-(p-NITROANILINO)PHENYL)ISOCYANIC ACID
MUTATION DATA AND REFERENCES:
mmo-sat 17 nmol/plate JMCMAR 20,981,77
mmo-sat 17 nmol/plate JMCMAR 20,981,77
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

ISOCYANIC ACID, PHENYL ESTER see: DA3675000
ISOCYANIC ACID, POLYMETHYLENEPOLYPHENYLENE ESTER (9CI) see: TR0320000

NR0190000 ISOCYANIC ACID, PROPYL ESTER
UPDT:8312 CAS: 110-78-1 MW: 85.12 MOLFM: C4-H7-N-O
SYN: 1-ISOCYANATOPROPANE * PROPANE, 1-ISOCYANATO- * PROPYL ISOCYANATE * m-PROPYL ISOCYANATE * 1-PROPYL ISOCYANATE * n-PROPYL ISOCYANATE (DOT) * UN 2482 (DOT)
TOXICITY DATA AND REFERENCES:
• ivn-mus LD50:56 mg/kg CSLNX* NX#02916
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NR0200500 ISOCYANIC ACID, TRIFLUOROPHENYL ESTER
UPDT:8403 MW: 173.10 MOLFM: C7-H2-F3-N-O
SYN: ISOCYANATOBENZOTRIFLUORIDES (DOT) * UN 2285 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

ISOCYANIDE see: GS7175000
4-ISOCYANO-4'-NITRODIPHENYLAMINE see: NQ9860000
ISOCYANURIC ACID see: XZ1800000
ISOCYANURIC ACID, DICHLORO- see: XZ1845000
ISOCYANURIC ACID, DICHLORO-, POTASSIUM SALT see: XZ1850000
ISOCYANURIC ACID, DICHLORO-, SODIUM SALT see: XZ1900000
ISOCYANURIC CHLORIDE see: XZ1925000
ISOCYCLOCITRAL see: GW3400000
ISODECYL ACRYLATE see: AT2190000
ISODECYL ALCOHOL, ACRYLATE see: AT2190000
ISODECYL METHACRYLATE see: OZ5000000
ISODECYL PROPENOATE see: AT2190000
ISODIENESTROL see: SL0580000
ISODIENESTROL see: SL0562500
ISODIHYDROLAVANDULOL see: MP8580000
ISODIHYDRO LAVANDULYL ACETATE see: AI5000000
ISODIHYDROLAVANDULYL ALDEHYDE see: MP6450000
ISODILAN see: AI4200000
ISODIN see: DF1400000
ISODIPHENYLBENZENE see: WZ6470000
ISODIPRENE see: FH8400000
ISODONIN see: PB9183000
ISODORMID see: YT5775000
ISODRIN see: IO1925000
ISOENDOXAN see: RP6050000
d-ISOEPHEDRINE see: UL5800000
ISOESTRAGOLE see: BZ8925000
ISOETARINE HYDROCHLORIDE see: DO2320000
ISOETARIN HYDROCHLORIDE see: DO2320000
ISOETHADIONE see: RP9800000
ISOETHRAINE HYDROCHLORIDE see: DO2320000
ISOEUGENOL see: SL7875000
cis-ISOEUGENOL see: SL7877000
trans-ISOEUGENOL see: SL7876000
ISOEUGENOL, ACETATE see: SL7940000
ISOEUGENOL AMYL ETHER see: DA5350000
ISOEUGENOL, BENZYL ETHER see: CY8225000
1,3,4-ISOEUGENOL METHYL ETHER see: CZ7000000
ISOEUGENYL ACETATE see: SL7940000
ISOEUGENYL METHYL ETHER see: CZ7000000
ISOFEDROL see: KB0700000
ISOFEDROL see: KB2625000
ISOFENPHOS see: VO4395500
ISOFEZOLAC see: UQ4929000
ISOFEZOLACO (Spanish) see: UQ4929000
ISOFLAV see: AR9065000
ISOFLAV BASE see: AR8670000

NR2326000 ISOFLAVONE, 7-(2-(DIMETHYLAMINO)ETHOXY)-4'-METHOXY-2-METHYL-
UPDT:8306 CAS: 13004-41-6 MW: 353.45 MOLFM: C21-H23-N-O4
SYN: 7-(2-(DIMETHYLAMINO)ETHOXY)-4'-METHOXY-2-METHYLISOFLAVONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-mus TDLo:10 mg/kg (1D preg) JMCMAR 10,154,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NR2392000 ISOFLAVONE, 4',5,7-TRIHYDROXY-
UPDT:8401 CAS: 446-72-0 MW: 270.25 MOLFM: C15-H10-O5
SYN: 4H-1-BENZOPYRAN-4-ONE, 5,7-DIHYDROXY-3-(4-HYDROXYPHENYL)- (9CI) * C.I. 75610 * GENISTEIN * GENISTEOL * GENISTERIN * PRUNETOL * SOPHORICOL * 4',5,7 TRIHYDROXYISOFLAVONE * 5,7,4'-TRIHYDROXYISOFLAVONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T19 orl-mus TDLo:1680 mg/kg (21D pre) JOENAK 13,94,55
1T23 orl-mus TDLo:13200 mg/kg (22D male) JOENAK 13,94,55
1T71 orl-mus TDLo:18600 mg/kg (31D pre) JOENAK 13,94,55
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NR2400000 ISOFLAVONE, 4',5,7-TRIHYDROXY-6-METHOXY-
UPDT:8303 CAS: 548-77-6 MW: 300.28 MOLFM: C16-H12-O6
SYN: 4H-1-BENZOPYRAN-4-ONE, 5,7-DIHYDROXY-3-(4-HYDROXYPHENYL)- * TECTORIGENIN * TECTORIGENINE * 4',5,7-TRIHYDROXY-6-METHOXYISOFLAVONE
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate ENMUDM 3,401,81

ISOFLUOROPHATE see: TE5075000
ISOFLUROPHATE see: TE5075000
ISOFORON see: GW7700000
ISOFORONE (Italian) see: GW7700000
ISOFOSFAMIDE see: RP6050000
ISOFTALODINITRIL (Czech) see: CZ1900000
ISOGENTISIN see: ZD6034500
ISOGENTISINE see: ZD6034500
ISOGLAUCON see: NJ2490000

NR2940000 ISOHEPTENE
UPDT:8312 CAS: 68975-47-3 MW: 98.21 MOLFM: C7-H14
SYN: ISOHEPTENE (DOT) * UN 2287 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

ISOHEPTENE (DOT) see: NR2940000
ISOHEXANE see: SA2995000
ISOHEXANOL see: NR3020000

NR2975800 ISOHEXENE
UPDT:8312 CAS: 27236-46-0 MW: 84.18 MOLFM: C6-H12
SYN: ISOHEXENE (DOT) * 2-METHYLPENTENE * 4-METHYLPENTENE * PENTENE, 2-METHYL- (9CI) * UN 2288 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

ISOHEXENE (DOT) see: NR2975800
ISOHEXENYL CYCLOHEXENYL CARBOXALDEHYDE see: GW3350000

NR3020000 ISOHEXYL ALCOHOL
UPDT:8303 CAS: 626-89-1 MW: 102.20 MOLFM: C6-H14-O
SYN: iso-HEXANOL * ISOHEXANOL * 1-PENTANOL, 4-METHYL- (9CI)
TOXICITY DATA AND REFERENCES:
• ivn-mus LD50:170 mg/kg AIPTAK 135,330,62

1-ISOHEXYLBIGUANIDE MONOHYDROCHLORIDE see: DU1967000
ISOHOL see: NT8050000
ISOHOMOGENOL see: CZ7000000
ISOHYDROXYUREA see: NC3300000
ISOINDOKLON see: KO2282000

NR3397000 2H-ISOINDOLE-1-CARBOXALDEHYDE, 4,7-DIHYDRO-5(or 6)-METHYL-2-PHENYL-, (2,4-DINITROPHENYL)HYDRAZONE
UPDT:8306 CAS: 61863-53-4 MW: 417.46 MOLFM: C22-H19-N5-O4
TOXICITY DATA AND REFERENCES:
3M10U05U08 ipr-mus LD50:270 mg/kg PCJOAU 14,538,80

NR3397100 2H-ISOINDOLE-1-CARBOXALDEHYDE, 4,5,6,7-TETRAHYDRO-5(or 6)-METHYL-2-PHENYL-, (2,4-DINITROPHENYL)HYDRAZONE
UPDT:8306 CAS: 61863-52-3 MW: 419.48 MOLFM: C22-H21-N5-O4
TOXICITY DATA AND REFERENCES:
3M10U05U08 ipr-mus LD50:290 mg/kg PCJOAU 14,538,80

NR3397200 2H-ISOINDOLE-1-CARBOXALDEHYDE, 4,5,6,7-TETRAHYDRO-2-PHENYL-, (2,4-DINITROPHENYL)HYDRAZONE
UPDT:8306 CAS: 61863-05-6 MW: 405.45 MOLFM: C21-H19-N5-O4
SYN: 4,5,6,7-TETRAHYDRO-2-PHENYL-2H-ISOINDOLE-1-CARBOXALDEHYDE (2,4-DINITROPHENYL)HYDRAZONE
TOXICITY DATA AND REFERENCES:
3M10U05U08 ipr-mus LD50:300 mg/kg PCJOAU 14,538,80

NR3397500 2H-ISOINDOLE, 4,7-DIHYDRO-5-METHYL-2-PHENYL-
UPDT:8306 CAS: 30451-27-5 MW: 209.31 MOLFM: C15-H15-N
SYN: 4,7-DIHYDRO-5-METHYL-2-PHENYL-2H-ISOINDOLE
TOXICITY DATA AND REFERENCES:
3M10U05U08 ipr-mus LD50:2500 mg/kg PCJOAU 14,538,80

NR3397700 2H-ISOINDOLE, 4,7-DIHYDRO-2-PHENYL-
UPDT:8306 CAS: 30451-26-4 MW: 195.28 MOLFM: C14-H13-N
SYN: 4,7-DIHYDRO-2-PHENYL-2H-ISOINDOLE
TOXICITY DATA AND REFERENCES:
3M10U05U08 ipr-mus LD50:2000 mg/kg PCJOAU 14,538,80

1H-ISOINDOLE-1,3(2H)-DIONE, 2-(2,6-DIOXO-3-PIPERIDINYL)- see: TI4375000
1H-ISOINDOLE-1,3(2H)-DIONE, 2-(2,6-DIOXO-3-PIPERIDINYL)-, (R)- see: TI4925000
1H-ISOINDOLE-1,3(2H)-DIONE, 2-(2,6-DIOXO-3-PIPERIDINYL)-, (S)- see: TI4925050
1H-ISOINDOLE-1,3(2H)-DIONE, 2-(OXIRANYLMETHYL)- (9CI) see: TI4950000
1H-ISOINDOLE-1,3(2H)-DIONE, 2-(1-(4-MORPHOLINYLMETHYL)-2,6-DIOXO-3-PIPERIDINYL)- (9CI) see: TI5609700
1H-ISOINDOLE-1,3(2H)-DIONE, 2-(1-(4-MORPHOLINYLMETHYL)-2,6-DIOXO-4-PIPERIDINYL)- (9CI) see: TI5609710
1H-ISOINDOLE-1,3(2H)-DIONE, 3a,4,7,7a-TETRAHYDRO-2-((TRICHLOROMETHYL)THIO)- see: GW5075000
1H-ISOINDOLE-1,3(2H)-DIONE, 2-((TRICHLOROMETHYL)THIO)- see: TI5685000

NR3427000 2-ISOINDOLINEACETAMIDE, N-ANTIPYRINYL-alpha-BENZYL-1,3-DIOXO-
UPDT:8303 MW: 480.56 MOLFM: C28-H24-N4-O4
SYN: N-ANTIPYRINYL-alpha-BENZYL-1,3-DIOXO-2-ISOINDOLINEACETAMIDE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:1935 mg/kg PCJOAU 16,51,82

NR3427100 2-ISOINDOLINEACETAMIDE, N-ANTIPYRINYL-1,3-DIOXO-alpha-ETHYL-
UPDT:8303 MW: 418.49 MOLFM: C23-H22-N4-O4
SYN: N-ANTIPYRINYL-1,3-DIOXO-alpha-ETHYL-2-ISOINDOLINEACETAMIDE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:2739 mg/kg PCJOAU 16,51,82

NR3427200 2-ISOINDOLINEACETAMIDE, N-ANTIPYRINYL-1,3-DIOXO-alpha-ISOPROPYL-
UPDT:8303 MW: 432.52 MOLFM: C24-H24-N4-O4
SYN: N-ANTIPYRINYL-1,3-DIOXO-alpha-ISOPROPYL-2-ISOINDOLINEACETAMIDE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:2322 mg/kg PCJOAU 16,51,82

NR3427300 2-ISOINDOLINEACETAMIDE, N-ANTIPYRINYL-1,3-DIOXO-alpha-METHYL-
UPDT:8303 MW: 404.46 MOLFM: C22-H20-N4-O4
SYN: N-ANTIPYRINYL-1,3-DIOXO-alpha-METHYL-2-ISOINDOLINEACETAMIDE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:3285 mg/kg PCJOAU 16,51,82

NR3470000 1,3-ISOINDOLINEDICARBOXYLIC ACID, 2-CARBANILOYL-, trans-
UPDT:8411 MW: 352.37 MOLFM: C19-H16-N2-O5
TOXICITY DATA AND REFERENCES:
1F07 ipr-mus LD50:1 gm/kg FRPSAX 39,322,84

NR3500000 ISOINDOLINE, 1,3-DIIMINO-
UPDT:8401 CAS: 3468-11-9 MW: 145.18 MOLFM: C8-H7-N3
SYN: AFASTOGEN BLUE 5040 * 1,3-DIIMINOISOINDOLIN (Czech) * 1,3-DIIMINOISOINDOLINE * FASTOGEN BLUE FP-3100 * FASTOGEN BLUE SH-100 * MODR FTALOSTANOVA 3G (Czech) * PHTHALIMIDIMIDE * PHTHALOCYANINE BLUE 01206 * PHTHALOGEN
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV 28ZPAK -,143,72
eye-rbt 250 ug/24H SEV 28ZPAK -,143,72
TUMORIGENIC DATA AND REFERENCES:
3V03M61V10 scu-rat TDLo:990 mg/kg/44W-I VOONAW 21(11),75,75
3V01J60P61 scu-mus TDLo:140 mg/kg/51W-I VOONAW 21(11),75,75
TOXICITY DATA AND REFERENCES:
orl-rat LD50:273 mg/kg 28ZPAK -,143,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ISOINDOLINE, 2-(2-DIMETHYLAMINOETHYL)-4,5,6,7-TETRACHLORODIMETHO CHLORIDE see: NR3675000

NR3539000 5-ISOINDOLINESULFONAMIDE, 6-CHLORO-1,3-DIOXO-
UPDT:8311 MW: 228.60 MOLFM: C8-H5-Cl-N2-O4
SYN: 6-CHLORO-1,3-DIOXO-5-ISOINDOLINESULFONAMIDE * 4-CHLORO-5-SULPHAMOYLPHTHALIMIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg MLD FCTOD7 20,573,82
eye-rbt 100 mg SEV FCTOD7 20,573,82
eye-rbt 100 mg/4S rns SEV FCTOD7 20,573,82

NR3675000 ISOINDOLINIUM, 4,5,6,7-TETRACHLORO-2-METHYL-2-(2-(TRIMETHYLAMMONIO)ETHYL)-, DICHLORIDE
UPDT:8302 CAS: 69-27-2 MW: 429.06 MOLFM: C14-H20-Cl4-N2 2Cl
SYN: AMMONIUM, (2-(2-METHYL-4,5,6,7-TETRACHLOROISOINDOLINYL)ETHYL)TRIMETHYL-, DICHLORIDE * CHLORISONDAMINE * CHLORISONDAMINE CHLORIDE * CHLORISONDAMINE DIMETHOCHLORIDE * N-((2-DIMETHYLAMMONIUM)ETHYL)-4,5,6,7-TETRACHLOROISOINDOLINIUM DIMETHOCHLORIDE * ECOLID * ECOLID R * ECOLID CHLORIDE * HISINDAMONE A * ISOINDOLINE, 2-(2-DIMETHYLAMINOETHYL)-4,5,6,7-TETRACHLORODIMETHO CHLORIDE * SU 3088 * 4,5,6,7-TETRACHLORO-2-(2-DIMETHYLAMINOETHYL)-ISOINDOLINE DIMETHOCHLORIDE
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:28 mg/kg JPETAB 115,172,55
* orl-mus LD50:380 mg/kg BCFAAI 103,490,64
1E15 ipr-mus LD50:62 mg/kg AIPTAK 155,69,65
* scu-mus LD50:240 mg/kg FRPSAX 20,482,65
* ivn-mus LD50:28 mg/kg CSLNX* NX#00058

1H-ISOINDOL-1-ONE, 2-ETHYL-2,3-DIHYDRO-3-((4-(2-(1-PIPERIDINYL)ETHOXY)PHENYL)AMINO)-(9CI) see: TI5695400
ISOINOKOSTERONE see: FZ8060000
ISOIRRIDOMYRMERCIN see: GY5836000

NR3950000 ISOJASMONE
UPDT:8305 CAS: 11050-62-7 MW: 164.27 MOLFM: C11-H16-O
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,801,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ISO-K see: UE7570000
ISOL see: SA0810000
ISOLAIT see: DO8225000
ISOLAN see: FA2100000
ISOLANE (French) see: FA2100000
ISOLANID see: OE2100000
ISOLANIDE see: OE2100000
ISOLASALOCID A see: DG8558000
ISOL BENZIDINE YELLOW G see: AK4580000
ISOL BENZIDINE YELLOW G 2537 see: AK4580000
ISOL BENZIDINE YELLOW GAPROPYL see: AK4580000
ISOL BENZIDINE YELLOW GBPROPYL see: AK4580000
ISOL BENZIDINE YELLOW G SPECIAL see: AK4580000
ISOLEVIN DIHYDRATE see: DO2300100
ISOLEVINE DIHYDRATE see: DO2300100
ISOL FAST RED 2G see: QL3854000
ISOL FAST RED HB see: QK4247000
ISOL FAST RED R see: QL3436000
ISOL FAST RED RG see: QL3436000
ISOL FAST RED RNB see: QK4247000
ISOL FAST RED RN2B see: QK4247000
ISOL FAST RED RNG see: QK4247000
ISOL FAST RED RN2G see: QK4247000
ISOLIQUIRITIGENIN see: FL7080000
ISOL LAKE RED LCS 12527 see: DB5500000
ISOL RED LCR 2517 see: DB5500000
ISOL TOLUIDINE RED HB see: QK4247000
ISOL TOLUIDINE RED RNB see: QK4247000
ISOL TOLUIDINE RED RN2B see: QK4247000
ISOL TOLUIDINE RED RNG see: QK4247000
ISOL TOLUIDINE RED RN2G see: QK4247000
ISOLYN see: NS1750000
ISOMELIN see: MF3240000
ISOMENTHONE see: OS9542500
ISOMEPROBAMATE see: FB3325000
ISOMERIC CHLORTHION see: TE7875000
ISOMETASYSTOX see: TG1750000
ISOMETHEPTENE BITARTRATE see: MP9800000
ISOMETHYLSYSTOX see: TG1750000
ISOMETHYLSYSTOX SULFOXIDE see: TG1420000
ISOMIN see: TI4375000
ISOMYN see: SI1750000
ISOMYN see: SH9450000
ISONAL see: CP8925000
ISONAPHTHOIC ACID see: QL1050000
ISONAPHTHOL see: QL2975000
ISONATE see: NQ9350000
ISONATE 125M see: NQ9350000
ISONATE 125 MF see: NQ9350000
ISONERIT see: NS1750000
ISONEX see: NS1750000
ISONIACID see: NS1750000
ISONIAZID see: NS1750000
ISONIAZIDE see: NS1750000
ISONIAZID SODIUM METHANESULFONATE see: NS2275000
ISONICAZIDE see: NS1750000
ISONICID see: NS1750000
ISONICO see: NS1750000
ISONICOTAN see: NS1750000
ISONICOTIL see: NS1750000

NR9500000 ISONICOTINAMIDE
UPDT:8402 CAS: 1453-82-3 MW: 122.14 MOLFM: C6-H6-N2-O
SYN: 4-CARBAMOYLPYRIDINE * ISONICOTINIC ACID AMIDE * gamma-PYRIDINECARBOXAMIDE * 4-PYRIDINECARBOXAMIDE (9CI)
MUTATION DATA AND REFERENCES:
dni-rat:lvr 20 mmol/L JJIND8 69,1353,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NR9800000 ISONICOTINAMIDE, 2,6-DICHLORO-N-CYCLOPROPYL-N-ETHYL-
UPDT:8408 CAS: 20373-56-2 MW: 259.15 MOLFM: C11-H12-Cl2-N2-O
SYN: ABBOTT-28440 * 2,6-DICHLORO-N-CYCLOPROPYL-N-ETHYLISONICOTINAMIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:78 mg/kg 27ZQAG -,196,72
ipr-rat LD50:54 mg/kg 27ZQAG -,196,72
orl-mus LD50:123 mg/kg 27ZQAG -,196,72
ipr-mus LD50:129 mg/kg 27ZQAG -,196,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NS0350000 ISONICOTINAMIDE, 2-ETHYLTHIO-
UPDT:8412 CAS: 536-33-4 MW: 166.26 MOLFM: C8-H10-N2-S
SYN: AETINA * AETIVA * AMIDAZIN * AMIDAZINE * BAYER 5312 * ETH * ETHINA * ETHINAMIDE * ETHIMIDE * ETHIONAMIDE * ETHIONIAMIDE * alpha-ETHYLISONICOTINIC ACID THIOAMIDE * 2-ETHYLISONICOTINIC ACID THIOAMIDE * 2-ETHYLISONICOTINIC THIOAMIDE * alpha-ETHYLISONICOTINOYLTHIOAMIDE * ETHYLISOTHIAMIDE * alpha-ETHYLISOTHIONICOTINAMIDE * 2-ETHYLISOTHIONICOTINAMIDE * 2-ETHYL-4-PYRIDINECARBOTHIOAMIDE * 2-ETHYL-4-THIOAMIDYLPYRIDINE * 2-ETHYL-4-THIOCARBAMOYLPYRIDINE * alpha-ETHYLTHIOISONICOTINAMIDE * 2-ETHYLTHIOISONICOTINAMIDE * ETHYONOMIDE * ETIMID * ETIOCIDAN * ETIONAMID * ETIONID * ETIONIZINA * ETIONIZINE * ETP * FATOLIAMID * F.I. 58-30 * IRIDOCIN * IRIDOZIN * ISOTHIN * ISOTIAMIDA * ITIOCIDE * NICOTION * NISOTIN * NIZOTIN * NCI-C01694 * RIGENICID * SERTINON * TEBERUS * 1314 TH * TH 1314 * THIANID * THIANIDE * THIOAMIDE * THIOMID * THIONIDEN * TIO-MID * TRECATOR * TRESCATYL * TRESCAZIDE * TUBERMIN * TUBEROID * TUBEROSON
MUTATION DATA AND REFERENCES:
cyt-ham:fbr 400 mg/L ESKHA5 96,55,78
cyt-ham:lng 540 mg/L GMCRDC 27,95,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T41T46T47 unk-wmn TDLo:600 mg/kg (36-39W preg) POMJAC 5,1152,66
2T85T87 unk-wmn TDLo:5400 mg/kg (12W pre/1-38W preg) POMJAC 5,1152,66
2T41T45 orl-rat TDLo:1800 mg/kg (6-14D preg) OSDIAF 16,313,67
1T34 orl-rat TDLo:900 mg/kg (6-14D preg) OSDIAF 16,313,67
1T46 scu-rat TDLo:486 mg/kg (6-14D preg) DPHFAK 23,383,71
2T25T26 scu-rat TDLo:2430 mg/kg (6-14D preg) DPHFAK 23,383,71
3T25T26T59 orl-mus TDLo:450 mg/kg (6-14D preg) PSDTAP 10,235,69
1T25 orl-rbt TDLo:108 mg/kg (7-14D preg) DPHFAK 23,383,71
1T26 orl-rbt TDLo:216 mg/kg (7-14D preg) DPHFAK 23,383,71
3T35T59T81 orl-rbt TDLo:900 mg/kg (8-16D preg) PSDTAP 10,235,69
1T16 orl-rbt TDLo:450 mg/kg (8-16D preg) PSDTAP 10,235,69
TUMORIGENIC DATA AND REFERENCES:
3V01L60N62 orl-mus TDLo:24 gm/kg/50W-I LAPPA5 24,145,64
TOXICITY DATA AND REFERENCES:
2L12L15 orl-hmn TDLo:856 mg/kg ARDSBL 84,890,61
2L12L15 orl-hmn TDLo:482 mg/kg/5W ARDSBL 87,896,63
* orl-rat LD50:1320 mg/kg NIIRDN 6,111,82
* ipr-rat LD50:490 mg/kg NIIRDN 6,111,82
* scu-rat LD50:1350 mg/kg NIIRDN 6,111,82
orl-mus LD50:1000 mg/kg FEPRA7 21,452,62
ipr-mus LD50:1350 mg/kg DPHFAK 23,383,71
* scu-mus LD50:1580 mg/kg NIIRDN 6,111,82
* scu-gpg LD50:550 mg/kg UBZHD4 52,593,80
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 13,83,77
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE,RAT (NCITR* NCI-CG-TR-46,78)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NS0650000 ISONICOTINAMIDE, 2-PROPYLTHIO-
UPDT:8403 CAS: 14222-60-7 MW: 180.29 MOLFM: C9-H12-N2-S

SYN: EKTEBIN * PETEHA * 2-PROPYLISONICOTINYLTHIOAMIDE * 2-PROPYL-4-PYRIDINECARBOTHIOAMIDE * 2-PROPYL-4-THIOCARBAMOYLPYRIDINE * 2-PROPYL-THIOISONICOTINAMIDE * PROTHIONAMIDE * PROTION * PROTIONAMID * PROTIONAMIDE * PROTIONIZINA * 4-PYRIDINECARBOTHIOAMIDE, 2-PROPYL- (9CI) * 9778 R.P. * TEBEFORM * 1321 TH * TREVINTIX * TUBEREX

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1930 mg/kg	NIIRDN 6,726,82
*	ipr-rat LD50:1320 mg/kg	MEIEDD 10,1137,83
*	scu-rat LD50:760 mg/kg	NIIRDN 6,726,82
	unk-rat LD50:1000 mg/kg	RPTOAN 38,173,75
*	orl-mus LD50:1450 mg/kg	NIIRDN 6,726,82
*	ipr-mus LD50:1 gm/kg	MEIEDD 10,1137,83
*	scu-mus LD50:660 mg/kg	NIIRDN 6,726,82
	unk-mus LD50:1320 mg/kg	RPTOAN 38,173,75

NS0980000 ISONICOTINAMIDINE, N-(p-CHLOROPHENYL)-

UPDT:8306 CAS: 23565-10-8 MW: 231.70 MOLFM: C12-H10-Cl-N3

SYN: N-(p-CHLOROPHENYL)ISONICOTINAMIDINE * 4-PYRIDINECARBOXIMIDAMINE, N-(4-CHLOROPHENYL)-

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:215 mg/kg	APFRAD 30,735,72

NS0982000 ISONICOTINAMIDINE, N-(3-CHLORO-p-TOLYL)-

UPDT:8306 CAS: 23564-67-2 MW: 245.73 MOLFM: C13-H12-Cl-N3

SYN: N-(3-CHLORO-p-TOLYL)ISONICOTINAMIDINE * 4-PYRIDINECARBOXIMIDAMIDE, N-(3-CHLORO-4-METHYLPHENYL)-

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:110 mg/kg	APFRAD 30,735,72

NS0984000 ISONICOTINAMIDINE, N-(3,4-DICHLOROPHENYL)-

UPDT:8306 CAS: 23564-32-1 MW: 266.14 MOLFM: C12-H9-Cl2-N3

SYN: N-(3,4-DICHLOROPHENYL)ISONICOTINAMIDINE * 4-PYRIDINECARBOXIMIDAMIDE, N-(3,4-DICHLOROPHENYL)-

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:620 mg/kg	APFRAD 30,735,72

NS0985000 ISONICOTINAMIDINE, N-(2,5-DIMETHOXYPHENYL)-

UPDT:8306 CAS: 23564-31-0 MW: 257.32 MOLFM: C14-H15-N3-O2

SYN: N-(2,5-DIMETHOXYPHENYL)ISONICOTINAMIDINE * 4-PYRIDINECARBOXIMIDAMIDE, N-(2,5-DIMETHOXYPHENYL)-

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:500 mg/kg	APFRAD 30,735,72

NS0986000 ISONICOTINAMIDINE, N-(m-FLUOROPHENYL)-

UPDT:8306 CAS: 23565-11-9 MW: 215.25 MOLFM: C12-H10-F-N3

SYN: N-(m-FLUOROPHENYL)ISONICOTINAMIDINE * 4-PYRIDINECARBOXIMIDAMIDE, N-(3-FLUOROPHENYL)-

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:500 mg/kg	APFRAD 30,735,72

NS0987000 ISONICOTINAMIDINE, N-(o-HYDROXYPHENYL)-

UPDT:8306 CAS: 23564-33-2 MW: 213.26 MOLFM: C12-H11-N3-O

SYN: N-(o-HYDROXYPHENYL)ISONICOTINAMIDINE * 4-PYRIDINECARBOXIMIDAMIDE, N-(2-HYDROXYPHENYL)-

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1700 mg/kg	APFRAD 30,735,72

NS0989000 ISONICOTINAMIDINE, N-(o-METHOXYPHENYL)-

UPDT:8306 CAS: 23565-14-2 MW: 227.29 MOLFM: C13-H13-N3-O

SYN: N-(o-METHOXYPHENYL)ISONICOTINAMIDINE * 4-PYRIDINECARBOXIMIDAMIDE, N-(2-METHOXYPHENYL)-

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:325 mg/kg	APFRAD 30,735,72

NS0990000 ISONICOTINAMIDINE, N-(p-METHOXYPHENYL)-

UPDT:8306 CAS: 23565-15-3 MW: 227.29 MOLFM: C13-H13-N3-O

SYN: N-(p-METHOXYPHENYL)ISONICOTINAMIDINE * 4-PYRIDINECARBOXIMIDAMIDE, N-(4-METHOXYPHENYL)-

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:200 mg/kg	APFRAD 30,735,72

NS0991000 ISONICOTINAMIDINE, N-1-NAPHTHYL-

UPDT:8306 CAS: 23565-16-4 MW: 247.32 MOLFM: C16-H13-N3

SYN: N-1-NAPHTHYLISONICOTINAMIDINE * 4-PYRIDINECARBOXIMIDAMIDE, N-1-NAPHTHLENYL-

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:300 mg/kg	APFRAD 30,735,72

NS0992000 ISONICOTINAMIDINE, N-2-NAPHTHYL-

UPDT:8306 CAS: 23564-66-1 MW: 247.32 MOLFM: C16-H13-N3

SYN: N-2-NAPHTHYLISONICOTINAMIDINE * 4-PYRIDINECARBOXIMIDAMIDE, N-2-NAPHTHALENYL-

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:200 mg/kg	APFRAD 30,735,72

NS0993000 ISONICOTINAMIDINE, N-PHENYL-

UPDT:8306 CAS: 23573-51-5 MW: 197.26 MOLFM: C12-H11-N3

SYN: N-PHENYLISONICOTINAMIDINE * 4-PYRIDINECARBOXIMIDAMIDE, N-PHENYL-

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:440 mg/kg	APFRAD 30,735,72

NS0994000 ISONICOTINAMIDINE, N-p-TOLYL-

UPDT:8306 CAS: 23564-34-3 MW: 211.29 MOLFM: C13-H13-N3

SYN: 4-PYRIDINECARBOXIMIDAMIDE, N-(4-METHYLPHENYL)- * N-p-TOLYLISONICOTINAMIDINE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:125 mg/kg	APFRAD 30,735,72

NS0995000 ISONICOTINAMIDINE, N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-

UPDT:830 CAS: 23565-12-0 MW: 265.26 MOLFM: C13-H10-F3-N3

SYN: 4-PYRIDINECARBOXIMIDAMIDE, N-(3-(TRIFLUOROMETHYL)PHENYL- * N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)ISONICOTINAMIDINE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:950 mg/kg	APFRAD 30,735,72

ISONICOTINHYDRAZID see: NS1750000

NS1103000 ISONICOTINIC ACID

UPDT:8308 CAS: 55-22-1 MW: 123.12 MOLFM: C6-H5-N-O2

SYN: ACIDE ISO-NICO*INIQUE (French) * 4-CARBOXYPYRIDINE * alpha-PICOLINIC ACID * 4-PYRIDINECARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:

2F07F17	orl-rat LD50:5000 mg/kg	PCJOAU 11,481,77
2F07F17	orl-mus LD50:3123 mg/kg	PCJOAU 11,481,77
2F07F17	ipr-mus LD50:436 mg/kg	PCJOAU 11,481,77
*	ivn-mus LD50:5000 mg/kg	THERAP 23,1343,68

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

NS1104000 ISONICOTINIC ACID, 2-(((p-ACETAMIDO)PHENYL)SULFONYL)HYDRAZIDE

UPDT:8308 CAS: 35285-73-5 MW: 334.38 MOLFM: C*4-H14-N4-O4-S

SYN: N(sub 1)-ISONICOTINOYL-N(sub 2)-p-ACETYL AMINO-BENZEN-SULFONHYDRAZINE (French) * 4-PYRIDINECARBOXYLIC ACID, 2-((4-(ACETYLAMINO)PHENYL)SULFONYL)HYDRAZIDE

TOXICITY DATA AND REFERENCES:

3F07F25F29	ipr-mus LD50:575 mg/kg	THERAP 27,309,72

ISONICOTINIC ACID AMIDE see: NR9500000

NS1150000 ISONICOTINIC ACID, 3-(2-AMINOETHYL)INDOL-5-YL ESTER, MONOACETATE

UPDT:8310 CAS: 19616-02-5 MW: 341.40 MOLFM: C16-H15-N3-O2 C2-H4-O2

SYN: 3-(2-AMINOETHYL)INDOL-5-YL ESTER of ISONICOTINIC ACID ACETATE

TOXICITY DATA AND REFERENCES:

3F07J22K12	ivn-mus LD50:130 mg/kg	PCJOAU 2,125,68

NS1225000 ISONICOTINIC ACID, 2-(2-(BENZYLCARBAMOYL)ETHYL)HYDRAZIDE

UPDT:8302 CAS: 51-12-7 MW: 298.38 MOLFM: C16-H18-N4-O2

SYN: BEIH * N(sup 1)-beta-BENZYLCARBAMOYLETHYL-N(sup 2)ISONICOTINOYLHYDRAZINE * N-(2-(BENZYLCARBAMYL)ETHYLAMINO)ISONICOTINAMIDE * 2-(2-BENZYLCARBAMYL)ETHYL)-HYDRAZIDE ISONICOTINIC ACID * 1-(2-(BENZYLCARBAMOYL)ETHYL)-2-ISONICOTINOYLHYDRAZINE * N-BENZYL-beta-(ISONICOTINOYLHYDRAZINE)PROPIONAMIDE * N-BENZYL-beta-(ISONICOTINYLHYDRAZINO)PROPIONAMIDE * DELMONEURINA * ESPRIL * ISALIZINA * N-ISONICOTINOYL-N'(beta-N-BENZYLCARBOXAMIDOETHYL)HYDRAZINE * MYGAL * NIALAMIDE * NIAMID * NIAMIDAL * NIAMIDE * NIAQUITIL * NUREDAL * NYAZIN * P 1133 * PSICODISTEN * 4-PYRIDINECARBOXYLIC ACID 2-(3-OXO-3-((PHENYLMETHYL)AMINO)PROPYL)HYDRAZIDE * SURGEX

MUTATION DATA AND REFERENCES:

	mmo-sat 10 ug/plate	MUREAV 40,305,76
	mmo-sat 10 ug/plate	PLRCAT 12,423,80
	dnr-esc 27 umol/plate	JTEHD6 9,287,82
	oms-bcs 10 mmol/L	MUREAV 5,343,68
	dnd-mus-ipr 2450 umol/kg	CNREA8 41,1469,81
	sce-mus-ipr 435 mg/kg	JTEHD6 9,287,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-mus TDLo:24 mg/kg (1-6D preg)	JOFNAK 27,147,63

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:760 mg/kg	TXAPA9 1,524,59
	orl-mus LD50:590 mg/kg	27ZQAG -,269,72
*	ipr-mus LD50:435 mg/kg	85ESA3 9,843,76
	ivn-mus LD50:120 mg/kg	27ZQAG -,269,72

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: IDPYAK 2,209,75; HEPHD2 55,527,80

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NS1245400 ISONICOTINIC ACID, (2-BUTENYLIDENE)HYDRAZIDE

UPDT:8308 MW: 189.24 MOLFM: C10-H11-N3-O

SYN: CIH * CROTONALDEHYDE ISONICOTINIC ACID HYDRAZONE * N'-CROTONALIDENEISONIAZID

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1000 mg/kg	AIPTAK 135,178,62

ISONICOTINIC ACID ester with CHOLINE IODIDE see: GA4770000

NS1246700 ISONICOTINIC ACID, CINNAMYLIDENEHYDRAZIDE

UPDT:8311 MW: 251.31 MOLFM: C15-H13-N3-O

SYN: AT-7

TOXICITY DATA AND REFERENCES:

*	orl-rat LDLo:1 gm/kg	JPMSAE 53,1036,64

NS1390000 ISONICOTINIC ACID, alpha-((DIETHYLAMINO)METHYL)BENZYL ESTER, DIHYDROCHLORIDE

UPDT:8309 MW: 371.34 MOLFM: C18-H22-N2-O2 2Cl-H

TOXICITY DATA AND REFERENCES:

1C17	scu-mus LDLo:200 mg/kg	JACSAT 81,203,59

NS1410000 ISONICOTINIC ACID, (3,4-DIMETHOXYBENZYLIDENE)HYDRAZIDE

UPDT:8311 MW: 285.33 MOLFM: C15-H15-N3-O3

SYN: AT-6

TOXICITY DATA AND REFERENCES:

*	orl-rat LDLo:1 gm/kg	JPMSAE 53,1036,64

NS1423000 ISONICOTINIC ACID, (1,2-DIMETHYL-4-(p-TOLYLSULFONYL)2-BUTENYLIDENE)HYDRAZIDE

UPDT:8311 MW: 371.49 MOLFM: C19-H21-N3-O3-S

SYN: (1,2-DIMETHYL-4-(p-TOLYLSULFONYL)2-BUTENYLIDENE)HYDRAZIDE of ISONICOTINIC ACID

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:310 mg/kg	RPTOAN 45,210,82

NS1425000 ISONICOTINIC ACID, 2-(6,8-DIOXO-5,6,7,8-TETRAHYDROPYRIMIDO(4,5-e)-as-TRIAZIN-3-YL)HYDRAZIDE, DIHYDRATE

UPDT:8303 MW: 336.31 MOLFM: C11-H8-N8-O3 2H2-O

SYN: PYRIMIDO(4,5-e)-as-TRIAZINE-6(5H),8(7H)-DIONE, 3-ISONICOTINOYLHYDRAZINO-, DIHYDRATE

TOXICITY DATA AND REFERENCES:

1Y55	unk-mam LD50:200 mg/kg	PCJOAU 15,789,81

NS1750000 ISONICOTINIC ACID HYDRAZIDE

UPDT:8412 CAS: 54-85-3 MW: 137.16 MOLFM: C6-H7-N3-O

SYN: AMIDON * ANDRAZIDE * ANTIMICINA * ANTITUBERKULOSUM * ARMACIDE * ARMAZIDE * ATCOTIBINE * AZUREN * BACILLIN * BP 5015 * CEDIN * CEMIDON * CHEMIAZID * CHEMIDON * COTINAZIN * CORTINAZINE * COTINIZIN * DEFONIN * DIBUTIN * DIFORIN * DINACRIN * DITUBIN * EBIDENE * ERALON * ERTUBAN * EUTIZON * EVALON * FIMALENE * FSR 3 * GINK * HIA * HIDRANIZIL * HIDRASONIL * HIDRULTA * HIDRUN * HYCOZID * HYDRAZID * HYDRAZIDE * HYOZID * HYZYD * I.A.I. * IDO-TEBIN * IDRAZIDE DELL'ACIDO ISONICOTINICO (Italian) * IDRAZIL * IN-73 * INAH * INH * INIZID * ISCOTIN * ISIDRINA * ISMAZIDE * ISOBICINA * ISOCID * ISOCIDENE * ISOCOTIN * ISOLYN * ISONERIT * ISONEX * ISONIACID * ISONIAZID * ISONIAZIDE * ISONICAZIDE * ISONICID * ISONICO * ISONICOTAN * ISONICOTIL * ISONICOTINHYDRAZID * ISONICOTINIC ACID HYDRAZIDE * ISONICOTINOYL HYDRAZIDE * ISONICOTINOYLHYDRAZINE * ISONICOTINYL HYDRAZIDE * ISONIDE * ISONIDRIN * ISONIKAZID * ISONILEX * ISONIN * ISONINDON * ISONIRIT * ISONITON * ISONIZIDE * ISOTEBE * ISOTEBEZID * ISOTINYL * ISOZIDE * ISOZYD * L 1945 * LANIAZID * LANIOZID * MYBASAN * NEOTEREN * NEO-TIZIDE * NEOXIN * NEUMANDIN * NEVIN * NIADRIN * NICAZIDE * NICETAL * NICIZINA * NICONYL * NICOTIBINA * NICOTIBINE * NICOZIDE * NIDATON * NIDRAZID * NIKOZID * NIPLEN * NITADON * NITEBAN * NSC 9659 * NYDRAZID * NYSCOZID * PELAZID * PERCIN * PHTHISEN * PREPARATION 6424 * PYCAZIDE * PYREAZID * PYRICIDIN * PYRIDICIN * 4-PYRIDINECARBOXYLIC ACID, HYDRAZIDE * PYRIZIDIN * RAUMANON * RAZIDE * RETOZIDE * RIMICID * RIMIFON * RIMITSID * ROBISELIN * ROBISELLIN * ROXIFEN * 5015 RP * RU-EF-TB * SANOHIDRAZINA * SAUTERAZID * SAUTERZID * STANOZIDE * TB-PHLOGIN * TB-RAZIDE * TB-VIS * TEBECID * TEBENIC * TEBEXIN * TEBILON * TEBOS * TEEBACONIN * TEKAZIN * TIBAZIDE * TIBEMID * TIBINIDE * TIBISON * TIBIVIS * TIBIZIDE * TIBUSAN * TISIN * TISIODRAZIDA * TIZIDE * TUBAZID * TUBAZIDE * TUBECO * TUBERCID * TUBERIAN * TUBICON * TUBOMEL * TYVID * UNICOCYDE * UNICOZYDE * USAF CB-2 * VAZADRINE * VEDERON * ZINADON * ZONAZIDE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	TXAPA9 4,44,62

MUTATION DATA AND REFERENCES:

	mmo-sat 1 mg/plate	CRNGDP 5,391,84
	mmo-sat 2 mg/plate	CRNGDP 5,391,84
	oms-bcs 10 mmol/L	MUREAV 5,343,68
	dnr-omi 7 mg/plate	BIZNAT 95,463,76
	mrc-smc 25 mmol/L	MUREAV 91,215,81
	dns-hmn:fbr 500 umol/L	MUREAV 89,9,81
	dni-hmn:fbr 10 mmol/L	MUREAV 89,9,81
	cyt-hmn:leu 5 gm/L	EXPEAM 29,1433,73
	cyt-hmn:bmr 5 mg/L	CRSBAW 169,1326,76
	bfa-rat/sat 90 mg/kg	MUREAV 56,289,78
	cyt-rat-orl 900 mg/kg/12W-I	HUGEDQ 42,9,78
	cyt-rat-ivn 65 mg/kg	LANCAO 2,93,71
	hma-rat/sat 150 mg/kg	MUREAV 41,89,76
	slt-mus-ipr 100 mg/kg	PJPPAA 31,689,79
	dnd-mus-ipr 960 umol/kg	CNREA8 41,1469,81
	dni-mus-ipr 90 mg/kg	IJEBA6 19,939,81
	oms-mus-ipr 14700 ug/kg	NULSAK 22,96,79
	cyt-mus-orl 50 mg/kg/24H-I	HUGEDQ 42,15,78
	cyt-mus:ast 1 mmol/L	PHARAT 32,178,77
	cyt-mus:mmr 3200 umol/L/24H-C	JTSCDR 5,141,80
	cyt-mus-ipr 14700 ug/kg	NULSAK 22,96,79
	hma-mus/sat 150 mg/kg	MUREAV 41,89,76
	spm-mus-ipr 900 mg/kg	REBPAT 13,1,76
	dni-ham:ovr 10 mmol/L	MUREAV 50,251,78

	cyt-ham-orl 10 mg/kg/2W-I	HUGEDQ 42,9,78
	cyt-ham:lng 1 gm/L	AMONDS 3,253,80
	cyt-ham:fbr 3 gm/L	ESKHA5 96,55,78
	sce-ham:ovr 1 mmol/L	MUREAV 68,351,79
	sce-ham:lng 10 mmol/L	HUGEDQ 54,155,80
	hma-ham/sat 150 mg/kg	MUREAV 41,89,76
	hma-gpg/sat 150 mg/kg	MUREAV 41,89,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T26	scu-rat TDLo:2790 ug/kg (6-14D preg)	DPHFAK 23,383,71
2T41T46	scu-rat TDLo:27900 ug/kg (6-14D preg)	DPHFAK 23,383,71
2T35T91	orl-mus TDLo:1848 mg/kg (1-21D preg)	IJEBA6 18,1104,80
3T25T26T46	scu-mus TDLo:160 mg/kg (6-13D preg)	GJMSA7 14,233,65
2T25T26	orl-rbt TDLo:40 mg/kg (7-14D preg)	DPHFAK 23,383,71

TUMORIGENIC DATA AND REFERENCES:

3V02J60R60	orl-rat TDLo:55 gm/kg/45W-C	JNCIAM 41,331,68
3V01T65J60	orl-mus TDLo:1892 mg/kg (MGN)	JCROD7 105,258,83
2V01J60	orl-mus TDLo:18524 mg/kg/84W-I	JCROD7 105,258,83
3V01P61P62	ipr-mus TDLo:2200 mg/kg/8W-I	UICMAI 7,180,67
2V02J60	scu-mus TDLo:5040 mg/kg/18W-C	GANNA2 51,83,60
2V02J61	unk-mus TDLo:27400 mg/kg/39W-C	PAPOAC 12,53,61
3V01J60L60	orl-mus TD :93 gm/kg/70W-C	CNREA8 26,1473,66
2V02J60	orl-mus TD :15 gm/kg/30W-C	GANNA2 51,83,60
3V02J60L60	orl-mus TD :27 gm/kg/49W-C	JNCIAM 41,331,68
2V01J60	orl-mus TD :79576 mg/kg/98W-C	TUMOAB 56,315,70
3V03J60U01	orl-mus TD :8880 mg/kg/19W-C	GANNA2 50,107,59
3V03J61L60	scu-mus TD :269 mg/kg/21D-I	JCROD7 96,163,80
3V02J60L60	orl-mus TD :9 gm/kg/17W-I	IJCNAW 21,381,78
3V02J60L60	orl-mus TD :2240 mg/kg/4W-I	BJCAAI 18,543,64
2V02J60	orl-mus TD :6720 mg/kg/32W-C	JLCMAK 60,1025,62
2V02J60	ipr-mus TD :2240 mg/kg/32W-C	JLCMAK 60,1025,62

TOXICITY DATA AND REFERENCES:

	orl-hmn LDLo:100 mg/kg	ARDSBL 105,206,72
2F01F12	orl-man TDLo:430 mg/kg	NEURAI 20,299,70
3C04F07J25	orl-man TDLo:5628 mg/kg/2.5Y	PRACAK 211,773,73
3F14R20M30	orl-man TDLo:100 mg/kg/3W-C	ARDSBL 106,849,72
*	orl-rat LD50:650 mg/kg	85ESA3 9,680,76
	scu-rat LD50:329 mg/kg	JPETAB 119,444,57
1V30	orl-mus LD50:160 mg/kg	JAPMA8 44,591,55
*	ipr-mus LD50:158 ug/kg	PCJOAU 16,587,82
1F12	scu-mus LD50:160 mg/kg	ARTUA4 65,376,52
	ivn-mus LD50:149 mg/kg	JPETAB 122,110,58
*	ims-mus LD50:140 mg/kg	ARTUA4 65,376,52
	orl-dog LD50:100 mg/kg	TXAPA9 10,183,67
	orl-rbt LD50:250 mg/kg	ARZNAD 12,22,62
	scu-rbt LD50:295 mg/kg	ARZNAD 12,22,62
1F12	ivn-rbt LD50:94 mg/kg	ARTUA4 65,376,52
	orl-gpg LD50:450 mg/kg	ARZNAD 12,22,62
	scu-gpg LD50:255 mg/kg	ARZNAD 12,22,62

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AJHPA9 32(2),202,75; CRTXB2 2,365,73; MMWOAU 115(39),1685,73; MUREAV 39,111,77

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 4,159,74

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NS1752000 ISONICOTINIC ACID HYDRAZIDE, HYDRAZONE with D-GALACTURONIC ACID

UPDT:8408 MW: 313.30 MOLFM: C12-H15-N3-O7

SYN: D-GALACTURONIC ACID ISONICOTINYL HYDRAZONE

TOXICITY DATA AND REFERENCES:

1V30	orl-mus LD50:1400 mg/kg	JAPMA8 44,591,55
1V30	ipr-mus LD50:2200 mg/kg	JAPMA8 44,591,55

NS1752200 ISONICOTINIC ACID HYDRAZIDE, HYDRAZONE with D-GLUCURONIC ACID LACTONE

UPDT:8408 MW: 295.28 MOLFM: C12-H13-N3-O6

SYN: D-GLUCURONOLACTONE ISONICOTINYL HYDRAZONE

TOXICITY DATA AND REFERENCES:

1V30	orl-mus LD50:1100 mg/kg	JAPMA8 44,591,55
1V30	ipr-mus LD50:2 gm/kg	JAPMA8 44,591,55

NS1752400 ISONICOTINIC ACID HYDRAZIDE, HYDRAZONE with D-MANNURONIC ACID

UPDT:8408 MW: 313.30 MOLFM: C12-H15-N3-O7

SYN: D-MANNURONIC ACID ISONICOTINYL HYDRAZONE

TOXICITY DATA AND REFERENCES:

1V30	orl-mus LD50:1 gm/kg	JAPMA8 44,591,55
1V30	ipr-mus LD50:1500 mg/kg	JAPMA8 44,591,55

NS1752600 ISONICOTINIC ACID HYDRAZIDE, HYDRAZONE with D-MANNURONIC ACID LACTONE

UPDT:8408 MW: 295.28 MOLFM: C12-H13-N3-O6

SYN: D-MANNURONOLACTONE ISONICOTINYL HYDRAZONE

TOXICITY DATA AND REFERENCES:

1V30	orl-mus LD50:1100 mg/kg	JAPMA8 44,591,55
1V30	ipr-mus LD50:1400 mg/kg	JAPMA8 44,591,55

ISONICOTINIC ACID HYDRAZIDE see: NS1750000

NS1790000 ISONICOTINIC ACID, (m-HYDROXYBENZYLIDENE)HYDRAZIDE

UPDT:8311 MW: 241.27 MOLFM: C13-H11-N3-O2

SYN: AT-2

TOXICITY DATA AND REFERENCES:

*	orl-rat LDLo:1 gm/kg	JPMSAE 53,1036,64

NS1790010 ISONICOTINIC ACID, (o-HYDROXYBENZYLIDENE)HYDRAZIDE

UPDT:8311 MW: 241.27 MOLFM: C13-H11-N3-O2

SYN: AT-1

TOXICITY DATA AND REFERENCES:

*	orl-rat LDLo:1 gm/kg	JPMSAE 53,1036,64

NS1900000 ISONICOTINIC ACID, IMIDAZOL-4-YLMETHYL ESTER, DIHYDROCHLORIDE

UPDT:8303 CAS: 20062-43-5 MW: 276.14 MOLFM: C10-H9-N3-O2 2Cl-H

SYN: IMIDAZOLE-4-METHANOL ISONICOTINATE (ester) DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F05F17U26	ipr-mus LD50:1000 mg/kg	PCJOAU 2,360,68

NS1925000 ISONICOTINIC ACID, 2-ISOPROPYLHYDRAZIDE

UPDT:8412 CAS: 54-92-2 MW: 179.25 MOLFM: C9-H13-N3-O

SYN: EUPHOZID * FOSFAZIDE * IIH * IPN * IPRAZID * IPRONIAZID * IPRONID * IPRONIN * 1-ISONICOTINYL-2-ISOPROPYLHYDRAZINE * 1-ISONICOTINOYL-2-ISOPROPYLHYDRAZINE * N-ISOPROPYL ISONICOTINHYDRAZIDE * LH * MARSALID * MARSILID * RIVIVOL * RO 2-4572 * YATROZIDE

MUTATION DATA AND REFERENCES:

	oms-bcs 10 mmol/L	MUREAV 5,343,68

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T21	scu-rat TDLo:76 mg/kg (3D male)	ANENAG 24(Suppl 3),1,63
1T29	scu-mus TDLo:20 mg/kg (4-7D preg)	JOENAK 27,147,63
1T35	scu-mus TDLo:1200 mg/kg (6-11D preg)	SCIEAS 131,1101,60
1T71	scu-mus TDLo:1200 mg/kg (11-16D preg)	SCIEAS 131,1101,60

TUMORIGENIC DATA AND REFERENCES:

2V03J60	orl-mus TDLo:10 gm/kg/36W-I	34ZRA9 -,869,66

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:365 mg/kg	NATUAS 185,532,60
1F02	ipr-rat LD50:375 mg/kg	JJPAAZ 13,186,63
	scu-rat LD50:538 mg/kg	JPETAB 119,444,57
	unk-rat LD50:350 mg/kg	ARZNAD 20,363,70
	orl-mus LD50:681 mg/kg	BJPCBM 34,236,68
1F02	ipr-mus LD50:475 mg/kg	JJPAAZ 13,186,63
1F12	scu-mus LD50:750 mg/kg	ARTUA4 65,376,52
1F12	ivn-mus LD50:725 mg/kg	ARTUA4 65,376,52
1F12	ims-mus LD50:683 mg/kg	ARTUA4 65,376,52
*	orl-dog LD50:95 mg/kg	ANYAA9 80,626,59
	orl-mky LD50:640 mg/kg	ANYAA9 80,626,59
	orl-rbt LD50:150 mg/kg	27ZQAG -,239,72
	skn-rbt LDLo:2000 mg/kg	HURC** -,-,72
	ivn-rbt LD50:150 mg/kg	ARTUA4 65,376,52

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: MUREAV 39,111,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NS1954000 ISONICOTINIC ACID, (ISOPROPYLIDENEACETONYL)HYDRAZONE

UPDT:8308 MW: 219.32 MOLFM: C12-H17-N3-O

SYN: MESITYL OXIDE ISONICOTINIC ACID HYDRAZONE * MIH

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1000 mg/kg	AIPTAK 135,178,62

NS2000000 ISONICOTINIC ACID, alpha-METHYLFURFURYLIDENEHYDRAZIDE

UPDT:8306 CAS: 3460-67-1 MW: 229.26 MOLFM: C12-H11-N3-O2

SYN: CLITIZINA * FURILAZONE * 2-FURYL METHYL KETONE ISONICOTINOYLHYDRAZONE * INF * MENAZONE * alpha-METHYLFURFURYLIDENEHYDRAZIDE of ISONICOTINIC ACID * 4-PYRIDINECARBOXYLIC ACID (1-(2-FURANYL)ETHYLIDENE)HYDRAZONE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:110 mg/kg	KSKZAN 16(2),59,78
	ipr-mus LD50:247 mg/kg	85ESA3 9,657,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NS2030000 ISONICOTINIC ACID, 2-(2-METHYL-4-OXO-3,4-DIHYDRO-3-QUINAZOLINYL)ETHYL ESTER

UPDT:8407 MW: 309.35 MOLFM: C17-H15-N3-O3

SYN: 3-(2-HYDROXYETHYL)-2-METHYL-4(3H)-QUINAZOLINONE 4-PYRIDYLFORMATE * 4(3H)-QUINAZOLINONE, 3-(2-HYDROXYETHYL)-2-METHYL-, ISONICOTINATE

TOXICITY DATA AND REFERENCES:

3F17F18F23	par-mus LD50:800 mg/kg	PCJOAU 7,626,73

NS2080000 ISONICOTINIC ACID, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, DIHYDROCHLORIDE

UPDT:8309 MW: 369.32 MOLFM: C18-H20-N2-O2 2Cl-H

TOXICITY DATA AND REFERENCES:

1C17	scu-mus LDLo:250 mg/kg	JACSAT 81,203,59

NS2100000 ISONICOTINIC ACID, SODIUM SALT

UPDT:8401 CAS: 16887-79-9 MW: 145.10 MOLFM: C6-H4-N-O2 Na

SYN: SODIUM SALT of ISONICOTINIC ACID

TUMORIGENIC DATA AND REFERENCES:

2V03J60	orl-mus TDLo:13 gm/kg/46W-I	NATUAS 194,488,62

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NS2150000 ISONICOTINIC ACID, 2-(SULFOMETHYL)HYDRAZIDE, MONOSODIUM SALT, HYDRATE

UPDT:8406 MW: 271.25 MOLFM: C7-H8-N3-O4-S Na H2-O

SYN: METANESULFONATO dell'IDRAZIDE ISONICOTNICA (Italian)

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:1400 mg/kg	AIPTAK 93,105,53

NS2275000 ISONICOTINIC ACID, 2-(SULFOMETHYL)HYDRAZIDE, SODIUM SALT

UPDT:8401 CAS: 3804-89-5 MW: 253.23 MOLFM: C7-H8-N3-O4-S Na

SYN: ISONIAZID SODIUM METHANESULFONATE * NEOISCOTIN * NEOTIZIDE * NEO-TIZIDE SODIUM SALT * SODIUM ISONICOTINYL HYDRAZINE METHANSULFONATE * SODIUM METHANESULFONATE

TUMORIGENIC DATA AND REFERENCES:

2V03J60	orl-mus TDLo:101 gm/kg/30W-C	GANNA2 51,83,60

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1100 mg/kg	NIIRDN 6,74,82
	scu-mus LD50:1500 mg/kg	TXAPA9 8,325,66
	orl-dog LDLo:250 mg/kg	TXAPA9 10,183,67

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NS2293000 ISONICOTINIC ACID, 2-((p-TOLYL)SULFONYL)HYDRAZINE

UPDT:8308 CAS: 35285-70-2 MW: 291.35 MOLFM: C13-H13-N3-O3-S

SYN: N(sub 1)-ISONICOTINOYL-N(sub 2)-p-TOLYL-SULFONHYDRAZINE (French) * 4-PYRIDINECARBOXYLIC ACID, 2-((p-TOLYL)SULFONYL)HYDRAZIDE

TOXICITY DATA AND REFERENCES:

3F07F25F29	ipr-mus LD50:1000 mg/kg	THERAP 27,309,72

NS2299300 ISONICOTINOHYDROXAMIC ACID

UPDT:8408 CAS: 4427-22-9 MW: 138.14 MOLFM: C6-H6-N2-O2

SYN: PYRIDINE-4-CARBOHYDROXAMIC ACID * 4-PYRIDINECARBOXAMIDE, N-HYDROXY- (9CI) * ISONICOTINYLHYDROXAMIC ACID

MUTATION DATA AND REFERENCES:

	mmo-sat 5 umol/plate	MUREAV 135,139,84

N(sub 1)-ISONICOTINOYL-N(sub 2)-p-ACETYL-AMINO-BENZEN-SULFONHYDRAZINE (French) see: NS1104000

N-ISONICOTINOYL-N'(beta-N-BENZYLCARBOXAMIDOETHYL)HYDRAZINE see: NS1225000

ISONICOTINOYL HYDRAZIDE see: NS1750000

ISONICOTINOYLHYDRAZINE see: NS1750000

ISONICOTINOYL-HYDRAZONE-GLYOXYLATE DE STREPTOMYCINE (French) see: WK2231200

4-(ISONICOTINOYLHYDRAZONE)PIMELIC ACID see: MI9800000

1-ISONICOTINOYL-2-ISOPROPYLHYDRAZINE see: NS1925000

N(sub 1)-ISONICOTINOYL-N(sub 2)-p-TOLYL-SULFONHYDRAZINE (French) see: NS2293000

ISONICOTINYL HYDRAZIDE see: NS1750000

ISONICOTINYLHYDROXAMIC ACID see: NS2299300 ISONICOTINOHYDROXAMIC ACID

1-ISONICOTINYL-2-ISOPROPYLHYDRAZINE see: NS1925000

ISONIDE see: NS1750000

ISONIDRIN see: NS1750000

ISONIKAZID see: NS1750000

ISONILEX see: NS1750000

ISONIN see: NS1750000

ISONINDON see: NS1750000

ISONIPACOTAMIDE, 1-(3-(p-FLUOROBENZOYL)PROPYL)-4-PIPERIDINO- see: DW1050000

ISONIPECAINE see: NS5775000

ISONIPECAINE HYDROCHLORIDE see: NS5950000

NS5075000 ISONIPECOTAMIDE, 1-(3-(2-(METHYLSULFONYL)PHENOTHIAZIN-10-YL)PROPYL)-

UPDT:8403 CAS: 14008-44-7 MW: 445.64 MOLFM: C22-H27-N3-O3-S2

SYN: EXP 999 * 10-(3-(4-CARBAMOYLPIPERIDINE)PROPYL)-2-(METHANESULFONYL)PHENOTHIAZINE * 2-METHYLSULFONYL-10-(3-(4-CARBAMOYLPIPERIDINO)PROPYL)PHENOTHIAZINE * 1-(3-(2-(METHYLSULFONYL)PHENOTHIAZIN-10-YL)PROPYL)ISONIPECOTAMIDE * 1-(3-(2-(METHYLSULFONYL)PHENOTHIAZIN-10-YL)PROPYL)-4-PIPERIDINECARBOXAMIDE * 1-(3-(2-(METHYLSULFONYL)-10H-PHENOTHIAZIN-10-YL)PROPYL)-4-PIPERIDINECARBOXAMIDE * METOPIMAZINE * RP 9965 * VOGALENE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:976 mg/kg TXAPA9 18,185,71
scu-rat LD50:1080 mg/kg TXAPA9 18,185,71
orl-mus LD50:800 mg/kg 27ZQAG -,32,72
ipr-mus LD50:95 mg/kg 27ZQAG -,32,72
scu-mus LD50:315 mg/kg 27ZQAG -,32,72
ivn-mus LD50:90 mg/kg 27ZQAG -,32,72

NS5250000 ISONIPECOTIC ACID, 1-(p-AMINOPHENYL)-4-PHENYL-, ETHYL ESTER, DIHYDROCHLORIDE
UPDT:8405 CAS: 126-12-5 MW: 425.44 MOLFM: C22-H28-N2-O2 .2Cl-H
SYN: ALIDINE * 1-(p-AMINOPHENETHYL)-4-PHENYLISONIPECOTIC ACID, ETHYL ESTER * 1-(p-AMINOPHENETHYL)-4-PHENYLPIPERIDINE-4-CARBOXYLIC ACID ETHYL ESTER * N-beta-(p-AMINOPHENYL)ETHYLNORMEPERIDINE * N-(beta-(p-AMINOPHENYL)ETHYL)-4-PHENYL-4-CARBETHOXYPIPERIDINE * 1-(2-(4-AMINOPHENYL)ETHYL)-4-PHENYL-4-PIPERIDINECARBOXYLIC ACID ETHYL ESTER * ANILERIDINE * APODOL * ETHYL 1-(p-AMINOPHENETHYL)-4-PHENYLISONIPECOTATE * ETHYL 1-(4-AMINOPHENETHYL)-4-PHENYLISONIPECOTATE * LERITINE * NIPECOTAN * 4-PIPERIDINECARBOXYLIC ACID, 1-(2-(4-AMINOPHENYL)ETHYL)-4-PHENYL-, ETHYL ESTER

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:30 mg/kg ARVPAX 10,255,70

NS5254000 ISONIPECOTIC ACID, 1-((p-AMINOPHENYL)CARBAMOYL)-4-PHENYL-, ETHYL ESTER
UPDT:8303 MW: 367.49 MOLFM: C21-H25-N3-O3
SYN: 1-((p-AMINOPHENYL)CARBAMOYL)-4-PHENYL-ISONIPECOTIC ACID ETHYL ESTER

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:30 mg/kg FRPSAX 13,777,58

NS5265000 ISONIPECOTIC ACID, 1-(2-ANILINOETHYL)-4-PHENYL-, ETHYL ESTER, ETHANESULFONATE (salt)
UPDT:8406 MW: 462.66 MOLFM: C22-H28-N2-O2 .C2-H6-O3-S
SYN: 1-(2-ANILINOETHYL)-4-PHENYLISONIPECOTIC ACID ETHYL ESTER ETHANESULFONATE * ETHYL 4-PHENYL-1-(2-(PHENYLAMINO)ETHYL)PIPERIDINE-4-CARBOXYLATE ETHANESULFONATE * WIN 13,797-3

TOXICITY DATA AND REFERENCES:
2F12F13 ivn-mus LD50:22 mg/kg JAPMA8 48,365,59

NS5270000 ISONIPECOTIC ACID, 1-(3-(2-CHLORO-10-PHENOTHIAZINYL)PROPYL)-, HYDROCHLORIDE
UPDT:8407 CAS: 73826-55-8 MW: 467.49 MOLFM: C23-H27-Cl-N2-O2-S .Cl-H
SYN: 10-(3-(1-(4-CARBETHOXYPIPERIDYL))PROPYL)-2-CHLOROPHENOTHIAZINE HYDROCHLORIDE * 4-PIPERIDINECARBOXYLIC ACID, 1-(3-(2-CHLORO-10-PHENOTHIAZINYL)PROPYL)-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:71 mg/kg CSLNX* NX#01213

NS5275000 ISONIPECOTIC ACID, 1-((p-CHLOROPHENYL)CARBAMOYL)-4-PHENYL-, ETHYL ESTER
UPDT:8303 MW: 386.91 MOLFM: C21-H23-Cl-N2-O3
SYN: 1-((p-CHLOROPHENYL)CARBAMOYL)-4-PHENYL-ISONIPECOTIC ACID ETHYL ESTER

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:30 mg/kg FRPSAX 13,777,58

NS5300000 ISONIPECOTIC ACID, 1-(3-CYANO-3,3-DIPHENYLPROPYL)-4-PHENYL-, ETHYL ESTER, HYDROCHLORIDE
UPDT:8411 CAS: 3810-80-8 MW: 489.10 MOLFM: C30-H32-N2-O2 .Cl-H
SYN: 1-(3-CYANO-3,3-DIPHENYLPROPYL)-4-PHENYLISONIPECOTIC ACID ETHYL ESTER HYDROCHLORIDE * DIPHENOXYLATE HYDROCHLORIDE * ETHYL 1-(3-CYANO-3,3-DIPHENYLPROPYL)-4-PHENYLISONIPECOTATE MONOHYDROCHLORIDE * LOMOTIL

TOXICITY DATA AND REFERENCES:
3G30J22U26 orl-chd LDLo:1515 ug/kg LANCAO 1,150,69
3F01F07J25 orl-chd TDLo:2300 ug/kg ADCHAK 54,222,79
* orl-rat LD50:221 mg/kg ARZNAD 24,1633,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NS5310000 ISONIPECOTIC ACID, 1-(3-CYANO-3,3-DIPHENYLPROPYL)-4-PHENYL-, HYDROCHLORIDE
UPDT:8412 CAS: 35607-36-4 MW: 461.04 MOLFM: C28-H28-N2-O2 .Cl-H

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:149 mg/kg ARZNAD 24,1633,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NS5425000 ISONIPECOTIC ACID, 1-(2-HYDROXY-3-PHENOXYPROPYL)-4-PHENYL-, ETHYL ESTER, HYDROCHLORIDE
UPDT:8401 CAS: 63905-54-4 MW: 419.99 MOLFM: C23-H29-N-O4 .Cl-H
SYN: B.D.H. 200 HYDROCHLORIDE * 4-ETHOXYCARBONYL-1-(2-HYDROXY-3-PHENOXYPROPYL)-4-PHENYLPIPERIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
orl-mus LD50:419 mg/kg JPPMAB 12,449,60
scu-mus LD50:145 mg/kg JPPMAB 12,449,60

NS5775000 ISONIPECOTIC ACID, 1-METHYL-4-PHENYL-, ETHYL ESTER
UPDT:8411 CAS: 57-42-1 MW: 247.37 MOLFM: C15-H21-N-O2
SYN: DEMAROL * DEMEROL * DOLCONTRAL * DOLOSAL * DOLSIN * ETHYL 1-METHYL-4-PHENYLISONIPECOTATE * ETHYL 1-METHYL-4-PHENYLPIPERIDINE-4-CARBOXYLATE * ISONIPECAINE * LIDOL * MEPERIDINE * N-METHYL-4-PHENYL-4-CARBETHOXYPIPERIDINE * 1-METHYL-4-PHENYLISONIPECOTIC ACID ETHYL ESTER * 1-METHYL-4-PHENYL-PIPERIDIN-4-CARBON-SAEURE-AETHYLESTER-HYDROCHLORID (German) * 1-METHYL-4-PHENYLPIPERIDINE-4-CARBOXYLIC ACID ETHYL ESTER * NEMEROL * PETHIDINE * PETHIDINETER * PHETIDINE * PIPERSAL * PIRIDOSAL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T77 ims-wmn TDLo:2 mg/kg (39W preg) AJOGAH 64,1368,52

TOXICITY DATA AND REFERENCES:
unk-man LDLo:15 mg/kg 85DCAI 2,73,70
orl-rat LD50:162 mg/kg AIPTAK 180,155,69
* ipr-rat LD50:87 mg/kg JAPMA8 47,323,58
3D16F29H02 scu-rat LD50:180 mg/kg TXAPA9 17,344,70
1F29 ivn-rat LD50:29 mg/kg DDREDK 1,83,81
idu-rat LD50:90 mg/kg AIPTAK 180,155,69
* orl-mus LD50:200 mg/kg AIPTAK 135,376,62
* ipr-mus LD50:150 mg/kg AIPTAK 135,376,62
* scu-mus LD50:112 mg/kg JAPMA8 47,323,58
ivn-mus LD50:41 mg/kg SCIEAS 104,587,46
par-mus LD50:178 mg/kg JMCMAR 11,889,68

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLCHAU 19,361,73; FNSCA6 2,67,73; IJMDAI 12,1141,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NS5800000 ISONIPECOTIC ACID, 1-METHYL-4-PHENYL-, ETHYL ESTER and 10-(3-(DIMETHYLAMINO)PROPYL) PHENOTHIAZINE (2:1)
UPDT:8305
SYN: PETHIDINE and PROMAZINE (2:1) * PROMAZINE and PETHIDINE (1:2)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T75T77 ivn-wmn TDLo:3 mg/kg (42W preg) BMJOAE 2,432,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NS5950000 ISONIPECOTIC ACID, 1-METHYL-4-PHENYL-, ETHYL ESTER, HYDROCHLORIDE
UPDT:8411 CAS: 50-13-5 MW: 283.83 MOLFM: C15-H21-N-O2 .Cl-H
SYN: ALGIL * ALODAN (GEROT) * ANTIDUROL * CENTRALGIN * CHLORBICYCLENE (French) * CHLORBYCYCLEN * DEMEROL * DEMEROL HYDROCHLORIDE * DISPADOL * DOLANTAL * DOLANTIN * DOLANTIN HYDROCHLORIDE * DOLANTOL * DOLAREN * DOLARGAN * DOLCONTRAL * DOLENA * DOLENOL * DOLESTINE * DOLOGAL * DOLOPETHIN * DOLOSAL * DOLIN * DOLONEURINE * DOLVANOL * ENDOLAT * ETHYL-1-METHYL-4-PHENYLISONIPECOTATE HYDROCHLORIDE * ETHYL 1-METHYL-4-PHENYLPIPERIDINE-4-CARBOXYLATE HYDROCHLORIDE * ETHYL 1-METHYL-4-PHENYLPIPERIDYL-4-CARBOXYLATE HYDROCHLORIDE * ISONIPECAINE HYDROCHLORIDE * LIDOL * LYDOL * MEFEDINA * MEPADIN * MEPERIDINE HYDROCHLORIDE * MEPHEDINE * 1-METHYL-4-CARBETHOXY-4-PHENYLPIPERIDINE HYDROCHLORIDE * N-METHYL-4-PHENYL-4-CARBETHOXYPIPERIDINE HYDROCHLORIDE * 1-METHYL-4-PHENYL-4-CARBOETHOXYPIPERIDINE HYDROCHLORIDE * 1-METHYL-4-PHENYLISONIPECOTIC ACID ETHYL ESTER HYDROCHLORIDE * OPERIDINE * PANTALGINE * PENTANTIN * PETANTIN HYDROCHLORIDE * PETHIDINE CHLORIDE * PETHIDINE, HYDROCHLORIDE * PETIDIN * 4-PIPERIDINECARBOXYLIC ACID, 1-METHYL-4-PHENYL-, ETHYL ESTER, HYDROCHLORIDE * PIRIDOSAL * S 140 * SAUTERALGYL * SPASMEDAL * SPASMODOLIN * SYNELAUDINE * WY 554

MUTATION DATA AND REFERENCES:
mnt-mus-ipr 8 mg/kg IJMRAQ 75,112,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T41 scu-ham TDLo:146 mg/kg (8D preg) AJOGAH 123,705,75
1T59 scu-ham TDLo:250 mg/kg (8D preg) AJOGAH 123,705,75

TOXICITY DATA AND REFERENCES:
orl-rat LD50:170 mg/kg JPETAB 103,147,51
3F12F13F21 ipr-rat LD50:65 mg/kg TXCYAC 14,217,79
scu-rat LD50:175 mg/kg ARZNAD 3,238,53
ivn-rat LD50:17 mg/kg AIPTAK 115,213,58
* orl-mus LD50:178 mg/kg NIIRDN 6,755,82
* ipr-mus LD50:132 mg/kg JJPAAZ 18,406,68
* scu-mus LD50:150 mg/kg ARZNAD 28,164,78
ivn-mus LD50:32 mg/kg TXAPA9 6,334,64
1F29 ivn-dog LD50:68 mg/kg AIPTAK 149,571,64
orl-cat LDLo:100 mg/kg JPETAB 103,147,51
scu-cat LD50:100 mg/kg JPETAB 103,147,51
orl-rbt LD50:500 mg/kg JPETAB 103,147,51
2F29J30 scu-rbt LDLo:200 mg/kg AEPPAE 216,48,52
2F29J30 ivn-rbt LD50:20 mg/kg AEPPAE 216,48,52
scu-gpg LDLo:100 mg/kg HBAMAK 4,1289,35
par-frg LD50:515 mg/kg JPETAB 103,147,51

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NS6195800 ISONIPECOTIC ACID, 4-PHENYL-1-PHENYLCARBAMOYL-, ETHYL ESTER
UPDT:8303 MW: 352.47 MOLFM: C21-H24-N2-O3
SYN: 4-PHENYL-1-PHENYLCARBAMOYL-ISONIPECOTIC ACID ETHYL ESTER

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:35 mg/kg FRPSAX 13,777,58

NS6197040 ISONIPECOTIC ACID, 4-PHENYL-1-p-TOLYLCARBAMOYL-, ETHYL ESTER
UPDT:8303 MW: 366.50 MOLFM: C22-H26-N2-O3
SYN: 4-PHENYL-1-p-TOLYLCARBAMOYLISONIPECOTIC ACID ETHYL ESTER

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:75 mg/kg FRPSAX 13,777,58

ISONIRIT see: NS1750000
ISONITON see: NS1750000
ISONITROPROPANE see: TZ5250000
5-ISONITROSOBARBITURIC ACID see: BA4225000
N-(p-(1-ISONITROSOETHYL)PHENOXYACETYL)PIPERIDINE see: AM9700000
ISONITROSOPROPIOPHENONE see: UH2975000
ISONIXIN see: US4600000
ISONIXINE see: US4600000
ISONIZIDE see: NS1750000
ISONONANYL PEROXIDE (DOT) see: NS7200000
ISONONYL ACETATE see: AK0840000
ISONORENE see: DO1750000
ISONORIN see: DO1750000
ISONYLALDEHYDE see: MN7820000

NS7200000 ISONONYL PEROXIDE
UPDT:8308 MW: 286.56 MOLFM: C18-H38-O2
SYN: DI-(3,5,5-TRIMETHYLHEXANOYL)PEROXIDE (DOT) * ISONONANYL PEROXIDE (DOT) * UN 2128 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

ISOOCTANE see: SA3320000
ISOOCTANE (DOT) see: SA3320000
ISOOCTANOL see: NS7700000
ISOOCTENE see: SB2715000
ISOOCTENE (DOT) see: SB2715000

NS7700000 ISOOCTYL ALCOHOL
UPDT:8408 CAS: 26952-21-6 MW: 130.26 MOLFM: C8-H18-O
SYN: ISOOCTANOL

IRRITATION DATA AND REFERENCES:
skn-rbt 2600 mg/kg/24H MOD AIHAAP 34,493,73
eye-rbt 100 mg SEV AIHAAP 34,493,73

TOXICITY DATA AND REFERENCES:
2F07J22 orl-rat LD50:1480 mg/kg AIHAAP 34,493,73
" orl-mus LD50:1670 mg/kg 85GMAT -,77,82
skn-rbt LD50:2520 mg/kg 31ZTAS -,76,68

REVIEW AND REFERENCES:
★ TLV-TWA 50 ppm DTLVS* 4,235,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ISOOCTYL ALCOHOL, (2,4-DICHLOROPHENOXY)ACETATE see: AG8575000
ISOOCTYL 2,4-DICHLOROPHENOXYACETATE see: AG8575000
ISOOCTYL MERCAPTOACETATE see: AI7300000
ISOOCTYL PHTHALATE see: TI1300000
p-ISOOCTYLPOLYOXYETHYLENEPHENOL FORMALDEHYDE POLYMER see: SM9750000
ISOOCTYL THIOGLYCOLATE see: AI7300000
ISOPAL see: RT4900000
ISOPARATHION see: TF4900000
ISOPENTALDEHYDE see: ES3450000
ISOPENTANE see: EK4430000
ISOPENTANE (DOT) see: EK4430000
ISOPENTANOIC ACID see: NY1400000
ISOPENTANOIC ACID (DOT) see: NY1400000
ISOPENTANOIC ACID, PHENYLMETHYL ESTER see: NY1415000
ISOPENTANOL see: EL5425000
ISOPENTENE see: EM7600000
ISOPENTENE see: EM7520000
ISOPENTENES (DOT) see: EM7520000
ISOPENT-2-ENYL ACETATE see: EM9473700
4-(2-ISOPENTENYL)-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE see: UQ8530000

8-ISOPENTENYLOXYPSORALENE see: LV1575000
ISOPENTYL ACETATE see: NS9800000
ISOPENTYL ALCOHOL see: EL5425000

NS9800000 ISOPENTYL ALCOHOL, ACETATE
UPDT:8404 CAS: 123-92-2 MW: 130.21 MOLFM: C7-H14-O2
SYN: ACETIC ACID, ISOPENTYL ESTER * BANANA OIL * ISOAMYL ACETATE * ISOAMYL ETHANOATE * ISOPENTYL ACETATE * 3-METHYLBUTYL ACETATE * 3-METHYL-1-BUTYL ACETATE * 3-METHYLBUTYL ETHANOATE * PEAR OIL
TOXICITY DATA AND REFERENCES:
ihl-cat LCLo:35000 mg/m3 AGGHAR 5,1,33
orl-rbt LD50:7422 mg/kg IMSUAI 41,31,72
scu-gpg LDLo:5000 mg/kg AGGHAR 5,1,33
REVIEW AND REFERENCES:
★ TLV-TWA 100 ppm; STEL 125 ppm DTLVS* 4,234,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm (SCP-D) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1450
REPORTED IN EPA TSCA INVENTORY, 1983
ISOPENTYL ALCOHOL, ester with N-(2-(DIETHYLAMINO)ETHYL)-2-PHENYLGLYCINE see: MB9625000

NT0185000 ISOPENTYL ALCOHOL, FORMATE
UPDT:8405 CAS: 110-45-2 MW: 116.18 MOLFM: C6-H12-O2
SYN: FORMIC ACID, ISOPENTYL ESTER * ISOAMYL FORMATE * ISOAMYL FORMATE (DOT) * ISOAMYL METHANOATE * ISOPENTYL FORMATE * 3-METHYLBUTYL FORMATE * UN 1109 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,829,79
TOXICITY DATA AND REFERENCES:
1F07 orl-rat LD50:9840 mg/kg FCTXAV 2,327,64
orl-rbt LD50:3020 mg/kg IMSUAI 41,31,72
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ISOPENTYL BENZOATE see: DH3078000
1-ISOPENTYLBIGUANIDE MONOHYDROCHLORIDE see: DU1969000
ISOPENTYL BROMIDE see: EJ6230000
ISOPENTYL BUTANOATE see: ET5034000
ISOPENTYL BUTYRATE see: ET5034000
ISOPENTYL FORMATE see: NT0185000
ISOPENTYL HEXANOATE see: MO8389300
ISOPENTYL-n-HEXANOATE see: MO8389300
ISOPENTYLHYDROCUPREINE see: MW6650000
ISOPENTYL-2-HYDROXYPHENYL METHANOATE see: VO43/5000
ISOPENTYL IODIDE see: EK4412000 BUTANE, 1-IODO-3-METHYL-
ISOPENTYL ISOVALERATE see: NY1508000
5-ISOPENTYL-5-(2-METHYLALLYL)BARBITURIC ACID SODIUM SALT see: CQ7073300
ISOPENTYL METHYL KETONE see: MP3850000
6-ISOPENTYL-3-METHYL-1H-PYRAZOLO(4,3-d)PYRIMIDIN-7(6H)-ONE see: UR0802000
ISOPENTYL OCTANOATE see: RH0770000
4-(ISOPENTYLOXY)BENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DD3760000
ISOPENTYLPHENYLACETATE see: AJ2945000
ISOPENTYL 2-PHENYLGLYCINATE HYDROCHLORIDE see: MC0840000
5-ISOPENTYLPICOLINIC ACID see: TJ7554600 PICOLINIC ACID, 5-ISOPENTYL-
ISOPENTYL SALICYLATE see: VO4375000
4-(ISOPENTYLSULFONYL)-1-METHYL-4-PHENYLPIPERIDINE HYDROCHLORIDE see: TN0404600
4-(ISOPENTYLSULFONYL)-4-PHENYL-1-(p-TOLYLSULFONYL)PIPERIDINE see: TN0404700
ISOPESTOX see: TD3675000
ISOPHAN see: SH5075000
ISOPHANE INSULIN see: NM8912800
ISOPHANE INSULIN SUSPENSION see: NM8912800
ISOPHEN see: FF9100000
ISOPHEN see: SH5075000
ISOPHEN see: SH5425000
ISOPHENERGAN see: SO6825000
ISOPHENICOL see: AB6825000
ISOPHEN (PESTICIDE) see: FF9100000
ISOPHENPHOS see: VO4395500
ISOPHOROL, DIHYDRO- see: GW0875000
ISOPHORON see: GW7700000
ISOPHORONE see: GW7700000
ISOPHORONE DIAMINE see: GV6129000
ISOPHORONE DIAMINE DIISOCYANATE see: NQ9370000
ISOPHORONE DIAMINE (DOT) see: GV6129000
ISOPHORONE DIISOCYANATE see: NQ9370000
ISOPHORONE DIISOCYANATE (DOT) see: NQ9370000
ISOPHORONEDIISOCYANATE, SOLUTION 70% by weight (DOT) see: NQ9370000
ISOPHOSPHAMIDE see: RP6050000
ISOPHRIN see: DO7175000
ISOPHRINE see: DO7525000
ISOPHRIN HYDROCHLORIDE see: DO7525000
ISOPHTALDEHYDES (French) see: NT1981000

NT1981000 ISOPHTHALALDEHYDE
UPDT:8407 CAS: 626-19-7 MW: 134.14 MOLFM: C8-H6-O2
SYN: ISOPHTALDEHYDES (French)
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:696 mg/kg COREAF 246,851,58
* ivn-mus LD50:100 mg/kg CSLNX* NX#07922

NT1981800 ISOPHTHALAMIC ACID, 5-ACETAMIDO-2,4,6-TRIIODO-N-METHYL-, compd. with 1-DEOXY-1- (METHYLAMINO)-D-GLUCITOL (1:1)
UPDT:8308 CAS: 13087-53-1 MW: 809.17 MOLFM: C11-H9-I3-N2-O4 .C7-H17-N-O5
SYN: CONRAY * CONRAY 30 * CONRAY 60 * CONRAY 280 * CONRAY MEGLUMIN * CONRAY MEGLUMINE 282 * CONTRIX 28 * CYSTO-CONRAY * 1-DEOXY-1-(METHYLAMINO)-D-GLUCITOL 5-ACETAMIDO-2,4,6-TRIIODO-N-METHYLISOPHTHALAMATE (SALT) * IOTALAMATE de METHYLGLUCAMINE (French) * IOTHALAMATE MEGLUMINE * IOTHALAMATE METHYLGLUCAMINE * IOTHALAMATE METHYLGLUCAMINE SALT * MEGLUMINE CONRAY * MEGLUMINE IOTHALAMATE * MEGLUMINE ISOTHALAMATE * METHYLGLUCAMINE IOTALAMATE * METHYLGLUCAMINE IOTHALAMATE
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:13600 mg/kg NIIRDN 6,64,82
* ice-rat LD50:205 mg/kg NIIRDN 6,64,82
3A11F12F13 ivn-mus LD50:11500 mg/kg THERAP 26,595,71
3A11F12F13 ice-mus LD50:300 mg/kg THERAP 26,595,71
unk-rbt LD50:40 mg/kg FRPSAX 32,835,77

NT1987000 ISOPHTHALAMIC ACID, 5-ACETYLAMINO-N-METHYL-2,4,6-TRIIODO-, SODIUM SALT
UPDT:8308 CAS: 1225-20-3 MW: 635.90 MOLFM: C11-H8-I3-N2-O4 .Na
SYN: 5-ACETYLAMINO-N-METHYL-2,4,6-TRIIODOISOPHTHALAMIC ACID SODIUM SALT * ANGIO-CONTRIX * ANGIO-CONRAY * BENZOIC ACID, 3-(ACETYLAMINO)-2,4,6-TRIIODO-5-((METHYLAMINO)CARBONYL)-, MONOSODIUM SALT * CONRAY 80 * CONRAY 300 * CONRAY-400 * IOTALAMATE de SODIUM (French) * IOTHALAMATE SODIUM * IOTHALAMATE SODIUM (INJECTION) * IOTHALAMATE SODIUM SALT * MEDIOCONTRIX * MONOSODIUM 5-ACETAMIDO-2,4,6-TRIIODO-N-METHYLISOPHTHALAMATE * SODIUM IOTHALAMATE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:200 mg/kg JMCMAR 6,24,63

NT1998000 ISOPHTHALAMIC ACID, 5,5'-(OCTAMETHYLENEBIS(CARBONYLIMINO))BIS(N-METHYL-2,4,6-TRIIODO-
UPDT:8408 CAS: 5591-33-3 MW: 1310.00 MOLFM: C28-H28-I6-N4-O8
SYN: 5,5'-(OCTAMETHYLENEBIS(CARBONYLIMINO)BIS(N-METHYL-2,4,6-TRIIODOISOPHTHALAMIC ACID)
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:6600 mg/kg JMCMAR 9,964,66
* ivn-mus LD50:1576 mg/kg INVRAV 15(Suppl 6),248,80
ice-mus LD50:1120 mg/kg JMCMAR 9,964,66
ivn-dog LD50:10 gm/kg JMCMAR 9,964,66

NT1999400 ISOPHTHALAMIC ACID, 5,5'-(TETRAMETHYLENEBIS(CARBONYLIMINO))BIS(N-METHYL-2,4,6-TRIIODO-
UPDT:8409 CAS: 10397-75-8 MW: 1253.88 MOLFM: C24-H20-I6-N4-O8
SYN: 5,5'-(TETRAMETHYLENEBIS(CARBONYLIMINO))BIS(N-METHYL-2,4,6-TRIIODOISOPHTHALAMIC ACID)
TOXICITY DATA AND REFERENCES:
* iat-rat LD50:6587 mg/kg USXXAM #4001323
* ivn-mus LD50:9057 mg/kg USXXAM #4001323
* ice-mus LD50:461 mg/kg USXXAM #4001323
* par-rbt LD50:61 mg/kg USXXAM #4001323

NT2001100 ISOPHTHALAMIDE, 5-ACETAMIDO-N,N'-BIS(2,3-DIHYDROXYPROPYL)-N,N'-DIMETHYL-2,4,6-TRIIODO-
UPDT:8408 MW: 775.15 MOLFM: C18-H24-I3-N3-O7
SYN: 5-ACETYLAMINO-2,4,6-TRIIODO-ISOPHTHALIC ACID DI-(N-METHYL-2,3-DIHYDROXYPROPYLAMIDE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:31965 mg/kg USXXAM #4001323
* ice-mus LD50:1670 mg/kg USXXAM #4001323
* par-rbt LD50:165 mg/kg USXXAM #4001323

NT2002000 ISOPHTHALAMIDE, N-(1-ETHYL-2-PYRROLIDINYLMETHYL)-6-METHOXY-
UPDT:8408 CAS: 23694-36-0 MW: 305.42 MOLFM: C16-H23-N3-O3
SYN: 1,3-BENZENEDICARBOXAMIDE, N(sup 3)-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY- * N-(1-ETHYL-2-PYRROLIDINYLMETHYL)-6-METHOXYISOPHTHALAMIDE * 1-ETIL-2-(2'-METOSSI-5'-CARBAMOILBENZAMIDOMETIL)-PIRROLIDINA (Italian) * G-297
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:244 mg/kg BCFAAI 115,317,76

NT2003500 ISOPHTHALALDEHYDE, 5-ETHOXY-4-HYDROXY-
UPDT:8402 MW: 194.20 MOLFM: C10-H10-O4
SYN: DIALDEHYDE ETHYLVANILLIQUE (French) * 5-ETHOXY-4-HYDROXYISOPHTHALALDEHYDE
TOXICITY DATA AND REFERENCES:
1J22 ipr-mus LD50:140 mg/kg APFRAD 12,42,54

NT2005000 ISOPHTHALDEHYDE, 4-HYDROXY-5-METHOXY-
UPDT:8402 CAS: 2931-90-0 MW: 180.17 MOLFM: C9-H8-O4
SYN: ALDEHYDE HYDROXY-4 METHOXY-3 ISOPHTHALIQUE (French) * DIALDEHYDE VANILLIQUE (French) * 4-HYDROXY-5-METHOXYISOPHTHALALDEHYDE * 4-HYDROXY-5-METHOXYISOPHTHALIC DIALDEHYDE
TOXICITY DATA AND REFERENCES:
2F23J26 ipr-mus LD50:150 mg/kg APFRAD 12,42,54
ivn-dog LDLo:370 mg/kg COREAF 236,2549,53

NT2007000 ISOPHTHALIC ACID
UPDT:8305 CAS: 121-91-5 MW: 166.14 MOLFM: C8-H6-O4
SYN: ACIDE ISOPHTALIQUE (French) * BENZENE-1,3-DICARBOXYLIC ACID * m-BENZENEDICARBOXYLIC ACID * IPA * KYSELINA ISOFTALOVA (Czech) * m-PHTHALIC ACID
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H SEV 28ZPAK -,51,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:10400 mg/kg 28ZPAK -,51,72
ipr-mus LD50:4200 mg/kg COREAF 246,851,58
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BPCT** -,183,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ISOPHTHALIC ACID CHLORIDE see: NT2625000

NT2300000 ISOPHTHALIC ACID, DIBUTYL ESTER
UPDT:8312 CAS: 3126-90-7 MW: 278.38 MOLFM: C16-H22-O4
SYN: 1,3-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER * DIBUTYL ISOPHTHALATE
TOXICITY DATA AND REFERENCES:
2D28F07 ipr-mus LDLo:1392 mg/kg JPMSAE 56,1446,67
ISOPHTHALIC ACID DICHLORIDE see: NT2625000

NT2470000 ISOPHTHALIC ACID, DICYCLOPENTYL ESTER
UPDT:8312 CAS: 18699-41-7 MW: 302.40 MOLFM: C18-H22-O4
SYN: 1,3-BENZENEDICARBOXYLIC ACID, DICYCLOPENTYL ESTER * DICYCLOPENTYL ISOPHTHALATE
TOXICITY DATA AND REFERENCES:
2D28F07 ipr-mus LDLo:1512 mg/kg JPMSAE 56,1446,67

NT2533000 ISOPHTHALIC ACID, DIISOBUTYL ESTER
UPDT:8312 CAS: 1528-64-9 MW: 278.38 MOLFM: C16-H22-O4
SYN: 1,3-BENZENEDICARBOXYLIC ACID, BIS(2-METHYLPROPYL) ESTER * DIISOBUTYL ISOPHTHALATE
TOXICITY DATA AND REFERENCES:
2D28F07 ipr-mus LDLo:1392 mg/kg JPMSAE 56,1446,67

NT2540000 ISOPHTHALIC ACID, DIMETHYL ESTER
UPDT:8312 CAS: 1459-93-4 MW: 194.20 MOLFM: C10-H10-O4
SYN: 1,3-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER * DIMETHYLESTER KYSELINY TERFFTALOVE (Czech) * DIMETHYL ISOPHTHALATE
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H SEV 28ZPAK -,47,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4390 mg/kg 28ZPAK -,47,72
2D28F07 ipr-mus LDLo:971 mg/kg JPMSAE 56,1446,67
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NT2541000 ISOPHTHALIC ACID, DIPROPYL ESTER
UPDT:8312 CAS: 3143-06-4 MW: 250.32 MOLFM: C14-H18-O4
SYN: 1,3-BENZENEDICARBOXYLIC ACID, BIS(1-METHYLETHYL) ESTER * DIPROPYL ISOPHTHALATE
TOXICITY DATA AND REFERENCES:
2D28F07 ipr-mus LDLo:1251 mg/kg JPMSAE 56,1446,67

NT2545000 ISOPHTHALIC ACID, 5-NITRO-, DIISOPROPYL ESTER, mixed with SULFUR (1:1)
UPDT:8309 CAS: 61583-33-3 MW: 327.38 MOLFM: C14-H17-N-O6 .S
SYN: 1,3-BENZENEDICARBOXYLIC ACID, 5-NITRO-, BIS(1-METHYLETHYL) ESTER, mixt. with SULFUR (9CI) * KUMULAN * NITROTHAL-ISOPROPYL and SULFUR * SULFUR and 5-NITROBENZENE-1,3-DICARBOXYLIC ACID BIS(1-METHYLETHYL) ESTER * SULFUR and NITROTHAL-ISOPROPYL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:9400 mg/kg FMCHA2 -,C138,83
ISOPHTHALODINITRILE see: CZ1900000
ISOPHTHALONITRILE see: CZ1900000

NT2580000 ISOPHTHALONITRILE, 5-(3,3-DIMETHYL-1-TRIAZENO)-
UPDT:8308 CAS: 66974-82-1 MW: 199.24 MOLFM: C10-H9-N5
SYN: 1,3-BENZENEDICARBONITRILE, 5-(3,3-DIMETHYL-1-TRIAZENYL)- * 5-(3,3-DIMETHYL-1-TRIAZENO)ISOPHTHALONITRILE
MUTATION DATA AND REFERENCES:
mma-sat 348 umol/L JMCMAR 22,473,79

NT2600000 ISOPHTHALONITRILE, TETRACHLORO-
UPDT:8412 CAS: 1897-45-6 MW: 265.90 MOLFM: C8-Cl4-N2

SYN: 1,3-BENZENEDICARBONITRILE, 2,4,5,6-TETRACHLORO- * BRAVO * BRAVO 6F * BRAVO-W-75 * CHLOROALONIL * CHLOROTHALONIL * CHLORTHALONIL (German) * DAC 2787 * DACONIL * DACONIL 2787 * DACONIL 2787 FLOWABLE FUNGICIDE * DACOSOIL * 1,3-DICYANOTETRACHLOROBENZENE * EXOTHERM * EXOTHERM TERMIL * FORTURF * ISOPHTHALONITRILE, 2,4,5,6-TETRACHLORO- * NCI-C00102 * NOPCOCIDE * NOPCOCIDE N-96 * NOPCOCIDE N40D & N96 * SWEEP * TCIN * TERMIL * 2,4,5,6-TETRACHLORO-3-CYANOBENZONITRILE * TETRACHLOROISOPHTHALONITRILE * meta-TETRACHLOROPHTHALODINITRILE * m-TETRACHLOROPHTHALONITRILE * m-TCPN * TPN (pesticide)

TUMORIGENIC DATA AND REFERENCES:

2V01M61	orl-rat TDLo:142 gm/kg/80W-C	NCITR* NCI-CG-TR-41,78

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:10000 mg/kg	85ARAE 4,75,76
2F07F23	orl-mus LD50:6 gm/kg	INHEAO 4,11,66
2F07F23	ipr-mus LD50:2500 ug/kg	INHEAO 4,11,66

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED	IARC** 30,319,83

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NCITR* NCI-CG-TR-41,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-41,78)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ISOPHTHALONITRILE, 2,4,5,6-TETRACHLORO- see: NT2600000
ISOPHTHALOYLBIS(IMINOETHYLENE)BIS(TRIMETHYLAMMONIUM IODIDE) see: BR6517000

NT2625000 ISOPHTHALOYL CHLORIDE

UPDT:8307 CAS: 99-63-8 MW: 203.02 MOLFM: C8-H4-Cl2-O2
SYN: 1,3-BENZENEDICARBONYL CHLORIDE * ISOPHTHALIC ACID CHLORIDE * ISOPHTHALIC ACID DICHLORIDE * ISOPHTHALOYL DICHLORIDE * ISOPHTHALYL CHLORIDE * ISOPHTHALYL DICHLORIDE * m-PHTHALIC DICHLORIDE * m-PHTHALOYL CHLORIDE

IRRITATION DATA AND REFERENCES:

	skn-rbt 200 mg open MOD	UCDS** 11/3/71
	eye-rbt 40 mg MLD	UCDS** 11/3/71

TOXICITY DATA AND REFERENCES:

3F07F15F17	orl-rat LD50:2950 mg/kg	GISAAA 47(7),75,82
3F07F15F17	orl-mus LD50:2221 mg/kg	GISAAA 47(7),75,82
3F07F15F17	orl-rbt LD50:1175 mg/kg	GISAAA 47(7),75,82
*	skn-rbt LD50:1410 mg/kg	TXAPA9 28,313,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

ISOPHTHALOYL DICHLORIDE see: NT2625000
ISOPHTHALYL CHLORIDE see: NT2625000
ISOPHTHALYL DICHLORIDE see: NT2625000
ISOPIRINA see: CD2975000
ISO.PPC. see: FD9100000
ISOPRAL see: UB9800000
ISOPREDIOXIN see: SM9461000
ISOPREGNENONE see: TU3671000
ISOPRENALINE see: DO1750000
(-)-ISOPRENALINE see: DO1750010
(+ -)-ISOPRENALINE see: DO1750020
dl-ISOPRENALINE see: DO1750020
l-ISOPRENALINE see: DO1750010
(+)-ISOPRENALINE BITARTRATE see: DO2300200
(-)-ISOPRENALINE BITARTRATE DIHYDRATE see: DO2300100
l-ISOPRENALINE BITARTRATE DIHYDRATE see: DO2300100
ISOPRENALINE CHLORIDE see: DO1925000
ISOPRENALINE HYDROCHLORIDE see: DO1925000
(+ -)-ISOPRENALINE HYDROCHLORIDE see: DO1930000
dl-ISOPRENALINE HYDROCHLORIDE see: DO1930000
ISOPRENALINE SULFATE see: DO2273000
(+ -)-ISOPRENALINE SULFATE see: DO2100000
dl-ISOPRENALINE SULFATE see: DO2100000
ISOPRENALINE SULFATE (2:1) see: DO2273000
(-)-ISOPRENALINE TARTRATE DIHYDRATE see: DO2300100

NT4037000 ISOPRENE

UPDT:8412 CAS: 78-79-5 MW: 68.13 MOLFM: C5-H8
SYN: 1,3-BUTADIENE, 2-METHYL- * ISOPRENE (DOT) * beta-METHYLBIVINYL * 2-METHYLBUTADIENE * 2-METHYL-1,3-BUTADIENE * UN 1218 (DOT)

TOXICITY DATA AND REFERENCES:

2F01J25	ihl-rat LC50:180 gm/m3/2H	RPTOAN 31,163,68
1J30	ihl-mus LC50:139 gm/kg/2H	GTPZAB 9(1),36,65

STANDARDS & REGULATIONS:

★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE	CFRGBR 49,172.101,82

STATUS:

NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

ISOPRENE (DOT) see: NT4037000
ISOPRENYL CHALCONE see: AI8987000
ISOPRINOSIN see: NM7461240
ISOPRINOSINE see: NM7461240
ISOPROCARB see: FB7880000
ISOPROCIL (French) see: YQ9275000
ISOPROMEDOL see: TN8000000
ISOPROMETHAZINE see: SO6825000
ISOPROMETHAZINE HYDROCHLORIDE see: SO5500000
ISOPROPALIN see: BX9286000
ISOPROPAMIDE BROMIDE see: BP0693000
ISOPROPAMIDE IODIDE see: BP0693200
ISOPROPANETHIOL see: TZ7302000
ISOPROPANOL see: NT8050000
ISOPROPANOLAMINE see: UA5775000

NT4500000 ISOPROPANOLAMINE DODECYLBENZENESULFONATE (DOT)

UPDT:8308
SYN: NA 9127 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORM-E; LABEL:NONE	CFRGBR 49,172.101,82

ISOPROPANOL (DOT) see: NT8050000
ISOPROPENE CYANIDE see: UD1400000
ISOPROPENIL-BENZOLO (Italian) see: WL5075300
ISOPROPENYL ACETATE see: UD4200000
ISOPROPENYL ACETATE (DOT) see: UD4200000
ISOPROPENYL-BENZEEN (Dutch) see: WL5075300
ISOPROPENYLBENZENE see: WL5075300
ISOPROPENYLBENZENE (DOT) see: WL5075300
ISOPROPENYL-BENZOL (German) see: WL5075300
ISOPROPENYL CARBINOL see: UD5250000
4-ISOPROPENYL-1-CYCLOHEXENE-1-CARBOXALDEHYDE see: GW2967000
4-ISOPROPENYL-1-CYCLOHEXENE-1-CARBOXALDEHYDE, ANTI-OXIME see: GW2975000
4-ISOPROPENYL-CYCLOHEX-1-ENE-1-METHANOL see: OS8395000
(-)-4-ISOPROPENYL-1-METHYLCYCLOHEXENE see: GW6360000
(+)-4-ISOPROPENYL-1-METHYLCYCLOHEXENE 1,2-OXIDE see: GT0175040
ISOPROPENYL METHYL KETONE see: EN0175000
ISOPROPENYLNITRILE see: UD1400000
ISOPROPHENAMINE HYDROCHLORIDE see: DN9500000
ISOPROPILAMINA (Italian) see: NT8400000
2-ISOPROPILAMINO-4-METILAMINO-6-METILTIO-1,3,5 TRIAZINA (Italian) see: XZ0175000
ISOPROPILBENZENE (Italian) see: GR8575000
1-ISOPROPILBIGUANIDE CLORIDRATO (Italian) see: DU1975000
ISOPROPILE (ACETATO DI) (Italian) see: AI4930000
ISOPROPIL-N-FENIL-CARBAMMATO (Italian) see: FD9100000
ISOPROPILIDRAZIDE dell'ac. p-CLORO-FENOSSIACETICO (Italian) see: AG0525000
(1-ISOPROPIL-3-METIL-1H-PIRAZOL-5-IL)-N,N-DIMETIL-CARBAMMATO (Italian) see: FA2100000
4-ISOPROPOXYBENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DD3770000
1-(p-ISOPROPOXYBENZYL)HYDROURACIL see: MX8955000
1-(p-ISOPROPOXYBENZYL)-5-METHYLHYDROURACIL see: MX8957000
1-(p-ISOPROPOXYBENZYL)-5-METHYL-2-THIOHYDROURACIL see: MX8958000
1-(p-ISOPROPOXYBENZYL)-2-THIOHYDROURACIL see: MX8960000
(E)-O-2-ISOPROPOXY-CARBONYL-1-METHYLVINYL O-METHYL ETHYLPHOSPHORAMIDOTHIOATE see: GQ4750000
O-(1-ISOPROPOXYCARBONYL-1-PROPEN-2-YL)-O-METHYL N-ETHYL-PHOSPHORAMIDOTHIONATE see: GQ4750000
p-ISOPROPOXYDIPHENYLAMINE see: JJ9500000
4-ISOPROPOXYDIPHENYLAMINE see: JJ9500000
ISOPROPOXYETHANOL see: KL4900000
2-ISOPROPOXYETHANOL see: KL5075000
3'-ISOPROPOXY-2-METHYLBENZANILIDE see: CV5581700
ISOPROPOXYMETHYLPHOSPHORYL FLUORIDE see: TA8400000
2-ISOPROPOXY-5-NITROANILINE see: BY4140000
2-ISOPROPOXY-6-NITRO-4H-1,3,2-BENZODIOXAPHOSPHORIN-2-SULFIDE see: TE9630000
N-(4-ISOPROPOXYPHENYL)ANILINE see: JJ9500000
N-(o-ISOPROPOXYPHENYL)-N'-(p-ISOPROPOXYPHENYL)ACETAMIDINE see: AD0885000
O-ISOPROPOXYPHENYL METHYLCARBAMATE see: FC3150000
o-ISOPROPOXYPHENYL N-METHYLCARBAMATE see: FC3150000
2-ISOPROPOXYPHENYL METHYLCARBAMATE see: FC3150000
2-ISOPROPOXYPHENYL N-METHYLCARBAMATE see: FC3150000
o-ISOPROPOXYPHENYL METHYLNITROSOCARBAMATE see: FC6480000
o-ISOPROPOXYPHENYL N-METHYL-N-NITROSOCARBAMATE see: FC6480000
N-(p-ISOPROPOXYPHENYL)-N'-2-NAPHTHYLACETAMIDINE see: AD0886000
N'-(p-ISOPROPOXYPHENYL)-N-PHENYLACETAMIDINE see: AD0887000
alpha-m-ISOPROPOXYPHENYLSUCCINIMIDE see: WN2818000
3-(m-ISOPROPOXYPHENYL)SUCCINIMIDE see: WN2818000
2-ISOPROPOXYPROPANE see: TZ5425000
3-ISOPROPOXY-1,2-PROPANEDIOL see: TY7900000
ISOPROPYDRIN see: DO1750000
ISOPROPYLACETAAT (Dutch) see: AI4930000
ISOPROPYLACETAT (German) see: AI4930000
ISOPROPYL ACETATE see: AI4930000
ISOPROPYL (ACETATE D') (French) see: AI4930000
ISOPROPYL ACETATE (DOT) see: AI4930000
ISOPROPYLACETIC ACID see: NY1400000
ISOPROPYL ACETIC ACID, BENZYL ESTER see: NY1415000
ISOPROPYLACETONE see: SA9275000
ISOPROPYL N-ACETOXY-N-PHENYLCARBAMATE see: FD7430000
ISOPROPYL ACID PHOSPHATE SOLID (DOT) see: TC6320000
N-ISOPROPYL-1-ADAMANTANAMINE HYDROCHLORIDE see: AU4375300
ISOPROPYLADRENALINE see: DO1750000

NT8050000 ISOPROPYL ALCOHOL

UPDT:8408 CAS: 67-63-0 MW: 60.11 MOLFM: C3-H8-O
SYN: ALCOOL ISOPROPILICO (Italian) * ALCOOL ISOPROPYLIQUE (French) * AVANTINE * CHROMAR * DIMETHYLCARBINOL * ISOHOL * ISOPROPANOL * ISOPROPANOL (DOT) * ISOPROPYL ALCOHOL (DOT) * ISO-PROPYLALKOHOL (German) * LUTOSOL * PETROHOL * PRO * PROPAN-2-OL * 2-PROPANOL * i-PROPANOL (German) * sec-PROPYL ALCOHOL * i-PROPYLALKOHOL (German) * SPECTRAR * UN 1219 (DOT)

IRRITATION DATA AND REFERENCES:

	eye-hmn 20 ppm	JOCMA7 2,383,60
	skn-rbt 500 mg MLD	NTIS** AD-A106-944
	eye-rbt 16 mg	AJOPAA 29,1363,46

MUTATION DATA AND REFERENCES:

	cyt-smc 200 mmol/tube	HEREAY 33,457,47
	cyt-rat-ihl 1030 ug/m3/16W-I	GTPZAB 25(7),33,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	orl-rat TDLo:11340 mg/kg (45D pre)	GISAAA 43(1),8,78
1T26	orl-rat TDLo:5040 mg/kg (1-20D preg)	GISAAA 43(1),8,78
1T24	orl-rat TDLo:20160 mg/kg (1-20D preg)	GISAAA 43(1),8,78
1T35	orl-rat TDLo:32400 ug/kg (26W pre)	GISAAA 43(1),8,78
1T81	orl-rat TDLo:6480 mg/kg (26W male/26W pre)	GISAAA 43(1),8,78

TOXICITY DATA AND REFERENCES:

3F08G08H02	orl-hmn TDLo:15710 mg/kg	JLCMAK 12,326,27
	orl-man LDLo:8600 mg/kg	AJCPAI 38,144,62
	unk-man LDLo:2770 mg/kg	85DCAI 2,73,70
2F05F07	orl-rat LD50:5045 mg/kg	GISAAA 43(1),8,78
	ihl-rat LC50:16000 ppm/8H	NPIRI* 1,100,74
2F05F07	orl-mus LD50:3600 mg/kg	GISAAA 43(1),8,78
	ipr-mus LD50:933 mg/kg	SCCUR* -,5,61
	scu-mus LDLo:6000 mg/kg	HBTXAC 1,172,55
*	ivn-mus LD50:1863 mg/kg	AIPTAK 135,330,62
	orl-dog LD50:6150 mg/kg	JLCMAK 29,561,44
	ivn-dog LDLo:5120 mg/kg	JLCMAK 29,561,44
	ivn-cat LDLo:1963 mg/kg	HBTXAC 1,172,55
	orl-rbt LDLo:5000 mg/kg	HBTXAC 1,172,55
	skn-rbt LD50:13 gm/kg	JIHTAB 30,63,48
	ivn-rbt LDLo:8230 mg/kg	JLCMAK 29,561,44
	scu-mam LDLo:6 mg/kg	ATXKA8 16,84,56

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: JIHTAB 20,428,38; CLCHAU 19,361,73; FNSCA6 2,67,73

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 15,223,77
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 15,223,77
★ TLV-TWA 400 ppm; STEL 500 ppm	DTLWS* 4,239,81

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 400 ppm (SCP-E)	FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ISOPROPYL ALCOHOL recm std-air:TWA 400 ppm;CL 800 ppm/15M	NTIS**

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1400
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1180-0371
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ISOPROPYL ALCOHOL (DOT) see: NT8050000
ISO-PROPYLALKOHOL (German) see: NT8050000
ISOPROPYLALLYLAZETYLKARBAMID (German) see: YT5775000
ISOPROPYLALLYLBARBITURIC ACID see: CP8925000

NT8400000 ISOPROPYLAMINE

UPDT:8412 CAS: 75-31-0 MW: 59.13 MOLFM: C3-H9-N

SYN: 2-AMINO-PROPAAN (Dutch) * 2-AMINOPROPAN (German) * 2-AMINO-PROPANO (Italian) * 2-AMINOPROPANE * ISOPROPILAMINA (Italian) * ISOPROPYLAMINE (DOT) * 1-METHYLETHYLAMINE * MONOISOPROPYLAMINE * 2-PROPANAMINE * PROPANE, 2-AMINO- * sec-PROPYLAMINE * 2-PROPYLAMINE * UN 1221 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 345 mg open MOD	UCDS** 11/15/71
	skn-rbt 10 mg/24H open SEV	AMIHBC 4,119,51
	eye-rbt 50 ug open SEV	AMIHBC 4,119,51

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:820 mg/kg	UCDS** 11/15/71
*	ihl-rat LCLo:8000 ppm/4H	AEHLAU 1,343,60
*	orl-mus LD50:2200 mg/kg	GISAAA 45(3),79,80
	ihl-mus LCLo:7000 ppm/40M	SCCUR* -,7,61
	orl-rbt LD50:3200 mg/kg	GISAAA 45(3),79,80
*	skn-rbt LD50:550 mg/kg	AMIHBC 4,119,51
*	orl-gpg LD50:2700 mg/kg	GISAAA 45(3),79,80
*	ihl-mam LC50:1800 mg/m3	TPKVAL 14,80,75
*	unk-mam LD50:500 mg/kg	TPKVAL 14,80,75

REVIEW AND REFERENCES:

	TOXICOLOGY REVIEW: CHREAY 9,389,31	
★	TLV-TWA 5 ppm; STEL 10 ppm	DTLVS* 4,239,80

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 5 ppm (SCP-K)	FEREAC 39,23540,74
★	DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.101,82

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S147
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ISOPROPYLAMINE (DOT) see: NT8400000
4-(2-ISOPROPYLAMINE-1-HYDROXYETHYL)METHANESULFOANILIDE HYDROCHLORIDE see: PB0826000
1-ISOPROPYLAMINE-3-(1-NAPHTHYLOXY)-2-PROPANOL see: UB7500000
1-ISOPROPYLAMINO-3-(o-ALLYLPHENOXY)-2-PROPANOL HYDROCHLORIDE see: UA5425000
1-(ISOPROPYLAMINO)ANTHRAQUINONE see: CB7790000
1-ISOPROPYLAMINO-9,10-ANTHRAQUINONE see: CB7790000
ISOPROPYLAMINOANTIPYRINE see: CD2975000
4-(ISOPROPYLAMINO)ANTIPYRINE see: CD2975000
o-(ISOPROPYLAMINO)BENZAMIDE see: CV5427000
2-ISOPROPYLAMINO-4,6-BIS-ETHYLENEIMINO-1,3,5-TRIAZINE see: XY3322300
4-ISOPROPYLAMINO-2,3-DIMETHYL-1-PHENYL-3-PYRAZOLIN-5-ONE see: CD2975000
4-ISOPROPYLAMINODIPHENYLAMINE see: ST2650000
ISOPROPYLAMINOETHANOL see: KL5080000
N-ISOPROPYLAMINOETHANOL see: KL5080000
2-ISOPROPYLAMINOETHANOL see: KL5080000
ISOPROPYLAMINO ETHANOL HYDROCHLORIDE see: KL5090000
2-(ISOPROPYLAMINO)ETHANOL HYDROCHLORIDE see: KL5090000
2-ISOPROPYLAMINOETHYLISOTHIOURONIUM SULFATE see: UM8400000
ISOPROPYLAMINO-O ETHYL-(4-METHYLMERCAPTO-3-METHYLPHENYL)PHOSPHATE see: TB3675000
4-(2-(ISOPROPYLAMINO)ETHYL)PYROCATECHOL HYDROCHLORIDE see: UX1901000
4-(2-ISOPROPYLAMINO-1-HYDROXYAETHYL)METHANESULFONAILID HYDROCHLORID (German) see: PB0826000
1-(ISOPROPYLAMINO)-2-HYDROXY-3-(o-(ALLYLOXY)PHENOXY)PROPANE see: UA5270000
ISOPROPYLAMINOHYDROXYETHYLMETHANESULFONALIDE HYDROCHLORIDE see: PB0826000
6-(3'-ISOPROPYLAMINO-2'-HYDROXYPROPOXY)-7-CYANO-5-AZAINDOLINE DIHYDROCHLORIDE see: UY8782000
2-(ISOPROPYLAMINO)-5'-ISOPROPYL-4'-METHOXY-2'-METHYLACETANILIDE FUMARATE see: AE4315000
(+ -)-1-(ISOPROPYLAMINO)-3-(p-(2-METHOXYETHYL)PHENOXY)-2-PROPANOL HEMI-L-TARTRATE see: UB7450100
1-(ISOPROPYLAMINO)-3-(p-(2-METHOXYETHYL)PHENOXY)-2-PROPANOL TARTRATE (2:1) see: UB7450100
2-ISOPROPYLAMINO-4-METHYLAMINO-6-METHYLMERCAPTO-s-TRIAZINE see: XZ0175000
2-ISOPROPYLAMINO-4-METHYLAMINO-6-METHYLTHIO-1,3,5-TRIAZINE see: XZ0175000
alpha-(ISOPROPYLAMINOMETHYL)BENZYL ALCOHOL see: DO8500000
alpha-(ISOPROPYLAMINOMETHYL)-3,4-DIHYDROXYBENZYL ALCOHOL HYDROCHLORIDE see: DO1925000
ISOPROPYLAMINOMETHYL-3,4-DIHYDROXYPHENYL CARBINOL see: DO1750000
alpha-((ISOPROPYLAMINO)METHYL)-2-NAPHTHALENEMETHANOL HYDROCHLORIDE see: QJ9275000
2-((ISOPROPYLAMINO)METHYL)-7-NITRO-1,2,3,4-TETRAHYDRO-6-QUINOLINEMETHANOL see: VC0340000
2-(ISOPROPYLAMINO)-2-METHYL-1-PROPANOL BENZOATE HYDROCHLORIDE see: UB7487000
alpha-(ISOPROPYLAMINOMETHYL)PROTOCATECHUYL ALCOHOL see: DO1750000
1-(ISOPROPYLAMINO)-3-(5-METHYL-3-THIENYLOXY)-2-PROPANOL see: UB7488000
(+ -)-1-(ISOPROPYLAMINO)-3-(1-NAPHTHYLOXY)-2-PROPANOL HYDROCHLORIDE see: UB7526000
1-(ISOPROPYLAMINO)-3-(alpha-NAPHTHOXY)-2-PROPANOL HYDROCHLORIDE see: UB7525000
1-ISOPROPYLAMINO-3-(1-NAPHTHOXY)-PROPAN-2-OL-HYDROCHLORIDE see: UB7525000
2-ISOPROPYLAMINO-1-(2-NAPHTHYL)ETHANOL see: QJ9100000
2-ISOPROPYLAMINO-1-(NAPHTH-2-YL)ETHANOL see: QJ9100000
2-ISOPROPYLAMINO-1-(2-NAPHTHYL)ETHANOL HYDROCHLORIDE see: QJ9275000
1-ISOPROPYLAMINO-3-(1-NAPHTHYLOXY)-2-PROPANOL see: UB7500000
1-(ISOPROPYLAMINO)-3-(1-NAPHTHYLOXY)PROPAN-2-OL HYDROCHLORIDE see: UB7525000
1-(ISOPROPYLAMINO)-3-(1-NAPHTHYLOXY)-2-PROPANOL HYDROCHLORIDE see: UB7525000
2-(ISOPROPYLAMINO)-1-(p-NITROPHENYL)ETHANOL HYDROCHLORIDE see: KL5290000
ISOPROPYLAMINOPHENAZON see: CD2975000
ISOPROPYLAMINOPHENAZONE see: CD2975000
(+ -)-2(a)-ISOPROPYLAMINO-3(a)-PHENYL-trans-DECALIN HYDROCHLORIDE see: QJ0352100 NAPHTHALEN-2-axial-AMINE, DECAHYDRO-N-ISOPROPYL-3-axial-PHENYL-, HYDROCHLORIDE, (+ -)-
(+ -)-2(a)-ISOPROPYLAMINO-3(e)-PHENYL-trans-DECALIN HYDROCHLORIDE see: QJ0352200 NAPHTHALEN-2-axial-AMINE, DECAHYDRO-N-ISOPROPYL-3-equatorial-PHENYL-, HYDROCHLORIDE, (+ -)-
(+ -)-2(e)-ISOPROPYLAMINO-3(a)-PHENYL-trans-DECALIN HYDROCHLORIDE see: QJ0352300 NAPHTHALEN-2-equatorial-AMINE, DECAHYDRO-N-ISOPROPYL-3-axial-PHENYL-, HYDROCHLORIDE, (+ -)-
(+ -)-2(e)-ISOPROPYLAMINO-3(e)-PHENYL-trans-DECALIN HYDROCHLORIDE see: QJ0352400 NAPHTHALEN-2-equatorial-AMINE, DECAHYDRO-N-ISOPROPYL-3-equatorial-PHENYL-, HYDROCHLORIDE, (+ -)-
4-ISOPROPYLAMINO-1-PHENYL-2,3-DIMETHYL-3-PYRAZOLIN-5-ONE see: CD2975000
9-((3-(ISOPROPYLAMINO)PROPYL)AMINO)-1-NITROACRIDINE DIHYDROCHLORIDE see: TX8257000
3-(3-ISOPROPYLAMINOPROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6277100
2-ISOPROPYLAMIHOPYRIMIDINE DICHLOROACETATE see: UV6261000 2-PYRIMIDINAMINE, N-(1-METHYLETHYL)-, DICHLOROACETATE
2-ISOPROPYLAMINOPYRIMIDINE ORTHOPHOSPHATE see: UV6261100 2-PYRIMIDINAMINE, N-(1-METHYLETHYL)-, PHOSPHATE (1:1)
ISOPROPYL p-AMINOSALICYLATE see: VO1670000
ISOPROPYL 4-AMINO-2-SULFAMOYLBENZOATE see: DG3100300
1-(ISOPROPYLAMINO)-3-(2-THIENYLOXY)-2-PROPANOL see: UB7575500
1-(ISOPROPYLAMINO)-3-(3-THIENYLOXY)-2-PROPANOL see: UB7575550
1-(ISOPROPYLAMINO)-3-(m-TOLYLOXY)-2-PROPANOL see: UB7578500
ISOPROPYLAMINO-1-m-TOLYLOXY-3-PROPAN-2-OL (German) see: UB7578500
3-(ISOPROPYLAMINO)-1-(m-TOLYLOXY)-2-PROPANOL HYDROCHLORIDE see: UB7600000
o-ISOPROPYLANILINE see: BY4200000
2-ISOPROPYL ANILINE see: BY4200000
ISOPROPYLANTIPYRINE mixed with ETHENZAMIDE and CAFFEINE MONOHYDRATE (3:5:1) see: CV4903000
ISOPROPYLARTERENOL see: DO1750000
ISOPROPYLARTERENOL HYDROCHLORIDE see: DO1925000
p-ISOPROPYLBENZALDEHYDE see: CU7000000
4-ISOPROPYLBENZALDEHYDE see: CU7000000
5-ISOPROPYL-1:2-BENZANTHRACENE see: CW7875000
6-ISOPROPYL-1:2-BENZANTHRACENE see: CW7950000
8-ISOPROPYLBENZ(a)ANTHRACENE see: CW7875000
ISOPROPYLBENZEEN (Dutch) see: GR8575000
ISOPROPYL BENZENE see: GR8575000
p-ISOPROPYLBENZENECARBOXALDEHYDE see: CU7000000
ISOPROPYLBENZENE (DOT) see: GR8575000
ISOPROPYLBENZENE HYDROPEROXIDE see: MX2450000
ISOPROPYLBENZENE PEROXIDE see: SD8150000
ISOPROPYL BENZOATE see: DH3150000
p-ISOPROPYLBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DH3140000
p-ISOPROPYLBENZOIC ACID 3-DIETHYLAMINOPROPYL ESTER MONOHYDROCHLORIDE see: DH3142000
p-ISOPROPYLBENZOIC ACID 2-DIMETHYLAMINOETHYL ESTER MONOHYDROCHLORIDE see: DH3143000
ISOPROPYLBENZOL see: GR8575000
ISOPROPYL-BENZOL (German) see: GR8575000
3-ISOPROPYL-2,1,3-BENZOTHIADIAZINON-(4)-2,2-DIOXID (German) see: DK9900000
3-ISOPROPYL-1H-2,1,3-BENZOTHIADIAZIN-4(3H)-ONE-2,2-DIOXIDE see: DK9900000
(+ -)-1-ISOPROPYL-3-BENZOYL-3-BENZOYLOXYPIPERIDINE HYDROCHLORIDE see: OB4320000
(+ -)-1-ISO-PROPYL-3-BENZOYLOXY-3-(alpha-HYDROXYBENZYL)PIPERIDINE HYDROCHLORIDE see: TN0929000
2-ISOPROPYL-3:4-BENZPHENANTHRENE see: DI8750000
p-ISOPROPYLBENZYL ALCOHOL see: GZ7260000
1-ISOPROPYLBIGUANIDE COPPER COMPLEX SULFATE HYDRATE see: DU1970000
N-ISOPROPYLBIGUANIDE HYDROCHLORIDE see: DU1975000
1-ISOPROPYLBIGUANIDE HYDROCHLORIDE see: DU1975000
ISOPROPYL BORATE see: ED5950000
5-ISOPROPYL-5-BROMALLYLBARBITURIC ACID see: CQ1050000
ISOPROPYL BROMIDE see: TX4111000
ISOPROPYL BROMIDE of 1-METHYLENEPYRROLIZIDINE see: UY8420100 1H-PYRROLIZINIUM, HEXAHYDRO-4-ISOPROPYL-1-METHYLENE-, BROMIDE
N-ISOPROPYL BROMIDE of 1-METHYLENEPYRROLIZIDINE see: UY8420200
5-ISOPROPYL-5-(2-BROMOALLYL)BARBITUATE see: CQ1050000
3-ISOPROPYL-5-BROMO-6-METHYLURACIL see: YQ9275000
ISOPROPYL BUTANOATE see: ET5036000
ISOPROPYL BUTYRATE see: ET5036000
ISOPROPYL BUTYRATE (DOT) see: ET5036000
ISOPROPYLCAINE HYDROCHLORIDE see: DH3140000
ISOPROPYL CARBAMATE see: FB2975000
ISOPROPYLCARBAMIC ACID, ESTER with 2-(HYDROXYMETHYL)-2-METHYLPENTYL CARBAMATE see: FB3325000
ISOPROPYLCARBAMIC ACID 4-PYRIDYLMETHYL ESTER see: FB3380000
2-(p-ISOPROPYLCARBAMOYLBENZYL)-1-METHYLHYDRAZINE see: XS4550000
1-(p-ISOPROPYLCARBAMOYLBENZYL)-2-METHYLHYDRAZINE HYDROCHLORIDE see: XS4725000
2-(p-(ISOPROPYLCARBAMOYL)BENZYL)-1-METHYLHYDRAZINE HYDROCHLORIDE see: XS4725000
1-ISOPROPYL CARBAMOYL-3-(3,5-DICHLOROPHENYL)-HYDANTOIN see: NI8870000
ISOPROPYL CARBANILATE see: FD9100000
ISOPROPYL CARBANILIC ACID ESTER see: FD9100000
ISOPROPYLCARBINOL see: NP9625000
ISOPROPYL CELLOSOLVE see: KL5075000
N-ISOPROPYL-alpha-CHLOROACETANILIDE see: AE1575000
N-ISOPROPYL-2-CHLOROACETANILIDE see: AE1575000
ISOPROPYL CHLOROACETATE (DOT) see: AF9300000
ISOPROPYL meta-CHLOROCARBANILATE see: FD8050000
ISOPROPYL 3-CHLOROCARBANILATE see: FD8050000
ISOPROPYL CHLOROCARBONATE see: LQ6475000
ISOPROPYL CHLOROFORMATE see: LQ6475000
ISOPROPYL CHLOROFORMATE (DOT) see: LQ6475000
ISOPROPYL CHLOROMETHANOATE see: LQ6475000
ISOPROPYL-N-m-CHLOROPHENYL-CARBAMATE see: FD8050000
ISOPROPYL 3-CHLOROPHENYLCARBAMATE see: FD8050000
ISOPROPYL-N-(3-CHLOROPHENYL)CARBAMATE see: FD8050000
O-ISOPROPYL N-(3-CHLOROPHENYL)CARBAMATE see: FD8050000
ISOPROPYL 2-CHLOROPROPIONATE (DOT) see: UE8947000
20-ISOPROPYLCHOLANTHRENE see: FZ3630000
ISOPROPYL CRESOL see: XP2275000
ISOPROPYL-o-CRESOL see: FI1225000
ISOPROPYL CYANIDE see: TZ4900000
3-ISOPROPYL-CYCLOBUTANECARBOXYLIC ACID see: GU1347000
p-ISOPROPYLCYCLOHEXANOL see: GV9620000
4-ISOPROPYLCYCLOHEXANOL see: GV9620000
10-ISOPROPYL-3,4,5,6-DIBENZACRIDINE (French) see: HN1875000
14-ISOPROPYLDIBENZ(a,j)ACRIDINE see: HN1875000
ISOPROPYL 4,4'-DIBROMOBENZILATE see: DD2100000
ISOPROPYL-4,4'-DICHLOROBENZILATE see: DD2450000
ISOPROPYL DIETHYLDITHIOPHOSPHORYLACETAMIDE see: TD8225000
N-ISOPROPYL-beta-DIHYDROXYPHENYL-beta-HYDROXYETHYLAMINE see: DO1750000
4'-ISOPROPYL-4-DIMETHYLAMINOAZOBENZENE see: BX2275000
m-ISOPROPYL-p-DIMETHYL-AMINO-PHENOL-DIMETHYL-URETHANE METHIODIDE see: BP3323000
N'-ISOPROPYL-N,N-DIMETHYL-1,3-PROPANE-DIAMINE see: TX8225000
3-ISOPROPYL-5,7-DIMORPHOLINOMETHYLTROPOLONE DIHYDROCHLORIDE see: GU3830500 2,4,6-CYCLOHEPTATRIEN-1-ONE, 5,7-BIS(MORPHOLINOMETHYL)-2-HYDROXY-3-ISOPROPYL-, DIHYDROCHLORIDE
ISOPROPYL 2,4-DINITRO-6-sec-BUTYLPHENYL CARBONATE see: FF9100000
4-ISOPROPYL-2,6-DINITRO-N,N-DIPROPYLANILINE see: BX9286000

ISOPROPYL 2,4-D ESTER see: AG8750000
ISOPROPYL ESTER of DIPROPYLPHOSPHINIC ACID see: SZ5365000
N-ISOPROPYLETHANOLAMINE see: KL5680000
ISOPROPYL ETHER see: TZ5425000
ISOPROPYL 3-(((ETHYLAMINO)METHOXYPHOSPHINOTHIOYL)OXY)CROTONIC ACID see: GQ3458500
((ISOPROPYLETHYLENE)BIS(p-PHENYLENEOXYETHYLENE)BIS(TRIMETHYLAMMONIUM IODIDE) see: BR6525000
N-ISOPROPYLETHYLENEDIAMINE mixed with SODIUM NITRITE see: KV5150000
ISOPROPYL ETHYL URETHAN see: FB3150000
ISOPROPYL-N-FENYL-CARBAMAAT (Dutch) see: FD9100000
N-ISOPROPYL-N'-FENYL-p-FENYLENDIAMIN (Czech) see: ST2650000
ISOPROPYL FLUOPHOSPHATE see: TE5075000
ISOPROPYL FORMATE see: LQ8750000
ISOPROPYL FORMATE (DOT) see: LQ8750000
ISOPROPYLFORMIC ACID see: NQ4375000
alpha-ISOPROPYL GLYCEROL ETHER see: TY7900000
ISOPROPYL GLYCIDYL ETHER see: TZ3500000
ISOPROPYL GLYCOL see: KL5075000
ISOPROPYL HEXADECANOATE see: RT4900000
ISOPROPYL n-HEXADECANOATE see: RT4900000
ISOPROPYL p-HYDROXYBENZOATE see: DH2250000
ISOPROPYL 4-HYDROXYBENZOATE see: DH2250000
(2-ISOPROPYL-5-HYDROXYPHENYL)TRIMETHYLAMMONIUM IODIDE METHYLCARBAMATE (ester) see: BR6527000
ISOPROPYLIDENEACETONE see: SB4200000
N-(1-((ISOPROPYLIDENEAMINO)OXY)-2,2,2-TRICHLOROETHYL)BENZENESULFONAMIDE see: DB2795000
p,p'-ISOPROPYLIDENEBISPHENOL see: SL6300000
4,4'-ISOPROPYLIDENEBISPHENOL see: SL6300000
2',3'-O-ISOPROPYLIDENE-5,6-DICHLORO-1-beta-D-RIBOFURANOSYLBENZIMIDAZOLE see: DD7312000
2,2'-ISOPROPYLIDENEDITHIOBIS(ETHYLAMINE) see: KR8500000 ETHYLAMINE, 2,2'-ISOPROPYLIDENEDITHIOBIS-
2,2'-ISOPROPYLIDENEDITHIOBIS(1-PROPYLAMINE) see: UI3330000 1-PROPYLAMINE, 2,2'-ISOPROPYLIDENEDITHIOBIS-
2',3'-O-ISOPROPYLIDENE-DRB see: DD7312000
4-ISOPROPYLIDENE-3,3-DIMETHYL-2-OXETANONE see: RQ7875000
2,3-ISOPROPYLIDENE-DIOXYPHENYL METHYLCARBAMATE see: FC1140000
p,p'-ISOPROPYLIDENEDIPHENOL see: SL6300000
4,4'-ISOPROPYLIDENEDIPHENOL DIGLYCIDYL ETHER see: TX3800000
ISOPROPYLIDENE GLYCEROL see: JI0400000
2-(2-ISOPROPYLIDENEHYDRAZONO)-4-(5-NITRO-2-FURYL)-THIAZOLE see: AL6500000
1-ISOPROPYLIDENE-4-METHYL-2-CYCLOHEXANONE see: OT0260000
3-(ISOPROPYLIDENE)-1-METHYL-4-PHENYL-PIPERIDINE 1,5-NAPHTHALENEDISULFONATE (2:1) see: TN0405000
2-(1-ISOPROPYLIMINO)ETHYL-4-(2-HYDROXY-3-ISOPROPYLAMINOPROPOXY)BENZOFURAN see: UB8410000 2-PROPANOL, 1-((1-METHYLETHYL)AMINO)-3-((2-(1-((1-METHYLETHYL)IMINO)ETHYL)-4-BENZOFURANYL) OXY)
2-(1-ISOPROPYLIMINO)ETHYL-7-(2-HYDROXY-3-ISOPROPYLAMINOPROPOXY)BENZOFURAN see: UB8411000 2-PROPANOL, 1-((1-METHYLETHYL)AMINO)-3-((2-(1-((1-METHYLETHYL)IMINO)ETHYL)-7-BENZOFURANYL) OXY)
3-(ISOPROPYLIMINO)-2-INDOLINONE see: NM2208500
ISOPROPYL IODIDE see: TZ4200000
ISOPROPYL ISOBUTYL ARSINIC ACID see: CH7910000
ISOPROPYL ISOBUTYRATE see: NQ5320000
ISOPROPYL ISOBUTYRATE (DOT) see: NQ5320000
ISOPROPYL ISOCYANTE see: NQ9230000
ISOPROPYL ISOCYANATE (DOT) see: NQ9230000
N-ISOPROPYL ISONICOTINHYDRAZIDE see: NS1925000
ISOPROPYL MEPROBAMATE see: FB3325000
ISOPROPYL MERCAPTAN see: TZ7302000
ISOPROPYL MERCAPTAN (DOT) see: TZ7302000
ISOPROPYLMERCURY HYDROXIDE see: OW4725000
ISOPROPYL METHANEFLUOROPHOSPHONATE see: TA8400000
N-ISOPROPYL-beta-(4-METHANESULFONAMIDOPHENYL)ETHANOLAMINE HYDROCHLORIDE see: PB0826000
ISOPROPYLMETHANESULFONATE see: PB2275000
ISOPROPYL METHANE SULPHONATE see: PB2275000
5'-ISOPROPYL-4'-METHOXY-2'-METHYL-4-MORPHOLINEPROPIONANILIDE HYDROCHLORIDE see: QE9275800
N-ISOPROPYL-o-METHOXY-alpha-METHYL-PHENETHYLAMINE HYDROCHLORIDE see: SH7770000
1-ISOPROPYL-2-p-METHOXYPHENYL-4-HYDROXYINDOLE see: NM3201000
1-ISOPROPYL-2-p-METHOXYPHENYL-4-OXO-4,5,6,7-TETRAHYDROINDOLE see: NM3352000
3-ISOPROPYL-2-(p-METHOXYPHENYL)-4(3H)-QUINAZOLINONE see: VA3525000 4(3H)-QUINAZOLINONE, 3-ISOPROPYL-2-(p-METHOXYPHENYL)-
2'-ISOPROPYL-5'-METHYL-p-ACETOPHENETIDIDE see: AM4445000
5'-ISOPROPYL-2'-METHYL-p-ACETOPHENETIDIDE see: AM4445010
alpha-((2-(ISOPROPYLMETHYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL see: DO8770000
alpha-((2-(ISOPROPYLMETHYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL BENZOATE (ester) see: DO8770200
alpha-((2-(ISOPROPYLMETHYLAMINO)ETHOXY)METHYL)BENZYL ALCOHOL HYDROCHLORIDE see: DO8770500
alpha-((ISOPROPYLMETHYLAMINO)METHYL)BENZYL ALCOHOL p-AMINOBENZOATE (ester) DIHYDROCHLORIDE see: DO8780000
alpha-((ISOPROPYLMETHYLAMINO)METHYL)BENZYL ALCOHOL BENZOATE (ester) HYDROCHLORIDE see: DO8782000
alpha-((ISOPROPYLMETHYLAMINO)METHYL)BENZYL ALCOHOL o-ETHOXYBENZOATE (ester) see: DO8784000
N-ISOPROPYL-alpha-(2-METHYLAZO)-p-TOLUAMIDE see: XS4375000
4-ISOPROPYL-1-METHYLBENZENE see: GZ5950000
ISOPROPYL 2-METHYL-2-BUTENOATE see: EM9254500
ISOPROPYL alpha-METHYL CROTONATE see: EM9254500
1-ISOPROPYL-4-METHYLCYCLOHANE HYDROPEROXIDE see: MX2500000
4-ISOPROPYL-1-METHYL-1,5-CYCLOHEXADIENE see: OS8080000
5-ISOPROPYL-2-METHYL-1,3-CYCLOHEXADIENE see: OS8080000
4-ISOPROPYL-1-METHYLCYCLOHEXAN-3-OL see: O10525000
2-ISOPROPYL-5-METHYL-CYCLOHEXANONE see: OS9542500
(S)-4-ISOPROPYL-1-METHYLENEHEXAHYDRO-1H-PYRROLIZINIUM BROMIDE see: UY8420200
1-ISOPROPYL-7-METHYL-4-(p-FLUOROPHENYL)-2(1H)-QUINAZOLINONE see: VA3401000
ISOPROPYL METHYLFLUOROPHOSPHATE see: TA8400000
N-ISOPROPYL-6-METHYL-2-HEPTYLAMINE HYDROCHLORIDE see: MK1200000
2-ISOPROPYL-5-METHYL-2-HEXEN-1-AL see: MP6450000
2-ISOPROPYL-5-METHYL-2-HEXEN-1-OL see: MP8580000
2-ISOPROPYL-5-METHYL-2-HEXEN-1-YL ACETATE see: AI5000000
N-ISOPROPYL-p-(2-METHYLHYDRAZINOMETHYL)BENZAMIDE HYDROCHLORIDE see: XS4725000
N-ISOPROPYL-alpha-(2-METHYLHYDRAZINO)-p-TOLUAMIDE see: XS4550000
N-ISOPROPYL-alpha-(2-METHYLHYDRAZINO)-p-TOLUAMIDE HYDROCHLORIDE see: XS4725000
p-ISOPROPYL-alpha-METHYLHYDROCINNAMALDEHYDE see: MW4900000
p-ISOPROPYL-alpha-METHYLHYDROCINNAMIC ALDEHYDE see: MW4900000
ISOPROPYL METHYL KETONE see: EL9100000
2-ISOPROPYL-1-METHYL-5-NITROIMIDAZOLE see: NI6450000
1-ISOPROPYL-3-METHYL-3-NITROSOUREA see: YT5670000
7-(N-ISOPROPYL-alpha-METHYLPHENETHYLAMINO)THEOPHYLLINE HYDROCHLORIDE see: XH5922320
2-(p-ISOPROPYL-alpha-METHYLPHENETHYL)-1,3-DIOXOLANE see: JH8100000
2-ISOPROPYL-4-METHYLPHENOL see: SL7175000
2-ISOPROPYL-5-METHYLPHENOL see: XP2275000
1-ISOPROPYL-1-METHYL-4-(1-PHENYLCYCLOHEXYLCARBONYL)PIPERAZINIUM IODIDE see: TM3396100
1-ISOPROPYL-1-METHYL-4-PHENYLPIPERIDINIUM IODIDE see: TN5951605
p-ISOPROPYL-alpha-METHYLPHENYLPROPYL ALDEHYDE see: MW4900000
ISOPROPYL METHYL PHOSPHONIC ACID SODIUM SALT see: SZ9204000
ISOPROPYL METHYLPHOSPHONOFLUORIDATE see: TA8400000
o-ISOPROPYL METHYLPHOSPHONOFLUORIDATE see: TA8400000
ISOPROPYL-METHYL-PHOSPHORYL FLUORIDE see: TA8400000
alpha-ISOPROPYL-4-METHYL-1-PIPERAZINEACETIC ACID ETHYL ESTER DIHYDROCHLORIDE see: TK7899000
ISOPROPYL-2 (METHYL-4' PIPERIDINYL-1')-4 (THIENYL-2'')-2 BUTYRONITRILE (French) see: TM5693000
ISOPROPYL 2-METHYLPROPANOATE see: NQ5320000
ISOPROPYL-2-(1-METHYL-n-PROPYL)-4,6-DINITROPHENYL CARBONATE see: FF9100000
N-ISOPROPYL-2-METHYL-2-PROPYL-1,3-PROPANEDIOL DICARBAMATE see: FB3325000
(1-ISOPROPYL-3-METHYL-1H-PYRAZOL-5-YL)-N,N-DIMETHYLCARBAMAAT (Dutch) see: FA2100000
(1-ISOPROPYL-3-METHYL-1H-PYRAZOL-5-YL)-N,N-DIMETHYL-CARBAMAT (German) see: FA2100000
ISOPROPYLMETHYLPYRAZOLYL DIMETHYLCARBAMATE see: FA2100000
1-ISOPROPYL-3-METHYL-5-PYRAZOLYL DIMETHYLCARBAMATE see: FA2100000
O-2-ISOPROPYL-4-METHYLPYRIMIDYL-O,O-DIETHYL PHOSPHOROTHIOATE see: TF3325000
ISOPROPYLMETHYLPYRIMIDYL DIETHYL THIOPHOSPHATE see: TF3325000
1-ISOPROPYL-1-METHYL-4-(alpha-m-TOLYLBENZYL)PIPERAZINIUM IODIDE see: TM3396200
1-ISOPROPYL-1-METHYL-4-XANTHEN-9-YLCARBONYLPIPERAZINIUM CHLORIDE see: TM3396300
1-ISOPROPYL-1-METHYL-4-XANTHEN-9-YLCARBONYLPIPERAZINIUM IODIDE see: TM3396400
ISOPROPYLMORPHOLINE see: QE5250000
ISOPROPYL NITRATE see: QU8930000
ISOPROPYL NITRATE (DOT) see: QU8930000
ISOPROPYL NITRITE see: RA0930000 NITROUS ACID, ISOPROPYL ESTER
1-ISOPROPYL-1-NITROSOUREA see: YS3120000
ISOPROPYL NORADRENALINE see: DO1750000
dl-ISOPROPYLNORADRENALINE see: DO1750020
dl-N-ISOPROPYLNORADRENALINE see: DO1750020
N-ISOPROPYLNORADRENALINE see: DO1750000
l-ISOPROPYLNORADRENALINE see: DO1750000
l-ISOPROPYLNORADRENALINE see: DO1750010
l-ISOPROPYLNORADRENALINE BITARTRATE DIHYDRATE see: DO2300100
dl-ISOPROPYLNORADRENALINE HYDROCHLORIDE see: DO1930000
dl-N-ISOPROPYLNORADRENALINE HYDROCHLORIDE see: DO1930000
ISOPROPYLNORADRENALINE SULFATE see: DO2273000
ISOPROPYLNORADRIANOL see: DO6526000
8-ISOPROPYLNORATROPINE METHOBROMIDE see: YM3700000
N-ISOPROPYLNORATROPINIUM BROMOMETHYLATE see: YM3700000
DL-ISOPROPYLNOREPINEPHRINE see: DO1750020
L-ISOPROPYLNOREPINEPHRINE see: DO1750010
d-N-ISOPROPYLNOREPINEPHRINE BITARTRATE see: DO2300200
L-ISOPROPYLNOREPINEPHRINE BITARTRATE DIHYDRATE see: DO2300100
ISOPROPYLNOREPINEPHRINE-HYDROCHLORIDE see: DO1925000
DL-ISOPROPYLNOREPINEPHRINE HYDROCHLORIDE see: DO1930000
N-ISOPROPYLNOREPINEPHRINE SULFATE see: DO2273000
ISOPROPYLOCTADECYLAMINE see: RG4450000

NV7900000 ISOPROPYL OILS

DEF:ISOPROPYL OILS are a mixture containing trimeric and tetrameric POLYPROPYLENE(IARC** 15,225,77)
UPDT:8401

TUMORIGENIC DATA AND REFERENCES:

2V02V08	ihl-mus TCLo:12 mg/m3/3H/D/22W-I	AMIHBC 5,535,52
2V02V08	scu-mus TDLo:20 gm/kg/20W-I	AMIHBC 5,535,52
2V02J60	ihl-mus TC :24 mg/m3/22W-I	AMIHBC 5,535,52

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 15,223,77
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 15,223,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

13-ISOPROPYL-7-OXOPODOCARPA-8,11,13-TRIEN-15-OIC ACID see: TP8731000
ISOPROPYL PALMITATE see: RT4900000
(2-ISOPROPYL-4-PENTENOYL)UREA see: YT5775000
1-(p-ISOPROPYL-beta-(PENTYLOXY)PHENETHYL)PYRIDINIUM BROMIDE see: UU5694250 PYRIDINIUM, 1-(pISOPROPYL-beta-(PENTYLOXY)PHENETHYL)-, BROMIDE
ISOPROPYL PERCARBONATE see: SD9800000
ISOPROPYL PERCARBONATE, unstabilized (DOT) see: SD9800000
ISOPROPYL PERCARBONATE, STABILIZED (DOT) see: SD9800000
ISOPROPYL PEROXYDICARBONATE see: SD9800000
ISOPROPYL PEROXYDICARBONATE, technically pure (DOT) see: SD9800000
o-ISOPROPYLPHENOL see: SL5900000
p-ISOPROPYLPHENOL see: SL5950000
2-ISOPROPYLPHENOL see: SL5900000
4-ISOPROPYLPHENOL see: SL5950000
ISOPROPYLPHENOL METHYLCARBAMATE see: FB7880000
m-ISOPROPYLPHENOL N-METHYLCARBAMATE see: FB7875000
p-ISOPROPYLPHENYLACETALDEHYDE see: AB2920000
4-ISOPROPYL PHENYLACETALDEHYDE see: AB2920000
ISOPROPYL-N-PHENYL-CARBAMAT (German) see: FD9100000
ISOPROPYL PHENYLCARBAMATE see: FD9100000
ISOPROPYL-N-PHENYLCARBAMATE see: FD9100000
O-ISOPROPYL N-PHENYL CARBAMATE see: FD9100000
N-(4-ISOPROPYLPHENYL)-N',N'-DIMETHYLHARNSTOFF (German) see: YT0170000
N-4-ISOPROPYLPHENYL-N,N-DIMETHYLUREA see: YT0170000
N-(4-ISOPROPYLPHENYL)-N',N'-DIMETHYLUREA see: YT0170000
4-ISOPROPYL-1-PHENYL-3,5-DIOXOPYRAZOLIDINE see: UQ8657000
5-(p-ISOPROPYLPHENYL)-2-FURAMIDINE HYDROCHLORIDE see: LT8521100
3-(o-ISOPROPYLPHENYL)-5-(m-METHOXYPHENYL)-s-TRIAZOLE see: XZ4508000
m-ISOPROPYLPHENYL METHYLCARBAMATE see: FB7875000
m-ISOPROPYLPHENYL N-METHYLCARBAMATE see: FB7875000
o-ISOPROPYLPHENYL N-METHYLCARBAMATE see: FB7880000
2-ISOPROPYL-PHENYL-N-METHYLCARBAMATE see: FB7880000
3-ISOPROPYLPHENYL METHYLCARBAMATE see: FB7875000
2-(p-ISOPROPYLPHENYL)-2-METHYL-1,3-DIOXOLANE-4-METHANOL see: JH9430000
N-ISOPROPYL-N'-PHENYL-p-PHENYLENEDIAMINE see: ST2650000
3-(o-ISOPROPYLPHENYL)-5-PHENYL-s-TRIAZOLE see: XZ4509000
4-ISOPROPYL-1-PHENYL-3,5-PYRAZOLIDINEDIONE see: UQ8657000
4-ISOPROPYL-3-PHENYLSYDNONE see: WU7690100
ISOPROPYL-N-PHENYLURETHAN (German) see: FD9100000
ISOPROPYL PHOSPHONATE see: SZ7660000

ISOPROPYLPHOSPHORAMIDOTHIOIC ACID, O-2,4-DICHLOROPHENYL O-METHYL ESTER see: TB5075000
ISOPROPYL PHOSPHORIC ACID, SOLID (DOT) see: TC6320000
ISOPROPYL PHOSPHOROFLUORIDATE see: TE5075000
ISOPROPYL PIPERAZINE see: TM0860000
13-ISOPROPYLPODOCARPA-7,13-DIEN-15-OIC ACID see: TP8580000
ISOPROPYL POTASSIUM XANTHATE see: FG1581300
ISOPROPYL PROPIONATE see: UF5140000
ISOPROPYL PROPIONATE (DOT) see: UF5140000
ISOPROPYL QUINOLINE see: VC0250000
p-ISOPROPYL QUINOLINE see: VC0250000
6-ISOPROPYL QUINOLINE see: VC0250000
ISOPROPYL SALICYLATE O-ESTER with O-ETHYLISOPROPYLPHOSPHORAMIDOTHIOATE see: VO4395500
O-p-(ISOPROPYLSULFAMOYL)PHENYL-O,O-DIMETHYLPHOSPHOROTHIOATE see: TF7700000
ISOPROPYL SULFATE see: WS8050000
4-(ISOPROPYLSULFONYL)-1-METHYL-4-PHENYLPIPERIDINE HYDROCHLORIDE see: TN0406700
3-ISOPROPYLSYDNONE see: WU7690000
N-ISOPROPYL TEREPHTHALAMIC ACID see: WZ0525000
2-(2-ISOPROPYLTETRAHYDRO-2H-PYRAN-4-YL)-4-PHENYLTHIAZOLE see: XI5091000
S-2-ISOPROPYLTHIOETHYL O,O-DIMETHYL PHOSPHORODITHIOATE see: TE4465000
ISOPROPYLTHIOL see: TZ7302000
beta-ISOPROPYLTHIO-beta-(4-METHOXYPHENYL)ETHYLAMINE HYDROCHLORIDE see: SH7803000
erythro-p-(ISOPROPYLTHIO)-alpha-(1-(OCTYLAMINO)ETHYL)BENZYL ALCOHOL see: DO8910000
beta-ISOPROPYLTHIO-beta-PHENYLETHYLAMINE HYDROCHLORIDE see: SH7802000
erythro-1-(4-ISOPROPYLTHIOPHENYL)-2-n-OCTYLAMINOPROPANOL see: DO8910000
ISOPROPYL TIGLATE see: EM9254500
p-ISOPROPYLTOLUENE see: GZ5950000
4-ISOPROPYL-3-(p-TOLYL)SYDNONE see: WU7690200
ISOPROPYL 2-(4-TRIAZOLYL)-5-BENZIMIDAZOLECARBAMATE see: DD6538000
4-ISOPROPYL-2-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)MORPHOLINE see: QE6150000
N-ISOPROPYL-4-(3,4,5-TRIMETHOXYCINNAMOYL)-1-PIPERAZINEACETAMIDE MALEATE see: TK7850000
4-ISOPROPYL-2,6,7-TRIOXA-1-ARSABICYCLO(2.2.2)OCTANE see: YJ8965000
beta-ISOPROPYLTROPOLON see: GU4200000
4-ISOPROPYLTROPOLONE see: GU4200000
ISOPROTERENOL see: DO1750000
(-)-ISOPROTERENOL see: DO1750010
(+-)-ISOPROTERENOL see: DO1750020
dl-ISOPROTERENOL see: DO1750020
DL(+-)-ISOPROTERENOL see: DO1750020
l-ISOPROTERENOL see: DO1750000
l-ISOPROTERENOL see: DO1750010
(R)-ISOPROTERENOL see: DO1750010
(+)-ISOPROTERENOL BITARTRATE see: DO2300200
d-ISOPROTERENOL BITARTRATE see: DO2300200
L-(+)-ISOPROTERENOL BITARTRATE see: DO2300200
(S)-ISOPROTERENOL BITARTRATE see: DO2300200
(-)-ISOPROTERENOL BITARTRATE DIHYDRATE see: DO2300100
l-ISOPROTERENOL BITARTRATE DIHYDRATE see: DO2300100
ISOPROTERENOL HYDROCHLORIDE see: DO1925000
(+-)-ISOPROTERENOL HYDROCHLORIDE see: DO1930000
dl-ISOPROTERENOL HYDROCHLORIDE see: DO1930000
DL-ISOPROTERENOL HYDROCHLORIDE see: DO1930000
DL(+-)-ISOPROTERENOL HYDROCHLORIDE see: DO1930000
ISOPROTERENOL MONOHYDROCHLORIDE see: DO1925000
ISOPROTERENOL SULFATE see: DO2273000
(+-)-ISOPROTERENOL SULFATE see: DO2100000
dl-ISOPROTERENOL SULFATE see: DO2100000
ISOPROTERENOL SULFATE (2:1) see: DO2273000
ISOPROTHIOLANE see: TY1846000
ISOPROTURON see: YT0170000
ISOPSORALIN see: LV0940000
ISOPTIN see: YV8300000
ISOPTIN see: YV8320000
ISOPTO-ATROPINE see: CK0700000
ISOPTO CARBACHOL see: GA0875000
ISOPTO-CARPINE see: TK1450000
ISOPTO CETAMIDE see: AC8450000
ISOPTO FENICOL see: AB6825000
ISOPTO-HYDROCORTISONE see: GM8960000
ISOPTO HYOSCINE see: VR3675000
ISOPULEGOL see: OT0190000
ISOPURINE see: UO7450000
ISOPYRIN see: CD2975000
ISOPYRINE see: CD2975000
ISOQUERCITRIN see: LK8960000
ISOQUERCITROSIDE see: LK8960000

NW6630000 ISOQUINO(2,1-d)(1,4)BENZODIAZEPINE, 7,9,10,14b-TETRAHYDRO-6-(4-BIPHENYLYL)-2-CHLORO- 12,13-DIMETHOXY-
UPDT 8303 CAS: 62206-01-3 MW: 495.05 MOLFM: C31-H27-Cl-N2-O2
SYN: 6-(4-BIPHENYLYL)-2-CHLORO-12,13-DIMETHOXY-9,10-DIHYDRO-7H-ISOQUINO(2,1-d)(1,4)BENZODIAZEPINE
TOXICITY DATA AND REFERENCES:
3A11F07F17 ipr-mus LD50:1000 mg/kg FRPSAX 37,555,82

NW6640000 ISOQUINO(2,1-d)(1,4)BENZODIAZEPINE, 7,9,10,14b-TETRAHYDRO-6-(4-BIPHENYLYL)-3-CHLORO- 12,13-DIMETHOXY-
UPDT 8303 CAS: 62206-10-4 MW: 495.05 MOLFM: C31-H27-Cl-N2-O2
SYN: 6-(4-BIPHENYLYL)-3-CHLORO-12,13-DIMETHOXY-9,10-DIHYDRO-7H-ISOQUINO(2,1-d)(1,4)BENZODIAZEPINE
TOXICITY DATA AND REFERENCES:
3A11F17F18 ipr-mus LD50:3000 mg/kg FRPSAX 37,555,82

NW6650000 ISOQUINO(2,1-d)(1,4)BENZODIAZEPINE, 7,9,10,14b-TETRAHYDRO-6-(4-BIPHENYLYL)-2,3,4,12,13- PENTAMETHOXY-
UPDT 8303 MW: 550.70 MOLFM: C34-H34-N2-O5
SYN: 6-(4-BIPHENYLYL)-2,3,4,12,13-PENTAMETHOXY-9,10-DIHYDRO-7H-ISOQUINO(2,1-d)(1,4)BENZODIAZEPINE
TOXICITY DATA AND REFERENCES:
3A11F17F18 ipr-mus LD50:3000 mg/kg FRPSAX 37,555,82

NW6655000 ISOQUINO(2,1-d)(1,4)BENZODIAZEPINE, 7,9,10,14b-TETRAHYDRO-6-(p-BROMOPHENYL)-3-CHLORO- 12,13-DIMETHOXY-
UPDT 8303 MW: 497.85 MOLFM: C25-H22-Br-Cl-N2-O2
TOXICITY DATA AND REFERENCES:
3A11F17F18 ipr-mus LD50:3000 mg/kg FRPSAX 37,555,82

NW6653000 ISOQUINO(2,1-d)(1,4)BENZODIAZEPINE, 7,9,10,14b-TETRAHYDRO-6-(p-BROMOPHENYL)-2,3,4,12,13- PENTAMETHOXY-
UPDT 8303 MW: 553.50 MOLFM: C28-H29-Br-N2-O5
TOXICITY DATA AND REFERENCES:
3A11F17F18 ipr-mus LD50:3000 mg/kg FRPSAX 37,555,82

NW6659000 ISOQUINO(2,1-d)(1,4)BENZODIAZEPINE, 7,9,10,14b-TETRAHYDRO-2-CHLORO-12,13-DIMETHOXY-6-PHENYL-
UPDT 8303 CAS: 62206-00-2 MW: 418.95 MOLFM: C25-H23-Cl-N2-O2
SYN: 2-CHLORO-12,13-DIMETHOXY-6-PHENYL-7,9,10,14-TETRAHYDROISOQUINO(2,1-d)(1,4)BENZODIAZEPINE
TOXICITY DATA AND REFERENCES:
3A11F07F17 ipr-mus LD50:50 mg/kg FRPSAX 37,555,82

NW6659500 ISOQUINO(2,1-d)(1,4)BENZODIAZEPINE, 7,9,10,14b-TETRAHYDRO-3-CHLORO-12,13-DIMETHOXY-6- (p-TOLYL)-
UPDT 8303 MW: 432.98 MOLFM: C26-H25-Cl-N2-O2
SYN: 3-CHLORO-12,13-DIMETHOXY-6-(p-TOLYL)-7,9,10,14b-TETRAHYDROISOQUINO(2,1-d)(1,4)BENZODIAZEPINE
TOXICITY DATA AND REFERENCES:
3A11F17F18 ipr-mus LD50:3000 mg/kg FRPSAX 37,555,82

NW6660000 7H-ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-8-IUM, 9,10-DIHYDRO-6-(4-BIPHENYLYL)-2-CHLORO- 12,13-DIMETHOXY-, BROMIDE
UPDT 8303 CAS: 62206-22-8 MW: 573.95 MOLFM: C31-H26-Cl-N2-O2.Br
TOXICITY DATA AND REFERENCES:
2A11F07 ipr-mus LD50:50 mg/kg FRPSAX 37,555,82

NW6661000 7H-ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-8-IUM, 9,10-DIHYDRO-6-(4-BIPHENYLYL)-3-CHLORO- 12,13-DIMETHOXY-, BROMIDE
UPDT 8303 MW: 573.95 MOLFM: C31-H26-Cl-N2-O2.Br
TOXICITY DATA AND REFERENCES:
3A11F17F18 ipr-mus LD50:100 mg/kg FRPSAX 37,555,82

NW6662000 7H-ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-8-IUM, 9,10-DIHYDRO-6-(p-BROMOPHENYL)-2-CHLORO- 12,13-DIMETHOXY-, BROMIDE
UPDT 8303 CAS: 62206-20-6 MW: 576.75 MOLFM: C25-H21-Br-Cl-N2-O2.Br
TOXICITY DATA AND REFERENCES:
3A11F17F18 ipr-mus LD50:4000 mg/kg FRPSAX 37,555,82

NW6662500 7H-ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-8-IUM, 9,10-DIHYDRO-6-(p-BROMOPHENYL)-3-CHLORO- 12,13-DIMETHOXY-, BROMIDE
UPDT 8303 MW: 576.75 MOLFM: C25-H21-Br-Cl-N2-O2.Br
TOXICITY DATA AND REFERENCES:
3A11F17F18 ipr-mus LD50:60 mg/kg FRPSAX 37,555,82

NW6663000 7H-ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-8-IUM, 9,10-DIHYDRO-2-CHLORO-12,13-DIMETHOXY-6- (p-METHOXYPHENYL)-, BROMIDE
UPDT 8303 CAS: 62238-67-9 MW: 527.88 MOLFM: C26-H24-Cl-N2-O3.Br
TOXICITY DATA AND REFERENCES:
3A11F17F18 ipr-mus LD50:100 mg/kg FRPSAX 37,555,82

NW6663500 7H-ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-8-IUM, 9,10-DIHYDRO-3-CHLORO-12,13-DIMETHOXY-6- (p-METHOXYPHENYL)-, BROMIDE
UPDT 8303 MW: 527.88 MOLFM: C26-H24-Cl-N2-O3.Br
TOXICITY DATA AND REFERENCES:
3A11F17F18 ipr-mus LD50:60 mg/kg FRPSAX 37,555,82

NW6664000 7H-ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-8-IUM, 9,10-DIHYDRO-3-CHLORO-12,13-DIMETHOXY-6- (p-TOLYL)-, BROMIDE
UPDT 8303 MW: 511.88 MOLFM: C26-H24-Cl-N2-O2.Br
TOXICITY DATA AND REFERENCES:
3A11F17F18 ipr-mus LD50:60 mg/kg FRPSAX 37,555,82

NW6667000 7H-ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-8-IUM, 6,7,9,10-TETRAHYDRO-2-CHLORO-12,13-DIMETHOXY- 7-ETHYL-6-OXO-, BROMIDE
UPDT 8303 CAS: 74099-05-1 MW: 465.81 MOLFM: C21-H22-Cl-N2-O3.Br
TOXICITY DATA AND REFERENCES:
3E01F12H02 ipr-mus LD50:100 mg/kg FRPSAX 37,555,82

NW6668000 5H-ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-8-IUM, 6,7,9,10-TETRAHYDRO-12,13-DIMETHOXY-7-ETHYL- 6-OXO-, BROMIDE
UPDT 8303 CAS: 54971-36-7 MW: 431.37 MOLFM: C21-H23-N2-O3.Br
TOXICITY DATA AND REFERENCES:
3E01F12H02 ipr-mus LD50:100 mg/kg FRPSAX 37,555,82

NW6669000 5H-ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-8-IUM, 6,7,9,10-TETRAHYDRO-12,13-DIMETHOXY-7-METHYL- 6-OXO-, BROMIDE
UPDT 8303 CAS: 54971-35-6 MW: 417.34 MOLFM: C20-H21-N2-O3.Br
TOXICITY DATA AND REFERENCES:
3E01F12H02 ipr-mus LD50:100 mg/kg FRPSAX 37,555,82

NW6669500 ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6(7H)-ONE, 5,9,10,14b-TETRAHYDRO-11-AMINO-12,13-DIMETHOXY-
UPDT 8303 CAS: 75230-89-6 MW: 339.43 MOLFM: C19-H21-N3-O3
SYN: 11-AMINO-12,13-DIMETHOXY-5,9,10,14b-TETRAHYDROISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6(7H)-ONE
TOXICITY DATA AND REFERENCES:
3E01F17H02 ipr-mus LD50:5000 mg/kg FRPSAX 37,555,82

NW6678000 ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6(7H)-ONE, 5,9,10,14b-TETRAHYDRO-3-CHLORO-12,13-DIMETHOXY-
UPDT 8303 MW: 358.85 MOLFM: C19-H19-Cl-N2-O3
SYN: 3-CHLORO-12,13-DIMETHOXY-5,9,10,14b-TETRAHYDROISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6(7H)-ONE
TOXICITY DATA AND REFERENCES:
3E01F17H02 ipr-mus LD50:5000 mg/kg FRPSAX 37,555,82

NW6678400 ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6(7H)-ONE, 5,9,10,14b-TETRAHYDRO-2-CHLORO-12,13-DIMETHOXY- 7-ETHYL-
UPDT 8303 MW: 386.91 MOLFM: C21-H23-Cl-N2-O3
TOXICITY DATA AND REFERENCES:
3E01F17H02 ipr-mus LD50:300 mg/kg FRPSAX 37,555,82

NW6745000 ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6(7H)-ONE, 5,9,10,14b-TETRAHYDRO-12,13-DIMETHOXY-
UPDT 8303 MW: 324.41 MOLFM: C19-H20-N2-O3
SYN: 12,13-DIMETHOXY-5,9,10,14b-TETRAHYDROISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6(7H)-ONE
TOXICITY DATA AND REFERENCES:
3E01F17H02 ipr-mus LD50:8000 mg/kg FRPSAX 37,555,82

NW6745700 ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6(7H)-ONE, 5,9,10,14b-TETRAHYDRO-12,13-DIMETHOXY-7-ETHYL-
UPDT 8303 MW: 352.47 MOLFM: C21-H24-N2-O3
SYN: 12,13-DIMETHOXY-7-ETHYL-5,9,10,14b-TETRAHYDROISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6(7H)-ONE
TOXICITY DATA AND REFERENCES:
3E01F17H02 ipr-mus LD50:100 mg/kg FRPSAX 37,555,82

NW6745800 ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6(7H)-ONE, 5,9,10,14b-TETRAHYDRO-12,13-DIMETHOXY- 7-ISOPROPYL-
UPDT 8303 CAS: 75230-92-1 MW: 366.50 MOLFM: C22-H26-N2-O3
SYN: 12,13-DIMETHOXY-7-ISOPROPYL-5,9,10,14b-TETRAHYDROISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6(7H)-ONE
TOXICITY DATA AND REFERENCES:
3E01F17H02 ipr-mus LD50:200 mg/kg FRPSAX 37,555,82

NW6746000 ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6(7H)-ONE, 5,9,10,14b-TETRAHYDRO-12,13-DIMETHOXY-7-METHYL-
UPDT 8303 MW: 338.44 MOLFM: C20-H22-N2-O3
SYN: 12,13-DIMETHOXY-7-METHYL-5,9,10,14b-TETRAHYDROISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6(7H)-ONE
TOXICITY DATA AND REFERENCES:
3E01F17H02 ipr-mus LD50:3000 mg/kg FRPSAX 37,555,82

NW6746500 ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6(7H)-ONE, 5,9,10,14b-TETRAHYDRO-12,13-DIMETHOXY-10-NITRO
UPDT:8303 MW: 353.41 MOLFM: C19-H19-N3-O4
SYN: 12,13-DIMETHOXY-10-NITRO-7,9,10,14b-TETRAHYDRO-5H-ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6-ONE
TOXICITY DATA AND REFERENCES:
3A11E01H02 ipr-mus LD50:5000 mg/kg FRPSAX 37,555,82

NW6747000 5H-ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6-ONE, 7,9,10,14b-TETRAHYDRO-12,13-DIMETHOXY-7-PHENYL-
UPDT:8303 MW: 400.51 MOLFM: C25-H24-N2-O3
SYN: 12,13-DIMETHOXY-7-PHENYL-7,9,10-14b-TETRAHYDRO-5H-ISOQUINO(2,1-d)(1,4)BENZODIAZEPIN-6-ONE
TOXICITY DATA AND REFERENCES:
3E01F17H02 ipr-mus LD50:3000 mg/kg FRPSAX 37,555,82

8-ISOQUINOLINAMINE, 1,2,3,4-TETRAHYDRO-2-METHYL-4-PHENYL-, (Z)-2-BUTENEDIOATE (1:1) see: NX4912800

NW6825000 ISOQUINOLINE
UPDT:8412 CAS: 119-65-3 MW: 129.17 MOLFM: C9-H7-N
SYN: 2-AZANAPHTHALENE * 2-BENZAZINE * BENZO(c)PYRIDINE * LEUCOLINE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 4,119,51
eye-rbt 250 ug open SEV AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:360 mg/kg AMIHBC 4,119,51
ipr-mus LDLo:128 mg/kg CBCCT* 2,189,50
skn-rbt LD50:590 mg/kg AMIHBC 4,119,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NW6950000 ISOQUINOLINE, 3-BUTYL-1-(2-(DIMETHYLAMINO)ETHOXY)-, HYDROCHLORIDE
UPDT:8405 CAS: 2773-92-4 MW: 308.89 MOLFM: C17-H24-N2-O Cl-H
SYN: 3-BUTYL-1-(2-(DIMETHYLAMINO)ETHOXY)ISOQUINOLINE HYDROCHLORIDE * DIMETHISOQUIN HYDROCHLORIDE * 1-(beta-DIMETHYLAMINOETHOXY)-3-n-BUTYLISOQUINOLINE HYDROCHLORIDE * 1-(beta-DIMETHYLAMINOETHOXY)-3-n-BUTYLISOQUINOLINE MONOHYDROCHLORIDE * ETHANAMINE, 2-((3-BUTYL-1-ISOQUINOLINYL)OXY)-N,N-DIMETHYL-, MONOHYDROCHLORIDE * ISOCHINOL * PRURALGAN * PRURALGIN * QUOTANE * QUOTANE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:45 mg/kg JPETAB 103,306,51
ivn-mus LD50:8 mg/kg ARZNAD 18,729,68
ivn-rbt LD50:5 mg/kg JPETAB 103,306,51

NW6985000 3-ISOQUINOLINECARBOXAMIDE, 1-CHLORO-N-(2-(DIMETHYLAMINO)ETHYL)-4-METHYL-
UPDT:8411 MW: 268.37 MOLFM: C15-H18-C1-N3-O
TOXICITY DATA AND REFERENCES:
3F07F11F19 orl-mus LD50:900 mg/kg FRPSAX 39,229,84

NW6991000 3-ISOQUINOLINECARBOXAMIDE, 1,2-DIHYDRO-2,4-DIMETHYL-N-(2-(DIMETHYLAMINO)ETHYL)-1-OXO-
UPDT:8411 MW: 287.40 MOLFM: C16-H21-N3-O2
TOXICITY DATA AND REFERENCES:
3F07F11F19 orl-mus LD50:680 mg/kg FRPSAX 39,229,84

NW6992000 3-ISOQUINOLINECARBOXAMIDE, N-(2-(DIMETHYLAMINO)ETHYL)-1-METHOXY-4-METHYL-
UPDT:8411 MW: 287.40 MOLFM: C16-H21-N3-O2
TOXICITY DATA AND REFERENCES:
3F07F11F19 orl-mus LD50:540 mg/kg FRPSAX 39,229,84

NW7005000 2(1H)-ISOQUINOLINECARBOXAMIDINE, 3,4-DIHYDRO-, HYDROBROMIDE
UPDT:8412 MW: 256.15 MOLFM: C10-H13-N3 Br-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:242 mg/kg CTCEA9 6,299,64
* ipr-mus LD50:150 mg/kg CTCEA9 6,299,64
* scu-mus LD50:163 mg/kg CTCEA9 6,299,64
* ivn-mus LD50:40500 ug/kg CTCEA9 6,299,64

NW7010000 2(1H)-ISOQUINOLINECARBOXAMIDINE, 3,4-DIHYDRO-, SULFATE (2:1)
UPDT:8412 CAS: 581-88-4 MW: 224.30 MOLFM: C10-H13-N3 .1/2H2-O4-S
SYN: DEBRISOQUINE SULFATE * DEBRISOQUIN SULFATE * DECLINAX * 3,4-DIHYDRO-2(1H)-ISOQUINOLINE CARBOXAMIDINE SULFATE * ISOCARAMIDINE SULFATE * 2(1H)-ISOQUINOLINECARBOXIMIDAMIDE, 3,4-DIHYDRO-, SULFATE (2:1) * RO 5-3307/1 * TENDOR
TOXICITY DATA AND REFERENCES:
3D16J25U26 orl-rat LD50:610 mg/kg OYYAA2 17,129,79
* orl-mus LD50:235 mg/kg CTCEA9 6,299,64
* ipr-mus LD50:132 mg/kg CTCEA9 6,299,64
* scu-mus LD50:136 mg/kg CTCEA9 6,299,64
* ivn-mus LD50:31700 ug/kg CTCEA9 6,299,64

2(1H)-ISOQUINOLINECARBOXIMIDAMIDE, 3,4-DIHYDRO-, SULFATE (2:1) see: NW7010000

NW7040000 3-ISOQUINOLINECARBOXYLIC ACID, 1-CHLORO-4-PHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8412 MW: 419.38 MOLFM: C22-H23-Cl-N2-O2 Cl-H
TOXICITY DATA AND REFERENCES:
2F19F21 ipr-rat LD50:141 mg/kg FRPSAX 39,217,84

NW7041000 3-ISOQUINOLINECARBOXYLIC ACID, 1-CHLORO-4-PHENYL-, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8412 MW: 391.32 MOLFM: C20-H19-Cl-N2-O2 Cl-H
TOXICITY DATA AND REFERENCES:
2F19F21 ipr-rat LD50:127 mg/kg FRPSAX 39,217,84

NW7042000 3-ISOQUINOLINECARBOXYLIC ACID, 1-CHLORO-4-PHENYL-, 2-MORPHOLINOETHYL ESTER, HYDROCHLORIDE
UPDT:8412 MW: 433.36 MOLFM: C22-H21-Cl-N2-O3 Cl-H
TOXICITY DATA AND REFERENCES:
2F19F21 ipr-rat LD50:134 mg/kg FRPSAX 39,217,84

NW7183000 ISOQUINOLINE, 3-CHLORO-1-(4-METHYL-1-PIPERAZINYL)-5-NITRO-
UPDT:8305 MW: 306.78 MOLFM: C14-H15-Cl-N4-O2
SYN: 3-CHLORO-1-(4-METHYL-1-PIPERAZINYL)-5-NITROISOQUINOLINE * GO-230 * 1-N-METHYLPIPERAZINE-2-CHLORO-4-NITROISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T71T75 orl-rat TDLo:200 mg/kg (4-6D preg) IJMRAQ 56,1720,68
1T24 orl-rat TDLo:60 mg/kg (4-6D preg) IJMRAQ 56,1720,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NW7524000 ISOQUINOLINE, 1-(3,4-DIETHOXYBENZYL)-6,7-DIETHOXY-
UPDT:8308 CAS: 486-47-5 MW: 395.54 MOLFM: C24-H29-N-O4
SYN: BARBONIN * BARBONINE * 6,7-DIAETHOXY-1-(3,4-DIAETHOXYBENZYL)ISOCHINOLIN (German) * 1-(3,4-DIETHOXYBENZYL)-6,7-DIETHOXYISOQUINOLINE * DYSCURAL * ETHAVERINE * ETHYLPAPAVERINE * ISOQUINOLINE, 1-((3,4-DIETHOXYPHENYL)METHYL)-6,7-DIETHOXY- (9CI) * PERPARINE * PERPERINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:46 mg/kg ARZNAD 20,794,78

NW7524100 ISOQUINOLINE, 1-(3,4-DIETHOXYBENZYL)-6,7-DIETHOXY-, HYDROCHLORIDE
UPDT:8402 CAS: 985-13-7 MW: 432.00 MOLFM: C24-H29-N-O4 Cl-H
SYN: BARBONIN HYDROCHLORIDE * 1-(3,4-DIETHOXYBENZYL)-6,7-DIETHOXYISOQUINOLINE HYDROCHLORIDE * ETHAVERINE HYDROCHLORIDE * ISOQUINOLINE, 1-((3,4-DIETHOXYPHENYL)METHYL)-6,7-DIETHOXY-, HYDROCHLORIDE * PAPETHERINE HYDROCHLORIDE * PERPARINE HYDROCHLORIDE * PERPARIN HYDROCHLORIDE * PERPERINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1365 mg/kg APFRAD 9,585,51
* ivn-mus LD50:86 mg/kg APFRAD 9,585,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NW7524200 ISOQUINOLINE, 4,6-DIETHOXY-1-(2,3-DIETHOXYPHENYL)-, HYDROCHLORIDE
UPDT:8402 MW: 417.97 MOLFM: C23-H27-N-O4 Cl-H
SYN: CHLORHYDRATE de (DIETHOXY-2,3 PHENYL)-1 DIETHOXY-5,6 ISOQUINOLEINE (French) * 4,6-DIETHOXY-1-(2,3-DIETHOXYPHENYL)ISOQUINOLINE HYDROCHLORIDE * 4549 R.P.
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1534 mg/kg APFRAD 9,585,51
* ivn-mus LD50:88 mg/kg APFRAD 9,585,51

NW7524300 ISOQUINOLINE, 5,6-DIETHOXY-1-(2,3-DIMETHOXYBENZYL)-, HYDROCHLORIDE
UPDT:8402 MW: 403.94 MOLFM: C22-H25-N-O4 Cl-H
SYN: CHLORHYDRATE de (DIMETHOXY-2,3 BENZYL)-1 DIETHOXY-5,6 ISOQUINOLEINE (French) * 5,6-DIETHOXY-1-(2,3-DIMETHOXYBENZYL)ISOQUINOLINE HYDROCHLORIDE * 4260 R.P.
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:55 mg/kg APFRAD 9,439,51

NW7524400 ISOQUINOLINE, 5,6-DIETHOXY-1-(2,3-DIMETHOXYPHENYL)-, HYDROCHLORIDE
UPDT:8402 MW: 389.91 MOLFM: C21-H23-N-O4 Cl-H
SYN: CHLORHYDRATE de (DIMETHOXY-2,3 PHENYL)-1 DIETHOXY-5,6 ISOQUINOLEINE (French) * 5,6-DIETHOXY-1-(2,3-DIMETHOXYPHENYL)ISOQUINOLINE HYDROCHLORIDE * 4507 R.P.
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:152 mg/kg APFRAD 9,585,51

NW7524600 ISOQUINOLINE, 5,6-DIETHOXY-1-PHENYL-, HYDROCHLORIDE
UPDT:8402 MW: 329.85 MOLFM: C19-H19-N-O2 Cl-H
SYN: CHLORHYDRATE de PHENYL-1 DIETHOXY-5,6 ISOQUINOLEINE (French) * 5,6-DIETHOXY-1-PHENYLISOQUINOLINE HYDROCHLORIDE * 4505 R.P.
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1405 mg/kg APFRAD 9,585,51
* ivn-mus LD50:152 mg/kg APFRAD 9,585,51

ISOQUINOLINE, 1-((3,4-DIETHOXYPHENYL)METHYL)-6,7-DIETHOXY- (9CI) see: NW7524000

ISOQUINOLINE, 1-((3,4-DIETHOXYPHENYL)METHYL)-6,7-DIETHOXY-, HYDROCHLORIDE see: NW7524100

NW7624500 ISOQUINOLINE, 3,4-DIHYDRO-5,6-DIETHOXY-1-(2,3-DIMETHOXYBENZYL)-, HYDROCHLORIDE
UPDT:8402 MW: 405.96 MOLFM: C22-H27-N-O4 Cl-H
SYN: CHLORHYDRATE de (DIMETHOXY-2,3 BENZYL)-1 DIHYDRO-3,4 DIETHOXY-5,6 ISOQUINOLEINE (French) * 5,6-DIETHOXY-1-(2,3-DIMETHOXYBENZYL)-3,4-DIHYDROISOQUINOLINE HYDROCHLORIDE * 4259 R.P.
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:148 mg/kg APFRAD 9,439,51

NW7628100 ISOQUINOLINE, 3,4-DIHYDRO-5,6-DIMETHOXY-1-(2,3-DIMETHOXYBENZYL)-, HYDROCHLORIDE
UPDT:8402 MW: 377.90 MOLFM: C20-H23-N-O4 Cl-H
SYN: CHLORHYDRATE de (DIMETHOXY-2,3 BENZYL)-1 DIHYDRO-3,4 DIMETHOXY-5,6 ISOQUINOLEINE (French) * 5,6-DIMETHOXY-1-(2,3-DIMETHOXYBENZYL)-3,4-DIHYDROISOQUINOLINE HYDROCHLORIDE * 4161 R.P.
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:354 mg/kg APFRAD 9,439,51

NW7628200 ISOQUINOLINE, 3,4-DIHYDRO-6,7-DIMETHOXY-1-(2,3-DIMETHOXYBENZYL)-, HYDROCHLORIDE
UPDT:8402 MW: 377.90 MOLFM: C20-H23-N-O4 Cl-H
SYN: CHLORHYDRATE de (DIMETHOXY-2,3 BENZYL)-1 DIHYDRO-3,4 DIMETHOXY-6,7 ISOQUINOLEINE (French) * 6,7-DIMETHOXY-1-(2,3-DIMETHOXYBENZYL)-3,4-DIHYDROISOQUINOLINE HYDROCHLORIDE * 4261 R.P.
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:111 mg/kg APFRAD 9,439,51

NW7628700 ISOQUINOLINE, 3,4-DIHYDRO-6,7-DIMETHOXY-1-(m-FLUOROBENZYL)-, HYDROBROMIDE
UPDT:8305 MW: 380.29 MOLFM: C18-H18-F-N-O2 Br-H
SYN: BROMURE de DIMETHOXY-6,7 DIHYDRO-3,4 meta-FLUOROBENZYL-1 ISOQUINOLEINIUM (French) * 6,7-DIMETHOXY-1-(m-FLUOROBENZYL)-3,4-DIHYDROISOQUINOLINE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:400 mg/kg CHTPBA 6,463,71

NW7628750 ISOQUINOLINE, 3,4-DIHYDRO-6,7-DIMETHOXY-1-(o-FLUOROBENZYL)-, HYDROBROMIDE
UPDT:8305 MW: 380.29 MOLFM: C18-H18-F-N-O2 Br-H
SYN: BROMURE de DIMETHOXY-6,7 DIHYDRO-3,4 ortho-FLUOROBENZYL-1 ISOQUINOLEINIUM (French) * 6,7-DIMETHOXY-1-(o-FLUOROBENZYL)-3,4-DIHYDROISOQUINOLINE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:125 mg/kg CHTPBA 6,463,71

NW7628800 ISOQUINOLINE, 3,4-DIHYDRO-6,7-DIMETHOXY-1-(p-FLUOROBENZYL)-, HYDROBROMIDE
UPDT:8305 MW: 380.29 MOLFM: C18-H18-F-N-O2 Br-H
SYN: BROMURE de DIMETHOXY-6,7 DIHYDRO-3,4 para-FLUOROBENZYL-1 ISOQUINOLEINIUM (French) * 6,7-DIMETHOXY-1-(p-FLUOROBENZYL)-3,4-DIHYDROISOQUINOLINE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:400 mg/kg CHTPBA 6,463,71

NW7910000 ISOQUINOLINE, 5,6-DIMETHOXY-1-(2,3-DIMETHOXYBENZYL)-, HYDROCHLORIDE
UPDT:8402 MW: 375.88 MOLFM: C20-H21-N-O4 Cl-H
SYN: CHLORHYDRATE de (DIMETHOXY-2,3 BENZYL)-1 DIMETHOXY-5,6 ISOQUINOLEINE (French) * 5,6-DIMETHOXY-1-(2,3-DIMETHOXYBENZYL)ISOQUINOLINE HYDROCHLORIDE * 4184 R.P.
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:432 mg/kg APFRAD 9,439,51

NW7911000 ISOQUINOLINE, 6,7-DIMETHOXY-1-(2,3-DIMETHOXYBENZYL)-, HYDROCHLORIDE
UPDT:8402 MW: 375.88 MOLFM: C20-H21-N-O4 Cl-H
SYN: CHLORHYDRATE de (DIMETHOXY-2,3 BENZYL)-1 DIMETHOXY-6,7 ISOQUINOLEINE (French) * 6,7-DIMETHOXY-1-(2,3-DIMETHOXYBENZYL)ISOQUINOLINE HYDROCHLORIDE * 4262 R.P.
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:930 mg/kg APFRAD 9,439,51

NW7925000 ISOQUINOLINE, 5,6-DIMETHOXY-1-(2,3-DIMETHOXYPHENYL)-, HYDROCHLORIDE
UPDT:8309 MW: 361.85 MOLFM: C19-H19-N-O4 Cl-H
SYN: CHLORHYDRATE de (DIMETHOXY-2,3 PHENYL)-1 DIMETHOXY-5,6 ISOQUINOLEINE (French) * 5,6-DIMETHOXY-1-(2,3-DIMETHOXYPHENYL)ISOQUINOLINE HYDROCHLORIDE * 4508 R.P.
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:667 mg/kg APFRAD 9,585,51
* ivn-mus LD50:70 mg/kg APFRAD 9,585,51

NW7926000 ISOQUINOLINE, 6,7-DIMETHOXY-1-(2,3-DIMETHOXYPHENYL)-, HYDROCHLORIDE
UPDT:8309 MW: 349.84 MOLFM: C18-H19-N-O4 Cl-H
SYN: CHLORHYDRATE de (DIMETHOXY-2,3 PHENYL)-1 DIMETHOXY-6,7 ISOQUINOLEINE (French) * 6,7-DIMETHOXY-1-(2,3-DIMETHOXYPHENYL)ISOQUINOLINE HYDROCHLORIDE * 4506 R.P.
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:837 mg/kg APFRAD 9,585,51

*	ivn-mus LD50:118 mg/kg	APFRAD 9,585,51

NW8400000 ISOQUINOLINE, 5,6-DIMETHOXY-1-PHENYL-, HYDROCHLORIDE

UPDT 8309 MW: 301.79 MOLFM: C17-H15-N-O2 Cl-H

SYN: CHLORHYDRATE de PHENYL-1 DIMETHOXY-5,6 ISOQUINOLEINE (French) * 5,6-DIMETHOXY-1-PHENYLISOQUINOLINE HYDROCHLORIDE * 4504 R.P.

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:1251 mg/kg	APFRAD 9,585,51
*	ivn-mus LD50:126 mg/kg	APFRAD 9,585,51

NW8450000 ISOQUINOLINE, 1-((3,4-DIMETHOXYPHENYL)METHYL)-6,7-DIMETHOXY-

UPDT 8412 CAS: 58-74-2 MW: 339.42 MOLFM: C20-H21-N-O4

SYN: 1-((3,4-DIMETHOXYPHENYL)METHYL-6,7-DIMETHOXYISOQUINOLINE * 6,7-DIMETHOXY-1-VERATRYLISOQUINOLINE * ISOQUINOLINE, 6,7-DIMETHOXY-1-VERATRYL- * PAPANERINE * PAPAVERINA (Italian) * PAPAVERINE

MUTATION DATA AND REFERENCES:

	oms-mus:oth 100 umol/L	JIDEAE 66,313,76

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:325 mg/kg	ARZNAD 20,1338,70
1F12	ipr-rat LD50:64 mg/kg	APTOA6 6,235,50
	scu-rat LD50:151 mg/kg	ARZNAD 20,1338,70
	ivn-rat LD50:18 mg/kg	ARZNAD 20,1338,70
	orl-mus LD50:230 mg/kg	ARZNAD 16,1127,66
*	ipr-mus LD50:105 mg/kg	JPETAB 91,103,45
	scu-mus LD50:280 mg/kg	ARZNAD 20,1338,70
	ivn-mus LD50:25 mg/kg	AIPTAK 59,149,38
	idr-mus LD50:150 mg/kg	AIPTAK 59,149,38
	orl-rbt LDLo:190 mg/kg	HBAMAK 4,1289,35
	scu-rbt LDLo:250 mg/kg	HBAMAK 4,1289,35
	ivn-rbt LD50:25 mg/kg	AIPTAK 59,149,38
	scu-frg LDLo:140 mg/kg	HBAMAK 4,1289,35

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NW8575000 ISOQUINOLINE, 1-((3,4-DIMETHOXYPHENYL)METHYL)-6,7-DIMETHOXY-, HYDROCHLORIDE

UPDT 8406 CAS: 61-25-6 MW: 375.88 MOLFM: C20-H21-N-O4 Cl-H

SYN: CARDOVERINA * CERESPAN * CHLORHYDRATE de PAPAVERINE (French) * DISPAMIL * ISOQUINOLINE, 6,7-DIMETHOXY-1-VERATRYL-, HYDROCHLORIDE * NCI-C56359 * PAVABID * PAPAVARINE CHLORHYDRATE * PAPAVERINE CHLOROHYDRATE * PAPANERIN-HCl (German) * PAPAVERINE HYDROCHLORIDE * PAPAVERINE MONOHYDROCHLORIDE * PAP H * 6,7,3',4'-TETRAMETHOXY-1-BENZYLISOQUINOLINE HYDROCHLORIDE * THERAPAV * VASAL

MUTATION DATA AND REFERENCES:

	cyt-ham:fbr 125 mg/L	ESKHA5 96,55,78
	cyt-ham:lng 340 mg/L	GMCRDC 27,95,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T41	scu-mus TDLo:140 mg/kg (9D preg)	DGDFA5 22,61,80

TOXICITY DATA AND REFERENCES:

1H02	orl-rat LD50:360 mg/kg	AIPTAK 149,200,64
	ipr-rat LD50:89 mg/kg	JPPMAB 19,45,67
*	scu-rat LD50:370 mg/kg	AIPTAK 123,264,60
*	ivn-rat LD50:20 mg/kg	AIPTAK 123,264,60
	idu-rat LD50:71 mg/kg	AIPTAK 180,155,69
*	orl-mus LD50:195 mg/kg	AIPTAK 123,264,60
	ipr-mus LD50:108 mg/kg	JMCMAR 16,1063,73
*	scu-mus LD50:150 mg/kg	AIPTAK 123,264,60
*	ivn-mus LD50:27500 ug/kg	AIPTAK 123,264,60
	ivn-rbt LDLo:20 mg/kg	JPPMAB 12,179,60

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ISOQUINOLINE, 6,7-DIMETHOXY-1-VERATRYL- see: NW8450000

ISOQUINOLINE, 6,7-DIMETHOXY-1-VERATRYL-, HYDROCHLORIDE see: NW8575000

NW9625000 ISOQUINOLINE, 5-((p-(DIMETHYLAMINO)PHENYL)AZO)-

UPDT 8401 CAS: 63040-64-2 MW: 276.37 MOLFM: C17-H16-N4

SYN: 5-((p-(DIMETHYLAMINO)PHENYL)AZO)ISOQUINOLINE * N,N-DIMETHYL-4-(5-ISOQUINOLINYLAZO)ANILINE

TUMORIGENIC DATA AND REFERENCES:

2V03V15	orl-rat TDLo:1092 mg/kg/26W-C	AICCA6 19,531,63
2V03L60	orl-rat TD :2196 mg/kg/17W-C	AICCA6 19,531,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ISOQUINOLINE, 2,3-DIMETHYL-6-NITRO-4-PHENYL-1,2,3,4-TETRAHYDRO-, HYDROCHLORIDE, (E)- see: NX5072500

6,7-ISOQUINOLINEDIOL, 1-((3,4-DIHYDROXYPHENYL)METHYL)-1,2,3,4-TETRAHYDRO-, HBr (9CI) see: NX0480000

NX0480000 6,7-ISOQUINOLINEDIOL, 1,2,3,4-TETRAHYDRO-1-(3,4-DIHYDROXYBENZYL)-, HYDROBROMIDE

UPDT 8308 CAS: 16659-88-4 MW: 368.26 MOLFM: C16-H17-N-O4 Br-H

SYN: BROMHYDRATE de TETRAHYDROPAPAVEROLINE (French) * 6,7-ISOQUINOLINEDIOL, 1-((3,4-DIHYDROXYPHENYL)METHYL)-1,2,3,4-TETRAHYDRO-, HBr (9CI) * 1,2,3,4-TETRAHYDRO-1-(3,4-DIHYDROXYBENZYL)-6,7-ISOQUINOLINEDIOL HYDROBROMIDE * TETRAHYDROPAPAVEROLINE BROMIDE

TOXICITY DATA AND REFERENCES:

2F23J22	ipr-mus LD50:850 mg/kg	THERAP 26,1175,71

NX0500000 6,7-ISOQUINOLINEDIOL, 1,2,3,4-TETRAHYDRO-1-(3,4,5-TRIMETHOXYBENZYL)-, HYDROCHLORIDE, (-)-

UPDT 8312 CAS: 18559-59-6 MW: 381.89 MOLFM: C19-H23-N-O5 Cl-H

SYN: AQL 208 * INOLIN * TRIMETHOQUINOL * (-)-TRIMETHOQUINOL * l-1-(3,4,5-TRIMETHOXYBENZYL)-6,7-DIHYDROXY-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROCHLORIDE * TRIMETOQUINOL * l-TRIMETOQUINOL * TRIMETOQUINOL HYDROCHLORIDE * TRIQUINOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T34T35T73	orl-rat TDLo:2 gm/kg (7-14D preg)	OYYAA2 2,383,68
1T34	scu-rat TDLo:2 gm/kg (7-14D preg)	OYYAA2 2,383,68
1T35	scu-rat TDLo:1 gm/kg (7-14D preg)	OYYAA2 2,383,68
1T34	orl-mus TDLo:4 gm/kg (7-14D preg)	OYYAA2 2,383,68
1T46	scu-mus TDLo:2 gm/kg (7-14D preg)	OYYAA2 2,383,68
1T34	scu-mus TDLo:400 gm/kg (7-14D preg)	OYYAA2 2,383,68

TOXICITY DATA AND REFERENCES:

3F12J25J30	ipr-rat LD50:298 mg/kg	EJPHAZ 5,303,68
3F12J25J30	scu-rat LD50:1100 mg/kg	EJPHAZ 5,303,68
3F12J25J30	ivn-rat LD50:164 mg/kg	EJPHAZ 5,303,68
*	orl-mus LD50:2250 mg/kg	NIIRDN 6,529,82
3F12J25J30	ipr-mus LD50:370 mg/kg	EJPHAZ 5,303,68
3F12J25J30	scu-mus LD50:2000 mg/kg	EJPHAZ 5,303,68
*	ivn-mus LD50:120 mg/kg	NIIRDN 6,529,82
3F12J25J30	ivn-dog LD50:160 mg/kg	EJPHAZ 5,303,68
3F12J25J30	ipr-gpg LD50:505 mg/kg	EJPHAZ 5,303,68
3F12J25J30	scu-gpg LD50:1470 mg/kg	EJPHAZ 5,303,68

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NX0500010 6,7-ISOQUINOLINEDIOL, 1,2,3,4-TETRAHYDRO-1-(3,4,5-TRIMETHOXYBENZYL)-, HYDROCHLORIDE, (+)-

UPDT 8312 CAS: 18559-60-9

SYN: AQD * (+)-1,2,3,4-TETRAHYDRO-1-(3,4,5-TRIMETHOXYBENZYL)-6,7-ISOQUINOLINEDIOL HYDROCHLORIDE * (+)-TRIMETOQUINOL HYDROCHLORIDE * R-(+)-TRIMETOQUINOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F12J25J30	orl-mus LD50:2450 mg/kg	EJPHAZ 5,303,68
3F12J25J30	ipr-mus LD50:390 mg/kg	EJPHAZ 5,303,68
3F12J25J30	scu-mus LD50:2250 mg/kg	EJPHAZ 5,303,63
3F12J25J30	ivn-mus LD50:145 mg/kg	EJPHAZ 5,303,68
3F12J25J30	ipr-gpg LD50:820 mg/kg	EJPHAZ 5,303,68

NX0500020 6,7-ISOQUINOLINEDIOL, 1,2,3,4-TETRAHYDRO-1-(3,4,5-TRIMETHOXYBENZYL)-, HYDROCHLORIDE, (+-)-

UPDT 8406 CAS: 18559-63-2 MW: 381.89 MOLFM: C19-H23-N-O5 Cl-H

SYN: AQ 110 * (+-)-1,2,3,4-TETRAHYDRO-1-(3,4,5-TRIMETHOXYBENZYL)-6,7-ISOQUINOLINEDIOL HYDROCHLORIDE * (+-)-TRIMETHOQUINOL * dl-1-(3,4,5-TRIMETHOXYBENZYL)-6,7-DIHYDROXY-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROCHLORIDE * (+-)-TRIMETOQUINOL HYDROCHLORIDE * dl-TRIMETOQUINOL HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T72	orl-rat TDLo:4 gm/kg (7-14D preg)	OYYAA2 2,196,68
1T35	scu-rat TDLo:2 gm/kg (7-14D preg)	OYYAA2 2,196,68
1T34	scu-rat TDLo:1 gm/kg (7-14D preg)	OYYAA2 2,196,68
1T35	orl-mus TDLo:4 gm/kg (7-14D preg)	OYYAA2 2,196,68
1T34	orl-mus TDLo:2 gm/kg (7-14D preg)	OYYAA2 2,196,68
3T35T72T76	scu-mus TDLo:2 gm/kg (7-14D preg)	OYYAA2 2,196,68
1T34	scu-mus TDLo:1 gm/kg (7-14D preg)	OYYAA2 2,196,68

TOXICITY DATA AND REFERENCES:

3F12J25J30	ipr-rat LD50:311 mg/kg	EJPHAZ 5,303,68
3F12J25J30	ivn-rat LD50:174 mg/kg	EJPHAZ 5,303,68
3F12J25J30	ipr-mus LD50:340 mg/kg	EJPHAZ 5,303,68
3F12J25J30	ivn-mus LD50:130 mg/kg	EJPHAZ 5,303,68
3F12J25J30	ipr-gpg LD50:660 mg/kg	EJPHAZ 5,303,68

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NX0510000 1,3(2H,4H)-ISOQUINOLINEDIONE, 4-ALLYL-4-(2-HYDROXYPROPYL)-

UPDT 8407 MW: 259.33 MOLFM: C15-H17-N-O3

SYN: 4-ALLYL-4-(2-HYDROXYPROPYL)-1,3(2H,4H)-ISOQUINOLINEDIONE * ALLYLHYDROXYPROPYLHOMOPHTHALIMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:250 mg/kg	FRPSAX 21,394,66

NX0512000 1,3(2H,4H)-ISOQUINOLINEDIONE, 4,4-DIALLYL-

UPDT 8407 MW: 241.31 MOLFM: C15-H15-N-O2

SYN: 4,4-DIALLYL-1,3(2H,4H)-ISOQUINOLINEDIONE * DIALLYLHOMOPHTHALIMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:150 mg/kg	FRPSAX 21,394,66

NX0518000 2(1H)-ISOQUINOLINEETHANOL, 3,4-DIHYDRO-, ACETATE, HYDROCHLORIDE

UPDT 8405 MW: 255.77 MOLFM: C13-H17-N-O2 Cl-H

SYN: 3,4-DIHYDRO-2(1H)-ISOQUINOLINEETHANOL ACETATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1F29	ipr-mus LD50:302 mg/kg	JAPMA8 40,47,51

NX1410000 1-ISOQUINOLINEMETHANAMINE, 6,7-DIMETHOXY-alpha-(3,4-DIMETHOXYPHENYL)-

UPDT 8412 CAS: 39964-73-3 MW: 354.44 MOLFM: C20-H22-N2-O4

TOXICITY DATA AND REFERENCES:

1H02	ivn-mus LD50:31 mg/kg	CHTPBA 7,413,72

NX1420000 1-ISOQUINOLINEMETHANAMINE, 6,7-DIMETHOXY-alpha-(3,4-DIMETHOXYPHENYL)-N-(2-PHENYLETHYL)-

UPDT 8412 CAS: 39964-81-3 MW: 458.60 MOLFM: C28-H30-N2-O4

TOXICITY DATA AND REFERENCES:

1H02	ivn-mus LD50:24 mg/kg	CHTPBA 7,413,72

ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-5-ACETAMIDO-2-METHYL- see: AC8650000

NX4912800 ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-8-AMINO-2-METHYL-4-PHENYL-, MALEATE

UPDT 8403 CAS: 32795-47-4 MW: 354.44 MOLFM: C16-H18-N2 C4-H4-O4

SYN: ALIVAL * ALIVAL (ANTIDEPRESSANT) * HOE 984 * HOSTALIVAL * 8-ISOQUINOLINAMINE, 1,2,3,4-TETRAHYDRO-2-METHYL-4-PHENYL-, (Z)-2-BUTENEDIOATE (1:1) * MERITAL * NOMIFENSIN * NOMIFENSINE HYDROGEN MALEATE * NOMIFENSINE MALEATE * NOMIFENSIN HYDROGEN MALEATE * PSICRONIZER

TOXICITY DATA AND REFERENCES:

3F11F12F17	orl-rat LD50:430 mg/kg	ARZNAD 23,45,73
3F11F12F17	ivn-rat LD50:72 mg/kg	ARZNAD 23,45,73
3F11F12F17	orl-mus LD50:400 mg/kg	ARZNAD 23,45,73
3F11F12F17	scu-mus LD50:410 mg/kg	ARZNAD 23,45,73
3F11F12F17	ivn-mus LD50:90 mg/kg	ARZNAD 23,45,73
3F11F12F17	orl-rbt LD50:854 mg/kg	ARZNAD 23,45,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NX4915520 ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-3-BENZYLIMINO-6,7-DIMETHOXY-1-PHENYL-, HYDROCHLORIDE, HYDRATE (2:2:1)

UPDT 8306 MW: 417.93 MOLFM: C24-H24-N2-O2 Cl-H 1/2H2-O

SYN: 3-BENZYLIMINO-6,7-DIMETHOXY-1-PHENYL-1,2,3,4-TETRAHYDROISOQUINOLINE HCl HEMIHYDRATE * 1,2,3,4-TETRAHYDRO-3-BENZYLIMINO-6,7-DIMETHOXY-1-PHENYLISOQUINOLINE HCl HEMIHYDRATE

TOXICITY DATA AND REFERENCES:

3F05F11F23	ipr-mus LD50:144 mg/kg	PCJOAU 15,324,81

NX4919200 ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-2-((m-CHLOROANILINO)METHYL)-6,7-DIMETHOXY-1- (3-INDOLYLMETHYL)-

UPDT 8303 MW: 462.03 MOLFM: C27-H28-Cl-N3-O2

SYN: 2-((m-CHLOROANILINO)METHYL)-6,7-DIMETHOXY-1-(3-INDOLYLMETHYL)-1,2,3,4-TETRAHYDROISOQUINOLINE

TOXICITY DATA AND REFERENCES:

2Y18Y55	ipr-mus LD50:750 mg/kg	ARZNAD 32,1233,82

NX4919420 ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-2-(p-CHLOROBENZYL)-6,7-DIMETHOXY-, HYDROBROMIDE

UPDT 8305 CAS: 31756-22-6 MW: 398.76 MOLFM: C18-H20-Cl-N-O2 Br-H

SYN: 2-(p-CHLOROBENZYL)-6,7-DIMETHOXY-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROBROMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LDLo:425 mg/kg	CHTPBA 6,463,71

NX4993000 ISOQUINOLINE, 1,2,3,4-TETRAHYDRO 2-(alpha-(p-CHLOROPHENYL)BENZYL)-

UPDT 8310 MW: 333.88 MOLFM: C22-H20-Cl-N

SYN: N-(4'-CHLORODIPHENYLMETHYL-1,2,3,4-TETRAHYDROISOQUINOLINE

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:89 mg/kg	CSLNX* NX#12569

NX4998100 ISOQUINOLINE, TETRAHYDRO-1-(1-CYCLOHEXENYLMETHYL)-6,7-DIETHOXY-, HYDROCHLORIDE

UPDT 8402 MW: 351.96 MOLFM: C20-H29-N-O2 Cl-H

SYN: 1-(1-CYCLOHEXENYLMETHYL)-6,7-DIETHOXYTETRAHYDROISOQUINOLINE HYDROCHLORIDE * LBC 235

TOXICITY DATA AND REFERENCES:

3C08F12J22	ivn-mus LD50:38400 ug/kg	APFRAD 18,394,60

NX4998200 ISOQUINOLINE, TETRAHYDRO-1-(CYCLOHEXYLMETHYL)-6,7-DIETHOXY-, HYDROCHLORIDE

UPDT 8402 MW: 353.98 MOLFM: C20-H31-N-O2 Cl-H

SYN: 1-(CYCLOHEXYLMETHYL)-6,7-DIETHOXYTETRAHYDROISOQUINOLINE HYDROCHLORIDE * LBC 236
TOXICITY DATA AND REFERENCES:
3C08F12J22 ivn-mus LD50:44200 ug/kg APFRAD 18,394,60

NX4998300 ISOQUINOLINE, TETRAHYDRO-1-(2-CYCLOPENTENYLMETHYL)-6,7-DIETHOXY-, HYDROCHLORIDE
UPDT:8402 MW: 337.93 MOLFM: C19-H27-N-O2 Cl-H
SYN: 1-(2-CYCLOPENTENYLMETHYL)-6,7-DIETHOXYTETRAHYDROISOQUINOLINE HYDROCHLORIDE * LBC 237
TOXICITY DATA AND REFERENCES:
3C08F12J22 ivn-mus LD50:38400 ug/kg APFRAD 18,394,60

NX4998400 ISOQUINOLINE, TETRAHYDRO-1-(CYCLOPENTYLMETHYL)-6,7-DIETHOXY-, HYDROCHLORIDE
UPDT:8402 MW: 339.95 MOLFM: C19-H29-N-O2 Cl-H
SYN: 1-(CYCLOPENTYLMETHYL)-6,7-DIETHOXYTETRAHYDROISOQUINOLINE HYDROCHLORIDE * LBC 238
TOXICITY DATA AND REFERENCES:
3C08F12J22 ivn-mus LD50:52500 ug/kg APFRAD 18,394,60

NX5017600 ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-6,7-DIMETHOXY-1-(m-FLUOROBENZYL)-, HYDROBROMIDE
UPDT:8305 MW: 382.31 MOLFM: C18-H20-F-N-O2 Br-H
SYN: BROMURE de DIMETHOXY-6,7 TETRAHYDRO-1,2,3,4 meta-FLUOROBENZYL 1 ISOQUINOLEINIUM (French) * 6,7-DIMETHOXY-1-(m-FLUOROBENZYL)-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:65 mg/kg CHTPBA 6,463,71

NX5017700 ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-6,7-DIMETHOXY-1-(o-FLUOROBENZYL)-, HYDROBROMIDE
UPDT:8305 MW: 382.31 MOLFM: C18-H20-F-N-O2 Br-H
SYN: BROMURE de DIMETHOXY-6,7 TETRAHYDRO-1,2,3,4 ortho-FLUOROBENZYL 1 ISOQUINOLEINIUM (French) * 6,7-DIMETHOXY-1-(o-FLUOROBENZYL)-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:100 mg/kg CHTPBA 6,463,71

NX5017800 ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-6,7-DIMETHOXY-1-(p-FLUOROBENZYL)-, HYDROBROMIDE
UPDT:8305 MW: 382.31 MOLFM: C18-H20-F-N-O2 Br-H
SYN: BROMURE de DIMETHOXY-6,7 TETRAHYDRO-1,2,3,4 para-FLUOROBENZYL 1 ISOQUINOLEINE (French) * 6,7-DIMETHOXY-1-(p-FLUOROBENZYL)-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:300 mg/kg CHTPBA 6,463,71

NX5017900 ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-6,7-DIMETHOXY-2-(m-FLUOROBENZYL)-, HYDROBROMIDE
UPDT:8305 CAS: 31756-26-0 MW: 382.31 MOLFM: C18-H20-F-N-O2 Br-H
SYN: BROMURE de DIMETHOXY-6,7 TETRAHYDRO-1,2,3,4 meta-FLUOROBENZYL 2 ISOQUINOLEINE (French) * 6,7-DIMETHOXY-2-(m-FLUOROBENZYL)-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:400 mg/kg CHTPBA 6,463,71

NX5017930 ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-6,7-DIMETHOXY-2-(o-FLUOROBENZYL)-, HYDROBROMIDE
UPDT:8305 CAS: 31756-24-8 MW: 382.31 MOLFM: C18-H20-F-N-O2 Br-H
SYN: BROMURE de DIMETHOXY-6,7 TETRAHYDRO-1,2,3,4 ortho-FLUOROBENZYL 2 ISOQUINOLEINE (French) * 6,7-DIMETHOXY-2-(o-FLUOROBENZYL)-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:400 mg/kg CHTPBA 6,463,71

NX5017970 ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-6,7-DIMETHOXY-2-(p-FLUOROBENZYL)-, HYDROBROMIDE
UPDT:8305 CAS: 31756-28-2 MW: 382.31 MOLFM: C18-H20-F-N-O2 Br-H
SYN: BROMURE de DIMETHOXY-6,7 TETRAHYDRO-1,2,3,4 para-FLUOROBENZYL 2 ISOQUINOLEINE (French) * 6,7-DIMETHOXY-2-(p-FLUOROBENZYL)-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:425 mg/kg CHTPBA 6,463,71

NX5018000 ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-6,7-DIMETHOXY-1-(3-INDOLYLMETHYL)-2-((2-PYRIDYLAMINO) METHYL)-
UPDT:8303 MW: 428.58 MOLFM: C26-H28-N4-O2
SYN: 6,7-DIMETHOXY-1-(3-INDOLYLMETHYL)-2-((2-PYRIDYLAMINO)METHYL)-1,2,3,4-TETRAHYDROISOQUINOLINE
TOXICITY DATA AND REFERENCES:
2Y18Y55 ipr-mus LD50:750 mg/kg ARZNAD 32,1233,82

NX5018100 ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-6,7-DIMETHOXY-1-(3-INDOLYLMETHYL)-2-((o-TOLUIDINO)METHYL)-
UPDT:8303 MW: 441.62 MOLFM: C28-H31-N3-O2
SYN: 6,7-DIMETHOXY-1-(3-INDOLYLMETHYL)-2-((o-TOLUIDINO)METHYL)-1,2,3,4-TETRAHYDROISOQUINOLINE
TOXICITY DATA AND REFERENCES:
2Y18Y55 ipr-mus LD50:500 mg/kg ARZNAD 32,1233,82

NX5018200 ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-6,7-DIMETHOXY-1-(3-INDOLYLMETHYL)-2-((p-TOLUIDINO)METHYL)-
UPDT:8303 MW: 441.62 MOLFM: C28-H31-N3-O2
SYN: 6,7-DIMETHOXY-1-(3-INDOLYLMETHYL)-2-((p-TOLUIDINO)METHYL)-1,2,3,4-TETRAHYDROISOQUINOLINE
TOXICITY DATA AND REFERENCES:
2Y18Y55 ipr-mus LD50:750 mg/kg ARZNAD 32,1233,82

NX5070700 ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-6,7-DIMETHOXY-1-VERATRYL-, HYDROCHLORIDE
UPDT:8310 CAS: 6429-04-5 MW: 379.92 MOLFM: C20-H25-N-O4 Cl-H
SYN: 1,2,3,4-TETRAHYDRO-6,7-DIMETHOXY-1-VERATRYL-ISOQUINOLINE HYDROCHLORIDE * TETRAHYDROPAPAVERINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1H02 orl-rat LD50:700 mg/kg AIPTAK 149,200,64
1H02 ipr-rat LD50:100 mg/kg AIPTAK 149,200,64

NX5072500 ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-2,3-DIMETHYL-6-NITRO-4-PHENYL-, HYDROCHLORIDE, (E)-
UPDT:8304 CAS: 63937-33-7 MW: 318.83 MOLFM: C17-H18-N2-O2 Cl-H
SYN: trans-2,3-DIMETHYL-6-NITRO-4-PHENYL-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROCHLORIDE * ISOQUINOLINE, 2,3-DIMETHYL-6-NITRO-4-PHENYL-1,2,3,4-TETRAHYDRO-, HYDROCHLORIDE, (E)-
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:147 mg/kg JMCMAR 16,342,73

NX5079000 ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-2-(3-INDOLYLMETHYL)-
UPDT:8305 MW: 262.38 MOLFM: C18-H18-N2
SYN: 1,2,3,4-TETRAHYDRO-2-(3-INDOLYLMETHYL)ISOQUINOLINE
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:20300 ug/kg AIPTAK 98,335,54

NX5110000 ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-2-OCTANOYL-
UPDT:8403 CAS: 63937-47-3 MW: 259.43 MOLFM: C17-H25-N-O
SYN: AI3-36420 * 2-OCTANOYL-1,2,3,4-TETRAHYDROISOQUINOLINE * 1,2,3,4-TETRAHYDRO-2-(1-OXOOCTYL)ISOQUINOLINE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg MOD NTIS** AD-A042-527
eye-rbt 100 mg MLD NTIS** AD-A042-527

NX5114000 ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-2-PROPYL-, HYDROCHLORIDE
UPDT:8310 MW: 211.76 MOLFM: C12-H17-N Cl-H
SYN: 1,2,3,4-TETRAHYDRO-2-PROPYLISOQUINOLINE HYDROCHLORIDE * 1,2,3,4-TETRAHYDRO-2-PROPYLLEUCOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:132 mg/kg JMCMAR 18,1194,75

NX5125500 ISOQUINOLINIUM, 2-AMINO-, PERCHLORATE
UPDT:8408 CAS: 76226-95-9 MW: 244.65 MOLFM: C9-H9-N2 Cl-O4
SYN: 2-AMINO-ISOQUINOLINIUM PERCHLORATE
TOXICITY DATA AND REFERENCES:
2A11F07 ipr-mus LD50:520 mg/kg RPTOAN 43,213,80

NX5127000 ISOQUINOLINIUM, 2-(BENZOYLAMINO)-, CHLORIDE
UPDT:8402 CAS: 31382-97-5 MW: 284.76 MOLFM: C16-H13-N2-O Cl
SYN: 2-(BENZOYLAMINO)-ISOQUINOLINIUM CHLORIDE * N-BENZOYL-IMINO-ISOQUINOLINE
TOXICITY DATA AND REFERENCES:
2A11F07 ipr-mus LD50:362 mg/kg RPTOAN 43,213,80

NX5136000 ISOQUINOLINIUM, 2-((4-CHLOROBENZOYL)AMINO)-, CHLORIDE
UPDT:8402 CAS: 76226-96-0 MW: 319.20 MOLFM: C16-H12-Cl-N2-O Cl
SYN: 2-((4-CHLOROBENZOYL)AMINO)-ISOQUINOLINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
2A11F07 ipr-mus LD50:590 mg/kg RPTOAN 43,213,80

NX5137000 ISOQUINOLINIUM, 2,2'-DECAMETHYLENEBIS(1,2,3,4-TETRAHYDRO-6,7-DIMETHOXY-2-METHYL-1-VERATRYL-, BIS(METHYL SULFATE)
UPDT:8406 CAS: 3253-60-9 MW: 1077.48 MOLFM: C52-H74-N2-O8 2C-H3-O4-S
SYN: LAUDEXENIUM METHYL SULFATE * LAUDEXIUM * LAUDEXIUM METHYLSULFATE * LAUDEXIUM METILSULFATE * LAUDOLISSIN
TOXICITY DATA AND REFERENCES:
2F23J30 ipr-mus LD50:460 ug/kg JJPAAZ 8,58,58
2F23J30 ivn-rbt LD50:130 ug/kg JJPAAZ 8,58,58

NX5250000 ISOQUINOLINIUM, 2-DODECYL-, BROMIDE
UPDT:8309 CAS: 93-23-2 MW: 378.45 MOLFM: C21-H32-N Br
SYN: INTEXSAN LQ75 * ISOTHAN * ISOTHAN Q-15 * ISOTHAN Q-75 * ISOTHAN Q-90 * LAURYLISOQUINOLINIUM BROMIDE
IRRITATION DATA AND REFERENCES:
eye-rat 2 mg FCTXAV 15,131,77
eye-mus 2 mg SEV FCTXAV 15,131,77
eye-dog 2 mg FCTXAV 15,131,77
eye-mky 2 mg FCTXAV 15,131,77
eye-rbt 2 mg MOD FCTXAV 15,131,77
eye-gpg 2 mg FCTXAV 15,131,77
eye-ham 2 mg SEV FCTXAV 15,131,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:230 mg/kg SSCHAH 25,125,49
orl-gpg LD50:200 mg/kg SSCHAH 25,125,49
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARTODN 32,245,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NX5426000 ISOQUINOLINIUM, 2,2'-EICOSAMETHYLENEBIS-, DIIODIDE
UPDT:8406 MW: 792.74 MOLFM: C38-H54-N2 2I
SYN: BIQ 20 * 2,2'-EICOSAMETHYLENEBIS(ISOQUINOLINIUM IODIDE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2800 ug/kg JPPMAB 8,110,56

NX5825000 ISOQUINOLINIUM, 1,2,3,4-TETRAHYDRO-7-HYDROXY-1-((4-HYDROXYPHENYL)METHYL)-6-METHOXY- 2,2-DIMETHYL-, CHLORIDE, (R)-
UPDT:8406 CAS: 75413-87-3 MW: 349.87 MOLFM: C19-H24-N-O3 Cl
SYN: MAGNOCURARINE CHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F17F18 ipr-mus LD50:45500 ug/kg JJPAAZ 2,89,53
3F12F17F18 ivn-mus LD50:8430 ug/kg JJPAAZ 2,89,53

NX6032000 8-ISOQUINOLINOL, 1,2,3,4-TETRAHYDRO-1-METHYL-, METHYLCARBAMATE (ester), HYDRIODIDE
UPDT:8312 MW: 348.21 MOLFM: C12-H16-N2-O2 H-I
SYN: CARBAMIC ACID, METHYL-, 1,2,3,4-TETRAHYDRO-1-METHYL-8-QUINOLYL ESTER, HYDRIODIDE * N-METHYLURETHANE of HYDRIODIDE of 8-HYDROXY-1-METHYL-1,2,3,4-TETRAHYDROQUINOLINE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:5 gm/kg JCSOA9 -,182,47

NX6036000 3(2H)-ISOQUINOLINONE, 1-((3,4-DIETHOXYPHENYL)METHYL)-6,7-DIETHOXY-2-METHYL-, HYDROCHLORIDE
UPDT:8406 CAS: 37528-72-6 MW: 462.03 MOLFM: C25-H31-N-O5 Cl-H
SYN: 6,7-DIETHOXY-1-(3,4-DIETHOXYBENZYL)-2-METHYL-3(2H)-ISOQUINOLONE HYDROCHLOIRDE
TOXICITY DATA AND REFERENCES:
3A11F19J22 orl-mus LD50:1000 mg/kg JMCMAR 15,1131,72

NX6036500 3(2H)-ISOQUINOLINONE, 1,4-DIHYDRO-2-AMINO-
UPDT:8406 MW: 162.21 MOLFM: C9-H10-N2-O
SYN: 2-AMINO-1,4-DIHYDRO-3(2H)-ISOQUINOLINONE * 2-AMINO-1,4-DIHYDROISOQUINOLIN-3(2H)-ONE * 2-AMINO-1,4-DIIDROISOCHINOLIN-3(2H)-ONE (Italian)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:50 mg/kg FRPSAX 38,199,83

NX6036600 3(2H)-ISOQUINOLINONE, 1,4-DIHYDRO-2-(BENZYLIDENEAMINO)-
UPDT:8406 MW: 250.32 MOLFM: C16-H14-N2-O
SYN: 2-(BENZYLIDENEAMINO)-1,4-DIHYDRO-3(2H)-ISOQUINOLINONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:100 mg/kg FRPSAX 38,199,83

NX6036700 3(2H)-ISOQUINOLINONE, 1,4-DIHYDRO-2-((3,4-DICHLOROBENZYLIDENE)AMINO)-
UPDT:8406 MW: 319.20 MOLFM: C16-H12-Cl2-N2-O
SYN: 2-((3,4-DICHLOROBENZYLIDENE)AMINO)-1,4-DIHYDRO-3(2H)-ISOQUINOLINONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg FRPSAX 38,199,83

NX6037200 3(2H)-ISOQUINOLINONE, 1,4-DIHYDRO-4-(((2-(DIETHYLAMINO)ETHYL)AMINO)METHYLENE)-6,7-DIMETHOXY-
UPDT:8306 CAS: 78915-25-0 MW: 409.58 MOLFM: C24-H31-N3-O3
SYN: 1,4-DIHYDRO-4-(((2-(DIETHYLAMINO)ETHYL)AMINO)METHYLENE)-6,7-DIMETHOXY-3(2H)-ISOQUINOLINONE
TOXICITY DATA AND REFERENCES:
3F05F11F23 ipr-mus LD50:225 mg/kg PCJOAU 15,324,81

NX6037220 3(2H)-ISOQUINOLINONE, 1,4-DIHYDRO-6,7-DIMETHOXY-4-((DIMETHYLAMINO)METHYLENE)-
UPDT:8306 MW: 262.34 MOLFM: C14-H18-N2-O3
SYN: 1,4-DIHYDRO-6,7-DIMETHOXY-4-((DIMETHYLAMINO)METHYLENE)-3(2H)-ISOQUINOLINONE * 4-DIMETHYLAMINOMETHYLENE-6,7-DIMETHOXY-1,2,3,4-TETRAHYDROISOQUINOLINE-3-ONE
TOXICITY DATA AND REFERENCES:
3F05F11F23 ipr-mus LD50:77 mg/kg PCJOAU 15,324,81

NX6037240 1(2H)-ISOQUINOLINONE, 3,4-DIHYDRO-6,7-DIMETHOXY-, HYDRAZONE, MONOHYDROCHLORIDE
UPDT:8306 CAS: 78915-33-0 MW: 257.75 MOLFM: C11-H15-N3-O2 Cl-H
SYN: 3,4-DIHYDRO-6,7-DIMETHOXY-1(2H)-ISOQUINOLINONE HYDRAZONE HYDROCHLORIDE * 1-HYDRAZONO-6,7-DIMETHOXY-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F05F11F23 ipr-mus LD50:135 mg/kg PCJOAU 15,324,81

NX6037300 3(2H)-ISOQUINOLINONE, 1,4-DIHYDRO-2-(DIMETHYLAMINO)-, MONOHYDROCHLORIDE
UPDT:8406 MW: 226.73 MOLFM: C11-H14-N2-O Cl-H

SYN: 2-(DIMETHYLAMINO)-1,4-DIHYDRO-3(2H)-ISOQUINOLINONE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:250 mg/kg FRPSAX 38,199,83

NX6037400 3(2H)-ISOQUINOLINONE, 1,4-DIHYDRO-2-(METHYLAMINO)-
UPDT:8406 MW: 176.24 MOLFM: C10-H12-N2-O
SYN: 1,4-DIHYDRO-2-METHYLAMINOISOQUINOLIN-3(2H)-ONE * 2-(METHYLAMINO)-1,4-DIHYDRO-3(2H)-ISOQUINOLINONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:150 mg/kg FRPSAX 38,199,83

ISOREN see: DB1556000
ISORENIN see: DO1750000
ISOROTTLERIN see: AM8462000
ISOSAFROLE see: DA5950000
alpha-ISOSAFROLE see: DA5952000
beta-ISOSAFROLE see: DA5951000
cis-ISOSAFROLE see: DA5952000
trans-ISOSAFROLE see: DA5951000
(E)-ISOSAFROLE see: DA5951000
ISOSAFROLE, OCTYL SULFOXIDE see: DA5775000
ISOSAFROLE n-OCTYLSULFOXIDE see: DA5775000
ISOSCOPIL see: YM4550000
ISOSORBIDE see: LZ4380000
(+)-D-ISOSORBIDE see: LZ4380000
ISOSORBIDE DINITRATE MIXTURE (DOT) see: LZ4386000
(-)-beta-ISOSPARTEINE see: NX6874000

NX6874000 beta-ISOSPARTEINE
UPDT:8402 CAS: 24915-04-6 MW: 234.43 MOLFM: C15-H26-N2
SYN: (-)-beta-ISOSPARTEINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:93 mg/kg JAFCAU 30,796,82

ISOTACTIC POLYPROPYLENE see: UD1842000
ISOTAZIN see: SO4900000
ISOTEBE see: NS1750000
ISOTEBEZID see: NS1750000
ISOTENIC ACID see: NY2100000
ISOTENSE see: ZG0175000
ISOTHAN see: NX5250000
ISOTHAN Q-15 see: NX5250000
ISOTHAN Q-75 see: NX5250000
ISOTHAN Q-90 see: NX5250000
ISOTHAZINE see: SO4900000

NX8155820 4-ISOTHIAZOLECARBOXAMIDE, 5-(BENZOYLAMINO)-N-(p-CHLOROPHENYL)-3-METHYL-
UPDT:8306 CAS: 51287-57-1 MW: 371.86 MOLFM: C18-H14-Cl-N3-O2-S
SYN: 5-(BENZOYLAMINO)-N-(p-CHLOROPHENYL)-3-METHYL-4-ISOTHIAZOLECARBOXAMIDE * p-CHLOROPHENYLAMIDE of 3-METHYL-5-BENZOYLAMINOIZOTHIAZOLE-4-CARBOXYLIC ACID * COMPOUND ITC1
TOXICITY DATA AND REFERENCES:
2F17Y55 ipr-rat LD50:330 mg/kg AITEAT 28,393,80
2F17Y55 ipr-mus LD50:219 mg/kg AITEAT 28,393,80

NX8155840 ISOTHIAZOLE, 5-(2-(DIETHYLAMINO)ACETAMIDO)-3-METHYL-
UPDT:8408 MW: 227.36 MOLFM: C10-H17-N3-O-S
SYN: 5-(2-(DIETHYLAMINO)ACETAMIDO)-3-METHYLISOTHIAZOLE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:385 mg/kg YKKZAJ 83,195,63

NX8155850 ISOTHIAZOLE, 5-(2-(DIMETHYLAMINO)ACETAMIDO)-3-METHYL-
UPDT:8408 MW: 199.30 MOLFM: C8-H13-N3-O-S
SYN: 5-(2-(DIMETHYLAMINO)ACETAMIDO)-3-METHYLISOTHIAZOLE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:1 gm/kg YKKZAJ 83,195,63

NX8155950 ISOTHIAZOLE, 4-NITRO-
UPDT:8402 CAS: 931-07-7 MW: 130.13 MOLFM: C3-H2-N2-O2-S
SYN: 4-NITROISOTHIAZOLE
MUTATION DATA AND RFFERENCES:
mmo-sat 10 umol/L MUREAV 118,153,83
mmo-klp 200 umol/L MUREAV 118,153,83

NX8156850 4-ISOTHIAZOLIN-3-ONE, 5-CHLORO-2-METHYL-
UPDT:8402 MW: 149.60 MOLFM: C4-H4-Cl-N-O-S
SYN: 5-CHLORU-2-METHYL-4-ISOTHIAZOLIN-3-ONE
MUTATION DATA AND REFERENCES:
mmo-sat 200 ng/plate MUREAV 118,129,83

NX8156900 4-ISOTHIAZOLIN-3-ONE, 2-OCTYL-
ISOTHIAZINE see: SO4900000
UPDT:8412 CAS: 2653-02-1 MW: 213.37 MOLFM: C11-H19-N-O-S
SYN: MICRO-CHEK SKANE * 2-OCTYL-4-ISOTHIAZOLIN-3-ONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MosJN# 15AUG79
eye-rbt 100 mg SEV MosJN# 15AUG79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:550 mg/kg MosJN# 15AUG79
skn-rbt LD50:690 mg/kg MosJN# 15AUG79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ISOTHIN see: NS0350000
ISOTHIOATE see: TE4465000
ISOTHIOCYANATE D'ALLYLE (French) see: NX8225000
ISOTHIOCYANATE DE METHYLE (French) see: PA9625000
1-ISOTHIOCYANATE-NAPHTHALENE see: NX9100000
3-ISOTHIOCYANATOBENZENAMINE see: CY0886500
ISOTHIOCYANATOMETHANE see: PA9625000
1-ISOTHIOCYANATONAPHTHALENE see: NX9100000
4-ISOTHIOCYANATO-4'-NITRODIPHENYLAMINE see: NX9106000
3-ISOTHIOCYANATO-1-PROPENE see: NX8225000
ISOTHIOCYANATOTRIMETHYLTIN see: WH8583600

NX8210000 ISOTHIOCYANIC ACID
UPDT:8308 CAS: 3129-90-6 MW: 59.09 MOLFM: C-H-N-S
SYN: HYDROGEN ISOTHIOCYANATE * ISOTHIOCYANIC ACID (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

NX8225000 ISOTHIOCYANIC ACID, ALLYL ESTER
UPDT:8412 CAS: 57-06-7 MW: 99.16 MOLFM: C4-H5-N-S
SYN: AITC * ALLYL ISOSULFOCYANATE * ALLYL ISOTHIOCYANATE * ALLYL ISOTHIOCYANATE, stabilized (DOT) * ALLYL MUSTARD OIL * ALLYLSENEVOL * ALLYLSENFOEL (German) * ISOTHIOCYANATE D'ALLYLE (French) * 3-ISOTHIOCYANATO-1-PROPENE * MUSTARD OIL * NCI-C50464 * OIL of MUSTARD, ARTIFICIAL * OLEUM SINAPIS VOLATILE * PROPENE, 3-ISOTHIOCYANATO- * 2-PROPENYL ISOTHIOCYANATE * REDSKIN * SENF OEL (German) * SYNTHETIC MUSTARD OIL * UN 1545 (DOT) * VOLATILE OIL of MUSTARD
IRRITATION DATA AND REFERENCES:
eye-rbt 2 mg AEPPAE 219,119,53
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate ABCHA6 44,3017,80
mmo-sat 1 umol/plate CBINAB 38,303,82
mmo-esc 5 ug/plate KEKHB8 (9),11,79
sln-dmg-ihl 100 pph/8M PREBA3 628,284,46/47
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 scu-rat TDLo:100 mg/kg (8-9D preg) FCTXAV 18,159,80
1T25 scu-rat TDLo:200 mg/kg (8-9D preg) FCTXAV 18,159,80
TUMORIGENIC DATA AND REFERENCES:
2V02M60 orl-rat TDLo:12875 mg/kg/2Y-I NTPTR* NTP-TR-234,82
3V03V08V16 skn-mus TDLo:12 gm/kg/12W-I AICCA6 11,699,55
TOXICITY DATA AND REFERENCES:
orl-rat LD50:148 mg/kg PHARAT 14,435,59
ipr-rat LDLo:80 mg/kg ARZNAD 16,870,66
2F24R03 scu-rat LD50:92 mg/kg FCTXAV 18,159,80
orl-mus LD50:310 mg/kg TXAPA9 42,417,77
ipr-mus LDLo:4 mg/kg TXAPA9 23,288,72
scu-mus LD50:80 mg/kg ARZNAD 5,505,55
skn-rbt LD50:88 mg/kg TXAPA9 42,417,77
ivn-rbt LDLo:12 mg/kg BIJOAK 4,107,09
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 26,225,74
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NTPTR* NTP-TR-234,82)
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NTPTR* NTP-TR-234,82)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NX8400000 ISOTHIOCYANIC ACID, p-BROMOPHENYL ESTER
UPDT:8305 CAS: 1985-12-2 MW: 214.09 MOLFM: C7-H4-Br-N-S
SYN: p-BROMOPHENYL ISOTHIOCYANATE
TOXICITY DATA AND REFERENCES:
3F11F18K06 orl-rat LD50:400 mg/kg FCTXAV 5,741,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ISOTHIOCYANIC ACID (DOT) see: NX8210000

NX8580000 ISOTHIOCYANIC ACID, ETHYLENE ESTER
UPDT:8408 CAS: 3688-08-2 MW: 144.22 MOLFM: C4-H4-N2-S2
SYN: AETHYLEN-BIS-THIURAMMONOSULFID (German) * AETHYLSENFOEL (German) * AETM (German) * DIMETHYLENE DIISOTHIOCYANATE * EBI * EBIS * ETHANE, 1,2-DIISOTHIOCYANATO- (9CI) * ETHYLENEBISISOTHIOCYANATE * ETHYLENE BIS-THIURAMMONO-SULFIDE * ETHYLENE DIISOTHIOCYANATE * SENFOL (German)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:250 mg/kg (6-15D preg) TJADAB 13,263,76
1T34 orl-rat TDLo:500 mg/kg (6-15D preg) BECTA6 17,159,77
1T81 orl-rat TDLo:465 mg/kg (7-22D preg/15D post) JTEHD6 5,821,79
1T46 orl-rat TDLo:250 mg/kg (6-15D preg) TJADAB 13,263,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:112 mg/kg BECTA6 17,159,77
scu-mus LD50:110 mg/kg ARZNAD 5,505,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ISOTHIOCYANIC ACID, METHYL ESTER see: PA9625000

NX8944000 ISOTHIOCYANIC ACID, 4-(METHYLSULFINYL)-3-BUTENYL ESTER
UPDT:8308 CAS: 592-95-0 MW: 175.28 MOLFM: C6-H9-N-O-S2
SYN: 1-BUTENE, 4-ISOTHIOCYANATO-1-(METHYLSULFINYL)- (9CI) * RAPHANIN * SATIVIN * SULFORAPHENE * SULPHORAPHEN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:10 mg/kg 85GDA2 8(2),357,82

NX8960000 ISOTHIOCYANIC ACID, 3-(METHYLSULFONYL)PROPYL ESTER
UPDT:8308 CAS: 505-34-0 MW: 179.27 MOLFM: C5-H9-N-O2-S2
SYN: CHEIROLIN * CHEIROLINE * METHYLPROPYLSULFONE MUSTARD OIL * 4-METHYLSULPHONYL * PROPANE, 1-ISOTHIOCYANATO-3-(METHYLSULFONYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:2 mg/kg 85GDA2 8(2),359,82

NX9100000 ISOTHIOCYANIC ACID, 1-NAPHTHYL ESTER
UPDT:8406 CAS: 551-06-4 MW: 185.25 MOLFM: C11-H7-N-S
SYN: ANI * ANIT * 1-ISOTHIOCYANATE-NAPHTHALENE * 1-ISOTHIOCYANATONAPHTHALENE * KESSCOCIDE * NAPHTHALENE, ISOTHIOCYANATO- * alpha-NAPHTHYL ISOTHIOCYANATE * 1-NAPHTHYL ISOTHIOCYANATE
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate ABCHA6 44,3017,80
dns-rat:lvr 10 umol/L ENMUDM 3,11,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:200 mg/kg JPBAA7 76,175,58
orl-mus LD50:245 mg/kg TXAPA9 7,804,65
* ipr-mus LD50:152 mg/kd JJIND8 62,911,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NX9106000 ISOTHIOCYANIC ACID, p-(p-NITROANILINO)PHENYL ESTER
UPDT:8403 CAS: 26328-53-0 MW: 271.31 MOLFM: C13-H9-N3-O2-S
SYN: AMOSCANATE * BENZENAMINE, 4-ISOTHIOCYANATO-N-(4-NITROPHENYL)- (9CI) * C 9333 GO * CGP 4540 * CIBA 9333 GO * 4-ISOTHIOCYANATO-4'-NITRODIPHENYLAMINE * 4-ISOTHIOCYANO-4'-NITRO DIPHENYLAMINE * NITHIOCYAMINE
MUTATION DATA AND REFERENCES:
bfa-mus/sat 250 mg/kg TCMUD8 1,129,80
bfa-mus/omi 250 mg/kg TCMUD8 1,129,80
hma-mus/omi 250 mg/kg TCMUD8 1,129,80
hma-mus/sat 250 mg/kg CSHCAL 4,445,77
bfa-mky/sat 150 mg/kg ENMUDM 1,353,79
bfa-mam/sat 150 mg/kg ENMUDM 1,353,79
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

4-ISOTHIOCYANO-4'-NITRO DIPHENYLAMINE see: NX9106000
ISOTHIOUREA see: YU2800000
ISOTHIPENDYL HYDROCHLORIDE see: UU8568000
(+-)-ISOTHUJONE see: XO9635000
(-)-3-ISOTHUJONE see: XO9625000
d-ISOTHUJONE see: XO9630000
racemic 3-ISOTHUJONE see: XO9635000
ISOTHURIN HYDROCHLORIDE see: DO2320000
ISOTHYMOL see: FI1225000
ISOTIAMIDA see: NS0350000
ISOTINYL see: NS1750000
ISOTIOCIANATO DI METILE (Italian) see: PA9625000
ISOTIRAN see: UV6309000

ISOTOX see: GV4900000
ISOTRETINOIN see: VH6440000
ISOTRICYCLOQUINAZOLINE NITRATE see: XA5260000
ISOTRIFOLIN see: LK8960000
ISOTRON 11 see: PB6125000
ISOTRON 12 see: PA8200000
ISOTRON 22 see: PA6390000
ISOUREA see: YR6250000
ISOURETHANE see: TR7875000
ISOVAL see: YS3150000
ISOVALERAL see: ES3450000
ISOVALERALDEHYDE see: ES3450000
8-ISOVALERATE see: YD0100000
ISOVALERIANIC see: NY1400000
ISOVALERIANIC ACID see: NY1400000

NY1400000 ISOVALERIC ACID
UPDT:8403 CAS: 503-74-2 MW: 102.15 MOLFM: C5-H10-O2
SYN: ACETIC ACID, ISOPROPYL- * BUTYRIC ACID, 3-METHYL- * DELPHINIC ACID * ISOPENTANOIC ACID * ISOPENTANOIC ACID (DOT) * ISOPROPYLACETIC ACID * ISOVALERIANIC * ISOVALERIANIC ACIC * 3-METHYLBUTANOIC ACID * beta-METHYLBUTYRIC ACID * 3-METHYLBUTYRATE * 3-METHYLBUTYRIC ACID * NA 1760 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 470 mg open MOD UCDS** 1/31/72
skn-rbt 500 mg/24H MOD FCTXAV 17,841,79
eye-rbt 940 ug MLD UCDS** 1/31/72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2000 mg/kg UCDS** 1/31/72
1F12 ivn-mus LD50:1120 mg/kg APTOA6 18,141,61
skn-rbt LD50:310 mg/kg UCDS** 1/31/72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 21,100,60
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NY1412000 ISOVALERIC ACID, ALLYL ESTER
UPDT:8412 CAS: 2835-39-4 MW: 142.22 MOLFM: C8-H14-O2
SYN: ALLYL ISOVALERATE * BUTYRIC ACID, 3-METHYL-, ALLYL ESTER * NCI-C54717
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,703,79
TUMORIGENIC DATA AND REFERENCES:
3V01P61P62 orl-rat TDLo:31930 mg/kg/2Y-I NTPTR* NTP-TR-253,83
2V01P62 orl-mus TDLo:31930 mg/kg/2Y-I NTPTR* NTP-TR-253,83
3V03N60P61 orl-rat TD :15965 mg/kg/2Y-I NTPTR* NTP-TR-253,83
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:230 mg/kg FCTXAV 17,703,79
* skn-rbt LD50:560 mg/kg FCTXAV 17,703,79
STATUS:
★ NTP CARCINOGENESIS STUDIES, COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NTPTR* NTP-TR-253,83)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NY141500[illegible] [illegible]ERIC ACID, BENZYL ESTER
UPDT:83[illegible] CAS: 103[illegible] MW: 192.28 MOLFM: C12-H16-O2
SYN: BENZYL ISOVALERATE * BENZYL 3-METHYLBUTANOATE * BENZYL 3-METHYL BUTYRATE * BUTANOIC ACID, 3-METHYL-, PHENYLETHYL ESTER * ISOPENTANOIC ACID, PHENYLMETHYL ESTER * ISOPROPYL ACETIC ACID, BENZYL ESTER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 12,829,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NY1502000 ISOVALERIC ACID, BUTYL ESTER
UPDT:8305 CAS: 109-19-3 MW: 158.27 MOLFM: C9-H18-O2
SYN: BUTANOIC ACID, 3-METHYL-, BUTYL ESTER * n-BUTYL ISOPENTANOATE * BUTYL ISOVALERATE * n-BUTYL ISOVALERATE * 1-BUTYL ISOVALERATE * BUTYL ISOVALERIANATE * BUTYL 3-METHYLBUTYRATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 18,659,80
TOXICITY DATA AND REFERENCES:
3D35G10J22 orl-rbt LD50:8200 ug/kg FCTXAV 18,659,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ISOVALERIC ACID, 3,7-DIMETHYL-2,6-OCTADIENYL ESTER, (E)- see: RG5927700
ISOVALERIC ACID, 3,7-DIMETHYL-2,6-OCTADIENYL ESTER, (Z)- see: RG5927710
ISOVALERIC ACID, (4,7-DIMETHYL-1,6-OCTADIEN-3-YL) ESTER see: RG5927200

NY1504000 ISOVALERIC ACID, ETHYL ESTER
UPDT:8305 CAS: 108-64-5 MW: 130.21 MOLFM: C7-H14-O2
SYN: BUTANOIC ACID, 3-METHYL-, ETHYL ESTER * BUTYRIC ACID, 3-METHYL-, ETHYL ESTER * ETHYL ISOVALERATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 16,743,78
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1200 mg/kg FCTXAV 16,743,78
orl-rbt LD50:7031 mg/kg IMSUAI 41,31,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NY1506000 ISOVALERIC ACID, ISOBUTYL ESTER
UPDT:8305 CAS: 589-59-3 MW: 158.27 MOLFM: C9-H18-O2
SYN: BUTANOIC ACID, 3-METHYL-, 2-METHYLPROPYL ESTER (9CI) * ISOBUTYL ISOPENTANOATE * ISOBUTYL ISOVALERATE * 2-METHYLPROPYL ISOVALERATE * 2-METHYLPROPYL 3-METHYLBUTYRATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),725,82
TOXICITY DATA AND REFERENCES:
orl-rbt LD50:7755 mg/kg IMSUAI 41,31,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NY1508000 ISOVALERIC ACID, ISOPENTYL ESTER
UPDT:8305 CAS: 659-70-1 MW: 172.30 MOLFM: C10-H20-O2
SYN: ISOAMYL ISOVALERATE * ISOPENTYL ISOVALERATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,789,78
TOXICITY DATA AND REFERENCES:
orl-rbt LD50:13956 mg/kg IMSUAI 41,31,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NY1510000 ISOVALERIC ACID, METHYL ESTER
UPDT:8408 CAS: 556-24-1 MW: 116.18 MOLFM: C6-H12-O2
SYN: BUTANOIC ACID, 3-METHYL-, METHYL ESTER (9CI) * METHYL ISOPENTANOATE * METHYL ISOVALERATE * METHYLISOVALERATE (DOT) * METHYL 3-METHYLBUTANOATE * METHYL 3-METHYLBUTYRATE * UN 2400 (DOT)
TOXICITY DATA AND REFERENCES:
* ihl-mus LC50:20250 mg/m3/2H 85GMAT -,84.82
orl-rbt LD50:5693 mg/kg IMSUAI 41,31,72
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ISOVALERIC ALDEHYDE see: ES3450000
ISOVALERONE see: MJ5775000

NY1750000 ISOVALERONITRILE
UPDT:8411 CAS: 625-28-5 MW: 83.15 MOLFM: C5-H9-N
SYN: BUTYRONITRILE, 2-METHYL- * ISOAMYLNITRILE * 2-METHYLBUTANE SECONDARY MONONITRILE * 3-METHYLBUTYRONITRILE
TOXICITY DATA AND REFERENCES:
par-mus LDLo:400 mg/kg CBCCT* 7,690,55
* orl-mus LD50:233 mg/kg ARTODN 55,47,84
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NY1860300 ISOVALINE, N-(((DIETHOXYPHOSPHINOTHIOYL)THIO)ACETYL)-
UPDT:8402 MW: 343.43 MOLFM: C11-H22-N-O5-P-S2
SYN: N-(((DIETHOXYPHOSPHINOTHIOYL)THIO)ACETYL)ISOVALINE * N-(MERCAPTOACETYL)ISOVALINE S-ESTER with O,O-DIETHYLPHOSPHORODITHIOATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg IANBAM (2),242,82

NY1860400 ISOVALINE, N-(((DIETHOXYPHOSPHINOTHIOYL)THIO)ACETYL)-, ETHYL ESTER
UPDT:8402 MW: 371.49 MOLFM: C13-H26-N-O5-P-S2
SYN: N-(((DIETHOXYPHOSPHINOTHIOYL)THIO)ACETYL)ISOVALINE ETHYL ESTER * N-(MERCAPTOACETYL)ISOVALINE ETHYL ESTER S-ESTER WITH O,O-DIETHYLPHOSPHORODITHIOATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:50 mg/kg IANBAM (2),242,82
ISOVALTRATUM see: YV9960000
ISOVANILLIN see: CU6540000
ISOVANILLINE see: CU6540000
ISOWOGONIN see: LK8331100
ISOXAL see: TM9850100
ISOXAMIN see: WO9100000
ISOXANTHINE see: ZD7700000
ISOXATHION see: TF5600000
p-ISOXAZINE, TETRAHYDRO- see: QD6475000
ISOXAZOL see: BV7992000

NY2100000 5-ISOXAZOLEACETIC ACID, alpha-AMINO-3-HYDROXY-, MONOHYDRATE
UPDT:8403 CAS: 60573-88-8 MW: 176.15 MOLFM: C5-H6-N2-O4 H2-O
SYN: alpha-AMINO-2,3-DIHYDRO-3-OXO-5-ISOXAZOLEACETIC ACID * alpha-AMINO-3-HYDROXY-5-ISOXAZOLEACETIC ACID HYDRATE * alpha-AMINO-3-HYDROXY-5-ISOXAZOLESSIGSAURE HYDRAT (German) * AMINO-(3-HYDROXY-5-ISOXAZOLYL)ACETIC ACID * IBOTENIC ACID * IBOTENSAURE (German) * ISOTENIC ACID * PRAMUSCIMOL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:129 mg/kg ARZNAD 18,311,68
ivn-rat LD50:42 mg/kg ARZNAD 18,311,68
orl-mus LD50:38 mg/kg ARZNAD 18,311,68
ivn-mus LD50:15 mg/kg ARZNAD 18,311,68
scu-rbt LDLo:45 mg/kg AIPTAK 5,161,1899
scu-frg LDLo:4000 mg/kg AIPTAK 5,161,1899
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: LLOYA2 38(1),36,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NY2105000 ISOXAZOLE, 5-(p-AMINOBENZAMIDO)-4-(2-BUTOXYETHYL)-3-METHYL-
UPDT:8408 MW: 317.43 MOLFM: C17-H23-N3-O3
SYN: 5-(p-AMINOBENZAMIDO)-4-(2-BUTOXYETHYL)-3-METHYLISOXAZOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:450 mg/kg YKKZAJ 82,481,62

NY2105500 ISOXAZOLE, 5-(p-AMINOBENZAMIDO)-3,4-DIMETHYL-
UPDT:8412 MW: 231.28 MOLFM: C12-H13-N3-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:650 mg/kg YKKZAJ 82,474,62

NY2106000 ISOXAZOLE, 5-(p-AMINOBENZAMIDO)-4-(2-METHOXYETHYL)-3-METHYL-
UPDT:8408 MW: 275.34 MOLFM: C14-H17-N3-O3
SYN: 5-(p-AMINOBENZAMIDO)-4-(2-METHOXYETHYL)-3-METHYLISOXAZOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg YKKZAJ 82,481,62

NY2305000 ISOXAZOLE, 4-(2-BUTOXYETHYL)-5-(2-(DIETHYLAMINO)ACETAMIDO)-3-METHYL-
UPDT:8408 MW: 311.48 MOLFM: C16-H29-N3-O3
SYN: 4-(2-BUTOXYETHYL)-5-(2-(DIETHYLAMINO)ACETAMIDO)-3-METHYLISOXAZOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg YKKZAJ 82,481,62

NY2306000 ISOXAZOLE, 4-(2-BUTOXYETHYL)-5-(2-(DIMETHYLAMINO)ACETAMIDO)-3-METHYL-
UPDT:8408 MW: 283.42 MOLFM: C14-H25-N3-O3
SYN: 4-(2-BUTOXYETHYL)-5-(2-(DIMETHYLAMINO)ACETAMIDO)-3-METHYLISOXAZOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg YKKZAJ 82,481,62

NY2350000 3-ISOXAZOLECARBOXAMIDE, N-(2-(4-(((((HEXAHYDRO-1H-AZEPIN-1-YL)AMINO)CARBONYL)AMINO)SULFONYL) PHENYL)ETHYL)-5-METHYL-
UPDT:8405 CAS: 25046-79-1 MW: 449.58 MOLFM: C20-H27-N5-O5-S
SYN: BS 4231 * GLISOXEPID * GLISOXEPIDE * PRO-DIABAN * RP 22410
TOXICITY DATA AND REFERENCES:
3F12J24J30 ivn-rat LD50:196 mg/kg ARZNAD 24,409,74
3F12J24J30 ivn-mus LD50:283 mg/kg ARZNAD 24,409,74
4-ISOXAZOLECARBOXYLIC ACID, 3-MESITYL-, ESTER with CHOLINE BROMIDE see: FZ9878000

NY2758300 ISOXAZOLE, 5-(2-(DIETHYLAMINO)ACETAMIDO)-3,4-DIMETHYL-, PICRATE
UPDT:8412 MW: 454.45 MOLFM: C11-H19-N3-O2 C6-H3-N3-O7
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg YKKZAJ 82,474,62

NY2758500 ISOXAZOLE, 5-(2-(DIETHYLAMINO)ACETAMIDO)-4-(2-ETHOXYETHYL)-3-METHYL-
UPDT:8408 MW: 283.42 MOLFM: C14-H25-N3-O3
SYN: 5-(2-(DIETHYLAMINO)ACETAMIDO)-4-(2-ETHOXYETHYL)-3-METHYLISOXAZOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg YKKZAJ 82,481,62

NY2758600 ISOXAZOLE, 5-(2-(DIETHYLAMINO)ACETAMIDO)-4-(2-METHOXYETHYL)-3-METHYL-
UPDT:8408 MW: 269.39 MOLFM: C13-H23-N3-O3
SYN: 5-(2-(DIETHYLAMINO)ACETAMIDO)-4-(2-METHOXYETHYL)-3-METHYLISOXAZOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg YKKZAJ 82,481,62

NY2758700 ISOXAZOLE, 5-(2-(DIETHYLAMINO)ACETAMIDO)-3-METHYL-
UPDT:8408 MW: 211.30 MOLFM: C10-H17-N3-O2
SYN: 5-(2-(DIETHYLAMINO)ACETAMIDO)-3-METHYLISOXAZOLE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:399 mg/kg YKKZAJ 83,198,63

NY2774500 ISOXAZOLE, 5-(2-(DIMETHYLAMINO)ACETAMIDO)-4-(2-ETHOXYETHYL)-3-METHYL-
UPDT:8408 MW: 255.36 MOLFM: C12-H21-N3-O3
SYN: 5-(2-(DIMETHYLAMINO)ACETAMIDO)-4-(2-ETHOXYETHYL)-3-METHYLISOXAZOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg YKKZAJ 82,481,62

NY2774600 ISOXAZOLE, 5-(2-(DIMETHYLAMINO)ACETAMIDO)-4-(2-METHOXYETHYL)-3-METHYL-
UPDT:8408 MW: 241.33 MOLFM: C11-H19-N3-O3
SYN: 5-(2-(DIMETHYLAMINO)ACETAMIDO)-4-(2-METHOXYETHYL)-3-METHYLISOXAZOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:680 mg/kg YKKZAJ 82,481,62

NY2774700 ISOXAZOLE, 5-(2-(DIMETHYLAMINO)ACETAMIDO)-3-METHYL-
UPDT:8408 MW: 183.24 MOLFM: C8-H13-N3-O2
SYN: 5-(2-(DIMETHYLAMINO)ACETAMIDO)-3-METHYLISOXAZOLE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:1200 mg/kg YKKZAJ 83,198,63

NY2787000 ISOXAZOLE, 3,4-DIMETHYL-5-(2-(DIMETHYLAMINO)ACETAMIDO)-, PICRATE
UPDT:8412 MW: 426.39 MOLFM: C9-H15-N3-O2 C6-H3-N3-O7
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:880 mg/kg YKKZAJ 82,474,62

NY2800000 4,5-ISOXAZOLEDIONE, 3-METHYL-, 4-((o-CHLOROPHENYL)HYDRAZONE)
UPDT:8403 CAS: 5707-69-7 MW: 237.66 MOLFM: C10-H8-Cl-N3-O2
SYN: 4-(2-CHLOROPHENYLHYDRAZONE)-3-METHYL-5-ISOXAZOLONE * 4-(2-CHLOROPHENYLHYDRAZONO)-3-METHYL-5(4H)-ISOXAZOLONE * DRAZOXOLON * DRAZOXOLONE * GANOCIDE * 3-METHYL-4-((o-CHLOROPHENYL)HYDRAZONE)-4,5-ISOXAZOLEDIONE * 3-METHYL-4-(o-CHLOROPHENYLHYDRAZONO)-5-ISOXAZOLONE * 3-METHYL-4,5-ISOXAZOLEDIONE 4-((2-CHLOROPHENYL)HYDRAZONE) * MIL-COL * PP781 * SAISAN * SOPRACOL * SOPRACOL 781
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:126 mg/kg FMCHA2 -,C89,83
3A11F07J30 ipr-rat LD50:20 mg/kg FCTXAV 7,481,69
3A11F07J30 orl-mus LD50:129 mg/kg FCTXAV 7,481,69
3A11F07J30 orl-dog LDLo:20 mg/kg FCTXAV 7,481,69
3A11F07J30 orl-rbt LDLo:100 mg/kg FCTXAV 7,481,69
orl-cat LD50:50 mg/kg 31ZOAD 1,195,68
3A11F07J30 orl-gpg LDLo:13 mg/kg FCTXAV 7,481,69
3A11F07J30 orl-pgn LDLo:12 mg/kg FCTXAV 7,481,69
3A11F07J30 orl-ckn LDLo:100 mg/kg FCTXAV 7,481,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NY2932000 ISOXAZOLE, 3-HYDROXY-5-METHYL-
UPDT:8309 CAS: 10004-44-1 MW: 99.10 MOLFM: C4-H5-N-O2
SYN: F-319 * HYDROXYISOXAZOLE * 3-HYDROXY-5-METHYLISOXAZOLE * HYMEXAZOL * 3-ISOXAZOLOL, 5-METHYL- * ITACHIGARDEN * 5-METHYL-3(2H)-ISOXAZOLONE * SF-6505 * TACHIGAREN
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3112 mg/kg GUCHAZ 6,302,73
* scu-rat LD50:1884 mg/kg NYKGA7 2,165,75
* orl-mus LD50:1968 mg/kg FMCHA2 -,C227,83
* scu-mus LD50:1167 mg/kg NYKGA7 2,165,75
* ivn-mus LD50:445 mg/kg NYKGA7 2,165,75

ISOXAZOLE, 3-(1-HYDROXY-2-PIPERIDINOETHYL)-5-PHENYL-, CITRATE see: TM9850000
3-ISOXAZOLEMETHANOL, alpha-(PIPERIDINOMETHYL)-5-PHENYL-, CITRATE see: TM9850000
3-ISOXAZOLIDINE, 4-AMINO-, (R)- (9CI) see: NY2975000

NY2965000 ISOXAZOLIDINIUM, 2,2-BIS(2-CHLOROETHYL)-, CHLORIDE
UPDT:8310 MW: 234.57 MOLFM: C7-H14-Cl2-N-O Cl
SYN: 2,2-BIS(2-CHLOROETHYL)ISOXAZOLIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:7500 ug/kg CPBTAL 9,613,61

NY2970000 ISOXAZOLIDINIUM, 2,2-BIS(2-CHLOROETHYL)-, IODIDE
UPDT:8310 MW: 326.02 MOLFM: C7-H14-Cl2-N-O I
SYN: 2,2-BIS(2-CHLOROETHYL)ISOXAZOLIDINIUM IODIDE
TOXICITY DATA AND REFERENCES:
1V30 orl-rat LD50:7500 ug/kg CPBTAL 9,485,61
1V30 ipr-rat LD50:5500 ug/kg CPBTAL 8,89,60
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NY2973000 ISOXAZOLIDINIUM, 2,2-DIETHYL-, CHLORIDE
UPDT:8310 MW: 165.69 MOLFM: C7-H16-N-O Cl
SYN: 2,2-DIETHYLISOXAZOLIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:150 mg/kg CPBTAL 9,485,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NY2974900 3-ISOXAZOLIDINONE, 4-AMINO-, (+-)-
UPDT:8303 CAS: 68-39-3 MW: 102.11 MOLFM: C3-H6-N2-O2
SYN: (+-)-4-AMINO-3-ISOSSAZOLIDONE (Italian) * (+-)-4-AMINO-3-ISOXAZOLIDINONE * DL-CYCLOSERINE * (+-)-OXAMICINA (Italian) * PA-94
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:2814 mg/kg FRPSAX 13,447,58

NY2975000 3-ISOXAZOLIDINONE, 4-AMINO-, D-
UPDT:8308 CAS: 68-41-7 MW: 102.11 MOLFM: C3-H6-N2-O2
SYN: D-4-AMINO-3-ISOSSAZOLIDONE (Italian) * D-4-AMINO-3-ISOXAZOLIDINONE * D-4-AMINO-3-ISOXAZOLIDONE * CYCLOMYCIN * CICLOSERINA (Italian) * CYCLOSERINE * (+)-CYCLOSERINE * CYCLO-D-SERINE * D-CYCLOSERINE * E-733-A * FARMISERINE * I 1431 * 3-ISOXAZOLIDINE, 4-AMINO-, (R)- (9CI) * K-300 * MIROSERINA * NJ-21 * NOVOSERIN * ORIENTOMYCIN * OXAMICINA (Italian) * OXAMYCIN * D-OXAMICINA (Italian) * D-OXAMYCIN * OXYMYCIN * PA 94 * RO-1-9213 * SEROMYCIN * TISOMYCIN * WASSERINA
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5290 mg/kg 85ERAY 2,906,78
* ipr-mus LD50:180 mg/kg 85FZAT -,238,67
* scu-mus LD50:2800 mg/kg ANTCAO 6,360,56
* ivn-mus LD50:1810 mg/kg 85FZAT -,238,67
3F07F11K13 scu-dog LDLo:2000 mg/kg ANTCAO 6,708,56
3F07F19K13 scu-mky LDLo:4000 mg/kg ANTCAO 6,708,56
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

NY2976000 3-ISOXAZOLIDINONE, 4-AMINO-, (L)-
UPDT:8303 CAS: 339-72-0 MW: 102.11 MOLFM: C3-H6-N2-O2
SYN: (-)-4-AMINO-3-ISOSSAZOLIDONE (Italian) * L-4-AMINO-3-ISOXAZOLIDINONE * L-CYCLOSERINE * 3-ISOXAZOLIDINONE, 4-AMINO-, (S)- (9CI) * L-OXAMICINA (Italian)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1628 mg/kg FRPSAX 13,447,58

3-ISOXAZOLIDINONE, 4-AMINO-, (S)- (9CI) see: NY2976000

NY3200000 2H,9H-ISOXAZOLO(3,2-b)(1,3)BENZOXAZIN-9-ONE, 3,3a-DIHYDRO-7-CHLORO-2-METHYL-
UPDT:8402 CAS: 29053-27-8 MW: 238.66 MOLFM: C11-H9-Cl-N-O3
SYN: 7-CHLORO-2-METHYL-3,3a-DIHYDRO-2H,9H-ISOXAZOLO(3,2-b)(1,3)BENZOXAZIN-9-ONE * MESECLAZONE * W-2395
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1160 mg/kg TXAPA9 33,147,75
orl-mus LD50:2250 mg/kg TXAPA9 33,147,75

NY3325000 3-ISOXAZOLOL, 5-(AMINOMETHYL)-
UPDT:8406 CAS: 2763-96-4 MW: 114.12 MOLFM: C4-H6-N2-O2
SYN: AGARIN * 5-AMINOMETHYL-3-HYDROXYISOXAZOLE * 5-(AMINOMETHYL)-3-ISOXAZOLOL * 5-(AMINOMETHYL)-3(2H)-ISOXAZOLONE * 5-AMINOMETHYL-3-ISOXYZOLE * 3-HYDROXY-5-AMINOMETHYLISOXAZOLE * 3-HYDROXY-5-AMINOMETHYLISOXAZOLE-AGARIN * MUSCIMOL * RCRA WASTE NUMBER P007
TOXICITY DATA AND REFERENCES:
3F04F08K13 unk-hmn TDLo:109 ug/kg ARZNAD 18,311,68
orl-rat LD50:45 mg/kg ARZNAD 18,311,68
ivn-rat LD50:4500 ug/kg ARZNAD 18,311,68
* orl-mus LD50:17 mg/kg JMCMAR 23,702,80
ipr-mus LD50:2500 ug/kg ARZNAD 18,311,68
scu-mus LD50:3800 ug/kg ARZNAD 18,311,68
ivn-mus LD50:5620 ug/kg CSLNX* NX#11824
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3-ISOXAZOLOL, 5-METHYL- see: NY2932000
ISOXSUPRINE see: DO8050000
ISOXSUPRINE HYDROCHLORIDE see: DO8225000
ISOXSUPRIN HYDROCHLORIDE see: DO8225000
ISOYOHIMBINE see: ZG1005000
alpha-ISOYOHIMBINE see: ZG1005000
ISOZIDE see: NS1750000
ISOZYD see: NS1750000
ISPENORAL see: XH9275000
ISPHAMYCIN see: QI7800000
ISRAVIN see: AR9660000
ISTIN see: CB6650000
ISTIZIN see: CB6650000
ISTONIL see: AR9275000
ISUPREL see: DO1750000
ISUPREL see: DO1925000
ISUPREL HYDROCHLORIDE see: DO1925000
ISUPREN see: DO1750000
ISZILIN see: NM8894000
IT-19 see: GU6825000
IT 40 see: WL6475000
IT 931 see: QL0700000
IT 3456 see: LL6070000
ITA-104 see: TX1410000
ITA 312 see: YS4726500
ITACHIGARDEN see: NY2932000
ITALCHIN see: AR7875000
ITAMID see: TQ9800000
ITAMID 250 see: TQ9800000
ITAMIDE 25 see: TQ9800000
ITAMIDE 35 see: TQ9800000
ITAMIDE 250 see: TQ9800000
ITAMIDE 350 see: TQ9800000
ITAMIDE 250G see: TQ9800000
ITAMIDE S see: TQ9800000
ITAMIDONE see: CD2625000
ITAMYCIN see: DJ6350000
ITF 182 see: VO3990000
ITG see: UO7505000
ITINEROL see: TL1970000
ITIOCIDE see: NS0350000
JANGLI PALAK EXTRACT (Indian) see: VM1695000
ITOPAZ see: TE4550000
ITPG see: MB7634000
ITROP see: YM3700000
ITRUMIL SODIUM see: YR0600000
ITRUMIL SODIUM SALT see: YR0600000
ITURAN see: MU2800000
IUDR see: YU7700000
5IUDR see: YU7700000
IUGLON see: QJ5775000
IVALON see: TR8100000
IVALON see: LP8925000
IVAUGAN see: DK9100000
IVE see: KO1300000
IVERMECTIN (9CI) see: IH7891500
IVERSAL see: MF5550000
IVERTOL see: MF5550000
IVIRON see: NO7700000
IVORAN see: KJ3325000
IVORIT see: WI4100000

NY5615000 IVORY
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:2330 mg/kg NATWAY 42,75,55
2V03V10 imp-mus TDLo:10 gm/kg NATWAY 42,75,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

IVOSIT see: AF7140000
IXODEX see: KJ3325000

NY5637000 IXORA ARBOREA Roxb. ex. Sm., extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: IXORA PARVIFLORA Vahl, extract excluding roots
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:1 gm/kg IJEBA6 15,208,77

NY5638000 IXORA BRACHIATA Roxb., extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: NEORI EXTRACT
TOXICITY DATA AND REFERENCES:
3H30J30M10 ipr-mus LD50:150 mg/kg IJEBA6 12,512,74

NY5638200 IXORA COCCINEA Linn., extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2F07U26 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

NY5638500 IXORA NIGRICANS R.Br. ex Wt. & Arn., extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

IXORA PARVIFLORA Vahl, extract excluding roots see: NY5637000 IXORA ARBOREA Roxb ex. Sm.,extract excluding roots

NY5639500 IXORA UNDULATA Roxb., extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2M10V30 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80
IXOTEN see: RP5880000
IXPER 25M see: OM4100000
IZ 914 see: UI1555000
IZADRIN see: DO1925000
IZOACRIDINA see: AR7300000
IZOFORON (Polish) see: GW7700000
IZOPROPYLOWY ETER (Polish) see: TZ5425000
IZOPTIN see: YV8320000
IZOPTIN HYDROCHLORIDE see: YV8320000
J-38 see: TE1050000
J 242 see: BD1600000
J 400 see: UD1842000
J 700 see: UD1842000
JA-20 see: CB9459540
JACK WILSON CHLORO 51 (oil) see: FD8050000
NY5760000 JACOBINA COCCINEA, stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg CPBTAL 13,882,65
NY5775000 JACOBINE
UPDT:8209 CAS: 6870-67-3 MW: 351.44 MOLFM: C18-H25-N-O6
SYN: 15,20-EPOXY-15,20-DIHYDRO-12-HYDROXYSENECIONAN-11,16-DIONE * NSC 89936
MUTATION DATA AND REFERENCES:
sln-dmg-par 20 umol/L ZEVBA5 91,74,60
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:77 mg/kg JPETAB 75,69,42
unk-rat LD50:60 mg/kg CNREA8 28,2237,68
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTRRDO 60,1171,76
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 10,275,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
JACOBINE HYDROCHLORIDE see: VT5708000
JACODINE HYDROCHLORIDE see: VT5978020
JACONINE see: VT5704000
JACONINE HYDROCHLORIDE see: VT5704100
JACUTIN see: GV4900000
JADO see: FF5250100
JA-FA IPP see: RT4900000
JAFARA, extract excluding roots (Indian) see: EC2480000 BIXA ORELLANA Linn., extractexcluding roots
JAFFNA TOBACCO see: DS8158000
JAGUAR see: MG0185000
JAGUAR 6000 see: MG0185000
JAGUAR A 20 B see: MG0185000
JAGUAR A 20D see: MG0185000
JAGUAR A 40F see: MG0185000
JAGUAR GUM A-20-D see: MG0185000
JAGUAR No.124 see: MG0185000
JAGUAR PLUS see: MG0185000
JAHARTURAI FRUIT EXTRACT (Indian) see: OK4471600
JAHRILA LINGURA EXTRACT (Indian) see: RL0945000
JAIKIN see: VZ2275000
JAIT EXTRACT (Indian) see: VU3990000
JALAN see: CM2625000
JALKUMBHI EXTRACT (Indian) see: JX3680000
JALOVIS see: MT7260000
NY5990000 JAMBOS FORMOSA Wall., extract excluding roots
DEF:Indian plant belonging to the family MYRTACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: AMBOKE EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:46 mg/kg IJEBA6 11,43,73
JAM EXTRACT (Indian) see: LE3480000
J 1076 (AMINE) HYDROCHLORIDE see: YE0620000
JAMNA EXTRACT (Indian) see: UL3560000
JAMROOL EXTRACT (Indian) see: LE3470000
JAMUN, extract (Indian) see: WV8829100 SYZYGIUM CUMINI (Linn.) Skeels, extract excludingroots
JANGAL-JILEBI STEM BARK EXTRACT (Indian) see: TO7120000
JANGLIBER EXTRACT (Indian) see: ZI0466530
JANGLI CHAULAI EXTRACT (Indian) see: BD7142000
JANGLIKARONDA EXTRACT (Indian) see: FH8760100
JANGLI TAMBACOO EXTRACT (Indian) see: QS2920000
JANIMINE see: HO1925000
JANTARIKANTA, extract (Indian) see: HB3162200 DALBERGIA SPINOSA Roxb., extract excludingroots
JANUPAP see: AE4200000
JAPAN AGAR see: AW7950000
JAPAN CAMPHOR see: EX1225000
JAPANESE CAMPHOR see: EX1260000
JAPANESE CAMPHOR OIL see: EX1490000
JAPANESE MINT OIL see: GM4440000
JAPANESE, OIL of CAMPHOR see: EX1490000
JAPAN ISINGLASS see: AW7950000
JAPANOL BRILLIANT BLUE 6BKX see: QJ6430000
JAPANOL VIOLET J see: QK1420000
JARAUPRIYA, extract (Indian) see: KE9436000 ERIGERON CANADENSIS Linn., extract
JASAD see: ZG8600000
JASMINALDEHYDE see: GD6825000
JASMINE TEA LEAF EXTRACT see: WX6482000
NY6475400 JASMINUM DISPERMUM Wall., extract excluding roots
DEF:Indian plant belonging to the family OLEACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:1 gm/kg IJEBA6 18,594,80
NY6475500 JASMINUM HUMILE Linn., extract excluding roots
DEF:Indian plant belonging to the family OLEACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: CHAMBA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg IJEBA6 9,91,71
NY6475550 JASMINUM ROTTLERIANUM Wall. ex. DC., extract excluding roots
DEF:Indian plant belonging to the family OLEACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: VANMALLIGE, extract
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 15,208,77
NY6475600 JASMINUM UNDULATUM Ker., extract excluding roots
DEF:Indian plant belonging to the family OLEACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:35 mg/kg IJEBA6 12,512,74
JASMOLIN I or II see: UR4200000
JASMONE see: GY7301000
cis-JASMONE see: GY7301000
(Z)-JASMONE see: GY7301000
JASMONYL see: RA6475800
JATAMANSONE SEMICARBAZONE see: QK5100000 1(2H)-NAPHTHALENONE, OCTAHYDRO-7-beta-ISOPROPYL-4aalpha,8a-alpha-DIMETHYL-, SEMICARBAZONE, (-)-
JATRONEURAL see: SP1500000
JATRONEURAL see: SP1750000
NY6572000 JATROPHA CURCAS Linn., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77
NY6573000 JATROPHA CURCUS, fruit or seeds
DEF:A tree belonging to the family EUPHORBIACEAE (PLMEAA 11,98,63)
UPDT:8405
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:41250 mg/kg (25D pre) PLMEAA 11,98,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
NY6575000 JATROPHA GLANDULIFERA Roxb., extract
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: LAL-BHERENDA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 9,91,71
NY6576000 JATROPHA GOSSYPIFOLIA Linn., extract
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69
NY6577000 JATROPHA GOSSYPIFOLIA Linn., stem bark extract
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:681 mg/kg IJEBA6 18,594,80
JATROPUR see: UO3470000
JAUNE AB see: QM4725000
JAUNE de BEURRE (French) see: BX7350000
JAUNE OB see: QM5400000
JAUNE ORANGE S see: QK2450000
JAUNE SOLEIL see: QK2450000
JAVA AMARANTH see: QJ6550000
JAVA CHROME BLUE BLACK BN see: QK2195000
JAVA CHROME YELLOW 3R see: VO5310000
JAVA METANIL YELLOW G see: DB7329500
JAVA NAPHTOL RED G see: QJ6030000
JAVA ORANGE 2G see: QJ6500000
JAVA ORANGE I see: DB7085000
JAVA ORANGE II see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
JAVA PONCEAU 2R see: QJ6825000
JAVA RUBINE N see: QK1925000
JAVA SCARLET 3R see: QJ6530000
JAVA UNICHROME YELLOW 3R see: VO5310000
JAYANA ROOT EXTRACT see: GH1186200
JAYANTI FLOWER EXTRACT (Indian) see: VU3989000
JAYFLEX DTDP see: TI1950000
JAYSOL S see: KQ6300000
JB-251 see: UL1225000
JB 340 see: TN5950000
JB 373 see: TN4860000
JB 410 see: TN5102000
JB 516 see: MV7350000
JB 516 see: MV7400000
JB 8181 see: HO0525000
177 J.D. see: MO6300000
NY8186000 JECTOFER
UPDT:8305 CAS: 62765-90-6
SYN: IRON-SORBITOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 ims-rat TDLo:200 mg(Fe)/kg (12-15D preg) SJHSBD 32,69,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
JEERA FRUIT EXTRACT (Indian) see: GS1340000
JEFFERSOL DB see: KJ9100000
JEFFERSOL EB see: KJ8575000
JEFFERSOL EE see: KK8050000
JEFFERSOL EM see: KL5775000
JEFFOX see: TQ3500000
JEFFOX see: TR5250000
JEKRILON, combustion products see: AT6975000
JELLIN see: TU3830000
JENACAIN see: DG2100000
JENACAINE see: DG2100000
JENACAIN see: DG2275000
JEN-DIRIL see: DK9100000
JEQUIRITY see: AA5393000
JERUSALEM OAK see: VN3020000
JERVINE see: WG9700000
NY9062000 JERVINE, 3-beta-(D-GLUCOPYRANOSYLOXY)-
UPDT:8403 CAS: 36069-05-3 MW: 587.83 MOLFM: C33-H49-N-O8
SYN: O-beta-D-GLUCOPYRANOSYLJERVINE * JERVIN-3-GLUCOSIDE * PSEUDOJERVIN * PSEUDOJERVINE * VERATRAMAN-11-ONE, 17,23-EPOXY-3-(beta-D-GLUCOPYRANOSYLOXY)-, (3-beta,23-beta)-(9CI)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:50 mg/kg 85GDA2 8(2),221,82
JERVIN-3-GLUCOSIDE see: NY9062000
JESTRYL see: GA0875000
JESUIT'S BALSAM see: CP2350000
JETRIUM TARTRATE see: UY1430000
JEWELER'S ROUGE see: NO7400000

J 2fp see: MG0185000
JGD 1800 see: UD1842000
JHAU ROOT EXTRACT (Indian) see: WW3851000
JHUNJHUN EXTRACT (Indian) see: GP9031500
JHUNJHUNIA EXTRACT (Indian) see: GP9031600
JIFFY GROW see: NL5250000
JILKON HYDROBROMIDE see: DF8075000
JIRA, seed extract (Indian) see: GS1350000 CUMINUM CYMINUM, seed extract
JIRAM EXTRACT (Indian) see: LY9600000
JISC 3108 see: BD0330000
JISC 3110 see: BD0330000
JL 130 see: GU6555200
JL 1078 see: DT7361000
J-LIBERTY see: DE9450000
JM-28 see: TP2230500 PLATINUM(IV), BIS(ISOPROPYLAMMINE)-cis-DICHLORO-trans-DIHYDROXY-
JMD 4500 see: UD1842000
JOD (German, Polish) see: NN1575000
JODAIROL see: MR8162000
JODAMID (German) see: DG0895000
JODDEOXIURIDIN see: YU7700000
JODFENPHOS see: TF0175000
o-JODHIPPURSAEURE NATRIUM (German) see: MR8162000
JODID SODNY see: WB6475000
JOD-METHAN (German) see: PA9450000
JODOBIL see: MW5150000
JODOMIRON see: DG0895000
JODOPAX see: DG0888000
5-JOD-2-PYRIDOXYL-N-ESSIGSAEURE NATRIUM (German) see: UR8960000
4-JODTHYMOL (German) see: XP2670000

NY9262000 JOGEN
DEF:A solution of freeze-dried powder extracted from a culture medium of LENTINUS EDODES(OYYAA2 23,661,82)
UPDT:8305
SYN: CORTINELLUS SHIITAKE EXTRACT (Japanese)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:15300 mg/kg OYYAA2 23,661,82
* orl-mus LD50:16700 mg/kg OYYAA2 23,661,82
* ipr-mus LD50:3400 mg/kg OYYAA2 23,661,82
* scu-mus LD50:4300 mg/kg OYYAA2 23,661,82
* ivn-mus LD50:1600 mg/kg OYYAA2 23,661,82

JOHNKOLOR see: DH9275000
JOLT see: TE4025000
JONNIX see: FD1190000
JON-TROL see: PA2275000
JOOD (Dutch) see: NN1575000
JOODMETHAAN (Dutch) see: PA9450000
JOPAGNOST see: MW5075000
JORAL EXTRACT (Indian) see: MT0565000
JORCHEM 400 ML see: TQ3500000
JORTAINE see: DS5900000
JOSCINE see: YM3500000
JOTHION see: UB1950000
JOY POWDER see: QC8050000
JP-10 see: PB9600000
JP 61 see: AU4717000
JP 428 HYDROCHLORIDE see: RO0375000
JRPFA4 28,87,72 (TER-neg) see: KJ3325000
JRS-ABS see: AT6970000
J SOFT C 4 see: BO7000000
JSR-ABS 100 see: AT6970000
J-SUL see: WO9100000
JUBENON R see: BD1200000
JUDEAN PITCH see: CI9900000
JUDOLOR see: LQ0750000
JUGLANE see: QJ5775000

NY9500000 JUGLANS REGIA Linn., leaf extract
DEF:Indian plant belonging to the family JUGLANDACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: AKHROTE LEAF EXTRACT
TOXICITY DATA AND REFERENCES:
2J30U26 ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

NY9501000 JUGLANS REGIA Linn., stem bark extract
DEF:Indian plant belonging to the family JUGLANDACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: AKHROT STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:75 mg/kg IJEBA6 7,250,69

JUGLON see: QJ5775000
JUGLONE see: QJ5775000
JULICHROME Q(sub 1.3) see: DT3740000
JULIMYCIN C see: DT3740000
JULIN'S CARBON CHLORIDE see: DA2975000
JULODIN see: XZ5473500
JUMBLE BEAD see: AA5250000
JUMEX see: DA0292500

NY9868000 JUNCUS INFLEXUS Linn., extract
DEF:Indian plant belonging to the family JUNCACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

NY9869000 JUNCUS MONTICOLA Steud., extract
DEF:Indian plant belonging to the family JUNCACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

NY9870000 JUNIPER BERRY OIL
UPDT:8305 CAS: 8012-91-7
SYN: OIL of JUNIPER BERRY * WACHOLDERBEER OEL (German)
IRRITATION DATA AND REFERENCES:
skn-hmn 100% FCTXAV 14,333,76
skn-rbt 500 mg/24H MOD FCTXAV 14,333,76
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6280 mg/kg PHARAT 14,435,59
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

JUNIPERIC ACID LACTONE see: RN9730000

NY9872000 JUNIPER TAR
UPDT:8305 CAS: 8013-10-3
SYN: CADE OIL RACTIFIED
TOXICITY DATA AND REFERENCES:
2F07K05 orl-rat LD50:8014 mg/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NY9872500 JUNIPERUS SQUAMATA Ham. ex Lambart, extract excluding roots
DEF:Indian plant belonging to the family PINACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

JUNLON 110 see: AT4680000

NY9873300 JUNUS GREEN
UPDT:8406
MUTATION DATA AND REFERENCES:
mma-sat 400 ug/plate TRENAF 27,153,76
mma-sat 400 ug/plate TRENAF 27,153,76
dnr-bcs 2 mg/disc TRENAF 27,153,76

JURIDIN see: VO0780000
JURIMER AC 10H see: AT4680000
JURIMER AC 10P see: AT4680000
JUSONIN see: VZ0950000

NY9885000 JUSSIAEA SUFFRUTICOSA Linn., extract
DEF:Indian plant belonging to the family ONAGRACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: KATCA-KAIRANBU EXTRACT
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

JUSTAMIL see: WO9150000
JUSTECAINA see: AE2075000

NY9898000 JUSTICIA BETONICA Linn., extract
DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

JUSTON-WIRKSTOFF see: RQ2975000
JUTTUPAL EXTRACT (Indian) see: SD4051000
JUVAMYCETIN see: AB6825000
JUVELA see: GP8588000
JUVENIMICIN A3 see: JG68000000
JUVOCAINE see: DG2275000
JZF see: ST2275000
K III see: GO9625000
K IV see: GO9625000
K 0 see: YU1610000
K2(sub 20) see: QL9279500
K5 see: DJ3080000
K-9 see: DF4375000
K15 see: TR8370000
K 17 see: TI4375000
K 17 see: YU1610000
K25 see: TR8370000
K25 (polymer) see: TR8370000
K-27 see: CB9459540
K30 see: TR8370000
K30 (polymer) see: TR8370000
K 31 see: QT2065000
K 31 (pharmaceutical) see: QT2065000
K 37 see: TB0185000
K-38 see: YS7800000
K 41 see: TB0200000
K 41 see: CB9459550
K 43 see: TB1070000
17-beta-HYDROXY-2-alpha-(HYDROXYMETHYL)ANDROSTAN-3-ONE see: BV8058700
K 52 see: RG2275000
K60 see: TR8370000
K60 (polymer) see: TR8370000
K-82 (Russian) see: EV3181000
K-83 (Russian) see: EV3182000
K90 see: TR8370000
K115 see: TR8370000
K115 (polyamide) see: TR8370000
K-315 see: GV8940000
K 257 see: FF5250100
K-300 see: NY2975000
K 300 see: UD1842000
301K see: AT6970000
K315 see: ZG1227000
K-358 see: CB9459650
K-358 see: QT6830000
K-373 see: DF2368000
K385 see: YU1610000
K 386 see: YS7800000
K 525 see: WL6475000
K-708 see: NL3521400
K 1875 see: PA3890000
K 1900 see: QE7400000
K 2680 see: TI5695400
K3917 see: DF1225000
K 4277 see: MU6645000
K 6451 see: DB5250000
K 8870 see: YU1610000
K 9147 see: FD3920000
K-10033 see: UA8400000
K 12479 see: QL6160000
K 22023 see: TB5075000
K 411-02 see: YU1610000
K62-105 see: TB1720000
KA 101 see: BD1200000
KAAT see: XJ1790000
KABI 1774 see: GZ4390000
KABIKINASE see: OB8880000
KABIPENIN see: XH9450000
KADAM EXTRACT (Indian) see: PZ4900000
KADMIUM (German) see: EU9800000
KADMIUMCHLORID (German) see: EV0175000
KADMIUMSTEARAT (German) see: RG1050000
KADMU TLENEK (Polish) see: EV1925000
KADOL see: UQ8225000
KADOX-25 see: ZH4810000
KAEMPFERITRIN see: DJ2977500
KAEMPFEROL see: LK9275200
KAEMPFEROL 3,7-BISMANNOSIDE see: DJ2977500

KAEMPFEROL 3,7-DIRHAMNOSIDE see: DJ2977500
KAEMPFEROL-3-beta-GLUCOPYRANOSIDE see: DJ3080000
KAEMPFEROL-3-GLUCOSIDE see: DJ3080000
KAEMPFEROL-3-D-GLUCOSIDE see: DJ3080000
KAEMPFEROL-3-beta-MONOGLUCOSIDE see: DJ3080000
KAEMPHEROL see: LK9275200
KAERGONA see: QL9100000
KAFA see: AM4375000
KAFAR COPPER see: GL5325000
KAFIL SUPER see: GZ1250000
KAFOCIN see: XI0345000
KAGAO EXTRACT (Indian) see: ZB2005000

NZ1585500 KAGELIA PINNATA DC., extract excluding roots
DEF:Indian plant belonging to the family BIGNONIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES.
1M10 ipr-rat LD50:1 gm/kg IJEBA6 1o,228,78

KAGHAZINIMBU, extract (Indian) see: GE8814000 CITRUS AURANTIFOLIA (Chr.) Swingle, extractexcluding roots
KAIR EXTRACT (Indian) see: EX8715000
KAISER CHEMICALS 11 see: KJ4000000
KAISER CHEMICALS 12 see: PA8200000
KAKATUNDI EXTRACT (Indian) see: CI7400000
KAKDUMUR EXTRACT (Indian) see: LK4050000
KAKEN see: MA4375000
KAKERA EXTRACT (Indian) see: MG1593500
KAKERBIN see: RV9323000
KAKEYI EXTRACT (Indian) see: RL0946000
KAKHASH EXTRACT (Indian) see: UO3530000
KAKO BLUE B SALT see: DD0875000
KAKO RED TR BASE see: XU5000000
KAKO TARTRAZINE see: UQ6400000
KALADHAWARA, extract (Indian) see: CA1620000 ANOGEISSUS PENDULA Edgew., extract excludingroots
KALAJHAR EXTRACT (Indian) see: UL3550000
KALA, LEAF EXTRACT (Indian) see: QG3157000
KALAMEG (Indian) see: EX6653000

NZ1900000 KALANCHOE INTEGRA (Medic.) Kuntze, extract
DEF:Indian plant belonging to the family CRASSULACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: MOTE-PAT EXTRACT
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LD50:750 mg/kg IJEBA6 9,91,71

KALAPISA EXTRACT (Indian) see: UO2629000
KALAPONG EXTRACT (Indian) see: LK3790000
KALCIUM SALZE der o-(3,3-DIMETHYL-1-TRIAZENO)BENZOESAEURE (German) see: DG9131000
KALCIUM SALZE der p-(3,3-DIMETHYL-1-TRIAZENO)BENZOESAEURE (German) see: DG9133000
KALEX see: AH5075000
KALGAN see: MV8750000
KALITABS see: TS8050000
KALINITE see: WS5690000
KALI-SIRIS, stem bark extract (Indian) see: AY8932250 ALBIZZIA ODORATISSIMA Benth., stembark extract
KALIUMARSENIT (German) see: CG3800000
KALIUM-BETA see: LZ5230000
KALIUMCARBONAT (German) see: TS7750000
KALIUMCHLORAAT (Dutch) see: FO0350000
KALIUMCHLORAT (German) see: FO0350000
KALIUMCYANAT (German) see: GS6825000
KALIUMDICHROMAT (German) see: HX7680000
KALIUMHYDROXID (German) see: TT2100000
KALIUMHYDROXYDE (Dutch) see: TT2100000
KALIUMNITRAT (German) see: TT3700000
KALIUMPERMANGANAAT (Dutch) see: SD6475000
KALIUMPERMANGANAT (German) see: SD6475000
KALLAVI, extract (Indian) see: LZ3880000 GLORIOSA SUPERBA Linn., extract
KALLIDIN see: EE1530000
KALLIKREIN-TRYPSIN INACTIVATOR see: YN5080000
KALLOCRYL K see: TR0400000
KALLODENT 222 see: TR0400000
KALLODENT CLEAR see: TR0400000

NZ2017220 KALLSTROEMIA MAXIMA Terr. et Gr., leaf and stem extract
DEF:Jamaican plant belonging to the family ZYGOPHYLLACEAE (JPPMAB 16,115,64)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:40 gm/kg JPPMAB 16,115,64

KALMETTUMSOMNIFERUM see: FM9450000
KALMIN see: AM4375000
KALMOCAPS see: DE9450000
KALMOCAPS see: DE9275000
KALMUS OEL (German) see: RI7000000
KALO see: CG0830000
KALODIL see: AG6475000
KALOMEL (German) see: OV8750000
KALZIUMARSENIAT (German) see: CG0830000
KALZIUMZYKLAMATE (German) see: GV7100000
KAM 1000 see: WI2800000
KAM 2000 see: WI2800000
KAM 3000 see: WI2800000
KAMALA EXTRACT see: ON8262200
KAMALIN see: AM6913800
KAMAVER see: AB6825000
KAMBAMINE RED TR see: XU5000000
KAMBILA EXTRACT (Indian) see: ON8262200
KAMBUMALINEE (Indian) see: EX6653000
KAMFOCHLOR see: XW5250000
KAMILA EXTRACT (Indian) see: ON8262200
KAMILLENOEL (German) see: CO4780000
KAMPFER (German) see: EX1225000
KAMPHEROL see: LK9275200
KAMPOSAN see: SZ7100000
KAMPSTOFF 'LOST' see: WQ0900000
KAMYCIN see: NZ3225030
KAMYNEX see: NZ3225030
KANABRISTOL see: NZ3225030
KANACEDIN see: NZ3225030
KANAI EXTRACT (Indian) see: MG1593000
KANAMICINA (Italian) see: WK1962000
KANAMYCIN see: WK1962000
KANAMYCIN A see: WK1962000
KANAMYCIN A SULFATE see: NZ3225030
KANAMYCIN MONOSULFATE see: NZ3225030
KANAMYCIN SULFATE see: NZ3225030

NZ3225030 KANAMYCIN, SULFATE (1:1) (salt)
UPDT:8405 CAS: 25389-94-0 MW: 582.66 MOLFM: C18-H36-N4-O11 H2-O4-S
SYN: CANTREX * CRISTALOMICINA * KAMYCIN * KAMYNEX * KANABRISTOL * KANACEDIN * KANAMYCIN A SULFATE * KANAMYCIN MONOSULFATE * KANAMYCIN SULFATE * KANAMYTREX * KANAQUA * KANASIG * KANATROL * KANESCIN * KANICIN * KANNASYN * KANO * KANTREX * KANTREXIL * KANTROX * KLEBCIL * OPHTALMOKALIXAN * OTOKALIXIN * RESISTOMYCIN (BAYER)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T35T46 scu-rat TDLo:980 mg/kg (8-14D preg) JJANAX 28,372,75
2T34T46 scu-mus TDLo:980 mg/kg (7-13D preg) JJANAX 28,372,75
1T42 ims-gpg TDLo:3200 mg/kg (55-62D preg) AORLCG 238,45,83
TOXICITY DATA AND REFERENCES:
1D40 ims-chd TDLo:390 mg/kg JOPDAB 60,230,62
ipr-rat LD50:3200 mg/kg JJANAX 28,415,75
ivn-rat LD50:225 mg/kg JJANAX 28,415,75
* orl-mus LD50:17500 mg/kg NIIRDN 6,173,82
* ipr-mus LD50:1648 mg/kg 85ERAY 1,690,78
* scu-mus LD50:1648 mg/kg 85ERAY 1,690,78
* ivn-mus LD50:240 mg/kg NIIRDN 6,173,82
* ims-mus LD50:1190 mg/kg NIIRDN 6,173,82
ivn-rbt LD50:550 mg/kg JJANAX 28,415,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PMMDAE 16(1-2),9,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KANAMYTREX see: WK1962000
KANAMYTREX see: NZ3225030
KANAQUA see: NZ3225030
KANASE EXTRACT (Indian) see: XP1150000
KANASIG see: NZ3225030
KANATROL see: NZ3225030
KANDISET see: DE4200000
KANDLU EXTRACT (Indian) see: GF8095000
KANEACE PA 20 see: TR0400000
KANEACE S 10 see: AT6970000
KANEACE SE 60 see: AT6970000
KANECARON see: QA2820000
KANECHLOR see: TQ1350000
KANECHLOR 300 see: TQ1372000
KANECHLOR 400 see: TQ1374000
KANECHLOR 500 see: TQ1376000
KANECHLOR 500 see: WZ6500000
KANECHLOR C see: WZ6500000
KANEKALON see: AT6976000
KANEKALON see: QA2820000
KANEPAR see: AJ8750000
KANESCIN see: NZ3225030
KANEVINYL PSH 10 see: KV0350000
KANEVINYL PSL 81 see: KV0350000
KANEVINYL S 1001 see: KV0350000
KANEVINYL S 1007 see: KV0350000
KANGHI EXTRACT (Indian) see: AA6137000
KANICIN see: NZ3225030
KANJI EXTRACT (Indian) see: VI0580000
KANKALAGALA, extract (Indian) see: MS7175500 HOLIGARNA GRAHAMII Hook. f., extract excludingroots
KANLU EXTRACT (Indian) see: AB1492000
KANNASYN see: NZ3225030
KANO see: NZ3225030
KANONE see: QL9100000
KANSAI DIRECT FAST YELLOW A see: GD0197800
KANTASURA RHIZOME EXTRACT (Indian) see: OE8350000
KAN-TO-KA (Japanese) see: GJ9880000
KANTREX see: WK1962000
KANTREX see: NZ3225030
KANTREXIL see: NZ3225030
KANTROX see: NZ3225030
KANZO (Japanese) see: MD2007000
KAOCHLOR see: TS8050000
KAOLIN see: GF1670500
KAON-Cl see: TS8050000
KAON-Cl 10 see: TS8050000
KAON-Cl TABS see: TS8050000
KAON ELIXIR see: LZ5230000
KAOPAOUS see: GF1670500
KAOPHILLS-2 see: GF1670500
KAOPOLITE see: BD1450000
KAOXIDIN MONOHYDRATE see: WM4770000
KAPILA EXTRACT (Indian) see: ON8262200
KAPPAXIN see: QL9100000
e-KAPROLAKTAM (Czech) see: CM3675000
KAPROLIT see: TQ9800000
KAPROLIT B see: TQ9800000
KAPROLON see: TQ9800000
KAPROLON B see: TQ9800000
KAPROMIN see: TQ9800000
KAPRON see: TQ9800000
KAPRON see: RF5250000
KAPRON A see: TQ9800000
KAPRONAN DI-n-BUTYLCINICITY (Czech) see: WH6718000
KAPRONAN DICYKLOHEXYLAMINU (Czech) see: HY4375000
KAPRON B see: TQ9800000
KAPRYLAN DI-n-BUTYLCINICITY (Czech) see: WH6733100
KAPTAN see: GW5075000
KARA-GIDA EXTRACT (Indian) see: EX7155000
KARAITA, extract (Indian) see: YX7495000 VERBENA OFFICINALIS Linn., extract
KARAMATE see: ZB3200000
KARANJA EXTRACT (Indian) see: FH8760000
KARANTA EXTRACT (Indian) see: AA7680400
KARANTA ROOT and STEM EXTRACT (Indian) see: GQ9460000
KARANTA STEM and ROOT EXTRACT (Indian) see: GQ9460000
KARATHANE see: GQ5775000
KARATHANE WD see: GQ5775000
KARATHENE see: GQ5775000
KARBAM BLACK see: NO8750000
KARBAMOL see: YU1610000

KARBAMOL B/M see: YU1610000
KARBAM WHITE see: ZH0525000
KARBARYL (Polish) see: FC5950000
KARBASPRAY see: FC5950000
KARBATION see: FC2100000
KARBATOX see: FC5950000
KARBOFOS see: WM8400000
KARBOKROMEN (Russian) see: AG9500000
5-KARBOKSIMETIL-3-p-TOLIL-TIAZOLIDIN-2,4-DION-2-ACETOFENONHIDRAZON (Czech) see: XJ5131640
KARBORAFIN see: FL7242500
KARBOSEP see: FC5950000
1-(3'-KARBOXYLAMIDOFENYL)-3,3-DIMETHYLTRIAZENU (Czech) see: CV4751900
1-(4'-KARBOXYLAMIDOFENYL)-3,3-DIMETHYLTRIAZENU (Czech) see: CV4751920
1-(3'-KARBOXYLAMIDOPHENYL)-3,3-DIMETHYLTRIAZEN (German) see: CV4751900
1-(4'-KARBOXYLAMIDOPHENYL)-3,3-DIMETHYLTRIAZEN (German) see: CV4751920
N-(p-KARBOXYPHENYL)-SYDNON (German) see: WU7675400
KARBROMAL see: YS2975000
KARBUTILATE see: EY9980000
KARDIAMID see: QS4375000
KARDIAZOL see: XF8225000
KARDONYL see: QS4375000
KAREON see: QL9100000
KARIDIUM see: WB0350000
KARI EXTRACT (Indian) see: KF1290000
KARIGEL see: WB0350000
KARI-RINSE see: WB0350000
KARLAN see: TG0525000
KARMESIN see: QK1925000
KARMEX see: YS8925000
KARMEY DIURON HERBICIDE see: YS8925000
KARMEX DW see: YS8925000
KARMEX MONURON HERBICIDE see: YS6300000
KARMEX W. MONURON HERBICIDE see: YS6300000

NZ7200000 KARMINOMYCIN
UPDT:8412 CAS: 39472-31-6
SYN: CARMINOMYCIN * O-DEMETHYLDAUNOMYCIN * FIGAROIC ACID

MUTATION DATA AND REFERENCES:

	dnd-omi 5 umol/L	CNREA8 40,387,80
	dnd-sal:spr 5 umol/L	CNREA8 40,387,80
	dnd-rat:lvr 14700 nmol/L	MOPMA3 14,290,78
	dni-rat:lvr 10 umol/L	CNREA8 40,387,80
	oms-rat:lvr 4870 pmol/L	CNREA8 40,387,80
	dnd-mus-ivn 3500 ug/kg	ANTBAL 25,764,80
	dnd-mam:lym 3 umol/L	CNREA8 40,387,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T34	ipr-mus TDLo:300 ug/kg (7D preg)	RCOCB8 28,497,80
1T41	ipr-mus TDLo:400 ug/kg (7D preg)	RCOCB8 28,497,80
1T35	ipr-mus TDLo:400 ug/kg (9D preg)	RCOCB8 28,497,80
1T34	scu-mus TDLo:500 ug/kg (7D preg)	RCOCB8 28,497,80
2T25T43	scu-mus TDLo:1 mg/kg (8D preg)	RCOCB8 28,497,80
1T35	scu-mus TDLo:2 mg/kg (8D preg)	RCOCB8 28,497,80

TOXICITY DATA AND REFERENCES:

3F14K13P14	ivn-hmn TDLo:12 mg/kg/5D	CTRRDO 61,1705,77
3F08H17K13	ivn-man TDLo:1071 ug/kg/17D	VOONAW 25(2),63,79
3L03L14N30	ipr-rat LD50:1550 ug/kg	ANTBAL 24,218,79
	ivn-rat LD50:1600 ug/kg	ANTBAL 23,1005,78
	orl-mus LD50:7300 ug/kg	CTRRDO 61,1705,77
	ipr-mus LD50:1100 ug/kg	ANTBAL 20,897,75
	scu-mus LD50:2500 ug/kg	ANTBAL 21,1030,76
	ivn-mus LD50:3200 ug/kg	ANTBAL 23,1005,78
	orl-dog LD50:2700 ug/kg	CTRRDO 63,899,79
	ivn-dog LDLo:600 ug/kg	CTRRDO 63,899,79
3F15K12K13	orl-mky LD50:288 mg/kg	DCTODJ 4,383,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KARMINOMYCIN, N-ACETYL- see: QI9291500
KARMINOMYCIN, N-L-ALANYL- see: QI9293170

NZ7201500 KARMINOMYCIN, DIHYDRO-
UPDT:8308 MW: 515.56 MOLFM: C26-H29-N-O10
SYN: DIHYDROCARMINOMYCIN * DIHYDROKARMINOMYCIN * RP-32999

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:400 ug/kg	85GDA2 3,131,80
1V30	ivn-mus LD50:3600 ug/kg	ANTBAL 21,1008,76

KARMINOMYCIN, N-L-LEUCYL- see: QI9293050

NZ7205500 KARMINOMYCIN-11-METHYL ETHER
UPDT:8309 MW: 527.57 MOLFM: C27-H29-N-O10
SYN: CARMINOMYCIN-11-METHYL ETHER

MUTATION DATA AND REFERENCES:

	dnd-sal:spr 5 umol/L	CNREA8 40,387,80
	dnd-mam:lym 3 umol/L	CNREA8 40,387,80

KARMINOMYCIN, N-D-PHENYLALANYL- see: QI9293140
KARPHOS see: TF5600000
KARPUR-TULASI EXTRACT (Indian) see: RF7507000
KARSAN see: LP8925000
KARSING EXTRACT (Indian) see: AB1490000
KARSULPHAN see: PB1400000
KARTRYL see: YS2975000
KARUWA EXTRACT (Indian) see: CI9090000
KASEBON see: FF9100000
KASH, leaf extract (Indian) see: WX1277000
KASHMIRJA see: GN1775000
KASIMID see: NJ1925000
KASSIA OEL (German) see: FI4050000
KASTAM see: GN1775000
KASTONE see: MX0899000
KASTULA EXTRACT (Indian) see: MG8505000
KASUGAMYCIN HYDROCHLORIDE see: NM7521800
KASUGAMYCIN, MONOHYDROCHLORIDE see: NM7521800 D-chiro-INOSITOL, 3-O-(2-AMINO-4-((CARBOXYIMINOMETHYL)AMINO)-2,3,4,6-TETRADEOXY-alpha-D- arabino-HEXOPYRANOSYL)-,MONOHYDROCHLORIDE
KASUGAMYCIN PHOSPHATE see: NM7521840
KASUGAMYCIN SULFATE see: NM7521880
KASUMIN see: NM7521800 D-chiro-INOSITOL, 3-O-(2-AMINO-4-((CARBOXYIMINOMETHYL)AMINO)-2,3,4,6TETRADEOXY-alpha-D- arabino-HEXOPYRANOSYL)-, MONOHYDROCHLORIDE
KAT see: XJ1795000
KAT 256 see: DA0500000
KATAGRIPPE see: CV4900000
KATAIKI CHAULAI EXTRACT (Indian) see: BD7140000
KATALYSIN see: SN5425000
KATAMIN AB see: BO3150000
KATAMINE AB see: BO3150000
KATAMINE AB see: BO7000000
KATAPOL PN-430 see: WW3150000
KATAPOL PN-730 see: WW3150000
KATAPOL PN-810 see: WW3150000
KATAPYRIN see: YQ8665000
KATCA-KAIRANBU EXTRACT (Indian) see: NY9885000
KATCHAMPA, leaf extract (Indian) see: CI4076000 ARTOBOTRYS ODORATISSIMUS Linn., leafextract
KATCHUNG OIL see: RX2830000
KATH-JAMUN STEM BARK EXTRACT (Indian) see: WV8830010
KATHON BIOCIDE see: NZ7575000

NZ7574500 KATHON CG
UPDT:8406 CAS: 70294-89-2

MUTATION DATA AND REFERENCES:

	mmo-sat 30 ng/plate	FCTOD7 21,695,83
	mma-sat 300 ng/plate	FCTOD7 21,695,83

NZ7575000 KATHON MW 886 BIOCIDE
DEF:Containing a mixture of 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE and 2-METHYL-4-ISOTHIAZOLIN-3-ONE (MUREAV 118,129,83)
UPDT:8402
SYN: KATHON BIOCIDE

MUTATION DATA AND REFERENCES:

	mmo-sat 268 ng/plate	MUREAV 119,35,83
	mma-sat 268 ng/plate	MUREAV 119,35,83
	mmo-esc 4020 ng/L	MUREAV 119,35,83
	msc-mus:lym 198 ug/L	MUREAV 118,129,83

KATHRO see: FZ8400000
KATHY EXTRACT (Indian) see: NL0360000
KATILICHAMPA EXTRACT (Indian) see: CI1500000
KATI STEM EXTRACT (Indian) see: LK6360000
KATIV-G see: QL9100000
KATLEX see: CB2625000
KATONIL see: OW1050000
KATORIN see: LZ5230000
KATOVIT see: UY2450000
KATOVIT HYDROCHLORIDE see: UY2450000
KATRON see: MV7350000
KATRON see: DD2800000
KATRONIAZID see: MV7350000
KATRONIZ see: MV7350000
KAULA LEAF EXTRACT (Indian) see: OL9170000
KAULA STEM BARK EXTRACT (Indian) see: OL9171000

NZ8173500 KAUR-16-ENE-18,19-DIOIC ACID, 15-HYDROXY-2-((2-O-(3-METHYL-1-OXOBUTYL)-3,4-DI-O-SULFO-beta- D-GLUCOPYRANOSYL)OXY)-, DIPOTASSIUM SALT, (2-beta,15-alpha)-
UPDT:8402 CAS: 33286-30-5 MW: 849.09 MOLFM: C31-H46-O18-S2 .2K
SYN: CARBOXYATRACTYLOSIDE * CAT * CAT DIPOTASSIUM SALT * DIPOTASSIUM CARBOXYATRACTYLOSIDE * GUMMIFERIN * POTASSIUM CARBOXYATRACTYLOSIDE

TOXICITY DATA AND REFERENCES:

3F05F07F17	ipr-rat LD50:14 mg/kg	AJVRAH 43,111,82

NZ8174000 KAUR-16-EN-19-OIC ACID
UPDT:8308 CAS: 20316-84-1 MW: 302.50 MOLFM: C20-H30-O2
SYN: ACIDE KAURENIQUE * ARGYROPHILIC ACID * ISOCUNABIC ACID * KAUR-16-EN-18-OIC ACID, (4-beta)- (9CI) * (-)-KAURNENOIC ACID

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:280 mg/kg	85GDA2 8(2),71,82

KAUR-16-EN-18-OIC ACID, (4-beta)- (9CI) see: NZ8174000
KAURESIN K244 see: YU1610000
KAURIT 420 see: YU1610000
KAURIT 285 FL see: YU1610000
KAURITIL see: GL7020000
(-)-KAURNENOIC ACID see: NZ8174000
KAUSI STEM BARK EXTRACT (Indian) see: LK5097000
KAUTI EXTRACT (Indian) see: JW0590000
KAUTSCHIN see: OS8100000
KAVADEL see: TE3350000
KAVAHIN see: UQ0517000
KAVAIN see: UQ0518000
(+)-KAVAIN see: UQ0518000
KAVALI EXTRACT (Indian) see: VX6605000
KAVATIN see: UQ0517000
KAWAIN see: UQ0518000
KAWLA EXTRACT (Indian) see: OL9180000
KAYABUTYL C see: SD8247000
KAYAFUME see: PA4900000
KAYAKU ACID BRILLIANT FLAVINE FF see: DE4098000
KAYAKU ACID BRILLIANT SCARLET 3R see: QJ6530000
KAYAKU AMARANTH see: QJ6550000
KAYAKU BENZOPURPURINE 4B see: QK1765000
KAYAKU BLUE B BASE see: DD0875000
KAYAKU BLUE B SALT see: DD0875000
KAYAKU CONGO RED see: QK1400000
KAYAKU DIRECT see: QJ6400000
KAYAKU DIRECT BORDEAUX BK see: QK1296000
KAYAKU DIRECT DARK GREEN B see: QJ6195050
KAYAKU DIRECT DEEP BLACK EX see: QJ6160000
KAYAKU DIRECT DEEP BLACK GX see: QJ6160000
KAYAKU DIRECT DEEP BLACK S see: QJ6160000
KAYAKU DIRECT LEATHER BLACK EX see: QJ6160000
KAYAKU DIRECT SCARLET 3B see: QJ6476000
KAYAKU DIRECT SKY BLUE 5B see: QJ6420000
KAYAKU DIRECT SKY BLUE 6B see: QJ6430000
KAYAKU DIRECT SPECIAL BLACK AAX see: QJ6160000
KAYAKU FAST RED 3GL BASE see: BX1575000
KAYAKU FOOD COLOUR RED NO. 2 see: QJ6550000
KAYAKU FOOD COLOUR RED NO. 102 see: QJ6530000
KAYAKU FOOD COLOUR YELLOW NO. 4 see: UQ6400000
KAYAKU RED SALT 3GL see: BX1575000
KAYAKU SCARLET G BASE see: XU8225000
KAYAKU TARTRAZINE see: UQ6400000
KAYALON FAST BLUE BR see: CB0540000
KAYALON FAST YELLOW G see: AC3662000
KAYANOL MILLING RED RS see: QJ6475500
KAYANOL RED RS see: QJ6478000
KAYARUS SUPRA BROWN BRS see: GL7375000
KAYASET YELLOW G see: AC3662000

KAYAZINON see: TF3325000
KAYAZOL see: TF3325000
KAY CIEL see: TS8050000
KAYDOL see: PY8030000
KAYKLOT see: QL9100000
KAYKOT see: QL9100000
KAYLITE see: KV0350000
KAYQUINONE see: QL9100000
KAYTRATE see: RZ2620000
KAYTWO see: QL9279500
KAYVISYN see: QL3350000
KAZOE see: VY8050000
KB-53 see: DJ3450000
KB 227 see: NI3200000
KB-227 see: NJ4530400
KB-509 see: DF0650000
KB-944 see: SZ6576000
KB (POLYMER) see: WL6475000
K-BRITE see: JP2100000
KC-400 see: TQ1374000
KC-500 see: TQ1376000
KC 9147 see: FD3920000
KCA ACETATE FAST YELLOW G see: AC3662000
KCA ACID MILLING YELLOW M see: DV3910000
KCA CHROME ORANGE R see: VO5310000
KCA FOODCOL AMARANTH A see: QJ6550000
KCA FOODCOL SUNSET YELLOW FCF see: QK2450000
KCA FOODCOL TARTRAZINE PF see: UQ6400000
KCA LIGHT FAST BROWN BR see: GL7375000
KCA METHYL ORANGE see: DB6327000
KCA TARTRAZINE PF see: UQ6400000
KE see: GM9020000
K 55E see: WL6478000
KEDACILLIN see: XH9890000
KEDAVON see: TI4375000
KEESTAR see: GM5090000
KEFENID see: UE7570000
KEFGLYCIN see: XI0345000
KEFLEX see: XI0350000
KEFLIN see: XI0383000
KEFLODIN see: UU3675000
KEFLORDIN see: UU3675000
KEFORAL see: XI0350000
KEFSPOR see: UU3675000
KEFZOL see: XI0390000
KEIMSTOP see: FD8925000
KEKAR EXTRACT (Indian) see: SY1950000
KELACID see: AZ5775000
KELAMERAZINE see: WP0750000
KELAMIN see: LV1050000
KELCO GEL LV see: AZ5820000
KELCOSOL see: AZ5820000
KELENE see: KH7525000
KELEVAN see: PC8400000

OA1850000 KEL-F
UPDT:8401 CAS: 8045-75-8 MOLFM: (C2-Cl-F3)n
SYN: VOLTALEF 10

TUMORIGENIC DATA AND REFERENCES:

2V03V10	imp-rat TDLo:36 mg/kg	CNREA8 15,333,55

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KELFIZIN see: WP0175000
KELFIZINA see: WP0175000
KELFIZINE see: WP0175000
KELGIN see: AZ5820000
KELGIN F see: AZ5820000
KELGIN HV see: AZ5820000
KELGIN LV see: AZ5820000
KELGIN XL see: AZ5820000
KELGUM see: AZ5820000
KELICOR see: LV1050000
KELICORIN see: LV1050000
KELINCOR see: LV1050000
KELLIN see: LV1050000
KELLINA see: LV1050000
KELOID see: LV1050000
KELOURIN see: LV1050000
KELSET see: AZ5820000
KELSIZE see: AZ5820000
KELTANE see: DC8400000
KELTEX see: AZ5820000
KELTHANE see: DC8400000
para,para'-KELTHANE see: DC8400000
KELTHANE A see: DC8400000
KELTHANE (DOT) see: DC8400000
KELTHANE DUST BASE see: DC8400000
KELTHANETHANOL see: DC8400000
KELTONE see: AZ5820000
KEMADRIN see: UY1926000
KEMADRINE see: UY1925000
KEMADRIN HYDROCHLORIDE see: UY1926000
KEMAMINE P 989 see: RG4130000
KEMAMIDE S see: RG0182000
KEMATE see: XY7175000
KEMDAZIN see: DD6500000
KEMESTER 105 see: RK0895000
KEMESTER 115 see: RK0895000
KEMESTER 205 see: RK0895000
KEMESTER 213 see: RK0895000
KEMESTER 5652 see: AU9700000
KEMESTER 9018 see: WI4460000
KEMI see: UB7525000
KEMICETINA see: AB6825000
KEMICETINE see: AB6825000
KEMICETINE SUCCINATE see: WM9650000
KEMIKAL see: EW2800000
KEMITHAL see: CP8400000
KEMITRACIN 10 see: CP0749000
KEMODRIN see: SH5075000
KEMOLATE see: TE2275000
KEMPFEROL see: LK9275200
KEMPLEX 100 see: AH5075000
KEMPORE see: LQ1040000
KEMPORE 125 see: LQ1040000
KEMPORE R 125 see: LQ1040000
KENACHROME BLACK 6B see: QK2195000
KENACHROME BLUE 2R see: QK1925000
KENACHROME ORANGE see: VO5310000
KENACORT see: TU3850000
KENACORT DIACETATE SYRUP see: TU3950000
KENALOG see: TU3920000
KENAPON see: UF0690000
KENDALL'S COMPOUND B see: GM7650000
KENDALL's COMPOUND E see: GM9020000
KENDALL'S COMPOUND F see: GM8925000
KEORA EXTRACT (Indian) see: RT9045000
KEPHALIS see: GW1470000
KEPHRINE HYDROCHLORIDE see: AM8225000
KEPINOL see: UV8240000
KEPONE see: PC8575000
KEPONE (DOT) see: PC8575000
KEPONE-2-ONE, DECACHLOROOCTAHYDRO- see: PC8575000
KEPTAN see: WH1317560
KER 710 see: GN0231000
KERABIT see: GO7875000
KERACAINE see: DG3065000
KERALYT see: VO0525000
KERAPHEN see: SM8400000
KERB see: CV3460000
KERB 50W see: CV3460000
KERECID see: YU7700000
KERLONE see: UA9823000 2-PROPANOL, 1-(4-(2-(CYCLOPROPYLMETHOXY)ETHYL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE
KERNECHTROT see: SG1400000
KERNELS, APRICOT see: UL3530000
KEROCAINE see: DG2275000
KEROPUR see: AF9700000

OA5500000 KEROSENE
UPDT:8412 CAS: 8008-20-6
SYN: COAL OIL * COAL OIL (export shipment only) (DOT) * KEROSENE (DOT) * KEROSINE * UN 1223 (DOT)

TOXICITY DATA AND REFERENCES:

	unk-man LDLo:1176 mg/kg	85DCAI 2,73,70
*	orl-rat LDLo:800 mg/kg	CTOXAO 17,271,80
	ipr-rat LDLo:10700 mg/kg	TXAPA9 1,156,59
	itr-rat LDLo:800 mg/kg	TXAPA9 1,462,59
*	orl-rbt LD50:28 gm/kg	85ESA3 9,694,76
3J02J06J16	ipr-rbt LD50:6600 mg/kg	AIMEAS 21,803,44
3J26F11F24	ivn-rbt LD50:180 mg/kg	AIMEAS 21,803,44
	orl-gpg LD50:20 gm/kg	AIMEAS 21,803,44

STANDARDS & REGULATIONS:

★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE	CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO REFINED PETROLEUM SOLVENTS recm std-air:TWA 100 mg/m3	NTIS**

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0283-0471 S;8EHQ-0283-0472S
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KEROSENE (DOT) see: OA5500000
KEROSINE see: OA5500000
KESELAN see: EU1575000
KESSCO 40 see: RG1925000
KESSCO BSC see: WI2900000
KESSCOCIDE see: NX9100000
KESSCOFLEX see: TI0175000
KESSCOFLEX BS see: WI2900000
KESSCOFLEX MCP see: TI1400000
KESSCOFLEX TRA see: AK3675000
KESSCO ISOPROPYL PALMITATE see: RT4900000
KESSOBAMATE see: TZ0175000
KESSODANTEN see: MU1050000
KESSODRATE see: FM8750000
KESTREL (PESTICIDE) see: GZ1255000
KESTRIN see: GL1224000
KESTRONE see: KG8575000
KETAJECT see: GW1400000
KETALAR see: GW1400000
KETALGIN see: MJ5950000
KETALGIN HYDROCHLORIDE see: MJ6130000
KETAMAN see: BP8249200
KETAMINE see: GW1400000
KETAMINE see: GW1300000
KETAMINE HYDROCHLORIDE see: GW1400000
(+-)-KETAMINE HYDROCHLORIDE see: GW1400000
KETANEST see: GW1400000
KETANRIFT see: UR0785000
KETASET see: GW1400000
KETAVET see: GW1400000

OA7700000 KETENE
UPDT:8404 CAS: 463-51-4 MW: 42.04 MOLFM: C2-H2-O
SYN: CARBOMETHENE * ETHENONE * KETO-ETHYLENE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1300 mg/kg	UCDS**
ihl-mus LCLo:23 ppm/30M	JIHTAB 31,209,49
ihl-rat LCLo:53 ppm/100M	JIHTAB 31,209,49
ihl-mky LCLo:200 ppm/10M	JIHTAB 31,209,49
ihl-cat LCLo:750 ppm/10M	JIHTAB 31,209,49
ihl-gpg LCLo:53 ppm/100M	JIHTAB 31,209,49
ihl-gpg LCLo:53 ppm/100M	JIHTAB 31,209,49

REVIEW AND REFERENCES:

★ TLV-TWA 500 ppb; STEL 1500 ppb	DTLVS* 4,241,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 0.5 ppm (SCP-G)	FEREAC 39,23540,74

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S92

'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
KETENE, DIMER see: RQ8225000
KETHAMED see: RQ2975000
KETHOXAL see: EL8550000
KETHOXAL-BIS-THIOSEMICARBAZIDE see: ES2450000
KETJEN B see: BD1200000
KETJENBLACK EC see: FF5800000
3-(3-KETO-7-alpha-ACETYLTHIO-17-beta-HYDROXY-4-ANDROSTEN-17-alpha-YL)PROPIONIC ACID LACTONE see: TU4725000
KETOBUN-A see: UR0785000
7-KETOCHOLESTEROL see: FZ8708000
KETOCYCLOPENTANE see: GY4725000
7-KETODEHYDROABIETIC ACID see: TP8731000
KETODESTRIN see: KG8575000
3-KETO-1,5-DIMETHYL-4-DIMETHYLAMINO-2-PHENYL-2,3-DIHYDROPYRAZOLE see: CD2625000
2-KETO-3-ETHOXY-BUTYRALDEHYDE-BIS(THIOSEMICARBAZONE) see: ES2450000
KETO-ETHYLENE see: OA7700000
3-KETO-L-GULOFURANOLACTONE see: CI7650000
KETOHEXAMETHYLENE see: GW1050000
2-KETOHEXAMETHYLENIMINE see: CM3675000
KETOHYDROXY-ESTRATRIENE see: KG8575000
KETOHYDROXYESTRIN see: KG8575000
KETOHYDROXYESTRIN BENZOATE see: KG8750000
KETOHYDROXYOESTRIN see: KG8575000
KETOHYDROXYOESTRIN BENZOATE see: KG8750000
3-(beta-KETO-gamma-(3-HYDROXY-2-PIPERIDYL)PROPYL)-4-QUINAZOLONE see: VA3450000
2,3-KETOINDOLINE see: NL7873000
KETOLAR see: GW1400000
KETOLE see: NL2450000
KETOLIN-H see: GO7175000
gamma-KETO-beta-METHOXY-delta-METHYLENE-DELTA(sup alpha)-HEXENOIC ACID see: MM2625000
15-KETO-20-METHYLCHOLANTHRENE see: FZ4375000

0B1070000 KETONE, 3-ACETYLBENZOFURAN-5-YL HYDROPEROXYMETHYL
UPDT:8306 MW: 234.22 MOLFM: C12-H10-O5
SYN: 3-ACETYLBENZOFURAN-5-YL HYDROPEROXYMETHYL KETONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:800 mg/kg RPTOAN 45,86,82

0B1078400 KETONE, 1-ADAMANTYL (4-(o-METHOXYPHENYL)-1-PIPERAZINYL)METHYL, MONOHYDROCHLORIDE
UPDT:8405 CAS: 23479-49-4 MW: 405.03 MOLFM: C23-H32-N2-O2 .Cl-H
SYN: 1-ADAMANTYL (4-(o-METHOXYPHENYL)-1-PIPERAZINYL)METHYL KETONE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F07F23 ipr-mus LD50:170 mg/kg LZAVAL (9),126,69

0B1078800 KETONE, 1-ADAMANTYL PIPERIDINOMETHYL, HYDROCHLORIDE
UPDT:8405 CAS: 23479-47-2 MW: 297.91 MOLFM: C17-H27-N-O .Cl-H
SYN: 1-ADAMANTYL PIPERIDINOMETHYL KETONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F07F23 ipr-mus LD50:290 mg/kg LZAVAL (9),126,69

0B1202000 KETONE, BENZ(a)ANTHRACEN-7-YL TRICHLOROMETHYL
UPDT:8401 CAS: 63041-25-8 MW: 373.66 MOLFM: C20-H11-Cl3-O
SYN: BENZ(a)ANTHRACEN-7-YL TRICHLOROMETHYL KETONE * ETHANONE, 1-(BENZ(a)ANTHRACEN-7-YL)-2,2,2-TRICHLORO- * 10-TRICHLORACETYL-1,2-BENZANTHRACENE
TUMORIGENIC DATA AND REFERENCES:
1V03 scu-rat TDLo:45 mg/kg XPHPAW 149,191,51
1V03 scu-mus TDLo:80 mg/kg XPHPAW 149,191,51
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

0B1203000 KETONE, 2-BENZOFURANYL METHYL
UPDT:8401 CAS: 1646-26-0 MW: 160.18 MOLFM: C10-H8-O2
SYN: 2-ACETYLBENZOFURAN * 2-ACETYLCOUMARONE * 2-BENZOFURANYL METHYL KETONE * BENZOFURAN-2-YL METHYL KETONE * ETHANONE, 1-(2-BENZOFURANYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1200 mg/kg EJMCA5 12,383,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
KETONE, 2H-1-BENZOPYRAN-3-YL METHYL see: DJ2110000

0B1221400 KETONE, 3-BENZOYLBENZOFURAN-5-YL HYDROPEROXYMETHYL
UPDT:8306 MW: 296.29 MOLFM: C17-H12-O5
SYN: 3-BENZOYLBENZOFURAN-5-YL HYDROPEROXYMETHYL KETONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg RPTOAN 45,86,82

0B1221600 KETONE, BENZYL 1-(2-(DIMETHYLAMINO)PROPYL)PYRROL-2-YL, CITRATE
UPDT:8306 CAS: 7083-24-1 MW: 462.55 MOLFM: C17-H22-N2-O .C6-H8-O7
SYN: 1-(2-(DIMETHYLAMINO)PROPYL)-2-(PHENYLACETYL)PYRROLE CITRATE
TOXICITY DATA AND REFERENCES:
3A11F07J30 ivn-mus LD50:40 mg/kg CHTPBA 1,127,66

0B1228200 KETONE, BICYCLO(4.2.0)OCTA-1,3,5-TRIEN-7-YL CYCLOPROPYL, OXIME
UPDT:8407 CAS: 6809-97-8 MW: 187.26 MOLFM: C12-H13-N-O
SYN: BICYCLO(4.2.0)OCTA-1,3,5-TRIEN-7-YL CYCLOPROPYL KETONE OXIME
TOXICITY DATA AND REFERENCES:
ipr-mam LD50:1000 mg/kg CHTPBA 6,65,71

0B1228400 KETONE, BICYCLO(4.2.0)OCTA-1,3,5-TRIEN-7-YL PHENYL, OXIME
UPDT:8407 CAS: 6813-89-4 MW: 223.29 MOLFM: C15-H13-N-O
SYN: BICYCLO(4.2.0)OCTA-1,3,5-TRIEN-7-YL PHENYL KETONE OXIME
TOXICITY DATA AND REFERENCES:
ipr-mam LD50:3000 mg/kg CHTPBA 6,65,71

0B1229300 KETONE, BIS-1-AZIRIDINYL
UPDT:8305 MW: 112.15 MOLFM: C5-H8-N2-O
SYN: N,N'-BIS-CYCLOETHYLENE UREA
MUTATION DATA AND REFERENCES:
oms-rat-ipr 10 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 10 mg/kg BJPCAL 6,357,51
KETONE, 3-(BIS(2-CHLOROETHYL)AMINO)-p-TOLYL MORPHOLINO- see: QD8505000

0B1247000 KETONE, 5-BROMO-2-METHOXYPHENYL 1-(2-(DIMETHYLAMINO)PROPYL)PYRROL-2-YL, CITRATE
UPDT:8306 CAS: 7054-85-3 MW: 557.45 MOLFM: C17-H21-Br-N2-O2 .C6-H8-O7
SYN: 2-(5-BROMO-2-METHOXYBENZOYL)-1-(2-(DIMETHYLAMINO)PROPYL)PYRROLE CITRATE
TOXICITY DATA AND REFERENCES:
3A11F07J30 ivn-mus LD50:41 mg/kg CHTPBA 1,127,66

0B1247500 KETONE, BROMOMETHYL 4-(DIPHENYLHYDROXYMETHYL)PIPERIDINO
UPDT:8312 MW: 388.34 MOLFM: C20-H22-Br-N-O2
SYN: 1-BROMOACETYL-alpha,alpha-DIPHENYL-4-PIPERIDINEMETHANOL * 4-PIPERIDINEMETHANOL, 1-BROMOACETYL-alpha,alpha-DIPHENYL-
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:20 mg/kg JPMSAE 55,529,66

0B1295000 KETONE, 7-(3-(sec-BUTYLAMINO)-2-HYDROXYPROPOXY)-2-BENZOFURANYL METHYL
UPDT:8406 CAS: 39543-94-7 MW: 305.41 MOLFM: C17-H23-N-O4
SYN: 2-ACETYL-7-(2-HYDROXY-3-sec-BUTYLAMINOPROPOXY)BENZOFURAN * ETHANONE, 1-(7-(2-HYDROXY-3-((1-METHYLPROPYL)AMINO)PROPOXY)-2-BENZOFURANYL)-
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:75 mg/kg GWXXBX #2223184

0B1296000 KETONE, 4-(3-(tert-BUTYLAMINO)-2-HYDROXYPROPOXY)-2-BENZOFURANYL METHYL
UPDT:8408 CAS: 39543-84-5 MW: 305.41 MOLFM: C17-H23-N-O4
SYN: 2-ACETYL-4-(2-HYDROXY-3-tert-BUTYLAMINOPROPOXY)BENZOFURAN * 1-(4-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)-2-BENZOFURANYL)ETHANONE * ETHANONE, 1-(4-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)-2-BENZOFURANYL)-
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:35 mg/kg GWXXBX #2223184

0B1297000 KETONE, 7-(3-(tert-BUTYLAMINO)-2-HYDROXYPROPOXY)-2-BENZOFURANYL METHYL
UPDT:8408 CAS: 39543-80-1 MW: 305.41 MOLFM: C17-H23-N-O4
SYN: 2-ACETYL-7-(2-HYDROXY-3-tert-BUTYLAMINOPROPOXY)BENZOFURAN * 1-(7-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)-2-BENZOFURANYL)ETHANONE * ETHANONE, 1-(7-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)-2-BENZOFURANYL)-
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:45 mg/kg GWXXBX #2223184

0B1360000 KETONE, 2-BUTYL-3-BENZOFURANYL 4-(2-(DIETHYLAMINO)ETHOXY)-3,5-DIIODOPHENYL
UPDT:8403 CAS: 1951-25-3 MW: 645.35 MOLFM: C25-H29-I2-N-O3
SYN: AMINODARONE * AMIODARONE * 2-BUTYL-3-BENZOFURANYL p-((2-DIETHYLAMINO)ETHOXY)-m,m-DIIODOPHENYL KETONE * 2-BUTYL-3-(4'-beta-N-DIETHYLAMINOETHOXY-3',5'-DIIODOBENZOYL)BENZOFURAN * 2-BUTYL-3-(3,5-DIIODO-4-(beta-DIETHYLAMINOETHOXY)BENZOYL)BENZOFURAN * 2-BUTYL-3-(3,5-DIIODO-4-(2-DIETHYLAMINOETHOXY)BENZOYL)BENZOFURAN * 2-n-BUTYL-3',5'-DIIODO-4'-N-DIETHYLAMINOETHOXY-3-BENZOYLBENZOFURAN * L 3428 * LABAZ * METHANONE, (2-BUTYL-3-BENZOFURANYL)(4-(2-(DIETHYLAMINO)ETHOXY)-3,5-DIIODOPHENYL)- (9CI)
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:254 mg/kg EJTXAZ 8,122,75
ivn-mus LD50:178 mg/kg EJTXAZ 8,188,75
KETONE, BUTYL METHYL see: MP1400000

0B1598000 KETONE, CHLOROMETHYL 4-(DIPHENYLHYDROXYMETHYL)PIPERIDINO
UPDT:8312 MW: 343.88 MOLFM: C20-H22-Cl-N-O2
SYN: 1-CHLOROACETYL-alpha,alpha-DIPHENYL-4-PIPERIDINEMETHANOL * 4-PIPERIDINEMETHANOL, 1-CHLOROACETYL-alpha,alpha-DIPHENYL-
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:20 mg/kg JPMSAE 55,529,66

0B1598500 KETONE, 5-CHLORO-1H-INDOL-3-YL 4-PIPERIDINYLMETHYL, HYDROCHLORIDE
UPDT:8311 CAS: 63845-32-9 MW: 313.25 MOLFM: C15-H17-Cl-N2-O .Cl-H
SYN: (5-CHLOR-3-INDOLYL)-(4-PIPERIDYL-METHYL)-KETON HYDROCHLORID (German) * 5-CHLORO-1H-INDOL-3-YL 4-PIPERIDINYLMETHYL KETONE HYDROCHLORIDE * ETHANONE, 1-(5-CHLORO-1H-INDOL-3-YL)-2-(4-PIPERIDINYL)-, MONOHYDROCHLORIDE (9CI)
TOXICITY DATA AND REFERENCES:
2F03F17 orl-mus LD50:300 mg/kg GWXXBX #2618152

0B1614000 KETONE, (p-CHLOROPHENOXY)METHYL 1-(2-(DIMETHYLAMINO)ETHYL)PYRROL-2-YL, HYDROCHLORIDE
UPDT:8307 CAS: 14646-85-6 MW: 343.28 MOLFM: C16-H19-Cl-N2-O2 .Cl-H
SYN: 2-((p-CHLOROPHENOXY)ACETYL)-1-(2-(DIMETHYLAMINO)ETHYL)PYRROLE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2A11F07 scu-mus LD50:46 mg/kg CHTPBA 1,127,66
2A11F07 ivn-mus LD50:22 mg/kg CHTPBA 1,127,66

0B1635000 KETONE, p-CHLOROPHENYL 1-(2-MORPHOLINOETHYL)PYRROL-2-YL, HYDROCHLORIDE
UPDT:8306 CAS: 14415-66-8 MW: 355.29 MOLFM: C17-H19-Cl-N2-O2 .Cl-H
SYN: 2-(p-CHLOROBENZOYL)-1-(2-MORPHOLINOETHYL)PYRROLE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11F07J30 ivn-mus LD50:140 mg/kg CHTPBA 1,127,66

0B1804200 KETONE, 3,5-DIBROMO-4-HYDROXYPHENYL 2-ETHYL-3-BENZOFURANYL
UPDT:8411 CAS: 3562-84-3 MW: 424.11 MOLFM: C17-H12-Br2-O3
SYN: BENZBROMARON * BENZBROMARONE * BENZOFURAN, 3-(3,5-DIBROMO-4-HYDROXYBENZOYL)-2-ETHYL- * DESURIC * 3,5-DIBROMO-4-HYDROXYPHENYL 2-ETHYL-3-BENZOFURANYL KETONE * EXURATE * L2214 * L2214-LABAZ * METHANONE, (3,5-DIBROMO-4-HYDROXYPHENYL)(2-ETHYL-3-BENZOFURANYL)- (9CI) * MINURIC * MJ 10061 * URICOVAC
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:248 mg/kg IYKEDH 10,232,79
* ipr-rat LD50:239 mg/kg IYKEDH 10,232,79
* scu-rat LD50:1230 mg/kg IYKEDH 10,232,79
* orl-mus LD50:618 mg/kg IYKEDH 10,232,79
2F05M11 ipr-mus LD50:146 mg/kg OYYAA2 6,341,72
* scu-mus LD50:4120 mg/kg IYKEDH 10,232,79
2F05M11 ivn-mus LD50:77 mg/kg OYYAA2 6,341,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

0B1804400 KETONE, 4,5-DICHLOROPYRROL-2-YL 2,6-DIHYDROXYPHENYL
UPDT:8309 CAS: 25683-07-2 MW: 272.09 MOLFM: C11-H7-Cl2-N-O3
SYN: METHANONE, (4,5-DICHLORO-1H-PYRROL-2-YL)(2,6-DIHYDROXYPHENYL)- * PYOLUTEORIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:125 mg/kg 85GDA2 5,48,81
* ipr-mus LD50:45 mg/kg 85GDA2 5,48,81

0B1810000 KETONE, 1-(2-(DIETHYLAMINO)ETHYL)PYRROL-2-YL 3-PYRIDYL, CITRATE
UPDT:8306 CAS: 6906-93-0 MW: 463.54 MOLFM: C16-H21-N3-O .C6-H8-O7
SYN: 3-((1-(2-(DIETHYLAMINO)ETHYL)-2-PYRROLYL)CARBONYL)PYRIDINE CITRATE
TOXICITY DATA AND REFERENCES:
2A11F07 ivn-mus LD50:24 mg/kg CHTPBA 1,127,66

0B1832000 KETONE, 3,4-DIHYDRO-2-(p-METHOXYPHENYL)-1-NAPHTHYL-p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL, METHANESULFONATE
UPDT:8401 CAS: 68307-81-3 MW: 549.73 MOLFM: C30-H31-N-O3 .C-H4-O3-S
SYN: LILLY COMPOUND LY133314 * LY133314 * TRIOXIFENE MESYLATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-rat TDLo:105 ug/kg (7D pre) JMCMAR 22,962,79
1T25 orl-rat TDLo:275 ug/kg (1-11D preg) JMCMAR 22,962,79
1T25 scu-rat TDLo:275 ug/kg (1-11D preg) JMCMAR 22,962,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

0B1834000 KETONE, 3,5-DIIODO-4-HYDROXYPHENYL 2,5-DIMETHYL-3-FURYL
UPDT:8303 MW: 468.03 MOLFM: C13-H10-I2-O3
SYN: DB 136 * 3,5-DIIODO-4-HYDROXYPHENYL 2,5-DIMETHYL-3-FURYL KETONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:315 mg/kg AIPTAK 147,497,64
* ivn-gpg LDLo:164 mg/kg AIPTAK 147,497,64

0B1835000 KETONE, 3,5-DIIODO-4-HYDROXYPHENYL 2-ETHYL-3-BENZOFURANYL
UPDT:8302 CAS: 68-90-6 MW: 518.09 MOLFM: C17-H12-I2-O3
SYN: ALGOCOR * AMPLIVIX * BENZIODARON * BENZIODARONE * BENZOFURAN, 3-(3,5-DIIODO-4-HYDROXYBENZOYL)-2-ETHYL- * CARDIVIX * CAROFAM * CORONAL-CRINOS * 3,5-DIIODO-4-HYDROXYPHENYL 2-ETHYL-3-BENZOFURANYL KETONE * DILAFURANE * DILA-VASAL * 2-ETHYL-3-(3',5'-DIIODO-4'-HYDROXYBENZOYL)-CUMARONE * L 2329 * 2329 LABAZ * RETRANGOR
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:680 mg/kg AIPTAK 131,187,61

0B1835200 KETONE, 3,5-DIIODO-4-HYDROXYPHENYL 5-ETHYL-2-FURYL
UPDT:8303 MW: 468.03 MOLFM: C13-H10-I2-O3
SYN: DB 138 * 3,5-DIIODO-4-HYDROXYPHENYL 5-ETHYL-2-FURYL KETONE * ETHYL 2 (DIIODO-3,5 HYDROXY-4 BENZOYL) 5 FURANNE (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:275 mg/kg AIPTAK 147,497,64

* ivn-gpg LDLo:161 mg/kg AIPTAK 147,497,64

OB1835300 KETONE, 3,5-DIIODO-4-HYDROXYPHENYL 2-FURYL
UPDT:8303 MW: 439.97 MOLFM: C11-H6-I2-O3
SYN: DB 134 * DIIODO-3,3 HYDROXY-4 BENZOYL 2 FURANNE (French) * 3,5-DIIODO-4-HYDROXYPHENYL 2-FURYL KETONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:132 mg/kg AIPTAK 147,497,64

OB1837400 KETONE, 4,7-DIMETHOXY-2-BENZOFURANYL METHYL
UPDT:8312 CAS: 64466-47-3 MW: 220.24 MOLFM: C12-H12-O4
SYN: 4,7-DIMETHOXY-2-BENZOFURANYL METHYL KETONE * ETHANONE, 1-(4,7-DIMETHOXY-2-BENZOFURANYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:900 mg/kg EJMCA5 12,383,77

OB1837600 KETONE, 6,7-DIMETHOXY-2-BENZOFURANYL METHYL
UPDT:8312 CAS: 64466-48-4 MW: 220.24 MOLFM: C12-H12-O4
SYN: 6,7-DIMETHOXY-2-BENZOFURANYL METHYL KETONE * ETHANONE, 1-(6,7-DIMETHOXY-2-BENZOFURANYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1200 mg/kg EJMCA5 12,383,77

OB1838500 KETONE, 5,8-DIMETHOXY-2H-1-BENZOPYRAN-3-YL METHYL
UPDT:8312 CAS: 64466-49-5 MW: 234.27 MOLFM: C13-H14-O4
SYN: 5,8-DIMETHOXY-2H-1-BENZOPYRAN-3-YL METHYL KETONE * ETHANONE, 1-(5,8-DIMETHOXY-2H-1-BENZOPYRAN-3-YL)- (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg EJMCA5 12,383,77

OB1838700 KETONE, 7,8-DIMETHOXY-2H-1-BENZOPYRAN-3-YL METHYL
UPDT:8312 CAS: 64466-50-8 MW: 234.27 MOLFM: C13-H14-O4
SYN: 7,8-DIMETHOXY-2H-1-BENZOPYRAN-3-YL METHYL KETONE * ETHANONE, 1-(7,8-DIMETHOXY-2H-1-BENZOPYRAN-3-YL)- (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1200 mg/kg EJMCA5 12,383,77

KETONE, DIMETHYL see: AL3150000

OB1935000 KETONE, 1-(2-(DIMETHYLAMINO)ETHYL)PYRROL-2-YL) p-FLUOROPHENYL, HYDROCHLORIDE
UPDT:8306 CAS: 14927-35-6 MW: 296.80 MOLFM: C15-H17-F-N2-O .Cl-H
SYN: 1-(2-(DIMETHYLAMINO)ETHYL)-2-(p-FLUOROBENZOYL)PYRROLE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11F07J30 ivn-mus LD50:39 mg/kg CHTPBA 1,127,66

OB1945000 KETONE, 1-(2-(DIMETHYLAMINO)ETHYL)PYRROL-2-YL) o-METHOXYPHENYL, HYDROCHLORIDE
UPDT:8306 CAS: 14415-61-3 MW: 308.84 MOLFM: C16-H20-N2-O2 .Cl-H
SYN: 1-(2-(DIMETHYLAMINO)ETHYL)-2-(o-METHOXYBENOZYL)PYRROLE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2A11F07 scu-mus LD50:98 mg/kg CHTPBA 1,127,66
2A11F07 ivn-mus LD50:28 mg/kg CHTPBA 1,127,66

OB2080000 KETONE, 10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZIN-2-YL ETHYL, HYDROCHLORIDE
UPDT:8405 MW: 376.98 MOLFM: C20-H24-N2-O-S .Cl-H
SYN: PROPIONYLPROMAZINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F18F25 ivn-mus LD50:38 mg/kg EJPHAZ 12,231,70

OB2275000 KETONE, 10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZIN-2-YL METHYL
UPDT:8403 CAS: 61-00-7 MW: 326.49 MOLFM: C19-H22-N2-O-S
SYN: ACEPROMAZINA * ACEPROMAZINE * ACEPROMIZINA * ACETHYLPROMAZIN * ACETAZINE * ACETILPROMAZINA * ACETOPROMAZINE * 2-ACETYL-10-(3-DIMETHYLAMINOPROPYL)PHENOTHIAZINE * ACETYLPROMAZIN * 3-ACETYL-PROMAZIN * ACETYLPROMAZINE * ANATRAN * ANERGAN * ATRAVET * ATSETOZIN * AY-57,062 AZEPROMAZINE * 1522 CB * 10-(3-DIMETHYLAMINOPROPYL)PHENOTHIAZINE-3-ETHYLONE * 1-(10-(3-(DIMETHYLAMINO)PROPYL)-10H-PHENOTHIAZIN-2-YL)ETHANONE * 10-(3-DIMETHYLAMINOPROPYL)PHENOTHIAZIN-3-YL METHYL KETONE * LISERGAN * NOTENQUIL * NOTENSIL * NOTESIL * PLEGECYL * PLEGICIL * PLEGICIN * PLEGICYL * PLIVAPHEN * PROMAZINE, ACETYL- * SOPRINTIN * SOPRONTIN * SOPROTIN * SV-1522 * VETRANQUIL * VETRANQUILL * WY-1172
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:130 mg/kg 85ESA3 9,4,76
* ivn-rat LD50:70 mg/kg 85ESA3 9,4,76
orl-mus LDLo:200 mg/kg AIPTAK 113,53,57
* ipr-mus LD50:350 mg/kg RMNIBN 81,105,77
scu-mus LD50:130 mg/kg AIPTAK 113,53,57
1F12 ivn-mus LD50:59 mg/kg AIPTAK 115,1,58
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JMSCA9 106,755,60; IDPYAK 1,203,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OB2450000 KETONE, 10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZIN-2-YL METHYL, MALEATE (1:1)
UPDT:8305 CAS: 3598-37-6 MW: 442.57 MOLFM: C19-H22-N2-O-S .C4-H4-O4
SYN: ACEPROMAZINE MALEATE * 2-ACETYL-10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZINE, MALEATE * ACETYLPROMAZINE MALEATE (1:1) * 10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZIN-2-YL METHYL KETONE MALEATE (1:1) * ETHANONE, 1-(10-(3-(DIMETHYLAMINO)PROPYL)-10H-PHENOTHIAZIN-2-YL)-, (Z)-2-BUTENEDIOATE (1:1) * MALEATE ACIDE DE L'ACETYL 3-DIMETHYLAMINO 3-PROPYL-10-PHENOTHIAZINE (French) * NOTENSIL * PHENOTHIAZINE, 2-ACETYL-10-(3-(DIMETHYLAMINO)PROPYL)-, MALEATE * PREGICIL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:400 mg/kg AIPTAK 123,78,59
orl-mus LDLo:270 mg/kg AIPTAK 113,53,57
scu-mus LD50:175 mg/kg AIPTAK 113,53,57
ivn-mus LD50:65 mg/kg APTOA6 19,87,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OB2700000 KETONE, 10-(2-(DIMETHYLAMINO)PROPYL)PHENOTHIAZIN-2-YL MORPHOLINOMETHYL-
UPDT:8306 CAS: 13082-24-1 MW: 411.61 MOLFM: C23-H29-N3-O2-S
SYN: PHENOTHIAZINE, 10-(2-(DIMETHYLAMINO)PROPYL)-2-(MORPHOLINOACETYL)-
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:410 mg/kg CHTPBA 1,397,66

OB2710000 KETONE, 10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZIN-2-YL MORPHOLINOMETHYL-
UPDT:8306 CAS: 13065-64-0 MW: 411.51 MOLFM: C23-H29-N3-O2-S
SYN: PHENOTHIAZINE, 10-(3-(DIMETHYLAMINO)PROPYL)-2-(MORPHOLINOACETYL)-
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg CHTPBA 1,397,66

OB2820000 KETONE, 1-(2-(DIMETHYLAMINO)PROPYL)PYRROL-2-YL o-FLUOROPHENYL, HYDROCHLORIDE
UPDT:8306 CAS: 14415-70-4 MW: 310.83 MOLFM: C16-H19-F-N2-O .Cl-H
SYN: 1-(2-(DIMETHYLAMINO)PROPYL)-2-(o-FLUOROBENZOYL)PYRROLE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11F07J30 ivn-mus LD50:70 mg/kg CHTPBA 1,127,66

OB2822000 KETONE, 1-(2-(DIMETHYLAMINO)PROPYL)PYRROL-2-YL o-METHOXYPHENYL, HYDROCHLORIDE
UPDT:8306 CAS: 14415-62-4 MW: 322.87 MOLFM: C17-H22-N2-O2 .Cl-H
SYN: 1-(2-(DIMETHYLAMINO)PROPYL)-2-(o-METHOXYBENZOYL)PYRROLE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2A11F07 scu-mus LD50:100 mg/kg CHTPBA 1,127,66
2A11F07 ivn-mus LD50:28 mg/kg CHTPBA 1,127,66

OB2823000 KETONE, 1-(3-(DIMETHYLAMINO)PROPYL)PYRROL-2-YL p-METHOXYPHENYL, HYDROCHLORIDE
UPDT:8306 CAS: 14648-27-2 MW: 322.87 MOLFM: C17-H22-N2-O2 .Cl-H
SYN: CHLORIDRATE de gamma-DIMETHYLAMINOPROPYL-1 ANISOYL-2 PYRROLE (French) * 1-(3-(DIMETHYLAMINO)PROPYL)-2-(p-METHOXYBENZOYL)PYRROLE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11F07J30 ivn-mus LD50:76 mg/kg CHTPBA 1,127,66

OB2825000 KETONE, 1-(2-(DIMETHYLAMINO)PROPYL)PYRROL-2-YL PHENYL, CITRATE
UPDT:8306 CAS: 7001-97-0 MW: 497.53 MOLFM: C16-H20-N2-O .C6-H8-O10
SYN: 2-BENZOYL-1-(3-(DIMETHYLAMINO)PROPYL)PYRROLE CITRATE
TOXICITY DATA AND REFERENCES:
3A11F07J30 ivn-mus LD50:45 mg/kg CHTPBA 1,127,66

OB2881000 KETONE, 2,5-DIMETHYL-3-FURYL p-HYDROXYPHENYL
UPDT:8303 MW: 216.25 MOLFM: C13-H12-O3
SYN: DB 135 * 2,5-DIMETHYL-3-FURYL p-HYDROXYPHENYL KETONE * DIMETHYL-2,5 (HYDROXY 4 BENZOYL) 3 FURANNE (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:605 mg/kg AIPTAK 147,497,64
* ivn-gpg LDLo:118 mg/kg AIPTAK 147,497,64

OB2888000 KETONE, 2,5-DIMETHYL-3-THIENYL METHYL
UPDT:8311 MW: 154.24 MOLFM: C8-H10-O-S
SYN: DIMETHYLTHIENYLCETONE (French)
TOXICITY DATA AND REFERENCES:
2F12J30 ipr-mus LD50:260 mg/kg APFRAD 5,16,47

OB2891000 KETONE, 4-(DIPHENYLHYDROXYMETHYL)PIPERIDINO IODOMETHYL
UPDT:8312 MW: 435.33 MOLFM: C20-H22-I-N-O2
SYN: 1-IODOACETYL-alpha,alpha-DIPHENYL-4-PIPERIDINEMETHANOL
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:20 mg/kg JPMSAE 55,529,66

OB3185000 KETONE, 2-ETHYL-7-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-4-BENZOFURANYL METHYL
UPDT:8408 CAS: 39544-02-0 MW: 319.44 MOLFM: C18-H25-N-O4
SYN: ETHANONE, 1-(2-ETHYL-7-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-4-BENZOFURANYL)- * 2-ETHYL-4-ACETYL-7-(2-HYDROXY-3-ISOPROPYLAMINOPROPOXY)BENZOFURAN * 1-(2-ETHYL-7-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-4-BENZOFURANYL)ETHANONE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:120 mg/kg GWXXBX #2223184

KETONE, ETHYL METHYL see: EL6475000

KETONE, ETHYL PHENYL see: UG7175000

OB3800000 KETONE, FLUOREN-2-YL METHYL
UPDT:8306 CAS: 781-73-7 MW: 208.27 MOLFM: C15-H12-O
SYN: 2-ACETOFLUORENE * 2-ACETYLFLUORENE * ETHANONE, 1-(9H-FLUOREN-2-YL) * 2-FLUORENYL METHYL KETONE
MUTATION DATA AND REFERENCES:
dnr-esc 80 mg/L MUREAV 119,135,83

OB3860000 KETONE, 2-FURYL p-HYDROXYPHENYL
UPDT:8303 MW: 188.19 MOLFM: C11-H8-O3
SYN: DB 133 * 2-FURYL p-HYDROXYPHENYL KETONE * HYDROXY-4 BENZOYL-2-FURANNE (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg AIPTAK 147,497,64

OB4105000 KETONE, 1,1,2,3,3,6-HEXAMETHYLINDAN-5-YL METHYL
UPDT:8305 CAS: 64058-43-1 MW: 244.41 MOLFM: C17-H24-O
SYN: 5-ACETYL-1,1,2,3,3,6-HEXAMETHYLINDAN
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1700 mg/kg FCTXAV 13,693,75

KETONE, alpha-HYDROXYBENZYL PHENYL see: DI1590000

OB4112500 KETONE, (1-HYDROXYCYCLOHEXYL) PHENYL, 2-(DIMETHYLAMINO)ETHYL METHYL ACETAL OXALATE
UPDT:8402 MW: 397.52 MOLFM: C18-H29-N-O3 .C2-H2-O4
SYN: CYCLOHEXANOL, 1-(alpha-(2-(DIMETHYLAMINO)ETHOXY)-alpha-METHOXYBENZYL)-, OXALATE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:250 mg/kg JPMSAE 54,59,65

OB4113000 KETONE, (1-HYDROXYCYCLOHEXYL) PHENYL, 2-(1-PYRROLIDINYL)ETHYL METHYL ACETAL, HYDROCHLORIDE
UPDT:8402 MW: 369.98 MOLFM: C20-H31-N-O3 .Cl-H
SYN: CYCLOHEXANOL, 1-(alpha-METHOXY-alpha-(2-(1-PYRROLIDINYL)ETHOXY)BENZYL)-, HYDROCHLORIDE * 1-(alpha-METHOXY-alpha-(beta-PYRROLIDINOETHOXY)BENZYL)CYCLOHEXANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:100 mg/kg JPMSAE 54,59,65

OB4180000 KETONE, 10-(3-(4-(2-HYDROXYETHYL)-1-PIPERAZINYL)PROPYL)PHENOTHIAZIN-2-YL METHYL, DIMALEATE
UPDT:8403 CAS: 5714-00-1 MW: 643.77 MOLFM: C23-H29-N3-O2-S .2C4-H4-O4
SYN: ACETOPHENAZINE * ACETOPHENAZINE MALEATE * 2-ACETYL-10-(3-(4-(beta-HYDROXYETHYL)PIPERAZINYL)PROPYL)PHENOTHIAZINE * 1-(2-HYDROXYETHYL)-4-(3-(2-ACETYL-10-PHENOTHIAZYL)PROPYL)PIPERAZINE * 1-(10-(3-(4-(2-HYDROXYETHYL)-1-PIPERAZINYL)PROPYL)-10H-PHENOTHIAZIN-2-YL)ETHANONE * 10-(3-(4-(2-HYDROXYETHYL)-1-PIPERAZINYL)PROPYL)PHENOTHIAZIN-2-YLMETHYL KETONE * 10-(3-(4-(2-HYDROXYETHYL)-1-PIPERAZINYL)PROPYL)PHENOTHIAZIN-2-YL METHYL KETONE DIMALEATE * SCH 6673 * TINDAL
IRRITATION DATA AND REFERENCES:
eye-rbt 112 mg SEV AMIHAB 14,250,56
TOXICITY DATA AND REFERENCES:
orl-rat LD50:415 mg/kg 27ZQAG -,11,72
ipr-rat LD50:60 mg/kg 27ZQAG -,11,72
ivn-rat LD50:39 mg/kg 27ZQAG -,11,72
* ivn-mus LD50:71 mg/kg CSLNX* NX#01100
orl-bwd LD50:75 mg/kg TXAPA9 21,315,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IDPYAK 1,203,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OB4200000 KETONE, 10-(3-(4-(2-HYDROXYETHYL)PIPERIDINO)PROPYL)PHENOTHIAZIN-2-YL METHYL
UPDT:8411 CAS: 3819-00-9 MW: 410.62 MOLFM: C24-H30-N2-O2-S
SYN: 2-ACETYL-10-(3-(4-(beta-HYDROXYETHYL)PIPERIDINO)PROPYL)PHENOTHIAZINE * ETHAN * 10-(3-(4-(2-HYDROXYETHYL)PIPERIDINO)PROPYL)PHENOTHIAZIN-2-YL METHYL KETONE * PC-1421 * PIPERACETAZINE * QUIDE * SC 9794
TOXICITY DATA AND REFERENCES:
orl-rat LD50:390 mg/kg TXAPA9 5,49,63
ipr-rat LD50:93 mg/kg TXAPA9 5,49,63
3F07F17F25 orl-mus LD50:575 mg/kg AIPTAK 135,152,62
3F07F17F25 ipr-mus LD50:98 mg/kg AIPTAK 135,152,62
1F25 scu-mus LD50:365 mg/kg AIPTAK 149,374,64
ipr-dog LD50:100 mg/kg 27ZQAG -,39,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IDPYAK 1,203,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OB4300000 KETONE, 10-(3-(4-(2-HYDROXYETHYL)PIPERIDINO)PROPYL)PHENOXAZIN-2-YL METHYL
UPDT:8308 MW: 394.56 MOLFM: C24-H30-N2-O3

SYN: 10-(3-(4-(2-HYDROXYETHYL)PIPERIDINO)PROPYL)PHENOXAZIN-2-YL METHYL KETONE * 4-PIPERIDINEETHANOL, 1-(3-(2-ACETYLPHENOXAZIN-10-YL)PROPYL)-
TOXICITY DATA AND REFERENCES:
1F25 scu-mus LD50:500 mg/kg AIPTAK 149,374,64

OB4310000 KETONE, 7-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-2-BENZOFURANYL METHYL
UPDT 8408 CAS: 39552-01-7 MW: 291.38 MOLFM: C16-H21-N-O4
SYN: 2-ACETYL-7-(2-HYDROXY-3-ISOPROPYLAMINOPROPOXY)BENZOFURAN * BEFUNOLOL * ETHANONE, 1-(7-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-2-BENZOFURANYL)- (9CI) * 7-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-2-BENZOFURANYL METHYL KETONE * 1-(7-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-2-BENZOFURANYL)ETHANONE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg GWXXBX #2223184

OB4320000 KETONE, 3-HYDROXY-1-ISOPROPYL-3-PIPERIDYL PHENYL, BENZOATE (ester), HYDROCHLORIDE, (+-)-
UPDT 8311 CAS: 33422-64-9 MW: 387.94 MOLFM: C22-H25-N-O3 Cl-H
SYN: (+-)-3-HYDROXY-1-ISOPROPYL-3-PIPERIDYL PHENYL KETONE BENZOATE (ester) HYDROCHLORIDE * (+-)-1-ISOPROPYL-3-BENZOYL-3-BENZOYLOXYPIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F29 scu-mus LD50:32 mg/kg JPMSAE 60,685,71

OB4358000 KETONE, HYDROXYMETHYL 5-NITRO-2-FURYL, SEMICARBAZONE
UPDT 8406 MW: 228.19 MOLFM: C7-H8-N4-O5
SYN: HYDROXYMETHYL 5-NITRO-2-FURYL KETONE SEMICARBAZONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg JAPMA8 39,313,50

KETONE, 4-HYDROXY-1-METHYL-4-PIPERIDYL PHENYL, BENZOATE (ester), conjugate monoacid see: PC4936000 METHANONE, (4-(BENZOYLOXY)-1-METHYL-4-PIPERIDINYL)PHENYL-, conjugate monoacid

OB4359300 KETONE, 3-HYDROXY-1-METHYL-3-PIPERIDYL PHENYL, BENZOATE (ester), HYDROCHLORIDE, (+)-
UPDT 8311 CAS: 33426-97-0 MW: 359.88 MOLFM: C20-H21-N-O3 Cl-H
SYN: (+)-3-HYDROXY-1-METHYL-3-PIPERIDYL PHENYL KETONE BENZOATE (ester) HYDROCHLORIDE * (+)-1-METHYL-3-BENZOYL-3-BENZOYLOXYPIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F29 scu-mus LD50:180 mg/kg JPMSAE 60,685,71

OB4359310 KETONE, 3-HYDROXY-1-METHYL-3-PIPERIDYL PHENYL, BENZOATE (ester), HYDROCHLORIDE, (+-)-
UPDT 8311 CAS: 33507-41-4 MW: 359.88 MOLFM: C20-H21-N-O3 Cl-H
SYN: (+-)-3-HYDROXY-1-METHYL-3-PIPERIDYL PHENYL KETONE BENZOATE (ester) HYDROCHLORIDE * (+-)-1-METHYL-3-BENZOYL-3-BENZOYLOXYPIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F29 scu-mus LD50:176 mg/kg JPMSAE 60,685,71

OB4360000 KETONE, 6-HYDROXY-2-NAPHTHYL PHENYL
UPDT 8303 MW: 248.29 MOLFM: C17-H12-O2
SYN: 6-BENZOYL-2-NAPHTHOL
MUTATION DATA AND REFERENCES:
dnr-esc 100 uL/plate MUREAV 97,1,82
otr-ham:kdy 80 ug/L BJCAAI 37,873,78

OB4501000 KETONE, 10-(3-(4-HYDROXYPIPERIDINO)PROPYL)PHENOTHIAZIN-2-YL METHYL
UPDT 8308 MW: 382.56 MOLFM: C22-H26-N2-O2-S
SYN: 10-(3-(4-HYDROXYPIPERIDINO)PROPYL)PHENOTHIAZIN-2-YL METHYL KETONE * 4-PIPERIDINOL, 1-(3-(2-ACETYLPHENOTHIAZIN-10-YL)PROPYL)-
TOXICITY DATA AND REFERENCES:
1F25 scu-mus LD50:470 mg/kg AIPTAK 149,374,64

OB4501500 KETONE, 10-(3-(4-HYDROXYPIPERIDINO)PROPYL)PHENOXAZIN-2-YL METHYL
UPDT 8308 MW: 366.50 MOLFM: C22-H26-N2-O3
SYN: 10-(3-(4-HYDROXYPIPERIDINO)PROPYL)PHENOXAZIN-2-YL METHYL KETONE * 4-PIPERIDINOL, 1-(3-(2-ACETYLPHENOXAZIN-10-YL)PROPYL)-
TOXICITY DATA AND REFERENCES:
1F25 scu-mus LD50:465 mg/kg AIPTAK 149,374,64

OB4502500 KETONE, 3-HYDROXY-1-PROPYL-3-PIPERIDYL PHENYL, BENZOATE (ester), HYDROCHLORIDE, (+-)-
UPDT 8311 CAS: 33422-61-6 MW: 387.94 MOLFM: C22-H25-N-O3 Cl-H
SYN: (+-)-3-HYDROXY-1-PROPYL-3-PIPERIDYL PHENYL KETONE BENZOATE (ester) HYDROCHLORIDE * (+-)-1-n-PROPYL-3-BENZOYL-3-BENZOYLOXYPIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F29 scu-mus LD50:265 mg/kg JPMSAE 60,685,71

OB4541000 KETONE, INDOL-3-YL 4-PIPERIDYLMETHYL, MONOHYDROCHLORIDE
UPDT 8311 CAS: 63845-30-7 MW: 276.81 MOLFM: C15-H18-N2-O Cl-H
SYN: ETHANONE, 1-(1H-INDOL-3-YL)-2-(4-PIPERIDINYL)-, MONOHYDROCHLORIDE * INDOL-3-YL PIPERIDINOMETHYL KETONE HYDROCHLORIDE * INDOL-3-YL 4-PIPERIDYLMETHYL KETONE HYDROCHLORIDE * 3-INDOLYL-(4-PIPERIDYL-METHYL)-KETON HYDROCHLORID (German)
TOXICITY DATA AND REFERENCES:
2F03F17 orl-mus LD50:300 mg/kg GWXXBX #2618152
2F03F17 ivn-mus LD50:47 mg/kg GWXXBX #2618152

KETONE, ISOBUTYL METHYL see: SA9275000

OB4571030 KETONE, 5-METHOXY-2-BENZOFURANYL METHYL
UPDT 8312 CAS: 21587-39-3 MW: 190.21 MOLFM: C11-H10-O3
SYN: ETHANONE, 1-(5-METHOXY-2-BENZOFURANYL)- (9CI) * 5-METHOXY-2-BENZOFURANYL METHYL KETONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 12,383,77

OB4571040 KETONE, 6-METHOXY-2-BENZOFURANYL METHYL
UPDT 8312 CAS: 52814-92-3 MW: 190.21 MOLFM: C11-H10-O3
SYN: ETHANONE, 1-(6-METHOXY-2-BENZOFURANYL)- (9CI) * 6-METHOXY-2-BENZOFURANYL METHYL KETONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 12,383,77

OB4571050 KETONE, 7-METHOXY-2-BENZOFURANYL METHYL
UPDT 8312 CAS: 43071-52-9 MW: 190.21 MOLFM: C11-H10-O3
SYN: ETHANONE, 1-(7-METHOXY-2-BENZOFURANYL)- (9CI) * 7-METHOXY-2-BENZOFURANYL METHYL KETONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg EJMCA5 12,383,77

KETONE, 5-METHOXY-2H-1-BENZOPYRAN-3-YL METHYL see: DJ2115000
KETONE, 6-METHOXY-2H-1-BENZOPYRAN-3-YL METHYL see: DJ2120000
KETONE, 7-METHOXY-2H-1-BENZOPYRAN-3-YL METHYL see: DJ2125000
KETONE, 8-METHOXY-2H-1-BENZOPYRAN-3-YL METHYL see: DJ2130000

OB4571080 KETONE, 5-METHOXY-1H-INDOL-3-YL 4-PIPERIDYLMETHYL, MONOHYDROCHLORIDE
UPDT 8311 CAS: 63845-31-8 MW: 308.84 MOLFM: C16-H20-N2-O2 Cl-H
SYN: ETHANONE, 1-(5-METHOXY-1H-INDOL-3-YL)-2-(4-PIPERIDINYL)-, MONOHYDROCHLORIDE (9CI) * (5-METHOXY-3-INDOLYL)-(4-PIPERIDYL-METHYL)-KETON HYDROCHLORID (German)
TOXICITY DATA AND REFERENCES:
2F03F17 ivn-mus LD50:44 mg/kg GWXXBX #2618152

OB4583000 KETONE, 10-(3-(4-METHOXYPIPERIDINO)PROPYL)PHENOTHIAZIN-2-YL METHYL
UPDT 8308 MW: 396.59 MOLFM: C23-H28-N2-O2-S
SYN: 10-(3-(4-METHOXYPIPERIDINO)PROPYL)PHENOTHIAZIN-2-YL METHYL KETONE
TOXICITY DATA AND REFERENCES:
1F25 scu-mus LD50:2000 mg/kg AIPTAK 149,374,64

OB4584000 KETONE, 10-(3-(4-METHOXYPIPERIDINO)PROPYL)PHENOXAZIN-2-YL METHYL
UPDT 8308 MW: 380.53 MOLFM: C23-H28-N2-O3
SYN: 10-(3-(4-METHOXYPIPERIDINO)PROPYL)PHENOXAZIN-2-YL METHYL KETONE
TOXICITY DATA AND REFERENCES:
1F25 scu-mus LD50:900 mg/kg AIPTAK 149,374,64

KETONE, 2-METHYLCYCLOHEXYL 4-METHYLPIPERIDINO see: TN1277000
KETONE, METHYL ISOAMYL see: MP3850000
KETONE, METHYL ISOPROPENYL see: EN0175000

OB4960000 KETONE, METHYL 10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZIN-2-YL
UPDT 8309 CAS: 1053-74-3 MW: 381.58 MOLFM: C22-H27-N3-O-S
SYN: 3-ACETYL-10-(3-N-METHYL-PIPERAZINO-N'-PROPYL)PHENOTHIAZIN * METHYL 10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZIN-2-YL KETONE
TOXICITY DATA AND REFERENCES:
1F12 orl-rat LD50:650 mg/kg AIPTAK 115,1,58
1F12 ivn-mus LD50:87500 ug/kg AIPTAK 115,1,58

OB4970000 KETONE, METHYL 10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZIN-2-YL, DIMALEATE
UPDT 8305 MW: 613.74 MOLFM: C22-H27-N3-O-S 2C4-H4-O4
SYN: METHYL 10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZIN-2-YL KETONE DIMALEATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:650 mg/kg AIPTAK 123,78,59
* ivn-mus LD50:88 mg/kg AIPTAK 123,78,59

OB4972000 KETONE, METHYL 5-METHYL-2-THIENYL
UPDT 8311 MW: 140.21 MOLFM: C7-H8-O-S
SYN: METHYLTHIENYLCETONE (French)
TOXICITY DATA AND REFERENCES:
2F12J30 ipr-mus LD50:230 mg/kg APFRAD 5,16,47

OB4975000 KETONE, METHYL 10-(3-MORPHOLINOPROPYL)PHENOTHIAZIN-2-YL
UPDT 8309 MW: 368.53 MOLFM: C21-H24-N2-O2-S
SYN: 3-ACETYL-10-(3'-MORPHOLINOPROPYL)PHENOTHIAZIN * METHYL 10-(3-MORPHOLINOPROPYL)PHENOTHIAZIN-2-YL KETONE
TOXICITY DATA AND REFERENCES:
1F12 orl-rat LD50:2500 mg/kg AIPTAK 115,1,58
1F12 ivn-mus LD50:164 mg/kg AIPTAK 115,1,58

OB4980000 KETONE, METHYL 10-(3-MORPHOLINOPROPYL)PHENOTHIAZIN-2-YL, FUMARATE
UPDT 8305 MW: 484.61 MOLFM: C21-H24-N2-O2-S C4-H4-O4
SYN: METHYL 10-(3-MORPHOLINOPROPYL)PHENOTHIAZIN-2-YL KETONE FUMARATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2500 mg/kg AIPTAK 123,78,59
* ivn-mus LD50:164 mg/kg AIPTAK 123,78,59

KETONE, METHYL 2-NAPHTHYL see: AL2988000

OB5010000 KETONE, METHYL 5-NITRO-2-FURYL, SEMICARBAZONE
UPDT 8406 CAS: 5407-70-5 MW: 212.19 MOLFM: C7-H8-N4-O4
SYN: METHYL 5-NITRO-2-FURYL KETONE SEMICARBAZONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2000 mg/kg JAPMA8 39,313,50

OB5030000 KETONE, METHYL (4-NITRO-2-PYRROLYL)
UPDT 8401 CAS: 32116-24-8 MW: 154.14 MOLFM: C6-H6-N2-O3
SYN: 2-ACETYL-4-NITROPYRROLE * PYRROLE, 2-ACETYL-4-NITRO-
MUTATION DATA AND REFERENCES:
mmo-sat 2500 ng/plate CNREA8 35,3611,75
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

OB5035000 KETONE, METHYL (5-NITRO-2-PYRROLYL)
UPDT 8401 CAS: 32116-25-9 MW: 154.14 MOLFM: C6-H6-N2-O3
SYN: 2-ACETYL-5-NITROPYRROLE * PYRROLE, 2-ACETYL-5-NITRO-
MUTATION DATA AND REFERENCES:
mmo-sat 5 ug/plate CNREA8 35,3611,75
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

OB5040000 KETONE, METHYL (5-NITRO-2-THIENYL)
UPDT 8403 CAS: 39565-00-9 MW: 155.18 MOLFM: C6-H5-N-O2-S
SYN: 2-ACETYL-5-NITROTHIOPHENE * ETHANONE, 1-(5-NITRO-2-THIENYL)- (9CI) * THIOPHENE, 2-ACETYL-5-NITRO-
MUTATION DATA AND REFERENCES:
mmo-sat 2500 ng/plate CNREA8 35,3611,75
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

KETONE, METHYL PENTYL see: MJ5075000
KETONE, METHYL PHENYL see: AM5250000

OB5294000 KETONE, METHYL 10-(3-PIPERIDINOPROPYL)PHENOTHIAZIN-2-YL
UPDT 8308 MW: 366.56 MOLFM: C22-H26-N2-O-S
SYN: METHYL 10-(3-PIPERIDINOPROPYL)PHENOTHIAZIN-2-YL KETONE
TOXICITY DATA AND REFERENCES:
1F25 scu-mus LD50:82 mg/kg AIPTAK 149,374,64

OB5296000 KETONE, METHYL 10-(3-PIPERIDINOPROPYL)PHENOXAZIN-2-YL
UPDT 8308 MW: 350.50 MOLFM: C22-H26-N2-O2
SYN: METHYL 10-(3-PIPERIDINOPROPYL)PHENOXAZIN-2-YL KETONE
TOXICITY DATA AND REFERENCES:
1F25 scu-mus LD50:820 mg/kg AIPTAK 149,374,64

OB5302000 KETONE, 1-METHYL-3-PIPERIDYL PIPERIDINO
UPDT 8306 MW: 210.36 MOLFM: C12-H22-N2-O
SYN: 1-METHYL-3-(PIPERIDINOCARBONYL)PIPERIDINE * 1-METHYL-3-PIPERIDYL PIPERIDINO KETONE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:680 mg/kg CPBTAL 21,1,73

OB5310000 KETONE, METHYL 2-PYRIDYL
UPDT 8402 CAS: 30440-88-1 MW: 121.15 MOLFM: C7-H7-N-O
SYN: ACETYLPYRIDINE * 2-ACETYLPYRIDINE * FEMA 3251 * 1-PYRIDINYLETHANONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2280 mg/kg FCTXAV 13,487,75

OB6005000 KETONE, METHYL TETRAHYDRO-5-HYDROXY-4-METHYL-3-FURYL
UPDT 8408 CAS: 27098-03-9 MW: 144.17 MOLFM: C7-H12-O3
SYN: BOTRYODIPLODIN * (-)-BOTRYODIPLODIN * ETHANONE, 1-(TETRAHYDRO-5-HYDROXY-4-METHYL-3-FURANYL)- (9CI) * 2-HYDROXY-3-METHYL-4-ACETYLTETRAHYDROFURANE
MUTATION DATA AND REFERENCES:
mmo-sat 5 ug/plate ENMUDM 3,287,81
mma-sat 5 ug/plate ENMUDM 3,287,81
dns-hmn:fbr 10 umol/L CRNGDP 5,907,84
dns-rat:lvr 10 umol/L CRNGDP 5,907,84
dni-rat:lvr 10 umol/L CBINA8 37,155,81
oms-rat:lvr 10 umol/L CBINA8 37,155,81
sce-ham:lng 300 ug/L CRNGDP 3,587,82

KETONE, METHYL VINYL see: EM9800000

OB6376000 KETONE, 1-PHENETHYL-3-PIPERIDYL PIPERIDINO
UPDT 8306 MW: 300.49 MOLFM: C19-H28-N2-O
SYN: 1-PHENETHYL-3-(PIPERIDINOCARBONYL)PIPERIDINE * 1-PHENETHYL-3-PIPERIDYL PIPERIDINO KETONE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LC50:148 mg/kg CPBTAL 21,1,73

BEST COP [illegible] LE

OB6398700 KETONE, PHENYL 3-(PIPERIDINOMETHYL)-1,4-BENZODIOXAN-6-YL, HYDROCHLORIDE
UPDT:8303 MW: 373.91 MOLFM: C21-H23-N-O3 Cl-H
SYN: CHLORHYDRATE de PIPERIDINOMETHYL-2 BENZOYL-7 BENZODIOXANNE 1,4 (French) * CT 3570 * PHENYL 3-(PIPERIDINOMETHYL)-1,4-BENZODIOXAN-6-YL KETONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:400 mg/kg AIPTAK 135,462,62

OB6398900 KETONE, PHENYL 1-(2-PIPERIDINOPROPYL)PYRROL-2-YL, CITRATE
UPDT:8308 MW: 488.59 MOLFM: C19-H24-N2-O C6-H8-O7
SYN: 1-(2-(2-BENZOYL-1-PYRROLIDINYL)-1-METHYLETHYL)PIPERIDINE CITRATE
TOXICITY DATA AND REFERENCES:
3A11F07J30 ivn-mus LD50:17 mg/kg CHTPBA 1,127,66

OB6406000 KETONE, PHENYL 3-PYRIDYL, O-(2-DIMETHYLAMINO)ETHYL) OXIME, SESQUIOXALATE, HEMIHYDRATE
UPDT:8407 MW: 437.42 MOLFM: C18-H19-N3-O 3/2C2-H2-O4 1/2H2-O
SYN: PYRIDINE, 3-BENZOYL-, O-(2-(DIMETHYLAMINO)ETHYL) OXIME, SESQUIOXALATE, HEMIHYDRATE
TOXICITY DATA AND REFERENCES:
3F17F19F25 unk-mus LD50:160 mg/kg PCJOAU 12,464,78

OB6410000 KETONE, PHENYL VINYL
UPDT:8401 CAS: 768-03-6 MW: 132.17 MOLFM: C9-H8-O
SYN: ACRYLOPHENONE * PHENYLVINYL KETONE * 2-PROPENOPHENONE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:2520 mg/kg/63W-I BJCAAI 19,392,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OB6420000 KETONE, PIPERIDINO 3-PIPERIDYL
UPDT:8306 MW: 196.33 MOLFM: C11-H20-N2-O
SYN: PIPERIDINE, 1-(3-PIPERIDYL)CARBONYL- * 3-(PIPERIDINOCARBONYL)PIPERIDINE * PIPERIDINO 3-PIPERIDYL KETONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:495 mg/kg CPBTAL 21,1,73

KETONE PROPANE see: AL3150000

OB6465000 KETONE, 3-PYRIDYL 3-(N-METHYL-N-NITROSAMINO)PROPYL
UPDT:8408 MW: 207.26 MOLFM: C10-H13-N3-O2
SYN: 4-(N-METHYL-N-NITROSAMINO)-1-(3-PYRIDYL)-1-BUTANONE * 4-(N-METHYL-N-NITROSOAMINO)-4-(3-PYRIDYL)-1-BUTANONE * N-METHYL-N-NITROSO-4-OXO-4-(3-PYRIDYL)BUTYL AMINE * 4-(NITROSOAMINO-N-METHYL)-1-(3-PYRIDYL)-1-BUTANONE * 4-(N-NITROSO-N-METHYLAMINO)-1-(3-PYRIDYL)-1-BUTANONE * NNK
MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate CRNGDP 4,305,83
TUMORIGENIC DATA AND REFERENCES:
3V01D09L60 scu-rat TDLo:2710 mg/kg/20W-I CNREA8 40,298,80
2V02J60 ipr-mus TDLo:880 mg/kg/I IARCCD 19,395,78
3V01D09J60 scu-ham TDLo:1504 mg/kg/25W-I IAPUDO 41,309,82
2V02J60 ipr-mus TDLo:880 mg/kg/7W-I JNCIAM 60,819,78
3V02D09J60 scu-ham TDLo:93 mg/kg CRNGDP 4,1287,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OB6555000 KETONE, 5-(p-TOLUOYL)BENZOFURAN-5-YL HYDROPEROXYMETHYL
UPDT:8306 MW: 322.33 MOLFM: C19-H14-O5
SYN: 5-(p-TOLUOYL)BENZOFURAN-5-YL HYDROPEROXYMETHYL KETONE
TOXICITY DATA AND REFERENCES:
2F29Y55 orl-mus LD50:600 mg/kg RPTOAN 45,86,82

4-KETONIRIDAZOLE see: MU3980000
KETONOX see: EL9470000
KETOPENTAMETHYLENE see: GY4725000
7-KETOPREGNENOLONE see: TU5072000
KETOPROFEN see: UE7570000
11-KETO-delta(sup 6)-PROGESTERONE see: RC8899520
KETOPRON see: UE7570000
beta-KETOPROPANE see: AL3150000
1-KETOPROPIONALDEHYDE see: UZ0700000
2-KETOPYRROLIDINE-1-YLACETAMIDE see: UX9660500
2-KETO-4-QUINAZOLINONE see: VA1390000
KETOSCILIUM see: YM3770000
4-KETOSTEARIC ACID see: WI4570000
L-3-KETOTHREOHEXURONIC ACID LACTONE see: CI7650000
KETOTIFEN FUMARATE see: DE8260000
8-KETOTRICYCLO(5.2.1.0(sup 2,6))DECANE see: PC0350000
2-KETO-1,7,7-TRIMETHYLNORCAMPHANE see: EX1225000
4-KETOVALERIC ACID see: OI1575000
gamma-KETOVALERIC ACID see: OI1575000
KETOVALERYL ACETATE see: SA9090000 2-PENTANONE, 5-HYDROXY-, ACETATE
KETOXAL see: EL8550000
KEU, saponins see: VQ1500000 SAPONINS, from rhizomes of COSTUS SPECIOSUS (Koen) Sm
KEUTEN see: QK1445000
KEVADON see: TI4375000
KEWDA ETHER see: KO2230000
KEYPYRONE see: PB1300000
KEY-SERPINE see: ZG0350000
KEY-TUSSCAPINE see: RD2625000
KEY-TUSSCAPINE HYDROCHLORIDE see: NP7225000
K-FLEBO see: CI9479000
K-FLEX DP see: UB8787500
KFS see: YU1610000
K-GRAN see: TS7750000
KH 360 see: XR2275000
KHAJA EXTRACT (Indian) see: EE4980000
KHAJA STEM BARK EXTRACT (Indian) see: EE4965000
KHAMALU RHIZOME EXTRACT (Indian) see: JG5786500
KHAROPHEN see: CF8400000
KHARSIVAN see: SJ7175000
KHARSOO STEM BARK EXTRACT (Indian) see: UZ6260000
KHATUNA EXTRACT (Indian) see: VJ0588000
KHATWA EXTRACT (Indian) see: CR5650000
KHE 0145 see: FB7880000
KHELANGIN see: LV1050000
KHELFREN see: LV1050000
KHELISEM see: LV1050000
KHELL see: LV1050000
KHELLAMINE see: LV1050000
KHELLANALS see: LV1050000
KHELLIN see: LV1050000
KHELLINORM see: LV1050000
KHELLOYD see: LV1050000
KHET PAPRA EXTRACT (Indian) see: RJ8676000
KHIMCOCCID see: ME8650000
KHIMCOECID see: ME8650000
KHIMKOKTSID see: ME8650000
KHIMKOKTSIDE see: ME8650000
KHINGAMIN see: VB2450000
KHINOTILIN see: VC3656000
KHIRNI EXTRACT (Indian) see: OP1944000
KHLADON 114B2 see: KH9370300
KHLORAKON see: UE3150000
KHLORTRIANIZEN see: KV0600000
Kh15N55M16 see: GF9180000
Kh15N55M16V see: GF9180000
KHOIDOI EXTRACT (Indian) see: CE0190000
KHOKARAY EXTRACT (Indian) see: FI3519000
KHP 2 see: BD1200000
KHS 010 see: KV0350000
KHSE 3 see: KV0350000
KHURASANI EXTRACT (Indian) see: SB0590000
K-IAO see: LZ5230000
KIATRIUM see: DF1575000

OB8615050 KICKXIA RAMOSISSIMA Wall., extract
DEF: Indian plant belonging to the family SCROPHULARIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:550 mg/kg IJEBA6 16,228,78

KIDOLINE see: DO2625000
KIDROLASE see: CI9000000
KIESELGUHR see: VV7309000
KIESELSAURE (German) see: VV8850000
KIESERITE see: OM4510000
KIEZELFLUORWATERSTOFZUUR (Dutch) see: VV8225000

OB8650500 KIJANIMICIN
UPDT:8408 CAS: 78798-08-0 MW: 1317.69 MOLFM: C67-H100-N2-O24
TOXICITY DATA AND REFERENCES:
1K17 ipr-rat LD50:125 mg/kg TOXID9 4,6,84
1K17 ipr-mus LD50:170 mg/kg TOXID9 4,6,84

KILAK, extract (Indian) see: TH6600000 PHRAGMITES MAXIMA (Forsk.) Blatt. & McC., extractexcluding roots
KILCOP 53 see: GL8800000
KILDIP see: UF1050000
KILEX see: GL7020000
KILEX 3 see: AJ8485000
KILL-ALL see: CG3675000
KILLAX see: UX6825000
KILLEEN see: FI0700000
KILL KANTZ see: YT9275000
KILLVERMYL see: XP2610000
KILMAG see: CG0830000
KILMITE 40 see: UX6825000
KILOSEB see: SJ9800000
KILPROP see: UE9750000
KILRAT see: ZH4900000
KILSEM see: AG1575000
KILVAL see: TF7900000
KIMAVOXYL see: FB2710000
KINADEN see: MT7260000

OB8880000 KINASE (ENZYME-ACTIVATING), STREPTO-
UPDT:8309 CAS: 9002-01-1
SYN: AWELYSIN * KABIKINASE * STREPTASE * STREPTOCOCCAL FIBRINOLYSIN * STREPTOKINASE
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:2 gm/kg FATOAO 43,671,80
* ipr-mus LD50:4200 mg/kg FOMEAW 103,445,76
* ivn-mus LD50:3700 mg/kg FATOAO 43,671,80

KINAVOSYL see: TZ1225000
KINEKS see: WP0400000
KINETIN (enzyme) see: MT7260000
KINETIN-SCHERING see: MT7260000
KINEX see: WP0400000
KING'S GOLD see: CG2638000
KING'S GREEN see: GL6475000
KING'S YELLOW see: GB2975000
KING'S YELLOW see: CG2638000

OB9060000 KINKASEKI (COPPER ORE)
UPDT:8402
SYN: COPPER ORE, ARSENIC CONTG. * COPPER ORE (KINKASEKI)
TUMORIGENIC DATA AND REFERENCES:
2V03J60 itr-rat TDLo:150 mg/kg/15W-I EVHPAZ 19,191,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

KINOPRENE see: JR1760000
KINOTOMIN see: UY0704600
KINUBON see: US8010000
KIPCA, OIL SOLUBLE see: QL9100000
KIRAYA EXTRACT (Indian) see: MH4388000
KIRESUTO B see: AH4375000
KIRKIT EXTRACT (Indian) see: AA7686000
KIRKSTIGMINE BROMIDE see: BR3150000
KIRKSTIGMINE METHYL SULFATE see: CY1225000
alpha-KIRONDRIN see: ET4730500
beta-KIRONDRIN see: ET4730500
KIR RICHTER see: YN5080000
KIRROMYCIN see: QA2805000
KIRTICOPPER see: GL7000000
KITASAMYCIN see: WG9400000
KITASAMYCIN TARTRATE see: OH4730500
KITAZIN see: TE6500000
KITAZIN P see: TE6550000
KITINE see: ZG0350000
KITON BLUE AR see: BQ4550000
KITON CRIMSON 2R see: QK1925000
KITON FAST ORANGE G see: QJ6500000
KITON FAST YELLOW A see: DB5042500
KITON GREEN F see: BQ4375000
KITON GREEN FC see: BQ4375000
KITON GREEN S see: BQ1150000
KITON ORANGE II see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
KITON ORANGE MNO see: DB7329500
KITON PONCEAU R see: QJ6825000
KITON PONCEAU 2R see: QJ6825000
KITON PURE BLUE L see: BQ4550000
KITON PURE BLUE V see: BP6830000

KITON PURE BLUE V.FQ see: BP6830000
KITON RED G see: QJ6030000
KITON RED 2G see: QJ6030000
KITON RUBINE R see: QK1925000
KITON RUBINE S see: QJ6550000
KITON SCARLET 4R see: QJ6530000
KITON SCARLET 2RC see: QJ6825000
KITON VIOLET 4BNS see: BQ1140000
KITON YELLOW MS see: DB7329500
KITON YELLOW T see: UQ6400000
KIVATIN see: BP8249200
KIWI LUSTR 277 see: DV5775000
K. IXINA see: EU9500000
KJT see: AT6970000
KL-001 see: DE9800000
KL 373 see: TN3675000
KLAVI KORDAL see: QX2100000
KLEANROL see: ZG9150000
KLEBCIL see: NZ3225030
KLEER-LOT see: XZ3850000
KLEESALZ (German) see: RO3600000
KLEGECELL see: KV0350000

OC2026020 KLEINHOVIA HOSPITA Linn., extract excluding roots
DEF:Indian plant belonging to the family STERCULIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

KLERAT see: GN4934750
KLIMANOSID see: ZG0350000
KLIMORAL see: KG8225000
KLINGTITE see: QJ0875000
KLINIT see: ZF0800000
KLION see: NI5600000
KLOBEN see: YS3810000
KLOBEN NEBURON see: YS3810000
KLOFIRAN see: UE9480000
K-LOR see: TS8050000
KLOREX see: FO0525000
KLORINOL see: KM4800000 ETHANOL, 2-(2,4,5-TRICHLOROPHENOXY)-
KLORITA see: AB6825000
KLOROCID S see: AB6825000
KLOROKIN see: VB2360000
KLORPROMAN see: SO1750000
KLORPROMEX see: SO1750000
KLORT see: TZ0175000
KLOT see: SG1225000
KLOTRIX see: TS8050000
K-LOX see: KL9282000
KLT 40 see: TR2725000
KLUCEL see: NF9050000
K-LYTE/Cl see: TS8050000
KM see: WK1962000
KM see: WL6475000
KM 2 see: YU1610000
4K-2M see: AG1575000
KM-208 see: RN8763000
KM-1146 see: XJ6267000
K582M-A see: YP2293000
KM (the ANTIBIOTIC) see: WK1962000
KMH see: UR5950000
KM (POLYMER) see: WL6475000
KM 2 (POLYMER) see: YU1610000
KMTs 212 see: FJ5950000
KMTs 300 see: FJ5950000
KMTs 500 see: FJ5950000
KMTs 600 see: FJ5950000
K1-N see: TT2975000
K 120 N see: TR0400000
KNEE PINE OIL see: TK5500000

OC2815200 KNEMA ATTENUATA (Wall.) Warb., extract excluding roots
DEF:Indian plant belonging to the family MYRISTICACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: RANJAIPHAL EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 11,43,73

OC2815300 KNEMA HOOKERIANA, leaf and stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg CPBTAL 13,882,65

KNITTEX LE see: NJ0607000
KNITTEX TC see: YU1610000
KNITTEX TS see: YU1610000
KNOCKMATE see: NO8750000
KNOLLIDE see: TT2975000

OC2883000 KNOXIA CORYMBOSA Willd., extract
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:250 mg/kg IJEBA6 15,208,77

OC2885000 KNOXWEED
UPDT:8309 CAS: 8011-60-7 MW: 522.63 MOLFM: C16-H22-Cl2-O3 C9-H19-N-O-S
TOXICITY DATA AND REFERENCES:
* orl-mam LD50:2710 mg/kg FMCHA2 -,C137,83

KO 7 see: GN0231000
KO 08 see: JT6485000
KO 1173 see: KR9310000
KO 1313 see: DI4610000
KO 1366 see: DI2530000
KOBALT (German, Polish) see: GF8750000
KOBALT CHLORID (German) see: GF9800000
KOBAN see: XI3875000
KOBASIC see: GL8800000
KOBU see: DA6650000
KOBUTOL see: DA6650000

OC2990000 KOCHIA TRICHOPHYLLA Voss., extract
DEF:Indian plant belonging to the family CHENOPODIACEAE (IJEBA6 11,43,73)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

KOCHINEAL RED A FOR FOOD see: QJ6530000
KOCIDE see: GL7600000
KOCIDE see: WS4250000
KOCIDE 101 see: GL7600000
KOCIDE 220 see: GL7600000
KOCIDE 404 see: GL7600000
KOCIDE SD see: GL7600000
KO 1366-CL see: DI2540000
KODAFLEX see: ET7350000
KODAFLEX DBS see: VS1150000
KODAFLEX DOA see: AU9700000
KODAFLEX DOP see: TI0350000
KODAFLEX TRIACETIN see: AK3675000
KODAIVELLAM EXTRACT (Indian) see: AA7686500
KODAK LR 115 see: QW0970000
KODOCYTOCHALASIN 2 see: HA5320000
KODWA EXTRACT (Indian) see: VL2460000
KOE 1366 CHLORIDE see: DI2540000
KOE 1173 HYDROCHLORIDE see: KR9310000
KOHINER R 687 see: KV0350000
KOHLENDISULFID (SCHWEFELKOHLENSTOFF) (German) see: FF6650000
KOHLENMONOXID (German) see: FG3500000
KOHLENSAURE (German) see: FF6400000
KOILERA EXTRACT (Indian) see: OH2672000
KOJIC ACID see: UQ0875000
KOKAIN see: YM2800000
KOKAN see: YM2800000
KOKAYEEN see: YM2800000
KOKOTINE see: GV4900000
KOLCHAMIN see: GH0800000
KOLKAMIN see: GH0800000
KOLKLOT see: QL9100000
KOLLERDORMFIX see: CQ2980000
KOLLIDON see: TR8370000
KOLLIDON 17 see: TR8370000
KOLLIDON 25 see: TR8370000
KOLLIDON 30 see: TR8370000
KOLOFOG see: WS4250000
KOLOSPRAY see: WS4250000
KOLPHOS see: TF4550000
KOLPON see: KG8575000
KOLTON see: XH5085000
KOMBETIN see: WL1180000
KOMBIQUENS see: TU4140000

OC3475000 KOMEEN
UPDT:8309 CAS: 52769-67-2
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:750 mg/kg FMCHA2 -,C137,83

KOMPLEXON see: AH5075000
KONDREMUL see: PY8030000
KONESTA see: AJ7875000
KONJI EXTRACT (Indian) see: MD1620300
KONLAX see: WN0525000
KONTRAST-U see: PB2250000
KOOLMONOXYDE (Dutch) see: FG3500000
KOOLSTOFDISULFIDE (ZWAVELKOOLSTOF) (Dutch) see: FF6650000
KOOLSTOFOXYCHLORIDE (Dutch) see: SY5600000
KOOST see: GN1775000
KOOT see: GN1775000
KOPFUME see: KH9275000
KOP KARB see: GL6910000
KOPLEN 2 see: WL6475000
KOP-MITE see: DD2275000
KOPOLYMER BUTADIEN STYRENOVY (Czech) see: WL6478000
KOPREZ 87-110 see: YU1610000
KOPROSTERIN (German) see: FZ6350000

OC3598000 KOPSIA FRUTICOSA A. DC., root extract
DEF:Indian plant belonging to the family APOCYNACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:681 mg/kg IJEBA6 18,594,80

KOPSOL see: KJ3325000
KOP-THIODAN see: RB9275000
KOP-THION see: WM8400000
KORAD see: TR0400000
KORAX see: TX5075000
KORAZOL see: XF8225000
KORAZOLE see: XF8225000
KORBUTONE see: TU3805000
KORDIAMIN see: QS4375000
KOREON see: QO6800000
KORGLYKON see: GL4025000
KORIUM see: SM0175000
KORLAN see: TG0525000
KORLANE see: TG0525000
KORMOGRIZEIN see: ME3609000
KOROSEAL see: KV0350000
KORO-SULF see: WO9100000
KOROTRIN see: MD6953000
KORUM see: AE4200000
KORUND see: GN0231000
KOSATE see: WN0525000
KOSHLAND'S REAGENT II see: XS7966500
KOST see: GN1775000
KOSTIL see: AT6978000
KOSTIL 235 see: AT6978000
KOSTIL AN (ATX) 2010 see: AT6978000
KOSUM EXTRACT (Indian) see: VR1780000
K-OTHRIN see: GZ1233000
K-OTHRINE see: GZ1231000
KOTION see: TG0350000
KOTOL see: GV4950000

OC4955000 KOTORAN
UPDT:8309
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1450 mg/kg FATOAO 35,352,72
2F07F13 orl-mus LD50:1465 mg/kg 17QLAD 12,85,77

KOWEFIN see: VO0780000
KOYOSIDE see: WA9625000

KP 2 see: DA6650000
KP 140 see: KJ9800000
K-PIN see: TJ7525000
K. PNEUMONIAE ENDOTOXIN see: JZ2685000
K 17(POLYMER) see: YU1610000
K-POOL see: KL9282000
K-PREDNE-DOME see: TS8050000
K PREPARATION see: LQ7700000
06K-QUINONE see: QL7350000
KR 800 see: KV0350000
KR 2537 see: WL6475000
KRALAC 1155 see: AT6978000
KRALASTIC see: AT6970000
KRALASTIC 2997 see: AT6970000
KRALASTIC 3100 see: AT6970000
KRALASTIC 3273 see: AT6970000
KRALASTIC K 2540 see: AT6970000
KRALASTIC K 3141 see: AT6970000
KRALASTIC K 3170 see: AT6970000
KRALASTIC K 3282 see: AT6970000
KRALASTIC MH see: AT6970000
KRALASTIC MHB see: AT6970000
KRALASTIC MM 1801 see: AT6970000
KRALASTIC MV see: AT6970000
KRALASTIC SR 1801 see: AT6970000
KRALASTIC SRB see: AT6970000
KRALASTIC SRS see: AT6970000
KRALASTIC W see: AT6970000
KRALON see: AT6970000
KRAMERIA IXINA see: EU9500000
KRAMERIA TRIANDRA see: VI0600000
KRASTEN 1.4 see: WL6475000
KRASTEN 052 see: WL6475000
KRASTEN SB see: WL6475000
KRATEDYN see: KB0700000

OC5151000 KRAYSTAY
UPDT:8411 CAS: 8038-11-7
TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:250 mg/kg JAPMAB 45,685,56
KREBON see: DU1135000
KRFCALVIN see: TC0350000
KREGASAN see: JO1400000
KRENITE see: OC5180000

OC5180000 KRENITE BRUSH CONTROL AGENT
DEF:A liquid containing 41.5% AMMONIUM ETHYL CARBAMOYLPHOSPHONATE (FMCHA2 -,C110,83)
UPDT:8310
SYN: AMMONIUM ETHYL CARBAMOYLPHOSPHONATE solution * DPX 1108 * FOSAMINE AMMONIUM * KRENITE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:24 gm/kg FMCHA2 -,C110,83
KRENITE (OBS.) see: GO9625000
KRESAMONE see: GO9625000
KRESIDIN see: BZ6720000
m-KRESOL see: GO6125000
o-KRESOL (German) see: GO6300000
p-KRESOL see: GO6475000
KRESOLE (German) see: GO5950000
KRESOLEN (Dutch) see: GO5950000
o-KRESOL-GLYCERINAETHER (German) see: TZ1225000
KRESOXYPROPANDIOL see: TZ1225000

OC5680300 KRESTIN
UPDT:8404 CAS: 75496-33-2
SYN: POLYSACCHARIDE-K * PS-K
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:200 gm/kg 85GDA2 1,62,80
* ivn-mus LD50:700 mg/kg 85GDA2 1,62,80
KREZIDINE see: BZ6720000
KREZOL (Polish) see: GO5950000
KREZONE see: AG1575000
KREZOTOL 50 see: GO9625000
KRINO B 15 see: AG6475000
KRINOCORTS see: HG0525000
KRIPLEX see: AG6330000
KRIPTIN see: UT0875000
KRISHNA-NEEL EXTRACT (Indian) see: BV5611800
KRISTALLOSE see: DE4550000
KRISTALL-VIOLETT (German) see: BO9000000
KRMD 58 see: FO0175000
KRO 1 see: WL6478000
KRO 2 see: WL6478000

OC6230000 KROMAD
DEF:Contains 5% CADMIUM SEBACATE, 5% POTASSIUM CHROMATE, 1% MALACHITEGREEN and 16% THIRAM(FMCHA2 -,C137,83)
UPDT:8310
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:400 mg/kg FMCHA2 -,C137,83
* skn-rbt LD50:1 gm/kg FMCHA2 -,C137,83
REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 DTLVS* 4,59,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
KROMAL VIOLET R see: GE4518000
KROMFAX SOLVENT see: KM2975000
KROMON GREEN B see: XU5250000
KROMON HELIO FAST RED see: QK4247000
KROMON HELIO FAST RED YS see: QK4247000
KROMON LAKE ORANGE TONER see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
KROMON RED R see: QL3436000
KROMON YELLOW GXT CONC see: AK4580000
KROMON YELLOW MTB see: AK4580000
KRONISOL see: TI0175000
KRONITEX see: TD0175000
KRONITEX TOF see: MP0770000
KRONOS see: XR2275000
KRONOS TITANIUM DIOXIDE see: XR2275000
KROTENAL see: JO1225000
KROTILINE see: AG6825000
KROVAR II see: YQ9100000
KRUMKIL see: GN4850000
KRYNAC 900X1 see: AT6970000
KRYOCIDE see: WA9625000
KRYOGENIN see: FD0575000
KRYOLITH (German) see: WA9625000

OC6772500 KRYPTON
UPDT:8401 CAS: 7439-90-9 MW: 83.80 MOLFM: Kr
SYN: KRYPTON, compressed (DOT) * KRYPTON, refrigerated liquid (DOT) * UN 1056 (DOT) * UN 1970 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
KRYPTON, compressed (DOT) see: OC6772500
KRYPTON, refrigerated liquid (DOT) see: OC6772500
KRYSID see: YT9275000
KRYSID PI see: YT9275000
KRYSTALLIN see: BW6650000
KRZEWOTOKS see: AJ8485000
KRZEWOTOX see: AJ8485000
KS4 see: AU1660000
KS-4 see: OF7525000
KS 11 see: YU1610000
KS-33 see: SP0875000
KS 35 see: YU1610000
KhS 596 see: KV9750000
KS 1675 see: HQ4260000
KSD 2405 see: CL5493000
KS 68M see: YU1610000
KS-M 0.3P see: YU1610000
KS 30P see: TQ9800000
K-STROPHANTHIDIN see: FH5425000
K-STROPHANTHIN-alpha see: GZ5600000
KSYLEN (Polish) see: ZE2100000
KT 35 see: GL7020000
K-TEA see: KL9282000
KTS (pharmaceutical) see: ES2450000
KU 10 see: GN0231000
KU 5-3 see: GN0231000
KU-54 see: CV5792600 BENZAMIDE, N-(3-PIPERIDYL)-3,4,5-TRIMETHOXY-
KUBACRON see: DK8925000
KUBARSOL see: CF8400000
KU 13-032-C see: WO6475000
KUE 2079A see: YS4727000
KUE 13032c see: WO6475000
KUEMMEL OIL (German) see: EY6300000
KUKOLINE see: QD2170000
KUKRONDA EXTRACT (Indian) see: TP3905900
KUKUR-THOTNIA EXTRACT (Indian) see: TQ9305000
KULANJAN, rhizome extract see: BC9487000 ALPINIA GALANGA Willd., rhizome extract
KULFA SEED EXTRACT see: TS5616000
KUMADER see: GN4550000
KUMADU see: GN4550000
KUMBAR EXTRACT (Indian) see: DT8550000
KUMBHI EXTRACT (Indian) see: FH8400400
KUMIAI see: FC8050000
KUMORAN see: GN7875000
KUMULAN see: NT2545000
KUMULUS see: WS4250000
KUNDROO ROOT EXTRACT (Indian) see: GG4950000
KUPFERRON (Czech) see: NC4725000
KUPFERSULFAT (German) see: GL8900000
KUPFERSULFAT-PENTAHYDRAT (German) see: GL8900000
KUPFERVITRIOL (German) see: GL8900000
KUPRABLAU see: GL7600000
KUPRATSIN see: ZH3325000
KUPRICOL see: GL7020000
KUPRIKOL see: GL7020000
KUPRITE see: GL8050000
KUR see: GN1775000
KURALON VP see: TR8100000
KURAN see: UF8225000
KURARASUTIKU K 3119 see: AT6970000
KURARE OM 100 see: AK0920000
KURARE POVAL 1700 see: TR8100000
KURARE PVA 205 see: TR8100000
KURATE POVAL 120 see: TR8100000
KURDU EXTRACT (Indian) see: LX2820000
KUREHALON AO see: KV9750000
KUREHA S 901 see: KV0350000
KURON see: UF8225000
KUROSAL see: UF8225000
KUROSAL G see: UF8225000
KUROSAL SL see: UF8225000
KUSAGARD see: GU8390000
KUSA-TOHRU see: FO0525000
KUSATOL see: FO0525000
KUSHTHA see: GN1775000
KUSNARIN see: QN2885000
KUST, saponins see: VQ1500000 SAPONINS, from rhizomes of COSTUS SPECIOSUS (Koen) Sm
KUSTA see: GN1775000
KUTH see: GN1775000
KVK 733059 see: XK8150000
KW-066 see: YV7876000
KW 110 see: BD1280000
KW-125 see: AV9800000
06K-50W see: QL7350000
KW-1062 see: WK2180000
KW-1070 see: NM7521490
KW-5338 see: DE2275900
KWARPATTA EXTRACT (Indian) see: LF2200000
KWAS 2-ACETAMINO-4-p-CHLOROFENYLO-TIAZOLO-5-OCTOWY (Polish) see: XJ1790000

KWAS 2-AMINO-4-p-CHLOROFENYLO-TIAZOLO-5-OCTOWY (Polish) see: XJ1795000
KWAS BENZYDYNODWUKAROKSYLOWY (Polish) see: DV3325000
KWAS METANIOWY (Polish) see: LQ4900000
KWD 2019 see: DN9000000
KWELL see: GV4900000
KWELLS see: YM4550000
KWIETAL see: CQ1050000
KWIK (Dutch) see: OV4550000
KWIK-KIL see: WL2275000
KWIKSAN see: OV6475000
KWIT see: TE4550000
KW-2-LE-T see: NJ5960000
KXM see: SA3680000
KYAMEPROMAZINE see: SN6950000
KYAMEPROMAZINE, MALEATE see: SN7000000
KYANID SODNY (Czech) see: VZ7525000
KYANID STRIBRNY (Czech) see: VW3850000
KYANITE see: BD1450000
KYANOL see: BW6650000
KYANOSTRIBRNAN DRASELNY (Czech) see: TT5775000
KYANURCHLORID (Czech) see: XZ1400000

OC8725000 KYDIA CALYCINA Roxb., stem bark extract
DEF:Indian plant belonging to the family MALVACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: PULA STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LD50:50 mg/kg IJEBA6 7,250,69

KYLAR see: WM9625000
KYNEX see: WP0400000
KYNURENINE, 3-HYDROXY- see: AY6475000
KYONATE see: XL1925000
KYORIN AP 2 see: TK9700000
KYPCHLOR see: PB9800000
KYPFARIN see: GN4550000
KYPFOS see: WM8400000
KYPMAN 80 see: OP0700000
KYPTHION see: TF4550000
KYPZIN see: ZH3325000
KYSELINA ADIPOVA (Czech) see: AU8400000
KYSELINA AMIDOSULFONOVA (Czech) see: WO5950000
KYSELINA p-AMINOSALICYLOVA (Czech) see: VO1225000
KYSELINA BENZOOVA (Czech) see: DG0875000
KYSELINA DICHLORISOKYANUROVA (Czech) see: XZ1845000
KYSELINA 3,6-ENDOMETHYLEN-3,4,5,6,7,7-HEXACHLOR-delta(sup 4)-TETRAHYDROFTALOVA (CZECH) see: RB9000000
KYSELINA FUMAROVA (Czech) see: LS9625000
KYSELINA HET (CZECH) see: RB9000000
KYSELINA ISOFTALOVA (Czech) see: NT2007000
KYSELINA KYANUROVA (Czech) see: XZ1800000
KYSELINA MLECNA (Czech) see: OD2800000
KYSELINA MUKOCHLOROVA (Czech) see: AS7700000
KYSELINA p-NITROBENZOOVA (Czech) see: DH5075000
KYSELINA STAVELOVA (Czech) see: RO2450000
KYSELINA SULFAMINOVA (Czech) see: WO5950000
KYSELINA TERFTALOVA (Czech) see: WZ0875000
KYSELINA p-TOLUENESULFONOVA (Czech) see: XT6300000
KYSELINA 4-TOLUIDIN-3-SULFONOVA (Czech) see: XT6320000
KYSELINA TRICHLOISOKYANUROVA (Czech) see: XZ1925000
KYSLICNIK DI-n-AMYLCINICITY (Czech) see: WH7700000
KYSLICNIK DI-n-BUTYLCINICITY (Czech) see: WH7175000
KYSLICNIK DIISOAMYLCINICITY (Czech) see: WH7350000
KYSLICNIK DIISOBUTYLCINICITY (Czech) see: WH7310000
KYSLICNIK DIISOPROPYLCINICITY (Czech) see: WH7525000
KYSLICNIK DI-n-PROPYLCINICITY (Czech) see: WH8225000
KYSLICNIK TRI-n-BUTYLCINICITY (Czech) see: JN8750000
KYURINETT see: TM2976100
K-ZINC see: ZH4810000
KZ 3M see: VW0450000
KZ 5M see: VW0450000
KZ 7M see: VW0450000
L-3 see: VW3500000
L 5 see: KV0350000

OC9271050 L 9
DEF:An alkaloid derived from LYCOPODIUM ANNOTINUM (JAPMA8 34,197,45)
UPDT:8406
TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:40280 ug/kg JAPMA8 34,197,45

L16 see: BD0330000
L-99 see: TN5950070
L 11/6 see: TD9450000
L 169 see: KX4025000
L 195 see: YU1610000
L-310 see: OI9690000
L 343 see: TD8225000
L-395 see: TE1750000
458 L see: TI3682400
L-561 see: AI7875000
L 1058 see: TE8100000
I-1431 see: NY2975000
1591 L see: KR7175000
L. 1633 see: QK1445000
L 1657 see: CM4553000
L 1714 see: CM4557000
L 1811 see: RP6300000
L 1935 see: GO6839000
L 1945 see: NS1750000
L-2103 see: FD1150000
L2214 see: OB1804200
L 2329 see: OB1835000
3123L see: AU7350000
L. 3428 see: OB1360000
L-5103 see: VJ7000000
L-9/125 see: TG2220000
L 10488 see: XZ5478180
L-10492 see: XZ5478100
L 10495 see: XZ5478060
L 10499 see: XZ5478700
L-10503 see: XZ5478600
L 10506 see: XZ5478460
L 11204 see: XZ5478800
L 11215 see: XZ5478070
L-11316 see: ZF9410000
L-11318 see: ZF9400000
L 11373 see: XZ5479400
L 12717 see: XZ5478400
L 13542 see: XZ5478770
L 13891 see: XZ5478450
L 14085 see: XZ5478050
L 14105 see: XZ5478300
L-16332 see: MU6490000
L-16876 see: UQ1280000
L-19246 see: ZF9420000
L-20824 see: UY5770000
L-20826 see: YS4740270
L-21626 see: UQ6456000
L-21842 see: UQ6445000
L-22080 see: XZ4095000
L-26308 see: UQ7158000
L-28093 see: AM5965100
L-34314 see: AB8050000
L-36352 see: XU9275000
L 54521 see: XU4550000
La-100 see: TB4550000
LA see: MD0875000
LA 1 see: DF2450000
LA 6 see: BD1200000
LA 7 see: MD0875000
LA 956 see: RQ2975000
LA 1221 see: RO0685000
LA 6023 see: DU1790000
LA (ALCOHOL) see: MD0875000
LAAM see: MJ3650000
LAAM HYDROCHLORIDE see: MJ3680000 3-HEPTANOL, 6-(DIMETHYLAMINO)-4,4-DIPHENYL-, ACETATE(ester), HYDROCHLORIDE, (3S,6S)-(-)-
LABAZ see: OB1360000
1633 LABAZ see: QK1445000
2329 LABAZ see: OB1835000
LABAZENE see: YV7876000
LABDANOL see: GD9550000

OD1075000 LABDANUM OIL
DEF:Main constituents are ACETOPHENONE, 1,5,5-TRIMETHYL-6-CYCLOHEXANONE and LADANIOL found in the gum of the shrub CISTUS LADANIFERUS L. (Fam. CISTACEAE); prepared by steamdistillation of the crude gum (FCTXAV 14,307,76)
UPDT:8305
SYN: OIL of LABDANUM
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,335,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8980 mg/kg FCTXAV 14,335,76

LABETALOL HYDROCHLORIDE see: CV5376000
LABICAN see: DE9450000
LABILITE see: OP0480000
LABILITE see: BA3675000
LABITON see: SO4375000
LABOPAL see: MU1050000
LABRIFORMIDIN see: FH5250000
LABRIFORMIN see: FH4978000
LAC-43 see: TK6125000
LACCHAID ACID see: GD2425100
LAC DYE see: GD2425100
LACHESIN see: BQ5600000
LACHESINE see: BQ5600000
LACHESINE CHLORIDE see: BQ5600000
L'ACIDE OLEIQUE (French) see: RG2275000
L'ACIDE RICINOLEIQUE (French) see: VJ3150000
LACOLIN see: OD5680000
LACQRAN see: AT6970000
LACQREN 506 see: WL6475000
LACQREN 550 see: WL6475000
LACQTEN 1020 see: TQ3325000
LACQUER DILUENT see: VL8047000
LACQUER ORANGE V see: QL5425000
LACQUER ORANGE VG see: QL4900000
LACQUER ORANGE VR see: QL5850000
LACQUER RED V see: QL5775000
LACQUER RED V3B see: QM2850000
LACQUER RED VS see: QL5775000
LACRETIN see: UY0704600
LACRIMIN see: DG1502900

OD2300000 LACTAMIDE, N-(7,13-DIHYDROXY-1,4,10,19-TETRAMETHYL-17,18-DIOXO-16-OXABICYCLO(13.2.2) NONADECA-3,5,9,11-TETRAEN-2-YL)-, (all-E)-(1S,2R,7S,13S,15R,19R)-(-)-
UPDT:8309 CAS: 23498-37-5 MW: 461.61 MOLFM: C25-H35-N-O7
SYN: ANTIBIOTIC T 2636F * LANKACIDINOL * T-2636 F
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:5000 mg/kg JANTAJ 26,647,73

OD2400000 LACTAMIDE, N-(2-HYDROXYETHYL)-
UPDT:8402 CAS: 5422-34-4 MW: 133.17 MOLFM: C5-H11-N-O3
SYN: N-HYDROXYAETHYLLACTAMID (German) * N-(beta-HYDROXYETHYL)LACTAMIDE * PROPANAMIDE, 2-HYDROXY-N-(2-HYDROXYETHYL)-
TOXICITY DATA AND REFERENCES:
2G30H30 ipr-mus LD50:16300 mg/kg ARZNAD 28,1579,78
2G30H30 scu-mus LD50:15800 mg/kg ARZNAD 28,1579,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LACTATE DEHYDROGENASE X see: OD6900000
LACTATE D'ETHYLE (French) see: OD5075000

OD2800000 LACTIC ACID
UPDT:8403 CAS: 50-21-5 MW: 90.09 MOLFM: C3-H6-O3
SYN: ACETONIC ACID * ETHYLIDENELACTIC ACID * 1-HYDROXYETHANECARBOXYLIC ACID * 2-HYDROXYPROPANOIC ACID * 2-HYDROXYPROPIONIC ACID * alpha-HYDROXYPROPIONIC ACID * KYSELINA MLECNA (Czech) * DL-LACTIC ACID * MILCHSAURE (German) * MILK ACID * ORDINARY LACTIC ACID * PROPANOIC ACID, 2-HYDROXY- * PROPIONIC ACID, 2-HYDROXY- * RACEMIC LACTIC ACID
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV 28ZPAK -,105,72
eye-rbt 750 ug SEV AJOPAA 29,1363,46
eye-rbt 750 ug/24H SEV 28ZPAK -,105,72
MUTATION DATA AND REFERENCES:
mmo-esc 210 ppm/3H AMNTA4 85,119,51

TOXICITY DATA AND REFERENCES:
orl-rat LD50:3730 mg/kg JIHTAB 23,259,41
orl-mus LD50:4875 mg/kg FAONAU 40,146,67
scu-mus LD50:4500 mg/kg ZGEMAZ 113,536,44
orl-rbt LDLo:500 mg/kg IECHAD 15,628,23
rec-rbt LDLo:1200 mg/kg CRSBAW 83,136,20
orl-gpg LD50:1810 mg/kg JIHTAB 23,259,41
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DL-LACTIC ACID see: OD2800000
LACTIC ACID, ANTIMONY SALT see: CC5455000

OD3730000 LACTIC ACID, BERYLLIUM SALT
UPDT:7901 CAS: 64059-26-3
SYN: BERYLLIUM LACTATE
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:11 mg/kg BJEPA5 30,375,49
ivn-mus LD50:7600 ug/kg BJEPA5 30,375,49
ivn-rbt LDLo:10 mg/kg BJEPA5 30,375,49
REVIEW AND REFERENCES:
★ TLV-TWA 2 ug(Be)/m3 DTLVS* 4,43,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug/m3;CL 5;Pk 25/30M/8H FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M NTIS**

OD4025000 LACTIC ACID, BUTYL ESTER
UPDT:8305 CAS: 138-22-7 MW: 146.21 MOLFM: C7-H14-O3
SYN: BUTYL LACTATE n-BUTYL LACTATE * BUTYL alpha-HYDROXYPROPIONATE * PROPANOIC ACID, 2-HYDROXY-, BUTYL ESTER (9CI)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,727,79
TOXICITY DATA AND REFERENCES:
scu-rat LD50:12 gm/kg NPIRI* 1,15,74
ipr-mus LDLo:200 mg/kg CBCCT* 7,690,55
3C08F07J22 scu-mus LD50:11000 mg/kg FCTXAV 17,727,79
REVIEW AND REFERENCES:
★ TLV-TWA 5 ppm DTLVS* 4,57,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LACTIC ACID, BUTYL ESTER, BUTYRATE see: ES8123000
LACTIC ACID, CADMIUM SALT see: EV1400000

OD4725000 LACTIC ACID, compd. with 6,9-DIAMINO-2-ETHOXYACRIDINE (1:1)
UPDT:8406 CAS: 1837-57-6 MW: 343.42 MOLFM: C15-H15-N3-O C3-H6-O3
SYN: 6,9-ACRIDINEDIAMINE, 2-ETHOXY-, 2-HYDROXYPROPANOATE (1:1) * ACRIDINE, 6,9-DIAMINO-2-ETHOXY-, cpd with LACTIC ACID (1:1) * ACRIDINE, 6,9-DIAMINO-2-ETHOXY-, MONOLACTATE * ACRINOL * ACROLACTINE * 2-AETHOXY-6,9-DIAMINOACRIDINLACTAT (German) * 2,5-DIAMINO-7-ETHOXYACRIDINE LACTATE * 6,9-DIAMINO-2-OXYETHYLACRIDINE LACTATE * ETHACRIDINE LACTATE * ETHODIN * 2-ETHOXY-6,9-DIAMINOACRIDINE LACTATE * 2-ETHOXY-6,9-DIAMINOACRIDINE LACTATE HYDRATE * 2-ETHOXY-6,9-DIAMINOACRIDINIUM LACTATE * FLAVITROL * METIFEX * RIMAON * RIVANOL * RIVINOL * VUCINE
MUTATION DATA AND REFERENCES:
dnd-esc 5 umol/L MUREAV 89,95,81
mmo-omi 250 mg/L PNASA6 56,500,66
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:48 gm/kg (30D male) OYYAA2 16,337,78
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:42 mg/kg NIIRDN 6,2,82
scu-mus LD50:120 mg/kg BJEPA5 28,1,47
* scu-rbt LDLo:100 mg/kg 85ESA3 9,489,76
ivn-rbt LDLo:30 mg/kg BSPHAV 40,582,33
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OD5075000 LACTIC ACID, ETHYL ESTER
UPDT:8312 CAS: 97-64-3 MW: 118.15 MOLFM: C5-H10-O3
SYN: ACTYLOL * ACYTOL * ETHYL alpha-HYDROXYPROPIONATE * ETHYL 2-HYDROXYPROPIONATE * ETHYL LACTATE * ETHYL LACTATE (DOT) * LACTATE D'ETHYLE (French) * SOLACTOL * UN 1192 (DOT)
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:1000 mg/kg JPPMAB 11,150,59
orl-mus LD50:2500 mg/kg JPETAB 65,89,39
scu-mus LD50:2500 mg/kg JPETAB 65,89,39
ivn-mus LD50:600 mg/kg JPETAB 65,89,39
STANDARDS & REGULATIONS:
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OD5500000 LACTIC ACID, p-HYDROXYPHENYL-
UPDT:8402 CAS: 306-23-0 MW: 182.19 MOLFM: C9-H10-O4
SYN: p-HYDROXYPHENYLLACTIC ACID
TUMORIGENIC DATA AND REFERENCES:
3V01T65J60 scu-mus TDLo:800 mg/kg (15-21D preg) BEXBAN 87,46,79
3V01T65P60 scu-mus TDLo:800 mg/kg (15-21D preg) BEXBAN 87,46,79
2V01M60 scu-mus TDLo:1600 mg/kg/8W-I VOONAW 22(6),47,76
3V01M60P61 scu-mus TDLo:2800 mg/kg/10W-I GETRE8 28(2),50,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OD5525000 LACTIC ACID, IRON(2+) SALT (2:1)
UPDT:8402 CAS: 5905-52-2 MW: 234.01 MOLFM: C6-H10-O6 Fe
SYN: FERROUS LACTATE * IRON(2+) LACTATE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:4200 mg/kg/21W-I JNCIAM 24,109,60
TOXICITY DATA AND REFERENCES:
3F07F12J22 orl-mus LD50:147 mg/kg JPMSAE 54,1211,65
scu-rbt LDLo:578 mg/kg EQSSDX 1,1,75
ivn-rbt LDLo:287 mg/kg EQSSDX 1,1,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OD5575000 LACTIC ACID, IRON(2+) SALT (2:1), TRIHYDRATE
UPDT:8408 CAS: 6047-24-1 MW: 288.07 MOLFM: C6-H10-O6 Fe 3H2-O
SYN: FERROUS LACTATE TRIHYDRATE * IRON, BIS(LACTATO)-, TRIHYDRATE
TOXICITY DATA AND REFERENCES:
* scu-rbt LDLo:578 mg/kg MEIEDD 10,582,83
* ivn-rbt LDLo:287 mg/kg MEIEDD 10,582,83

OD5675000 LACTIC ACID, MONOPOTASSIUM SALT
UPDT:8401 CAS: 996-31-6 MW: 128.18 MOLFM: C3-H5-O3 K
SYN: POTASSIUM alpha-HYDROXYPROPIONATE * POTASSIUM LACTATE * PROPANOIC ACID, 2-HYDROXY-, MONOPOTASSIUM SALT (9CI)
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MLD FCTOD7 20,573,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OD5680000 LACTIC ACID, MONOSODIUM SALT
UPDT:8318 CAS: 72-17-3 MW: 112.07 MOLFM: C3-H5-O3 Na
SYN: LACOLIN * LACTIC ACID SODIUM SALT * PER-GLYCERIN * PROPANOIC ACID, 2-HYDROXY-, MONOSODIUM SALT * SODIUM LACTATE
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MLD FCTOD7 20,573,82
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:2000 mg/kg FAONAU 40,146,67
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OD5730000 LACTIC ACID, NEODYMIUM SALT
UPDT:8408 CAS: 19042-19-4 MW: 411.48 MOLFM: C9-H15-Nd-O9
SYN: NEODYMIUM LACTATE * NEODYMLACTAT (German)
TOXICITY DATA AND REFERENCES:
scu-mus LD50:10 gm/kg ZGEMAZ 113,536,44
ivn-cat LDLo:64 mg/kg ZGEMAZ 113,536,44

LACTIC ACID SODIUM SALT see: OD5680000

OD5775000 LACTIC ACID, SODIUM ZIRCONIUM SALT (4:4:1)
UPDT:7908 CAS: 10377-98-7 MW: 539.50 MOLFM: C12-H20-O12 4Na Zr
SYN: SODIUM ZIRCONIUM LACTATE * ZIRCONIUM SODIUM LACTATE
TOXICITY DATA AND REFERENCES:
3R10R11R12 idr-man TDLo:170 ug/kg/I JIDEAE 38,223,62
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OD5950000 LACTIC ACID, STRONTIUM SALT (2:1)
UPDT:8403 CAS: 29870-99-3 MW: 265.78 MOLFM: C6-H10-O6 Sr
SYN: 2-HYDROXYPROPANOIC ACID STRONTIUM SALT * STRONTIUM LACTATE * STRONTOLAC
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:900 mg/kg AIHOAX 1,637,50

LACTIC ACID, TRIS(2-HYDROXYETHYL)(PHENYLMERCURI)AMMONIUM deriv. see: BT4725000
LACTIC ACID, ion(1-), TRIS(2-HYDROXYETHYL)PHENYLMERCURIO)AMMONIUM see: BT4725000

OD6475000 LACTIC ACID, compd. with TYLOSIN (1:1)
UPDT:8306 CAS: 11034-63-2 MW: 994.32 MOLFM: C45-H77-N-O17 C3-H6-O3
SYN: TYLOSIN, LACTATE (1:1)
TOXICITY DATA AND REFERENCES:
2F07F12 ivn-mus LD50:589 mg/kg FCTXAV 4,1,66

OD6500000 LACTIC ACID, ZINC SALT (2:1), DL-
UPDT:8402 MW: 122.76 MOLFM: C3-H6-O3 1/2Zn
SYN: ZINC DL-LACTATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 ivg-rbt TDLo:12676 ug/kg (1D pre) CCPTAY 22,659,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LACTIC ACID, ZIRCONIUM SALT (3:1) see: ZH8050000
LACTIC ACID, ZIRCONIUM SALT (4:1) see: ZH8575000

OD6890000 LACTIC DEHYDROGENASE C(sub 4)
UPDT:8405
SYN: LDH-C(sub 4)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 ims-mky TDLo:100 ug/kg (4D pre) FESTAS 35,214,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OD6900000 LACTIC DEHYDROGENASE X
UPDT:8406
SYN: ANTISERUM against the ISOZYME of LACTATE DEHYDROGENASE * ANTISERUM, to SPERM SPECIFIC LACTATE DEHYDROGENASE * LACTATE DEHYDROGENASE X * LDH-X * SPERM SPECIFIC ISOZYME of LACTATE DEHYDROGENASE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:16 gm/kg (1-4D preg) SCIEAS 176,686,72
1T26 mul-mus TDLo:16 mg/kg (8D pre) CCPTAY 12,333,75
1T29 mul-rbt TDLo:500 ug/kg (1D pre) SCIEAS 181,458,73
3T01T02T23 idr-gpg TDLo:1 mg/kg (1D male) INJFA3 19,65,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LACTIN see: OD9625000
LACTOBACILLUS LACTIS DORNER FACTOR see: GG3750000
LACTOBARYT see: CR0600000
LACTOBIOSE see: OD9625000
LACTOCAINE see: DG2275000
LACTOFLAVIN see: VJ1400000
LACTOFLAVINE see: VJ1400000
LACTOGEN see: TW2895000
LACTOGENIC HORMONE see: TW2895000

OD8225000 LACTONITRILE
UPDT:8307 CAS: 78-97-7 MW: 71.09 MOLFM: C3-H5-N-O
SYN: PROPIONITRILE, 2-HYDROXY-
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:87 mg/kg AIHAAP 30,470,69
ihl-rat LCLo:125 ppm/4H AIHAAP 30,470,69
* skn-rbt LD50:20 mg/kg AIHAAP 30,470,69
scu-rbt LDLo:5 mg/kg AIPTAK 5,161,1899
scu-frg LDLo:300 mg/kg AIPTAK 5,161,1899
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OD9275000 LACTONITRILE, 2-METHYL-
UPDT:8406 CAS: 75-86-5 MW: 85.12 MOLFM: C4-H7-N-O
SYN: ACETONCIANIDRINA (Italian) * ACETONCIANHIDRINEI (Romanian) * ACETONCYAANHYDRINE (Dutch) * ACETONCYANHYDRIN (German) * ACETONECYANHYDRINE (French) * ACETONE CYANOHYDRIN * ACETONE CYANOHYDRIN (DOT) * ACETONE CYANOHYDRIN, stabilized (DOT) * ACETONKYANHYDRIN (Czech) * CYANHYDRINE D'ACETONE (French) * alpha-HYDROXYISOBUTYRONITRILE * 2-HYDROXY-2-METHYLPROPIONITRILE * 2-METHYLLACTONITRILE * PROPANENITRILE, 2-HYDROXY-2-METHYL- * RCRA WASTE NUMBER P069 * UN 1541 (DOT) * USAF RH-8
TOXICITY DATA AND REFERENCES:
orl-rat LD50:17 mg/kg AIHAAP 30,470,69
* ihl-rat LCLo:63 ppm/4H AIHAAP 23,95,62
scu-rat LDLo:8500 ug/kg BJIMAG 19,283,62
orl-mus LD50:14 mg/kg 28ZPAK -,161,72
ihl-mus LCLo:2050 mg/m3/2H IGIBA5 11,27,62
ipr-mus LD50:1 mg/kg NTIS** AD277-689
orl-rbt LD50:13500 ug/kg NTIS** PB214-270
* skn-rbt LD50:17 mg/kg AIHAAP 23,95,62
orl-gpg LD50:9 mg/kg NTIS** PB214-270
* skn-gpg LD50:150 mg/kg AMIHBC 8,371,53
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NITRILES recm std-air:CL 4 mg/m3/15M NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 7 340
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OD9625000 LACTOSE
UPDT:8401 CAS: 63-42-3 MW: 342.34 MOLFM: C12-H22-O11
SYN: 4-(beta-D-GALACTOSIDO)-D-GLUCOSE * D-GLUCOSE, 4-O-beta-D-GALACTOPYRANOSYL- * D-LACTOSE * LACTIN * LACTOBIOSE * MILK SUGAR * SACCHARUM LACTIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:375 mg/kg (4-18D preg) TJADAB 4,497,71
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:1 kg/kg/29W-C GANNA2 46,363,55
TOXICITY DATA AND REFERENCES:
ivn-dog LDLo:1500 mg/kg HBAMAK 4,1289,35
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LACTOSOMATOTROPIC HORMONE see: TW2895000
D-LACTOSE see: OD9625000

OD9650000 LACTUCA BRUNONIANA (Wall.) Clarke, extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

OD9650500 LACTUCA SATIVA L. var. CAPITATA, extract
UPDT:8412
MUTATION DATA AND REFERENCES:
mma-sat 197 mg/plate JAFCAU 31,1020,83

LACTUCA SCARIOLA Linn., extract see: OD9660000 LACTUCA SERRIOLA Linn., extract

OD9660000 LACTUCA SERRIOLA Linn., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 15,208,77)
UPDT:8408
SYN: LACTUCA SCARIOLA Linn., extract
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

LACUMIN see: SP2625000
LADAKAMYCIN see: XZ3017500

OD9870000 LADNER'S MIXTURE
DEF:A mixture of EPSOM salts, COPPERAS, SULFUR, hydrated LIME, SPIRITS of TURPENTINE andNICOTINE (JEENAI 48,139,55)
UPDT:8402
TOXICITY DATA AND REFERENCES:
* orl-rbt LD50:9 gm/kg JEENAI 48,139,55

OD9905000 LAETIA THAMNIA L., leaf and stem extract
DEF:Jamaican plant belonging to the family FLACOURTIACEAE (JPPMAB 16,115,64)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:20 gm/kg JPPMAB 16,115,64

LAEVORAL see: LS7000000
LAEVOSAN see: LS7000000
LAEVOXIN see: XP3583000
LAEVULIC ACID see: OI1575000
LAEVULINIC ACID see: OI1575000

OE1750000 LAGERSTROEMIA INDICA L., leaf and stem extract
DEF:Jamaican plant belonging to the family LYTHRACEAE (JPPMAB 16,115,64)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:40 gm/kg JPPMAB 16,115,64

OE0180000 LAGERSTROEMIA LANCEOLATA Wall., extract excluding roots
DEF:Indian plant belonging to the family LYTHRACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: NANA EXTRACT
TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:250 mg/kg IJEBA6 11,43,73

OE0190000 LAGERSTROEMIA PARVIFLORA Roxb., extract excluding roots
DEF:Indian plant belonging to the family LYTHRACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: SONA EXTRACT
TOXICITY DATA AND REFERENCES:
2N22U26 ipr-mus LD50:375 mg/kg IJEBA6 9,91,71

OE0191000 LAGERSTROEMIA SPECIOSA, flower extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg CPBTAL 13,882,65

LAGISTASE see: DJ2620000
LAGOSIN see: LT3850000
LAIDLOMYCIN see: QA5960000
LA-III see: DF1575000
LAKE BASIC VIOLET see: GE4518000
LAKE BLUE B BASE see: DD0875000
LAKE ORANGE A see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
LAKE ORANGE II YS see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
LAKE PONCEAU see: QJ6825000
LAKE RED 1520 see: DB5500000
LAKE RED BK BASE see: XU5075000
LAKE RED C see: DB5500000
LAKE RED C 18287 see: DB5500000
LAKE RED C 18958 see: DB5500000
LAKE RED C 21245 see: DB5500000
LAKE RED C 27200 see: DB5500000
LAKE RED C 27217 see: DB5500000
LAKE RED C 27218 see: DB5500000
LAKE RED C BARIUM TONER see: DB5500000
LAKE RED CC see: DB5500000
LAKE RED CCT see: DB5500000
LAKE RED CR see: DB5500000
LAKE RED CRLC-232 (BARIUM) see: DB5500000
LAKE RED C TONER 8195 see: DB5500000
LAKE RED C TONER 8366 see: DB5500000
LAKE RED GB BARIUM SALT see: DB5500000
LAKE RED 2GL see: QL3854000
LAKE RED 4R see: QK4247000
LAKE RED 4RH see: QK4247000
LAKE RED RRG see: DB5500000
LAKE RED TONER C see: DB5500000
LAKE RED TONER LCLL see: DB5500000
LAKE SCARLET G BASE see: XU8225000
LAKE SCARLET R see: QJ6825000
LAKE SCARLET 2RBN see: QJ6825000
LAKE YELLOW see: UQ6400000
LAK KH SL see: KV0350000
LAL-BHERENDA EXTRACT (Indian) see: NY6575000
LALJAHRI EXTRACT (Indian) see: LY4065000
LAM see: UY5715000
LAMAR see: YR0450000
LAMBAST see: XY4395000
LAMBAST see: AE1200000
LAMBDAMYCIN see: FL7350000
LAMBETH see: UD1842000
LAMBRATEN see: KJ0175000
LAMBRIL see: NJ1925000
LAMBROL see: DU8335000
LAMBROL see: AH3050000
LAMDIOL see: KG2975000
LAMIDON see: MU6640000

OE1523000 LAMIUM ALBUM Linn., extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 18,594,80)
UPDT:8412
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T27 orl-rat TDLo:150 mg/kg (12-14D preg) IJEBA6 18,594,80
1T24 orl-ham TDLo:500 mg/kg (1-5D preg) IJEBA6 18,594,80
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LAMITEX see: AZ5820000
LAMORYL see: WG9800000
LAMPIT see: XM3020000
LAMPRECID see: GP3550000
LAMPRECIDE see: GP3550000
LAMPTEROL see: WH0204300
LAMURAN see: AX7875000
LANADIGENIN see: FH5390000
LANADIN see: KX4550000
LANATOSID A (German) see: OE1980000 LANATOSIDE A
LANATOSID B (German) see: OE2040000 LANATOSIDE B
LANATOSID C (German) see: OE2100000 LANATOSIDE C

OE1980000 LANATOSIDE A
UPDT:8408 CAS: 17575-20-1 MW: 969.25 MOLFM: C49-H76-O19
SYN: DIGILANID A * DIGILANIDE A * LANATOSID A (German)
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:16 mg/kg AIPTAK 155,165,65
* ipr-mus LD50:20 mg/kg AIPTAK 155,165,65
* ivn-cat LDLo:360 ug/kg AIPTAK 155,165,65
orl-gpg LD50:100 mg/kg ARZNAD 15,481,65
ivn-gpg LDLo:1100 ug/kg ARZNAD 15,481,65

LANATOSIDE A, DEACETYL- (8CI) see: FH5085000

OE2040000 LANATOSIDE B
UPDT:8408 CAS: 17575-21-2 MW: 985.25 MOLFM: C49-H76-O20
SYN: DIGILANID B * DIGILANIDE B * LANATOSID B (German)
TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:12 mg/kg AEPPAE 177,60,34
* ivn-cat LD50:388 ug/kg JAPMA8 31,236,42
* ivn-gpg LDLo:3695 ug/kg AEPPAE 252,314,66

LANATOSIDE B, DEACETYL- (8CI) see: FH5083000

OE2100000 LANATOSIDE C
UPDT:8408 CAS: 17575-22-3 MW: 985.25 MOLFM: C49-H76-O20
SYN: CEDILANID * DIGILANID C * DIGILANIDE C * ISOLANID * ISOLANIDE * LANATOSID C (German)
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:10 mg/kg TXAPA9 1,156,59
* ivn-rat LD50:30 mg/kg AIPTAK 155,165,65
* ipr-mus LD50:7 mg/kg AIPTAK 155,165,65
* ivn-mus LD50:8100 ug/kg NIIRDN 6,877,82
1G30 ivn-dog LD50:340 ug/kg IVEJAC 57,31,80
ivn-cat LDLo:230 ug/kg ARZNAD 19,657,69
orl-gpg LD50:100 mg/kg ARZNAD 15,481,65
ivn-gpg LDLo:502 ug/kg ARZNAD 17,1237,67
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85ELDJ -,192,63

LANATOXIN see: IH2275000
LANAZINE see: SH5075000
LANCOL see: RG4120000
LANCO WAX PP 1362D see: UD1842000
LANDALGINE see: AZ5775000
LANDAMYCINE see: WK2300000
LANDISAN see: OV6300000
LANDOCAINE see: DG4725000
LAND PLASTER see: EW4150000
LANDRIN see: FC8225000
LANDRIN see: FC8575000
LANDRIN see: FC8410000
LANDRIN, NITROSO derivative see: FC6635000
LANETTES see: MD0875000
LANETTE WAX KS see: XB8655000
LANETTE WAX-S see: WT1050000
LANEX see: YT1575000
LANGFORD see: GF1670500
LANIAZID see: NS1750000
LANICOR see: IH6125000
LANIOZID see: NS1750000
LANIRAPID see: FH5310000
LANITOP see: FH5310000
LANITOP see: FH4920605
LANKACIDIN see: UZ0780000
LANKACIDIN A see: UZ0800000
LANKACIDIN C see: UZ0780000
LANKACIDIN C 14-ACETATE see: UZ0800000
LANKACIDINOL see: OD2300000
LANNAGOL LF see: MD0880000
LANNATE see: AK2975000
LANNATE L see: AK2975000

OE3200000 LANNEA COROMANDELICA (Houtt) Merr., leaf and stem bark extract
DEF:Indian plant belonging to the family ANACARDIACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: MODE LEAF AND STEM BARK EXTRACT * MODE STEM BARK and LEAF EXTRACT
TOXICITY DATA AND REFERENCES:
2H30U26 ipr-mus LD50:500 mg/kg IJEBA6 9,91,71

LANOL see: FZ8400000

LANOPHYLLIN see: XH3850000
OE3420000 LANOST-9(11)-EN-18-OIC ACID, 3-((2-O-(6-DEOXY-beta-D-GLUCOPYRANOSYL)-4-O-SULFO-beta-D- XYLOPYRANOSYL)OXY)-22,25-EPOXY-12,17,20-TRIHYDROXY-, gamma-LACTONE, MONOSODIUM SALT, (3-beta,12-alpha,22S)-
UPDT:8412 CAS: 11052-32-7 MW: 884.10 MOLFM: C41-H64-O17-S .Na
TOXICITY DATA AND REFERENCES:
3F17J26K13 ipr-mus LD50:14 mg/kg MDNKAC 26,97,79
LANOXIN see: IH6125000
LANRAY see: EZ7259400
LANSTAN see: TX5075000
OE3678000 LANTANA CAMARA L. cv. Gold mound, fruit extract
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:30 gm/kg JTEHD6 1,939,76
OE4375000 LANTHANUM CHLORIDE
UPDT:8408 CAS: 10099-58-8 MW: 245.26 MOLFM: Cl3-La
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 itt-dom TDLo:5 mg/kg (1D male) IJEBA6 11,143,73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4200 mg/kg AIHOAX 1,637,50
ipr-rat LD50:106 mg/kg AMIHAB 16,475,57
ivn-rat LDLo:4 mg/kg AMIHAB 16,475,57
ipr-mus LD50:121 mg/kg COREAF 256,1043,63
scu-mus LD50:2424 mg/kg EQSSDX 1,1,75
ivn-mus LD50:18 mg/kg JNCIAM 13,559,52
2F07F15 ipr-gpg LD50:129 mg/kg AMIHAB 15,9,57
ipr-frg LD50:694 mg/kg EQSSDX 1,1,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JPMSAE 54,663,65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
OE4470000 LANTHANUM CHLORIDE, HEPTAHYDRATE
UPDT:8411 MW: 371.40 MOLFM: Cl3-La .7H2-O
TOXICITY DATA AND REFERENCES:
2F12K12 orl-mus LD50:2354 mg/kg SHGKA3 80,1303,80
OE5075000 LANTHANUM NITRATE
UPDT:8403 CAS: 10099-59-9 MW: 324.94 MOLFM: N3-O9 .La
MUTATION DATA AND REFERENCES:
sln-smc 33300 ppb ANYAA9 407,186,83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 scu-rat TDLo:25995 ug/kg (1D male) JRPFA4 7,21,64
2T01T02 scu-mus TDLo:25995 ug/kg (30D male) JRPFA4 7,21,64
2T01T02 itt-mus TDLo:25995 ug/kg (1D male) JRPFA4 7,21,64
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4500 mg/kg AIHOAX 1,637,50
* ipr-rat LD50:450 mg/kg AIHOAX 1,637,50
ipr-mus LD50:410 mg/kg TXAPA9 5,750,63
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JPMSAE 54,663,65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
LAOFLAVON see: UO7452000
LA OxA see: OJ6605010
LA OxB see: OJ6605000
LA OXID. A see: OJ6605010
LA OXID. B see: OJ6605000
LA OXIDIZED-A see: OJ6605010
LA OXIDIZED-B see: OJ6605000
LAP see: XU0183500
LAPACHIC ACID see: QL8750000
LAPACHOL see: QL8750000
LAPACHOL WOOD see: QL8750000
LAPAQUIN see: VB2[illegible]000
LAPEMIS HARDWICKII (MALAYA) VENOM see: YX4185900
LAPKANA EXTRACT (Indian) see: HX7792000
LAPLEN see: KV9750000
OE5784050 LAPORTEA CRENULATA Gaud., extract excluding roots
DEF:Indian plant belonging to the family URTICACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: MORANGE EXTRACT
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74
OE5784150 LAPPULA GLOCHIDIATA Brand, extract excluding roots
DEF:Indian plant belonging to the family BORAGINACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
3H02M10Y55 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78
OE5784360 LAPROL 702
UPDT:8305 CAS: 25322-69-4 MOLFM: (C3-H8-O2)n
SYN: POLY(OXY(METHYL-1,2-ETHANEDIYL)), alpha-HYDRO-omega-HYDROXY- (9CI)
TOXICITY DATA AND REFERENCES:
1A11 unk-rat LD50:3750 mg/kg GISAAA 46(6),73,81
1A11 unk-mus LD50:4255 mg/kg GISAAA 46(6),73,81
1A11 unk-gpg LD50:1200 mg/kg GISAAA 46(6),73,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
LAPSANG SOUCHONG TEA LEAF EXTRACT see: WX6482200
LAPTRAN see: TB2050000
LARADOPA see: AY5600000
OE5800000 LARAHA
DEF:Aqueous extract from the dried leaves of the plant (JNCIAM 46,1131,71)
UPDT:8401
SYN: CITRUS AURANTIUM
TUMORIGENIC DATA AND REFERENCES:
2V03V10 ims-rat TDLo:45 gm/kg/1Y-I JNCIAM 46,1131,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
OE5840000 LARCH ARABOGALACTAN I
DEF:A water-soluble polysaccharide extracted from the stems of LARIX OCCIDENTALIS(JPMSAE 50,560,61)
UPDT:8405
SYN: ARABOGALACTAN
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:12900 mg/kg JPMSAE 50,560,61
LARD FACTOR see: VH6750000
LAREX see: YU1610000
LARGACTIL see: SN8925000
LARGACTIL MONOHYDROCHLORIDE see: SO1750000
LARGACTILOTHIAZINE see: SN8925000
LARGACTYL see: SN8925000
LARGAKTYL see: SO1750000
OE5970000 LARGOMYCIN
DEF:An antitumor antibiotic produced by the strain STREPTOMYCES PLURICOLORESCENS (85ERAY2,1351,78)
UPDT:8310
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:35500 ug/kg 85ERAY 2,1351,78
OE6000000 LARGOMYCIN F II
DEF:Isolated from STREPTOMYCES PLURICOLORESCENS (85GDA2 4(2),276,80)
UPDT:8309
SYN: ANTIBIOTIC TA-1067-F II * TA-1067-F-II
MUTATION DATA AND REFERENCES:
pic-esc 30 ng/plate CNREA8 43,2819,83
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:36 mg/kg 85GDA2 4(2),276,80
LARIXIC ACID see: UQ1050000
LARIXIN see: XI0350000
LARIXINIC ACID see: UQ1050000
LAROCAINE see: UB1575000
LARODOPA see: AY5600000
LAROSCORBINE see: CI7650000
LAROXIL see: HO9275000
LAROXYL see: HO9275000
LARTEN see: TZ0175000
LARVACIDE see: PB6300000
LAS see: DB4370000
LAS see: CU9390000
LASALOCID A see: GP4000000
LASAN see: CB1225000
LASEX see: CB2625000
OE7815000 LASHIOSPHAERA FENZLI Reich, crude extract
UPDT:8408
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:20 gm/kg (2D pre/1-3D preg) MPHEAE 16,414,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
LASILIX see: CB2625000
OE7875000 LASIOCARPINE
UPDT:8412 CAS: 303-34-4 MW: 411.55 MOLFM: C21-H33-N-O7
SYN: HELIOTRIDINE ESTER with LASIOCARPUM and ANGELIC ACID * NCI-C01478
MUTATION DATA AND REFERENCES:
mma-sat 200 ug/plate MUREAV 68,211,79
sln-dmg-par 20 umol/L ZEVBA5 91,74,60
mmo-asn 20 mmol/L/6H NATUAS 210,593,66
msc-hmn:lym 60 umol/L ENMUDM 4,304,82
dni-rat-par 80 mg/kg NATUAS 223,1269,69
oms-rat-unk 36 ug/kg ANYAA9 163,837,69
TUMORIGENIC DATA AND REFERENCES:
3V01L60L61 orl-rat TDLo:255 mg/kg/2Y-C NCITR* NCI-CG-TR-39,78
3V01L60R60 ipr-rat TDLo:470 mg/kg/56W-I CNREA8 32,908,72
3V01L60L61 orl-rat TD :546 mg/kg/2Y-C NCITR* NCI-CG-TR-39,78
3V01L60L61 orl-rat TD :1310 mg/kg/2Y-C NCITR* NCI-CG-TR-39,78
3V01L60R60 orl-rat TD :760 mg/kg/48W-C BJCAAI 37,289,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:150 mg/kg TXAPA9 17,290,70
ipr-rat LD50:78 mg/kg CNREA8 32,908,72
ivn-rat LDLo:60 mg/kg RETOAE 5,53,49
* par-rat LD50:80 mg/kg NATUAS 223,1269,69
unk-rat LD50:72 mg/kg PAREAQ 22,429,70
ivn-mus LDLo:90 mg/kg RETOAE 5,53,49
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTRRDO 60,1171,76
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 10,281,76
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NCITR* NCI-CG-TR-39,78)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
LASIOCARPINE HYDROCHLORIDE see: EM9252450
OE7940000 LASIOSIPHON KRAUSSIANUS, root extract
UPDT:8306
TOXICITY DATA AND REFERENCES:
3F03J26K30 orl-mus LD50:27 gm/kg PLMEAA 41,267,81
3F03J26K17 ipr-mus LD50:330 mg/kg PLMEAA 41,267,81
LASIX see: CB2625000
LAS-Mg see: DB4371000
LAS, MAGNESIUM SALT see: DB4371000
LAS-Na see: DB4550000
LASODEX see: XH5600000
OE8350000 LASSIA ACULEATA Lour., rhizome extract
DEF:Indian plant belonging to the family ARACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: KANTASURA RHIZOME EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg IJEBA6 12,512,74
LASSO see: AE1225000
LAS, SODIUM SALT see: DB4550000
LAS and TAE3S see: DB4727000
LASTILAC see: AT6970000
LASUNE EXTRACT (Indian) see: JW0595000
LASURA, extract (Indian) see: GM2236000 CORDIA DICHOTOMA Forst. f., extract excluding roots
LAT 1717 see: QD8547000
LATA EXTRACT (Indian) see: XW7499000
LATAMOXEF SODIUM see: RN6824000
LATAPALAS EXTRACT (Indian) see: EM2455100
LATEX see: TQ2690000
LATEX of CALATROPIS GIGANTEA see: EV7450000
LATEXOL RED J see: QL3436000
LATEXOL SCARLET R see: DB5500000
LATEXOL SCARLET R SOLUPOWDER see: DB5500000
LATEX SVKh see: KV9750000
LATEX XD 7151 see: OI6000000
LATHOSTEROL see: FZ7000000
OE8800000 LATHYRUS APHACA Linn., seed extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 16,228,78)
UPDT:8412

TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78
LATIBON see: SO4200000
LATICATOXIN see: YX4195000
LATICAUDA COLUBRINA VENOM see: YX4189500
LATICAUDA SEMIFASCIATA VENOM see: YX4195000
LATIFOLINE HYDROCHLORIDE see: GK7621300
LATJIRA STEM BARK EXTRACT (Indian) see: AQ2998000
LATSCHENKIEFER OEL (German) see: TK5500000
LATUMCIDIN see: GY8430000
LATUSATE see: CP8225000
LAUDEXENIUM METHYL SULFATE see: NX5137000
LAUDEXIUM see: NX5137000
LAUDEXIUM METHYLSULFATE see: NX5137000
LAUDEXIUM METILSULFATE see: NX5137000
LAUDOCAINE see: DG4725000
LAUDOLISSIN see: NX5137000
LAUDRAN DI-n-BUTYLCINICITY (Czech) see: WH7000000
LAUGHING GAS see: QX1350000
LAURAMIDE DEA see: JR1925000
3-LAURAMIDO-2,4,6-TRIIODOBENZOIC ACID see: DH3290000
LAUREL CAMPHOR see: EX1225000

OE9500000 LAUREL LEAF OIL
UPDT:8305 CAS: 8006-78-8
SYN: OIL of LAUREL LEAF
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,337,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3950 mg/kg FCTXAV 14,337,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
LAURETH see: MD0875000
LAURETH 9 see: MD0875000
LAURETH 23 see: MD0875000

OE9800000 LAURIC ACID
UPDT:8408 CAS: 143-07-7 MW: 200.36 MOLFM: C12-H24-O2
SYN: C-1297 * DODECANOIC ACID * DODECOIC ACID * DUODECYLIC ACID * HYDROFOL ACID 1255 * HYDROFOL ACID 1295 * HYSTRENE 9512 * LAUROSTEARIC ACID * NEO-FAT 12 * NEO-FAT 12-43 * NINOL AA62 EXTRA * 1-UNDECANECARBOXYLIC ACID * WECOLINE 1295
MUTATION DATA AND REFERENCES:
cyt-smc 10 mg/L NATUAS 294,263,81
TUMORIGENIC DATA AND REFERENCES:
2V02V30 skn-mus TDLo:108 gm/kg/15W-I APMIAL 46,51,59
TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:131 mg/kg APTOA6 18,141,61
orl-rat LD50:12 gm/kg FDRLI* 123,-,76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 21,100,60
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OE9805000 LAURIC ACID, BARIUM CADMIUM SALT
UPDT:8303
SYN: BARIUM CADMIUM LAURATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1696 mg/kg GTPZAB 18(3),50,74
* orl-mus LD50:516 mg/kg GISAAA 46(4),18,81
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Ba)/m3 DTLVS* 4,35,80
★ TLV-TWA 50 ug(Cd)/m3;STEL 200 ug(Cd)/m3 DTLVS* 4,59,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 0.5 mg(Ba)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**
LAURIC ACID, DIBUTYLSTANNYLENE deriv. see: WH7000000
LAURIC ACID, DIBUTYLSTANNYLENE SALT see: WH7000000
LAURIC ACID, DIBUTYLTIN deriv. see: WH7000000
LAURIC ACID DIETHANOLAMIDE see: JR1925000
LAURIC ACID DIETHANOLAMINE CONDENSATE see: JR1925000

OF0525000 LAURIC ACID, 2,3-EPOXYPROPYL ESTER
UPDT:8401 CAS: 1984-77-6 MW: 256.43 MOLFM: C15-H28-O3
SYN: GLYCIDYL LAURATE
TUMORIGENIC DATA AND REFERENCES:
3V02J60T64 scu-mus TDLo:16 mg/kg/40W-I CNREA8 30,1037,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
LAURIC ACID ESTER with 2-HYDROXYETHYL THIOCYANATE see: OF0875000

OF0875000 LAURIC ACID, 2-THIOCYANATOETHYL ESTER
UPDT:8404 CAS: 301-11-1 MW: 285.49 MOLFM: C15-H27-N-O2-S
SYN: DODECANOIC ACID 2-THIOCYANATOETHYL ESTER * ENT 5 * LAURIC ACID ESTER with 2-HYDROXYETHYL THIOCYANATE * LETHANE 60 * THIOCYANIC ACID, 2-HYDROXYETHYL ESTER, LAURATE * 2-THIOCYANOETHYL COCONATE * 2-THIOCYANOETHYL DODECANOATE * beta-THIOCYANOETHYL LAURATE * 2-THIOCYANOETHYL LAURATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:500 mg/kg ARSIM* 20,13,66
3F07F12J26 scu-rat LD50:4300 mg/kg INMEAF 11,-,42
unk-rat LD50:300 mg/kg 30ZDA9 -,257,71
3F07F12J26 ipr-gpg LD50:1480 mg/kg INMEAF 11,-,42
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
LAURIC ALCOHOL see: JR5775000
LAURIC DIETHANOLAMIDE see: JR1925000
LAURIFOLINE CHLORIDE see: HQ1777700
(+)-LAURIFOLINE CHLORIDE see: HQ1777700
LAURINE see: RG7850000
LAURINIC ALCOHOL see: JR5775000
LAURODIN see: VA0350000
LAUROLINIUM ACETATE see: VA0350000
LAUROMACROGOL 400 see: MD0875000
LAUROSTEARIC ACID see: OE9800000
LAUROX see: OF2625000
3-LAUROYLAMINO-2,4,6-TRIIODOBENZOIC ACID see: DH3290000
LAUROYL DIETHANOLAMIDE see: JR1925000
LAUROYLETHYLENEIMINE see: CM7900000
(LAUROYLOXY)TRIBUTYLSTANNANE see: WH8584000

OF2625000 LAUROYL PEROXIDE
UPDT:8408 CAS: 105-74-8 MW: 398.70 MOLFM: C24-H46-O4
SYN: ALPEROX C * DILAUROYL PEROXIDE * DILAUROYL PEROXIDE, technical pure (DOT) * DILAURYL PEROXIDE * DODECANOYL PEROXIDE * LAUROX * LAUROYL PEROXIDE (DOT) * LAUROYL PEROXIDE, technically pure (DOT) * PEROXYDE DE LAUROYLE (French) * UN 2124 (DOT)
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H MOD 28ZPAK -,53,72
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:184 mg/kg/46W-I JNCIAM 37,825,66
2V03P62 unk-mus TDLo:638 mg/kg RARSAM 3,193,63
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OF2625500 LAUROYL PEROXIDE, not more than 42%
UPDT:8402 CAS: 105-74-8 MW: 398.70 MOLFM: C24-H46-O4
SYN: DILAUROYL PEROXIDE (DOT) * LAUROYL PEROXIDE (DOT) * UN 2893 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
LAUROYL PEROXIDE (DOT) see: OF2625000
LAUROYL PEROXIDE (DOT) see: OF2625500
LAUROYL PEROXIDE, technically pure (DOT) see: OF2625000
LAURYL 24 see: JR5775000
LAURYL ACETATE see: AH3525000
LAURYL ALCOHOL see: JR5775000
LAURYL ALCOHOL EO (4) see: JR5960000
LAURYL ALCOHOL EO (7) see: JR5970000
LAURYL ALCOHOL, ETHOXYLATED see: JR5955000
n-LAURYL ALCOHOL, PRIMARY see: JR5775000
LAURYL ALCOHOL TRIGLYCOL ETHER see: KK7870000
LAURYL ALDEHYDE see: JR1910000
LAURYLAMINE HYDROCHLORIDE see: JR6750000
LAURYLAMINE, N-METHYL-N-NITROSO- see: JR6900000
N-LAURYLAMINOACETIC ACID see: MC0356000
LAURYLAMMONIUM HYDROCHLORIDE see: JR6750000
LAURYLBENZENESULFONIC ACID see: DB6600000
LAURYL DIETHANOLAMIDE see: JR1925000
LAURYLDIMETHYLAMINE see: JR6600000
N-LAURYLDIMETHYLAMINE see: JR6600000
LAURYLDIMETHYLAMINE OXIDE see: JR6650000
LAURYLESTER KYSELINY METHAKRYLOVE (Czech) see: OZ4300000
LAURYLGUANIDINE ACETATE see: MF1750000
LAURYL MERCAPTAN see: JR3155000
M-LAURYL MERCAPTAN see: JR3155000
LAURYL METHACRYLATE see: OZ4300000
LAURYL POLYETHYLENE GLYCOL ETHER see: MD0875000
LAURYL POLY(OXYETHYLENE) ETHER see: MD0875000
LAURYLISOQUINOLINIUM BROMIDE see: NX5250000
LAURYL RHODANATE see: XK9625000
LAURYL SODIUM SULFATE see: WT1050000
LAURYL SULFATE, SODIUM SALT see: WT1050000
LAURYL THIOCYANATE see: XK9625000
LAURYL 3,3'-THIODIPROPIONATE see: UF8000000
LAURYL TRIETHOXYLATE see: KK7870000
LAURYLTRIGLYCOL ETHER see: KK7870000
LAUSIT see: NL3500000
LAUTHSCHES VIOLETT (German) see: SN5425000
LAUXTOL see: SM6300000
LAUXTOL A see: SM6300000

OF6097500 LAVANDIN OIL
UPDT:8305 CAS: 8022-15-9
SYN: OIL of LAVANDIN
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,447,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
LAVANDULYL ACETATE see: MP8625000
LAVATAR see: GF8600000
LAVENDEL OEL (German) see: OF6110000

OF6100000 LAVENDER ABSOLUTE
DEF:Found in the flowers of LAVANDULA OFFICINALIS chaix. The main constituent is LINALYLACETATE; prepared from alcoholic extract of a residue, which is extracted from plantmaterial using an organic solvent; a dark green liquid (FCTXAV 14,443,76)
UPDT:8305
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,449,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4250 mg/kg FCTXAV 14,449,76

OF6110000 LAVENDER OIL
UPDT:8305 CAS: 8000-28-0
SYN: LAVENDEL OEL (German) * OIL of LAVENDER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,451,76
TOXICITY DATA AND REFERENCES:
orl-rat LD50:9040 mg/kg PHARAT 14,435,59
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
LAVENDER OIL, SPIKE see: WG9060000
LAVOFLAGIN see: XJ1570000
LAVSAN see: TR2725000
LAWN-KEEP see: AG6825000
LAWSONE see: QJ5775000
LAWSONE see: QL8200000

OF6219000 LAWSONIA INERMIS, leaf and stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:500 mg/kg CPBTAL 13,882,65
LAWSONITE see: TR2725000
LAXAGEN see: NM3250000
LAXAGETTEN see: NM3250000
LAXANORM see: CB6650000
LAXANTHREEN see: CB6650000
LAXESIN see: BQ5600000
LAXIDOGOL see: SM8720000
LAXINATE see: WN0525000
LAXINATE 100 see: WN0525000
LAXIPUR see: CB6650000

LAXIPURIN see: CB6650000
LAXOBERAL see: SM8720000
LAXOBERAL see: SM8739000
LAXOBERON see: SM8720000
LAXONALIN see: DM3325000
LA XVH see: DE9800000
LAYOR CARANG see: AW7950000
LAZO see: AE1225000
LB-46 see: UB6660000
LB 502 see: CB2625000
LBC. 131 see: GA4763000
132 LBC see: BS3859100
LBC 235 see: NX4998100
LBC 236 see: NX4998200
LBC 237 see: NX4998300
LBC 238 see: NX4998400
LBF DISULFIDE see: ES4392700
L-BLAU 3 see: BP6830000
LB-ROT 1 see: LM5950000
'L,' CARPSERP see: ZG0350000
LCG 20148 see: NL9620000
LCG 20151 see: NL9805200
LCR see: OH6300000
LCS 22688 see: NM1302000
LCS 22690 see: NM1302300
LCS 22706 see: NL6019410
LCS 22707 see: NL6019400
LCS 22711 see: NL9805000
LCS 22720 see: NL6092010
LCS 22725 see: NL9805100
LCS 22727 see: NL6092000
LCS 22731 see: NM1301500
LCS 26199 see: NL7839700
LD 400 see: TQ3325000
LD 464 see: TM3153900
LD 600 see: TQ3325000

OF6730000 LD-813
UPDT:8401 CAS: 64083-05-2
TUMORIGENIC DATA AND REFERENCES:
2V01J60 orl-rat TDLo:37 gm/kg/2Y-C TXAPA9 31,159,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

L.D. 2480 see: TN4700630
LDA see: JR1925000
LDE see: JR1925000
L. DEFECTA TOXIN see: XW5815150
LDH-C(sub 4) see: OD6890000
LDH-X see: OD6900000
LDPE 4 see: TQ3325000
LD RUBBER RED 16913 see: DB5500000
29060 LE see: YY8400000
29060-LE see: YY8050000
LEA see: KK7870000
LEA-COV see: WB0350000
LEACRIL, combustion products see: AT6975000

OF7525000 LEAD
UPDT:8411 CAS: 7439-92-1 MW: 207.19 MOLFM: Pb
SYN: C.I. PIGMENT METAL 4 * C.I. 77575 * GLOVER * KS-4 * LEAD FLAKE * LEAD S2 * OLOW (Polish) * OMAHA * OMAHA & GRANT * SI * SO
MUTATION DATA AND REFERENCES:
cyt-rat-ihl 23 ug/m3/16W GTPZAB 26(10),38,82
cyt-mky-orl 42 mg/kg/30W TOLED5 8,165,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T35 orl-rat TDLo:790 mg/kg (MGN) AEHLAU 23,102,71
1T85 orl-rat TDLo:1140 mg/kg (14D pre-21D post) PHMCAA 20,201,78
1T83 orl-rat TDLo:520 mg/kg (7-22D preg/10D post) FEPRA7 37,394,78
2T48T81 orl-rat TDLo:1100 mg/kg (1-22D preg) FEPRA7 37,895,78
2T34T48 ihl-rat TCLo:10 mg/m3/24H (1-21D preg) ZHPMAT 165,294,77
1T83 ihl-rat TCLo:3 mg/m3/24H (1-21D preg) ZHPMAT 165,294,77
2T34T35 orl-mus TDLo:1120 mg/kg (MGN) AEHLAU 23,102,71
2T22T24 orl-mus TDLo:6300 mg/kg (1-21D preg) EXPEAM 31,1312,75
1T29 orl-mus TDLo:300 mg/kg (1-2D preg) TXCYAC 6,129,76
1T33 orl-mus TDLo:4800 mg/kg (1-16D preg) BECTA6 18,271,77
1T85 orl-dom TDLo:662 mg/kg (1-21W preg) TXAPA9 25,466,73
TOXICITY DATA AND REFERENCES:
3C08F08F18 orl-wmn TDLo:450 mg/kg/6Y JAMAAP 237,2627,77
2K05L30 ihl-hmn TCLo:10 ug/m3 VRDEA5 (5),107,81
ipr-rat LDLo:1000 mg/kg EQSSDX 1,1,75
orl-pgn LDLo:160 mg/kg HBAMAK 4,1289,35
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: TRBMAV 33(1),85,75; PGMJAO 51(601),783,75; JDSCAE 58(12),1767,75; IRXPAT 12,1,73; CTPHBG 55,147,71; CTOXAO 6(3),377,73; QURBAW 7(1),75,74; RREVAH 54,55,75; JAVMA4 164(3),277,74; AEMBAP 40,239,73; CTOXAO 5(2),151,72; FOREAE 7,313,42; KOTTAM 11(11),1300,75; GEIGAI 20(3),291,73; STEVA8 2(4),341,74; CLCHAU 19,361,73; AJMEAZ 38,409,65; 85DHAX Pb,254,72; PDTNBH 6,204,77; AMTODM 3,209,77; MUREAV 76,115,80; 49DXAV -,57,83; AEHLAU 30,396,75
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 23,325,80
★ TLV-TWA 150 ug/m3; STEL 450 ug/m3 DTLVS* 4,243,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7082, 7300, 8003 and 8310
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0345
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LEAD ACETATE see: AI5250000
LEAD ACETATE (Pb(Ac)2) see: AI5250000
LEAD ACETATE (Pb(O2C2H3)2) see: AI5250000
LEAD(II) ACETATE see: AI5250000
LEAD(2+) ACETATE see: AI5250000
LEAD ACETATE, BASIC see: OF8750000
LEAD ACETATE (DOT) see: AI5250000

OF8050000 LEAD ACETATE (II), TRIHYDRATE
UPDT:8403 CAS: 6080-56-4 MW: 379.35 MOLFM: C4-H6-O4 .Pb .3H2-O
SYN: ACETIC ACID, LEAD(+2) SALT TRIHYDRATE * BIS(ACETATO)TRIHYDROXYTRILEAD * BLEIAZETAT (German) * LEAD ACETATE TRIHYDRATE * LEAD DIACETATE TRIHYDRATE * PLUMBOUS ACETATE
MUTATION DATA AND REFERENCES:
dni-mus-ipr 20 gm/kg ARGEAR 51,605,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 orl-rat TDLo:2219 mg/kg (18D post) NTOTDY 4,105,82
TUMORIGENIC DATA AND REFERENCES:
3V01M61T61 orl-rat TDLo:8524 mg/kg/78W-C ZAPPAN 111,1,68
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:200 mg/kg INMEAF 10(2),15,41
scu-gpg LDLo:2100 mg/kg BMJOAE 2,217,13
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FCTXAV 9,105,71; ENVRAL 13,36,77
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 1,40,72
★ CARCINOGENIC REVIEW:NO DATA IARC** 23,325,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 NTIS**
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LEAD ACETATE TRIHYDRATE see: OF8050000
LEAD ACID ARSENATE see: CG0980000
LEAD ARSENATE see: CG0980000
LEAD ARSENATE see: CG0990000
LEAD ARSENATE see: CG1000000
LEAD ARSENATE (DOT) see: CG0990000
LEAD ARSENATE (DOT) see: CG1000000
LEAD ARSENATE, SOLID (DOT) see: CG0980000
LEAD ARSENATE (STANDARD) see: CG0980000

OF8600000 LEAD(II) ARSENITE
UPDT:8308 CAS: 10031-13-7 MW: 421.03 MOLFM: As2-O4 .Pb
SYN: LEAD ARSENITE, SOLID (DOT) * UN 1618 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3 DTLVS* 4,243,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 FEREAC 43,19584,78
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 NTIS**
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M NTIS**

LEAD ARSENITE, SOLID (DOT) see: OF8600000
LEAD ASPARTATE see: OF8624000

OF8624000 LEAD, (ASPARTATO)-
UPDT:8305 MW: 338.29 MOLFM: C4-H5-N-O4 .Pb
SYN: ASPARTIC ACID, LEAD SALT * COLLOIDAL LEAD ASPARTATE * LEAD ASPARTATE
TOXICITY DATA AND REFERENCES:
* ivn-rbt LDLo:25 mg/kg JOGBAS 35,693,28

OF8650000 LEAD AZIDE
UPDT:8401 CAS: 13424-46-9 MW: 291.25 MOLFM: N6-Pb
SYN: INITIATING EXPLOSIVE LEAD AZIDE, dextrinated type only (DOT) * LEAD AZIDE, dry (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3 DTLVS* 4,243,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OF8670000 LEAD AZIDE, containing, by weight, at least 20% water or mixture of alcohol and water
UPDT:8401 CAS: 13424-46-9 MW: 291.25 MOLFM: N6-Pb
SYN: LEAD AZIDE, containing, by weight, at least 20% water (DOT) * UN 0129 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LEAD AZIDE, dry (DOT) see: OF8650000
LEAD AZIDE, containing, by weight, at least 20% water (DOT) see: OF8670000

OF8750000 LEAD, BIS(ACETATO)TETRAHYDROXYTRI-
UPDT:8412 CAS: 1335-32-6 MW: 807.71 MOLFM: C4-H10-O8-Pb3
SYN: BASIC LEAD ACETATE * BIS(ACETO)DIHYDROXYTRILEAD * BIS(ACETATO)TETRAHYDROXYTRILEAD * BLA * LEAD ACETATE, BASIC * LEAD, BIS(ACETATO-O)TETRAHYDROXYTRI- * LEAD MONOSUBACETATE * LEAD SUBACETATE * MONOBASIC LEAD ACETATE * RCRA WASTE NUMBER U146 * SUBACETATE LEAD
MUTATION DATA AND REFERENCES:
mmo-sat 250 mg/L ENMUDM 2,234,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-mus TDLo:258 gm/kg (28D male) EXPEAM 30,486,74
TUMORIGENIC DATA AND REFERENCES:
3V01M61P62 orl-rat TDLo:350 gm/kg/90W-C BJCAAI 16,289,62
2V03J60 orl-mus TDLo:90 gm/kg/2Y-C BJCAAI 23,765,69
2V02J60 ipr-mus TDLo:150 mg/kg/5W-I CNREA8 36,1744,76
3V02M61R60 orl-rat TD :30 gm/kg/77W-C BJCAAI 16,289,62
2V03M61 orl-rat TD :300 gm/kg/48W-C APJAAG 23,87,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FCTXAV 9,105,71; PEXTAR 12,102,69
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 1,40,72
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 23,325,80
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 23,325,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LEAD, BIS(ACETATO-O)TETRAHYDROXYTRI- see: OF8750000

OF8850000 LEAD, BIS(DIMETHYLDITHIOCARBAMATO)-
UPDT:8412 CAS: 19010-66-3 MW: 447.63 MOLFM: C6-H12-N2-S4 .Pb
SYN: BIS(DIMETHYLCARBAMODITHIOATO-S,S')LEAD * BIS(DIMETHYLDITHIOCARBAMATO)LEAD * CARBAMIC ACID, DIMETHYLDITHIO-, LEAD SALT * LEAD DIMETHYLDITHIOCARBAMATE * LEDATE * NCI-C02891
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate ENMUDM 5(Suppl 1),3,83
mmo-sat 33 ug/plate NTPTB* JAN 82
TUMORIGENIC DATA AND REFERENCES:
3V03J60P60 scu-mus TDLo:1000 mg/kg NTIS** PB223-159
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 12,131,76

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPCSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 — NTIS**
STATUS
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-151,79)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LEAD BOTTOMS see: OG4375000
LEAD BROWN see: OG0700000

OF9275000 LEAD CARBONATE

UPDT:8402 CAS: 598-63-0 MW: 267.20 MOLFM: C-O3 Pb
SYN: CARBONIC ACID, LEAD(2+) SALT (1:1) * CERUSSETE * DIBASIC LEAD CARBONATE * LEAD(2+) CARBONATE * WHITE LEAD

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T81T85 orl-rat TDLo:40 gm/kg (16D post) TXAPA9 37,160,76
TOXICITY DATA AND REFERENCES:
2K31L12 orl-man TDLo:214 mg/kg/4W NEJMAG 303,459,80
orl-gpg LDLo:1000 mg/kg EQSSDX 1,1,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pb,258,72
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 1,40,72
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 1,40,72
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 23,325,80
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3 DTLVS* 4,243,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 — NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LEAD(2+) CARBONATE see: OF9275000

OF9450000 LEAD CHLORIDE

UPDT:8408 CAS: 7758-95-4 MW: 278.09 MOLFM: Cl2-Pb
SYN: LEAD(2+) CHLORIDE * LEAD (II) CHLORIDE * LEAD CHLORIDE (DOT) * LEAD DICHLORIDE * NA 2291 (DOT) * PLUMBOUS CHLORIDE

MUTATION DATA AND REFERENCES:
dnd-omi 100 umol/L SCIEAS 198,513,77
dni-hmn:hla 250 umol/L TXCYAC 5,167,75
oms-hmn:hla 250 umol/L TXCYAC 5,167,75
dni-mus:fbr 20 umol/L ZHPMAT 161,26,75
dnd-mam:lym 100 umol/L SCIEAS 198,513,77
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 orl-rat TDLo:570 mg/kg (14D pre-21D post) PBBHAU 11,95,79
1T41 orl-rat TDLo:201 mg/kg (14D pre-15D post) JTEHD6 10,639,82
1T24 ivn-mus TDLo:40 mg/kg (4D preg) TJADAB 16,273,77
1T14 ivn-mky TDLo:128 mg/kg (34D pre) FESTAS 11,223,60
3T46T41T42 ivn-ham TDLo:50 mg/kg (8D preg) EXMPA6 7,208,67
2T25T46 ivn-ham TDLo:25 mg/kg (8D preg) ANREAK 157,358,67
TOXICITY DATA AND REFERENCES:
* orl-gpg LDLo:1500 mg/kg 85ESA3 9,709,76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pb,259,72
★ CARCINOGENIC REVIEW:NO DATA IARC** 23,325,80
★ TLV-TWA 0.15 mg(Pb)/m3,STEL 0.45 mg(Pb)/m3 DTLVS* 4,243,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ DOT-HAZARD:ORM-B; LABEL:NONE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 — NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LEAD (II) CHLORIDE see: OF9450000
LEAD(2+) CHLORIDE see: OF9450000
LEAD CHLORIDE (DOT) see: OF9450000
LEAD CHROMATE see: GB2975000
LEAD CHROMATE(VI) see: GB2975000
LEAD CHROMATE, BASIC see: OF9800000
LEAD CHROMATE OXIDE see: OF9800000

OF9800000 LEAD CHROMATE(VI) OXIDE

UPDT:8401 CAS: 18454-12-1 MW: 546.38 MOLFM: Cr-O4-Pb .O-Pb
SYN: ARANCIO CROMO (Italian) * AUSTRIAN CINNABAR * BASIC LEAD CHROMATE * CHINESE RED * CHROME ORANGE * CHROME ORANGE 54 * CHROME ORANGE 56 * CHROME ORANGE 57 * CHROME ORANGE 58 * CHROME ORANGE DARK * CHROME ORANGE EXTRA LIGHT * CHROME ORANGE G * CHROME ORANGE MEDIUM * CHROME ORANGE NC-22 * CHROME ORANGE R * CHROME ORANGE 5R * CHROME ORANGE RF * CHROME ORANGE XL * CHROME RED * CHROMIUM LEAD OXIDE * CHROMIUM ORANGE * C.I. 77601 * C.I. PIGMENT ORAGNE 21 * C.I. PIGMENT RED * C.P. CHROME ORANGE DARK 2030 * C.P. CHROME ORANGE EXTRA DARK 2040 * C.P. CHROME LIGHT 2010 * C.P. CHROME ORANGE MEDIUM 2020 * DAINICHI CHROME ORANGE R * DAINICHI CHROME ORANGE 5R * GENUINE ACETATE CHROME ORANGE * GENUINE ORANGE CHROME * INDIAN RED * INTERNATIONAL ORANGE 2221 * IRGACHROME ORANGE OS * LEAD CHROMATE, BASIC * LEAD CHROMATE OXIDE * LEAD CHROMATE, RED * LIGHT ORANGE CHROME * No. 156 ORANGE CHROME * ORANGE CHROME * ORANGE NITRATE CHROME * PALE ORANGE CHROME * PERSIAN RED * PURE ORANGE CHROME M * PURE ORANGE CHROME Y * RED LEAD CHROMATE * VYNAMON ORANGE CR

MUTATION DATA AND REFERENCES:
mmo-sat 80 ug/plate MUREAV 54,139,78
oms-hmn:oth 500 mg/L BJCAAI 44,219,81
cyt-hmn:oth 500 mg/L BJCAAI 44,219,81
dni-ham:kdy 150 mg/L BJCAAI 44,219,81
oms-ham:kdy 150 mg/L BJCAAI 44,219,81
cyt-ham:ovr 5 mg/L BJCAAI 44,219,81
sce-ham:ovr 5 mg/L BJCAAI 44,219,81
TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-rat TDLo:135 mg/kg ANYAA9 271,431,76
2V03V10 scu-rat TD :135 mg/kg PBPHAW 14,47,78
2V02V10 scu-rat TD :135 mg/kg TUMOAB 57,213,71
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 23,205,80
★ CARCINOGENIC REVIEW:HUMAN POSITIVE IARC** 23,205,80
★ TLV-TWA 50 ug(Cr)/m3 DTLVS* 4,98,80
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3 DTLVS* 4,243,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CHROMIUM (VI) recm std-air:Cl 1 ug(Cr(VI))/m3 — NTIS**
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 — NTIS**
STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 4, 1975/1976
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LEAD CHROMATE, RED see: OF9800000
LEAD CHROMATE, SULPHATE and MOLYBDATE see: OG1625000

OG0175000 LEAD(II)CYANIDE

UPDT:8308 CAS: 592-05-2 MW: 259.23 MOLFM: C2-N2-Pb
SYN: C.I. 77610 * C.I. PIGMENT YELLOW 48 * CYANURE DE PLOMB (French) * LEAD CYANIDE (DOT) * UN 1620 (DOT)

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:100 mg/kg NCNSA6 5,27,53
REVIEW AND REFERENCES:
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3 DTLVS* 4,243,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 — NTIS**

LEAD CYANIDE (DOT) see: OG0175000
LEAD DIACETATE see: AI5250000
LEAD DIACETATE TRIHYDRATE see: OF8050000
LEAD DIBASIC ACETATE see: AI5250000
LEAD DIBASIC PHOSPHITE see: OG2880000
LEAD DICHLORIDE see: OF9450000
LEAD DIFLUORIDE see: OG1225000
LEAD DIMETHYLDITHIOCARBAMATE see: OF8850000
LEAD DINITRATE see: OG2100000

OG0700000 LEAD DIOXIDE

UPDT:8312 CAS: 1309-60-0 MW: 239.19 MOLFM: O2-Pb
SYN: BIOXYDE DE PLOMB (French) * C.I. 77580 * LEAD BROWN * LEAD DIOXIDE (DOT) * LEAD OXIDE BROWN * LEAD PEROXIDE * LEAD PEROXIDE (DOT) * LEAD SUPEROXIDE * PEROXYDE DE PLOMB (French) * UN 1872 (DOT)

TOXICITY DATA AND REFERENCES:
ipr-gpg LD50:220 mg/kg EQSSDX 1,1,75
REVIEW AND REFERENCES:
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3 DTLVS* 4,243,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 — NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LEAD DIOXIDE (DOT) see: OG0700000
LEAD DIPERCHLORATE see: SC8100000
LEAD DITHIOCYANATE see: XL1538000

OG0835000 LEAD DROSS

UPDT:8401 CAS: 69029-52-3
SYN: LEAD DROSS (containing 3% or more free acid) * LEAD SCRAP (DOT) * NA 1794 (DOT) * UN 1794 (DOT)

REVIEW AND REFERENCES:
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3 DTLVS* 4,243,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ DOT-HAZARD:ORM-C, LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 — NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LEAD DROSS (containing 3% or more free acid) see: OG0835000
LEAD FLAKE see: OF7525000
LEAD FLUOBORATE see: ED2700000
LEAD FLUOBORATE (DOT) see: ED2700000

OG1225000 LEAD(II) FLUORIDE

UPDT:8308 CAS: 7783-46-2 MW: 245.19 MOLFM: F2-Pb
SYN: LEAD DIFLUORIDE * LEAD FLUORIDE (DOT) * NA 2811 (DOT) * PLOMB FLUORURE (French) * PLUMBOUS FLUORIDE

TOXICITY DATA AND REFERENCES:
scu-gpg LDLo:2800 mg/kg CRSBAW 124,133,37
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMSSAQ 400,5,63
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3 DTLVS* 4,243,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 — NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LEAD FLUORIDE (DOT) see: OG1225000
LEAD(II) FLUOROSILICATE see: VV8450000
LEAD ISOTHIOCYANATE see: XL1533000
LEAD MALATE see: EJ9971000

OG1625000 LEAD-MOLYBDENUM CHROMATE

UPDT:8401
SYN: CHROMIC ACID, LEAD and MOLYBDENUM SALT * CHROMIC ACID LEAD SALT with LEAD MOLYBDATE * C.I. PIGMENT RED 104 * LEAD CHROMATE, SULPHATE and MOLYBDATE * MOLYBDENUM-LEAD CHROMATE * MOLYBDENUM ORANGE

MUTATION DATA AND REFERENCES:
mmo-sat 2 mg/plate CRNGDP 2,283,81
oms-hmn:oth 500 mg/L BJCAAI 44,219,81
cyt-hmn:oth 500 mg/L BJCAAI 44,219,81
dni-ham:kdy 150 mg/L BJCAAI 44,219,81
oms-ham:kdy 150 mg/L BJCAAI 44,219,81
cyt-ham:ovr 5 mg/L BJCAAI 44,219,81
sce-ham:ovr 5 mg/L BJCAAI 44,219,81
TUMORIGENIC DATA AND REFERENCES:
2V02V16 scu-rat TDLo:135 mg/kg ANYAA9 271,431,76
2V03V10 scu-rat TD :135 mg/kg PBPHAW 14,47,78
REVIEW AND REFERENCES:
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3 DTLVS* 4,243,80
★ TLV-TWA 5 mg(Mo)/m3;STEL 10 mg(Mo)/m3 DTLVS* 4,289,80
★ TLV-TWA 50 ug(Cr)/m3 DTLVS* 4,98,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 FEREAC 39,23540,74

★ OSHA STANDARD-air:TWA 5 mg(Mo)/m3 (SCP-M) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NTIS**
CHROMIUM(VI) recm std-air:CL 1 ug(Cr(VI))/m3
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NTIS**
INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3
STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 4, 1975/1976
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LEAD MONONITRORESORCINATE see: OG2120000
LEAD MONONITRORESORCINATE (DRY) (DOT) see: OG2120000
LEAD MONOOXIDE see: OG1750000
LEAD MONOSUBACETATE see: OF8750000

OG1750000 LEAD MONOXIDE
UPDT:8408 CAS: 1317-36-8 MW: 223.19 MOLFM: O-Pb
SYN: C.I. 77577 * C.I. PIGMENT YELLOW 46 * LEAD MONOOXIDE * LEAD OXIDE * LEAD OXIDE YELLOW * LEAD PROTOXIDE * LEAD(II) OXIDE * LITHARGE * LITHARGE PURE * LITHARGE YELLOW L-28 * MASSICOT * MASSICOTITE * PLUMBOUS OXIDE * YELLOW LEAD OCHER
IRRITATION DATA AND REFERENCES:
skn-rbt 100 mg/24H MLD AEHLAU 30,168,75
MUTATION DATA AND REFERENCES:
otr-ham:emb 50 umol/L CNREA8 39,193,79
dnd-ham:emb 50 umol/L CNREA8 39,193,79
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:430 mg/kg INMEAF 10(2),15,41
orl-dog LDLo:1400 mg/kg HBAMAK 4,1289,35
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pb,254,72
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 23,325,80
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3 DTLVS* 4,243,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NTIS**
INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

LEAD NAPHTHENATE see: QK9150000

OG2100000 LEAD(II) NITRATE (1:2)
UPDT:8408 CAS: 10099-74-8 MW: 331.21 MOLFM: N2-O6 .Pb
SYN: LEAD DINITRATE * LEAD NITRATE * LEAD(2+) NITRATE * LEAD(II) NITRATE * LEAD NITRATE (DOT) * NITRIC ACID, LEAD(2+) SALT * NITRATE DE PLOMB (French) * UN 1469 (DOT)
MUTATION DATA AND REFERENCES:
pic-esc 320 umol/L ENMUDM 6,59,84
dni-rat:lvr 100 umol/L JTEHD6 4,503,78
cyt-rat:oth 300 umol/L CBINA8 30,237,80
cyt-mus-par 200 ug/kg MILEDM 17,29,81
msc-mus:lym 450 mg/L JTEHD6 9,367,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 orl-rat TDLo:13 gm/kg (6W male/6W pre-3W post) JLCMAK 87,273,76
1T76 orl-rat TDLo:27 gm/kg (6W male/6W pre-3W post) JLCMAK 87,273,76
1T29 ipr-rat TDLo:50 mg/kg (3D preg) BECTA6 25,702,80
1T81 ivn-rat TDLo:7993 ug/kg (17D preg) BNEOBV 41,193,82
3T31T45T46 ivn-rat TDLo:25 mg/kg (9D preg) JTEHD6 9,1021,82
3T16T76T85 ivn-rat TDLo:39964 ug/kg (17D preg) BNEOBV 41,193,82
1T25 ivn-rat TDLo:25 mg/kg (15D preg) NTIS** CONF-771017
1T53 ivn-rat TDLo:25 mg/kg (9D preg) TXAPA9 31,72,75
1T02 itt-rat TDLo:6624 ug/kg (1D male) JRPFA4 7,21,64
1T02 scu-mus TDLo:6624 ug/kg (30D male) JRPFA4 7,21,64
2T25T46 ivn-ham TDLo:25 mg/kg (8D preg) ANREAK 157,358,67
3T46T53T41 ivn-ham TDLo:50 mg/kg (8D preg) ENVRAL 17,325,78
3T25T34T35 ivn-ham TDLo:50 mg/kg (8D preg) LAINAW 37,369,77
3T47T55T59 ivn-ham TDLo:50 mg/kg (8D preg) LAINAW 37,369,77
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:432 mg/kg JPETAB 38,161,30
orl-gpg LDLo:500 mg/kg AHBAAM 125,273,41
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pb,254,72
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 23,325,80
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3 DTLVS* 4,243,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NTIS**
INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LEAD NITRATE see: OG2100000
LEAD(II) NITRATE see: OG2100000
LEAD(2+) NITRATE see: OG2100000
LEAD NITRATE (DOT) see: OG2100000

OG2120000 LEAD NITRORESORCINATE
UPDT:8308 CAS: 51317-24-9 MW: 1605.45 MOLFM: C6-H5-N-O4 .xPb
SYN: INITIATING EXPLOSIVE LEAD MONONITRORESORCINATE (DOT) * LEAD MONONITRORESORCINATE * LEAD MONONITRORESORCINATE (DRY) (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82

OG2200000 LEAD(II) OLEATE (1:2)
UPDT:8403 CAS: 1120-46-3 MW: 770.21 MOLFM: C36-H66-O4 .Pb
SYN: OLEIC ACID LEAD SALT * OLEIC ACID, LEAD(2+) SALT (2:1)
TOXICITY DATA AND REFERENCES:
orl-gpg LDLo:4000 mg/kg AHBAAM 125,273,41
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pb,257,72
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NTIS**
INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LEAD ORTHOPHOSPHATE see: OG3675000
LEAD ORTHOPLUMBATE see: OG5425000
LEAD(II) OXIDE see: OG1750000
LEAD OXIDE see: OG1750000
LEAD OXIDE see: OG5425000
LEAD OXIDE BROWN see: OG0700000

OG2880000 LEAD OXIDE PHOSPHONATE, HEMIHYDRATE
UPDT:8403 CAS: 1344-40-7 MW: 742.56 MOLFM: H-O5-P-Pb3 .1/2H2-O
SYN: C.I. 77620 * DIBASIC LEAD METAPHOSPHATE * DIBASIC LEAD PHOSPHITE * LEAD DIBASIC PHOSPHITE * LEAD PHOSPHITE DIBASIC (DOT) * UN 2989 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.102,83

LEAD OXIDE RED see: OG5425000
LEAD OXIDE YELLOW see: OG1750000

OG3151000 LEAD OXIDE, ZINC OXIDE, ARSENIC OXIDE and SODIUM SELENITE (1:1:1:1)
UPDT:8401
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:64 mg/kg GISAAA 43(7),107,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NTIS**
INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3

OG3151500 LEAD OXIDE, ZINC OXIDE, ARSENIC OXIDE and SODIUM SELENITE (4:4:1:1)
UPDT:8401
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:110 mg/kg GISAAA 43(7),107,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NTIS**
INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3

LEAD PERCHLORATE see: SC8100000
LEAD(2+) PERCHLORATE see: SC8100000
LEAD PERCHLORATE (DOT) see: SC8100000

OG3160000 LEAD(II) PERCHLORATE, HEXAHYDRATE (1:2:6)
UPDT:7905 CAS: 63916-96-1 MW: 514.21 MOLFM: Cl2-O8 .Pb .6H2-O
SYN: PERCHLORIC ACID, LEAD SALT, HEXAHYDRATE
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:275 mg/kg JAFCAU 14,512,66
REVIEW AND REFERENCES:
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3 DTLVS* 4,243,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NTIS**
INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3

LEAD PEROXIDE see: OG0700000
LEAD PEROXIDE (DOT) see: OG0700000

OG3675000 LEAD(II) PHOSPHATE (3:2)
UPDT:8406 CAS: 7446-27-7 MW: 811.51 MOLFM: O8-P2 .3Pb
SYN: BLEIPHOSPHAT (German) * C.I. 77622 * COLLODIAL LEAD PHOSPHATE * LEAD ORTHOPHOSPHATE * LEAD PHOSPHATE * LEAD PHOSPHATE (3:2) * LEAD(2+) PHOSPHATE * NORMAL LEAD ORTHOPHOSPHATE * PERLEX PASTE 500 * PERLEX PASTE 600A * PHOSPHORIC ACID, LEAD(2+) SALT (2:3) * PLUMBOUS PHOSPHATE * RCRA WASTE NUMBER U145 * TRILEAD PHOSPHATE
TUMORIGENIC DATA AND REFERENCES:
2V03M61 scu-rat TDLo:540 mg/kg/6W-I APAVAY 323,694,53
2V01M61 par-rat TDLo:580 mg/kg/34W-I BJCAAI 19,860,65
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FCTXAV 9,105,71; PEXTAR 12,102,69; 85DHAX Pb,259,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 1,40,72
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 23,325,80
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 23,325,80
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3 DTLVS* 4,243,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NTIS**
INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LEAD PHOSPHATE see: OG3675000
LEAD PHOSPHATE (3:2) see: OG3675000
LEAD(2+) PHOSPHATE see: OG3675000
LEAD PHOSPHITE DIBASIC (DOT) see: OG2880000

OG3750000 LEAD POTASSIUM THIOCYANATE
UPDT:7901 CAS: 63916-97-2
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:42 mg(Pb)/kg JPETAB 38,161,30
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pb,254,72
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3 DTLVS* 4,243,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NTIS**
INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3

LEAD PROTOXIDE see: OG1750000
LEAD S2 see: OF7525000
LEAD SCRAP (DOT) see: OG0835000

OG4025000 LEAD SILICATE
UPDT:7908 CAS: 10099-76-0 MW: 283.28 MOLFM: O3-Si .Pb
REVIEW AND REFERENCES:
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3 DTLVS* 4,243,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NTIS**
INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LEAD STEARATE see: WI4300000
LEAD STEARATE (DOT) see: WI4300000
LEAD STYPHNATE see: OG6425000
LEAD STYPHNATE (DOT) see: OG6425000
LEAD STYPHNATE, containing, by weight, at least 20% water (DOT) see: OG6427000
LEAD STYPHNATE (DRY) (DOT) see: OG6425000
LEAD SUBACETATE see: OF8750000

OG4375000 LEAD(II) SULFATE (1:1)
UPDT:8408 CAS: 7446-14-2 MW: 303.25 MOLFM: O4-S .Pb
SYN: ANGLISLITE * BLEISULFAT (German) * C.I. 77630 * C.I. PIGMENT WHITE 3 * FAST WHITE * FREEMANS WHITE LEAD * LEAD BOTTOMS * LEAD SULFATE (DOT) * MILK WHITE * MULHOUSE WHITE * NA 2291 (DOT) * SULFATE DE PLOMB (French) * SULFURIC ACID, LEAD(2+) SALT (1:1)
MUTATION DATA AND REFERENCES:
sce-hmn:leu 23 umol/L DMBUAE 27,40,80
TOXICITY DATA AND REFERENCES:
orl-dog LDLo:2 gm/kg HBAMAK 4,1289,35
orl-gpg LDLo:30 gm/kg AHBAAM 125,273,41
* ipr-gpg LDLo:290 mg/kg MEIEDD 10,779,83
REVIEW AND REFERENCES:
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3 DTLVS* 4,243,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78

---

* TOXICITY DATA HAVE NOT BEEN EVALUATED.
★ OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
LEAD SULFATE (DOT) see: OG4375000

OG4450000 LEAD(II) SULFATE (1:1), with more than 3% free SULFURIC ACID
UPDT:8308
SYN: UN 1794 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

OG4550000 LEAD SULFIDE
UPDT:8404 CAS: 1314-87-0 MW: 239.25 MOLFM: Pb-S
SYN: C.I. 77640 * GALENA * LEAD SULFIDE (DOT) * NA 2291 (DOT) * NATURAL LEAD SULFIDE * PLUMBOUS SULFIDE
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:1847 mg/kg INMEAF 10,15,41
orl-gpg LDLo:10 gm/kg AHBAAM 125,273,41
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pb,254,72
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3 DTLVS* 4,243,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Pb)/m3 (SCP-O) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7505
REPORTED IN EPA TSCA INVENTORY, 1983
LEAD SULFIDE (DOT) see: OG4550000
LEAD SULFOCYANATE see: XL1538000
LEAD SUPEROXIDE see: OG0700000
LEAD, TETRAETHYL- see: TP4550000
LEAD, TETRAMETHYL- see: TP4725000

OG5425000 LEAD TETROXIDE
UPDT:8306 CAS: 1314-41-6 MW: 685.57 MOLFM: O4-Pb3
SYN: C.I. 77578 * C.I. PIGMENT RED 105 * GOLD SATINOBRE * LEAD ORTHOPLUMBATE * LEAD OXIDE * LEAD OXIDE RED * LEAD TETRAOXIDE * MINERAL ORANGE * MINERAL RED * MINIUM * MINIUM NON SETTING RL-95 * ORANGE LEAD * PARIS RED * PLUMBOPLUMBIC OXIDE * RED LEAD * RED LEAD OXIDE * SANDIX * SATURN RED * TRILEAD TETROXIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:630 mg/kg GTPZAB 19(3),30,75
orl-gpg LDLo:1000 mg/kg AHBAAM 125,273,41
* ipr-gpg LD50:220 mg/kg 85ESA3 9,711,76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Pb,254,72
★ CARCINOGENIC REVIEW:NO DATA IARC** 23,325,80
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3 DTLVS* 4,243,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
LEAD TETRAOXIDE see: OG5425000
LEAD THIOCYANATE see: XL1538000
LEAD THIOCYANATE (DOT) see: XL1538000
LEAD TITANATE see: XR1575000
LEAD, TRIETHYL-, CHLORIDE see: TP4025000

OG6125000 LEAD, TRIETHYL-, OLEATE
UPDT:7907 CAS: 63916-98-3 MW: 575.91 MOLFM: C24-H48-O2-Pb
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:50 mg/kg NCNSA6 5,30,53
ipr-rat LDLo:25 mg/kg NCNSA6 5,30,53
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 NTIS**

OG6425000 LEAD TRINITRORESORCINATE
UPDT:8308 CAS: 63918-97-8
SYN: INITIATING EXPLOSIVE LEAD STYPHNATE (DOT) * INITIATING EXPLOSIVE LEAD TRINITRORESORCINATE (DOT) * LEAD STYPHNATE * LEAD STYPHNATE (DOT) * LEAD STYPHNATE (DRY) (DOT) * LEAD TRINITRORESORCINATE (DOT) * STYPHNATE OF LEAD (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 NTIS**

OG6427000 LEAD TRINITRORESORCINATE, containing, by weight, at least 20% water or mixture of alcohol and water
UPDT:8312 CAS: 63918-97-8
SYN: LEAD STYPHNATE, containing, by weight, at least 20% water (DOT) * UN 0130 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83
LEAD TRINITRORESORCINATE (DOT) see: OG6425000
LEAF ALCOHOL see: MP8400000
LEAF DROP see: FO0555000 CHLORIC ACID, SODIUM SALT, mixed with BORIC ACID SODIUM SALT
LEAF GREEN see: GB6475000
LEALGIN COMPOSITUM see: EU1575000
LEATHER BLUE G see: BP6830000
LEATHER FAST RED B see: QJ6475500
LEATHER GREEN B see: BQ4375000
LEATHER GREEN SF see: BQ4900000
LEATHER ORANGE EXTRA see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO), MONOSODIUM SALT
LEATHER ORANGE HR see: ST3380000
LEATHER PURE BLUE HB see: SO5600000
LEATHER RED G see: QJ6030000
LEATHER RED HT see: SG1623000
LEBAYCID see: TF9625000

OG7528500 LECANTHUS WALLICHII Wedd., extract
DEF:Indian plant belonging to the family URTICACEAE (IJEBA6 11,43,73)
UPDT:8305
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 11,43,73
LE CAPTANE (French) see: GW5075000
LECASOL see: UY0704600
LECITHINASE C see: SZ6116000
LECTOPAM see: DE9800000
LEDAKPIN see: AR9240000
LEDATE see: OF8850000
LEDERCILLIN see: XH9450000
LEDERCILLIN VK see: XH9275000
LEDERFEN see: DV1761000
LEDERKYN see: WP0400000
LEDERLE 2246 see: PA3500000
LEDERLE AA223 see: AY7937000
LEDERMYCIN see: QI7650000
LEDERMYCIN HYDROCHLORIDE see: QI7700000
LEDON 11 see: PB6125000
LEDON 12 see: PA8200000
LEDON 114 see: KI1101000
LEDOFA see: AY5600000
LEDOSTEN see: RP6300000

OG7830000 LEEA CRISPA Linn., extract excluding roots
DEF:Indian plant belonging to the family VITACEAE (IJEBA6 15,208,77)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:94 mg/kg IJEBA6 15,208,77
LEFEBAR see: CQ6825000
LEGENTIAL see: LY3860000
LEGUMEX see: ES8575000
LEGUMEX D see: ES9100000
LEGUMEX DB see: AG1575000
LEGUMEX EXTRA see: AF9700000
LEGURAME see: FD8900000
LEGURAME TS see: YS4000000
LEHYDAN see: MU1050000
LEIPZIG YELLOW see: GB2975000
LEIVASOM see: TA0700000
LEKAMIN see: YE2800000
LEMAC see: AK0920000
LEMAC 1000 see: AK0920000
LEMASCORB see: CI7650000
LEMBROL see: DF1575000
LEMISERP see: ZG0350000
LEMMATOXIN see: RK0177900

OG8225100 LEMMATOXIN-C-C'
UPDT:8407 MW: 943.26 MOLFM: C48-H78-O18
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 iut-rat TDLo:1250 ug/kg (1D preg) CCPTAY 14,39,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OG8225300 LEMNA PAUCICOSTATA Hegelm., extract
DEF:Indian plant belonging to the family LEMNACEAE (IJEBA6 12,512,74)
UPDT:8305
SYN: CHOTA-KHUDIPANA EXTRACT
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:100 mg/kg IJEBA6 12,512,74

OG8225350 LEMNA POLYRRHIZA Linn., extract
DEF:Indian plant belonging to the family LEMNACEAE (IJEBA6 12,512,74)
UPDT:8305
SYN: BARA KHUDIPANA EXTRACT
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:150 mg/kg IJEBA6 12,512,74
LEMOFLUR see: WB0350000
LEMOL see: TR8100000
LEMOL 5-88 see: TR8100000
LEMOL 5-98 see: TR8100000
LEMOL 12-88 see: TR8100000
LEMOL 16-98 see: TR8100000
LEMOL 24-98 see: TR8100000
LEMOL 30-98 see: TR8100000
LEMOL 51-98 see: TR8100000
LEMOL 60-98 see: TR8100000
LEMOL 75-98 see: TR8100000
LEMOL GF-60 see: TR8100000
LEMON AJAX see: AX7660000
LEMON CHROME see: CQ8760000
LEMONENE see: DU8050000
LEMONGRAS OEL (German) see: OG8250000

OG8250000 LEMONGRASS OIL EAST INDIAN
DEF:Found in the grasses of CYMBOPOGON FLEXUOSUS and ANDROPOGON NARDUS VAR. FLEXUOSUS. The mainconstituent is CITRAL; prepared by steam distillation of the freshly cut and partially driedgrasses (FCTXAV 14,443,76)
UPDT:8305
SYN: EAST INDIAN LEMONGRASS OIL * LEMONGRAS OEL (German) * OIL of LEMONGRASS, EAST INDIAN
IRRITATION DATA AND REFERENCES:
skn-mus 100% MLD FCTXAV 14,455,76
skn-rbt 500 mg/24H MOD FCTXAV 14,455,76
skn-pig 100% MLD FCTXAV 14,455,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5600 mg/kg FCTXAV 14,455,76

OG8257000 LEMONGRASS OIL WEST INDIAN
UPDT:8305 CAS: 8007-02-1
SYN: OIL of LEMONGRASS, WEST INDIAN * WEST INDIAN LEMONGRASS OIL
IRRITATION DATA AND REFERENCES:
skn-mus 100% MLD FCTXAV 14,457,76
skn-rbt 500 mg/24H MOD FCTXAV 14,457,76
skn-pig 100% MLD FCTXAV 14,457,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OG8300000 LEMON OIL
UPDT:8401 CAS: 8008-56-8
SYN: CEDRO OIL * OIL of LEMON * ZITRONEN OEL (German)
IRRITATION DATA AND REFERENCES:
skn-mus 100% MLD FCTXAV 12,727,74
skn-rbt 500 mg/24H MOD FCTXAV 12,725,74
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:280 gm/kg/33W-I JNCIAM 24,1389,60
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2840 mg/kg PHARAT 14,435,59
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
LEMONOL see: RG5830000

OG8370000 LEMON PETITGRAIN OIL
UPDT:8401 CAS: 8008-56-8
IRRITATION DATA AND REFERENCES:
skn-mus 100% MLD FCTXAV 16,807,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
LEMON YELLOW see: CQ8760000
LEMON YELLOW see: GB2975000
LEMON YELLOW A see: UQ6400000
LEMON YELLOW A GEIGY see: UQ6400000
LEMORAN see: QD1925000
LENDINE see: GV4900000
LENETRAN see: RQ3500000
LENETRANAT see: RQ3500000
LENETRAN TAB see: RQ3500000
LENISARIN see: LQ7700000
LENOREMYCIN see: HL5522000
OG9160000 LENS ESCULENTA Moench., seed extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 6,232,68)
UPDT:8302
SYN: MASUR SEED EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg IJEBA6 6,232,68
LENTAC see: WP0400000
LENTANET see: SI1400000
LENTICILLIN see: XH9450000
LENTIN see: GA0875000
LENTINE (French) see: GA0875000
LENTIZOL see: HO9450000
LENTOCILLIN see: XH9425000
LENTOPEN see: XH9450000
LENTOPENIL see: XH9425000
LENTOTRAN see: DE9450000
LENTOX see: GV4900000
LENZITIN see: NQ7870000
LEO 1259a see: UH4429200
LEO 1261a see: UH4429200
LEO 1235g see: UH4429200
LEODRIN see: SI1750000
LEODRINE see: DK9625000
LEO 640 HYDROCHLORIDE see: AM6485000
LEO 101K see: UH4429200
LEOMYPEN see: XH9425000
LEONAL see: CQ6825000
OG9580200 LEONOTIS NEPETAEFOLIA R. Br., leaf and stem extract
DEF:Jamaican plant belonging to the family LABIATAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:40 gm/kg JPPMAB 14,556,62
OG9580300 LEONTOPODIUM ALPINUM Cass., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2H02N22 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78
OG9580500 LEONURUS SIBIRICUS Linn., extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 9,91,71)
UPDT:8302
SYN: DRON EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg IJEBA6 9,91,71
LEOPENTAL see: CQ6475000
LEOSTESIN see: AN7525000
LEOSTESIN HYDROCHLORIDE see: AN7600000
LEOSTIGMINE BROMIDE see: BR3150000
LEOSTIGMINE METHYL SULFATE see: CY1225000
LEPARGYLIC ACID see: CM1980000
LEPAZOL see: XF8225000
OH0240000 LEPEDIUM LATIFOLIUM Linn., extract
DEF:Indian plant belonging to the family CRUCIFERAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78
LEPENIL see: TZ0175000
LEPETOWN see: TZ0175000
LEPHEBAR see: CQ6825000
OH0315320 LEPIDAGATHIS CRISTATA Willd., extract
DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 18,594,80
OH0315330 LEPIDAGATHES CRISTATA Willd. var. RUPESTRIS, extract
DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 15,208,77
OH0315350 LEPIDAGATHIS CUSPIDATA Nees, extract
DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 9,91,71)
UPDT:8305
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg IJEBA6 9,91,71
OH0315360 LEPIDAGATHIS FASCICULATUS Nees, extract
DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:62500 ug/kg IJEBA6 18,594,80
OH0315370 LEPIDAGATHIS TRINERVIS Wall. ex Nees, extract
DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: HARANCHARO EXTRACT
TOXICITY DATA AND REFERENCES:
2H30V30 ipr-mus LD50:250 mg/kg IJEBA6 7,250,69
OH0316450 LEPIDINE, 2-(4-METHYL-1-PIPERAZINYL)-, DIHYDROCHLORIDE
UPDT:8403 MW: 314.29 MOLFM: C15-H19-N3 2Cl-H
SYN: 2-(4-METHYL-1-PIPERAZINYL)-LEPIDINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:270 mg/kg JAPMA8 46,279,57
LEPIMIDIN see: UV9100000
LEPINAL see: CQ6825000
LEPINALETTEN see: CQ6825000
LEPITOIN see: MU1400000
LEPITOIN see: MU1050000
LEPITOIN SODIUM see: MU1400000
LEPONEX see: HP1750000
LEPOTEX see: HP1750000
LEPSIN see: MU1050000
LEPSIRAL see: UV9100000
LEPTAMIN see: QS4375000
LEPTANAL see: DE2100000
LEPTANAL see: UE5600000
LEPTAZOL see: XF8225000
LEPTAZOLE see: XF8225000
LEPTINOTARSA DEFECTA TOXIN see: XW5815150
LEPTOFEN see: DE2100000
LEPTON see: RP6300000
LEPTOPHOS see: TB1720000
LERBEK see: UU7711500
LERCIGAN see: SO6825000
LERENOX see: DH6125000
LERGIGAN see: SO8225000 PHENOTHIAZINE, 10-(2-(DIMETHYLAMINO)PROPYL)-, MONOHYDROCHLORIDE
LERGIGAN see: SO6825000
LERGINE see: UY1925000
LERGINE CHLORIDE see: UY4280000
LERGITIN see: KV1915000
LERGOBIT see: BR0990000
LERITINE see: NS5250000
LERTUS see: UE7570000
LESAN see: CZ1750000
LESCOPINE BROMIDE see: YM3675000
OH1540000 LESPEDEZA CUNEATA (Dum-Cours.) G. Don, extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80
OH1541000 LESPEDEZA JUNCEA Pers., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1P02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78
LESPEDIN see: DJ2977500
LESTEMP see: AE4200000
LETHALAIRE G-52 see: UX6825000
LETHALAIRE G-54 see: TF4550000
LETHALAIRE G-57 see: XN4375000
LETHALAIRE G-58 see: DB5250000
LETHALAIRE G-59 see: UX5950000
LETHANE see: XK8400000
LETHANE 60 see: OF0875000
LETHANE 384 see: XK8400000
LETHANE 384 REGULAR see: XK8400000
OH2275000 LETHANE (special)
UPDT:8402 CAS: 63917-01-1
TOXICITY DATA AND REFERENCES:
orl-rat LD50:400 mg/kg AFDOAQ 15,122,51
3F07F12J26 skn-rat LD50:2500 mg/kg INMEAF 11,-,42
3F07F12J26 ipr-rat LD50:320 mg/kg INMEAF 11,-,42
3F07F12J26 scu-rat LD50:1 gm/kg INMEAF 11,-,42
3F07J26K13 orl-dog LD50:500 mg/kg INMEAF 11,-,42
3F07J26K13 ihl-dog LCLo:9800 mg/m3/H INMEAF 11,-,42
3F07J26K13 scu-dog LD50:1250 mg/kg INMEAF 11,-,42
3F07F12J26 orl-rbt LD50:120 mg/kg INMEAF 11,-,42
3F07F12J26 skn-rbt LD50:400 mg/kg INMEAF 11,-,42
3F07F12J26 ipr-rbt LD50:250 mg/kg INMEAF 11,-,42
3F07F12J26 scu-rbt LD50:500 mg/kg INMEAF 11,-,42
3F07F12J26 orl-gpg LD50:1500 mg/kg INMEAF 11,-,42
3F07F12J26 ihl-gpg LCLo:9800 mg/m3/H INMEAF 11,-,42
3F07F12J26 ipr-gpg LD50:260 mg/kg INMEAF 11,-,42
3F07F12J26 scu-gpg LD50:1400 mg/kg INMEAF 11,-,42
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
LETHELMIN see: SN5075000
LETHIDROME see: QC7700000
LETHIDRONE see: QC7700000
LETHOX see: TD5250000
LETHURIN see: KX4550000
L'ETHYLENE THIOUREE (French) see: NI9625000
LETTER see: XP3583000
OH2670000 LETTSOMIA AGGREGATA Roxb. var. OSYRENSIS Clarke, extract excluding roots
DEF:Indian plant belonging to the family CONVOLVULACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 12,512,74
OH2672000 LETTSOMIA SETOSA Roxb., extract excluding roots
DEF:Indian plant belonging to the family CONVOLVULACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: KOILERA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71
OH2674000 LETTSOMIA STRIGOSA Roxb., extract excluding roots
DEF:Indian plant belonging to the family CONVOLVULUCEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: BHIMSINGPHUL EXTRACT
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:94 mg/kg IJEBA6 12,512,74
LETUSIN see: EL2975000
LETYL see: TZ0175000
LEUCARSONE see: CF9275000
OH2808000 LEUCAS ASPERA Spreng., extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77
OH2808200 LEUCAS CEPHALOTUS (Roth) Spreng., extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80
OH2808400 LEUCAS CEPHALOTUS Sprent., extract excluding roots
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78
OH2808600 LEUCAS LANATA Benth., extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 18,594,80)
UPDT:8412

TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

OH2809000 LEUCAS LAVANDULAEFOLIA Rees., extract
DEF: Indian plant belonging to the family LABIATAE (IJEBA6 7,250,69)
UPDT:8302
SYN: GUMA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 7,250,69

OH2810000 LEUCAS STELLIGERA Wall., extract
DEF: Indian plant belonging to the family LABIATAE (IJEBA6 11,43,73)
UPDT:8302
SYN: BAMRUT EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 11,43,73

LEUCETHANE see: FAB400000
LEUCIDIL see: DD2800000
LEUCINE see: OH2850000
epsilon-LEUCINE see: MO6300000

OH2850000 LEUCINE, L-
UPDT:8411 CAS: 61-90-5 MW: 131.20 MOLFM: C6-H13-N-O2
SYN: alpha-AMINOISOCAPROIC ACID * 2-AMINO-4-METHYLPENTANOIC ACID * alpha-AMINO gamma-METHYLVALERIC ACID * LEUCINE * l-LEUCINE * NORVALINE, 4-METHYL- * VALERIC ACID, 2-AMINO-4-METHYL-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T29T34 orl-rat TDLo:138 gm/kg (5-15D preg) JONUAI 74,93,61
2T25T59 ipr-rat TDLo:90 mg/kg (1-6D preg) ADTEAS 5,77,72
1T45 ipr-rat TDLo:90 mg/kg (1-6D preg) NATWAY 56,37,69
2T34T43 ipr-rat TDLo:90 mg/kg (1-6D preg) NATWAY 56,37,69
3T41T42T25 ipr-rat TDLo:60 mg/kg (6-9D preg) NATWAY 56,37,69
2T46T53 ipr-rat TDLo:60 mg/kg (6-9D preg) WIMJAD 18,34,69
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:5379 mg/kg ABBIA4 58,253,55
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

L-LEUCINE see: OH2850000

OH2911000 LEUCINE, N-(N-(3-AMINO-3,3-DIPHOSPHONOPROPYL)GLYCYL)-, DIHYDRATE
UPDT:8306 CAS: 69408-67-9 MW: 441.37 MOLFM: C11-H25-N3-O9-P2 2H2-O
SYN: N-(N-(3-AMINO-3,3-DIPHOSPHONOPROPYL)GLYCYL)LEUCINE DIHYDRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg KHFZAN 12(11),35,78

OH2915000 L-LEUCINE, N-(3-AMINO-2-HYDROXY-1-OXO-4-PHENYLBUTYL)-, (S-(R*,S*))-
UPDT:8411 CAS: 58970-76-6 MW: 308.42 MOLFM: C16-H24-N2-O4
SYN: BESTATIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T12T13 orl-rat TDLo:31850 mg/kg (91D pre) OYYAA2 27,401,84
1T02 orl-rat TDLo:31850 mg/kg (91D male) OYYAA2 27,401,84
1T03 orl-rat TDLo:63700 mg/kg (91D male) OYYAA2 27,401,84
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg 85GDA2 4(1),231,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OH2920000 LEUCINE, N-CARBOXY-, N-BENZYL 1-(1,2-DIBROMOETHYL) ESTER, L-
UPDT:8305 MW: 451.20 MOLFM: C16-H21-Br2-N-O4
SYN: N-CARBOBENZOXY-L-LEUCINE 1,2-DIBROMOETHYL ESTER * L-N-CARBOXYLEUCINE N-BENZYL 1-(1,2-DIBROMOETHYL) ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 ipr-mus TDLo:280 mg/kg (28D pre) JPMSAE 68,696,79
1T22 ivg-mus TDLo:280 mg/kg (28D pre) JPMSAE 68,696,79
TOXICITY DATA AND REFERENCES:
* ivg-mus LD50:81 mg/kg JPMSAE 68,696,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OH2921000 LEUCINE, N-CARBOXY-, N-BENZYL ESTER, L-
UPDT:8305 CAS: 2018-66-8 MW: 265.34 MOLFM: C14-H19-N-O4
SYN: BENZYLOXYCARBONYLLEUCINE * BENZYLOXYCARBONYL-L-LEUCINE * N-BENZYLOXYCARBONYLLEUCINE * CARBOBENZOXYLEUCINE * CARBOBENZOXY-L-LEUCINE * N-CARBOBENZOXY-L-LEUCINE * CARBOBENZYLOXY-L-LEUCINE * L-N-CARBOXYLEUCINE N-BENZYL ESTER * L-LEUCINE, N-((PHENYLMETHOXY)CARBONYL)- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 ivg-mus TDLo:280 mg/kg (28D pre) JPMSAE 68,696,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OH2922000 LEUCINE, N-CARBOXY-, N-BENZYL 1-VINYL ESTER
UPDT:8305 MW: 291.38 MOLFM: C16-H21-N-O4
SYN: N-CARBOBENZOXY-L-LEUCINE VINYL ESTER * L-N-CARBOXYLEUCINE N-BENZYL 1-VINYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 ivg-mus TDLo:280 mg/kg (28D pre) JPMSAE 68,696,79
TOXICITY DATA AND REFERENCES:
* ivg-mus LD50:500 mg/kg JPMSAE 68,696,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OH2940000 L-LEUCINE, N-(N-((2-CHLOROETHYL)NITROSOCARBAMOYL)-L-ALANYL)-, METHYL ESTER
UPDT:8303 MW: 350.85 MOLFM: C13-H23-Cl-N4-O5
SYN: ALA-LEU CNU * N-(N-((2-CHLOROETHYL)NITROSOCARBAMOYL)-L-ALANYL)-L-LEUCINE METHYL ESTER * ESTER METHYLIQUE du N-((CHLORO-2-ETHYL)NITROSOCARBAMOYL)-L-ALANYL-L-LEUCINE (French) * ICIG 1812
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:60 mg/kg EJMCA5 17,257,82

OH2945000 LEUCINE, N-((2-CHLOROETHYL)NITROSOCARBAMOYL)-, METHYL ESTER, L-
UPDT:8303 MW: 279.76 MOLFM: C10-H18-Cl-N3-O4
SYN: L-N-((2-CHLOROETHYL)NITROSOCARBAMOYL)LEUCINE METHYL ESTER * ESTER METHYLIQUE de la N-((CHLORO-2-ETHYL)NITROSOCARBAMOYL)-L-LEUCINE (French) * ICIG 1772 * LEU CNU
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:140 mg/kg EJMCA5 17,257,82

OH3160000 LEUCINE, N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-, L-
UPDT:8308 MW: 438.55 MOLFM: C21-H26-N8-O3
SYN: N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL-L-LEUCINE * 6-MAB-L-LEU
TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:184 mg/kg NEOLA4 29,43,82

OH3162000 LEUCINE, N-(4,5-DICHLORO-2-NITROPHENYL)-, DL-
UPDT:8405 MW: 321.18 MOLFM: C12-H14-Cl2-N2-O4
SYN: N-(4,5-DICHLORO-2-NITROPHENYL)-DL-LEUCINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:200 mg/kg JPMSAE 51,783,62

OH3165000 LEUCINE, N-(((DIETHOXYPHOSPHINOTHIOYL)THIO)ACETYL)-, ETHYL ESTER
UPDT:8402 MW: 385.52 MOLFM: C14-H28-N-O5-P-S2
SYN: N-(((DIETHOXYPHOSPHINOTHIOYL)THIO)ACETYL)LEUCINE ETHYL ESTER * N-(MERCAPTOACETYL)LEUCINE ETHYL ESTER S-ESTER with O,O-DIETHYLPHOSPHORODITHIOATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1100 mg/kg IANBAM (2),242,82

OH3167000 LEUCINE, N-(2,4-DINITROPHENYL)-, DL-
UPDT:8405 CAS: 10484-03-4 MW: 297.30 MOLFM: C12-H15-N3-O6
SYN: N-(2,4-DINITROPHENYL)-DL-LEUCINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:400 mg/kg JPMSAE 51,783,62

OH3167500 LEUCINE, N-(DITHIOCARBOXY)-, L-, DISODIUM SALT
UPDT:8408 CAS: 75808-45-6 MW: 251.29 MOLFM: C7-H11-N-O2-S2 2Na
SYN: L-N-(DITHIOCARBOXY)LEUCINE DISODIUM SALT
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1589 mg/kg PRLFAG 32(2),55,80

L-LEUCINE, N-((PHENYLMETHOXY)CARBONYL)- (9CI) see: OH2921000
LEUCINOCAINE MESYLATE see: SA6475000
LEUCINOCAINE METHANESULFONATE see: SA6475000
LEU CNU see: OH2945000
LEUCO-4 see: AU6125000
LEUCOALIZARIN see: CB1220000
LEUCO-1,4-DIHYDROXY-5,8-DIMETHYLAMINO-9,10-ANTHRAQUINONE see: CA7782500
LEUCOGEN see: CI9000000
LEUCOL see: VA9275000
LEUCOLINE see: NW6825000
LEUCOLINE see: VA9275000
LEUCOMYCIN see: WG9400000
LEUCOMYCIN V, 9-DEOXY-12,13-EPOXY-9-OXO-, 3-ACETATE 4(sup B)-(3-METHYLBUTANOATE) see: MM0525000

OH4730500 LEUCOMYCIN, (R-(R*,R*))-2,3-DIHYDROXYBUTANEDIOATE (salt)
UPDT:8312 CAS: 37280-56-1
SYN: KITASAMYCIN TARTRATE * LEUCOMYCIN TARTRATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2000 mg/kg 85ERAY 1,106,78
* scu-mus LD50:650 mg/kg 85ERAY 1,106,78
* ivn-mus LD50:650 mg/kg NIIRDN 6,199,82

OH4730600 LEUCOMYCIN V, 3,4(sup B)-DIPROPANOATE
UPDT:8302 CAS: 35457-80-8 MW: 814.09 MOLFM: C41-H67-N-O15
SYN: ANTIBIOTIC SF 837 * ANTIBIOTIC SF 837 A1 * ANTIBIOTIC SF 837A(sub 1) * ANTIBIOTIC YL 704 B1 * ANTIBIOTIC YL 704B(sub 1) * ESPINOMYCIN A * MEDEMYCIN * MIDECAMYCIN * MIDECAMYCIN A(sub 1) * MYDECAMYCIN * PLATENOMYCIN B1 * SF 837 * TURIMYCIN P(sub 3) * YL 704 B(sub 1)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T34T35 orl-rat TDLo:18 gm/kg (10-15D preg) JJANAX 25,187,72
1T86 orl-rat TDLo:3 gm/kg (10-15D preg) JJANAX 25,187,72
1T81 orl-rat TDLo:6 gm/kg (10-15D preg) JJANAX 25,187,72
1T34 orl-mus TDLo:3 gm/kg (8-13D preg) JJANAX 25,193,72
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:9600 mg/kg NIIRDN 6,810,82
* orl-mus LD50:5800 mg/kg NIIRDN 6,810,82
* ivn-mus LD50:1000 mg/kg 85GDA2 2,83,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LEUCOMYCIN TARTRATE see: OH4730500
LEUCOPARAFUCHSIN see: PB7350000
LEUCOPARAFUCHSINE see: PB7350000
LEUCOPIN see: LV2625000

OH4745000 LEUCOSCEPTRUM CANUM Sm., extract excluding roots
DEF: Indian plant belonging to the family LABIATAE (IJEBA6 12,512,74)
UPDT:8302
SYN: CHURPIS EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:500 mg/kg IJEBA6 12,512,74

LEUCOSOL GOLDEN YELLOW see: HO7030000
LEUCOTHANE see: FAB400000
LEUCOVYL PA 1302 see: AK0950000
N-L-LEUCYLCARMINOMYCIN see: QI9293050
N-(L-LEUCYL)-DAUNORUBICIN see: QI9297300
N-L-LEUCYLKARMINOMYCIN see: QI9293050
(D-LEU(sup 6),DES-GLY(sup 10))-GONADOTROPIN RELEASING HORMONE ETHYLAMIDE see: OK6515000LUTEINIZING HORMONE-RELEASING HORMONE, (D-LEU(sup 6),DES-GLY(sup 10))-, ETHYLAMIDE
(D-LEU(sup 6),DES-GLY(sup 10))-LHRH ETHYLAMIDE see: OK6515000 LUTEINIZING HORMONE-RELEASINGHORMONE, (D-LEU(sup 6),DES-GLY(sup 10))-, ETHYLAMIDE
(D-LEU(sup 6),DES-GLY(sup 10))-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE see: OK6515000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-LEU(sup 6),DES-GLY(sup 10))-,ETHYLAMIDE
(D-LEU(sup 6),DES-GLY-NH2(sup 10))-LHRH ETHYLAMIDE see: OK6520000
(D-LEU(sup 6),DES-GLY-NH2(sup 10))-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE see: OK6520000
(D-LEU(sup 6),DES-GLY-NH2(sup 10),PRO-ETHYLAMIDE(sup 9))-GONADOTROPIN-RELEASING HORMONE see: OK6700000
(D-LEU(sup 6),DES-GLY-NH2(sup 10),PRO-ETHYLAMIDE(sup 9))-GONADOTROPIN RELEASING HORMONE see: OK6530000
(D-LEU(sup 6),DES-GLY-NH2(sup 10),PRO-ETHYLAMIDE(sup 9))-GnRH see: OK6700000
(D-LEU(sup 6),DES-GLY-NH2(sup 10),PRO-ETHYLAMIDE(sup 9))-GnRH see: OK6530000
(D-LEU(sup 6),DES-GLY-NH2(sup 10),PRO-ETHYLAMIDE(sup 9))-LHRH see: OK6530000
(D-LEU(sup 6)-DES-GLY(sup 10)-PRO(sup 9))-LHRH ETHYLAMIDE see: OK6540000
(D-LEU(sup 6)-DES-GLY(sup 10)-PRO(sup 9))-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE see: OK6540000
Z-(LEU(sup 1)-DES-HIS(sup 2))-LHRH HYDROCHLORIDE HYDRATE (2:3:6) see: OK6545000
Z-(LEU(sup 1)-DES-HIS(sup 2))-LUTEINIZING HORMONE-RELEASING HORMONE HCl H2-O (2:3:6) see: OK6545000
LEUKAEMOMYCIN C see: HB7875000
LEUKAEMOMYCIN D see: QI9335000
LEUKERAN see: UO9800000
LEUKERAN see: ES7525000
LEUKERIN see: UO9800000
LEUKERSAN see: ES7525000
LEUKOL see: VA9275000
LEUKOMYAN see: AB6825000
LEUKOMYCIN see: AB6825000
(D-LEU(sup 6))-LHRH see: OK6510000
(D-LEU(sup 6))-LHRH ETHYLAMIDE see: OK6547000
(D-LEU(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6510000
(D-LEU(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE see: OK6547000
(D-LEU(sup 6)(N(sup alpha)-ME)LEU(sup 7))-LHRH see: OK6560000
(D-LEU(sup 6)(N(sup alpha)-ME)LEU(sup 7))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6560000
LEUNA M see: AG1575000
LEUNASE see: CI9000000

OH6300000 LEUROCRISTINE
UPDT:8412 CAS: 57-22-7 MW: 825.06 MOLFM: C46-H56-N4-O10
SYN: LCR * NCI-C04864 * NSC-67574 * 22-OXOVINCALEUKOBLASTINE * ONCOVIN * VCR * VINCALEUKOBLASTINE, 22-OXO- * VINCRYSTINE * VINKRISTIN * VINCRISTINE
IRRITATION DATA AND REFERENCES:
skn-rbt 15 mg/24H rns TXCYAC 14,117,79

MUTATION DATA AND REFERENCES:

cyt-hmn:leu 1250 ug/L	CNREA8 36,2710,76
mnt-mus-ipr 125 ug/kg	MUREAV 120,127,83
mma-mus:lym 500 ug/L	DCTODJ 1,277,78
dns-mus:oth 500 nmol/L	CNREA8 43,3591,83
dni-mus:oth 100 ug/L	CNREA8 37,2998,77
dni-mus:fbr 1200 nmol/L	CNREA8 40,1707,80
dni-mus:oth 100 nmol/L	CNREA8 43,3591,83
oms-mus:lym 500 nmol/L	CNREA8 42,791,82
oms-mus:oth 30 nmol/L	CNREA8 42,791,82
oms-mus/ast 2 ug/kg	CNREA8 40,1707,80
cyt-mus-unk 1 mg/kg	MUREAV 85,299,81
cyt-mus/ast 700 ug/kg	JNCIAM 60,649,78
dlt-mus-unk 500 ug/kg	MUREAV 85,299,81
msc-mus:lym 500 ug/L	DCTODJ 1,277,78
mnt-ham-ipr 100 ug/kg/24H	MUREAV 40,325,76
oms-ham:ovr 7300 pmol/L	CNREA8 38,2886,78
cyt-ham-unk 7500 ng/kg	MUREAV 74,166,80
cyt-ham:ovr 1 mg/L	ENMUDM 2,455,80
sce-ham-unk 120 ug/kg	MUREAV 74,166,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T41T43T46	ipr-rat TDLo:125 ug/kg (9D preg)	ARINAU 15,61,67
3T50T53T55	ipr-rat TDLo:125 ug/kg (9D preg)	ARINAU 15,61,67
2T26T35	ipr-rat TDLo:125 ug/kg (9D preg)	ARINAU 15,61,67
1T42	ipr-rat TDLo:150 ug/kg (9D preg)	ARINAU 15,61,67
3T34T35T46	ipr-mus TDLo:200 ug/kg (7D preg)	TJADAB 18,31,78
3T41T42T45	ipr-mus TDLo:200 ug/kg (8D preg)	TJADAB 18,31,78
1T43	ipr-mus TDLo:200 ug/kg (6D preg)	TJADAB 18,31,78
1T11	ipr-mus TDLo:300 ug/kg (6D preg)	TJADAB 18,31,78
1T01	ivn-mus TDLo:1700 ug/kg (1D male)	CNREA8 39,3575,79
3T41T42T46	ivn-ham TDLo:100 ug/kg (8D preg)	SCIEAS 141,426,63
1T35	ivn-ham TDLo:100 ug/kg (8D preg)	SCIEAS 141,426,63

TUMORIGENIC DATA AND REFERENCES:

3V03N60R60	ipr-rat TDLo:1200 ug/kg/7W-I	CANCAR 40(Suppl 4),1935,77
3V03J60R60	ipr-mus TDLo:5850 ug/kg/26W-I	CANCAR 40(Suppl 4),1935,77

TOXICITY DATA AND REFERENCES:

3F12K14P20	par-chd LDLo:8290 ug/kg	ADCHAK 51,289,76
3F07F14K13	ivn-chd TDLo:500 ug/kg	JOPDAB 81,90,72
2C08J30	ivn-hmn TDLo:120 ug/kg/8W	BMJOAE 1,1251,77
3C04K30P26	unk-man TDLo:24 ug/kg	CNCRA6 50,219,66
*	ipr-rat LD50:1250 ug/kg	ADTEAS 3,181,68
1V30	ivn-rat LD50:1300 mg/kg	AIPTAK 157,299,65
*	ipr-mus LD50:1300 ug/kg	CTRRDO 65,1049,81
	ivn-mus LD50:1700 ug/kg	CNREA8 39,3575,79
	unk-mus LD10:180 ug/kg	CNCRA6 50,219,66
1V30	par-ham LD10:350 ug/kg	JSONAU 15,355,80

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: MIMDAL 57(1),19,74; 32XPAD -,49,75; ARVPAX 5,447,65; CRTXB2 2,159,73

STATUS:

★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS INDEFINITE:MOUSE,RAT (CANCAR 40(Suppl 4),1935,77)

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OH6340000 LEUROCRISTINE SULFATE (1:1)

UPDT:8408 CAS: 2068-78-2 MW: 923.14 MOLFM: C46-H56-N4-O10 . H2-O4-S

SYN: ONCOVIN * VINCALEUKOBLASTINE, 22-OXO-, SULFATE (1:1) (SALT) * VINCRISTINE SULFATE

MUTATION DATA AND REFERENCES:

dni-hmn:oth 69120 pmol/L	CNREA8 38,560,78
oms-hmn:oth 540 pmol/L	CNREA8 38,560,78
spm-rat-ipr 75 ug/kg	ANDRDQ 5,245,73
oms-mus/ast 4500 ng/kg	DMWOAX 100,54,75
mnt-ham-ipr 200 ug/kg	HEREAY 93,329,80
sce-ham:ovr 50 ug/L	ENMUDM 4,65,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T41T42T43	ims-rat TDLo:250 ug/kg (8D preg)	AAHEAF 48,181,65
1T59	ipr-mus TDLo:300 ug/kg (7D preg)	JEZOAO 227,49,83
3T41T42T43	ipr-mus TDLo:250 ug/kg (9D preg)	TJADAB 2,235,69
3T45T46T34	ipr-mus TDLo:250 ug/kg (9D preg)	TJADAB 2,235,69
1T25	ipr-mus TDLo:250 ug/kg (9D preg)	TJADAB 2,235,69
1T33	ipr-mus TDLo:250 ug/kg (9D preg)	AJANA2 126,291,69

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:1900 ug/kg	NIIRDN 6,648,82
*	ivn-rat LD50:1500 ug/kg	NIIRDN 6,648,82
*	ipr-mus LD50:3 mg/kg	NIIRDN 6,648,82
*	ivn-mus LD50:2100 ug/kg	NIIRDN 6,648,82

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 26,365,81
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE	IARC** 26,365,81

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OH6350000 LEUROSIDINE

UPDT:8403 CAS: 15228-71-4 MW: 811.08 MOLFM: C46-H58-N4-O9

SYN: LEUROSIDINE DIACETATE * VINCALEUKOBLASTINE, (4-alpha)- (9CI) * VINROSIDINE * VINROSIDINE DIACETATE

TOXICITY DATA AND REFERENCES:

2F07F13	ipr-mus LD50:50 mg/kg	33GVAL -,72,75

LEUROSIDINE DIACETATE see: OH6350000

OH6370000 LEUROSINE

UPDT:8403 CAS: 23360-92-1 MW: 809.06 MOLFM: C46-H56-N4-O9

SYN: NSC-528004 * VINCALEUKOBLASTINE, 4-DEOXY-3',4'-EPOXY-, (3'-alpha,4'-alpha)- (9CI) * VINLEUROSINE

TOXICITY DATA AND REFERENCES:

	ipr-mus LDLo:50 mg/kg	33GVAL -,72,75

LEUTOSAN see: OW9750000
LEVADONE see: MJ6475000
LEVALLORPHAN see: QD0350000
(-)-LEVALLORPHAN see: QD0350000
LEVALLORPHAN TARTRATE see: QD0480000
l-LEVALLORPHAN TARTRATE see: QD0480000
LEVALLORPHINE TARTRATE see: QD0480000
LEVAMISOLE see: NJ5935000
LEVAMISOLE see: NJ5960000
LEVAMISOLE HYDROCHLORIDE see: NJ5960000
LEVANIL see: YT2800000
LEVANOL RED GG see: QJ6475500
LEVANOX GREEN GA see: GB6475000
LEVANOX GREEN GA (HYDRATED CHROMIC OXIDE) see: GB6475000
LEVANOX RED 130A see: NO7400000
LEVANOX WHITE RKB see: XR2275000
LEVANXENE see: DF1225000
LEVANXOL see: DF1225000
LEVARTERENOL see: DN5950000
LEVARTERENOL BITARTRATE see: DN6750000

OH7420500 LEVATERA KASHMERIANA Comp., extract

DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 16,228,78)
UPDT:8412

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:500 mg/kg	IJEBA6 16,228,78

LEVATROM see: UE9480000
LEVAXIN see: XP3583000
LEVETAMIN see: SH5075000
LEVETIMIDE see: MA4029500
LEVIL see: YT2800000
LEVISOPRENALINE see: DO1750010
LEVIUM see: DF1575000
LEVOARTERENOL see: DN5950000
LEVODOPA see: AY5600000
LEVODOPA METHYL ESTER see: AY5960000
LEVOMICETINA see: AB6825000
LEVOMYCETIN see: AB6825000
LEVOMYCETIN HEMISUCCINATE see: WM9650000
LEVOMYCETIN SUCCINATE see: WM9650000
LEVOMYSOL HYDROCHLORIDE see: NJ5960000
LEVONOR see: SI1750000
LEVONORADRENALINE see: DN5950000
LEVONOREPINEPHRINE see: DN5950000
LEVONORGESTREL see: JF8259000
LEVOPA see: AY5600000
LEVOPHED see: DN5950000
LEVOPHED HYDROCHLORIDE see: DN6475000
LEVORENIN see: DO2625000
LEVORENINE see: DO2625000

OI0251000 LEVORIN

UPDT:8405 CAS: 11014-70-3
SYN: LEVORINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T27T35	orl-rat TDLo:100 mg/kg (9D preg)	ANTBAL 15,1089,70
1T59	orl-rat TDLo:2 gm/kg (1-20D preg)	ANTBAL 15,1089,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LEVORINE see: OI0251000
LEVOROXINE see: XP3583000
LEVORPHANOL TARTRATE see: QD1925000
LEVORPHAN TARTRATE see: QD1925000
LEVOTHYL see: MJ6475000
LEVOTHYROXINE see: YP2833500
LEVOTHYROXINE SODIUM see: XP3583000
LEVOXADROL HYDROCHLORIDE see: TM7640000
LEVOXAN see: TM7640000
LEVUGEN see: LS7000000
LEVULIC ACID see: OI1575000

OI1575000 LEVULINIC ACID

UPDT:8305 CAS: 123-76-2 MW: 116.13 MOLFM: C5-H8-O3

SYN: ACETOPROPIONIC ACID * beta-ACETYLPROPIONIC ACID * gamma-KETOVALERIC ACID * LAEVULINIC ACID * LEVULIC ACID * 4-OXOPENTANOIC ACID * 4-KETOVALERIC ACID * LAEVULIC ACID * PROPIONIC ACID, 3-ACETYL- * 4-OXOVALERIC ACID * USAF CZ-1 * VALERIC ACID, 4-OXO-

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD	FCTXAV 17,847,79

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1850 mg/kg	FCTXAV 17,847,79
	ipr-mus LD50:450 mg/kg	NTIS** AD607-952

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

LEVULINIC ACID, 2-AMINO-5-HYDROXY- see: SA3676000

OI1700000 LEVULINIC ACID, ETHYL ESTER

UPDT:8401 CAS: 539-88-8 MW: 144.19 MOLFM: C7-H12-O3

SYN: ETHYL 3-ACETYLPROPIONATE * ETHYL KETOVALERATE * ETHYL 4-KETOVALERATE * ETHYL LAEVULINATE * ETHYL LEVULATE * ETHYL 4-OXOPENTANOATE * ETHYL 4-OXOVALERATE * PENTANOIC ACID, 4-OXO-, ETHYL ESTER (9CI)

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD	FCTOD7 20(Suppl),679,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

LEVULINIC ACID, TRIPHENYLSTANNYL ESTER see: WH8596200
LEVULOSE see: LS7000000
LEWISITE see: CH2975000
LEWISITE II see: CG8350000
LEWISITE (ARSENIC COMPOUND) see: CH2975000
LEWISITE I OXIDE see: CH7300000
LEWIS-RED DEVIL LYE see: WB4900000
LEXATOL see: DO7525000
LEXIBIOTICO see: XI0350000
LEXOMIL see: DE9800000
LEXONE see: XZ2990000
LEXOTAN see: DE9800000
LEXOTANIL see: DE9800000
LEY-CORNOX see: AF9700000
LEYMIN see: AF9700000
LEYSPRAY see: AG1575000
LEYTOSAN see: OW9750000
LEYTOSAN see: OV6475000
LF 62 see: FD1150000
LF 153 see: UA2453000
LFA 2043 see: NI8870000
LF 178 ACID see: UA2453000
LG 152 see: AB2825300
LG 50043 see: QF1050000
L.G. 11,457 HYDROCHLORIDE see: UH0350000
LH see: NS1925000
LH see: OK6367000
LH 3012 see: ZH4950000
LH ANTISERUM see: OK6368000
LHAS see: OK6368000

OI2237000 L-HPC

UPDT:8406 CAS: 78214-41-2
SYN: HYDROXYPROPYLCELLULOSE of LOW SUBSTITUTION

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T16T34T46	orl-rat TDLo:11 gm/kg (7-17D preg)	OYYAA2 16,271,78

3T72T76T86 orl-rat TDLo:11 gm/kg (7-17D preg) OYYAA2 16,271,78
1T34 orl-rat TDLo:11 gm/kg (MGN) OYYAA2 16,271,78
2T24T25 orl-rat TDLo:55 gm/kg (7-17D preg) OYYAA2 16,271,78
1T25 orl-rbt TDLo:13 gm/kg (6-18D preg) OYYAA2 16,259,78
1T24 orl-rbt TDLo:65 gm/kg (6-18D preg) OYYAA2 16,259,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LH-RELEASING FACTOR see: OK6372000
LH-RELEASING HORMONE see: OK6372000
LH-RF see: OK6372000
LH-RH see: OK6372000
LH-RH conjugated to BOVINE SERUM ALBUMIN see: OK6450000
LHRH DIACETATE see: OK6470000
LHRH DIACETATE TETRAHYDRATE see: OK6480000
LH-RH/FSH-RH see: OK6372000
LHRH MONOACETATE TETRAHYDRATE see: OK6590000
LH 30/Z see: ZH4950000
LIA-0331 see: CB9625700
LIA-0191-A see: CB9625710
LIATRIS see: HE7200000
LIATRIX OLEORESIN see: HE7200000
LIBAVIUS FUMING SPIRIT see: XP8750000
LIBERETAS see: DF1575000
LIBEXIN see: TM7750000
LIBIOLAN see: TZ0175000
LIBRATAR see: TL2380000
LIBRAX see: DE9275000
LIBRININ see: DE9275000
LIBRITABS see: DE9275000
LIBRIUM see: DE9275000
LIBRIUM see: DE9450000
LIBRIUM HYDROCHLORIDE see: DE9450000
LICABILE HYDROCHLORIDE see: TX7150000
LICARAN HYDROCHLORIDE see: TX7150000
LICAREOL ACETATE see: RG5910000
LICHENIC ACID see: LS9625000
LICHENOL see: VC0250000
LICHTGRUEN (German) see: BQ4900000
LICIDRIL see: AG0430000
LICORICE see: MD2007000

013370000 LICORICE COMPONENT FM 100
UPDT:8404 CAS: 11114-18-4
SYN: FM 100

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:641 mg/kg YKKZAJ 89,879,69
ivn-mus LD50:251 mg/kg YKKZAJ 89,879,69

STATUS:
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0278-0051;8EHQ-0278-0065;8EHQ-0278-0137

LICORICE EXTRACT see: MD2007000
LICORICE ROOT see: MD2007000
LICORICE ROOT EXTRACT see: MD2007000
LIDA-MANTLE see: AN7525000
LIDAMYCIN CREME see: QP4375000
LIDASE see: MT7260000
LIDENAL see: GV4900000
LIDOCAINE see: AN7525000
LIDOCAINE HYDROCHLORIDE see: AN7600000
LIDOCAIN HYDROCHLORIDE see: AN7600000
LIDOL see: NS5775000
LIDOL see: NS5950000
LIDOTHESIN HYDROCHLORIDE see: AN7600000
LIFEAMPIL see: XH8350000
LIFEAMPIL see: XH8425000
LIFENE see: WN3325000
LIFRIL see: YR0450000

014330000 LIGATOXIN A
UPDT:8402 CAS: 83589-73-5

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 mg/kg APSXAS 19,285,82

LIGHT CAMPHOR OIL see: EX1490000
LIGHT FAST YELLOW ES see: DB5042500
LIGHT GREEN CF see: BQ4900000
LIGHT GREEN FCF YELLOWISH see: BQ4900000
LIGHT GREEN FS see: BQ4900000
LIGHT GREEN G see: BQ4900000
LIGHT GREEN 2GN see: BQ4900000
LIGHT GREEN LAKE see: BQ4900000
LIGHT GREEN S see: BQ4900000
LIGHT GREEN SF see: BQ4900000
LIGHT GREEN SFA see: BQ4900000
LIGHT GREEN SFD see: BQ4900000
LIGHT GREEN SF YELLOWISH see: BQ4900000
LIGHT GREEN YELLOWISH see: BQ4900000
LIGHTHOUSE CHROME BLACK 6B see: QK2195000
LIGHTHOUSE CHROME BLUE 2R see: QK1925000
LIGHTHOUSE CHROME ORANGE see: VO5310000
LIGHT OIL of CAMPHOR see: EX1490000
LIGHT ORANGE CHROME see: OF9800000
LIGHT ORANGE R see: QL3854000
LIGHT RED see: NO7400000
LIGHT SF YELLOWISH (BIOLOGICAL STAIN) see: BQ4900000
LIGHT SPAR see: EW4150000
LIGHT YELLOW JB see: AK4580000
LIGHT YELLOW JBO see: AK4580000
LIGHT YELLOW JBT see: AK4580000
LIGNASAN see: OW3750000
LIGNASAN BLP see: EY8592000
LIGNASAN FUNGICIDE see: OW4375000
LIGNASAN-X see: OW4375000

016000000 LIGNIN
UPDT:8305 CAS: 9005-53-2
SYN: BIOLIGNIN * CELLULASE LIGNIN * DHP LIGNIN * INDULIN * LATEX XD 7151 * METHILLIGNIN * NATIVE LIGNIN * PEPPER LIGNIN * PROTOLIGNIN * REAX 31

MUTATION DATA AND REFERENCES:
mmo-sat 400 uL/plate BECTA6 24,590,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LIGNOCAINE see: AN7525000
LIGNOCAINE HYDROCHLORIDE see: AN7600000
LIGNOLIA see: YY3177000
LIGNYL ACETATE see: RC8880000
LIGROIN see: SE7555000

016180600 LIGUSTICUM ELATUM C.B. Clarke, root extract
DEF:Indian plant belonging to the family UMBELLIFERAE (IJEBA6 16,228,78)
UPDT:8412

TOXICITY DATA AND REFERENCES:
1G07 ipr-rat LD50:750 mg/kg IJEBA6 16,228,78

016180700 LIGUSTRUM COMPACTUM Hook f. & Thoms, extract excluding roots
DEF:Indian plant belonging to the family OLEACEAE (IJEBA6 18,594,80)
UPDT:8412

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

LIHOCIN see: BP5250000
LIKUDEN see: WG9800000
LILACILLIN see: XH9890000
LILIAL see: MW4895000
LILIAL-METHYLANTHRANILATE, Schiff's base see: CB2559200
LILLY 1516 see: SO6825000
LILLY 01516 see: SO6825000
LILLY 20522 see: DO1200000
LILLY 22641 see: ZG0875000
LILLY 34,314 see: AB8050000
LILLY 36,352 see: XU9275000
LILLY 38253 see: XI0383000
LILLY 39435 see: XI0345000
LILLY 40602 see: UU3675000
LILLY-68618 see: MP8050000
LILLY 69323 see: CY1678900
LILLY COMPOUND LY133314 see: OB1832000
LILLY RES. NO 28002 see: DW0900000
LILYAL see: MW4895000
LILYL ALDEHYDE see: RG7850000
LIMARSOL see: CF8400000
LIMAS see: OJ5800000
LIMAWOOD EXTRACT see: DE3124000
LIMBIAL see: DF1400000
LIME see: EW3100000
LIME, BURNED see: EW3100000
LIME CHLORIDE see: NH3485000
LIMED ROSIN see: EW3970000
LIME-NITROGEN see: GS6000000
LIME NITROGEN (DOT) see: GS6000000
LIME OIL see: RI7270000
LIMESTONE see: EV9580000
LIME, UNSLAKED (DOT) see: EW3100000
LIME WATER see: EW2800000
LIMIT see: QE2450000
LIMONENE see: OS8100000
(-)-LIMONENE see: OS8350000
d-LIMONENE see: GW6360000
D-(+)-LIMONENE see: GW6360000
dl-LIMONENE see: OS8100000
l-LIMONENE see: OS8350000
(+)-R-LIMONENE see: GW6360000
LIMONENE DIOXIDE see: OS9100000
d-LIMONENE-1,2-EPOXIDE see: OT0175040
LIMONENE OXIDE see: OS9275000
(+)-LIMONENE OXIDE see: OT0175040

017710000 LIMONITE
UPDT:8004 CAS: 1317-63-1
SYN: BROWN HEMATITE * BROWN IRON ORE * BROWN IRONSTONE CLAY * IRON SESQUIOXIDE HYDRATED

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:INDEFINITE IARC** 1,29,72

LIMONIUM NASHII see: OQ0761000
LIN 1418 see: BZ3390000
LINALOL see: RG5775000
LINALOL ACETATE see: RG5910000
LINALOOL see: RG5775000
LINALOOL ACETATE see: RG5910000

017782000 LINALOOL, EPOXYDIHYDRO-, mixed isomers
UPDT:8412 MW: 184.31 MOLFM: C11-H20-O2

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTOD7 21,863,83

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1150 mg/kg FCTOD7 21,863,83
* skn-rbt LD50:2500 mg/kg FCTOD7 21,863,83

LINALOOL ISOBUTYRATE see: NQ4610000
LINALOOL TETRAHYDRIDE see: RH0905000
LINALYL ACETATE see: RG5910000
LINALYL ALCOHOL see: RG5775000
LINALYL o-AMINOBENZOATE see: CB3250000
LINALYL ANTHRANILATE see: CB3250000
LINALYL BENZOATE see: DH3300000
LINALYL CINNAMATE see: GD9700000
LINALYL ISOBUTYRATE see: NQ4610000
LINALYL ISOVALERATE see: RG5927200
LINAMIN see: LQ0750000
LINAMPHETA see: SI1750000
LINAMPHETA see: XH5600000

017876000 LINARIA DALMATICA Linn., extract
DEF:Indian plant belonging to the family SCROPHULARIACEAE (IJEBA6 16,228,78)
UPDT:8412

TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:750 mg/kg IJEBA6 16,228,78

LINARIS see: UV8240000
LINARODIN see: AM9240000
LINASEN see: CQ6825000
LINAXAR see: KI2625000
LINCOCIN see: RH6315500
LINCOCIN HYDROCHLORIDE HYDRATE see: RH6315500
LINCOLN RED 1002 see: QL3436000
LINCOMYCIN, HYDROCHLORIDE, HEMIHYDRATE see: RH6315500
LINCOMYCIN, HYDROCHLORIDE HYDRATE see: RH6315500
LINCOMYCIN HYDROCHLORIDE MONOHYDRATE see: RH6315500
LINCTUSSAL see: QK1445000
LINDAFOR see: GV4900000
LINDAGAM see: GV4900000

LINDAGRAIN see: GV4900000
LINDAGRANOX see: GV4900000
LINDAN see: TC0350000
LINDANE see: GV4900000
alpha-LINDANE see: GV3500000
beta-LINDANE see: GV4375000
gamma-LINDANE see: GV4900000
LINDANE (DOT) see: GV4900000
LINDAPOUDRE see: GV4900000
LINDATOX see: GV4900000
LINDATOX see: CV4900000

OI8978000 LINDENBERGIA INDICA (Linn.) Kuntze, extract
DEF:Indian plant belonging to the family SCROPHULARIACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: PILI-SAHADEVI EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

OI8978500 LINDENBERGIA MACROSTACHYA Benth., extract
DEF:Indian plant belonging to the family SCROPHULARIACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 18,594,80

OI8979000 LINDENBERGIA MACROSTACHYA Benth., extract excluding roots
DEF:Indian plant belonging to the family SCROPHULARIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

LINDEROL see: DT5095000
LINDOL see: TD0175000
LINDOSEP see: GV4900000
LINDRIDE see: TI3325000
LINEAR ALKYLBENZENE SULFONATE see: DB4370000
LINEAR ALKYLBENZENESULFONATE MAGNESIUM SALT see: DB4371000
LINEAR ALKYLBENZENE SULFONATE and TALLOW ALKYL ETHOXYLATE SULFATE see: DB4727000
LINEAR ALKYLBENZENE SULPHONATE see: DB4370000
LINE RIDER see: AJ8400000
LINESTRENOL see: RC8964300
LINEVOL 7-9 see: TI0585000
LINEVOL 79 see: TI0585000
LINEX 4L see: YS9100000
LINFOLYSIN see: ES7525000
LINGEL see: UQ8225000
LINGRAINE see: KE8225000
LINGRAN see: KE8225000
LINGUSORBS see: TW0175000
LINODIL see: NM7535400

OI9410000 LINOLEAMIDE, N-(alpha-METHYLBENZYL)-
UPDT:8406 CAS: 14417-88-0 MW: 383.68 MOLFM: C26-H41-N-O
SYN: AC-223 * MELINAMIDE * N-(alpha-METHYLBENZYL)LINOLEAMIDE * (Z,Z)-N-(1-PHENYLETHYL)-9,12-OCTADECADIENAMIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:3100 mg/kg OYYAA2 4,327,70

OI9530000 LINOLEIC ACID, HYDROPEROXY-, METHYL ESTER
UPDT:8309 CAS: 27323-65-5 MW: 310.53 MOLFM: C19-H34-O3
SYN: METHYLHYDROPEROXYOCTADECADIENOATE * METHYL LINOLEATE HYDROPEROXIDE * 9,12-OCTADIENOIC ACID, HYDROPEROXY-, METHYL ESTER (Z,Z)- (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate FCTOD7 21,175,83
mma-sat 150 ug/plate ABCHA6 44,1989,80

OI9550000 LINOLEIC ACID mixed with OLEIC ACID
UPDT:8401
SYN: OLEIC ACID mixed with LINOLEIC ACID * (Z)-9-OCTADECENOIC ACID mixed with (Z,Z)-9,12-OCTADECADIENOIC ACID
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-mus TDLo:33 gm/kg/52W-C PAACA3 14,35,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LINOLEIC DIETHANOLAMIDE see: RF9968000
LINOLENATE HYDROPEROXIDE see: SE0580000
LINOLENIC HYDROPEROXIDE see: SE0580000
LINORAL see: RC8925000
LINORMONE see: AG1575000
LINOROX see: YS9100000

OI9690000 LINSEED OIL
UPDT:8305 CAS: 8001-26-1
SYN: GROCO * L-310
IRRITATION DATA AND REFERENCES:
skn-hmn 300 mg/3D-I MOD 85DKA8 -,127,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LINTON see: EU1575000
LINTOX see: GV4900000

OI9720000 LINUM USITATISSIMUM Linn., seed extract
DEF:Indian plant belonging to the family LINACEAE (IJEBA6 6,232,68)
UPDT:8302
SYN: ALSI SEED EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 6,232,68

LINUREX see: YS9100000
LINURON see: YS9100000
LINURON (HERBICIDE) see: YS9100000
LIO-ATROPIN see: CK2450000
LIOMYCIN see: QI8925000
LIORESAL see: MW5084200
LIOSOL see: ES7400000
LIOTHYRONIN see: AY6750000
LIOTHYRONINE see: AY6750000
L-LIOTHYRONINE see: AY6750000
LIOXIN see: YW5775000
LIPAL 15-DS see: TQ4375000
LIPAL 4LA see: MD0875000
LIPAL 20-OA see: RK2975000
LIPAL 400-OL see: MD0880000
LIPAL 30W see: MD0880000
LIPAMID see: UE9480000
LIPAMONE see: SL0590000
LIPAN see: GO9625000
LIPARITE see: EW1760000
LIPARON see: KK6650000
LIPAVIL see: UE9480000
LIPAVLON see: UE9480000
LIPENAN see: UE9458000
LIPHADIONE see: NK5335000
LIPID CRIMSON see: QL5775000
LIPIDE 500 see: UE9480000
LIPIDSENKER see: UE9480000
LIPOCLIN see: ES8900000
LIPOCOL L-4 see: MD0875000
LIPOCOL L 12 see: MD0875000
LIPOCOL O-20 see: RK2975000
LIPO-DIAZINE see: WP1925000
LIPO EGMS see: WI4100000
LIPOFACTON see: UE9480000
LIPOGLUTAREN see: MA3753000
LIPO GMS 410 see: RG1925000
LIPO GMS 450 see: RG1925000
LIPO GMS 600 see: RG1925000
LIPO-HEPIN see: MI0700000
LIPOIC ACID see: JP1190000
alpha-LIPOIC ACID see: JP1190000
LIPO-LEVAZINE see: WP1925000
LIPO-LUTIN see: TW0175000
LIPOMID see: UE9480000
alpha-LIPONIC ACID see: JP1190000
LIPONORM see: UE9480000
alpha-LIPONSAEURE (German) see: JP1190000
LIPOPHOSPHODIESTERASE see: SZ6116000
LIPOPILL see: SH4025000
LIPOPOLYSACCHARIDE see: UX2990000

OJ0895400 LIPOPOLYSACCHARIDE, ESCHERICHIA COLI
UPDT:8403
SYN: E. COLI 0111:B4 LPS * ESCHERICHIA COLI LIPOPOLYSACCHARIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:7670 ug/kg MIIMDV 25,455,82

OJ0895500 LIPOPOLYSACCHARIDE, PHOTOBACTERIUM PHOSPHOREUM
UPDT:8403
SYN: PHOTOBACTERIUM PHOSPHOREUM LIPOPOLYSACCHARIDE * P. PHOSPHOREUM PJ-1 LPS
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:8830 ug/kg MIIMDV 26,455,82

OJ0895600 LIPOPOLYSACCHARIDE (RHODOPSEUDOMONAS CAPSULATA CELL WALL)
UPDT:8403 CAS: 9072-36-0
SYN: RHODOPSEUDOMONAS CAPSULATA CELL WALL LIPOPOLYSACCHARIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:25 mg/kg JGMIAN 119,517,80

LIPOREDUCT see: UE9480000
LIPORIL see: UE9480000
LIPOSAN see: JP1190000
LIPOSANA see: ES7400000
LIPOSID see: UE9480000
LIPOSORB L-20 see: TR7400000
LIPOSORB O see: WG2932400
LIPOSORB O-20 see: WG2932400
LIPOSORB O-20 see: WG2932500
LIPOSORB S see: WG2933500
LIPOSORB S-20 see: WG2933500
LIPOSORB S-20 see: WG2934000
LIPOTHION see: JP1190000
LIPOTRIL see: KH2975000

OJ1140000 LIPOXAMYCIN, SULFATE (2:1)
UPDT:8304 CAS: 11075-87-9 MW: 427.00 MOLFM: C19-H36-N2-O5 · 1/2H2-O4-S
SYN: U-26146D
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:107 mg/kg UPJOH* 2,-,71

LIPRIN see: UE9480000
LIPRINAL see: UE9480000
LIPTAN see: MU6640000
LIQUACILLIN see: XH9400000
LIQUADIAZINE see: WP1925000
LIQUAEMIN see: MI0700000
LIQUAEMIN SODIUM see: MI0700000
LIQUAGESIC see: AE4200000
LIQUAMYCIN see: QI8750000
LIQUAMYCIN INJECTABLE see: QI8225000
LIQUA-TOX see: GN4550000
LIQUEFIED PETROLEUM GAS (DOT) see: SE7545000
LIQUEFIED PETROLEUM GAS (DOT) see: TZ4300000
LIQUEFIED PETROLEUM GAS (DOT) see: UD0890000
LIQUEMIN see: MI0700000
LIQUIBARINE see: CR0600000
LIQUI-CEE see: CI7650000
LIQUIDAMBAR STYRACIFLUA see: WU7185000
LIQUID BRIGHT PLATINUM see: TP2160000
LIQUID CAMPHOR see: EX1490000
LIQUID DERRIS see: DJ2800000
LIQUID ETHYENE see: KU5340000
LIQUIDOW see: EV9300000
LIQUID PITCH OIL see: GF8615000

OJ2200000 LIQUIFIED PETROLEUM GAS
DEF:As discussed in (DTLVS*)
UPDT:8404
SYN: L.P.G.
REVIEW AND REFERENCES:
★ TLV-TWA 1000 ppm; STEL 1250 ppm DTLVS* 4,247,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1000 ppm (SCP-G) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S93
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

LIQUIGEL see: BD0940000
LIQUIMETH see: PD0457000
LIQUIPHENE see: OV6475000
LIQUIPRIN see: VN6475000

OJ2630000 LIQUIPRON
DEF:A yeast (CANDIDA MALTOSA) protein concentrate (TOERD9 3,305,81)
UPDT:8405
TUMORIGENIC DATA AND REFERENCES:
2V01P62 orl-rat TDLo:15525 gm/kg/3Y-C TOERD9 3,305,81
3V03R60T63 orl-rat TD :2628 gm/kg/2Y-C TOERD9 3,305,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LIQUI-SAN see: OW7000000

LIQUI-STIK see: QJ0875000
LIQUITAL see: CQ6825000
LIQUOPHYLLINE see: XH3850000
LIRANOL see: SO7000000
LIRANOX see: UE9750000
LIRCAPYL see: YU1225000
LIROBETAREX see: YS6300000
LIRO CIPC see: FD8050000
LIROHEX see: UX6825000
LIROMAT see: WM8410000
LIROMATIN see: WH6650000
LIRONION see: YT0180000
LIRONOX see: AG8050000
LIROPON see: UF0690000
LIROPREM see: SM6300000
LIROSTANOL see: WH6650000
LIROTAN see: ZH3325000
LIROTHION see: TF4550000
LISERDOL see: FA1070000
LISERGAN see: OB2275000
LISERGAN HYDROCHLORIDE see: SO5425000
LISKONUM see: OJ5800000
LISSAMINE AMARANTH AC see: QJ6550000
LISSAMINE FAST YELLOW AE see: DB5042500
LISSAMINE FLAVINE FF see: DE4098000
LISSAMINE GREEN B see: BQ1150000
LISSAMINE GREEN BN see: BQ1150000
LISSAMINE GREEN G see: BQ4375000
LISSAMINE GREEN SF see: BQ4900000
LISSAMINE LAKE GREEN SF see: BQ4900000
LISSAMINE RED 2G see: QJ6030000
LISSAMINE TURQUOISE VN see: BP6830000
LISSAPOL NX see: AX0247000
LISSENPHAN see: TZ1225000
LISSEPHEN see: TZ1225000
LISSOLAMINE see: BQ7875000
LISSOLAMINE A see: BQ7875000
LISSOLAMINE V see: BQ7875000
LISSOLAMIN V see: BQ7875000
LISTENON see: GA2360000
LISTICA see: EK2450000
LISTROCOL see: GD8970000
LISULFEN see: WP0400000
LISURIDE HYDROGEN MALEATE see: YS9325000
LITAC see: AT6970000
LITAC see: AT6978000
LITAC C 100P see: AT6978000
LITALER see: YT4900000
LITALIR see: YT4900000
LITEX CA see: WL6478000
LITHAMIDE see: OJ5590000
LITHANE see: OJ5800000
LITHARGE see: OG1750000
LITHARGE PURE see: OG1750000
LITHARGE YELLOW L-28 see: OG1750000
LITHATE 2,4-D see: AG8800000
LITHICARB see: OJ5800000
LITHIDRONE see: QC7700000
LITHINATE see: OJ5800000

OJ5540000 LITHIUM
UPDT:8408 CAS: 7439-93-2 MW: 6.94 MOLFM: Li
SYN: LITHIUM METAL (DOT) * LITHIUM METAL, in cartridges (DOT) * UN 1415 (DOT)

MUTATION DATA AND REFERENCES:

	cyt-hmn-unk 714 mg/kg/8W-I	LANCAO 2,435,69

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARVPAX 16,231,76; KDYIA5 10,82,76; QJMEA7 47,123,78

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET — CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983

OJ5565000 LITHIUM ACETYLIDE, complexed with ETHYLENEDIAMINE
UPDT:8404 CAS: 50475-76-8
SYN: LITHIUM ACETYLIDE-ETHYLENEDIAMINE COMPLEX (DOT) * NA 2813 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET — CFRGBR 49,172.101,82

LITHIUM ACETYLIDE-ETHYLENEDIAMINE COMPLEX (DOT) see: OJ5565000
LITHIUM ALANATE see: BD0100000
LITHIUM ALUMINOHYDRIDE see: BD0100000
LITHIUM ALUMINUM HYDRIDE see: BD0100000
LITHIUM ALUMINUM HYDRIDE, ethereal see: BD0100000
LITHIUM ALUMINUM HYDRIDE (DOT) see: BD0100000

OJ5580000 LITHIUM ALUMINUM SILICATE
UPDT:7901 CAS: 1302-66-5 MW: 306.28 MOLFM: Al-Li-O10-Si4
SYN: PETALITE

REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80

LITHIUM ALUMINUM TETRAHYDRIDE see: BD0100000

OJ5585000 LITHIUM ALUMINUMTRI-tert-BUTOXYHYDRIDE
UPDT:7901 CAS: 17476-04-9 MW: 244.22 MOLFM: C12-H18-Al-Li-O3

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:32 mg/kg	CSLNX* NX#00620

REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 — DTLVS* 4,13,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OJ5590000 LITHIUM AMIDE
UPDT:8312 CAS: 7782-89-0 MW: 22.97 MOLFM: H2-Li-N
SYN: LITHAMIDE * LITHIUM AMIDE, POWDERED (DOT) * UN 1412 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID — CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE SOLID; LABEL:DANGEROUS WHEN WET — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

LITHIUM AMIDE, POWDERED (DOT) see: OJ5590000
LITHIUM ANTIMONIOTHIOMALATE see: WJ1625000
LITHIUM ANTIMONY THIOMALATE see: WJ1625000
LITHIUM ANTIMONY THIOMALATE NONAHYDRATE see: WM9540000
LITHIUM BOROHYDRIDE see: OJ6427000
LITHIUM BOROHYDRIDE (DOT) see: OJ6427000
LITHIUM CARBONATE see: OJ5800000

OJ5800000 LITHIUM CARBONATE (2:1)
UPDT:8411 CAS: 554-13-2 MW: 73.89 MOLFM: C-O3 2Li
SYN: CAMCOLIT * CANDAMIDE * CARBOLITH * CARBONIC ACID, DILITHIUM SALT * CARBONIC ACID LITHIUM SALT * CEGLUTION * CP-15467-61 * DILITHIUM CARBONATE * ESKALITH * HYPNOREX * LIMAS * LISKONUM * LITHANE * LITHICARB * LITHINATE * LITHIUM CARBONATE * LITHOBID * LITHONATE * LITHOTABS * NSC-16895 * PLENUR * PRIADEL * QUILONUM RETARD

MUTATION DATA AND REFERENCES:

	cyt-hmn-unk 12800 ug/kg/12W-I	TJADAB 13,131,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T77	orl-wmn TDLo:3072 mg/kg (1-37W preg)	JOPDAB 81,804,72
1T47	orl-wmn TDLo:4900 mg/kg (1-35W preg)	LANCAO 2,595,74
2T74T77	orl-wmn TDLo:4256 mg/kg (1-38W preg)	BMJOAE 3,233,73
1T77	unk-wmn TDLo:540 mg/kg (35-39W preg)	PEDIAU 47,94,71
1T77	unk-wmn TDLo:556 mg/kg (30-34W preg)	JAMAAP 213,865,70
3T41T46T50	unk-wmn TDLo:11520 mg/kg (7W pre/1-38W preg)	CMAJAX 105,847,71
2T74T77	unk-wmn TDLo:11520 mg/kg (7W pre/1-38W preg)	CMAJAX 105,847,71
.'T35T43	orl-mus TDLo:4650 mg/kg (6-15D preg)	NATUAS 225,73,70
2T43T26	orl-mus TDLo:4650 mg/kg (6-15D preg)	TXAPA9 17,274,70
1T72	orl-mus TDLo:2 gm/kg (8-12D preg)	JTEHD6 10,541,82
1T25	ipr-mus TDLo:40 mg/kg (8D preg)	NNAPBA 270,56,71
1T41	ipr-mus TDLo:200 mg/kg (8D preg)	TJADAB 26,239,82
1T46	ipr-mus TDLo:200 mg/kg (9D preg)	TJADAB 26,239,82
1T43	unk-mus TDLo:4650 mg/kg (6-15D preg)	LANCAO 2,849,69
3T71T72T76	orl-pig TDLo:240 gm/kg (36-115D preg)	PSEBAA 158,123,78
1T77	orl-pig TDLo:240 gm/kg (36-115D preg)	PSEBAA 158,123,78

TUMORIGENIC DATA AND REFERENCES:

2V01P61	orl-man TDLo:6132 mg/kg/2Y-C	HAEMAX 67,944,82

TOXICITY DATA AND REFERENCES:

3F11F18K30	orl-hmn TDLo:4111 mg/kg	NEJMAG 287,867,72
2F16M10	orl-wmn TDLo:279 mg/kg/19D	COPYAV 11,141,70
1F10	unk-wmn TDLo:556 mg/kg/32D	JAMAAP 213,865,70
*	orl-rat LD50:525 mg/kg	NIIRDN 6,443,82
*	ipr-rat LD50:156 mg/kg	NIIRDN 6,443,82
*	scu-rat LD50:434 mg/kg	NIIRDN 6,443,82
*	ivn-rat LD50:241 mg/kg	NIIRDN 6,443,82
	orl-mus LD50:531 mg/kg	RPTOAN 33,266,70
*	ipr-mus LD50:236 mg/kg	NIIRDN 6,443,82
	scu-mus LD50:413 mg/kg	RPTOAN 33,266,70
*	ivn-mus LD50:497 mg/kg	NIIRDN 6,443,82
	orl-dog LD50:500 mg/kg	27ZQAG -,436,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DICPBB 8(12),690,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LITHIUM CARBONATE and CHLORPROMAZINE (9.2) see: FG0410000
LITHIUM CARBONATE AND CHLORPROMAZINE (36:1) see: SO1800000

OJ5950000 LITHIUM CHLORIDE
UPDT:8406 CAS: 7447-41-8 MW: 42.39 MOLFM: Cl-Li
SYN: CHLORURE DE LITHIUM (French)

MUTATION DATA AND REFERENCES:

	dni-hmn:lym 50 mg/L	TJADAB 13,131,76
	dni-hmn:hla 70 mmol/L	MUREAV 92,427,82
	cyt-hmn:lym 50 mg/L	TJADAB 13,131,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T42T43T39	ipr-rat TDLo:809 mg/kg (9-16D preg)	TJADAB 4,151,71
1T25	ipr-rat TDLo:979 mg/kg (7-16D preg)	TJADAB 4,151,71
2T27T35	ipr-rat TDLo:1 gm/kg (7-11D preg)	CRSBAW 167,183,73
1T26	ipr-rat TDLo:1250 mg/kg (7-11D preg)	CRSBAW 167,183,73
1T77	ipr-mus TDLo:320 mg/kg (6-7D preg)	JPETAB 101,362,51
1T43	scu-mus TDLo:1240 mg/kg (12-13D preg)	PSEBAA 144,644,73

TUMORIGENIC DATA AND REFERENCES:

2V02P62	ipr-mus TDLo:882 mg/kg/7D-I	PWPSA8 22,343,79

TOXICITY DATA AND REFERENCES:

	orl-hmn LDLo:200 mg/kg/3D	JAMAAP 139,588,49
3F07F11K13	orl-hmn TDLo:243 mg/kg/13D	JAMAAP 139,688,49
*	orl-rat LD50:526 mg/kg	APTOA6 47,351,80
	ipr-rat LD50:514 mg/kg	PetKP# 22DEC77
	scu-rat LD50:499 mg/kg	PetKP# 22DEC77
	orl-mus LD50:1165 mg/kg	RPTOAN 33,266,70
1U26	ipr-mus LD50:600 mg/kg	JTBIDS 6,87,81
2A11F25	scu-mus LD50:828 mg/kg	OYYAA2 7,413,73
2A11F25	ivn-mus LD50:363 mg/kg	OYYAA2 7,413,73
	ipr-cat LD50:492 mg/kg	RPTOAN 42,9,79
	scu-cat LDLo:450 mg/kg	EQSSDX 1,1,75
	orl-rbt LDLo:850 mg/kg	BEXBAN 74,914,72
	scu-rbt LDLo:531 mg/kg	EQSSDX 1,1,75
	scu-gpg LDLo:620 mg/kg	EQSSDX 1,1,75
	scu-pgn LDLo:513 mg/kg	HBAMAK 4,1289,35
	scu-frg LDLo:885 mg/kg	HBAMAK 4,1289,35

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LITHIUM CHROMATE (DOT) see: GB2915000
LITHIUM 2,4-D see: AG8800000
LITHIUM 2,4-DICHLOROPHENOXYACETATE see: AG8800000
LITHIUM DIHYDROGEN ORTHOPHOSPHATE see: TC6593950 PHOSPHORIC ACID, MONOLITHIUM SALT
LITHIUM DIHYDROGEN PHOSPHATE see: TC6593950 PHOSPHORIC ACID, MONOLITHIUM SALT
LITHIUM DIHYDROPHOSPHATE see: TC6593950 PHOSPHORIC ACID, MONOLITHIUM SALT
LITHIUM FERRO SILICON (DOT) see: OJ6310000

OJ6125000 LITHIUM FLUORIDE
UPDT:8209 CAS: 7789-24-4 MW: 25.94 MOLFM: F-Li
SYN: TLD 100 * LITHIUM FLUORURE (French)

TOXICITY DATA AND REFFRENCES:

*	orl-gpg LDLo:200 mg/kg	85ESA3 9,722,76
	scu-frg LDLo:280 mg/kg	CRSBAW 124,133,37

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMSSAQ 400,5,63
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2500 ug(F)/m3 (SCP-W) — FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
LITHIUM FLUORURE (French) see: OJ6125000

OJ6300000 LITHIUM HYDRIDE
UPDT:8404 CAS: 7580-67-8 MW: 7.95 MOLFM: H-Li
SYN: HYDRURE DE LITHIUM (French) * LITHIUM HYDRIDE (DOT) * LITHIUM HYDRIDE in fused solid form (DOT) * UN 1414 (DOT) * UN 2805 (DOT)
IRRITATION DATA AND REFERENCES:
eye-rbt 5 mg/m3 AMIHAB 14,468,56
eye-gpg 5 mg/m3 AMIHAB 14,468,56
TOXICITY DATA AND REFERENCES:
1J21 ihl-rat LCLo:22 mg/m3/4H AMIHAB 14,468,56
REVIEW AND REFERENCES:
★ TLV-TWA 25 ug/m3 DTLVS* 4,247,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 25 ug/m3 (SCP-N) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
LITHIUM HYDRIDE (DOT) see: OJ6300000
LITHIUM HYDRIDE in fused solid form (DOT) see: OJ6300000

OJ6307070 LITHIUM HYDROXIDE
CAS: 1310-65-2 MW: 23.95 MOLFM: H-Li-O
SYN: LITHIUM HYDROXIDE (Li(OH)) (9CI) * LITHIUM HYDROXIDE, solution (DOT) * UN 2679 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
LITHIUM HYDROXIDE (Li(OH)) (9CI) see: OJ6307070
LITHIUM HYDROXIDE, solution (DOT) see: OJ6307070
LITHIUM HYDROXIDE HYDRATE see: OJ6307080

OJ6307080 LITHIUM HYDROXIDE, MONOHYDRATE
UPDT:8312 CAS: 1310-66-3 MW: 41.97 MOLFM: H-Li-O .H2-O
SYN: LITHIUM HYDROXIDE HYDRATE * LITHIUM HYDROXIDE MONOHYDRATE (DOT) * UN 2680 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
LITHIUM HYDROXIDE MONOHYDRATE (DOT) see: OJ6307000
LITHIUM HYPOCHLORITE see: NH3486000
LITHIUM HYPOCHLORITE COMPOUND, DRY (DOT) see: NH3486000

OJ6310000 LITHIUM IRON SILICON
UPDT:8404 CAS: 64082-35-5 MW: 90.88 MOLFM: Fe-Li-Si
SYN: LITHIUM FERRO SILICON (DOT) * UN 2830 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
LITHIUM METAL (DOT) see: OJ5540000
LITHIUM METAL, in cartridges (DOT) see: OJ5540000
LITHIUM METAPHOSPHATE see: OY3700000 METAPHOSPHORIC ACID, LITHIUM SALT
LITHIUM NITRATE see: QU9200000
LITHIUM NITRATE (DOT) see: QU9200000

OJ6325000 LITHIUM NITRIDE
UPDT:8404 CAS: 26134-62-3 MW: 34.83 MOLFM: Li3-N
SYN: LITHIUM NITRIDE (DOT) * UN 2806 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
LITHIUM NITRIDE (DOT) see: OJ6325000

OJ6407500 LITHIUM PEROXIDE
UPDT:8308 CAS: 12031-80-0 MW: 45.88 MOLFM: Li2-O2
SYN: LITHIUM PEROXIDE (DOT) * UN 1472 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
LITHIUM PEROXIDE (DOT) see: OJ6407500
LITHIUM PHOSPHATE see: OY3700000 METAPHOSPHORIC ACID, LITHIUM SALT

OJ6417500 LITHIUM SILICON
UPDT:8404 CAS: 68848-64-6
SYN: LITHIUM SILICON (DOT) * UN 1417 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
LITHIUM SILICON (DOT) see: OJ6417500

OJ6419000 LITHIUM SULFATE (2:1)
UPDT:8312 CAS: 10377-48-7 MW: 109.94 MOLFM: O4-S .2Li
SYN: LITHIUM SULPHATE * SULFURIC ACID, DILITHIUM SALT * SULFURIC ACID, LITHIUM SALT (1:2)
MUTATION DATA AND REFERENCES:
mmo-smc 100 mmol/L MUREAV 117,149,83
mrc-smc 100 mmol/L MUREAV 117,149,83
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1190 mg/kg RPTOAN 33,266,70
scu-mus LD50:953 mg/kg RPTOAN 33,266,70
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
LITHIUM SULPHATE see: OJ6419000
LITHIUM TETRAHYDROALUMINATE see: BD0100000
LITHIUM TETRAHYDROALUMINATE(1-) see: BD0100000

OJ6427000 LITHIUM TETRAHYDROBORATE
UPDT:8404 CAS: 16949-15-8 MW: 21.79 MOLFM: B-H4 .Li
SYN: LITHIUM BOROHYDRIDE * LITHIUM BOROHYDRIDE (DOT) * UN 1413 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
LITHOBID see: OJ5800000
LITHOCHOLIC ACID see: FZ2275000
LITHOFOR BROWN A see: ST2900000
LITHOGRAPIC STONE see: EV9580000
LITHOL FAST SCARLET RN see: QK4247000
LITHONATE see: OJ5800000
LITHOSOL DEEP BLUE V see: DU2988400
LITHOSOL ORANGE R BASE see: XU8225000

OJ6605000 LITHOSPERMIC ACID, oxidized
DEF:The active principle of LITHOSPERMUM RUDERALE roots, which was oxidized without priorlyophilization (PSEBAA 114,20,63)
UPDT:8401
SYN: LA OxB * LA OXID. B * LA OXIDIZED-B
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T12T13 scu-rat TDLo:60 mg/kg (6D pre) PSEBAA 114,20,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OJ6605010 LITHOSPERMIC ACID, oxidized and lyophilized
DEF:The active principle of LITHOSPERMUM RUDERALE roots, which was oxidized and lyophilized(PSEBAA 114,20,63)
UPDT:8401
SYN: LA OxA * LA OXID. A * LA OXIDIZED-A
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-rat TDLo:60 mg/kg (6D pre) PSEBAA 114,20,63
1T12 scu-rat TDLo:300 mg/kg (6D pre) PSEBAA 114,20,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OJ6608000 LITHOSPERMUM RUDERALE, root extract
UPDT:8406
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 scu-rat TDLo:40 mg/kg (10D male) JOENAK 10,212,54
1T12 scu-rat TDLo:250 ug/kg (1D pre) JOENAK 10,212,54
1T13 scu-rat TDLo:2500 ug/kg (1D pre) JOENAK 10,212,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
LITHOTABS see: OJ5800000
LITICON see: PB8750000
LITMOMYCIN see: MD9100000
LITSEA CUBEBA OIL see: RI7280000

OJ6720000 LITSEA GLUTINOSA C.B. Robins var. GLABRARIA Hook. f., extract excluding roots
DEF:Indian plant belonging to the family LAURACEAE (IJEBA6 11,43,73)
UPDT:8305
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg IJEBA6 11,43,73

OJ6725000 LITSEA STOCKSII Hook. f. var. GLABRESCENS Hook. f., extract excluding roots
DEF:Indian plant belonging to the family LAURACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-mus LD50:62500 ug/kg IJEBA6 15,208,77

OJ6725500 LITSEA UMBROSA Nees., leaf extract
DEF:Indian plant belonging to the family LAURACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1P02 ipr-rat LD50:250 mg/kg IJEBA6 16,228,78

OJ6726000 LITSEA WIGHTIANA Hook. f. var. TOMENTOSA Meissn., extract excluding roots
DEF:Indian plant belonging to the family LAURACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2H30U26 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77
LIVAZONE see: AE3850000
LIVIATIN see: QI8650000
LIVICLINA see: XI0390000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-(((5-METHYL-1,3,4-THIADIAZOL-2-YL) THIO)METHYL)-8-OXO-7-(((1H-TETRAZOL-1-YL)ACETYL)AMINO)-, (6R-trans)-, SODIUM SALT

OJ6908000 LIVIDOMYCIN
UPDT:8406 CAS: 11111-23-2
SYN: LIVODYMYCIN * LVM
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 scu-rat TDLo:9 gm/kg (30D male) OYYAA2 6,787,72
2T46T73 ims-mus TDLo:600 mg/kg (7-12D preg) OYYAA2 6,813,72
3T46T76T81 ims-rbt TDLo:1 gm/kg (8-17D preg) OYYAA2 7,1241,73
1T31 ims-rbt TDLo:1 gm/kg (8-17D preg) OYYAA2 7,1241,73
2T25T26 ims-rbt TDLo:250 mg/kg (8-17D preg) OYYAA2 7,1241,73
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:1819 mg/kg OYYAA2 6,787,72
* ivn-rat LD50:365 mg/kg OYYAA2 6,787,72
* ims-rat LD50:1750 mg/kg OYYAA2 6,787,72
* scu-mus LD50:1249 mg/kg OYYAA2 6,787,72
* ivn-mus LD50:225 mg/kg OYYAA2 6,787,72
* ims-mus LD50:1348 mg/kg OYYAA2 6,787,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OJ6925000 LIVIDOMYCIN, SULFATE
UPDT:8412 CAS: 37229-14-4
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:10 gm/kg OYYAA2 9,601,75
* scu-rat LD50:1819 mg/kg OYYAA2 9,601,75
* ivn-rat LD50:365 mg/kg OYYAA2 9,601,75
* ims-rat LD50:1750 mg/kg OYYAA2 9,601,75
* orl-mus LD50:10 gm/kg OYYAA2 9,601,75
* scu-mus LD50:1249 mg/kg OYYAA2 9,601,75
* ivn-mus LD50:225 mg/kg OYYAA2 9,601,75
* ims-mus LD50:1348 mg/kg OYYAA2 9,601,75
LIVODYMYCIN see: OJ6908000

OJ6949000 LIVISTONA CHINENSIS R. Br., extract excluding roots
DEF:Indian plant belonging to the family PALMAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80
LIVONAL see: DO5470000
LIXA-BETA see: XI7350000
LIXOPHEN see: CQ6825000
LJ 206 see: AY4341000
LK 36 see: XZ1065000
LL 1530 see: ES5222000
LL 1558 see: KK3547000
LL 1656 see: EL9900000
1861-LLA see: VE9110000
L2214-LABAZ see: OB1804200
LL-BL-580-A'' see: CB9625860
LLD FACTOR see: GG3750000
LLONCEFAL see: UU3675000
L-LYXOASCORBIC ACID see: CI7650000
LL-Z 1220 see: UQ0830000
LM 91 see: NK5335000
LM-209 see: SP5080000
LM 280 see: LZ4365000
LM-637 see: GN4934700
LM-2717 see: DE9600000

LM 2909 see: HP1330000
LM 5015 see: NM1308000
LM-22070 see: UQ4925000
LM-22102 see: UQ4929000
LM SEED PROTECTANT see: OW7000000
LNA 21-1000 see: AT6978000
LOBAK see: XJ1050000
LOBAMINE see: PD0456000
LO-BAX see: NH3485000

OJ8400000 LOBELIA EXCELSA Lesch., extract
DEF:Indian plant belonging to the family CAMPANULACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:140 mg/kg IJEBA6 12,512,74
LOBELIN see: OJ8480000

OJ8480000 LOBELINE
UPDT:8306 CAS: 90-69-7 MW: 337.50 MOLFM: C22-H27-N-O2
SYN: 8,10-DIPHENYLLOBELIONOL * 2-(6-(beta-HYDROXY-PHENETHYL)-1-METHYL-2-PIPERIDYL)ACETOPHENONE * 2-(6-(2-HYDROXY-2-PHENYLETHYL)-1-METHYL-2-PIPERIDINYL)-1-PHENYLETHANONE * INFLATINE * LOBELIN * (-)-LOBELINE * alpha-LOBELINE * LOBNICO
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:6300 ug/kg AIPTAK 103,146,55
(-)-LOBELINE see: OJ8480000
alpha-LOBELINE see: OJ8480000
LOBETRIN see: UE9480000
LOBNICO see: OJ8480000
LOBULANTINA see: TU4517000
LOCALYN see: TU3830000
LOCOID see: GM9002000
LOCRON EXTRA see: BD0550000
LOCRON FLAKES see: BD0550000
LOCRON POWDER see: BD0550000
LOCRON SOLUTION see: BD0550000

OJ8690000 LOCUST BEAN GUM
UPDT:8412 CAS: 9000-40-2
SYN: ALGAROBA * CAROB BEAN GUM * CAROB FLOUR * NCI-C50419 * ST. JOHN'S BREAD * SUPERCOL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:13 gm/kg FDRLI* 124,-,76
orl-mus LD50:13 gm/kg FDRLI* 124,-,76
orl-rbt LD50:9100 mg/kg FDRLI* 124,-,76
orl-ham LD50:10 gm/kg FDRLI* 124,-,76
STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE, RAT (NTPTR* NTP-TR-221,82)
REPORTED IN EPA TSCA INVENTORY, 1983
LOCUTURINE see: UV0280000
LODESTONE YELLOW YB-57 see: AK4580000
LODIBON see: SO4200000
LUDOPIN see: HQ2541700
LOFEPRAMINE HYDROCHLORIDE see: AM6485000
LOFETENSIN see: NJ2570000
LOFETENSIN HYDROCHLORIDE see: NJ2570000
LOFEXIDINE HYDROCHLORIDE see: NJ2570000

OJ8790200 LOFLAZEPIC ACID, ETHYL ESTER
UPDT:8305 MW: 360.79 MOLFM: C18-H14-Cl-F-N2-O3
SYN: ETHYL LOFLAZEPATE * VICTAN
TOXICITY DATA AND REFERENCES:
2F25G10 ipr-rat LD50:645 mg/kg DRFUD4 7,898,82
LOFTYL see: EL9900000
LOISOL see: TA0700000
LOKARIN see: AH2790000
LOKAT, extract see: KE9560000 ERIOBOTRYA JAPONICA (Thunb.) Lindl., extract excluding roots
LOKHANDI EXTRACT (Indian) see: YX4540700
LOLOP GRANULE see: EZ4215000
LOMAPECT see: TM7750000
LOMBRISTOP see: DE0700000
LO MICRON TALC 1 see: WW2710000
LO MICRON TALC, BC 1621 see: WW2710000
LO MICRON TALC USP, BC 2755 see: WW2710000
LOMIDIN see: CV6500000
LOMIDINE see: CV6500000
LOMIDINE ISOETHIONATE see: CV6500000
LOMOTIL see: NS5300000
LOMUPREN see: DO1750000
LOMUSTINE see: YS4900000
LON 96 see: MV2096000
LON 798 see: CY1481000
LONACOL see: ZH3325000
LONAMIN see: SH4025000
LONARID see: AE4200000
LONDOMYCIN see: QI9276000

OJ9280000 LONDON PURPLE
UPDT:8310 CAS: 8012-74-6
SYN: LONDON PURPLE, SOLID (DOT) * UN 1621 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
LONDON PURPLE, SOLID (DOT) see: OJ9280000
LONETHYL see: VA3376000
LONETIL see: VA3376000
LONGACILINA see: XH9425000
LONGANOCT see: CQ1575000
LONGATIN see: RD2625000
LONGATIN HYDROCHLORIDE see: NP7225000
LONGICIL see: XH9425000
LONGIFENE see: TL0280000
LONGIFENE see: TL1970000
beta-LONGILOBINE see: VH7525000
LONGIN see: WP0400000
LONGISTYLIN C see: SL7760000
LONGUM see: WP0175000

OJ9456410 LONICERA CILIOSA, leaf extract
UPDT:8405
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-mus TDLo:14 gm/kg (35D pre) JPMSAE 57,1607,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OJ9456420 LONICERA QUINQUELOCULARIS Hardw., extract excluding roots
DEF:Indian plant belonging to the family CAPRIFOLIACEAE (IJEBA6 12,512,74)
UPDT:8412
SYN: BAKARU EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78
* ipr-mus LD50:750 mg/kg IJEBA6 12,512,74
LONIDAMINE see: NK7886000
LONITEN see: UV8200000
LONIYARA EXTRACT (Indian) see: IN9170000
LONOCOL M see: OP0700000

OJ9457400 LONOMYCIN
UPDT:8309 CAS: 58785-63-0 MW: 829.20 MOLFM: C44-H76-O14
SYN: ANTIBIOTIC DE 3936 * ANTIBIOTIC TM 481 * EMERICID
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:45800 ug/kg 85GDA2 5,482,81
ipr-mus LD50:8280 ug/kg 85ERAY 1,801,78
* scu-mus LD50:37500 ug/kg 85GDA2 5,482,81
ivn-mus LD50:4860 ug/kg 85ERAY 1,801,78
* orl-ckn LD50:150 mg/kg JANTAJ 29,76-99,76
LONZA 380 ES see: KV0350000
LONZA G see: KV0350000
LONZAINE see: BU2614000
LO/OVRAL see: JF8300000
LOPERAMIDE HYDROCHLORIDE see: TM4960000
LOPHOTOXIN see: XF0791000
LOPID see: YV7120000
LOPIRIN see: UY0550000
LOPRAMINE HYDROCHLORIDE see: AM6485000
LOPRES see: TH9000000
LOPRESOR see: UB7450000
LOPRESS see: TH9000000
LOPRESSOR see: UB7450000 2-PROPANOL, 1-ISOPROPYLAMINO-3-(p-(2-METHOXYETHYL)PHENOXY)-,TARTRATE
LOPURIN see: UR0785000
L-ORANGE 2 see: QK2450000
L. ORANGE Z2010 see: QK2450000

OJ9685000 LORANTHUS PENTANDRUS, leaf and stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
2F12K12 ipr-mus LD50:63 mg/kg CPBTAL 13,882,65

OJ9690000 LORANTHUS SCURRULA Linn., extract excluding roots
DEF:Indian plant belonging to the family LORANTHACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: BANA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 9,91,71

OJ9695000 LORANTHUS TRIGONUS Wight & Arn., extract excluding roots
DEF:Indian plant belonging to the family LORANTHACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: BANDA EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:750 mg/kg IJEBA6 9,91,71
LORAX see: DF0350000
LORAZEPAM see: DF0350000
LORETIN see: VC2800000
LOREX see: YS9100000
LOREXANE see: GV4900000
LORFAN see: QD0350000
LORFAN see: QD0480000
LORFAN TARTRATE see: QD0480000
LORIDINE see: UU3675000
LORINAL see: FM8750000
LORKARIL see: AT6978000
LORKARIL JA see: AT6970000
LORKARIL JCA see: AT6970000
LORKARIL JTE see: AT6970000
LORKARIL JTF see: AT6970000
LORMIN see: TU3750000
LORO see: XK9625000
LOROL see: JR5775000
LOROL 5 see: JR5775000
LOROL 7 see: JR5775000
LOROL 11 see: JR5775000
LOROL 20 see: RH6550000
LOROL 22 see: HE4375000
LOROL 24 see: MM0225000
LOROL 28 see: RG2010000
LOROL THIOCYANATE see: XK9625000
LOROMISAN see: AB6825000
LOROMISIN see: AB6825000
LOROTHIDOL see: SN0525000
LOROTHIODOL see: SN0525000
LOROX see: YQ9275000
LOROX see: YS9100000
LOROX LINURON WEED KILLER see: YS9100000
LORPHEN see: US6475000
LORPOX see: UU7785500
LORSBAN see: TF6300000
LORSILAN see: DF0350000
LOSANTIN see: NH3485000
N-LOST see: IA2100000
S-LOST see: WQ0900000
N-LOST-PHOSPHORSAUREDIAMID (German) see: TD2530000
LOSUNGSMITTEL APV see: KK8750000
LOTRIMIN see: NI4377000
(-)-LOTUCAINE HYDROCHLORIDE see: UY1229000
LOTURINE see: UV0280000
LOTUSATE see: CP8225000

OK2420000 LOVAGE OIL
UPDT:8305 CAS: 8016-31-7
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,813,78
skn-gpg 100% MLD FCTXAV 16,813,78
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3400 mg/kg FCTXAV 16,813,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
LO-VEL see: VV7310000
LOVELL SUBSTANCE see: SK8150000
LOVOSA see: FJ5950000
LOVOSA 20alk. see: FJ5950000
LOVOSA TN see: FJ5950000

LOVOZAL see: DD6650000
LOWEDEX see: SI1400000
LOWESERP see: ZG0350000
LOWETRATE see: RZ2620000
LOWPSTRON see: CB2625000
LOXACOR see: NJ2570000
LOXACOR HYDROCHLORIDE see: NJ2570000
LOXANOL 95 see: RG4120000
LOXANOL K see: MM0225000
LOXANOL K EXTRA see: MM0225000
LOXANOL M see: RG4120000
LOXANOL V see: XB8655000
LOXAPINE see: HQ4025000
LOXON see: GN5250000
LOXOSCELES RECLUSA VENOM see: YX3963500
LOXURAN see: TL1225000
LOXYNIL (German) see: DI4025000
LOZILUREA see: YS4726500
LPG see: XH9425000
L.P.G. see: OJ2200000
LPG ETHYL MERCAPTAN 1010 see: KI9625000
LPS see: JZ2650000
LPS see: UX2990000
LPT see: TR0400000
LPT 1 see: TR0400000
LR 115 see: QW0970000
LR693 see: DO8240000
L. RECLUSA VENOM see: YX3963500
L-RED 3 see: QJ6550000
L. RED Z 3040 see: QK1925000
LRF see: OK6372000
LRH see: OK6372000
L-S 519 see: UU7883000
L.S. 3394 see: JN8750000
LS 4442 see: WH6860000
LS 74783 see: SZ9640000
LS 061A see: WL6475000
LS 519 Cl2 HYDRATE see: UU7883500
LSD see: KE4100000
LSD-25 see: KE4100000
LS 519 DIHYDROCHLORIDE see: UU7883000
LSD TARTRATE see: KE4390000
LS 1028E see: WL6475000
LSO-M see: TR0400000
LSO-M 4B see: TR0400000
L-T3 see: AY6750000
L-T4 see: YP2833500
LTAN see: CB6650000
LU 1631 see: UR6066500
LU 15-132 see: YS4907100
LU 16-022 see: YS4907300
LU 16-035 see: YS4907000
LUBERGAL see: CQ6825000
LUBROKAL see: CQ6825000
LUBROL 12A9 see: MD0875000
LUBROL PX see: MD0875000
LUCAINE HYDROCHLORIDE see: CB3900000
LUCALOX see: BD1200000
LUCAMIDE see: CV4900000
LUCANTHON see: XO1605500
LUCANTHONE see: XO1605500
LUCANTHONE HYDROCHLORIDE see: XO1605800
LUCANTHONE METABOLITE see: XO1590000
LUCANTHONE MONOHYDROCHLORIDE see: XO1605800
LUCANTHONE mixed with SODIUM NITRITE (1:3) see: XO1605950
LUCEL see: FJ5950000
LUCEL ADA see: LQ1040000
LUCEL (POLYSACCHARIDE) see: FJ5950000
LUCERNE see: OR6420000
LUCIDIL see: DD2800000
LUCIDIN ETHYL ETHER see: CB6705000
LUCIDOL see: DM8575000
LUCIDOL DELTAX see: EL9470000
LUCIDRIL see: AG0430000
LUCIDRIL see: AG0440000
LUCIDRYL see: AG0430000
LUCIDRYL HYDROCHLORIDE see: AG0440000
LUCIJET see: TF4100000

OK4278000 LUCINAEA MORINDA, leaf or stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg CPBTAL 13,882,65

LUCITE see: TR0400000
LUCITE 30 see: TR0400000
LUCITE 47 see: TR0400000
LUCITE 120 see: TR0400000
LUCITE 129 see: TR0400000
LUCITE 130 see: TR0400000
LUCITE 140 see: TR0400000
LUCITE 147 see: TR0400000
LUCITE 180 see: TR0400000
LUCOFEN see: SH1225000
LUCOFENE see: SH1225000
LUCOFLEX see: KV0350000
LUCORTEUM ORAL see: TU5570250
LUCORTEUM SOL see: TW0175000
LUCOVYL BB 800 see: KV0350000
LUCOVYL BB 8010 see: KV0350000
LUCOVYL GA 8502 see: AK0950000
LUCOVYL GB 1150 see: KV0350000
LUCOVYL GB 9550 see: KV0350000
LUCOVYL GS 1200 see: KV0350000
LUCOVYL GS 8001 see: KV0350000
LUCOVYL MA 6028 see: AK0950000
LUCOVYL PA 1208 see: AK0950000
LUCOVYL PB 1302 see: KV0350000
LUCOVYL PE see: KV0350000
LUCOVYL PE 1100 see: KV0350000
LUCOVYL PE 1290 see: KV0350000
LUCOVYL PE 1311 see: KV0350000
LUCOVYL PE 1355 see: KV0350000
LUCOVYL RB 8010 see: KV0350000
LUDIGOL (Russian) see: DB7194000
LUDIGOL 60 see: DB7194000
LUDIGOL F see: DB7194000
LUDIOMIL see: KJ4555000
LUDOX see: VV7310000
LUDOX CL see: BD1200000

OK4471200 LUDWIGiA PROSTRATA Roxb., extract
DEF:Indian plant belonging to the family ONAGRACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 18,594,80

LUEH 6 see: UU6825000

OK4471600 LUFFA GRAVEOLENS Roxb., fruit extract
DEF:Indian plant belonging to the family CUCURBITACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: JAHARTURA, FRUIT EXTRACT
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:10 mg/kg IJEBA6 9,91,71

LUFYLLIN see: XH5100000
LUH6 see: UU6825000
LUH(sub 6) see: UU6825000
LUH(sub 6)-Cl2 see: UU6825000
LUH(sup 6)-Cl(sup 2) see: UU6825000
LUH6-CHLORIDE see: UU6825000
LULAMIN see: TI4375000
LULAMIN see: UT1400000
LULIBERIN see: OK6372000
LULLAMIN see: UT1400000
LULLAMIN see: UT1750000
LUMBRICAL see: TK7800000
LUMEN see: CQ6825000
LUMESETTES see: CQ6825000
LUMESYN see: CQ6825000
LUMICREASE BLUE 4GL see: QJ6430000
LUMICREASE SKY BLUE 6GUL see: QJ6430000
LUMILAR 100 see: TR2725000
LUMINAL see: CQ6825000
LUMINAL SODIUM see: CQ7000000
LUMIRROR see: TR2725000
LUMIRROR 38S see: TR2725000
LUMITESTOSTERONE see: BV8396600 9-beta,10-alpha-ANDROST-4-EN-3-ONE, 17-beta-HYDROXY-
LUMOFRIDETTEN see: CQ6825000
LUNAMIN see: FD1150000
LUNAMYCIN see: WH0204300
LUNAR CAUSTIC see: VW4725000
LUNA YELLOW see: EJ3645000
LUNCIDRIL see: AG0430000
LUNETORON see: DG4910000
LUNIPAX see: DF0875000
LUPAREEN see: UD1842000
LUPERCO see: SD8150000
LUPEROX see: SD8150000
LUPEROX CH-S see: GW2030000
LUPEROX 500R see: SD8150000
LUPEROX 500T see: SD8150000
LUPERSOL see: EL9450000
LUPERSOL 8 see: SE0560000
LUPERSOL 10 see: SE0750000
LUPERSOL 11 see: SE0952000
LUPERSOL 70 see: SD8927400
LUPERSOL DDA 30 see: EL9470000
LUPERSOL DDM see: EL9470000
LUPERSOL DELTA-X see: EL9470000
LUPERSOL DNF see: EL9470000
LUPERSOL DSW see: EL9470000
LUPERSOL 10M75 see: SE0750000
LUPERSOL 228Z see: SD7864200
LUPETAZINE see: TL5945000
LUPHENIL see: CQ6825000
LUPINIDINE see: WG5950000

OK5804000 LUPININE, ACRYLATE (ester)
UPDT:8308 CAS: 60537-74-8 MW: 223.35 MOLFM: C13-H21-N-O2
SYN: ACRYLOYLLUPINE * 2-PROPENOIC ACID, (OCTAHYDRO-2H-QUINOLIZIN-1-YL)METHYL ESTER, (1R-trans)-
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:87 mg/kg PCJOAU 8,618,74

LUPOLEN 4261A see: TQ3325000
LUPOLEN 6042D see: TQ3325000
LUPOLEN 1010H see: TQ3325000
LUPOLEN 1800H see: TQ3325000
LUPOLEN 1810H see: TQ3325000
LUPOLEN 6011H see: TQ3325000
LUPOLEN KR 1032 see: TQ3325000
LUPOLEN KR 1051 see: TQ3325000
LUPOLEN KR 1257 see: TQ3325000
LUPOLEN 6011L see: TQ3325000
LUPOLEN L 6041D see: TQ3325000
LUPOLEN N see: TQ3325000
LUPOLEN 1800S see: TQ3325000
beta-LUPULIC ACID see: OK5950000
LUPULON see: OK5950000

OK5950000 LUPULONE
UPDT:8403 CAS: 468-28-0 MW: 414.64 MOLFM: C26-H38-O4
SYN: B'' -ACID * beta-BITTER ACID * 2,4-CYCLOHEXADIEN-1-ONE, 3,5-DIHYDROXY-4-ISOVALERYL-2,6,6-TRIS(3-METHYL-2-BUTENYL)- * 3,5-DIHYDROXY-2,6,6-TRIS(3-METHYL-2-BUTENYL)-4-(3-METHYL-1-OXOBUTYL)-2,4-CYCLOHEXADIEN-1-ONE * beta-LUPULIC ACID * LUPULON
TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1800 mg/kg	FEPRA7 8,281,49
	ims-rat LD50:330 mg/kg	FEPRA7 8,281,49
	orl-mus LD50:525 mg/kg	ARZNAD 17,79,67
*	scu-mus LD50:600 mg/kg	85GDA2 8(2),39,82
	ims-mus LD50:600 mg/kg	FEPRA7 8,281,49
*	orl-rbt LDLo:1000 mg/kg	AIPTAK 82,1,50
	orl-gpg LD50:130 mg/kg	FEPRA7 8,281,49

LURAMIN see: CQ6825000
LURAN see: AT6978000

LURAN 378P see: AT6978000
LURAN 368R see: AT6978000
LURAT see: GN4850000
LURAZOL BLACK BA see: QJ6160000
LURAZOL ORANGE E see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
LUTETIA ORANGE 3JR see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
LURGO see: TE1750000
LURIDE see: WB0350000
LURIDE LOZI-TABS see: WB0350000
LURIDE-SF see: WB0350000
LURONASE see: MT7260000
LUSIL see: WO8400000
LUSMIT see: UF8000000
LUSTRAN see: AT6970000
LUSTRAN see: AT6978000
LUSTRAN 28 see: AT6978000
LUSTRAN 220 see: AT6970000
LUSTRAN 240 see: AT6970000
LUSTRAN 400 see: AT6970000
LUSTRAN 420 see: AT6970000
LUSTRAN 461 see: AT6970000
LUSTRAN 610 see: AT6970000
LUSTRAN 640 see: AT6970000
LUSTRAN 710 see: AT6970000
LUSTRAN 740 see: AT6970000
LUSTRAN 762 see: AT6970000
LUSTRAN 1762 see: AT6970000
LUSTRAN A see: AT6978000
LUSTRAN A 21 see: AT6978000
LUSTRAN A 2121 see: AT6978000
LUSTRAN ABS 262 see: AT6970000
LUSTRAN ABS 640 see: AT6970000
LUSTRAN 440AS see: AT6970000
LUSTRAN I 710 see: AT6970000
LUSTRAN I 780 see: AT6970000
LUSTRAN LK 153 see: AT6970000
LUSTRAN LNA 21 see: AT6978000
LUSTRAN Q 714 see: AT6970000
LUSTRAN SAN see: AT6978000
LUSTREX see: WL6475000
LUSTREX H 77 see: WL6475000
LUSTREX HH 101 see: WL6475000
LUSTREX HP 77 see: WL6475000
LUSTREX HT 88 see: WL6475000
LUSTROPACK see: AT6970000
LUSTRUM see: AT6970000
LUTALYSE see: UK8025000
LUTATE see: TU5085000
LUTEAL HORMONE see: TW0175000
LUTEINE see: TW0175000
LUTEINIQUE see: TW0175000
LUTEINIZING GONADOTROPIC HORMONE see: OK6367000

OK6367000 LUTEINIZING HORMONE
UPDT:8408 CAS: 9002-67-9
SYN: ICCSH * ICSH * INTERSTITIAL CELL STIMULATING HORMONE * LH * LUTEINIZING GONADOTROPIC HORMONE * LUTEOZIMAN * LUTROPIN * NIH-LH-B 9 * OVINE PITUITARY INTERSTITIAL CELL STIMULATING HORMONE * PITUITARY LUTEINIZING HORMONE * PLH

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T16	scu-rat TDLo:500 ug/kg (12D preg)	ENDOAO 86,874,70
1T71	scu-rat TDLo:1375 ug/kg (12-22D preg)	ENDOAO 86,874,70
2T12T27	scu-rat TDLo:1 gm/kg (8D preg)	PSEBAA 147,823,74
1T03	par-rat TDLo:12 gm/kg (6D male)	ANREAK 65,261,36
1T29	ivn-rbt TDLo:25 ug/kg (11D preg)	JRPFA4 17,183,68
1T26	ivn-rbt TDLo:25 ug/kg (9D preg)	ENDOAO 77,337,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LUTEINIZING HORMONE beta-subunit see: OK6368500

OK6368000 LUTEINIZING HORMONE ANTISERUM
UPDT:8407
SYN: ANTISERUM, to LUTEINIZING HORMONE * ANTISERUM, RABBIT, to LUTEINIZING HORMONE, OVINE * AS-LH * LH ANTISERUM * LHAS * RABBIT ANTISERUM to OVINE LUTEINIZING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	scu-rat TDLo:250 mg/kg (4D preg)	JRPFA4 17,335,68
1T25	scu-rat TDLo:5 mg/kg (11D preg)	ENDOAO 86,874,70
1T09	scu-rat TDLo:2 gm/kg (5D male)	CCPTAY 10,491,74
1T03	scu-rat TDLo:3 gm/kg (3D male)	BIREBV 15,311,76
2T14T19	scu-rat TDLo:2500 mg/kg (1D pre)	PSEBAA 170,313,82
1T13	scu-rat TDLo:7500 mg/kg (1-7D preg)	JRPFA4 17,335,68
1T29	par-rat TDLo:1 gm/kg (1D pre)	NATUAS 227,1344,70
3T13T22T29	scu-mus TDLo:4 gm/kg (1D pre)	BIREBV 15,311,76
1T24	scu-mus TDLo:28 gm/kg (1-7D preg)	JRPFA4 30,7,72
2T12T35	scu-ham TDLo:1600 mg/kg (6D preg)	JRPFA4 29,239,72
1T24	scu-ham TDLo:1600 mg/kg (3D preg)	JRPFA4 29,239,72
1T25	scu-ham TDLo:1600 mg/kg (9D preg)	JRPFA4 29,239,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6368500 LUTEINIZING HORMONE, OVINE, beta-subunit
UPDT:8401
SYN: HSN-6-26-82 * LUTEINIZING HORMONE beta-subunit * OLH-beta * beta-subunit of OVINE LUTEINIZING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-mky TDLo:20 ug/kg (2D pre)	CCPTAY 14,639,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6369000 LUTEINIZING HORMONE, RABBIT ANTIBOVINE SERUM
UPDT:8405
SYN: RABBIT ANTIBOVINE LH SERUM * RABBIT ANTIBOVINE LUTEINIZING HORMONE SERUM * SERUM, RABBIT ANTIBOVINE LUTEINIZING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	ipr-rat TDLo:10 gm/kg (7-10D preg)	FESTAS 20,679,69
3T14T16T72	ipr-rat TDLo:12500 mg/kg (1-5D preg)	INJFA3 14,8,69
1T86	ims-rat TDLo:13500 mg/kg (13-21D preg)	PSEBAA 145,334,74
3T12T16T53	par-rat TDLo:13500 mg/kg (13-21D preg)	PSEBAA 143,422,73
2T02T03	mul-dog TDLo:3300 ug/kg (12D male)	BIREBV 10,453,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LUTEINIZING HORMONE-RELEASING FACTOR see: OK6372000

OK6372000 LUTEINIZING HORMONE-RELEASING HORMONE
UPDT:8408 CAS: 9034-40-6 MW: 1182.47 MOLFM: C55-H75-N17-O13
SYN: AY 24034 * Gn-RH * GONADOLIBERIN * GONADORELIN * GONADOTROPIN-RELEASING FACTOR * GONADOTROPIN RELEASING HORMONE * LH-RELEASING HORMONE * LH-RELEASING FACTOR * LH-RF * LH-RH * LH-RH/FSH-RH * LRF * LRH * LULIBERIN * LUTEINIZING HORMONE-RELEASING FACTOR * LUTEOSTIMULIN * SYNTHETIC LH-RH

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T14T19	scu-wmn TDLo:25 ug/kg (2D pre)	INJFA3 25,203,80
1T24	orl-rat TDLo:35 mg/kg (1-7D preg)	EDRCAM 2,445,75
1T29	orl-rat TDLo:30 mg/kg (7-12D preg)	EDRCAM 2,445,75
1T25	orl-rat TDLo:30 mg/kg (7-12D preg)	EDRCAM 2,445,75
1T16	ipr-rat TDLo:120 mg/kg (13-24D preg)	ENDOAO 107,504,80
3T16T25T72	ipr-rat TDLo:3500 ug/kg (1-7D preg)	IJEBA6 21,408,83
1T75	ipr-rat TDLo:3500 ug/kg (1-7D preg)	IJEBA6 21,408,83
1T21	scu-rat TDLo:50 ug/kg (1D pre)	BIREBV 16,333,77
1T35	scu-rat TDLo:5 mg/kg (11D preg)	BIREBV 16,333,77
1T29	scu-rat TDLo:900 ug/kg (7-12D preg)	CCPTAY 14,625,76
1T13	scu-rat TDLo:350 ug/kg (1-7D preg)	CCPTAY 14,625,76
2T02T03	scu-rat TDLo:2800 ng/kg (7D male)	ENDOAO 105,1191,79
3T19T24T25	scu-rat TDLo:7 mg/kg (1-7D preg)	ENDOAO 105,139,79
1T22	scu-rat TDLo:350 ug/kg (7D preg)	BIREBV 16,333,77
1T19	ivn-rat TDLo:12500 pg/kg (1D pre)	ENDOAO 95,213,74
2T22T24	par-rat TDLo:3500 ug/kg (1-7D preg)	CCPTAY 19,239,79
1T24	par-rat TDLo:17500 ug/kg (1-7D preg)	INJFA3 24,202,79
1T26	iut-rat TDLo:500 ug/kg (5D preg)	CCPTAY 20,569,79
1T25	iut-rat TDLo:1 mg/kg (5D preg)	CCPTAY 20,569,79
2T24T25	iut-rat TDLo:5 mg/kg (5D preg)	INJFA3 26,120,81
2T46T73	ipr-mus TDLo:400 ug/kg (6-15D preg)	OYYAA2 8,685,74
2T16T71	ipr-mus TDLo:200 ug/kg (6-15D preg)	OYYAA2 8,685,74
2T12T13	scu-mus TDLo:120 ug/kg (3D pre)	EDRCAM 2,445,75
1T02	scu-mus TDLo:16 ug/kg (4D male)	IJEBA6 19,12,81
1T26	scu-rbt TDLo:200 ug/kg (10-13D preg)	FESTAS 27,421,76
1T29	scu-rbt TDLo:7 mg/kg (1-7D preg)	EDRCAM 2,445,75
1T24	scu-rbt TDLo:7 mg/kg (1-7D preg)	EDRCAM 2,445,75
1T29	scu-ham TDLo:40 mg/kg (6-10D preg)	INJFA3 22,184,77
1T26	scu-ham TDLo:16800 ug/kg (1-7D preg)	INJFA3 22,40,77

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEFTAA 11,113,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6372500 LUTEINIZING HORMONE-RELEASING HORMONE, N-AC-L-ALA(sup 1),p-C1-D-PHE(sup 2),D-TRP(sup 3,6)-
UPDT:8412

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T01T02	scu-rat TDLo:8400 ug/kg (21D male)	FESTAS 41,309,84

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6373000 LUTEINIZING HORMONE-RELEASING HORMONE, (AC-D-ALA(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-
UPDT:8402
SYN: (AC-D-ALA(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-LHRH * (AC-D-ALA(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-LUTEINIZING HORMONE-RELEASING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:500 ug/kg (1D pre)	BBRCA9 86,1266,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6375000 LUTEINIZING HORMONE-RELEASING HORMONE, (N-AC-D-p-Cl-PHE(sup 1,2)-D-TRP(sup 3)-D-PHE(sup 6)- D-ALA(sup 10))-
UPDT:8402
SYN: (N-AC-D-p-Cl-PHE(sup 1,2)-D-TRP(sup 3)-D-PHE(sup 6)-D-ALA(sup 10))-LHRH

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	ims-wmn TDLo:40 ug/kg (1D pre)	CCPTAY 24,315,81
1T29	par-rat TDLo:37500 ng/kg (1D pre)	BBRCA9 100,915,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6376000 LUTEINIZING HORMONE-RELEASING HORMONE, (N-AC-D-p-Cl-PHE(sup 1,2)-D-TRP(sup 3)-D-PHE(sup 6)- D-SER(sup 10))-
UPDT:8402
SYN: (N-AC-D-p-Cl-PHE(sup 1,2)-D-TRP(sup 3)-D-PHE(sup 6)-D-SER(sup 10))-LHRH

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	par-rat TDLo:75 ug/kg (1D pre)	BBRCA9 100,915,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6376200 LUTEINIZING HORMONE-RELEASING HORMONE, (N-AC-D-p-F-PHE(sup 1)-D-p-Cl-PHE(sup 2)- D-TRP(sup 3,6)-D-ALA(sup 10))-
UPDT:8402
SYN: (N-AC-D-p-F-PHE(sup 1)-D-p-Cl-PHE(sup 2)-D-TRP(sup 3,6)-D-ALA(sup 10))-LHRH

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	par-rat TDLo:37500 ng/kg (1D pre)	BBRCA9 100,915,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6376400 LUTEINIZING HORMONE-RELEASING HORMONE, (AC-HYP(sup 1)-D-PHE(sup 2)-D-TRP(sup 3)- D-TRP(sup 6))-
UPDT:8402
SYN: (AC-HYP(sup 1)-D-PHE(sup 2)-D-TRP(sup 3)-D-TRP(sup 6))-LHRH * (AC-HYP(sup 1)-D-PHE(sup 2)-D-TRP(sup 3)-D-TRP(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:1 mg/kg (1D pre)	ENDOAO 106,674,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6376600 LUTEINIZING HORMONE-RELEASING HORMONE, (N-AC-DL-5-ME-TRP(sup 1)-D-p-Cl-PHE(sup 2)- D-TRP(sup 3)-D-PHE(sup 6)-D-ALA(sup 10))-
UPDT:8402
SYN: (N-AC-DL-5-ME-TRP(sup 1)-D-p-Cl-PHE(sup 2)-D-TRP(sup 3)-D-PHE(sup 6)-D-ALA(sup 10))-LHRH

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	par-rat TDLo:75 ug/kg (1D pre)	BBRCA9 100,915,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6376700 LUTEINIZING HORMONE-RELEASING HORMONE, (AC-D-NAL(2)(sup 1)-p-F-D-PHE(sup 2)-D-TRP(sup 3)- D-ARG(sup 6))-
UPDT:8408 CAS: 86855-16-5
SYN: (AC-D-NAL(2)(sup 1)-4-F-D-PHE(sup 2)-D-TRP(sup 3)-D-ARG(sup 6))-GnRH * (AC-D-NAL(2)(sup 1)-4-F-D-PHE(sup 2)-D-TRP(sup 3)-D-ARG(sup 6))-LHRH

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-rat TDLo:7 mg/kg (1-7D preg)	JMCMAR 26,1545,83
1T03	scu-rat TDLo:3750 ug/kg (15D male)	CCPTAY 29,271,84
1T02	scu-rat TDLo:18750 ug/kg (15D male)	CCPTAY 29,271,84
1T13	unk-rat TDLo:25 mg/kg (25D pre)	JMCMAR 26,1545,83

1T03	scu-rbt TDLo:18750 ug/kg (15D male)	CCPTAY 29,271,84

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6376800 LUTEINIZING HORMONE-RELEASING HORMONE, (N-AC-D-PHE(sup 1)-D-p-Cl-PHE(sup 2)-D-TRP(sup 3,6)- D-ALA(sup 10))-
UPDT:8402
SYN: (N-AC-D-PHE(sup 1)-D-p-Cl-PHE(sup 2)-D-TRP(sup 3,6)-D-ALA(sup 10))-LHRH

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	par-rat TDLo:75 ug/kg (1D pre)	BBRCA9 100,915,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6377000 LUTEINIZING HORMONE-RELEASING HORMONE, (AC-D-PHE(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-
UPDT:8402
SYN: (AC-D-PHE(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-LHRH * (AC-D-PHE(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-LUTEINIZING HORMONE-RELEASING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:500 ug/kg (1D pre)	BBRCA9 86,1266,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6377200 LUTEINIZING HORMONE-RELEASING HORMONE, (AC-delta(sup 3)-PRO(sup 1)-p-Cl-D-PHE(sup 2)- D-TRP(sup 3,6))-
UPDT:8402 CAS: 80152-22-3
SYN: (AC-delta(sup 3)-PRO(sup 1)-4-Cl-D-PHE(sup 2)-D-TRP(sup 3,6))-GnRH * (AC-delta(sup 3)-PRO(sup 1)-4-Cl-D-PHE(sup 2)-D-TRP(sup 3,6))-GONADOTROPIN RELEASING HORMONE * (AC-delta(sup 3)-PRO(sup 1)-4-Cl-D-PHE(sup 2)-D-TRP(sup 3,6))-LHRH

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:7500 ug/kg (8-12D preg)	ENDOAO 110,347,82
1T13	unk-rat TDLo:130 mg/kg (26D pre)	JMCMAR 26,1545,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LUTEINIZING HORMONE-RELEASING HORMONE, (AC-D-PRO(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))- see: OK6391000

OK6380000 LUTEINIZING HORMONE-RELEASING HORMONE, (AC-delta(sup 3)-PRO(sup 1)-p-Cl-D-PHE(sup 2)- D-TRP(sup 3,6)-N(sup alpha)-MeLEU(sup 7))-
UPDT:8402
SYN: (AC-delta(sup 3)-PRO(sup 1)-p-Cl-D-PHE(sup 2)-D-TRP(sup 3,6)-N(sup alpha)-MeLEU(sup 7))-GnRH

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T02T03T21	scu-rat TDLo:42 mg/kg (14D male)	ENDOAO 108,1998,81
1T09	scu-rat TDLo:3 mg/kg (1D male)	ENDOAO 108,1998,81
1T29	scu-rat TDLo:10 mg/kg (9-10D preg)	BIREBV 24,1061,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6390000 LUTEINIZING HORMONE-RELEASING HORMONE, (AC-delta(sup 3)-PRO(sup 1)-p-F-D-PHE(sup 2)- D-TRP(sup 3,6))-
UPDT:8402
SYN: (AC-delta(sup 3)-PRO(sup 1)-p-F-D-PHE(sup 2)-D-TRP(sup 3,6))-GnRH * (AC-delta(sup 3)-PRO(sup 1)-p-F-D-PHE(sup 2)-D-TRP(sup 3,6))-GONADOTROPIN RELEASING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T09	scu-rat TDLo:300 ug/kg (1D male)	ENDOAO 108,1998,81
1T29	scu-rat TDLo:3 mg/kg (5-7D preg)	BIREBV 24,1061,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6391000 LUTEINIZING HORMONE-RELEASING HORMONE, (AC-PRO(sup 1)-D-PHE(sup 2)-D-TRF(sup 3)- D-TRP(sup 6))-
UPDT:8402
SYN: (AC-D-PRO(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-LHRH * (AC-D-PRO(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-LUTEINIZING HORMONE-RELEASING HORMONE * (AC-PRO(sup 1)-D-PHE(sup 2)-D-TRP(sup 3)-D-TRP(sup 6))-LHRH * (AC-PRO(sup 1)-D-PHE(sup 2)-D-TRP(sup 3)-D-TRP(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE * LUTEINIZING HORMONE-RELEASING HORMONE, (AC-D-PRO(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:500 ug/kg (1D pre)	BBRCA9 86,1266,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6392000 LUTEINIZING HORMONE-RELEASING HORMONE, (AC-D-THI(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-
UPDT:8402
SYN: (AC-D-THI(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-LHRH * (AC-D-THI(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-LUTEINIZING HORMONE-RELEASING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:500 ug/kg (1D pre)	BBRCA9 86,1266,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6393000 LUTEINIZING HORMONE-RELEASING HORMONE, (N-AC-D-TRP(sup 1,3)-D-p-Cl-PHE(sup 2)-D-ARG(sup 6)- D-ALA(sup 10))-
UPDT:8408
SYN: (N-AC-D-TRP(sup 1,3)-D-p-Cl-PHE(sup 2)-D-ARG(sup 6)-D-ALA(sup 10))-LHRH

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T13T29	scu-mky TDLo:3600 ug/kg (90D pre)	CCPTAY 29,83,84

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6395000 LUTEINIZING HORMONE-RELEASING HORMONE, (N-AC-D-TRP(sup 1,3)-D-p-Cl-PHE(sup 2)-D-PHE(sup 6)- D-ALA(sup 10))-
UPDT:8408
SYN: (N-AC-D-TRP(sup 1,3)-D-p-Cl-PHE(sup 2)-D-PHE(sup 6)-D-ALA(sup 10))-LHRH

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	par-rat TDLo:37500 ng/kg (1D pre)	BBRCA9 100,915,81
1T29	scu-mky TDLo:5 mg/kg (25D pre)	CCPTAY 27,619,83
1T14	scu-mky TDLo:1200 ug/kg (6D pre)	FESTAS 40,678,83
1T14	ims-mky TDLo:1 mg/kg (5D pre)	CCPTAY 24,275,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6396000 LUTEINIZING HORMONE-RELEASING HORMONE, (N-AC-DL-TRP(sup 1)-D-p-Cl-PHE(sup 2)-D-TRP(sup 3)- D-PHE(sup 6)-D-ALA(sup 10))-
UPDT:8402
SYN: (N-AC-DL-TRP(sup 1)-D-p-Cl-PHE(sup 2)-D-TRP(sup 3)-D-PHE(sup 6)-D-ALA(sup 10))-LHRH

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	par-rat TDLo:150 ug/kg (1D pre)	BBRCA9 100,915,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6397000 LUTEINIZING HORMONE-RELEASING HORMONE, (AC-D-TRP(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-
UPDT:8402
SYN: (AC-D-TRP(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-LHRH * (AC-D-TRP(sup 1)-D-PHE(sup 2)-D-TRP(sup 3,6))-LUTEINIZING HORMONE-RELEASING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:500 ug/kg (1D pre)	BBRCA9 86,1266,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6400000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-ALA(sup 6))-
UPDT:8403
SYN: (D-ALA(sup 6))-LHRH * (D-ALA(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:350 ug/kg (1-7D preg)	FESTAS 28,471,77
1T22	scu-rat TDLo:350 ug/kg (1-7D preg)	EDRCAM 6,1,79
1T25	scu-rat TDLo:3 mg/kg (7-12D preg)	EDRCAM 6,1,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6410000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-ALA(sup 6)-DES-GLY(sup 10))-, ETHYLAMIDE
UPDT:8310
SYN: (D-ALA(sup 6)-DES-GLY(sup 10))-LHRH ETHYLAMIDE * (D-ALA(sup 6)-DES-GLY(sup 10))-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	scu-rat TDLo:875 ug/kg (1-7D preg)	BBRCA9 72,1003,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6420000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-ALA(sup 6)-DES-GLY-NH2(sup 10))-, ETHYLAMIDE
UPDT:8405 CAS: 52435-06-0 MW: 1167.50 MOLFM: C56-H78-N16-O12
SYN: (D-ALA(sup 6)-DES-GLY-NH2(sup 10))LHRH ETHYLAMIDE * (D-ALA(sup 6)-DES-GLY-NH2(sup 10))-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE * 6-D-ALANINE-9-(N-ETHYL-L-PROLINAMIDE)-10-DEGLYCINAMIDE-LUTEINIZING HORMONE-RELEASING HORMONE * AY-25,205 * TAP 127 * WY 18481

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	orl-rat TDLo:3500 ug/kg (1-7D preg)	IJGOAL 16,359,79
1T25	orl-rat TDLo:30 mg/kg (7-12D preg)	IJGOAL 16,359,79
1T25	scu-rat TDLo:300 ug/kg (7-12D preg)	IJGOAL 16,359,79
1T02	scu-rat TDLo:2500 ng/kg (5D male)	ENDOAO 103,641,78
1T03	scu-rat TDLo:8400 ug/kg (21D male)	JOAND3 2,152,81
1T09	scu-rat TDLo:360 ng/kg (9D male)	BIREBV 22,1094,80
2T24T29	scu-rat TDLo:35 ug/kg (1-7D preg)	IJGOAL 16,359,79
1T21	ims-rat TDLo:50 ng/kg (1D pre)	JRPFA4 44,87,75
1T22	ims-rat TDLo:100 ng/kg (1D pre)	FESTAS 27,1078,76
1T29	ims-rat TDLo:500 ug/kg (7D preg)	IJGOAL 16,359,79
1T09	par-rat TDLo:32 ug/kg (8D male)	JSTBBK 13,191,80
2T12T13	par-rat TDLo:2100 ug/kg (84D pre)	ENDOAO 104,1369,79
1T02	par-rat TDLo:2 ug/kg (4D male)	ENDOAO 104,1369,79
1T03	par-rat TDLo:8 ug/kg (16D male)	ENDOAO 104,1369,79
1T29	scu-rbt TDLo:7 ug/kg (1-7D preg)	IJGOAL 16,359,79
1T25	scu-rbt TDLo:6 ug/kg (7-12D preg)	IJGOAL 16,359,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6430000 LUTEINIZING HORMONE-RELEASING HORMONE, D-ALA(sup 6)-DES-GLY(sup 10)-PRO(sup 9)-, ETHYLAMIDE
UPDT:8403
SYN: D-ALA(sup 6)-DES-GLY(sup 10)-PRO(sup 9)-LHRH ETHYLAMIDE * D-ALA(sup 6)-DES-GLY(sup 10)-PRO(sup 9)-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T12T13T19	scu-rat TDLo:55 mg/kg (11D pre)	INJFA3 23,81,78
1T29	scu-rat TDLo:350 ng/kg (1-7D preg)	INJFA3 23,81,78
1T22	scu-rat TDLo:35 ug/kg (1-7D preg)	EDRCAM 6,1,79
1T25	scu-rat TDLo:750 ug/kg (7-12D preg)	EDRCAM 6.1.79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6440000 LUTEINIZING HORMONE-RELEASING HORMONE, D-ALA(sup 6)-(N)ME-LEU(sup 7)-DES-GLY(sup 10)- PRO(sup 9)-, ETHYLAMIDE
UPDT:8403
SYN: D-ALA(sup 6)-(N)ME-LEU(sup 7)-DES-GLY(sup 10)-PRO(sup 9)-LHPH-ETHYLAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T24T29	scu-rat TDLo:3500 ng/kg (1-7D preg)	INJFA3 23,81,78
1T22	scu-rat TDLo:35 ug/kg (1-7D preg)	EDRCAM 6,1,79
1T25	scu-rat TDLo:30 ug/kg (7-12D preg)	EDRCAM 6,1,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6440500 LUTEINIZING HORMONE-RELEASING HORMONE, (D-ALA(sup 6)-PRO-NHEt(sup 9))-
UPDT:8402
SYN: (D-ALA(sup 6)-PRO-NHEt(sup 9))-LHRH * (D-ALA(sup 6)-PRO-NHEt(sup 9))-LUTEINIZING HORMONE-RELEASING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	imp-mky TDLo:150 ug/kg (95D pre)	INJFA3 25,171,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6441000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-ANA(sup 6))-
UPDT:8401 MW: 1432.78 MOLFM: C72-H89-N17-O15
SYN: (D-ANA(sup 6))-LHRH * (D-ANA(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE * (6-(3-(9-ANTHRYL)-D-ALANINE))-LHRH * (6-(3-(9-ANTHRYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE * LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(9-ANTHRYL)-D-ALANINE))-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	scu-rat TDLo:37800 ng/kg (14D pre)	JMCMAR 25,795,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(9-ANTHRYL)-D-ALANINE))- see: OK6441000

OK6443000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-BHA(sup 6)-PRO-NHEt(sup 9))-
UPDT:8401 MW: 1393.79 MOLFM: C71-H92-N16-O14
SYN: (D-BHA(sup 6)-PRO-NHEt(sup 9))-LHRH * (D-BHA(sup 6)-PRO-NHEt(sup 9))-LUTEINIZING HORMONE-RELEASING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	scu-rat TDLo:15400 ng/kg (14D pre)	JMCMAR 25,795,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6443500 LUTEINIZING HORMONE-RELEASING HORMONE, (D-BIA(sup 6))-
UPDT:8412 MW: 1372.69 MOLFM: C65-H85-N19-O15

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	scu-rat TDLo:80 ug/kg (14D pre)	JMCMAR 27,320,84

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6443600 LUTEINIZING HORMONE-RELEASING HORMONE, (D-BIA(sup 6),PRO(sup 9)-NHEt)-
UPDT:8412 MW: 1343.69 MOLFM: C65-H86-N18-O14

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	scu-rat TDLo:24 ug/kg (14D pre)	JMCMAR 27,320,84

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6444000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-BNA(sup 6))-
UPDT:8401 MW: 1461.62 MOLFM: C68-H86-Br-N17-O15
SYN: (D-BNA(sup 6))-LHRH * (D-BNA(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE * (6-(3-(1-BROMO-2-NAPHTHYL)-D-ALANINE))-LHRH * (6-(3-(1-BROMO-2-NAPHTHYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE * LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(1-BROMO-2-NAPHTHYL)-D-ALANINE))-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	scu-rat TDLo:21 ug/kg (14D pre)	JMCMAR 25,795,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6444200 LUTEINIZING HORMONE-RELEASING HORMONE, (D-BOA(sup 6))-
UPDT:8412 MW: 1372.66 MOLFM: C65-H83-N18-O16
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 scu-rat TDLo:20 ug/kg (14D pre) JMCMAR 27,320,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6444500 LUTEINIZING HORMONE-RELEASING HORMONE, BOC-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-TRP(sup 6))-, ACETATE
UPDT:8401 MW: 1400.78 MOLFM: C68-H89-N15-O14 C2-H4-O2
SYN: BOC-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-TRP(sup 6))-LHRH ACETATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T12T14 scu-rat TDLo:100 mg/kg (10D pre) CCPTAY 22,39,80
1T29 scu-rat TDLo:3 mg/kg (1D pre) CCPTAY 22,39,80
1T29 scu-ham TDLo:14400 ug/kg (1D pre) CCPTAY 22,39,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6445000 LUTEINIZING HORMONE-RELEASING HORMONE, BOC-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-TRP(sup 6))-, ACETATE, TRIHYDRATE
UPDT:8401 MW: 1454.84 MOLFM: C68-H89-N15-O14 C2-H4-O2 3H2-O
SYN: BOC-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-TRP(sup 6))-LHRH ACETATE TRIHYDRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:1650 ug/kg (1D pre) JMCMAR 22,935,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6446000 LUTEINIZING HORMONE-RELEASING HORMONE, BOC-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-TRP(sup 6)- GLY-OCH3(sup 10))-, HYDROCHLORIDE, HYDRATE (2:3:8)
UPDT:8401 MW: 1482.30 MOLFM: C69-H90-N14-C15 .3/2Cl-H .4H2-O
SYN: BOC-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-TRP(sup 6)-GLY-OCH3(sup 10))-LHRH HCl H2-O (2:3:8)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:30 mg/kg (1D pre) JMCMAR 22,935,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6446500 LUTEINIZING HORMONE-RELEASING HORMONE, BOC-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-TRP(sup 6))-, HYDROCHLORIDE
UPDT:8401 MW: 1377.18 MOLFM: C68-H89-N15-O14 Cl-H
SYN: BOC-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-TRP(sup 6))-LHRH HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T12T14 scu-rat TDLo:100 mg/kg (10D pre) CCPTAY 22,39,80
1T29 scu-rat TDLo:3 mg/kg (1D pre) CCPTAY 22,39,80
1T29 ivn-rbt TDLo:75 ug/kg (1D pre) CCPTAY 22,39,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6447000 LUTEINIZING HORMONE-RELEASING HORMONE, BOC-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-TRP(sup 6))-, HYDROCHLORIDE, HYDRATE (2:3:8)
UPDT:8401 MW: 1467.29 MOLFM: C68-H89-N15-O14 3/2Cl-H 4H2-O
SYN: BOC-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-TRP(sup 6))-LHRH HYDROCHLORIDE HYDRATE (2:3:8)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:1650 ug/kg (1D pre) JMCMAR 22,935,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6450000 LUTEINIZING HORMONE-RELEASING HORMONE conjugated to BOVINE SERUM ALBUMIN
UPDT:8310
SYN: LH-RH conjugated to BOVINE SERUM ALBUMIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 ivn-rat TDLo:5 gm/kg (1D pre) NATUAS 244,160,73
3T01T02T03 idr-rat TDLo:4 mg/kg (1D male) JOENAK 63,399,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(1-BROMO-2-NAPHTHYL)-D-ALANINE))- see: OK6444000

OK6451500 LUTEINIZING HORMONE-RELEASING HORMONE, (D-BTA(sup 6))-
UPDT:8412 MW: 1388.72 MOLFM: C65-H83-N18-O15-S
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 scu-rat TDLo:24 ug/kg (14D pre) JMCMAR 27,320,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6452000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-CHA(sup 6))-
UPDT:8401 MW: 1338.72 MOLFM: C64-H91-N17-O15
SYN: (D-CHA(sup 6))-LHRH * (D-CHA(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE * (6-(3-CYCLOHEXYL-D-ALANINE))-LHRH * (6-(3-CYCLOHEXYL-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE * LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-CYCLOHEXYL-D-ALANINE))-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 scu-rat TDLo:42 ug/kg (14D pre) JMCMAR 25,795,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-CYCLOHEXYL-D-ALANINE))- see: OK6452000

OK6455000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-DAA(sup 6))-
UPDT:8401 MW: 1434.80 MOLFM: C72-H91-N17-O15
SYN: (D-DAA(sup 6))-LHRH * (D-DAA(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE * (6-(3-(9,10-DIHYDRO-9-ANTHRYL)-D-ALANINE))-LHRH * (6-(3-(9,10-DIHYDRO-9-ANTHRYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE * LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(9,10-DIHYDRO-9-ANTHRYL)-D-ALANINE))-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 scu-rat TDLo:28 ug/kg (14D pre) JMCMAR 25,795,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6457000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-DCA(sup 6))-
UPDT:8401 MW: 1420.88 MOLFM: C70-H101-N17-O15
SYN: (D-DCA(sup 6))-LHRH * (D-DCA(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE * (6-(3-(DICYCLOHEXYLMETHYL)-D-ALANINE))-LHRH * (6-(3-(DICYCLOHEXYLMETHYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE * LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(DICYCLOHEXYLMETHYL)-D-ALANINE))-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 scu-rat TDLo:19600 ng/kg (14D pre) JMCMAR 25,795,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6458000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-DCB(sup 6))-
UPDT:8412 MW: 1440.56 MOLFM: C65-H82-Cl2-N19-O15
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 scu-rat TDLo:26 ug/kg (14D pre) JMCMAR 27,320,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6460000 LUTEINIZING HORMONE-RELEASING HORMONE, (DES-GLY(sup 10)-(D-LEU(sup 6)(N(sup alpha)-ME) LEU(sup 7),PRO(sup 9)-NHEt))-
UPDT:8310
SYN: (DES-GLY(sup 10)-(D-LEU(sup 6)(N(sup alpha)-ME)LEU(sup 7),PRO(sup 9)-NHEt))-LHRH
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 par-rat TDLo:1 mg/kg (5D male) NATUAS 281,66,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6465000 LUTEINIZING HORMONE-RELEASING HORMONE, (DES-HIS(sup 2)-DES-GLY(sup 10))-, ETHYLAMIDE
UPDT:8402
SYN: (DES-HIS(sup 2)-DES-GLY(sup 10))-LHRH ETHYLAMIDE * (DES-HIS(sup 2)-DES-GLY(sup 10))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T19 ivn-rat TDLo:200 ug/kg (1D pre) ENDOAO 95,213,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6470000 LUTEINIZING HORMONE-RELEASING HORMONE, DIACETATE (SALT)
UPDT:8310 MW: 1302.59 MOLFM: C55-H75-N17-O13 2C2-H4-O2
SYN: GONADORELIN DIACETATE * LHRH DIACETATE
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:154 mg/kg NIIRDN 6,273,82
* ivn-mus LD50:303 mg/kg NIIRDN 6,273,82

OK6480000 LUTEINIZING HORMONE-RELEASING HORMONE, DIACETATE, TETRAHYDRATE
UPDT:8310 MW: 1374.67 MOLFM: C55-H75-N17-O13 2C2-H4-O2 4H2-O
SYN: LHRH DIACETATE TETRAHYDRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T35T46 ipr-rat TDLo:168 ug/kg (9W male/14D pre-7D preg) OYYAA2 20,149,80
2T22T23 ipr-rat TDLo:154 ug/kg (63D male/14D pre) OYYAA2 20,149,80
1T14 ipr-rat TDLo:280 ug/kg (14D pre) OYYAA2 20,149,80
1T03 ipr-rat TDLo:182 ug/kg (91D male) OYYAA2 20,149,80
1T13 ipr-rat TDLo:840 ug/kg (42D pre) OYYAA2 20,149,80
TOXICITY DATA AND REFERENCES:
3F07F12J26 ivn-rat LD50:203 mg/kg OYYAA2 8,605,74
3F07F12J26 ivn-mus LD50:416 mg/kg OYYAA2 8,605,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(DICYCLOHEXYLMETHYL)-D-ALANINE))- see: OK6457000

LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(9,10-DIHYDRO-9-ANTHRYL)-D-ALANINE))- see: OK6455000

OK6486000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-DMB(sup 6))-
UPDT:8412 MW: 1400.75 MOLFM: C67-H89-N19-O15
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 scu-rat TDLo:15 ug/kg (14D pre) JMCMAR 27,320,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6490000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-p-F-PHE(sup 2)-D-ALA(sup 6))-
UPDT:8411
SYN: (D-p-F-PHE(sup 2)-D-ALA(sup 6))-LHRH * (D-p-F-PHE(sup 2)-D-ALA(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:3750 ug/kg (1D pre) JMCMAR 18,1247,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6493000 LUTEINIZING HORMONE-RELEASING HORMONE, Z-(GLN(sup 1)-DES-HIS(sup 2)-D-MET(sup 6)- DES-GLY(sup 10))-, ETHYLAMIDE, HYDROCHLORIDE, HYDRATE (1:1:2)
UPDT:8401 MW: 1314.14 MOLFM: C60-H84-N14-O13-S Cl-H 2H2-O
SYN: Z-(GLN(sup 1)-DES-HIS(sup 2)-D-MET(sup 6)-DES-GLY(sup 10))-LHRH ETHYLAMIDE HCl H2-O (1:1:2)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:90 mg/kg (1D pre) JMCMAR 22,935,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6494000 LUTEINIZING HORMONE-RELEASING HORMONE, Z-(GLN(sup 1)-DES-HIS(sup 2)-D-PRO(sup 6)- DES-GLY(sup 10))-, ETHYLAMIDE, ACETATE, HYDRATE (2:7:5)
UPDT:8401 MW: 1462.61 MOLFM: C60-H82-N14-O13 7/2C2-H4-O2 5/2H2-O
SYN: Z-(GLN(sup 1)-DES-HIS(sup 2)-D-PRO(sup 6)-DES-GLY(sup 10))-LHRH ETHYLAMIDE ACETATE HYDRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:30 mg/kg (1D pre) JMCMAR 22,935,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6494800 LUTEINIZING HORMONE-RELEASING HORMONE, Z-(GLN(sup 1)-DES-HIS(sup 2)-D-PSE(sup 6)- DES-GLY(sup 10))-, ETHYLAMIDE, ACETATE
UPDT:8401 MW: 1333.68 MOLFM: C64-H84-N14-O14 C2-H4-O2
SYN: Z-(GLN(sup 1)-DES-HIS(sup 2)-D-PSE(sup 6)-DES-GLY(sup 10))-LHRH ETHYLAMIDE ACETATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T12T14 scu-rat TDLo:100 mg/kg (10D pre) CCPTAY 22,39,80
1T29 scu-rat TDLo:9 mg/kg (1D pre) CCPTAY 22,39,80
1T29 scu-ham TDLo:14400 ug/kg (1D pre) CCPTAY 22,39,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6495000 LUTEINIZING HORMONE-RELEASING HORMONE, Z-(GLN(sup 1)-DES-HIS(sup 2)-D-PSE(sup 6)- DES-GLY(sup 10))-, ETHYLAMIDE, ACETATE, TETRAHYDRATE
UPDT:8401 MW: 1405.76 MOLFM: C64-H84-N14-O14 C2-H4-O2 4H2-O
SYN: Z-(GLN(sup 1)-DES-HIS(sup 2)-D-PSE(sup 6)-DES-GLY(sup 10))-LHRH ETHYLAMIDE ACETATE 4H2-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:3 mg/kg (1D pre) JMCMAR 22,935,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6495800 LUTEINIZING HORMONE-RELEASING HORMONE, Z-(GLN(sup 1)-DES-HIS(sup 2)-D-PSE(sup 6)- DES-GLY(sup 10))-, ETHYLAMIDE, HYDROCHLORIDE
UPDT:8401 MW: 1310.08 MOLFM: C64-H84-N14-O14 Cl-H
SYN: Z-(GLN(sup 1)-DES-HIS(sup 2)-D-PSE(sup 6)-DES-GLY(sup 10))-LHRH ETHYLAMIDE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:15 mg/kg (1D pre) CCPTAY 22,39,80
1T29 ivn-rbt TDLo:250 ug/kg (1D pre) CCPTAY 22,39,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6496000 LUTEINIZING HORMONE-RELEASING HORMONE, Z-(GLN(sup 1)-DES-HIS(sup 2)-D-PSE(sup 6)- DES-GLY(sup 10))-, ETHYLAMIDE, HYDROCHLORIDE, HYDRATE (10:17:30)
UPDT:8401 MW: 1389.48 MOLFM: C64-H84-N14-O14 17/10Cl-H 3H2-O

SYN: Z-(GLN(sup 1)-DES-HIS(sup 2)-D-PSE(sup 6)-DES-GLY(sup 10))-LHRH ETHYLAMIDE HCl H2-O

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 scu-rat TDLo:12 mg/kg (1D pre) JMCMAR 22,935,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6497000 LUTEINIZING HORMONE-RELEASING HORMONE, Z-(GLN(NH-BZL)(sup 1)-DES-HIS(sup 2))-, HYDROCHLORIDE, HYDRATE (2:3:6)

UPDT:8401 MW: 1395.19 MOLFM: C64-H83-N15-O14 .3/2Cl-H 3H2-O

SYN: Z-(GLN(NH-BZL)(sup 1)-DES-HIS(sup 2))-LHRH HYDROCHLORIDE HYDRATE (2:3:6) * Z-(GLN(NH-BZL)(sup 1)-DES-HIS(sup 2))-LUTEINIZING HORMONE-RELEASING HORMONE HCl H2-O (2:3:6)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 scu-rat TDLo:30 mg/kg (1D pre) JMCMAR 22,935,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6498000 LUTEINIZING HORMONE-RELEASING HORMONE, (L-GLU(sup 1)-D-PHE(sup 2)-PRO(sup 3)-D-PHE(sup 6))-

UPDT:8402

SYN: (L-GLU(sup 1)-D-PHE(sup 2)-PRO(sup 3)-D-PHE(sup 6))-LHRH * (L-GLU(sup 1)-D-PHE(sup 2)-PRO(sup 3)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 scu-rat TDLo:1875 ug/kg (1D pre) ENDOAO 106,674,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6499000 LUTEINIZING HORMONE-RELEASING HORMONE, (L-GLU(sup 1)-D-PHE(sup 2)-PRO(sup 3)-D-TRP(sup 6))-

UPDT:8402

SYN: (L-GLU(sup 1)-D-PHE(sup 2)-PRO(sup 3)-D-TRP(sup 6))-LHRH * (L-GLU(sup 1)-D-PHE(sup 2)-PRO(sup 3)-D-TRP(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 scu-rat TDLo:1875 ug/kg (1D pre) ENDOAO 106,674,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6500000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-pGLU(sup 1),D-PHE(sup 2),D-TRP(sup 3,6))-

UPDT:8406

SYN: (D-pGLU(sup 1),D-PHE(sup 2),D-TRP(sup 3,6))-LHRH * (D-pGLU(sup 1),D-PHE(sup 2),D-TRP(sup 3,6))-LRF * (D-pGLU(sup 1),D-PHE(sup 2),D-TRP(sup 3,6))-LUTEINIZING HORMONE-RELEASING HORMONE * (D-GLU(sup 1),D-PHE(sup 2),D-TRP(sup 3),D-TRP(sup 6))-LHRH * (D-GLU(sup 1),D-PHE(sup 2),D-TRP(sup 3),D-TRP(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE * LUTEINIZING HORMONE-RELEASING HORMONE, (D-GLU(sup 1),D-PHE(sup 2),D-TRP(sup 3),D-TRP(sup 6))-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T16T35 scu-rat TDLo:87500 ug/kg (1-7D preg) CCPTAY 19,185,79
2T13T24 scu-rat TDLo:175 mg/kg (1-7D preg) CCPTAY 19,185,79
1T29 scu-rat TDLo:500 ug/kg (1D pre) LIFSAK 23,869,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6502000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-GLU(sup 1)-D-PHE(sup 2)-D-TRP(sup 3)- D-PHE(sup 6))-

UPDT:8402

SYN: (D-GLU(sup 1)-D-PHE(sup 2)-D-TRP(sup 3)-D-PHE(sup 6))-LHRH * (D-GLU(sup 1)-D-PHE(sup 2)-D-TRP(sup 3)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 scu-rat TDLo:500 ug/kg (1D pre) ENDOAO 106,674,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6502500 LUTEINIZING HORMONE-RELEASING HORMONE, (D-p-GLU(sup 1)-D-PHE(sup 2)-D-TRP(sup 3)- D-PHE(sup 6))-

UPDT:8406

SYN: (D-p-GLU(sup 1)-D-PHE(sup 2)-D-TRP(sup 3)-D-PHE(sup 6))-LHRH

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 scu-rat TDLo:2500 ug/kg (1D pre) LIFSAK 23,869,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LUTEINIZING HORMONE-RELEASING HORMONE, (D-GLU(sup 1),D-PHE(sup 2),D-TRP(sup 3),D-TRP(sup 6))- see: OK6500000

OK6504000 LUTEINIZING HORMONE-RELEASING HORMONE, (L-GLU-PRO(sup 1)-D-PHE(sup 2)-D-TRP(sup 3)- D-TRP(sup 6))-

UPDT:8402

SYN: (L-GLU-PRO(sup 1)-D-PHE(sup 2)-D-TRP(sup 3)-D-TRP(sup 6))-LHRH

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 scu-rat TDLo:500 ug/kg (1D pre) ENDOAO 106,674,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6506000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-GLU(sup 1)-D-THI(sup 2)-D-TRP(sup 3,6))-

UPDT:8402

SYN: (D-GLU(sup 1)-D-THI(sup 2)-D-TRP(sup 3,6))-LHRH * (D-GLU(sup 1)-D-THI(sup 2)-D-TRP(sup 3,6))-LUTEINIZING HORMONE-RELEASING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 scu-rat TDLo:2500 ug/kg (1D pre) BBRCA9 86,1266,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LUTEINIZING HORMONE-RELEASING HORMONE, (L-HIS(sup 2)-L-GLY(sup 6))- see: OK6509000

OK6508000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-HIS(sub 6)(IM-BZL)-PRO(sup 9)-NEt)-

UPDT:8402

SYN: GONADOTROPIN RELEASING HORMONE, (D-HIS(sub 6)(IM-BZL)-PRO(sup 9)-NEt)- * (D-HIS(sup 6)(IM-BZL)-PRO(sup 9)-NEt)-GnRH * (D-HIS(sup 6)(IM-BZL)-PRO(sup 9)-NEt)-GONADOTROPIN RELEASING HORMONE * (D-HIS(sup 6)(IM-BZL)-PRO(sup 9)-NEt)-LHRH * (D-HIS(sup 6)(IM-BZL)-PRO(sup 9)-NEt)-LUTEINIZING HORMONE-RELEASING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13 unk-rat TDLo:92500 ng/kg (37D pre) JMCMAR 26,1545,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6509000 LUTEINIZING HORMONE-RELEASING HORMONE, 2-L-HISTIDINE-6-L-GLYCINE-

UPDT:8411

SYN: (L-HIS(sup 2)-L-GLY(sup 6))-LHRH * (L-HIS(sup 2)-L-GLY(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE * LUTEINIZING HORMONE-RELEASING HORMONE, (L-HIS(sup 2)-L-GLY(sup 6))- * WY 16,558

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 scu-rbt TDLo:7 mg/kg (1-7D preg) IJGOAL 16,359,79
1T25 scu-rbt TDLo:600 ug/kg (7-12D preg) IJGOAL 16,359,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6510000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-LEU(sup 6))-

UPDT:8310

SYN: (D-LEU(sup 6))-LHRH * (D-LEU(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 scu-rat TDLo:7 mg/kg (1-7D preg) FESTAS 28,471,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6515000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-LEU(sup 6),DES-GLY(sup 10))-, ETHYLAMIDE

UPDT:8412

SYN: (D-LEU(sup 6),DES-GLY(sup 10))-GONADOTROPIN RELEASING HORMONE ETHYLAMIDE * (D-LEU(sup 6),DES-GLY(sup 10))-LHRH ETHYLAMIDE * (D-LEU(sup 6),DES-GLY(sup 10))-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T03 scu-rat TDLo:11200 ng/kg (14D male) BIREBV 30,646,84
2T01T02 scu-rat TDLo:16800 ng/kg (21D male) FESTAS 41,309,84

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6520000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-LEU(sup 6),DES-GLY-NH2(sup 10))-, ETHYLAMIDE

UPDT:8405

SYN: (D-LEU(sup 6),DES-GLY-NH2(sup 10))-LHRH ETHYLAMIDE * (D-LEU(sup 6),DES-GLY-NH2(sup 10))-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T03 scu-rat TDLo:80 ng/kg (40D male) FESTAS 30,600,78
1T09 scu-rat TDLo:800 ng/kg (40D male) FESTAS 30,600,78
2T02T09 par-rat TDLo:63 ug/kg (7D male) IJSPDJ 2,303,78
3T02T03T09 par-rat TDLo:1120 ng/kg (7D male) ENDOAO 101,1890,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6530000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-LEU(sup 6),DES-GLY-NH2(sup 10),PRO- ETHYLAMIDE(sup 9))-

UPDT:8310

SYN: (D-LEU(sup 6),DES-GLY-NH2(sup 10),PRO-ETHYLAMIDE(sup 9))-GONADOTROPIN RELEASING HORMONE * (D-LEU(sup 6),DES-GLY-NH2(sup 10),PRO-ETHYLAMIDE(sup 9))-GnRH * (D-LEU(sup 6),DES-GLY-NH2(sup 10),PRO-ETHYLAMIDE(sup 9))-LHRH

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T26 ivn-rbt TDLo:50 ug/kg (15D preg) PSEBAA 152,29,76
1T29 ivn-rbt TDLo:25 ug/kg (11D preg) PSEBAA 152,29,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6540000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-LEU(sup 6)-DES-GLY(sup 10)-PRO(sup 9))-, ETHYLAMIDE

UPDT:8310

SYN: (D-LEU(sup 6)-DES-GLY(sup 10)-PRO(sup 9))-LHRH ETHYLAMIDE * (D-LEU(sup 6)-DES-GLY(sup 10)-PRO(sup 9))-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 scu-rat TDLo:7 mg/kg (1-7D preg) FESTAS 28,471,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6545000 LUTEINIZING HORMONE-RELEASING HORMONE, Z-(LEU(sup 1)-DES-HIS(sup 2))-, HYDROCHLORIDE, HYDRATE (2:3:6)

UPDT:8401 MW: 1290.09 MOLFM: C58-H80-N14-O13 3/2Cl-H 3H2-O

SYN: Z-(LEU(sup 1)-DES-HIS(sup 2))-LHRH HYDROCHLORIDE HYDRATE (2:3:6) * Z-(LEU(sup 1)-DES-HIS(sup 2))-LUTEINIZING HORMONE-RELEASING HORMONE HCl H2-O (2:3:6)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 scu-rat TDLo:90 mg/kg (1D pre) JMCMAR 22,935,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6547000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-LEU(sup 6))-, ETHYLAMIDE

UPDT:8407

SYN: (D-LEU(sup 6))-LHRH ETHYLAMIDE * (D-LEU(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T09 par-rat TDLo:672 ng/kg (7D male) INJFA3 25,157,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6560000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-LEU(sup 6)(N(sup alpha)-ME)LEU(sup 7))-

UPDT:8310

SYN: (D-LEU(sup 6)(N(sup alpha)-ME)LEU(sup 7))-LHRH * (D-LEU(sup 6)(N(sup alpha)-ME)LEU(sup 7))-LUTEINIZING HORMONE-RELEASING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02 par-rat TDLo:4 mg/kg (5D male) NATUAS 281,66,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LUTEINIZING HORMONE-RELEASING HORMONE, ((2-ME-ALA)(sup 6))- see: OK6580000

OK6580000 LUTEINIZING HORMONE-RELEASING HORMONE, 6-(2-METHYLALANINE)

UPDT:8310 CAS: 60452-40-6

SYN: LUTEINIZING HORMONE-RELEASING HORMONE, ((2-ME-ALA)(sup 6)) * ((2-ME-ALA)(sup 6))-LHRH * ((2-ME-ALA)(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 scu-rat TDLo:3500 ug/kg (1-7D preg) FESTAS 28,471,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6590000 LUTEINIZING HORMONE-RELEASING HORMONE, MONOACETATE, TETRAHYDRATE

UPDT:8310

SYN: LHRH MONOACETATE TETRAHYDRATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T24T29 scu-rat TDLo:5 mg/kg (3D preg) BIREBV 19,84,78
1T13 scu-rat TDLo:1050 ug/kg (1-7D preg) BIREBV 19,84,78
1T26 scu-rat TDLo:3500 ug/kg (1-7D preg) BIREBV 19,84,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6591000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-MTF(sup 6))-

UPDT:8401 MW: 1400.66 MOLFM: C65-H84-F3-N17-O15

SYN: LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(m-(TRIFLUOROMETHYL)PHENYL)-D-ALANINE))- * (D-MTF(sup 6))-LHRH * (D-MTF(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE * (6-(3-(m-(TRIFLUOROMETHYL)PHENYL)-D-ALANINE))-LHRH * (6-(3-(m-(TRIFLUOROMETHYL)PHENYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14 scu-rat TDLo:18200 ng/kg (14D pre) JMCMAR 25,795,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6592000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-NAL(1)(sup 6))-

UPDT:8401 MW: 1382.72 MOLFM: C68-H87-N17-O15

SYN: LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(1-NAPHTHYL)-D-ALANINE))- * (D-NAL(1)(sup 6))-LHRH * (D-NAL(1)(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE * (6-(3-(1-NAPHTHYL)-D-ALANINE))-LHRH * (6-(3-(1-NAPHTHYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14 scu-rat TDLo:42 ug/kg (14D pre) JMCMAR 25,795,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6593000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-NAL(2)(sup 6))-
UPDT:8408 MW: 1382.72 MOLFM: C68-H87-N17-O15
SYN: LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(2-NAPHTHYL)-D-ALANINE))- * (D-NAL(2)(sup 6))-LHRH * (D-NAL(2)(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE * (6-(3-(2-NAPHTHYL)-D-ALANINE))-LHRH * (6-(3-(2-NAPHTHYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 scu-rat TDLo:9800 ng/kg (14D pre) JMCMAR 25,795,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6594000 LUTEINIZING HORMONE-RELEASING HORMONE, (NAL(1)(sup 3)-D-NAL(2)(sup 6)-PRO-NHEt(sup 9))-
UPDT:8401 MW: 1364.74 MOLFM: C70-H89-N15-O14
SYN: (NAL(1)(sup 3)-D-NAL(2)(sup 6)-PRO-NHEt(sup 9))-LHRH * (NAL(1)(sup 3)-D-NAL(2)(sup 6)-PRO-NHEt(sup 9))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 scu-rat TDLo:22400 ng/kg (14D pre) JMCMAR 25,795,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6595000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-NAL(2)(sup 6)-NMe-LEU(sup 7))-
UPDT:8401 MW: 1382.74 MOLFM: C69-H89-N16-O15
SYN: (D-NAL(2)(sup 6)-NMe-LEU(sup 7))-LHRH * (D-NAL(2)(sup 6)-NMe-LEU(sup 7))-LUTEINIZING HORMONE-RELEASING HORMONE * (6-(3-(2-NAPHTHYL)-D-ALANINE)-7-(N(sup alpha)-METHYLLEUCINE))-LHRH
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 scu-rat TDLo:9800 ng/kg (14D pre) JMCMAR 25,795,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6596000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-NAL(2)(sup 6)-NMe-LEU(sup 7)-PRO-NHEt(sup 9))-
UPDT:8401 MW: 1367.75 MOLFM: C69-H90-N16-O14
SYN: (D-NAL(2)(sup 6)-NMe-LEU(sup 7)-PRO-NHEt(sup 9))-LHRH * (D-NAL(2)(sup 6)-NMe-LEU(sup 7)-PRO-NHEt(sup 9))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 scu-rat TDLo:16800 ng/kg (14D pre) JMCMAR 25,795,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6597000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-NAL(2)(sup 6)-PRO-NHEt(sup 9))-
UPDT:8401 MW: 1353.72 MOLFM: C68-H88-N16-O14
SYN: (D-NAL(2)(sup 6)-PRO-NHEt(sup 9))-LHRH * (D-NAL(2)(sup 6)-PRO-NHEt(sup 9))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 scu-rat TDLo:30800 ng/kg (14D pre) JMCMAR 25,795,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(1-NAPHTHYL)-D-ALANINE))- see: OK6592000

LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(2-NAPHTHYL)-D-ALANINE))- see: OK6593000

OK6597300 LUTEINIZING HORMONE-RELEASING HORMONE, (D-NIA(sup 6),PRO(sup 9)-NHEt)-
UPDT:8412 MW: 1393.75 MOLFM: C69-H88-N18-O14
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 scu-rat TDLo:30 ug/kg (14D pre) JMCMAR 27,320,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(PENTAFLUOROPHENYL)-D-ALANINE))- see: OK6598000

OK6598000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PFP(sup 6))-
UPDT:8401 MW: 1422.61 MOLFM: C64-H80-F5-N17-O15
SYN: LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(PENTAFLUOROPHENYL)-D-ALANINE)) * (6-(3-(PENTAFLUOROPHENYL)-D-ALANINE))-LHRH * (6-(3-(PENTAFLUOROPHENYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE * (D-PFP(sup 6))-LHRH * (D-PFP(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 scu-rat TDLo:16800 ng/kg (14D pre) JMCMAR 25,795,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6599000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(SUP 2))-
UPDT:8412
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:30 mg/kg (1D pre) PSSYDG 8,193,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6600000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(sup 2))-(D-ALA(sup 6)-
UPDT:8411 CAS: 54784-44-0 MW: 1206.53 MOLFM: C59-H79-N15-O13
SYN: LUTEINIZING HORMONE-RELEASING HORMONE (PIG), 2-D-PHENYLALANINE-6-D-ALANINE- * (D-PHE(sup 2))-(D-ALA(sup 6))-LHRH * (D-PHE(sup 2))-(D-ALA(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE * WY-18,185
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:3750 ug/kg (1D pre) JMCMAR 18,1247,75
1T22 scu-rat TDLo:2500 ug/kg (1D pre) IJGOAL 16,359,79
1T29 ims-rat TDLo:30 mg/kg (1D pre) EDRCAM 2,1,75
1T29 scu-rbt TDLo:12500 ug/kg (1D pre) EDRCAM 2,1,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6606000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(sup 2)-ALA(sup 3)-ALA(sup 4)-D-PHE(sup 6))-
UPDT:8402
SYN: (D-PHE(sup 2)-ALA(sup 3)-ALA(sup 4)-D-PHE(sup 6))-LHRH * (D-PHE(sup 2)-ALA(sup 3)-ALA(sup 4)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:30 mg/kg (1D pre) ENDOAO 106,674,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6610000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(sup 2)-D-ARG(sup 6))-
UPDT:8411
SYN: (D-PHE(sup 2)-D-ARG(sup 6))-LHRH * (D-PHE(sup 2)-D-ARG(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:22500 ug/kg JMCMAR 18,1247,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6620000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(sup 2)-D-LEU(sup 6))-
UPDT:8411
SYN: (D-PHE(sup 2)-D-LEU(sup 6))-LHRH * (D-PHE(sup 2)-D-LEU(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:30 mg/kg (1D pre) JMCMAR 18,1247,75
1T29 scu-ham TDLo:720 ug/kg (1D pre) JRPFA4 48,119,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6622000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(sup 2)-LEU(sup 3)-D-PHE(sup 6))-
UPDT:8402
SYN: (D-PHE(sup 2)-LEU(sup 3)-D-PHE(sup 6))-LHRH * (D-PHE(sup 2)-LEU(sup 3)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HOROMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:3750 ug/kg (1D pre) ENDOAO 106,674,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6624000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(sup 2)-LEU(sup 3)-D-TRP(sup 6))-
UPDT:8402
SYN: (D-PHE(sup 2)-LEU(sup 3)-D-TRP(sup 6))-LHRH * (D-PHE(sup 2)-LEU(sup 3)-D-TRP(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:3750 ug/kg (1D pre) BBRCA9 72,939,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6626000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(sup 2)-LEU(sup 3)-D-TRP(sup 6)-ME-LEU(sup 7))-
UPDT:8402
SYN: (D-PHE(sup 2)-LEU(sup 3)-D-TRP(sup 6)-ME-LEU(sup 7))-LHRH * (D-PHE(sup 2)-LEU(sup 3)-D-TRP(sup 6)-ME-LEU(sup 7))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:30 mg/kg (1D pre) ENDOAO 106,674,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6630000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(sup 2))-(2-ME-ALA(sup 6))-
UPDT:8411
SYN: (D-PHE(sup 2))-(2-ME-ALA(sup 6))-LHRH * (D-PHE(sup 2))-(2-ME-ALA(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:3750 ug/kg (1D pre) JMCMAR 18,1247,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6633000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(sup 2)-ME-LEU(sup 3)-D-PHE(sup 6))-
UPDT:8402
SYN: (D-PHE(sup 2)-ME-LEU(sup 3)-D-PHE(sup 6))-LHRH * (D-PHE(sup 2)-ME-LEU(sup 3)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:3750 ug/kg (1D pre) ENDOAO 106,674,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6636000 LUTEINIZING HORMONE-RELEASING HORMONE, (PHE(sup 2)-NVA(sup 3)-D-ALA(sup 6)- DES-GLY(sup 10))-, ETHYLAMIDE
UPDT:8402
SYN: (PHE(sup 2)-NVA(sup 3)-D-ALA(sup 6)-DES-GLY(sup 10))-LHRH ETHYLAMIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:15 mg/kg (1D pre) ENDOAO 106,674,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6637000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(sup 2)-NVA(sup 3)-D-PHE(sup 6))-
UPDT:8402
SYN: (D-PHE(sup 2)-NVA(sup 3)-D-PHE(sup 6))-LHRH * (D-PHE(sup 2)-NVA(sup 3)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:3750 ug/kg (1D pre) ENDOAO 106,674,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6640000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(sup 2)-D-PHE(sup 6))-
UPDT:8411
SYN: (D-PHE(sup 2)-D-PHE(sup 6))-LHRH * (D-PHE(sup 2)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:2 mg/kg (1D pre) JRPFA4 48,119,76
1T29 scu-ham TDLo:720 ug/kg (1D pre) JRPFA4 48,119,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6645000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(sup 2)-D-PHE(sup 6))-, HYDROCHLORIDE, HYDRATE, (2:2:7)
UPDT:8401 MW: 1381.98 MOLFM: C65-H83-N15-O13 Cl-H 7/2H2-O
SYN: (D-PHE(sup 2)-D-PHE(sup 6))-LHRH HYDROCHLORIDE HYDRATE (2:2:7) * (D-PHE(sup 2)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE HYDROCHLORIDE H2-O (2:2:7)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:3 mg/kg (1D pre) JMCMAR 22,935,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6661000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(sup 2)-PHE(sup 3)-D-PHE(sup 6))-
UPDT:8402
SYN: (D-PHE(sup 2)-PHE(sup 3)-D-PHE(sup 6))-LHRH * (D-PHE(sup 2)-PHE(sup 3)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:5 mg/kg (1D pre) SCIEAS 191,195,76
1T29 scu-ham TDLo:720 ug/kg (1D pre) JRPFA4 48,119,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6666000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(sup 2)-PHE(sup 5)-D-PHE(sup 6))-
UPDT:8402
SYN: (D-PHE(sup 2)-PHE(sup 5)-D-PHE(sup 6))-LHRH * (D-PHE(sup 2)-PHE(sup 5)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:5 mg/kg (1D pre) CLECAP 5(Suppl),279,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6671000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(sup 2)-D-(PH)GLY(sup 6))-
UPDT:8411
SYN: (D-PHE(sup 2)-D-(PH)GLY(sup 6))-LHRH * (D-PHE(sup 2)-D-(PH)GLY(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:30 mg/kg (1D pre) JMCMAR 18,1247,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6675000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(sup 2)-PRO(sup 3)-D-PHE(sup 6))-
UPDT:8401
SYN: (D-PHE(sup 2)-PRO(sup 3)-D-PHE(sup 6))-LHRH * (D-PHE(sup 2)-PRO(sup 3)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:3750 ug/kg (1D pre)	JMCMAR 21,120,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6680000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(sup 2)-PRO(sup 3)-D-TRP(sup 6))-
UPDT:8402
SYN: (D-PHE(sup 2)-PRO(sup 3)-D-TRP(sup 6))-LHRH * (D-PHE(sup 2)-PRO(sup 3)-D-TRP(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:7500 ug/kg (4D pre)	BBRCA9 72,1003,76
1T29	scu-rat TDLo:1875 ug/kg (1D pre)	JMCMAR 21,120,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6682500 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(sup 2)-TRP(sup 3)-D-ALA(sup 6))-
UPDT:8402
SYN: (D-PHE(sup 2)-TRP(sup 3)-D-ALA(sup 6))-LHRH * (D-PHE(sup 2)-TRP(sup 3)-D-ALA(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:7500 ug/kg (1D pre)	ENDOAO 106,674,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6683000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(sup 2)-D-TRP(sup 3)-N(sup epsilon)-(GLU-D-PH- D-TRP-SER-TYR)-D-LYS(sup 6))-
UPDT:8401
SYN: (D-PHE(sup 2)-D-TRP(sup 3)-N(sup epsilon)-(GLU-D-PH-D-TRP-SER-TYR)-D-LYS(sup 6))-LHRH
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:5 mg/kg (1D pre)	JMCMAR 21,276,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6684000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(sup 2)-D-TRP(sup 3)-D-PHE(sup 6))-
UPDT:8402
SYN: LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE-2,D-TRP-3,D-PHE-6)- * (D-PHE-2,D-TRP-3,D-PHE-6)-LHRH * (D-PHE(sup 2)-D-TRP(sup 3)-D-PHE(sup 6))-LHRH * (D-PHE-2,D-TRP-3,D-PHE-6)-LUTEINIZING HORMONE-RELEASING HORMONE * (D-PHE(sup 2)-D-TRP(sup 3)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T09	ims-man TDLo:1286 ug/kg (1D male)	LANCAO 2,997,77
3T14T19T29	ims-wmn TDLo:1800 ug/kg (1D pre)	INJFA3 25,190,80
1T29	scu-rat TDLo:5 mg/kg (1D pre)	JMCMAR 21,276,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE-2,D-TRP-3,D-PHE-6)- see: OK6684000

OK6686000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PHE(sup 2)-VAL(sup 3)-D-TRP(sup 6))-
UPDT:8401
SYN: (D-PHE(sup 2)-VAL(sup 3)-D-TRP(sup 6))-LHRH * (D-PHE(sup 2)-VAL(sup 3)-D-TRP(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:7500 ug/kg (1D pre)	JMCMAR 21,120,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6690000 LUTEINIZING HORMONE-RELEASING HORMONE (PIG), 6-(O-(1,1-DIMETHYLETHYL)-D-SERINE)-9-(N-ETHYL- L-PROLINAMIDE)-10-DEGLYCINAMIDE-
UPDT:8408 CAS: 57982-77-1 MW: 1239.62 MOLFM: C60-H86-N16-O13
SYN: BUSERELIN * HOE 766 * HOE 766A * ICI 123215 * LUTEINIZING HORMONE-RELEASING HORMONE, (D-SER(TBU)(sup 6)-EA(sup 10))- * (D-SER(BU(sup t)(sup 6))LH-RH(1-9)NONAPEPTIDE-ETHYLAMIDE * (D-SER(TBU)(sup 6)-EA(sup 10))-LHRH * (D-SER(TBU)(sup 6)-EA(sup 10))-LUTEINIZING HORMONE-RELEASING HORMONE * D-SER(TBU(sup 6))-LH-RH-(1-9)-NONAPEPTIDE ETHYLAMIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T22T29	ihl-wmn TDLo:1080 ug/kg (90D pre)	LANCAO 2,215,79
1T19	ihl-wmn TDLo:6960 ng/kg (1D pre)	CCPTAY 19,497,79
1T29	ihl-wmn TDLo:129 ug/kg (37D pre)	CCPTAY 19,497,79
1T29	ihl-wmn TDLo:144 ug/kg (12D pre)	CCPTAY 22,287,80
3T14T19T29	ihl-wmn TDLo:1456 ug/kg (26W pre)	CCPTAY 23,187,81
1T22	ihl-wmn TDLo:1456 ug/kg (26W pre)	CCPTAY 23,187,81
1T09	scu-man TDLo:3500 ug/kg (17W male)	ACENA7 91,601,79
3T14T19T29	scu-wmn TDLo:2200 ng/kg (22D pre)	CCPTAY 17,537,78
1T14	scu-wmn TDLo:100 ng/kg (1D pre)	CCPTAY 25,31,82
1T29	ims-wmn TDLo:2800 ng/kg (14D pre)	CCPTAY 21,191,80
2T02T03	scu-rat TDLo:8 ug/kg (8D male)	INJFA3 25,213,80
1T01	scu-rat TDLo:70 ug/kg (28D male)	INJFA3 25,213,80
3T01T02T03	scu-rat TDLo:560 ng/kg (28D male)	ACENA7 94,489,80
1T29	scu-mky TDLo:80 ug/kg (28-31D preg)	FESTAS 39,218,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6700000 LUTEINIZING HORMONE-RELEASING HORMONE (PIG), 6-D-LEUCINE-9-(N-ETHYL-L-PROLINAMIDE)- 10-DEGLYCINAMIDE-
UPDT:8310 CAS: 53714-56-0 MW: 1209.59 MOLFM: C59-H84-N16-O12
SYN: A-43818 * (D-LEU(sup 6),DES-GLY-NH2(sup 10),PRO-ETHYLAMIDE(sup 9))-GnRH * (D-LEU(sup 6),DES-GLY-NH2(sup 10),PRO-ETHYLAMIDE(sup 9))-GONADOTROPIN-RELEASING HORMONE * TAP 144
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T12T13T14	scu-rat TDLo:280 ug/kg (28D pre)	FESTAS 27,853,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LUTEINIZING HORMONE-RELEASING HORMONE (PIG), 2-D-PHENYLALANINE-6-D-ALANINE- see: OK6600000

OK6701000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-PTF(sup 6))-
UPDT:8401 MW: 1400.66 MOLFM: C65-H84-F3-N17-O15
SYN: LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(p-(TRIFLUOROMETHYL)PHENYL)-D-ALANINE))- * (D-PTF(sup 6))-LHRH * (D-PTF(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE * (6-(3-(p-(TRIFLUOROMETHYL)PHENYL)-D-ALANINE))-LHRH * (6-(3-(p-(TRIFLUOROMETHYL)PHENYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	scu-rat TDLo:15400 ng/kg (14D pre)	JMCMAR 25,795,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6702000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-SER-(BU(sup t))(sup 6)-DES-GLY)-, ETHYLAMIDE
UPDT:8402
SYN: (D-SER-(BU(sup t))(sup 6)-DES-GLY)-LHRH ETHYLAMIDE * (D-SER-(BU(sup t))(sup 6)-DES-GLY)-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T12T13T29	scu-mky TDLo:365 ug/kg (52W pre)	CCPTAY 24,647,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6704000 LUTEINIZING HORMONE-RELEASING HORMONE, Z-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-PHE(sup 6)- DES-GLY(sup 10))-, DIMETHYLAMIDE, ACETATE, MONOHYDRATE
UPDT:8401 MW: 1384.77 MOLFM: C69-H87-N13-O13 C2-H4-O2 H2-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:90 mg/kg (1D pre)	JMCMAR 22,935,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6705000 LUTEINIZING HORMONE-RELEASING HORMONE, Z-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-PHE(sup 6)- DES-GLY(sup 10))-, ETHYLAMIDE, HYDROCHLORIDE, HYDRATE (2:3:4)
UPDT:8401 MW: 1397.24 MOLFM: C69-H87-N13-O13 .3/2Cl-H 2H2-O
SYN: Z-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-PHE(sup 6)-DES-GLY(sup 10))-LHRH ETHYLAMIDE HCl H2-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:75 mg/kg (1D pre)	JMCMAR 22,935,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6706000 LUTEINIZING HORMONE-RELEASING HORMONE, Z-(SER(BZL)(sup 1)-DES-HIS(sup 2)- DL-PHE(Me(sub 5))(sup 6)-DES-GLY(sup 10))-, ETHYLAMIDE, ACETATE, DIHYDRATE
UPDT:8401 MW: 1472.94 MOLFM: C74-H97-N13-O13 C2-H4-O2 2H2-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:9750 ug/kg (1D pre)	JMCMAR 22,935,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6707000 LUTEINIZING HORMONE-RELEASING HORMONE, Z-(SER(BZL)(sup 1)-DES-HIS(sup 2)- D-PHE(Me(sub 5))(sup 6)-DES-GLY(sup 10))-, ETHYLAMIDE, ACETATE, MONOHYDRATE
UPDT:8401 MW: 1454.92 MOLFM: C74-H97-N13-O13 C2-H4-O2 H2-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:1650 ug/kg (1D pre)	JMCMAR 22,935,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6708000 LUTEINIZING HORMONE-RELEASING HORMONE, Z-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-PHE(sup 6))-, HYDROCHLORIDE, HYDRATE (2:3:8)
UPDT:8401 MW: 1462.27 MOLFM: C69-H86-N14-O14 .3/2Cl-H 4H2-O
SYN: Z-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-PHE(sup 6))-LHRH HYDROCHLORIDE HYDRATE (2:3:8)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:90 mg/kg (1D pre)	JMCMAR 22,935,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6709000 LUTEINIZING HORMONE-RELEASING HORMONE, Z-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-TYR(Me)(sup 6)- DES-GLY(sup 10))-, ETHYLAMIDE, ACETATE, DIHYDRATE
UPDT:8401 MW: 1432.82 MOLFM: C70-H89-N13-O14 C2-H4-O2 2H2-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:3 mg/kg (1D pre)	JMCMAR 22,935,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6710000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-SERINE-t-BUTYL(sup 6),DES-GLYCINE-NH2(sup 10))-, ETHYLAMIDE
UPDT:8402
SYN: (D-SERINE-t-BUTYL(sup 6),DES-GLYCINE-NH2(sup 10))-LHRH ETHYLAMIDE * (D-SER-TBU(sup 6),DES-GLY-NH2(sup 10))-LHRH ETHYLAMIDE * (D-SER-TBU(sup 6),DES-GLY-NH2(sup 10))-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T09	ihl-man TDLo:7 ug/kg (1D male)	JSTBBK 13,123,80
2T14T19	ihl-wmn TDLo:120 ug/kg (6D pre)	FESTAS 32,646,79
2T14T19	ihl-wmn TDLo:20 ug/kg (1D pre)	INJFA3 25,203,80
1T02	scu-rat TDLo:2 ug/kg (8D male)	JRPFA4 60,359,80
1T03	scu-rat TDLo:3500 ng/kg (14D male)	JRPFA4 60,359,80
2T02T09	scu-rat TDLo:1200 ng/kg (6D male)	JOENAK 80,249,79
2T19T29	scu-mky TDLo:12500 ng/kg (20D pre)	ENDOAO 106,452,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6730000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-(SER-TBU)(sup 6)-DES-GLY(sup 10)-PRO(sup 9))-, ETHYLAMIDE
UPDT:8310
SYN: (D-(SER-TBU)(sup 6)-DES-GLY(sup 10)-PRO(sup 9))-LHRH ETHYLAMIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:30 ug/kg (7-12D preg)	FESTAS 28,471,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LUTEINIZING HORMONE-RELEASING HORMONE, (D-SER(TBU)(sup 6)-EA(sup 10))- see: OK6690000

OK6742000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-TBA(sup 6))-
UPDT:8412 MW: 1390.76 MOLFM: C66-H91-N19-O15
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	scu-rat TDLo:39 ug/kg (14D pre)	JMCMAR 27,320,84

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6743000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-TBA(sup 6),PRO(sup 9)-NHEt)-
UPDT:8412 MW: 1347.73 MOLFM: C65-H90-N18-O14
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	scu-rat TDLo:17 ug/kg (14D pre)	JMCMAR 27,320,84

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6745000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-TMO(sup 6))-
UPDT:8401 MW: 1422.75 MOLFM: C67-H91-N17-O18
SYN: LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(3,4,5-TRIMETHOXYPHENYL)-D-ALANINE))- * (D-TMO(sup 6))-LHRH * (D-TMO(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE * (6-(3-(3,4,5-TRIMETHOXYPHENYL)-D-ALANINE))-LHRH * (6-(3-(3,4,5-TRIMETHOXYPHENYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	scu-rat TDLo:12600 ng/kg (14D pre)	JMCMAR 25,795,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6747000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-TMP(sup 5))-
UPDT 8401 MW: 1374.75 MOLFM: C67-H91-N17-O15
SYN: LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(2,4,6-TRIMETHYLPHENYL)-D-ALANINE))- * (D-TMP(sup 6))-LHRH * (D-TMP(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE * (6-(3-(2,4,6-TRIMETHYLPHENYL)-D-ALANINE))-LHRH * (6-(3-(2,4,6-TRIMETHYLPHENYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 scu-rat TDLo:9800 ng/kg (14D pre) JMCMAR 25,795,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(m-(TRIFLUOROMETHYL)PHENYL)-D-ALANINE))- see: OK6591000
LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(p-(TRIFLUOROMETHYL)PHENYL)-D-ALANINE))- see: OK6701000
LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(3,4,5-TRIMETHOXYPHENYL)-D-ALANINE))- see: OK6745000
LUTEINIZING HORMONE-RELEASING HORMONE, (6-(3-(2,4,6-TRIMETHYLPHENYL)-D-ALANINE))- see: OK6747000

OK6749700 LUTEINIZING HORMONE-RELEASING HORMONE, D-TRP(sup 6)-
UPDT 8408
SYN: D-TRP(sup 6)-LHRH * D-TRP(sup 6)-LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-rat TDLo:350 ug/kg (1-7D preg) EDRCAM 6,1,79
1T25 scu-rat TDLo:30 ug/kg (7-12D preg) EDRCAM 6,1,79
1T12 scu-rat TDLo:70 ug/kg (7D pre) INJFA3 25,151,80
1T19 scu-rat TDLo:7 ug/kg (7D pre) INJFA3 25,151,80
1T29 scu-mky TDLo:100 ug/kg (25D pre) CCPTAY 27,619,83
2T13T29 scu-mky TDLo:360 ug/kg (90D pre) CCPTAY 29,83,84
1T14 scu-mky TDLo:24 ug/kg (6D pre) FESTAS 40,678,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6749800 LUTEINIZING HORMONE-RELEASING HORMONE, D-TRP(sup 6),DES-GLY(sup 10),PRO(sup 9)-, ETHYLAMIDE
UPDT 8405
SYN: D-TRP(sup 6),DES-GLY(sup 10),PRO(sup 9)-LHRH ETHYLAMIDE * D-TRP(sup 6),DES-GLY(sup 10),PRO(sup 9)-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-rat TDLo:35 ug/kg (1-7D preg) EDRCAM 6,1,79
1T25 scu-rat TDLo:300 ug/kg (1-7D preg) EDRCAM 6,1,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6749900 LUTEINIZING HORMONE-RELEASING HORMONE, (TRP(sup 2),LEU(sup 3),D-ALA(sup 6), DES-GLY(sup 10))-, ETHYLAMIDE
UPDT 8405
SYN: (TRP(sup 2),LEU(sup 3),D-ALA(sup 6),DES-GLY(sup 10))-LHRH ETHYLAMIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:7500 ug/kg (1D pre) ENDOAO 106,674,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6750000 LUTEINIZING HORMONE-RELEASING HORMONE, D-TRP(sup 6)-(N)ME-LEU(sup 7)-DES-GLY(sup 10)- PRO(sup 9)-, ETHYLAMIDE
UPDT 8405 CAS: 66866-63-5 MW: 1296.67 MOLFM: C65-H85-N17-O12
SYN: D-TRP(sup 6)-(N)ME-LEU(sup 7)-DES-GLY(sup 10)-PRO(sup 9)-LHRH ETHYLAMIDE * WY 40,972
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-rat TDLo:3500 ug/kg (1-7D preg) IJGOAL 16,359,79
1T25 orl-rat TDLo:30 mg/kg (7-12D preg) IJGOAL 16,359,79
1T29 scu-rat TDLo:3500 ng/kg (1-7D preg) IJGOAL 16,359,79
1T25 scu-rat TDLo:30 ug/kg (7-12D preg) IJGOAL 16,359,79
1T22 scu-rat TDLo:35 ug/kg (1-7D preg) EDRCAM 6,1,79
1T29 ims-rat TDLo:50 ug/kg (10D preg) IJGOAL 16,359,79
1T29 scu-rbt TDLo:70 ug/kg (1-7D preg) IJGOAL 16,359,79
1T25 scu-rbt TDLo:6 ug/kg (7-12D preg) IJGOAL 16,359,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6755000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-TRP(sup 6)-PRO(sup 9))-, ETHYLAMIDE
UPDT 8411 CAS: 57773-65-6
SYN: GONADOTROPIN RELEASING HORMONE, (D-TRP(sup 6)-PRO(sup 9)-NEt)- * D-TRP(sup 6)-PRO(sup 9)-N-ETHYLAMIDE LHRH * (D-TRP(sup 6)-PRO(sup 9))-LHRH ETHYLAMIDE * (D-TRP(sub 6)-PRO(sup 9)-NEt)-GnRH * (D-TRP(sup 6)-PRO(sup 9))-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE * (D-TRP(sub 6)-PRO(sup 9)-NEt)-GONADOTROPIN RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T01T04T09 scu-man TDLo:30 ug/kg (42D male) NEJMAG 305,663,81
3T02T03T23 scu-rat TDLo:120 ug/kg (30D male) JMCMAR 26,1545,83
1T22 scu-rat TDLo:70 ug/kg (1-7D preg) JMCMAR 26,1545,83
1T29 scu-rat TDLo:25 ug/kg (8-12D preg) ENDOAO 110,347,82
2T01T03 unk-rat TDLo:[illegible] ug/kg (1D male) 44LVAU -,781,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OK6760000 LUTEINIZING HORMONE-RELEASING HORMONE, (D-TRP(sup 6)-PRO(sup 9)-NEt)-
UPDT 8411
SYN: (D-TRP(sup 6)-PRO(sup 9)NEt)LRF * (D-TRP(sup 6)-PRO(sup 9)NEt)LHRH * (D-TRP(sup 6)-PRO(sup 9)NEt)LUTEINIZING HORMONE-RELEASING FACTOR * (D-TRP(sup 6)-PRO(sup 9)NEt)LUTEINIZING HORMONE-RELEASING HORMONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T19T29 scu-wmn TDLo:1 ug/kg (1D pre) AJOGAH 135,759,79
2T19T29 scu-wmn TDLo:1 ug/kg (1D pre) FESTAS 37,209,82
2T14T29 scu-wmn TDLo:2 ug/kg (2D pre) SCIEAS 205,408,79
1T24 scu-rat TDLo:35 ug/kg (1-7D preg) ENDOAO 103,2299,78
1T72 scu-rat TDLo:15 ug/kg (5-7D preg) ENDOAO 103,2299,78
1T02 scu-rat TDLo:280 ng/kg (7D male) ENDOAO 105,1191,79
1T03 scu-rat TDLo:28 ng/kg (7D male) ENDOAO 105,1191,79
1T14 imp-mky TDLo:150 ug/kg (75D pre) INJFA3 25,171,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LUTEOANTINE see: LP6330000
LUTEOCRIN see: TU5085000
LUTEOCRIN DEPOT see: TU5085000
LUTEODYN see: TW0175000
LUTEOGAN see: TW0175000
LUTEOHORMONE see: TW0175000
LUTEOL see: TW0175000
LUTEOLIN 3'-METHYL ETHER see: LK9278000
LUTEOSAN see: TW0175000
LUTEOSKYRIN see: EK6125000
(-)-LUTEOSKYRIN see: EK6125000
LUTEOSPORIN see: DU3123500
LUTEOSTAB see: TW0175000
LUTEOSTIMULIN see: OK6372000
LUTEOTROPHIN see: TW2895000
LUTEOTROPIC HORMONE see: TW2895000
LUTEOTROPIC HORMONE LTH see: TW2895000
LUTEOTROPIN see: TW2895000
LUTEOVIS see: TW0175000
LUTEOZIMAN see: OK6367000
LUTESTRAL (French) see: TU3775000
LUTETIA FAST ORANGE R see: QL3854000
LUTETIA FAST ORANGE 3R see: QL3436000
LUTETIA FAST RED 3R see: QK4247000
LUTETIA FAST SCARLET RF see: QK4247000
LUTETIA FAST SCARLET RJN see: QK4247000
LUTETIA RED CLN see: DB5500000
LUTETIA RED CLN-ST see: DB5500000
LUTEX see: TW0[illegible]75000

OK9800000 3,4-LUTIDINE
UPDT 8307 CAS: 583-58-4 MW: 107.17 MOLFM: C7-H9-N
SYN: 3,4-DIMETHYLPYRIDINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:677 mg/kg AIHAAP 30,470,69
ihl-rat LCLo:500 ppm/4H AIHAAP 30,470,69
* skn-rbt LD50:134 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OL0100000 2,6-LUTIDINE, 4-(alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)-
UPDT 8411 MW: 268.44 MOLFM: C18-H24-N2
TOXICITY DATA AND REFERENCES:
* scu-gpg LD50:200 mg/kg YKKZAJ 76,1430,56

OL0175000 2,5-LUTIDINE, 4-((p-(DIMETHYLAMINO)PHENYL)AZO)-, 1-OXIDE
UPDT 8401 CAS: 19471-27-3 MW: 270.37 MOLFM: C15-H18-N4-O
SYN: 4-((p-(DIMETHYLAMINO)PHENYL)AZO)-2,5-LUTIDINE 1-OXIDE * N,N-DIMETHYL-4-(4'-(2',5'-DIMETHYLPYRIDYL-1'-OXIDE)AZO)ANILINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:2646 mg/kg/21W-C JNCIAM 41,855,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OL0350000 2,6-LUTIDINE, 4-((4-(DIMETHYLAMINO)PHENYL)AZO)-, 1-OXIDE
UPDT 8401 CAS: 7349-99-7 MW: 270.37 MOLFM: C15-H18-N4-O
SYN: 4-((4-(DIMETHYLAMINO)PHENYL)AZO)-2,6-LUTIDINE 1-OXIDE * N,N-DIMETHYL-4-(4'-(2',6'-DIMETHYLPYRIDYL 1'-OXIDE)AZO)ANILINE * 2,6-DIMETHYLPYRIDINE-1-OXIDE-4-AZO-p-DIMETHYLANILINE
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:714 mg/kg/17W-C JNCIAM 37,365,66
2V03L60 orl-rat TD :4300 mg/kg/17W-C CNREA8 14,715,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OL0525000 3,5-LUTIDINE, 4-((p-DIMETHYLAMINO)PHENYL)AZO)-, 1-OXIDE
UPDT 8401 CAS: 19456-77-0 MW: 270.37 MOLFM: C15-H18-N4-O
SYN: 4-((p-(DIMETHYLAMINO)PHENYL)AZO)-3,5-LUTIDINE 1-OXIDE * N,N-DIMETHYL-4-(4'-(3',5'-DIMETHYLPYRIDYL 1'-OXIDE)AZO ANILINE * N,N-DIMETHYL-4-(3',5'-LUTIDYL-1'-OXIDE)AZO)ANILINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:5292 mg/kg/21W-C JNCIAM 41,855,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LUTIDON see: TW0175000
LUTIDON ORAL see: TU5570250
LUTINYL see: TU3750000
LUTISAN see: RC8961110
LUTOCYCLIN see: TW0175000
LUTOCYCLIN M see: TW0175000
LUTOCYLIN see: TW0175000
LUTOCYLOL see: TW0175000
LUTOCYLOL see: TU5570250
LUTOFAN see: KV0350000
LUTOFORM see: TW0175000
LUTOGAN see: BV8510000
LUTOGYL see: TW0175000
LUTO-METRODIOL see: RC8963000
LUTOPRON see: TU5085000
LUTOSAN see: BV8510000
LUTOSOL see: NT8050000
LUTREN see: TW0175000
LUTROL see: UR0370000
LUTROL see: TE3850000
LUTROL see: TQ3500000
LUTROL-9 see: KW2975000
LUTROMONE see: TW0175000
LUTROPIN see: OK6367000
LUVISKOL see: TR8370000
LUVISKOL K30 see: TR8370000
LUVISKOL K90 see: TR8370000
LUXAN BLACK R see: ST3150000
LUXISTELM see: TE4375000
LUXON see: GN5250000
LUZERNE (French) see: OR6420000
LUZOPEPTIN A see: CB9391300
LVM see: OJ6908000
LW 3170 see: HQ4025000
LX 14-0 see: XF7450000
LXON see: GN5250000
LY 099094 see: YY8100000
LY 108380 see: UT5495000
LY133314 see: OB1832000
LY150720 see: SL2261000
LYCANOL see: DB2920000
LYCEDAN see: AU7480500
LYCOID DR see: MG0185000
LYCOPERSICIN see: XW1050000

OL2800600 LYCOPODINE
UPDT 8406 CAS: 466-61-5 MW: 247.42 MOLFM: C16-H25-N-O
SYN: LYCOPODAN-5-ONE, 15-METHYL-, (15R)- (9CI)
TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:27580 ug/kg JAPMA8 34,197,45

OL2800700 LYCOPODIUM SETACEUM Ham., extract
DEF: Indian plant belonging to the family LYCOPODIACEAE (IJEBA6 18,594,80)
UPDT 8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

OL2800750 LYCOPUS ARVENSIS, extract
DEF: Indian plant belonging to the family LIABIATEAE (IJEBA6 16,228,78)
UPDT 8412

TOXICITY DATA AND REFERENCES:
1P02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

OL2800800 LYCOPUS LUCIDUS, crude extract
UPDT:8408
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:20 gm/kg (2D pre/1-3D preg) MPHEAE 16,414,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LYCORCIDINOL see: JI5000000
LYCOREMINE HYDROBROMIDE see: DF8075000
LYCORICIDIN-A see: JI5000000
LYCORICIDINOL see: JI5000000
LYCOPODAN-5-ONE, 15-METHYL-, (15R)- (9CI) see: OL2800600
LYCURIM see: KF2305000
LYDOL see: NS5950000
LYE see: TT2100000
LYE see: WB4900000
LYE (DOT) see: WB4900000

OL3090600 LYGODIUM FLEXOSUM, extract
UPDT:8408
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T24T26T29 orl-rat TDLo:1 gm/kg (4-5D preg) IJMRAQ 72,597,80
3T24T26T29 orl-mus TDLo:1 gm/kg (4-5D preg) IJMRAQ 72,597,80
1T29 orl-rbt TDLo:2 gm/kg (1-10D preg) IJMRAQ 72,597,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

LYGOMME CDS see: FI0700000
LYKURIM see: KF2305000
LYM 42 see: UD1842000
LYMPHCHIN see: BW8225000
LYMPHOQUIN see: BW8225000
LYMPHOSCAN see: CC9450000
LYNAMINE see: LV1050000
LYNDIOL see: RC8964500
LYNENOL see: RC8964300
LYNESTRENOL see: RC8964300
LYNESTRENOL mixed with MESTRANOL see: RC8964500
LYNESTROL see: RC8980000
LYNESTROL mixed with MESTRANOL see: RC8964500
LYNOESTRENOL see: RC8964300
LYNOESTRENOL mixt. with ETHINYLOESTRADIOL see: RC8945400
LYNOESTRENOL mixed with MESTRANOL see: RC8964500
LYNORAL see: RC8925000
LYOBEX see: RD2625000
LYOBEX HYDROCHLORIDE see: NP7225000

OL3519600 LYONIA FORMOSA Hand.-Mazz., extract excluding roots
DEF:Indian plant belonging to the family ERICACEAE (IJEBA6 9,91,71)
UPDT:8305
TOXICITY DATA AND REFERENCES:
3D35H30U26 ipr-mus LD50:75 mg/kg IJEBA6 9,91,71

OL3519700 LYONIA OVALIFOLIA (Wall.) Drude., extract excluding roots
DEF:Indian plant belonging to the family ERICACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: AYAR EXTRACT
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:500 mg/kg IJEBA6 7,250,69

LYOPECT see: QD1225000
LYOPHRIN see: DO2625000
LYOPHRIN see: DO3500000
LYPRESSIN see: YW8659000
LYSALGO see: CB4550000
LYSENYL see: YS9325000
LYSENYL BIMALEATE see: YS9325000
LYSENYL HYDROGEN MALEATE see: YS9325000
LYSERDOL see: FA1070000
LYSERGAMID see: KE4100000
LYSERGAIMIDE, N-CYCLOBUTYL-, MALEATE see: KE2800000
LYSERGAIMIDE, N-CYCLOHEPTYL-, MALEATE see: KE2820000
LYSERGAIMIDE, N-CYCLOHEXYL-, MALEATE see: KE2840000
LYSERGAMIDE, N-CYCLOPENTYL-, MALEATE see: KE2860000
LYSERGAMIDE, N-CYCLOPROPYL-, MALEATE see: KE2940000
LYSERGAMIDE, N,N-DIETHYL- see: KE4100000
LYSERGAURE DIETHYLAMID see: KE4100000
D-LYSERGIC ACID DIETHYLAMIDE see: KE4100000
LYSERGIC ACID DIETHYLAMIDE-25 see: KE4100000
LYSERGIC ACID DIETHYLAMIDE TARTRATE see: KE4390000
D-LYSERGIC ACID DIETHYLAMIDE TARTRATE see: KE4390000
D-LYSERGIC ACID 1-HYDROXYMETHYLETHYLAMIDE see: KE5075000
LYSERGIC ACID PROPANOLAMIDE see: KE5075000
D-LYSERGIC ACID-L,2-PROPANOLAMIDE see: KE5075000
LYSERGIDE see: KE4100000
LYSERGSAUEREDIAETHYLAMID see: KE4100000
LYSINE see: OL5540000

OL5540000 LYSINE, L-
UPDT:8411 CAS: 56-87-1 MW: 146.22 MOLFM: C6-H14-N2-O2
SYN: AMINUTRIN * alpha,epsilon-DIAMINOCAPROIC ACID * 2,6-DIAMINOHEXANOIC ACID * LYSINE * L-LYSINE (9CI) * L-(+)-LYSINE * LYSINE ACID
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T29T34 orl-rat TDLo:138 gm/kg (5-15D preg) JONUAI 74,93,61
1T25 orl-rat TDLo:72450 mg/kg (10-20D preg) DTTIAF 82,457,75
1T34 orl-rat TDLo:90450 mg/kg (10-20D preg) DTTIAF 82,457,75
1T46 orl-rat TDLo:81 gm/kg (10-20D preg) DTTIAF 82,457,75
1T29 ipr-rat TDLo:44 gm/kg (5-15D preg) JONUAI 74,93,61
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

L-LYSINE (9CI) see: OL5540000
L-(+)-LYSINE see: OL5540000
L-LYSINE ACETATE see: OL5644200
L-LYSINE compd. with L-N-ACETYLGLUTAMIC ACID see: LZ9830000
DL-LYSINE ACETYLSALICYLATE see: OL5675000
DL-LYSINE ACETYLSALICYLIC ACID SALT see: OL5675000
LYSINE ACID see: OL5540000

OL5550000 LYSINE, N(sup 6)-AMIDINO-, L-
UPDT:8402 CAS: 156-86-5 MW: 188.27 MOLFM: C7-H16-N4-O2
SYN: L-N(sup 6)-AMIDINOLYSINE * HOMOARGININE * L-HOMOARGININE * L-LYSINE, N(sup 6)-(AMINOIMINOMETHYL)-
MUTATION DATA AND REFERENCES:
mmo-omi 100 mg/L MUREAV 12,349,71
dni-mus:oth 44500 umol/L CNREA8 42,1072,82

L-LYSINE, N(sup 6)-(AMINOIMINOMETHYL)- see: OL5550000

OL5613500 L-LYSINE, Homopolymer, complex with 5'-CYTIDYLIC ACID, homopolymer and 5'-INOSINIC ACID, homopolymer (1:1:1)
UPDT:8303
SYN: NSC-301463 * POLY ICLC
TOXICITY DATA AND REFERENCES:
3F15K13U01 ivn-dog LDLo:4 mg/kg NTIS** PB82-231184
3F15K13U01 ivn-mky LDLo:20 mg/kg NTIS** PB82-231184

OL5625000 l-LYSINE, mixed with GLUCOSE
UPDT:8306
SYN: GLUCOSE mixed with l-LYSINE
MUTATION DATA AND REFERENCES:
mma-sat 1 pph ABCHA6 44,2521,80

OL5644200 L-LYSINE, MONOACETATE
UPDT:8401 CAS: 57282-49-2 MW: 206.28 MOLFM: C6-H14-N2-O2 C2-H4-O2
SYN: L LYSINE ACETATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:14500 mg/kg IYKEDH 12,933,81
* ipr-rat LD50:3950 mg/kg IYKEDH 12,933,81
* scu-rat LD50:4000 mg/kg IYKEDH 12,933,81
* ivn-rat LD50:3650 mg/kg IYKEDH 12,933,81
* orl-mus LD50:14400 mg/kg IYKEDH 12,933,81
* ipr-mus LD50:5100 mg/kg IYKEDH 12,933,81
* scu-mus LD50:5800 mg/kg IYKEDH 12,933,81
* ivn-mus LD50:4350 mg/kg IYKEDH 12,933,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DL-LYSINE, MONO(2-(ACETYLOXY)BENZOATE see: OL5675000

OL5675000 LYSINE, MONOSALICYLATE ACETATE (ester), DL-
UPDT:8305 MW: 326.39 MOLFM: C15-H22-N2-O6
SYN: ASPIRIN DL-LYSINE * DL-LYSINE ACETYLSALICYLATE * DL-LYSINE ACETYLSALICYLIC ACID SALT * DL-LYSINE, MONO(2-(ACETYLOXY)BENZOATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4350 mg/kg IYKEDH 13,1128,82
* scu-rat LD50:1860 mg/kg IYKEDH 13,1128,82
* ivn-rat LD50:1525 mg/kg IYKEDH 13,1128,82
* orl-mus LD50:3270 mg/kg IYKEDH 13,1128,82
* scu-mus LD50:2100 mg/kg IYKEDH 13,1128,82
* ivn-mus LD50:950 mg/kg IYKEDH 13,1128,82

LYSINE PITRESSIN see: YW8659000
LYSINE VASOPRESSIN see: YW8659000
L-LYSINE VASOPRESSIN see: YW8659000
(8-LYSINE)VASOPRESSIN see: YW8659000
8-L-LYSINE VASOPRESSIN see: YW8659000
LYSIVANE see: SO4900000

OL5800000 LYSOCELLIN
UPDT:8309 CAS: 55898-33-4 MW: 628.94 MOLFM: C34-H60-O10
TOXICITY DATA AND REFERENCES:
orl-mus LD50:350 mg/kg 37ASAA 3,47,78
ipr-mus LD50:65 mg/kg 37ASAA 3,47,78

LYSOCOCCINE see: WO8400000
LYSOFORM see: LP8925000
LYS-P-1 see: GY5868000
LYSSIPOLL see: TM7810000
LYSTENON see: GA2360000
LYSTHENON see: GA2360000
LYSTHENONE see: GA2360000
LYSURON see: UR0785000
N-D-LYSYLAMPHOTERICIN B METHYL ESTER see: BU2697000
N-L-LYSYLAMPHOTERICIN B METHYL ESTER see: BU2697100
LYTECA see: AE4200000
LYTECA SYRUP see: AE4200000
LYTHIDATHION see: TE0875000
LYTISPASM see: YM3710000
LYTRON 5202 see: WL6478000
LZ 544 see: TM1925000
M 1 see: GL5325000
01M see: FG2080000
M 2 see: YU1610000
M 3 see: GL5325000
M 4 see: GL5325000
M 14 see: AB7525000
M-14 see: KD1922000
M 40 see. AG1575000
M 60 see: YU1610000
M 70 see: YU1610000
M-71 see: DI0500000
M 73 see: VN8575000
M-74 see: TD9275000
M 81 see: TE4375000
M-83 see: CN1053000
M-83 see: CN1054000
M-101 see: FI1600000
M-108 see: GZ2093000
M 140 see: PB9800000
M 259 see: AA4290000
M 410 see: PB9800000
4M20 see: VB7000000
M 551 see: YU1225000
M770 see: CB9630000
M 1028 see: KO1225000
M-1261 see: TB3850000
M 13/20 see: TR8100000
M 1568 see: TE8750000
M 75198 see: UR7432500
M 2060 see: AH3050000
M 2060 see: DU8335000
M-2452 see: TB2050000
M 3180 see: WH8750000
M 3196 see: TG0700000
M 3724 see: AJ8974000
M 4021 see: AJ8970000
M40 & 80 see: TG0175000
M-4209 see: MM0525000
M 4212 see: DE4093000
M 4888 see: DU1750000
M 5055 see: XW5250000
5512-M see: NJ2000000

M-6029 see: KM7758000
M 6434 see: NI4396300
M 8164 see: RP7190000
M-9500 see: XZ2100000
M 9834 see: AY7561000
M73101 see: UR6493200
M 75167 see: UR6573500
M 75168 see: UR7434500
M 75169 see: UR6141500
MA see: BV8000000
MA see: SN5100000
M-A (sub 2) see: DV7800000
4-MA see: CL5200000
MA-110 see: YT2800000
MA-117 see: YT2700000
MA-1214 see: JR5775000
M-4164A see: CB9632000
M-4365A2 see: JG6800000
MAA see: PA1575000
MAA see: OL9324000
MA 144 A1 see: QI9284080
MAAC see: SA7525000
D-MAACKIANIN-GLYCOSIDE see: JI4634180
MAA SODIUM SALT see: PA2275000
MAB see: BY5950000
MABA see: DG1225000

OL8800000 MABA BUXIFOLIA Pers., extract excluding roots
DEF:Indian plant belonging to the family EBENACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: DIOSPYROS FERREA (Willd.) Bakh., extract * GUAKOLI EXTRACT
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:50 mg/kg IJEBA6 7,250,69
6-MAB-gamma-ABU see: ES8980100
6-MAB-DL-ABU see: ES8980000
6-MAB-beta-ALA see: AY4730000
6-MAB-DL-ALA see: AY4730100
6-MAB-DL-ALA-L-GLU see: MA1227000

OL8810000 MABA NIGRESCENS Dalz., extract excluding roots
DEF:Indian plant belonging to the family EBENACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: CHIKNAKAREN EXTRACT
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:100 mg/kg IJEBA6 11,43,73
7-MAB-ASP see: CI9400000
MABERTIN see: DF1225000
6-MAB-GLY see: MB9290000
7-MAB-GLY see: MB9292000
6-MAB-GLY-L-GLU see: MA1234000
6-MAB-GLY-L-ASP see: CI9400100
6-MAB-L-LEU see: OH3160000
6-MAB-L-LEU-L-GLU see: MA1236000
MABLIN see: EK1750000
6-MAB-L-PHE see: AY4730150
6-MAB-L-PHE-L-ASP see: CI9400300
6-MAB-L-PHE-L-GLU see: MA1237000
6-MAB-SARC see: VQ2980000
6-MAB-SARC-L-GLU see: MA1239000
6-MAB-DL-VAL see: YV9392200

OL9010000 MACARANGA DENTICULATA Muell.-Arg., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 11,43,73)
UPDT:8305
SYN: MAILA EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:400 mg/kg IJEBA6 11,43,73

OL9011000 MACARANGA INDICA Wight, extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2U26Y55 ipr-mus LD50:1 gm/kg IJEBA6 15,208,77

OL9012000 MACARANGA PELTATA Muell.-Arg., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 11,43,73)
UPDT:8305
SYN: CHANDIA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

OL9013000 MACARANGA TRILOBA, bark or leaf extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:63 mg/kg CPBTAL 13,882 65
MA 100 (CARBON) see: FF5250100
MACAROL see: SC4900000
MACASIROOL see: CB2625000

OL9056000 MACBECIN II
DEF:Isolated from culture broth of NOCARDIA SP. No. C-14919 (JANTAJ 33,205,80)
UPDT:8311 MW: 578.78 MOLFM: C30-H44-N2-O8 H2-O
SYN: C-14919 E-2 * NSC 330500
MUTATION DATA AND REFERENCES:
dnd-mus:leu 60 umol/L PAACA3 24,321,83
dni-mus:leu 100 nmol/L PAACA3 24,321,83
oms-mus:leu 10 umol/L PAACA3 24,321,83
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:25 mg/kg JANTAJ 33,205,80
MACE (lacrimator) see: AM6300000
MACE OIL see: RI8225000
MACETOCYL see: VO0780000
MACHENA EXTRACT (Indian) see: GM3153000
MACHETE see: AE1200000
MACHETE (herbicide) see: AE1200000
MACHETTE see: AE1200000

OL9170000 MACHILUS GAMBLEI King., leaf extract
DEF:Indian plant belonging to the family LAURACEAE (IJEBA6 6,232,68)
UPDT:8302
SYN: KAULA LEAF EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:700 mg/kg IJEBA6 6,232,68

OL9171000 MACHILUS GAMBLEI King., stem bark extract
DEF:Indian plant belonging to the family LAURACEAE (IJEBA6 6,232,68)
UPDT:8302
SYN: KAULA STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 6,232,68

OL9180000 MACHILUS ODORATISSIMA Nees, extract excluding roots
DEF:Indian plant belonging to the family LAURACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: KAWLA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 11,43,73
MACH-NIC see: QS5250000
MACLEYINE see: VS2800000
MACODIN see: MJ6130000
MACQUER'S SALT see: CG1100000
MACRABIN see: GG3750000

OL9324000 MACRO AGGREGATES of ALBUMIN
UPDT:8308 CAS: 70536-17-3
SYN: ALBUMIN MACRO AGGREGATES * MAA
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:17 mg/kg IJNMCI 5,51,78
* ivn-mus LD50:18 mg/kg IJNMCI 5,51,78
* ivn-gpg LD50:19 mg/kg IJNMCI 5,51,78
MACROBIN see: BV8380900 ANDROST-4-EN-3-ONE, 4-CHLORO-17-beta-HYDROXY-, ACETATE
MACROCYCLON see: SM9750000
MACRODANTIN see: MU2800000
MACRODIOL see: KG2975000
MACROGOL 1000 see: TQ4025000
MACROGOL 4000 see: TQ4050000
MACROGOL 400 BPC see: KW2975000
MACROGOL OLEATE 600 see: MD0880000
MACROL see: KG2975000

OM0550000 MACROMOMYCIN
UPDT:8309 CAS: 12634-34-3
SYN: MCR
MUTATION DATA AND REFERENCES:
pic-esc 50 ng/plate CNREA8 43,2819,83
dnd-omi 2500 ug/L MOPMA3 17,388,80
dnd-omi 16 umol/L CNREA8 42,1555,82
dnd-hmn:hla 10 ng/L BBRCA9 83,908,78
dni-hmn:hla 740 ng/L JANTAJ 31,875,78
dnd-rat:ast 100 ug/L CNREA8 39,1180,79
dni-rat:ast 30 ug/L CNREA8 39,1180,79
oms-rat:ast 30 ug/L CNREA8 39,1180,79
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:5100 ug/kg JANTAJ 29,415,76
1V30 ivn-mus LD50:35 mg/kg JANTAJ 32,330,79
MACRONDRAY see: AG6825000
MACROPAQUE see: CR0600000
MACROSPHERICAL 95 see: BD0550000
MACULOTOXIN see: IO1450000
MAD see: BV8100000
MADAR see: DF1750000
MADAR LEAF and ROOT EXTRACT (Indian) see: EW8900000
MADAR ROOT and LEAF EXTRACT (Indian) see: EW8900000

OM0720000 MADDENIA HIMALAICA Hk. f. & T., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74
MADECASSOL see: YU9625000

OM0760000 MADHUCA INDICA J. F. Gmel., stem bark extract
DEF:Indian plant belonging to the family SAPOTACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: MAHUA STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
2H30H02 ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69
MADHURIN see: DE4550000
MADIOL see: TZ0175000
MADIOL see: BV8100000
MADLEXIN see: XI0350000
MADRIBON see: WO9030000
MADRIGID see: WO9030000
MADRINE see: SH5075000
MADRIQID see: WO9030000

OM0844000 MADRONIN
DEF:Isolated from ARBUTUS MENSIESII (85GDA2 8(2),324,82)
UPDT:8308
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:175 mg/kg 85GDA2 8(2),324,82
MADROXIN see: WO9030000
MADROXINE see: WO9030000

OM0848600 MADURAMYCIN
UPDT:8403 CAS: 61991-54-6 MW: 532.48 MOLFM: C28-H20-O11
SYN: A-13001-C * ANTIBIOTIC A-13001-C
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg 85GDA2 3,297,80
MAEIDA (German) see: KJ1940000

OM0861000 MAERUA ARENARIA Hook. f. & Th. var. SCABRA Hook. f. & Th., extract excluding roots
DEF:Indian plant belonging to the family CAPPARIDACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: VIKA EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:800 mg/kg IJEBA6 7,250,69
M. AERUGINOSA (ANACYSTIS CYANEA) TOXIN see: XW5810000

OM0864000 MAESA CHISIA D. Don., extract excluding roots
DEF:Indian plant belonging to the family MYRSINACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: BILLONI EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:93500 ug/kg IJEBA6 12,512,74

OM0864200 MAESA INDICA var. ANGUSTIFOLIA Hook. f. & Th., extract excluding roots
DEF:Indian plant belonging to the family MYRSINACEAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg IJEBA6 7,250,69

OM0864400 MAESA MONTANA A. DC., extract excluding roots
DEF:Indian plant belonging to the family MYRSINACEAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 9,91,71

OM0864500 MAESA RAMENTACEA, flower, leaf or stem extract
UPDT:8307

TOXICITY DATA AND REFERENCES:
1K12 ipr-mus LD50:250 mg/kg CPBTAL 13,882,65
MAFATATE see: XT5250000
MAFENIDE ACETATE see: XT5250000
MAFU see: TC0350000
MAFU STRIP see: TC0350000
MAGBOND see: CT9450000
MAGCAL see: OM3850000
MAGCHEM 100 see: OM3850000
MAGENTA see: CX9855000
MAGENTA BASE see: ZE9705000
MAGENTA DP see: CX9855000
MAGENTA E see: CX9855000
MAGENTA G see: CX9855000
MAGENTA I see: CX9855000
MAGENTA PN see: CX9855000
MAGENTA POWDER N see: CX9855000
MAGENTA S see: CX9855000
MAGENTA SUPERTINE see: CX9855000
MAGGIONI 1559 see: ES7400000
MAGGIONI 3062 see: UT4757000
MAGIC METHYL see: LP0720000
MAGISAL see: VO0780000

OM1673000 MAGIS IC
DEF:Commercial hairdye product from Bologna, Italy (FCTOD7 20,171,82)
UPDT:8308
MUTATION DATA AND REFERENCES:
mma-sat 2500 ug/plate FCTOD7 20,171,82
MAGK'S T.B.1 CONTEBEN see: AE3850000
MAGLITE see: OM3850000
MAGNACAT see: OO9275000
MAGNAMYCIN see: MM0525000
MAGNAMYCIN A see: MM0525000
MAGNESIA see: OM3850000
MAGNESIA USTA see: OM3850000
MAGNESIA WHITE see: EW4150000
MAGNESIDIN-A see: UY7530000
MAGNESIDIN-B see: UY7530100
MAGNESIO (Italian) see: OM2100000

OM2100000 MAGNESIUM
UPDT:8404 CAS: 7439-95-4 MW: 24.31 MOLFM: Mg
SYN: MAGNESIO (Italian) * MAGNESIUM BORINGS (DOT) * MAGNESIUM CLIPPINGS (DOT) * MAGNESIUM GRANULES COATED, particle size not less than 149 microns (DOT) * MAGNESIUM CLIPPINGS * MAGNESIUM METAL (DOT) * MAGNESIUM PELLETS * MAGNESIUM PELLETS (DOT) * MAGNESIUM POWDER (DOT) * MAGNESIUM POWDERED * MAGNESIUM RIBBON (DOT) * MAGNESIUM RIBBONS * MAGNESIUM SCALPINGS (DOT) * MAGNESIUM SCRAP (DOT) * MAGNESIUM SHAVINGS (DOT) * MAGNESIUM SHEET * MAGNESIUM TURNINGS * MAGNESIUM TURNINGS (DOT) * RMC * UN 1418 (DOT) * UN 1869 (DOT) * UN 2950 (DOT)
TOXICITY DATA AND REFERENCES:
orl-dog LDLo:230 mg/kg 14CYAT 2,1077,63
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983
MAGNESIUMACETYLOSALICYLAT (German) see: VO0780000
MAGNESIUM ACETYLOSALICYLATE see: VO0780000
MAGNESIUM ACETYLSALICYLATE see: VO0780000
MAGNESIUM ALUMINUM PHOSPHIDE (DOT) see: BD1000000

OM2350000 MAGNESIUM AMIDE
UPDT:8312 CAS: 7803-54-5
SYN: MAGNESIUM DIAMIDE * MAGNESIUM DIAMIDE (DOT) * UN 2004 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83
MAGNESIUM ARSENATE see: CG1050000
MAGNESIUM ARSENATE PHOSPHOR see: CG1050000
MAGNESIUM ARSENATE, SOLID (DOT) see: CG1050000
MAGNESIUMBIS(2,3-DIBROMOPROPYL)PHOSPHATE see: TB7450000

OM2457800 MAGNESIUM, BIS((DIMETHYLOXOARSENIO)OXY)-
UPDT:8004 CAS: 811-66-5 MW: 298.31 MOLFM: C4-H12-As2-O4 .Mg
SYN: CACODYLIC ACID, MAGNESIUM * MAGNESIUM CACODYLATE * USAF AN-12
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:500 mg/kg NTIS** AD414-344
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
MAGNESIUM BORATE see: ED4610000
MAGNESIUM BORINGS (DOT) see: OM2100000
MAGNESIUM BROMATE see: EF8720000
MAGNESIUM BROMATE (DOT) see: EF8720000
MAGNESIUM CACODYLATE see: OM2457800
MAGNESIUM CHLORATE see: FO0175000
MAGNESIUM CHLORATE (DOT) sec: FO0175000
MAGNESIUM CHLORATE HEXAHYDRATE see: FO0200000

OM2800000 MAGNESIUM CHLORIDE
UPDT:8403 CAS: 7786-30-3 MW: 95.21 MOLFM: Cl2-Mg
SYN: DUS-TOP
MUTATION DATA AND REFERENCES:
mmo-omi 8000 ppm APMBAY 6,45,58
cyt-hmn:hla 2 mmol/L JCLLAX 78,217,71
dns-rat-ipr 2500 umol/kg JOENAK 65,45,75
dni-rat:lvr 3300 umol/L BIJOAK 146,697,75
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2800 mg/kg JPETAB 35,1,29
ipr-rat LDLo:225 mg/kg JPETAB 35,1,29
scu-rat LDLo:900 mg/kg ENDOAO 24,523,39
ipr-mus LD50:99 mg/kg COREAF 256,1043,63
ivn-mus LD50:14 mg/kg TXAPA9 22,150,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

OM2975000 MAGNESIUM CHLORIDE HEXAHYDRATE
UPDT:8308 CAS: 7791-18-6 MW: 203.33 MOLFM: Cl2-Mg .6H2-O
SYN: CHLORURE de MAGNESIUM HYDRATE (French) * CMH
TOXICITY DATA AND REFERENCES:
orl-rat LD50:8100 mg/kg AIHAAP 30,470,69
ivn-rat LDLo:176 mg/kg JLCMAK 15,35,29
2F07F13 orl-mus LD50:7600 mg/kg THERAP 31,471,76
2F07F13 ipr-mus LD50:775 mg/kg THERAP 31,471,76
MAGNESIUM CLIPPINGS see: OM2100000
MAGNESIUM CLIPPINGS (DOT) see: OM2100000
MAGNESIUM DIAMIDE see: OM2350000
MAGNESIUM DIAMIDE (DOT) see: OM2350000
MAGNESIUM DICHLORATE see: FO0175000

OM3185000 MAGNESIUM, DIETHYL-
UPDT:8401 CAS: 557-18-6 MW: 82.45 MOLFM: C4-H10-Mg
SYN: DIETHYLMAGNESIUM * DIETHYLMAGNESIUM (DOT) * UN 1367 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OM3190000 MAGNESIUM, DIMETHYL-
CAS: 2999-74-8 MW: 54.39 MOLFM: C2-H6-Mg
SYN: DIMETHYLMAGNESIUM * DIMETHYLMAGNESIUM (DOT) * UN 1368 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83

OM3197000 MAGNESIUM, DIPHENYL-
UPDT:8312 CAS: 555-54-4 MW: 178.53 MOLFM: C12-H10-Mg
SYN: MAGNESIUM DIPHENYL (DOT) * UN 2005 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83
MAGNESIUM DIPHENYL (DOT) see: OM3197000

OM3200000 MAGNESIUM DROSS
UPDT:8308 CAS: 69011-63-8
SYN: MAGNESIUM DROSS, HOT (DOT) * MAGNESIUM DROSS, WET (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MAGNESIUM DROSS, HOT (DOT) see: OM3200000
MAGNESIUM DROSS, WET (DOT) see: OM3200000

OM3325000 MAGNESIUM FLUORIDE
UPDT:8408 CAS: 7783-40-6 MW: 62.31 MOLFM: F2-Mg
SYN: AFLUON * IRTRAN 1 * MAGNESIUM FLUORURE (French) * SELLAITE
TOXICITY DATA AND REFERENCES:
* orl-gpg LDLo:1 gm/kg MEIEDD 10,810,83
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMSSAQ 400,5,63
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2500 ug(F)/m3 (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MAGNESIUM FLUORURE (French) see: OM3325000
MAGNESIUM FLUOSILICATE see: VV8575000
MAGNESIUMFOSFIDE (Dutch) see: OM4200000
MAGNESIUM GOLD PURPLE see: MD5070000
MAGNESIUM GRANULES COATED, particle size not less than 149 microns (DOT) see: OM2100000
MAGNESIUM HEXAFLUOROSILICATE see: VV8575000

OM3560000 MAGNESIUM HYDRIDE
UPDT:8312 CAS: 60616-74-2
SYN: MAGNESIUM HYDRIDE (DOT) * UN 2010 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:DANGEROUS WHEN WET CFRGBR 49,172.102,83
MAGNESIUM HYDRIDE (DOT) see: OM3560000
MAGNESIUM LINEAR ALKYLBENZENE SULFONATE see: DB4371000
MAGNESIUM METAL (DOT) see: OM2100000

OM3700000 MAGNESIUM, METHYL-, BROMIDE (ethyl ether solution)
UPDT:8312 CAS: 75-16-1 MW: 119.26 MOLFM: C-H3-Br-Mg
SYN: METHYL MAGNESIUM BROMIDE in ETHYL ETHER-not over 40% concentration (DOT) * UN 1928 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OM3750000 MAGNESIUM(II) NITRATE (1:2)
UPDT:8308 CAS: 10377-60-3 MW: 148.33 MOLFM: N2-O6 .Mg
SYN: MAGNESIUM NITRATE (DOT) * NITRIC ACID, MAGNESIUM SALT (2:1) * UN 1474 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MAGNESIUM NITRATE (DOT) see: OM3750000

OM3850000 MAGNESIUM OXIDE
UPDT:8404 CAS: 1309-48-4 MW: 40.31 MOLFM: Mg-O
SYN: AKRO-MAG * ANIMAG * CALCINED BRUCITE * CALCINED MAGNESIA * CALCINED MAGNESITE * GRANMAG * MAGCAL * MAGCHEM 100 * MAGLITE * MAGNESIA * MAGNESIA USTA * MAGNEZU TLENEK (Polish) * MAGOX * MAGOX 85 * MAGOX 90 * MAGOX 95 * MAGOX 98 * MAGOX OP * MARMAG * OXYMAG * PERICLASE * SEAWATER MAGNESIA
TUMORIGENIC DATA AND REFERENCES:
3V03D09J60 itr-ham TDLo:480 mg/kg/30W-I CNREA8 33,2209,73
REVIEW AND REFERENCES:
★ TLV-TWA 10 mg(Mg)/m3 (vapor) DTLVS* 4,249,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 15 mg/m3 (SCP-O) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S369
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OM3860000 MAGNESIUM OXIDE-CURED CHLOROPRENE RUBBER, gas
UPDT:8303
SYN: GAS from MAGNESIUM OXIDE-CURED CHLOROPRENE RUBBER
MUTATION DATA AND REFERENCES:
mmo-sat 10 ul/plate JTEHD6 8,805,81
mma-sat 10 ul/plate JTEHD6 8,805,81
MAGNESIUM 5-OXO-2-PYRROLIDINECARBOXYLATE see: UY0685000
MAGNESIUM PELLETS see: OM2100000
MAGNESIUM PELLETS (DOT) see: OM2100000
MAGNESIUM PEMOLINE see: RY1105000

MAGNESIUM PEMOLINE MONOHYDRATE see: RY1200000
MAGNESIUM PERCHLORATE see: SC8925000
MAGNESIUM PERCHLORATE (DOT) see: SC8925000

OM4100000 MAGNESIUM PEROXIDE
UPDT:8403 CAS: 14452-57-4 MW: 56.31 MOLFM: Mg-O2
SYN: IXPER 25M * MAGNESIUM PEROXIDE, SOLID (DOT) * UN 1476 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MAGNESIUM PEROXIDE, SOLID (DOT) see: OM4100000

OM4200000 MAGNESIUM PHOSPHIDE
UPDT:8312 CAS: 12057-74-8 MW: 134.87 MOLFM: Mg3-P2
SYN: FOSFURI DI MAGNESIO (Italian) * MAGNESIUMFOSFIDE (Dutch) * MAGNESIUM PHOSPHIDE (DOT) * PHOSPHURE DE MAGNESIUM (French) * UN 2011 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:580 ppm/1H ZGSHAM 25,279,33
ihl-cat LCLo:173 ppm/2H ZGSHAM 25,279,33
ihl-gpg LCLo:288 ppm/2H ZGSHAM 25,279,33
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:DANGEROUS WHEN WET, POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MAGNESIUM PHOSPHIDE (DOT) see: OM4200000

OM4205000 MAGNESIUM, (PHTHALOCYANINATO(2-))-
UPDT:8401 CAS: 1661-03-6 MW: 536.87 MOLFM: C32-H16-Mg-N8
SYN: MAGNESIUM PHTHALOCYANINE * (PHTHALOCYANINATO(2-))MAGNESIUM
TUMORIGENIC DATA AND REFERENCES:
3V03L60P62 scu-mus TDLo:1000 mg/kg/I BECCAN 40,30,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
MAGNESIUM PHTHALOCYANINE see: OM4205000
MAGNESIUM POTASSIUM ASPARTATE see: CI9460000
MAGNESIUM FOTASSIUM L-ASPARTATE see: CI9460000
MAGNESIUM POWDER (DOT) see: OM2100000
MAGNESIUM POWDERED see: OM2100000
MAGNESIUM RIBBON (DOT) see: OM2100000
MAGNESIUM RIBBONS see: OM2100000
MAGNESIUM SALT of AUREOLIC ACID see: PZ2960000
MAGNESIUM SCALPINGS (DOT) see: OM2100000
MAGNESIUM SCRAP (DOT) see: OM2100000
MAGNESIUM SHAVINGS (DOT) see: OM2100000
MAGNESIUM SHEET see: OM2100000

OM4367000 MAGNESIUM SILICIDE
UPDT:8312 CAS: 39404-03-0
SYN: MAGNESIUM SILICIDE (DOT) * UN 2624 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:DANGEROUS WHEN WET CFRGBR 49,172.102,83
MAGNESIUM SILICIDE (DOT) see: OM4367000
MAGNESIUM SILICOFLUORIDE see: VV8575000
MAGNESIUM SILICOFLUORIDE (DOT) see: VV8575000
MAGNESIUM SULFATE see: OM4510000

OM4500000 MAGNESIUM SULFATE (1:1)
UPDT:8411 CAS: 7487-88-9 MW: 120.37 MOLFM: O4-S .Mg
SYN: EPSOM SALTS * MAGNESIUM SULPHATE
MUTATION DATA AND REFERENCES:
mrc-esc 5 pph JGMIAN 8,45,53
pic-esc 800 umol/L ENMUDM 6,59,84
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T39T51 ipr-rat TDLo:750 mg/kg (17-21D preg) GEPHDP 12,25,81
TOXICITY DATA AND REFERENCES:
scu-rbt LDLo:1750 mg/kg AJPHAP 14,366,05
orl-mus LDLo:5000 mg/kg HBAMAK 4,1364,35
scu-mus LD50:980 mg/kg ARZNAD 5,376,55
ipr-dog LDLo:1200 mg/kg HBAMAK 4,1364,35
scu-dog LDLo:1500 mg/kg HBAMAK 4,1364,35
* ivn-dog LDLo:750 mg/kg 85ESA3 9,739,76
1F01 scu-cat LDLo:1000 mg/kg AJPHAP 14,366,05
orl-rbt LDLo:3000 mg/kg HBAMAK 4,1364,35
scu-gpg LDLo:1800 mg/kg AJPHAP 14,366,05
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
MAGNESIUM SULFATE and CALOMEL (8:5) see: EW8515000

OM4510000 MAGNESIUM(II) SULFATE, MONOHYDRATE (1:1:1)
UPDT:8403 CAS: 14567-64-7 MW: 138.39 MOLFM: O4-S .Mg .H2-O
SYN: HYDRATED MAGNESIUM SULFATE * KIESERITE * MAGNESIUM SULFATE * MONO MAG SULF
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 450 mg/kg MUREAV 30,407,75
MAGNESIUM SULPHATE see: OM4500000
MAGNESIUM TURNINGS see: OM2100000
MAGNESIUM TURNINGS (DOT) see: OM2100000
MAGNESPIRIN see: VO0780000
MAGNETIC 70, 90, and 95 see: WS4250000
MAGNEZU TLENEK (Polish) see: OM3850000
MAGNOCURARINE CHLORIDE see: NX5825000
MAGNOFENYL see: GD3900000
MAGNOFLORINE CHLORIDE see: CE0970000
MAGNOLIONE see: GY5157000
MAGNOPHENYL see: GD3900000
MAGNUS RED see: TP2509170
MAGNUS RED ANION SALT see: TP1370000
MAGOX see: OM3850000
MAGOX 85 see: OM3850000
MAGOX 90 see: OM3850000
MAGOX 95 see: OM3850000
MAGOX 98 see: OM3850000
MAGOX OP see: OM3850000
MAGRACROM ORANGE see: VO5310000
MAGRON see: FO0175000
MAGSALYL see: VO5075000
MAH see: UR5950000
MAHANGAKOLI EXTRACT (Indian) see: KE9898000

OM5427000 MAHARANGA EMODI (Wall) DC., extract
DEF:Indian plant belonging to the family BORAGINACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

OM5430000 MAHONIA LESCHENAULTII Takeda, extract excluding roots
DEF:Indian plant belonging to the family BERBERIDACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:280 mg/kg IJEBA6 12,512,74

OM5435000 MAHONIA NAPAULENSIS DC., root extract
DEF:Indian plant belonging to the family BERBERIDACEAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:175 mg/kg IJEBA6 7,250,69
MAHUA STEM BARK EXTRACT (Indian) see: OM0760000
MAIKOHIS see: UY0704600
MAILA EXTRACT (Indian) see: OL9010000
MAINA EXTRACT (Indian) see: OR6400000
MAINPHAL FRUIT and SEED EXTRACT (Indian) see: VE5470000
MAINPHAL SEED and FRUIT EXTRACT (Indian) see: VE5470000
MAINTAIN 3 see: UR5950000
MAINTAIN A see: LL6070000
MAINTAIN CF125 see: LL6070000
MAIPEDOPA see: AY5600000
MAITANSINE see: OQ2290000
MAISE OIL see: GM4800000
MAITENIN see: LS6872000
MAIZENA see: GM5090000
MAJEPTYL see: SP5400000
MAJOL PLX see: FJ5950000
MAJSOLIN see: UV9100000
MAKAR-LIMBU EXTRACT (Indian) see: CJ4612000
MAKAROL see: WJ5600000
MAKI see: GN4934700
MAKROLAN, combustion products see: AT6975000
MALACHITE see: GL6910000
MALACHITE GREEN G see: BP6825000
MALACIDE see: WM8400000
MALAFOR see: WM8400000
MALAGRAN see: WM8400000
MALAGRIDE see: CF8400000
MALAIBEMBU STEM BARK EXTRACT (Indian) see: GC2770000
MALAKILL see: WM8400000
MALAMAR see: WM8400000
MALAMAR 50 see: WM8400000
MALAOXON see: WM8410000
MALAOXONE see: WM8410000
MALAPHELE see: WM8400000
MALAPHOS see: WM8400000
MALAQUIN see: VB2360000
MALAREN see: VB2360000
MALAREX see: VB2360000
MALARICIDA see: AR7875000
MALARIDINE see: SK4920000
MALASOL see: WM8400000
MALASPRAY see: WM8400000
MALATA EXTRACT (Indian) see: ON8259000
MALATHION see: WM8400000
MALATHION (DOT) see: WM8400000
MALATHION E50 see: WM8400000
MALATHION LV CONCENTRATE see: WM8400000
MALATHION-O-ANALOG see: WM8410000
MALATHION ULV CONCENTRATE see: WM8400000
MALATHIOZOO see: WM8400000
MALATHON see: WM8400000
MALATHYL LV CONCENTRATE & ULV CONCENTRATE see: WM8400000
MALATION (Polish) see: WM8400000
MALATOL see: WM8400000
MALATOX see: WM8400000
MALAYAN CAMPHOR see: ED7000000
MALAYAN COBRA VENOM see: YX4182050
MALAZIDE see: UR5950000
MALCOTRAN see: MS9000000
MALDISON see: WM8400000
MALDOCIL see: MU6647000 HYDRATROPIC ACID, p-(2-THENOYL)-
MALEALDEHYDIC ACID, DICHLORO-4-OXO-, (Z)- (9CI) see: AS7700000

OM9375000 MALEAMIC ACID, N-(5-CARBOXYMETHYL-4-(p-CHLOROPHENYL)-2-THIAZOLYL)-, 5'-METHYL ESTER
UPDT:8306 CAS: 73793-13-2 MW: 380.82 MOLFM: C16-H13-Cl-N2-O5-S
SYN: EMAT * ESTER METYL KWASU 2-MALEINO-AMINO-4-p-CHLOROFENYLO-TIAZOLO-5-OCTOWEGO (Polish) * METHYL ESTER of 2-MALEICAMINO-4-p-CHLOROPHENYLTHIAZOLE-5-ACETIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:310 mg/kg AITEAT 27,777,79
MALEATE ACIDE DE L'ACETYL 3-DIMETHYLAMINO 3-PROPYL-10-PHENOTHIAZINE (French) see: OB2450000
MALEATE de 2-((p-CHLOROPHENYL)-2-(PYRIDYL)HYDROXY METHYL)IMIDAZOLINE (French) see: UT4755400
MALEATE de CINEPAZIDE (French) see: TM2785100
MALEATE de CINPROPAZIDE see: TK7850000
MALE FERN see: CJ0100000

OM9625000 MALEIC ACID
UPDT:8308 CAS: 110-16-7 MW: 116.08 MOLFM: C4-H4-O4
SYN: BUTENEDIOIC ACID, (Z)- * cis-BUTENEDIOIC ACID * cis-1,2-ETHYLENEDICARBOXYLIC ACID * 1,2-ETHYLENEDICARBOXYLIC ACID, (Z) * MALEIC ACID (DOT) * MALEINIC ACID * MALENIC ACID * NA 2215 (DOT) * TOXILIC ACID
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD BIOFX* 7-4/70
eye-rbt 100 mg SEV BIOFX* 7-4/70
eye-rbt 1%/2M SEV AJOPAA 33,387,50
TOXICITY DATA AND REFERENCES:
orl-rat LD50:708 mg/kg BIOFX* 7-4/70
orl-mus LD50:2400 mg/kg BIJOAK 34,1196,40
skn-rbt LD50:1560 mg/kg BIOFX* 7-4/70
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MALEIC ACID ANHYDRIDE see: ON3675000

OM9950000 MALEIC ACID, BIS(1,3-DIMETHYLBUTYL) ESTER
UPDT:8407 CAS: 105-52-2 MW: 284.44 MOLFM: C16-H28-O4
SYN: 2-BUTENEDIOIC ACID, BIS(1,3-DIMETHYLBUTYL) ESTER * DIHEXYL MALEATE * DI(4-METHYL-2-AMYL) MALEATE * DI(4-METHYL-2-PENTYL) MALEATE * DMAM * MALEIC ACID, DI(1,3-DIMETHYLBUTYL) ESTER * MALEIC ACID, DIHEXYL ESTER
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62

---

eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:7340 mg/kg AIHAAP 23,95,62
* skn-rbt LD50:12 gm/kg AMIHBC 10,61,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ON0160000 MALEIC ACID, BIS(2-ETHYLHEXYL)ESTER
UPDT:8407 CAS: 142-16-5 MW: 340.56 MOLFM: C20-H36-O4
SYN: BIS(2-ETHYLHEXYL)MALEATE * DI-(2-ETHYLHEXYL)MALEATE * DIOCTYL MALEATE * DOM * RC COMONOMER DOM
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD JIHTAB 31,60,49
eye-rbt 500 mg open JIHTAB 31,60,49
TOXICITY DATA AND REFERENCES:
orl-rat LD50:14 gm/kg JIHTAB 31,60,49
skn-rbt LD50:15 gm/kg JIHTAB 31,60,49
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ON0175000 MALEIC ACID, BIS(2-METHOXYETHYL) ESTER
UPDT:8407 CAS: 10232-93-6 MW: 232.26 MOLFM: C10-H16-O6
SYN: DI(2-METHOXYETHYL) MALEATE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
eye-rbt 100 mg open AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3340 mg/kg AMIHBC 4,119,51
skn-rbt LD50:1940 mg/kg AMIHBC 4,119,51

ON0700000 MALEIC ACID, DIALLYL ESTER
UPDT:8407 CAS: 999-21-3 MW: 196.22 MOLFM: C10-H12-O4
SYN: DIALLYL MALEATE * SIPOMER DAM
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD JIHTAB 31,60,49
eye-rbt 100 mg AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
orl-rat LD50:300 mg/kg JIHTAB 31,60,49
orl-mus LD50:493 mg/kg SCCUR* -,3,61
ipr-mus LD50:160 mg/kg SCCUR* -,3,61
skn-rbt LD50:1150 mg/kg JIHTAB 31,60,49
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ON0875000 MALEIC ACID, DIBUTYL ESTER
UPDT:8407 CAS: 105-76-0 MW: 228.32 MOLFM: C12-H20-O4
SYN: 2-BUTENEDIOIC ACID, DIBUTYL ESTER * DBM * DIBUTYL MALEATE * RC COMONOMER DBM * STAFLEX DBM
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 11/27/63
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3730 mg/kg UCDS** 11/27/63
orl-mus LD50:2400 mg/kg ARZNAD 14,670,64
ipr-mus LD50:150 mg/kg NTIS** AD691-490
skn-rbt LD50:10 gm/kg NPIRI* 2,19,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ON1050000 MALEIC ACID, DI(2-CHLOROETHYL) ESTER
UPDT:8307 CAS: 63917-06-6 MW: 241.08 MOLFM: C8-H10-Cl2-O4
SYN: DI-2-CHLOROETHYL MALEATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:71 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:140 mg/kg TXAPA9 28,313,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
MALEIC ACID, DI(1,3-DIMETHYLBUTYL) ESTER see: OM9950000

ON1225000 MALEIC ACID, DIETHYL ESTER
UPDT:8407 CAS: 141-05-9 MW: 172.20 MOLFM: C8-H12-O4
SYN: 2-BUTENEDIOIC ACID (Z)-, DIETHYL ESTER * DIETHYL MALEATE * ETHYL MALEATE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD JIHTAB 31,60,49
skn-rbt 530 mg open MLD UCDS** 10/29/57
eye-rbt 500 mg open JIHTAB 31,60,49
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3200 mg/kg JIHTAB 31,60,49
ipr-rat LD50:3070 mg/kg TXAPA9 52,422,80
skn-rbt LD50:4000 mg/kg UCDS** 10/29/57
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MALEIC ACID, DIHEXYL ESTER see: OM9950000

ON1400000 MALEIC ACID, DIISOPROPYL ESTER
UPDT:8407 CAS: 10099-70-4 MW: 200.26 MOLFM: C10-H16-O4
SYN: 2-BUTENEDIOIC ACID, BIS(1-METHYLETHYL) ESTER
IRRITATION DATA AND REFFRENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2140 mg/kg AMIHBC 10,61,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MALEIC ACID (DOT) see: OM9625000
MALEIC ACID N-ETHYLIMIDE see: UX9625000
MALEIC ACID HYDRAZIDE see: UR5950000
MALEIC ACID, 2-HYDROXYETHYL ESTER see: ON3150000

ON2160000 MALEIC ACID, 2-HYDROXYETHYL ESTER, ESTER with (beta-METHYLPHENETHYL)CARBAMIC ACID MONOSODIUM SALT
UPDT:8402 MW: 343.34 MOLFM: C16-H18-N-O6 Na
SYN: SEL de SODIUM de MALEATE de PHENYLISOPROPYLCARBAMATE d'ETHYLE (French)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:35 mg/kg APFRAD 9,390,51

ON2200000 MALEIC ACID, MERCAPTO-, DIMETHYL ESTER, S-ESTER with O,O-DIETHYL PHOSPHORODITHIOATE
UPDT:8309 CAS: 63917-07-7 MW: 328.36 MOLFM: C10-H17-O6-P-S2
SYN: 2-BUTENEDIOIC ACID, 2-((DIETHOXYPHOSPHINOTHIOYL)THIO)-, DIMETHYL ESTER, (Z)- * CP 20220 * DIMETHYL (Z)-2-((DIETHOXYPHOSPHINOTHIOYL)THIO)-2-BUTENEDIOATE * ENT 25,542 * MONSANTO CP-20220
TOXICITY DATA AND REFERENCES:
orl-rat LD50:80 mg/kg ARSIM* 20,15,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
MALEIC ACID, METHYL- see: GE6650000
MALEIC ACID, METHYL ERGONOVINE see: KE5500000
MALEIC ACID, MONO(HYDROXYETHOXYETHYL) ESTER see: ON2800000

ON2800000 MALEIC ACID, MONO(2-(2-HYDROXYETHOXY)ETHYL) ESTER
UPDT:8407 CAS: 10099-72-6 MW: 204.20 MOLFM: C8-H12-O6
SYN: 2-BUTENEDIOIC ACID, MONO(2-(2-HYDROXYETHOXY)ETHYL) ESTER * DIETHYLENE GLYCOL, MONO(HYDROGEN MALEATE) * MALEIC ACID, MONO(HYDROXYETHOXYETHYL) ESTER
IRRITATION DATA AND REFERENCES:
eye-rbt 20 mg open SEV AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2830 mg/kg AMIHBC 10,61,54
MALEIC ACID, MONO(HYDROXYETHYL) ESTER see: ON3150000

ON3150000 MALEIC ACID, MONO(2-HYDROXYETHYL) ESTER
UPDT:8407 CAS: 26560-94-1 MW: 160.14 MOLFM: C6-H8-O5
SYN: ETHYLENE GLYCOL, MALEATE * ETHYLENE GLYCOL, MONO(HYDROGEN MALEATE) * MALEIC ACID, 2-HYDROXYETHYL ESTER * MALEIC ACID, MONO(HYDROXYETHYL) ESTER
IRRITATION DATA AND REFERENCES:
eye-rbt 2 mg open SEV AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2460 mg/kg AMIHBC 10,61,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ON3325000 MALEIC ACID, MONO(2-HYDROXYPROPYL) ESTER
UPDT:8407 CAS: 10099-73-7 MW: 174.17 MOLFM: C7-H10-O5
SYN: 2-BUTENEDIOIC ACID, MONO(2-HYDROXYPROPYL) ESTER
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 2 mg open SEV AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3730 mg/kg AMIHBC 10,61,54
* skn-rbt LD50:8480 mg/kg AMIHBC 10,61,54

ON3675000 MALEIC ANHYDRIDE
UPDT:8408 CAS: 108-31-6 MW: 98.06 MOLFM: C4-H2-O3
SYN: cis-BUTENEDIOIC ANHYDRIDE * 2,5-FURANDIONE * MALEIC ACID ANHYDRIDE * MALEIC ANHYDRIDE (DOT) * TOXILIC ANHYDRIDE * RCRA WASTE NUMBER U147 * UN 2215 (DOT)
IRRITATION DATA AND REFERENCES:
eye-rbt 1% SEV AJOPAA 29,1363,46
MUTATION DATA AND REFERENCES:
cyt-ham:lng 230 mg/L GMCRDC 27,95,81
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:1220 mg/kg/61W-I BJCAAI 17,100,63
TOXICITY DATA AND REFERENCES:
orl-rat LD50:481 mg/kg MarJV# 29MAR77
* ipr-rat LD50:97 mg/kg 85GMAT -,79,82
orl-mus LD50:465 mg/kg GTPZAB 13(4),42,69
* orl-rbt LD50:875 mg/kg 85GMAT -,79,82
skn-rbt LD50:2620 mg/kg TXAPA9 42,417,77
* orl-gpg LD50:390 mg/kg 85GMAT -,79,82
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85CVA2 5,250,70
★ TLV-TWA 250 ppb DTLVS* 4,250,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.25 ppm (SCP-M) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:NONE CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 302#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0979-0311;8EHQ-0278-0063
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
MALEIC ANHYDRIDE adduct of BUTADIENE see: GW5775000

ON4025000 MALEIC ANHYDRIDE, DIMETHYL-
UPDT:8401 CAS: 766-39-2 MW: 126.12 MOLFM: C6-H6-O3
SYN: alpha,beta-DIMETHYLMALEIC ANHYDRIDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:2600 mg/kg/65W-I BJCAAI 19,392,65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
MALEIC ANHYDRIDE (DOT) see: ON3675000
MALEIC ANHYDRIDE, METHYL- see: GE6825000

ON4250000 MALEIC ANHYDRIDE, polymer with VINYL ETHER
UPDT:8406 CAS: 27100-68-1 MOLFM: (C4-H6-O C4-H2-O3)x
SYN: DIVEMA * DIVINYL ETHER combined with MALEIC ANHYDRIDE (1:2) * DIVINYL ETHER MALEIC ANHYDRIDE COPOLYMER * 2,5-FURANDIONE, polymer with 1,1'-OXYBIS(ETHENE) (9CI) * PYRAN * PYRAN (COPOLYMER) * PYRAN NSC 46015 * PYRAN NSC 46015 D * PYRAN XA 124-177 * VINYL ETHER combined with MALEIC ANHYDRIDE * XA 124-177 * XA 146-85-2
TOXICITY DATA AND REFERENCES:
1V30 unk-mam LD50:120 ug/kg 39TKAR 5,135,78
MALEIC HYDRAZIDE see: UR5950000
MALEIC HYDRAZIDE 30% see: UR5950000
MALEIC HYDRAZIDE DIETHANOLAMINE SALT see: UR6000000
MALEIC HYDRAZIDE POTASSIUM SALT see: UR6005000
MALEIC HYDRAZIDE SODIUM SALT see: UR6020000
MALEIC HYDRAZINE see: UR5950000

ON4770000 MALEIC MONOPEROXY ACID, 1-tert-BUTYL ESTER
UPDT:8402 CAS: 1931-62-0 MW: 188.20 MOLFM: C8-H12-O5
SYN: tert-BUTYL MONOPERMALEATE * tert-BUTYL MONOPEROXYMALEATE * tert-BUTYL PEROXYMALEATE (DOT) * tert-BUTYL PEROXYMALEIC ACID * ESPEROX 25 * ESPEROX 41-40 * UN 2099 (DOT)
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:16 mg/kg CBCCT* 2,302,50
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ON4775000 MALEIC MONOPEROXY ACID, 1-tert-BUTYL ESTER, not more than 55% in solution
UPDT:8401 CAS: 1931-62-0 MW: 188.20 MOLFM: C8-H12-O5
SYN: tert-BUTYL PEROXYMALEATE, maximum concentration 55% as a paste (DOT) * tert-BUTYL PEROXYMALEATE, not more than 55% in solution (DOT) * UN 2100 (DOT) * UN 2101 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MALEIMIDE, 3-(1,1'-BIPHENYL)-4-YL-4-HYDROXY- see: UX9520000
MALEIMIDE, 3-((1,1'-BIPHENYL)-4-YLOXY)-4-HYDROXY- see: UX9530000
MALEIMIDE, 3-(4'-BROMO-(1,1'-BIPHENYL)-4-YL)-4-HYDROXY- see: UX9550000

ON5075000 MALEIMIDE, N-(p-CHLOROPHENYL)-
UPDT:8408 CAS: 1631-29-4 MW: 207.62 MOLFM: C10-H6-Cl-N-O2
SYN: N-(p-CHLOROPHENYL)MALEIMIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:580 mg/kg SCCUR* -,7,61

orl-mus LD50:290 mg/kg SCCUR* -,7,61

orl-rbt LDLo:350 mg/kg SCCUR* -,7,61

MALEIMIDE, 3-(2-(3,4-DICHLOROPHENYL)-4-THIAZOLYL)-4-HYDROXY- see: UX9570000

ON5250000 MALEIMIDE, 2,4-DIMETHYL-N-PHENYL-

UPDT:8305 MW: 201.24 MOLFM: C12-H11-N-O2

SYN: 2,4-DIMETHYLPHENYLMALEIMIDE

IRRITATION DATA AND REFERENCES:

skn-rbt 100 ug/24H open AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:710 mg/kg AIHAAP 23,95,62

MALEIMIDE, N-ETHYL- see: UX9625000

MALEIMIDE, 4-HYDROXY-3-(2-(PYRIDYL)-4-THIAZOLYL)- see: UX9626500

ON6125000 MALEIMIDE, N,N'-(m-PHENYLENE)DI-

UPDT:8305 CAS: 3006-93-7 MW: 268.24 MOLFM: C14-H8-N2-O4

SYN: 1,3-BISMALEIMIDOBENZENE * 1,3-DIMALEIMIDOBENZENE * HVA 2 * HVA-2 CURING AGENT * M-PHDM * N,N'-(m-PHENYLENE)BISMALEIMIDE * N,N'-(m-PHENYLENEDIMALEIMIDE) * 1,1'-(m-PHENYLENE)BIS-1H-PYRROLE-2,5-DIONE (9CI) * 1H-PYRROLE-2,5-DIONE, 1,1'-(PHENYLENE)BIS-

TOXICITY DATA AND REFERENCES:

ipr-rat LDLo:50 mg/kg NCNSA6 5,22,53

orl-rat LD50:1370 mg/kg GISAAA 40(11),109,75

orl-mus LD50:250 mg/kg GISAAA 40(11),109,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

ON6200000 MALEIMIDE, 2-beta-D-RIBOFURANOSYL-

UPDT:8309 CAS: 16755-07-0 MW: 229.21 MOLFM: C9-H11-N-O6

SYN: 2-beta-D-RIBOFURANOSYLMALEIMIDE * 3-beta-D-RIBOFURANOSYL-1H-PYRROLE-2,5-DIONE * SHOWDOMYCIN

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:25 mg/kg 85ERAY 2,1443,78

* scu-mus LD50:18 mg/kg 85ERAY 2,1443,78

* ivn-mus LD50:110 mg/kg 85ERAY 2,1443,78

MALEIN 30 see: UR5950000

MALEINIC ACID see: OM9625000

MALENIC ACID see: OM9625000

N,N-MALEOYLHYDRAZINE see: UR5950000

MALE SHIELD-FERN see: CJ0100000

MALESTRONE see: BV8400000

MALESTRONE (AMPS) see: XA3030000

MALEX see: AM4375000

MALGESIC see: UQ8225000

MALIASIN see: CQ6832000

ON7300000 MALIC ACID, pyrolyzate

UPDT:8308

MUTATION DATA AND REFERENCES:

mma-sat 1 mg/plate ABCHA6 46,1067,82

MALIC ACID, DISODIUM SALT see: ON7730000

ON7730000 MALIC ACID, SODIUM SALT

UPDT:8411 CAS: 676-46-0 MW: 178.06 MOLFM: C4-H4-O5 2Na

SYN: MALIC ACID, DISODIUM SALT * NATRIUMMALAT (German)

TOXICITY DATA AND REFERENCES:

scu-rat LD50:3500 mg/kg JPETAB 25,467,25

* scu-rbt LDLo:3300 mg/kg JBCHA3 28,185,17

MALIL see: CQ3325000

MALILUM see: CQ3325000

MALIPUR see: GW5075000

MALIVAN see: LK8400000

MALIX see: RB9275000

MALKANGNI EXTRACT (Indian) see: FJ2389000

ON8160800 MALKANGUNI OIL

DEF:Produced from the seeds of CELASTRUS PANICULATUS (AIPTAK 144,34,63)

UPDT:8303

TOXICITY DATA AND REFERENCES:

1F17 ipr-mus LD50:900 mg/kg AIPTAK 144,34,63

1F17 ivn-mus LD50:110 mg/kg AIPTAK 144,34,63

MALLERMIN-F see: UY0704600

MALLOFEEN see: US7875000

MALLOPHENE see: US7700000

MALLOPHENE see: US7875000

MALLOROL see: SP2100000

MALLOTOXIN see: AM6913800

ON8259000 MALLOTUS ALBUS Muell.-Arg., extract

DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 7,250,69)

UPDT:8305

SYN: MALATA EXTRACT * MALLOTUS TETRACOCCUS (Roxb.) Kurz., extract

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

ON8262000 MALLOTUS PHILIPPINENSIS Muell. Arg., capsule hairs

UPDT:8401

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22 orl-rat TDLo:105 gm/kg (28D pre) IJMRAQ 48,46,60

1T23 orl-rat TDLo:105 gm/kg (28D male) IJMRAQ 48,46,60

1T22 orl-gpg TDLo:168 gm/kg (28D pre) IJMRAQ 48,46,60

1T23 orl-gpg TDLo:168 gm/kg (28D male) IJMRAQ 48,46,60

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ON8262200 MALLOTUS PHILIPPINENSIS Muell. Arg., extract

DEF:Indian plant belonging to the family EUPHORBIACEAE (IJMRAQ 48,52,60)

UPDT:8401

SYN: GLANDULAE ROTTLERAE, extract * KAMALA EXTRACT * KAMBILA EXTRACT * KAMILA EXTRACT * KAPILA EXTRACT * ROTTLERA EXTRACT * ROTTLERA TINCTORIA Roxburgh, extract

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T21 orl-rat TDLo:1600 mg/kg (8D pre) IJMRAQ 48,52,60

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MALLOTUS TETRACOCCUS (Roxb.) Kurz., extract see: ON8259000

MALMED see: WM8400000

MALOCIDE see: UV8140000

MALOGEN see: BV8400000

MALOGEN L.A.200 see: XA3080000

MALON, combustion products see: AT6975000

MALONAL see: CQ3500000

MALONALDEHYDE see: TX6475000

ON8750000 MALONALDEHYDE, BIS(DIETHYL ACETAL)

UPDT:8407 CAS: 122-31-6 MW: 220.35 MOLFM: C11-H24-O4

SYN: MALONALDEHYDE DIETHYL ACETAL * MALONALDEHYDE TETRAETHYL DIACETAL * PROPANE, 1,1,3,3-TETRAETHOXY- * TETRAETHOXY PROPANE * 1,1,3,3-TETRAETHOXYPROPANE * USAF KF-26

IRRITATION DATA AND REFERENCES:

eye-rbt 500 mg open AMIHBC 4,119,51

MUTATION DATA AND REFERENCES:

mma-sat 4 umol/plate CNREA8 40,276,80

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1610 mg/kg TXAPA9 7,826,65

ipr-mus LD50:200 mg/kg NTIS** AD277-689

MALONALDEHYDE DIETHYL ACETAL see: ON8750000

MALONALDEHYDE TETRAETHYL DIACETAL see: ON8750000

ON9105000 MALONAMIC ACID, N-(2-CARBOXY-3,3-DIMETHYL-7-OXO-4-THIA-1-AZABICYCLO(3.2.0)HEPT-6-YL)-2- PHENYL-, DISODIUM SALT

UPDT:8309 CAS: 4800-94-6 MW: 424.41 MOLFM: C17-H18-N2-O6-S 2Na

SYN: ANABACTYL * BRL-2064 * CARBECIN * CARBENICILLIN DISODIUM * CARBENICILLIN DISODIUM SALT * CARBENICILLINE DISODIUM * CARBENICILLIN SODIUM * CARBOXYBENZYLPENICILLIN SODIUM * CBPC * CP-15-639-2 * DISODIUM CARBENICILLIN * FUGACILLIN * GEOPEN * GRIPENIN * MICROCILLIN * NSC-111071 * PIOPEN * PYOPEN * PYOPENE * SODIUM CARBENICILLIN

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:10 gm/kg NIIRDN 6,187,82

* ivn-rat LD50:6800 mg/kg NIIRDN 6,187,82

* ipr-mus LD50:7600 mg/kg NIIRDN 6,187,82

* scu-mus LD50:9 gm/kg NIIRDN 6,187,82

ivn-mus LD50:4500 mg/kg NKRZAZ 23,572,75

3D28F23J22 ivn-mky LD50:9800 mg/kg TAKHAA 34,405,75

ON9110000 MALONAMIC ACID, N-(2-CARBOXY-3,3-DIMETHYL-7-OXO-4-THIA-1-AZABICYCLO-(3.2.0)HEPT-6-YL)-2- PHENYL-, 1-PHENYL ESTER SODIUM SALT

UPDT:8305 CAS: 21649-57-0 MW: 476.51 MOLFM: C23-H21-N2-Na-O6-S

SYN: BRL 3475 * CARBENICILLIN PHENYL SODIUM * CARBOXYBENZYLPENICILLIN PHENYL ESTER SODIUM SALT * CARFECILLIN SODIUM * SODIUM alpha-PHENOXYCARBONYLBENZYLPENICILLIN * UTICILLIN

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:572 mg/kg NIIRDN 6,186,82

* scu-rat LD50:4530 mg/kg NIIRDN 6,186,82

* ivn-rat LD50:710 mg/kg NIIRDN 6,186,82

orl-mus LD50:3040 mg/kg ANTBAL 23,450,78

* ipr-mus LD50:942 mg/kg NIIRDN 6,186,82

* scu-mus LD50:2010 mg/kg NIIRDN 6,186,82

* ivn-mus LD50:717 mg/kg NIIRDN 6,186,82

* ivn-dog LD50:625 mg/kg NIIRDN 6,186,82

* orl-rbt LD50:10 gm/kg NIIRDN 6,186,82

* ivn-rbt LD50:625 mg/kg NIIRDN 6,186,82

ON9110200 MALONAMIC ACID, N-(2-CARBOXY-3,3-DIMETHYL-7-OXO-4-THIA-1-AZABICYCLO(3.2.0)HEPT-6-YL)-2-(3- THENYL)-, DISODIUM SALT, (2S,5R,6R)-

UPDT:8305 MW: 428.41 MOLFM: C15-H14-N2-O6-S2 2Na

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:7200 mg/kg IYKEDH 11,181,80

* scu-rat LD50:10 gm/kg IYKEDH 11,181,80

* ivn-rat LD50:5350 mg/kg IYKEDH 11,181,80

* ipr-mus LD50:7800 mg/kg IYKEDH 11,181,80

* scu-mus LD50:11200 mg/kg IYKEDH 11,181,80

* ivn-mus LD50:5200 mg/kg IYKEDH 11,181,80

ON9110800 MALONAMIC ACID, N-(2-(DIETHYLAMINO)ETHYL)-2-ETHYL-2-PHENYL-, ETHYL ESTER

UPDT:8306 CAS: 4551-59-1 MW: 334.51 MOLFM: C19-H30-N2-O3

SYN: BENZENEACETIC ACID, alpha-(((2-(DIETHYLAMINO)ETHYL)AMINO)CARBONYL)-alpha-ETHYL-, ETHYL ESTER * N-(2-(DIETHYLAMINO)ETHYL)-2-ETHYL-2-PHENYLMALONAMIC ACID ETHYL ESTER * FEMAMIDE * FENALAMIDE * FENAMIDE * PHENAMIDE * SCH 5706 * SH 30858 * SPASMAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:210 mg/kg BCFAAI 111,293,72

ON9130000 MALONAMIDE, 2-ALLYL-2-BENZYL-N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-, DIHYDROCHLORIDE

UPDT:8308 MW: 617.63 MOLFM: C33-H32-N6-O2 2Cl-H

SYN: 2-ALLYL-2-BENZYL-N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)MALONAMIDE DIHYDROCHLORIDE * BIS-(2-METHYL-4-AMINO-6-QUINOLYL)ALLYLBENZYLMALONAMIDE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F12J30 ivn-mus LD50:9 mg/kg ANTCAO 2,581,52

ON9130200 MALONAMIDE, 2-ALLYL-N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2-ETHYL-, DIHYDROCHLORIDE

UPDT:8308 MW: 555.56 MOLFM: C28-H30-N6-O2 2Cl-H

SYN: 2-ALLYL-N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2-ETHYLMALONAMIDE DIHYDROCHLORIDE * BIS-(2-METHYL-4-AMINO-6-QUINOLYL)ALLYLETHYLMALONAMIDE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F12J30 ivn-mus LD50:6600 ug/kg ANTCAO 2,581,52

ON9130400 MALONAMIDE, 2-ALLYL-N,N'-BIS-(4-AMINO-2-METHYL-6-QUINOLYL)-2-METHYL-, DIHYDROCHLORIDE

UPDT:8308 MW: 541.53 MOLFM: C27-H28-N6-O2 2Cl-H

SYN: 2-ALLYL-N,N'-BIS-(4-AMINO-2-METHYL-6-QUINOLYL)-2-METHYLMALONAMIDE DIHYDROCHLORIDE * BIS-(2-METHYL-4-AMINO-6-QUINOLYL)ALLYLMETHYLMALONAMIDE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F12J30 ivn-mus LD50:6200 ug/kg ANTCAO 2,581,52

ON9130600 MALONAMIDE, 2-ALLYL-N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2-PROPYL-, DIHYDROCHLORIDE

UPDT:8308 MW: 569.59 MOLFM: C29-H32-N6-O2 2Cl-H

SYN: 2-ALLYL-N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2-PROPYLMALONAMIDE DIHYDROCHLORIDE * BIS-(2-METHYL-4-AMINO-6-QUINOLYL)ALLYLPROPYLMALONAMIDE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F12J30 ivn-mus LD50:8200 ug/kg ANTCAO 2,581,52

ON9130800 MALONAMIDE, 2-ALLYL-N,N'-BIS-(4-AMINO-2-METHYL-6-QUINOLYL)-2-(2-THENYL)-, DIHYDROCHLORIDE

UPDT:8308 MW: 623.65 MOLFM: C31-H30-N6-O2-S 2Cl-H

SYN: 2-ALLYL-N,N'-BIS-(4-AMINO-2-METHYL-6-QUINOLYL)-2-(2-THENYL)MALONAMIDE DIHYDROCHLORIDE * BIS-(2-METHYL-4-AMINO-6-QUINOLYL)ALLYLTHENYLMALONAMIDE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F12J30 ivn-mus LD50:12700 ug/kg ANTCAO 2,581,52

ON9133000 MALONAMIDE, N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIALLYL-, DIACETATE, mixed with UREA (3:7)

UPDT:8308 MW: 650.82 MOLFM: C29-H30-N6-O2 2C-H4-O2 C-H4-N2-O

SYN: BAYER 7602 (Ac)

TOXICITY DATA AND REFERENCES:

2F12J30 ipr-mus LD50:228 mg/kg ANTCAO 2,581,52

2F12J30 ivn-mus LD50:7100 ug/kg ANTCAO 2,581,52

ON9133200 MALONAMIDE, N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIALLYL-, DIHYDROCHLORIDE

UPDT:8308 MW: 567.57 MOLFM: C29-H30-N6-O2 2Cl-H

SYN: N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIALLYLMALONAMIDE DIHYDROCHLORIDE * BIS-(2-METHYL-4-AMINO-6-QUINOLYL)DIALLYLMALONAMIDE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F12J30 ivn-mus LD50:6900 ug/kg ANTCAO 2,581,52

ON9133400 MALONAMIDE, N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIALLYL-, TETRACETATE

UPDT:8308 MW: 734.89 MOLFM: C29-H30-N6-O2 4C2-H4-O2

SYN: N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIALLYLMALONAMIDE TETRAACETATE * BIS-(2-METHYL-4-AMINO-6-QUINOLYL)DIALLYLMALONAMIDE TETRAACETATE

TOXICITY DATA AND REFERENCES:

2F12J30 ipr-mus LD50:182 mg/kg ANTCAO 2,581,52

2F12J30 ivn-mus LD50:6700 ug/kg ANTCAO 2,581,52

ON9133600 MALONAMIDE, N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIBENZYL-, DIHYDROCHLORIDE
UPDT:8308 MW: 667.69 MOLFM: C37-H34-N6-O2 . 2Cl-H
SYN: N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIBENZYLMALONAMIDE DIHYDROCHLORIDE * BIS-(2-METHYL-4-AMINO-6-QUINOLYL)DIBENZYLMALONAMIDE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F12J30 ivn-mus LD50:10900 ug/kg ANTCAO 2,581,52

ON9133800 MALONAMIDE, N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIBUTYL-, DIHYDROCHLORIDE
UPDT:8308 MW: 599.67 MOLFM: C31-H38-N6-O2 . 2Cl-H
SYN: N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIBUTYLMALONAMIDE DIHYDROCHLORIDE * BIS-(2-METHYL-4-AMINO-6-QUINOLYL)DIBUTYLMALONAMIDE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F12J30 ivn-mus LD50:4300 ug/kg ANTCAO 2,581,52

ON9134000 MALONAMIDE, N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIETHYL-, DIHYDROCHLORIDE
UPDT:8308 MW: 543.55 MOLFM: C27-H30-N6-O2 . 2Cl-H
SYN: N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIETHYLMALONAMIDE DIHYDROCHLORIDE * BIS-(2-METHYL-4-AMINO-6-QUINOLYL)DIETHYLMALONAMIDE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F12J30 ivn-mus LD50:7100 ug/kg ANTCAO 2,581,52

ON9134100 MALONAMIDE, N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-, DIHYDROCHLORIDE
UPDT:8308 MW: 487.43 MOLFM: C23-H22-N6-O2 . 2Cl-H
SYN: N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)MALONAMIDE DIHYDROCHLORIDE * BIS-(2-METHYL-4-AMINO-6-QUINOLYL)MALONAMIDE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F12J30 ivn-mus LD50:16 mg/kg ANTCAO 2,581,52

ON9134200 MALONAMIDE, N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIMETHYL-, DIHYDROCHLORIDE
UPDT:8308 MW: 515.49 MOLFM: C25-H26-N6-O2 . 2Cl-H
SYN: N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIMETHYLMALONAMIDE DIHYDROCHLORIDE * BIS-(2-METHYL-4-AMINO-6-QUINOLYL)DIMETHYLMALONAMIDE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F12J30 ivn-mus LD50:7600 ug/kg ANTCAO 2,581,52

ON9134300 MALONAMIDE, N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIPROPYL-, DIHYDROCHLORIDE
UPDT:8308 MW: 571.61 MOLFM: C29-H34-N6-O2 . 2Cl-H
SYN: N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2,2-DIPROPYLMALONAMIDE DIHYDROCHLORIDE * BIS-(2-METHYL-4-AMINO-6-QUINOLYL)DIPROPYLMALONAMIDE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F12J30 ivn-mus LD50:5800 ug/kg ANTCAO 2,581,52

ON9134400 MALONAMIDE, N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2-ETHYL-2-METHYL-, DIHYDROCHLORIDE
UPDT:8308 MW: 529.52 MOLFM: C26-H28-N6-O2 . 2Cl-H
SYN: N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2-ETHYL-2-METHYLMALONAMIDE DIHYDROCHLORIDE * BIS-(2-METHYL-4-AMINO-6-QUINOLYL)METHYLETHYLMALONAMIDE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F12J30 ivn-mus LD50:12200 ug/kg ANTCAO 2,581,52

ON9134500 MALONAMIDE, N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2-ETHYL-2-PROPYL-, DIHYDROCHLORIDE
UPDT:8308 MW: 557.58 MOLFM: C28-H32-N6-O2 . 2Cl-H
SYN: N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2-ETHYL-2-PROPYLMALONAMIDE DIHYDROCHLORIDE * BIS-(2-METHYL-4-AMINO-6-QUINOLYL)ETHYLPROPYLMALONAMIDE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F12J30 ivn-mus LD50:7300 ug/kg ANTCAO 2,581,52

ON9134600 MALONAMIDE, N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2-METHYL-2-PROPYL-, DIHYDROCHLORIDE
UPDT:8308 MW: 543.55 MOLFM: C27-H30-N6-O2 . 2Cl-H
SYN: N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-2-METHYL-2-PROPYLMALONAMIDE DIHYDROCHLORIDE * BIS-(2-METHYL-4-AMINO-6-QUINOLYL)METHYLPROPYLMALONAMIDE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F12J30 ivn-mus LD50:7200 ug/kg ANTCAO 2,581,52

cis-MALONATODIAMMINEPLATINUM(II) see: TP2485500
MALONDIALDEHYDE see: TX6475000

OO0365000 MALONIC ACID, 2-ACETAMIDO-2-((4,4-DIMETHYL-4H-1,3-BENZOTHIAZIN-2-YL)METHYL)-, DIETHYL ESTER
UPDT:8403 MW: 406.54 MOLFM: C20-H26-N2-O5-S
SYN: 2-ACETAMIDO-2-((4,4-DIMETHYL-4H-1,3-BENZOTHIAZIN-2-YL)METHYL)MALONIC ACID DIETHYL ESTER
TOXICITY DATA AND REFERENCES:
2A11F17 ipr-mus LD50:400 mg/kg RPTOAN 45,64,82

OO0624000 MALONIC ACID, BUTYL-, MONO(1,2-DIPHENYLHYDRAZIDE), CALCIUM SALT (2:1)
UPDT:8302 CAS: 34461-73-9 MW: 690.92 MOLFM: C38-H42-N4-O6 . Ca
SYN: BUMADIZON CALCIUM * BUMADIZONE CALCIUM * BUTYLMALONIC ACID MONO(1,2-DIPHENYLHYDRAZIDE) CALCIUM * BUTYL-MALONSAURE-MONO-(1,2-DIPHENYL-HYDRAZID)-CALZIUM (German) * EUMOTOL * PROPANEDIOIC ACID, BUTYL-, MONO(1,2-DIPHENYLHYDRAZIDE), CALCIUM SALT (2:1) (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:20 mg/kg (1D preg) ARZNAD 23,1246,73
1T34 orl-mus TDLo:20 mg/kg (1D preg) ARZNAD 23,1246,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OO0625000 MALONIC ACID, BUTYL-, MONO(1,2-DIPHENYLHYDRAZIDE), CALCIUM SALT, HEMIHYDRATE
UPDT:8405 CAS: 69365-73-7 MW: 699.93 MOLFM: C38-H42-N4-O6 . 1/2H2-O
SYN: BUMADIZON CALCIUM SALT HEMIHYDRATE * BUTYLMALONIC ACID MONO(1,2-DIPHENYLHYDRAZIDE) CALCIUM SALT HEMIHYDRATE * BUTYL-MALONSAEURE-MONO-(1,2-DIPHENYL-HYDRAZID)-CALCIUM-SEMIHYDRAT (German) * BUTYLPROPANEDIOIC ACID MONO(1,2-DIPHENYLHYDRAZIDE) CALCIUM SALT HEMIHYDRATE * alpha-CARBOXYCAPROYL-N,N'-DIPHENYLHYDRAZINE CALCIUM SALT HEMIHYDRATE * N-(2-CARBOXYCAPROYL)HYDRAZOBENZENE CALCIUM SALT HEMIHYDRATE * EUMOTOL * RHEUMATOL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1250 mg/kg ARZNAD 23,1215,73
* ivn-rat LD50:263 mg/kg ARZNAD 23,1215,73
* orl-mus LD50:2500 mg/kg ARZNAD 23,1215,73
* ivn-mus LD50:258 mg/kg ARZNAD 23,1215,73

MALONIC ACID compd. with (1,3-DIAMINOPROPANE-1,1,3,3-TETRAYL)TETRAPHOSPHONIC ACID see: SZ7563100

OO0700000 MALONIC ACID, DIETHYL ESTER
UPDT:8305 CAS: 105-53-3 MW: 160.19 MOLFM: C7-H12-O4
SYN: CARBETHOXYACETIC ESTER * DICARBETHOXYMETHANE * DIETHYL MALONATE * DIETHYL PROPANEDIOATE * ETHYL MALONATE * MALONIC ESTER * METHANEDICARBOXYLIC ACID, DIETHYL ESTER * PROPANEDIOIC ACID, DIETHYL ESTER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,745,76
TOXICITY DATA AND REFERENCES:
orl-rat LD50:15 gm/kg AIHAAP 30,470,69
orl-mus LD50:6400 mg/kg BIJOAK 34,1196,40
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OO0950000 MALONIC ACID, DIMETHYL ESTER
UPDT:8305 CAS: 108-59-8 MW: 132.13 MOLFM: C5-H8-O4
SYN: DIMETHYL MALONATE * DIMETHYL PROPANEDIOATE * METHYL MALONATE * PROPANEDIOIC ACID, DIMETHYL ESTER (9CI)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 17,363,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5331 mg/kg FCTXAV 17,363,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OO0970000 MALONIC ACID, (2,4-DITHIABICYCLO(3.2.0)HEPT-3-YLIDENE)-, DIISOPROPYL ESTER
UPDT:8408 MW: 316.46 MOLFM: C14-H20-O4-S2
SYN: DIISOPROPYL-1,3-DITHIOL-2-YLIDENEMALONATE * (2,4-DITHIABICYCLO(3.2.0)HEPT-3-YLIDENE)MALONIC ACID DIISOPROPYL ESTER
TOXICITY DATA AND REFERENCES:
3D17F07F17 orl-rat LD50:2065 mg/kg TOIZAG 25,387,78
3D17F07F17 ipr-rat LD50:750 mg/kg TOIZAG 25,387,78
3D17F07F17 orl-mus LD50:3120 mg/kg TOIZAG 25,387,78
3D17F07F17 ipr-mus LD50:1220 mg/kg TOIZAG 25,387,78
3D17F07F17 scu-mus LD50:12 gm/kg TOIZAG 25,387,78
3F12F25K01 orl-rbt LD50:706 mg/kg TOIZAG 25,387,78
3F12F25K01 ipr-rbt LD50:656 mg/kg TOIZAG 25,387,78
3D17F07F17 orl-gpg LD50:2101 mg/kg TOIZAG 25,387,78
3D17F07F17 ipr-gpg LD50:1011 mg/kg TOIZAG 25,387,78
3D17F07F17 orl-ham LD50:2707 mg/kg TOIZAG 25,387,78
3D17F07F17 ipr-ham LD50:1533 mg/kg TOIZAG 25,387,78

OO1100000 MALONIC ACID, (ETHOXYMETHYLENE)-, DIETHYL ESTER
UPDT:8311 MW: 216.26 MOLFM: C10-H16-O5
SYN: DIETHYL (ETHOXYMETHYLENE)MALONATE * TL 1483
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2227 mg/kg JPMSAE 60,1810,71
ihl-mus LCLo:44 mg/m3 NDRC** 30101,11,45

MALONIC ACID ETHYL ESTER NITRILE see: AG4110000

OO1120000 MALONIC ACID, ETHYLISOPENTYL-, 2-(DIETHYLAMINO)ETHYL ETHYL ESTER, HYDROCHLORIDE
UPDT:8405 MW: 366.00 MOLFM: C18-H35-N-O4 . Cl-H
SYN: D-204 * ETHYL 2-DIETHYLAMINOETHYL ETHYLISOAMYLMALONATE HYDROCHLORIDE * ETHYLISOPENTYLMALONIC ACID 2-DIETHYLAMINOETHYL ETHYL ESTER HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 3% SEV JAPMA8 42,433,53
TOXICITY DATA AND REFERENCES:
3C08F07F12 ivn-mus LD50:26500 ug/kg JAPMA8 42,433,53

OO1770000 MALONIC ACID, THALLIUM SALT (1:2)
UPDT:8108 CAS: 2757-18-8 MW: 510.79 MOLFM: C3-H2-O4 . 2Tl
SYN: FORMOMALENIC THALLIUM * PROPANEDIOIC ACID, DITHALLIUM SALT * THALLIUM MALONATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:18800 ug/kg GTPZAB 20(8),35,76
2P01R03 skn-rat LD50:57700 ug/kg GTPZAB 20(8),35,76
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Tl)/m3 DTLVS* 4,396,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Tl)/m3 (SCP-U) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MALONIC ALDEHYDE see: TX6475000
MALONIC DIALDEHYDE see: TX6475000
MALONIC DINITRILE see: OO3150000
MALONIC ESTER see: OO0700000
MALONOBEN see: OO3737000

OO3150000 MALONONITRILE
UPDT:8408 CAS: 109-77-3 MW: 66.07 MOLFM: C3-H2-N2
SYN: CYANOACETONITRILE * DICYANOMETHANE * MALONIC DINITRILE * MALONONITRILE (DOT) * METHANE, DICYANO- * METHYLENE CYANIDE * NITRIL KYSELINY MALONOVE (Czech) * DWUMETYLOSULFOTLENKU (Polish) * PROPANEDINITRITE * RCRA WASTE NUMBER U149 * UN 2647 (DOT) * USAF A-4600
IRRITATION DATA AND REFERENCES:
eye-rbt 5 mg/24H SEV 28ZPAK -,158,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:61 mg/kg 28ZPAK -,158,72
scu-rat LDLo:7 mg/kg AIPTAK 3,77,1897
orl-mus LD50:19 mg/kg KHZDAN 9,50,66
ipr-mus LD50:13 mg/kg NATUAS 228,1315,70
scu-mus LDLo:8 mg/kg AIPTAK 3,77,1897
* ivn-mus LD50:32 mg/kg CSLNX* NX#07576
scu-dog LDLo:6500 ug/kg AIPTAK 3,77,1897
scu-rbt LDLo:6 mg/kg CRSBAW 96,202,27
* ivn-rbt LD50:28 mg/kg PJPPAA 31,563,79
scu-pgn LDLo:80 mg/kg AIPTAK 3,77,1897
scu-frg LDLo:95 mg/kg AIPTAK 3,77,1897
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172,102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NITRILES recm std-air:TWA 8 mg/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OO3660000 MALONONITRILE, o-CHLOROBENZYL-
UPDT:8411 MW: 190.64 MOLFM: C10-H7-Cl-N2
SYN: o-CHLOROBENZYLMALONONITRILE * o-CHLOROBENZYLOMALONYLONITRYL (Polish) * NITRYLU o-CHLOROBENZYLOMALONOWEGO (Polish)
TOXICITY DATA AND REFERENCES:
2F12J30 ivn-mus LD50:78400 ug/kg TXAPA9 25,111,73
* ivn-rbt LD50:39 mg/kg PJPPAA 31,563,79

OO3675000 MALONONITRILE, o-CHLOROBENZYLIDENE-
UPDT:8412 CAS: 2698-41-1 MW: 188.62 MOLFM: C10-H5-Cl-N2
SYN: (o-CHLOROBENZAL)MALONONITRILE * 2-CHLOROBENZALMALONONITRILE * o-CHLOROBENZYLIDENE MALONITRILE * 2-CHLOROBENZYLIDENE MALONONITRILE * 2-CHLOROBMN * CS * beta,beta-DICYANO-o-CHLOROSTYRENE * NCI-C55118 * PROPANEDINITRILE, ((2-CHLOROPHENYL)METHYLENE) * USAF K[illegible]-11
IRRITATION DATA AND REFERENCES:
skn-hmn 10 mg/1H MLD BJDEAZ 90,657,74
eye-man 5 mg/m3/20S SEV MMEDA9 134,219,69
eye-man 624 ng APTOA6 35,412,74
skn-rat 12%/6H open MLD ARTODN 40,75,78
skn-rbt 12%/6H open MLD ARTODN 40,75,78
eye-rbt 5 mg TXAPA9 4,656,62
eye-rbt 1 mg MLD TXAPA9 17,295,70
eye-rbt 1150 ng APTOA6 35,412,74
skn-gpg 12%/6H open MLD ARTODN 40,75,78

	eye-gpg 429 ng	APTOA6 35,412,74

MUTATION DATA AND REFERENCES:

	mmo-sat 100 ug/plate	ARTODN 49,15,81
	mma-sat 100 ug/plate	ARTODN 49,15,81

TOXICITY DATA AND REFERENCES:

3D25J21J30	ihl-hmn TCLo:1500 ug/m3/90M	AEHLAU 6,366,63
1K05	orl-rat LD50:178 mg/kg	AEHLAU 24,449,72
	ihl-rat LCLo:1806 mg/m3/45M	ARTODN 40,75,78
	ipr-rat LD50:48 mg/kg	TXAPA9 24,45,73
	ivn-rat LD50:28 mg/kg	ARTODN 40,75,78
	orl-mus LD50:282 mg/kg	NTIS** AD837-111
	ihl-mus LCLo:2753 mg/m3/20M	ARTODN 40,75,78
1S04	ipr-mus LD50:32320 ug/kg	TOLED5 8,73,81
2F12J30	ivn-mus LD50:47700 ug/kg	TXAPA9 25,111,73
	orl-rbt LD50:143 mg/kg	ARTODN 40,75,78
	ihl-rbt LCLo:1802 mg/m3/10M	ARTODN 40,75,78
	ivn-rbt LDLo:8 mg/kg	TXAPA9 4,656,62
	orl-gpg LD50:212 mg/kg	ARTODN 40,75,78
	ihl-gpg LCLo:2326 mg/m3/10M	ARTODN 40,75,78
	ipr-gpg LD50:73 mg/kg	ARTODN 40,75,78

REVIEW AND REFERENCES:

★ TLV-CL 50 ppb (skin) DTLVS* 4,85,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 0.05 ppm FEREAC 39,23540,74

STATUS:

NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 304#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

003737000 MALONONITRILE, 3,5-DI-tert-BUTYL-4-HYDROXYBENZYLIDENE-

UPDT:8309 CAS: 10537-47-0 MW: 282.42 MOLFM: C18-H22-N2-O

SYN: 2-((3,5-BIS(1,1-DIMETHYL)-4-HYDROXYPHENYL)METHYLENE)PROPANEDINITRILE * (3,5-DI-t-BUTYL-4-HYDROXYBENZYLIDENE)MALONONITRILE * ENT 27910 * GCP 5126 * GULF S-15126 * MALONOBEN * PROPANEDINITRILE, ((3,5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXYPHENYL)METHYLENE)- * S-15126

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:87 mg/kg	SPEADM 78-1,21,78
	skn-rbt LD50:226 mg/kg	SPEADM 74-1,-,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

003746500 MALONONITRILE, (6,8-DIMETHYL-5,7-DIOXO-2,3,5,6,7,8-HEXAHYDROPYRIMIDO(5,4-e)-as-TRIAZIN-2- YLENE)-

UPDT:8303 MW: 257.24 MOLFM: C10-H7-N7-O2

TOXICITY DATA AND REFERENCES:

*	unk-mam LD50:200 mg/kg	PCJOAU 15,789,81

003746700 MALONONITRILE, (5,7-DIMETHYL-6,8-DIOXO-5,6,7,8-TETRAHYDROPYRIMIDO(4,5-e)-as-TRIAZIN-3-YL)-

UPDT:8303 MW: 257.24 MOLFM: C10-H7-N7-O2

SYN: 3-DICYANOMETHYL-5,7-DIMETHYL-5,6,7,8-TETRAHYDROPYRIMIDO(4,5-e)(1,2,4)TRIAZINE-6,8-DIONE * (5,7-DIMETHYL-6,8-DIOXO-5,6,7,8-TETRAHYDROPYRIMIDO(4,5-e)-as-TRIAZIN-3-YL)MALONONITRILE * PYRIMIDO(4,5-e)-as-TRIAZINE-6(5H),8(7H)-DIONE, 3-DICYANOMETHYL-5,7-DIMETHYL-

TOXICITY DATA AND REFERENCES:

*	unk-mam LD50:200 mg/kg	PCJOAU 15,789,81

MALONONITRILE (DOT) see: OO3150000

004249500 MALONONITRILE, (6-METHYLERGOLIN-8-beta-YL)-

UPDT:8312 MW: 304.43 MOLFM: C19-H20-N4

SYN: (6-METHYLERGOLIN-8-beta-YL)MALONONITRILE

TOXICITY DATA AND REFERENCES:

1H02	orl-mus LD50:100 mg/kg	ARZNAD 33,1094,83

MALONYLBIS(IMINOETHYLENE)BIS(TRIETHYLAMMONIUM IODIDE) see: BR6810000
MALONYLBIS(IMINOETHYLENE)BIS(TRIMETHYLAMMONIUM IODIDE) see: BR6811000
MALONYLDIALDEHYDE see: TX6475000
MALOPRIM see: UV8140000
MALOPRIM see: BY8925000
MALPHOS see: WM8400000
MALS see: CG8490000
MALTA RED X 2284 see: QJ1897000

004845000 MALTI-TOWA, hydrogenated glucose syrup

DEF:Sugar alcohols in MALTI-TOWA are composed of SORBITOL (3.4%), MALTITOL (78.5%),MALTOTRIITOL (12.0%) and higher oligomers (6.1%) (OYYAA2 25,633,83)

UPDT:8402

SYN: HYDROGENATED GLUCOSE SYRUP

TOXICITY DATA AND REFERENCES:

3F13P01R21	ipr-rat LD50:20 gm/kg	OYYAA2 25,633,83

MALTOBIOSE see: OO5250000
MALTOL see: UQ1050000
MALTORYZINE see: SB4550000

005250000 MALTOSE

UPDT:8412 CAS: 69-79-4 MW: 342.34 MOLFM: C12-H22-O11

SYN: CEXTROMALTOSE * 4-(alpha-D-GLUCOPYRANOSIDO)-alpha-GLUCOPYRANOSE * D-GLUCOSE, 4-O-alpha-D-GLUCOPYRANOSYL- * 4-(alpha-D-GLUCOSIDO)-D-GLUCOSE * MALTOBIOSE * D-MALTOSE * MALT SUGAR * alpha-MALT SUGAR

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T12T13	ipr-rat TDLo:300 gm/kg (30D pre)	OYYAA2 6,251,72
1T02	ipr-rat TDLo:228 gm/kg (91D male)	OYYAA2 6,1175,72
1T46	ivn-rat TDLo:15 gm/kg (9-14D preg)	OYYAA2 6,751,72
1T46	ivn-mus TDLo:30 gm/kg (7-12D preg)	OYYAA2 6,751,72
1T25	ivn-mus TDLo:60 gm/kg (7-12D preg)	OYYAA2 6,751,72
1T46	ivn-rbt TDLo:22500 mg/kg (8-16D preg)	OYYAA2 7,1359,73
2T83T86	ivn-rbt TDLo:105 mg/kg (18-31D preg/28D post)	OYYAA2 16,971,78

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-mus TDLo:1750 mg/kg/50W-C	GANNA2 48,556,57

TOXICITY DATA AND REFERENCES:

3F05F12J22	ipr-rat LD50:30600 mg/kg	OYYAA2 6,251,72
3F05F12J22	ivn-rat LD50:15300 mg/kg	OYYAA2 6,251,72
*	ivn-rbt LD50:25200 mg/kg	NIIRDN 6,805,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D-MALTOSE see: OO5250000
MALTOX see: WM8400000
MALTOX MLT see: WM8400000
MALT SUGAR see: OO5250000
alpha-MALT SUGAR see: OO5250000
MALU STEM EXTRACT (Indian) see: CR5660000

005410000 MALVA ROTUNDIFOLIA Linn., extract

DEF:Indian plant belonging to the family MALVACEAE (IJEBA6 16,228,78)

UPDT:8412

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:1 gm/kg	IJEBA6 16,228,78

005420000 MALVASTRUM COROMANDELIANUM (Linn.) Garcke. extract

DEF:Indian plant belonging to the family MALVACEAE (IJEBA6 12,512,74)

UPDT:8412

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:1 gm/kg	IJEBA6 16,228,78
1H30	ipr-mus LD50:750 mg/kg	IJEBA6 12,512,74

005430000 MALVAVISCUS CONZATTI Greenm., flower extract

DEF:Belongs to the family MALVACEAE (IJEBA6 18,561,80)

UPDT:8408

SYN: ACHANIA, flower extract

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T02T03	orl-rat TDLo:4 gm/kg (20D male)	IJEBA6 15,506,77
2T02T03	orl-mus TDLo:60 gm/kg (30D male)	PLMEAA 41,274,81
1T01	orl-mus TDLo:100 gm/kg (50D male)	PLMEAA 41,274,81
2T02T03	scu-mus TDLo:30 gm/kg (15D male)	IJEBA6 18,561,80
2T01T02	orl-dog TDLo:8400 mg/kg (56D male)	IJEBA6 16,245,78
2T02T03	orl-grb TDLo:6250 mg/kg (25D male)	IJEBA6 15,506,77
2T12T13	orl-grb TDLo:5 gm/kg (20D pre)	IJEBA6 15,650,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MALYSOL see: MA4550000
MAM see: PC2625000
MAMA see: PA2450000
MAM AC see: PC2800000
MAM ACETATE see: PC2800000
MAMALLET-A see: CD2625000
MAMIVERT see: WG9420000
MAMMEX see: LT7700000
MAMMOTROPIN see: TW2895000
MAMN see: AI9150000
MAM-TOX see: FC7700000
MANADRIN see: KB0700000
MANAM see: OP0700000
MANCOFOL see: ZB3200000
MANCOZEB see: ZB3200000
MANDAR EXTRACT (Indian) see: AB1492000
MANDARIN G see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT

006475000 MANDELIC ACID, AMMONIUM SALT

UPDT:8403 CAS: 530-31-4 MW: 169.20 MOLFM: C8-H7-O3 H4-N

SYN: AMMONIUM MANDELATE * alpha-HYDROXYBENZENEACETIC ACID MONOAMMONIUM SALT

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:5000 mg/kg	AIPTAK 64,79,40
	orl-rbt LDLo:5000 mg/kg	AIPTAK 64,79,40

007397000 MANDELIC ACID, ETHYL ESTER

UPDT:8407 CAS: 774-40-3 MW: 163.21 MOLFM: C10-H11-O2

SYN: ETHYL MANDELATE * MANDELSAEUREAETHYLESTER (German)

IRRITATION DATA AND REFERENCES:

	eye-rbt 5 mg	AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:3750 mg/kg	ARZNAD 12,347,62

008200000 MANDELIC ACID, 3,3,5-TRIMETHYLCYCLOHEXYL ESTER

UPDT:8310 CAS: 456-59-7 MW: 276.41 MOLFM: C17-H24-O3

SYN: ARTO-ESPASMOL * BENZENEACETIC ACID, alpha-HYDROXY-, 3,3,5-TRIMETHYLCYCLOHEXYL ESTER (9CI) * BS 572 * CAPILAN * CICLOSPASMOL * CLANDILON * CYCLANDELATE * CYCLOLYT * CYCLOMANDOL * CYCLOSPASMOL * DILATAN * alpha-HYDROXYBENZENEACETIC ACID 3,3,5-TRIMETHYLCYCLOHEXYL ESTER * PEREBRAL * SAICLATE * SANCYCLAN * SEPYRON * SPASMIONE * SPASMOCYCLON * SPASMOCYCLONE * 3,3,5-TRIMETHYLCYCLOHEXANOL alpha-PHENYL-alpha-HYDROXYACETATE * 3,5,5-TRIMETHYLCYCLOHEXYL AMYGDALATE * 3,3,5-TRIMETHYLCYCLOHEXYL MANDELATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:5 gm/kg	NIIRDN 6,310,82
3F05F19J30	ipr-rat LD50:2570 mg/kg	AIPTAK 105,145,56
3F05F19J30	ipr-mus LD50:3780 mg/kg	AIPTAK 105,145,56
3F05F19J30	ipr-dog LD50:2000 mg/kg	AIPTAK 105,145,56
3F05F19J30	orl-gpg LD50:3950 mg/kg	AIPTAK 105,145,56
3F05F19J30	ipr-gpg LD50:2480 mg/kg	AIPTAK 105,145,56

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

008492000 MANDELONITRILE, m-HYDROXY-

UPDT:8311 MW: 149.16 MOLFM: C8-H7-N-O2

SYN: m-HYDROXYMANDELONITRILE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:25400 ug/kg	JPMSAE 52,63,63

MANDELSAEUREAETHYLESTER (German) see: OO7397000 MANDELIC ACID, ETHYL ESTER
MANDRIN see: KB0700000
MANEB see: OP0700000
MANEB 80 see: OP0700000
MANEBA see: OP0700000
MANEB, with not less than 60% maneb (DOT) see: OP0700000
MANEB, stabilized against self heating (DOT) see: OP0700000
MANEBE (French) see: OP0700000
MANEBE 80 see: OP0700000
MANEBGAN see: OP0700000
MANEB-METHYLTHIOPHANATE mixt. see: OP0480000
MANEB-ZINC see: ZB3200000
MANEB-ZINEB-KOMPLEX (German) see: ZB3200000
MANEB ZL4 see: OP0700000
MANESAN see: OP0700000
MANEX see: OP0700000
MANEXIN see: OP3000000
MANGAANBIOXYDE (Dutch) see: OP0350000
MANGAANDIOXYDE (Dutch) see: OP0350000
MANGAAN (II)-(N,N'-ETHYLEEN-BIS(DITHIOCARBAMAAT)) (Dutch) see: OP0700000
MANGAN (Polish) see: OO9275000
MANGAN (II)-(N,N'-AETHYLEN-BIS(DITHIOCARBAMATE)) (German) see: OP0700000

009163500 MANGANATE(3-), HEXACYANO-, TRIPOTASSIUM

UPDT:8311 MW: 328.36 MOLFM: C6-Mn-N6 3K

SYN: POTASSIUM MANGANOCYANIDE * TRIPOTASSIUM HEXACYANOMANGANATE(3-)

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:275 mg/kg	JPMSAE 52,59,63

MANGANDIOXID (German) see: OP0350000

009275000 MANGANESE

UPDT:8404 CAS: 7439-96-5 MW: 54.94 MOLFM: Mn

SYN: COLLOIDAL MANGANESE * MAGNACAT * MANGAN (Polish) * TRONAMANG

MUTATION DATA AND REFERENCES:

	mrc-smc 8 mmol/L/18H	MUREAV 42,343,77

TUMORIGENIC DATA AND REFERENCES:

2V03V10	ims-rat TDLo:400 mg/kg/1Y-I	NCIUS* PH 43-64-886,SEPT,71

TOXICITY DATA AND REFERENCES:

3A30F17F18	ihl-man TCLo:2300 ug/m3	AIHAAP 27,454,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: TRBMAV 33(1),85,75; ACLSCP 4,487,74; ADTEAS 5,51,72; FOREAE 7,313,42; KOTTAM 11(11),1300,75; 85DHAX Mn,1,73; PEXTAR 12,102,69
★ TLV-CL 5 mg/m3 (dust) DTLVS* 4,250,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:Cl 5 mg/m3 (SCP-A) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S5
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MANGANESE ACETATE see: AI5770000
MANGANESE ACETATE (Mn(OAc)2) see: AI5770000
MANGANESE(II) ACETATE see: AI5770000
MANGANESE(2+) ACETATE see: AI5770000
MANGANESE ACETATE TETRAHYDRATE see: AI5775000
MANGANESE(II) ACETATE TETRAHYDRATE see: AI5775000
MANGANESE ACETYLACETONATE see: OO9350000
MANGANESE BINOXIDE see: OP0350000
MANGANESE (BIOSSIDO DI) (Italian) see: OP0350000
MANGANESE (BIOXYD DE) (French) see: OP0350000

OO9288350 MANGANESE, BIS(L-ASPARAGININATO)-
UPDT:8305 MW: 317.20 MOLFM: C8-H14-Mn-N4-O6
SYN: BIS(L-ASPARAGININATO)MANGANESE
TOXICITY DATA AND REFERENCES:
1V30 unk-mus LD50:160 mg/kg FRMBAZ 29,215,81

OO9288400 MANGANESE, BIS(L-ASPARTATO)-, DIHYDRATE
UPDT:8305 MW: 353.18 MOLFM: C8-H10-Mn-N2-O8 .2H2-O
SYN: BIS(L-ASPARTATO)MANGANESE DIHYDRATE
TOXICITY DATA AND REFERENCES:
1V30 unk-mus LD50:160 mg/kg FRMBAZ 29,215,81

OO9300000 MANGANESE, BIS(L-GLUTAMATO)-, TETRAHYDRATE
UPDT:8305 MW: 417.28 MOLFM: C10-H14-Mn-N2-O8 .4H2-O
SYN: BIS(L-GLUTAMATO)MANGANESE TETRAHYDRATE
TOXICITY DATA AND REFERENCES:
1V30 unk-mus LD50:160 mg/kg FRMBAZ 29,215,81

OO9310000 MANGANESE, BIS(L-HISTIDINATO)-, TETRAHYDRATE
UPDT:8305 CAS: 63270-67-7 MW: 435.36 MOLFM: C12-H16-Mn-N6-O4 .4H2-O
SYN: BIS(L-HISTIDINATO)MANGANESE TETRAHYDRATE * MANGANESE, BIS(L-HISTIDINATO-N,O)-, TETRAHYDRATE
TOXICITY DATA AND REFERENCES:
1V30 unk-mus LD50:160 mg/kg FRMBAZ 29,215,81

MANGANESE, BIS(L-HISTIDINATO-N,O)-, TETRAHYDRATE see: OO9310000

OO9350000 MANGANESE, BIS(2,4-PENTANEDIONATO-O,O')-
UPDT:8401 CAS: 14024-58-9 MW: 253.18 MOLFM: C10-H14-O4-Mn
SYN: MANGANESE ACETYLACETONATE * MANGANOUS ACETYLACETONATE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLo:1200 mg/kg/26W-I JNCIAM 60,1171,78
3V03Q60V10 ims-rat TD :1350 mg/kg/21W-I NCIUS* PH 43-64-886,SEPT,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OO9420000 MANGANESE, BIS(L-TYROSINATO)-
UPDT:8305 MW: 415.34 MOLFM: C18-H20-Mn-N2-O6
SYN: BIS(L-TYROSINATO)MANGANESE
TOXICITY DATA AND REFERENCES:
1V30 unk-mus LD50:160 mg/kg FRMBAZ 29,215,81

MANGANESE BLACK see: OP0350000
MANGANESE CHLORIDE see: OO9625000

OO9625000 MANGANESE(II) CHLORIDE (1:2)
UPDT:8408 CAS: 7773-01-5 MW: 125.84 MOLFM: Cl2-Mn
SYN: MANGANESE CHLORIDE * MANGANESE DICHLORIDE * MANGANOUS CHLORIDE
MUTATION DATA AND REFERENCES:
mmo-esc 5 umol/L MUREAV 126,9,84
pic-esc 1600 umol/L ENMUDM 6,59,84
dnr-bcs 50 mmol/L MUREAV 31,185,75
mmo-omi 24000 ppm APMBAY 6,45,58
dnd-omi 4 mmol/L SCIEAS 198,513,77
mmo-smc 4 mmol/L MGGEAE 126,357,73
dni-rat:lvr 3300 umol/L BIJOAK 146,697,75
cyt-mus:mmr 1 mmol/L/48H MUREAV 67,221,79
msc-mus:lym 40 mg/L JTEHD6 9,367,82
otr-ham:emb 130 umol/L CNREA8 39,193,79
dnd-ham:emb 130 umol/L CNREA8 39,193,79
msc-ham:lng 1 mmol/L MUREAV 68,259,79
dnd-mam:lym 5 mmol/L SCIEAS 198,513,77
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 itt-rat TDLo:10067 ug/kg (1D male) JRPFA4 7,21,64
1T02 scu-mus TDLo:10067 ug/kg (30D male) JRPFA4 7,21,64
1T48 ipr-pig TDLo:4581 mg/kg (12-16W preg) OABBBA 33,2872,72
1T25 ivn-ham TDLo:30 mg/kg (8D preg) ADTEAS 5,51,72
TUMORIGENIC DATA AND REFERENCES:
2V01P62 ipr-mus TDLo:2080 mg/kg/26W-I FEPRA7 23,393,64
2V01P62 scu-mus TDLo:2080 mg/kg/26W-I FEPRA7 23,393,64
TOXICITY DATA AND REFERENCES:
ims-rat LD50:700 mg/kg RPTOAN 38,221,75
2F07F11 orl-mus LD50:1715 mg/kg TOLED5 7,221,81
ipr-mus LD50:121 mg/kg AEPPAE 244,17,62
ims-mus LD50:255 mg/kg RPTOAN 38,221,75
ivn-dog LD50:202 mg/kg EQSSDX 1,1,75
par-dog LDLo:56 mg/kg CRSBAW 102,262,29
* unk-dog LDLo:600 ug/kg CRSBAW 102,262,29
* unk-cat LDLo:4 mg/kg CRSBAW 102,262,29
scu-rbt LDLo:180 mg/kg EQSSDX 1,1,75
ivn-rbt LDLo:65 mg/kg EQSSDX 1,1,75
par-rbt LDLo:18 mg/kg CRSBAW 102,262,29
* unk-rbt LDLo:6500 ug/kg CRSBAW 102,262,29
scu-gpg LDLo:180 mg/kg EQSSDX 1,1,75
* unk-gpg LDLo:60 mg/kg CRSBAW 102,262,29
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMRL** TR-73-125,73; ADTEAS 5,51,72; 85DHAX Mn,121,73
★ TLV-CL 5 mg(Mn)/m3 DTLVS* 4,250,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OO9650000 MANGANESE(II) CHLORIDE TETRAHYDRATE
UPDT:8408 CAS: 13446-34-9 MW: 197.92 MOLFM: Cl2-Mn .4H2-O
SYN: MANGANESE DICHLORIDE TETRAHYDRATE * MANGANOUS CHLORIDE TETRAHYDRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 orl-rat TDLo:141 gm/kg (90D pre-21D post) NTOIDY 5,377,83
1T25 par-rat TDLo:239 mg/kg (8-12D preg) JINCAO 41,1507,79
1T02 ivn-rbt TDLo:105 mg/kg (30D male) TXAPA9 32,534,75
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1484 mg/kg EVHPAZ 10,95,75
ipr-rat LD50:138 mg/kg EVHPAZ 10,95,75
* par-rat LD50:225 mg/kg JINCAO 41,1507,79
ipr-mus LD50:190 mg/kg AEPPAE 244,17,62
REVIEW AND REFERENCES:
★ TLV-CL 5 mg(Mn)/m3 DTLVS* 4,250,80
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OO9720000 MANGANESE, CYCLOPENTADIENYLTRICARBONYL
UPDT:8408 CAS: 12079-65-1 MW: 204.07 MOLFM: C8-H5-Mn-O3
SYN: CYCLOPENTADIENYLMANGANESE TRICARBONYL * MANGANESE, TRICARBONYL-pi-CYCLOPENTADIENYL- * MCT
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:20 mg/kg HYSAAV 30,40,65
ihl-rat LCLo:120 mg/m3/2H HYSAAV 30,40,65
orl-mus LD50:150 mg/kg GISAAA 28(4),29,63
ivn-mus LD50:710 ug/kg CSLNX* NX#11285
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMRL** TR-73-125,73; 85DHAX Mn,126,73
★ TLV-TWA 100 ug(Mn)/m3, STEL 300 ug(Mn)/m3 (skin) DTLVS* 4,252,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MANGANESE DIACETATE see: AI5770000
MANGANESE DIACETATE, TETRAHYDRATE see: AI5775000
MANGANESE DICHLORIDE see: OO9625000
MANGANESE DICHLORIDE TETRAHYDRATE see: OO9650000
MANGANESE DINITRATE see: QU9780000
MANGANESE (DIOSSIDO DI) (Italian) see: OP0350000

OP0350000 MANGANESE DIOXIDE
UPDT:8308 CAS: 1313-13-9 MW: 86.94 MOLFM: Mn-O2
SYN: BLACK MANGANESE OXIDE * BOG MANGANESE * BRAUNSTEIN (German) * BRUINSTEEN (Dutch) * CEMENT BLACK * C.I. 77728 * C.I. PIGMENT BLACK 14 * C.I. PIGMENT BROWN 8 * MANGAANBIOXYDE (Dutch) * MANGAANDIOXYDE (Dutch) * MANGANDIOXID (German) * MANGANESE BINOXIDE * MANGANESE (BIOSSIDO DI) (Italian) * MANGANESE (BIOXYD DE) (French) * MANGANESE BLACK * MANGANESE (DIOSSIDO DI) (Italian) * MANGANESE DIOXIDE (DOT) * MANGANESE (DIOXYDE DE) (French) * MANGANESE PEROXIDE * MANGANESE SUPEROXIDE * NA 1479 (DOT) * PYROLUSITE BROWN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T81T85 ihl-mus TCLo:49 mg/m3/7H (75D pre/1-18D preg) FEPRA7 39,623,80
TOXICITY DATA AND REFERENCES:
scu-mus LD50:422 mg/kg ZVKOA6 19,186,74
* ivn-rbt LDLo:45 mg/kg 85ESA3 9,744,76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMRL** TR-73-125,73; 85DHAX Mn,1,73
★ TLV-CL 5 mg(Mn)/m3 DTLVS* 4,250,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MANGANESE DIOXIDE (DOT) see: OP0350000
MANGANESE (DIOXYDE DE) (French) see: OP0350000

OP0480000 MANGANESE, ((1,2-ETHANEDIYLBIS(CARBAMODITHIOATO))(2-))-, mixt. with DIMETHYL (1,2-PHENYLENEBIS(IMINOCARBONOTHIOYL))BIS(CARBAMATE)
UPDT:8309 CAS: 52623-88-8 MW: 607.72 MOLFM: C12-H14-N4-O4-S2 .C4-H6-Mn-N2-S4
SYN: BAS 36801F * CALIGRAN M * DUOSAN * DUOSAN (PESTICIDE) * LABILITE * MANEB-METHYLTHIOPHANATE mixt. * METHYLTHIOPHANATE-MANEB mixt. * MF 565 * MF 598 * ORGANIL 644 * PELTAR * THIOPHANATE METHYL-MANEB mixt. * TMM
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:10200 mg/kg FMCHA2 -,C92,83
* skn-rbt LD50:8000 mg/kg FMCHA2 -,C92,83

MANGANESE ETHYLENE-1,2-BISDITHIOCARBAMATE see: OP0700000

OP0700000 MANGANESE, (ETHYLENEBIS(DITHIOCARBAMATO))-
UPDT:8412 CAS: 12427-38-2 MW: 266.31 MOLFM: C4-H7-N2-S4 .Mn
SYN: AAMANGAN * AKZO CHEMIE MANEB * BASF-MANEB SPRITZPULVER * CARBAMIC ACID, ETHYLENEBIS(DITHIO-, MANGANESE SALT * CHEM NEB * CHLOROBLE M * CR 3029 * DITHANE M 22 * DITHANE M 22 SPECIAL * ENT 14,875 * 1,2-ETHANEDIYLBIS(CARBAMODITHIOATO)(2-)-MANGANESE * 1,2-ETHANEDIYLBISCARBAMODITHIOIC ACID, MANGANESE COMPLEX * 1,2-ETHANEDIYLBISCARBAMODITHIOIC ACID, MANGANESE(2+) SALT (1:1) * 1,2-ETHANEDIYLBISMANEB, MANGANESE (2+) SALT (1:1) * ETHYLENEBISDITHIOCARBAMATE MANGANESE * N,N'-ETHYLENE BIS(DITHIOCARBAMATE MANGANEUX) (French) * ETHYLENEBIS(DITHIOCARBAMATO), MANGANESE * ETHYLENEBIS(DITHIOCARBAMIC ACID), MANGANESE SALT * ETHYLENEBIS(DITHIOCARBAMIC ACID) MANGANOUS SALT * 1,2-ETHYLENEDIYLBIS(CARBAMODITHIOATO)MANGANESE * N,N'-ETILEN-BIS(DITIOCARBAMMATO) DI MANGANESE (Italian) * F 10 * F 10 (PESTICIDE) * GRIFFIN MANEX * KYPMAN 80 * LONOCOL M * MANAM * MANEB * MANEB 80 * MANEBA * MANEB, with not less than 60% maneb (DOT) * MANEB, stabilized against self heating (DOT) * MANEBE (French) * MANEBE 80 * MANEBGAN * MANEB ZL4 * MANESAN * MANEX * MANGAAN (II)-(N,N'-ETHYLEEN-BIS(DITHIOCARBAMAAT)) (Dutch) * MANGAN (II)-(N,N'-AETHYLEN-BIS(DITHIOCARBAMATE)) (German) * MANGANESE ETHYLENE-1,2-BISDITHIOCARBAMATE * MANGANESE (II) ETHYLENE DI(DITHIOCARBAMATE) * MANGANOUS ETHYLENEBIS(DITHIOCARBAMATE) * MANZATE * MANZATE 200 * MANZATE D * MANZATE MANEB FUNGICIDE * MANZEB * MANZIN * M-DIPHAR * MEB * MnEBD * NEREB * NESPOR * PLANTIFOG 160M * POLYRAM M * REMASAN CHLOROBLE M * RHODIANEBE * SOPRANEBE * SUP 'R FLO * TERSAN-LSR * TRIMANGOL * TRIMANGOL 80 * TUBOTHANE * UNICROP MANEB * VANCIDE * VANCIDE MANEB 80 * UN 2210 (DOT) * UN 2968 (DOT)
MUTATION DATA AND REFERENCES:
mmo-omi 1000 ppm MMAPAP 50,233,73
mmo-smc 5 ppm RSTUDV 6,161,76
cyt-ham:lng 31 mg/L GMCRDC 27,95,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T45T41 orl-rat TDLo:770 mg/kg (11D preg) TJADAB 14,171,76
3T42T43T46 orl-rat TDLo:770 mg/kg (11D preg) TJADAB 14,171,76
1T55 orl-rat TDLo:770 mg/kg (11D preg) TJADAB 14,171,76
1T34 orl-rat TDLo:1420 mg/kg (11D preg) TJADAB 14,171,76
1T46 orl-mus TDLo:3750 mg/kg (7-16D preg) JTEHD6 5,821,79
TUMORIGENIC DATA AND REFERENCES:
3V01K60R60 orl-rat TDLo:62980 mg/kg/94W-I VPITAR 29,71,70
3V03N62R60 imp-rat TDLo:50 mg/kg VPITAR 29,71,70
1V03 orl-mus TDLo:3600 mg/kg/5W-I GISAAA 37(9),25,72
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3 gm/kg GISAAA 36(5),22,71
* unk-rat LD50:3000 mg/kg EQSSDX 3,618,75
* orl-mus LD50:2600 mg/kg GISAAA 36(5),22,71
orl-gpg LDLo:6400 mg/kg PCOC** -,675,66
* unk-mam LD50:5000 mg/kg GISAAA 45(5),29,80

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE   IARC** 12,137,76
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONT. COMBUSTIBLE, DANGER WHEN W ET   CFRGBR 49,172.102,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MANGANESE (II) ETHYLENE DI(DITHIOCARBAMATE) see: OP0700000
MANGANESE complex with N-FLUOREN-2-YLACETOHYDROXAMIC ACID see: AK9625000

OP0875000 MANGANESE(II) FLUORIDE
UPDT:7901   CAS: 7782-64-1   MW: 92.94   MOLFM: F2-Mn
SYN: MANGANESE FLUORURE (French)
TOXICITY DATA AND REFERENCES:
scu-frg LDLo:224 mg/kg   CRSBAW 124,133,37
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMSSAQ 400,5,63
★ TLV-TWA 2.5 mg(F)/m3   DTLVS* 4,195,80
★ TLV-CL 5 mg(Mn)/m3   DTLVS* 4,250,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3   NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MANGANESE FLUORURE (French) see: OP0875000
MANGANESE GREEN see: OP0900000
MANGANESE MANGANATE see: OP0915000
MANGANESE, (METHYLCYCLOPENTADIENYL)TRICARBONYL- see: OP1450000

OP0891500 MANGANESE, N,N'-METHYLENEBIS(ETHYLENEBIS(DITHIOCARBAMATO))-
UPDT:8309   MW: 485.65   MOLFM: C9-H10-N4-S8 .Mn
SYN: MANOC * N,N'-METHYLENEBIS(ETHYLENEBIS(DITHIOCARBAMATO))MANGANESE * N,N'-METHYLENE-DI(MANGANESE ETHYLENEBISDITHIOCARBAMATE) * TRIMANOC
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4620 mg/kg   FMCHA2 -,C244,83

MANGANESE MONOOXIDE see: OP0900000
MANGANESE MONOXIDE see: OP0900000
MANGANESE NITRATE see: QU9780000
MANGANESE(2+) NITRATE see: QU9780000
MANGANESE (II) NITRATE see: QU9780000
MANGANESE (II) NITRATE, ANHYDROUS see: QU9780000
MANGANESE NITRATE (DOT) see: QU9780000

OP0895000 MANGANESE OXIDE
UPDT:8402   CAS: 1317-35-7   MW: 228.82   MOLFM: Mn3-O4
SYN: MANGANESE TETROXIDE * MANGANOMANGANIC OXIDE * TRIMANGANESE TETRAOXIDE * TRIMANGANESE TETROXIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03   orl-mus TDLo:23 gm/kg (44D male)   JTEHD6 6,861,80
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Mn)/m3; STEL 3 mg(Mn)/m3 (vapor)   DTLVS* 4,253,80
★ TLV-CL 5 mg(Mn)/m3   DTLVS* 4,250,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OP0900000 MANGANESE(II) OXIDE
UPDT:7909   CAS: 1344-43-0   MW: 70.94   MOLFM: Mn-O
SYN: CASSEL GREEN * C.I. 77726 * MANGANESE GREEN * MANGANESE MONOOXIDE * MANGANESE MONOXIDE * MANGANOUS OXIDE * NU-MANESE * ROSENSTHIEL
TOXICITY DATA AND REFERENCES:
scu-mus LD50:1000 mg/kg   ZVKOA6 19,186,74
REVIEW AND REFERENCES:
★ TLV-CL 5 mg(Mn)/m3   DTLVS* 4,250,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OP0915000 MANGANESE(III) OXIDE
UPDT:7909   CAS: 1317-34-6   MW: 157.88   MOLFM: Mn2-O3
SYN: CASSEL BROWN * C.I. NATURAL BROWN 8 * C.I. 77727 * COLOGNE EARTH * COLOGNE UMBER * CULLEN EARTH * DIMANGANESE TRIOXIDE * MANGANESE MANGANATE * MANGANESE(3+) OXIDE * MANGANESE SISQUIOXIDE * MANGANESE TRIOXIDE * MANGANIC OXIDE * RUBENS BROWN * SOLUBLE VANDYKE BROWN * VANDYKE BROWN * WALNUT STAIN
TOXICITY DATA AND REFERENCES:
scu-mus LD50:616 mg/kg   ZVKOA6 19,186,74
REVIEW AND REFERENCES:
★ TLV-CL 5 mg(Mn)/m3   DTLVS* 4,250,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MANGANESE(3+) OXIDE see: OP0915000
MANGANESE PERCHLORATE HEXAHYDRATE see: SC9275000
MANGANESE PEROXIDE see: OP0350000

OP0957000 MANGANESE RESINATE
UPDT:8401   CAS: 9008-34-8
SYN: MANGANESE RESINATE (DOT) * RESIN ACIDS AND ROSIN ACIDS, MANGANESE SALTS * UN 1330 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID   CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MANGANESE RESINATE (DOT) see: OP0957000
MANGANESE SISQUIOXIDE see: OP0915000
MANGANESE SULFATE (1:1) see: OP1050000

OP1050000 MANGANESE(II) SULFATE (1:1)
UPDT:8412   CAS: 7785-87-7   MW: 151.00   MOLFM: O4-S .Mn
SYN: MANGANESE SULFATE (1:1) * MANGANESE(2+) SULFATE (1:1) * MANGANESE SULPHATE * MANGANOUS SULFATE * MAN-GRO * NCI C61143 * SORBA-SPRAY Mn * SULFURIC ACID, MANGANESE (II) SALT (1:1) (8CI)
MUTATION DATA AND REFERENCES:
dnr-bcs 50 mmol/L   MUREAV 31,185,75
mmo-omi 10 mmol/L   JMOBAK 14,453,65
mmo-smc 40 umol/L   MUREAV 137,47,84
mrc-smc 40 umol/L   MUREAV 137,47,84
dni-smc 10 mmol/L   MGGEAE 151,69,77
TUMORIGENIC DATA AND REFERENCES:
2V02J60   ipr-mus TDLo:660 mg/kg/8W-I   CNREA8 36,1744,76
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:120 mg/kg   COREAF 256,1043,63
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Mn,121,73
★ TLV-CL 5 mg(Mn)/m3   DTLVS* 4,250,80
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MANGANESE(2+) SULFATE (1:1) see: OP1050000

OP1200000 MANGANESE(II) SULFATE TETRAHYDRATE (1:1:4)
UPDT:8402   CAS: 10101-68-5   MW: 223.08   MOLFM: O4-S .Mn 4H2-O
SYN: MANGANESE SULPHATE, TETRAHYDRATE * SULFURIC ACID, MANGANESE(2+) SALT (1:1), TETRAHYDRATE
MUTATION DATA AND REFERENCES:
dni-mus-ipr 20 gm/kg   ARGEAR 51,605,81
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:534 mg/kg   BCPCA6 15,1691,66
REVIEW AND REFERENCES:
★ TLV-CL 5 mg(Mn)/m3   DTLVS* 4,250,80

MANGANESE SULPHATE see: OP1050000
MANGANESE SULPHATE, TETRAHYDRATE see: OP1200000
MANGANESE SUPEROXIDE see: OP0350000
MANGANESE TETROXIDE see: OP0895000
MANGANESE, TRICARBONYL-pi-CYCLOPENTADIENYL- see: OO9720000

OP1450000 MANGANESE, TRICARBONYL METHYLCYCLOPENTADIENYL
UPDT:8404   CAS: 12108-13-3   MW: 218.10   MOLFM: C9-H7-Mn-O3
SYN: AK-33X * ANTIKNOCK-33 * CI-2 * COMBUSTION IMPROVER -2 * MANGANESE, (METHYLCYCLOPENTADIENYL)TRICARBONYL- * METHYLCYCLOPENTADIENYL MANGANESE TRICARBONYL * 2-METHYLCYCLOPENTADIENYL MANGANESETRICARBONYL * MMT
IRRITATION DATA AND REFERENCES:
skn-rbt 100 mg/24H MLD   AEHLAU 30,168,75
TOXICITY DATA AND REFERENCES:
2J16P01   orl-rat LD50:50 mg/kg   TXAPA9 56,353,80
3D25F07J22   ihl-rat LC50:76 mg/m3/4H   AIHAAP 40,164,79
orl-mus LD50:230 mg/kg   AIHAAP 40,164,79
ihl-mus LC50:59 mg/m3/4H   SKIZAB 34,183,78
ipr-mus LD50:152 mg/kg   SKIZAB 34,183,78
orl-rbt LDLo:95 mg/kg   85DHAX Mn,128,73
3F12F13J24   skn-rbt LD50:140 mg/kg   AIHAAP 40,164,79
orl-gpg LDLo:900 mg/kg   85DHAX Mn,128,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMRL** TR-73-125,73; 85DHAX Mn,126,73
★ TLV-TWA 200 ug(Mn)/m3; STEL 600 ug(Mn)/m3 (skin)   DTLVS* 4,272,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0778-0211;8EHQ-1079-0211
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MANGANESE TRIOXIDE see: OP0915000
MANGANESE ZINC BERYLLIUM SILICATE see: DS3550000
MANGANIC OXIDE see: OP0915000
MANGANOMANGANIC OXIDE see: OP0895000
MANGANOUS ACETATE see: AI5770000
MANGANOUS ACETATE TETRAHYDRATE see: AI5775000
MANGANOUS ACETYLACETONATE see: OO9350000
MANGANOUS CHLORIDE see: OO9625000
MANGANOUS CHLORIDE TETRAHYDRATE see: OO9650000
MANGANOUS DINITRATE see: QU9780000
MANGANOUS ETHYLENEBIS(DITHIOCARBAMATE) see: OP0700000
MANGANOUS NITRATE see: QU9780000
MANGANOUS OXIDE see: OP0900000
MANGANOUS SULFATE see: OP1050000
MANGAN-ZINK-AETHYLENDIAMIN-BIS-DITHIO-CARBAMAT (German) see: ZB3200000

OP1927700 MANGIFERA SYLVATICA Roxb., extract excluding roots
DEF:Indian plant belonging to the family ANACARDIACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: CHUCHE AAM EXTRACT
TOXICITY DATA AND REFERENCES:
1H30   ipr-mus LD50:400 mg/kg   IJEBA6 11,43,73

OP1927800 MANGIFERIN
UPDT:8312   CAS: 4773-96-0   MW: 422.37   MOLFM: C19-H18-O11
SYN: APHLOIOL * HEDYSARID * 9H-XANTHEN-9-ONE, 2-beta-D-GLUCOPYRANOSYL-1,3,6,7-TETRAHYDROXY- (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:365 mg/kg   JPMSAE 61,1838,72
* orl-mus LD50:2300 ug/kg   PBVMA9 8,108,80

MAN-GRO see: OP1050000
MANHEXIN see: OP3000000
MANICOLE see: OP3000000

OP1941000 MANIHOT GLAZIOVII Muell.-Arg., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 12,512,74)
UPDT:8305
SYN: CERARUBBER EXTRACT
TOXICITY DATA AND REFERENCES:
2H30M10   ipr-mus LD50:95 mg/kg   IJEBA6 12,512,74

MANIHOT UTILISSIMA see: FI4007000
MANIL FAST YELLOW AN see: GD0197800

OP1944000 MANILKARA HEXANDRA (Roxb.) Dub., extract excluding roots
DEF:Indian plant belonging to the family SAPOTACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: KHIRNI EXTRACT
TOXICITY DATA AND REFERENCES:
2H30V30   ipr-mus LD50:750 mg/kg   IJEBA6 7,250,69

MANINIL see: YS4725200
MANIOL see: TM4970500
MANITE see: OP3000000
MANJADI, extract (Indian) see: AU6090000 ADENANTHERA PARONINA Linn., extract excludingroots
MAN-LATA EXTRACT (Indian) see: FK6750400
MANNA SUGAR see: OP2060000
MANNEX see: OP3000000
MANNITE see: OP2060000
MANNIT-LOST (German) see: OP2100000
MANNIT-MUSTARD (German) see: OP2100000
MANNITOL see: OP2060000

OP2060000 MANNITOL, D-
UPDT:8412   CAS: 69-65-8   MW: 182.20   MOLFM: C6-H14-O6
SYN: 1,2,3,4,5,6-HEXANEHEXOL * MANNA SUGAR * MANNITE * MANNITOL * D-MANNITOL * NCI-C50362 * OSMITROL
MUTATION DATA AND REFERENCES:
oms-omi 1 mol/L   ARMKA7 91,305,73
dni-hmn:lym 50 mmol/L   PNASA6 79,1171,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:17 gm/kg   FAONAU 40,161,67
orl-mus LD50:22 gm/kg   FAONAU 40,161,67
ipr-mus LD50:14 gm/kg   PSEBAA 35,98,36
ivn-mus LD50:17 gm/kg   FAONAU 40,161,67
STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE, RAT (NTPTR* NTP-TR-236,82)

REPORTED IN EPA TSCA INVENTORY, 1983

D-MANNITOL see: OP2060000

OP2080000 D-MANNITOL, 1,2-ANHYDRO-6-BROMO-6-DEOXY-

UPDT:8404 MW: 227.08 MOLFM: C6-H11-Br-O4

SYN: 1,2-ANHYDRO-6-BROMO-6-DEOXY-D-MANNITOL

TOXICITY DATA AND REFERENCES:

3P13P30V30	ipr-rat LD10:182 mg/kg	EJCODS 18,573,82
3P13P30V30	ipr-mus LD50:227 mg/kg	EJCODS 18,573,82

OP2100000 MANNITOL, 1,6-BIS((2-CHLOROETHYL)AMINO-1,6-DIDEOXY-, D-,

UPDT:8411 CAS: 576-68-1 MW: 305.24 MOLFM: C10-H22-Cl2-N2-O4

SYN: BCM * 1,6-BIS(CHLOROETHYLAMINO)-1,6-BIS-DEOXY-D-MANNITOL * 1,6-BIS(CHLOROETHYLAMINO)-1,6-DIDEOXY-D-MANNITE * 1,6-BIS((beta-CHLOROETHYL)AMINO)-1,6-DIDEOXY-D-MANNITOL * 1,6-BIS((2-CHLOROETHYL)AMINO)-1,6-DIDEOXY-D-MANNITOL * 1,6-BIS(2-CHLOROETHYLAMINO)-1,6-DIDEOXY-D-MANNITOL DIHYDROCHLORIDE * DEGRANOL * 1,6-DI(2-CHLOROETHYLAMINO)-1,6-DIDEOXY-D-MANNITOL DIHYDROCHLORIDE * 1,6-DIDEOXY-1,6-DI(2-CHLOROETHYLAMINO)-D-MANNITOL DIHYDROCHLORIDE * MANNIT-LOST (German) * MANNIT-MUSTARD (German) * MANNITOL MUSTARD * MANNITOL NITROGEN MUSTARD * MANNOMUSTINE

MUTATION DATA AND REFERENCES:

	dni-hmn:lym 100 umol/L	AGACBH 4,117,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-rat TDLo:50 mg/kg (13D preg)	CYGEDX 8(6),44,74

TUMORIGENIC DATA AND REFERENCES:

2V02J60	ipr-mus TDLo:7265 ug/kg/4W-I	JNCIAM 36,915,66

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:56 mg/kg	ARZNAD 11,143,61
	ivn-rat LD50:56 mg/kg	ARZNAD 20,1467,70
1V25	ivn-mus LD50:90 mg/kg	ANYAA9 68,879,58
2P27V25	ivn-dog LD50:50 mg/kg	ANYAA9 68,879,58
1P14	ivn-rbt LD50:50 mg/kg	ANYAA9 68,879,58
2P27V25	ivn-gpg LDLo:20 mg/kg	ANYAA9 68,879,58

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:INDEFINITE IARC** 9,157,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OP2275000 MANNITOL, 1,6-BIS((2-CHLOROETHYL)AMINO)-1,6-DIDEOXY-, DIHYDROCHLORIDE, D-

UPDT:8401 CAS: 551-74-6 MW: 378.16 MOLFM: C10-H22-Cl2-N2-O4 2Cl-H

SYN: BCM * 1,6-BIS-(CHLOROETHYLAMINO)-1,6-DESOXY-D-MANNITOL DIHYDROCHLORIDE * 1,6-BIS-(CHLOROETHYLAMINO)-1,6-DIDEOXY-D-MANNITE DIHYDROCHLORIDE * DEGRANOL * DEGRANOL CHINOIN * 1,6-DIDEOXY-1,6-DI(2-CHLOROETHYLAMINO)-D-MANNITOL DIHYDROCHLORIDE * DIMESYLMANNITOL * MANNITOL MUSTARD * MANNITOL MUSTARD DIHYDROCHLORIDE * MANNITOL NITROGEN MUSTARD * MANNOGRANOL * MANNOMUSTINE * MANNOMUSTINE DIHYDROCHLORIDE * NSC-9698

MUTATION DATA AND REFERENCES:

	mmo-esc 20 mg/L	MUREAV 21,190,73
	dni-hmn:lym 100 umol/L	AGACBH 4,117,74
	cyt-hmn:leu 6 mg/L	MUREAV 14,345,72
	cyt-hmn:lym 10 umol/L	IPPABX 17,131,81
	sce-hmn:lym 3 umol/L	IPPABX 17,131,81
	dnd-mus-ipr 200 mg/kg	FOBLAN 25,330,79
	hma-mus/esc 1 mg/kg	MUREAV 21,190,73

TUMORIGENIC DATA AND REFERENCES:

2V01J60	ipr-mus TDLo:23 mg/kg/4W	JNCIAM 36,915,66

TOXICITY DATA AND REFERENCES:

	par-rat LD50:56 mg/kg	RRCRBU 52,76,75
	scu-mus LD50:120 mg/kg	RFECAC 7,296,62
	ivn-dog LDLo:8 mg/kg	CCSUBJ 2,201,65
	ivn-mky LDLo:15 mg/kg	CCSUBJ 2,201,65

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 9,157,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D-MANNITOL BUSULFAN see: OP2975000

D-MANNITOL BUSULPHAN see: OP2975000

OP2450000 MANNITOL, 1,2:5,6-DIANHYDRO-, D-

UPDT:8402 CAS: 19895-66-0 MW: 146.16 MOLFM: C6-H10-O4

SYN: DIANHYDROMANNITOL * 1:2:5:6-DIANHYDRO-D-MANNITOL * NSC-133129

MUTATION DATA AND REFERENCES:

	dnd-ckn:leu 30 mmol/L	TELEAY (29),2477,75
	dni-rbt:bmr 274 umol/L	BCPCA6 25,1705,76

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:14 mg/kg	EJCAAH 4,617,68
3P13P30V30	ipr-mus LD50:20 mg/kg	EJCODS 18,573,82

OP2800000 MANNITOL, 1,6-DIBROMO-1,6-DIDEOXY-, D-

UPDT:8412 CAS: 488-41-5 MW: 308.00 MOLFM: C6-H12-Br2-O4

SYN: DBM * DIBROMANNIT * 1,6-DIBROMO-1,6-DIDEOXY-D-MANNITOL * 1,6-DIBROMO-1,6-D-DIDESOXYMANNITOL * DIBROMOMANNITOL * D-DIBROMOMANNITOL * 1,6-DIBROMOMANNITOL * MIEOBROMOL * MITOBRONITOL * MYEBROL * MYELOBROMOL * NCI-C04762 * NSC-94100 * R 54

MUTATION DATA AND REFERENCES:

	mmo-sat 1 mg/plate	CNREA8 43,4530,83
	mma-sat 1 mg/plate	CNREA8 43,4530,83
	dnr-omi 15400 ug/plate	BIZNAT 95,463,76
	sce-hmn:lym 10 nmol/L	NGCJAK 15,1085,80
	cyt-mus-ivn 90 mg/kg	MUREAV 60,329,79
	sce-mus-ivn 90 mg/kg	MUREAV 60,329,79
	sce-ham:oth 1300 ng/L	CNREA8 43,4530,83
	dni-rbt:bmr 730 umol/L	BCPCA6 25,1705,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	orl-rat TDLo:300 mg/kg (9-14D preg)	KSRNAM 6,30,72
2T12T13	orl-rat TDLo:3900 mg/kg (26D pre)	OYYAA2 6,831,72
2T42T43	orl-rat TDLo:500 mg/kg (13D preg)	KSRNAM 6,30,72
1T53	orl-rat TDLo:500 mg/kg (10D preg)	HYDKAK 17,67,75
2T25T35	orl-rat TDLo:300 mg/kg (9D preg)	KSRNAM 6,30,72
2T02T03	orl-rat TDLo:3900 mg/kg (26D male)	OYYAA2 6,831,72
3T25T34T35	orl-mus TDLo:150 mg/kg (11D preg)	KSRNAM 6,30,72
1T46	orl-mus TDLo:150 mg/kg (11D preg)	KSRNAM 6,30,72
2T41T42	orl-mus TDLo:300 mg/kg (12D preg)	KSRNAM 6,30,72

TUMORIGENIC DATA AND REFERENCES:

3V02R60V10	ipr-rat TDLo:9750 mg/kg/26W-I	RRCRBU 52,1,75
3V02J60P62	ipr-mus TDLo:7000 mg/kg/26W-I	RRCRBU 52,1,75

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1500 mg/kg	NIIRDN 6,810,82
	ipr-rat LD50:900 mg/kg	EJCAAH 4,617,68
*	scu-rat LD50:1240 mg/kg	NIIRDN 6,810,82
*	ivn-rat LD50:1370 mg/kg	IYKEDH 8,680,77
*	orl-mus LD50:1380 mg/kg	NIIRDN 6,810,82
*	ipr-mus LD50:900 mg/kg	NIIRDN 6,810,82
*	scu-mus LD50:2200 mg/kg	NIIRDN 6,810,82
*	ivn-mus LD50:2200 mg/kg	IYKEDH 8,680,77
*	orl-rbt LD50:1080 mg/kg	OYYAA2 6,831,72

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CRTXB2 1(1),93,71; CRTXB2 2,159,73

STATUS:

★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (RRCRBU 52,1,75)

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OP2975000 MANNITOL, 1,6-DIMETHANESULFONATE, D-

UPDT:8401 CAS: 1187-00-4 MW: 338.38 MOLFM: C8-H18-O10-S2

SYN: BIS(METHANESULFONYL)-D-MANNITOL * 1,6-BIS-O-METHYLSULFONYL-D-MANNITOL * CB 2511 * 1,6-DIMESYL-D-MANNITOL * 1,6-DIMETHANESULFONATE-D-MANNITOL * 1,6-DIMETHANE-SULFONOXY-D-MANNITOL * 1,6-DIMETHANESULPHONOXY-1,6-DIDEOXY-D-MANNITOL * DMM * D-MANNITOL BUSULFAN * D-MANNITOL BUSULPHAN * D-MANNITOL, 1,6-DIMETHANESULPHONOXY-1,6-DIDEOXY- * MANNITOL MYLERAN * MANNOGRANOL * MM * NSC-37538

MUTATION DATA AND REFERENCES:

	sln-dmg-unk 160 mmol/L	ANYAA9 160,228,69
	sln-dmg-par 40 mmol/L	GENTAE 46,447,61
	dni-rbt:bmr 1700 umol/L	BCPCA6 25,1705,76

TUMORIGENIC DATA AND REFERENCES:

2V02J60	ipr-mus TDLo:1000 mg/kg/4W	JNCIAM 36,915,66

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:2000 mg/kg	EJCAAH 4,617,68
1V25	orl-mus LD50:6000 mg/kg	ARZNAD 17,145,67
	ivn-dog LDLo:135 mg/kg	CCSUBJ 2,203,65
	ivn-mky LDLo:135 mg/kg	CCSUBJ 2,203,65

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D-MANNITOL, 1,6-DIMETHANESULPHONOXY-1,6-DIDEOXY- see: OP2975000

OP3000000 MANNITOL, HEXANITRATE

UPDT:8312 CAS: 15825-70-4 MW: 452.20 MOLFM: C6-H8-N6-O18

SYN: DILANGIL * HEXANITROL * HYPERTENAIN * INITIATING EXPLOSIVE NITRO MANNITE (DOT) * MANEXIN * MANHEXIN * MANICOLE * MANITE * MANNEX * D-MANNITOL HEXANITRATE * MANNITOL HEXANITRATE, containing, by weight, at least 40% water (DOT) * MANNITRIN * MAXITATE * MEDEMANOL * NITRANITOL * NITRO MANNITE * NITROMANNITE (DOT) * NITROMANNITE (DRY) (DOT) * NITROMANNITOL * SDM No.5 * UN 0133 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A	CFRGBR 49,172.101,82
★ DOT-HAZARD:FORBIDDEN, dry	CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

D-MANNITOL HEXANITRATE see: OP3000000

MANNITOL HEXANITRATE, containing, by weight, at least 40% water (DOT) see: OP3000000

MANNITOL MUSTARD see: OP2100000

MANNITOL MUSTARD see: OP2275000

MANNITOL MUSTARD DIHYDROCHLORIDE see: OP2275000

MANNITOL MYLERAN see: OP2975000

MANNITOL NITROGEN MUSTARD see: OP2100000

MANNITOL NITROGEN MUSTARD see: OP2275000

OP3605000 MANNITOL, 1,2,5,6-TETRAMETHANESULFONATE, D-

UPDT:8402 CAS: 7518-35-6 MW: 494.56 MOLFM: C10-H22-O14-S4

SYN: D-MANNITOL, 1,2,5,6-TETRAMETHANESULFONATE (9CI) * MANNOSULFAN * R-52 * 1,2,5,6-TETRAMESYL-D-MANNITOL * 1,2,5,6-TETRAMETHANESULFONYL-D-MANNITOL * TETRA-o-METHYL-SULPHONYL-D-MANNITOL * TMSM * ZITOSTOP

MUTATION DATA AND REFERENCES:

	mmo-sat 1 mg/plate	CNREA8 43,4530,83
	mma-sat 1 mg/plate	CNREA8 43,4530,83
	oms-hmn:leu 500 ug/L	AMSHAR 16,463,68
	oms-hmn:lym 750 ug/L	HAEMBY 5,5,71
	cyt-hmn:leu 100 ug/L	AMSHAR 16,463,68
	cyt-hmn:lym 750 ug/L	HAEMBY 5,5,71
	sce-ham:oth 420 ug/L	CNREA8 43,4530,83

D-MANNITOL, 1,2,5,6-TETRAMETHANESULFONATE (9CI) see: OP3605000

MANNITRIN see: OP3000000

MANNOGRANOL see: OP2275000

MANNOGRANOL see: OP2975000

MANNOMUSTINE see: OP2100000

MANNOMUSTINE see: OP2275000

MANNOMUSTINE DIHYDROCHLORIDE see: OP2275000

OP4080000 MANNOPYRANOSE, 2-AMINO-2-DEOXY-

UPDT:8310 CAS: 579-33-9 MW: 179.20 MOLFM: C6-H13-N-O5

SYN: 2-AMINO-2-DEOXYMANNOPYRANOSE * D-MANNOSAMINE

MUTATION DATA AND REFERENCES:

	dni-hmn:lym 25 umol/L	CNREA8 42,2867,82
	oms-hmn:lym 25 umol/L	CNREA8 42,2867,82

OP4100000 beta-D-MANNOPYRANOSIDE, O-4-C-(1-METHOXYETHYL)-2,3-O-METHYLENEPENTOPYRANOSYLIDENE- (1-3-4)-2-O-METHYL-alpha-L-LYXOPYRANOSYL-O-2,3,6-TRIDEOXY-3-C-METHYL-4-O-METHYL-3-NITRO- alpha-L-ARABINO-HEXOPYRANOSYL-(1-3)-O-2,6-DIDEOXY-4-O-(3,5-DICHLORO-4-HYDROXY-2-METHOXY- 6-METHYLBENZOYL)-beta-D-ARABINO-HEXOPYRANOSYL-(1-4)-O-2,6-DIDEOXY-D-RIBO-HEXOPYRANOSYLIDENE- (1-3-4)-O-2,6-DIDEOXY-3-C-METHYL-beta-D-ARABINO-HEXOPYRANOSYL-(1-3)-O-6-DEOXY-4-O-METHYL- beta-D-GALACTOPYRANOSYL-(1-4)-2,6-DI-O-METHYL-

UPDT:8402 CAS: 39340-46-0 MW: 1537.56 MOLFM: C66-H99-Cl2-N-O35

SYN: EVERNINOMICIN D

TOXICITY DATA AND REFERENCES:

*	ims-rat LD50:400 mg/kg	85ERAY 1,208,78
*	orl-mus LD50:3750 mg/kg	85ERAY 1,208,78
*	ipr-mus LD50:3750 mg/kg	85ERAY 1,208,78
*	scu-mus LD50:3750 mg/kg	85ERAY 1,208,78
*	ivn-mus LD50:125 mg/kg	85ERAY 1,208,78
*	ims-dog LD50:140 mg/kg	85ERAY 1,208,78
*	ims-rbt LD50:300 mg/kg	85ERAY 1,208,78

MANNOPYRANOSIDE, SCILLARENIN-3 6-DEOXY-4-O-beta-D-GLUCOPYRANOSYL-, alpha-L- see: EI3325000

MANNOPYRANOSIDE, STROPHANTHIDIN-3 6-DEOXY-, alpha-L- see: GL4025000

MANNOPYRANOSIDE, STROPHANTHIDOL-3 6-DEOXY-, alpha-L- see: FH4900000

D-MANNOSAMINE see: OP4080000

MANNOSULFAN see: OP3605000

D-MANNURONIC ACID ISONICOTINYL HYDRAZONE see: NS1752400 ISONICOTINIC ACID HYDRAZIDE,HYDRAZONE with D-MANNURONIC ACID

D-MANNURONOLACTONE ISONICOTINYL HYDRAZONE see: NS1752600 ISONICOTINIC ACID HYDRAZIDE,HYDRAZONE with D-MANNURONIC ACID LACTONE

MANOC see: OP0891500

MANOLENE 6050 see: TQ3325000

MANOSEB see: ZB3200000

MANOXAL OT see: WN0525000

MANOXOL OT see: WN0525000

MANSIL see: VC0340000

MANTADAN see: AU4375000

MANTADIX see: AU4375000

MANTHELINE see: BP7632500

MANTOMIDE see: AB6551000
MANUCOL see: AZ5820000
MANUCOL DM see: AZ5820000
MANUCOL KMF see: AZ5820000
MANUCOL SS/LD2 see: AZ5820000
MANUFACTURED IRON OXIDES see: NO7400000
MANUGEL F 331 see: AZ5820000
MANUTEX see: AZ5820000
MANUTEX F see: AZ5820000
MANUTEX RS see: AZ5820000
MANUTEX RS 1 see: AZ5820000
MANUTEX RS-5 see: AZ5820000
MANUTEX SA/KP see: AZ5820000
MANUTEX SH/LH see: AZ5820000
MANVENE see: KG7550000
MANZATE see: OP0700000
MANZATE 200 see: OP0700000
MANZATE 200 see: ZB3200000
MANZATE D see: OP0700000
MANZATE MANEB FUNGICIDE see: OP0700000
MANZEB see: ZB3200000
MANZEB see: OP0700000
MANZIN see: OP0700000
MANZIN 80 see: ZB3200000
MAOA see: VA3850000
MAOH see: SA7350000
MAOLATE see: EZ2975000
MAO-REM see: MV8750000
MAP see: TU5010000
4M2AP see: TJ5150000
MAPHARSAL see: SJ5600000
MAPHARSEN see: SJ5600000
MAPHARSIDE see: SJ5600000
MAPHENIDE ACETATE see: XT5250000
4M2AP HYDROCHLORIDE see: TJ5363000
MAPLE AMARANTH see: QJ6550000
MAPLE BRILLIANT BLUE FCF see: BQ4550000
MAPLE ERYTHROSINE see: LM5950000
MAPLE INDIGO CARMINE see: DU3000000
MAPLE LACTONE see: GY7298000
MAPLE PONCEAU 3R see: QJ6650000
MAPLE PONCEAU SX see: QK2705000
MAPLE SUNSET YELLOW FCF see: QK2450000
MAPLE TARTRAZOL YELLOW see: UQ6400000
MAPO see: SZ1925000
MAPOLOSE M25 see: FJ5959000
MAPOLOSE 60SH50 see: FJ5959000
MAPOSOL see: FC2100000
MAPP see: UK4920000

OP7140000 MAPPIA FOETIDA Miers, extract excluding roots
DEF:Indian plant belonging to the family ICACINACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: AMRUD EXTRACT
TOXICITY DATA AND REFERENCES:
2U26V30 ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

MAPROBIX NEU see: WT1050000
MAPROFIX 563 see: WT1050000
MAPROFIX ES see: WB7350000
MAPROFIX ESY see: WB7350000
MAPROFIX 60S see: WB7350000
MAPROFIX TLS see: WT1000000
MAPROFIX TLS 65 see: WT1000000
MAPROFIX TLS 500 see: WT1000000
MAPROFIX WAC-LA see: WT1050000

OP7715000 MAPRONEA AFRICANA Mull. Arg., extract
DEF:African plant belonging to the family EUPHORBIACEAE (TOERD9 1,329,78)
UPDT:8306
TOXICITY DATA AND REFERENCES:
3J16J22K30 ipr-mus LD50:1940 mg/kg TOERD9 1,329,78

MAPROTILINE HYDROCHLORIDE see: KJ4555000

OP7762000 MAPROUNEA MEMBRANACEA, root bark extract
DEF:African plant belonging to the family EUPHORBIACEAE (TOERD9 1,329,78)
UPDT:8306
TOXICITY DATA AND REFERENCES:
3J16J22K30 ipr-mus LD50:5500 mg/kg TOERD9 1,329,78

MAPTC see: GD7478000
MARALATE see: KJ3675000
MARANHIST see: UT0875000
MARANTA see: GM5090000

OP7879000 MARANTA LEUCONEURA Merr. var KERCHOVEANA, leaf extract
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:30 gm/kg JTEHD6 1,939,76

MARANYL F 114 see: TQ9800000
MARANYL F 124 see: TQ9800000
MARANYL F 500 see: TQ9800000

OP8050000 MARASMIC ACID
UPDT:8312 CAS: 2212-99-9 MW: 276.36 MOLFM: C16-H20-O4
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/disc JANTAJ 36,155,83
dni-omi 100 mg/L JANTAJ 36,155,83
dni-mus:ast 3 mg/L JANTAJ 36,155,83
oms-mus:ast 3 mg/L JANTAJ 36,155,83
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:25 mg/kg 85GDA2 6,113,81

MARASMIC ACID METHYL ESTER see: GZ2240000

OP8066000 MARASPERSE CB
UPDT:8411 CAS: 39372-10-6
TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:500 mg/kg JAPMA8 45,685,56

MARATAN see: DM3325000
MARAZINE see: TL6475000
MAR BATE see: TZ0175000
MARBLE see: EV9580000
MARBON 301 see: AT6970000
MARBON 401 see: AT6970000
MARBON 9200 see: WL6478000
MARBON 8000A see: WL6478000
MARBON E 1000 see: AT6970000
MARBON EPA 3530 see: AT6970000
MARBON TP 2098 see: AT6970000
MARCAIN see: TK6125000
MARCELLOMYCIN see: QI9279100
MARETIN see: QK5775000
MAREVAN see: GN4725000
MAREVAN (SODIUM SALT) see: GN4725000
MAREX see: TL1970000

OP8905000 MAREYA MICRANTHA Mull. Arg., extract
DEF:African plant belonging to the family EUPHORBIACEES (TOERD9 1,329,78,
UPDT:8306
TOXICITY DATA AND REFERENCES:
3J16J22K30 ipr-mus LD50:5 gm/kg TOERD9 1,329,78

MAREZINE see: TL6475000
MAREZINE HYDROCHLORIDE see: TL6560000
MARFOTOKS see: FB3850000
MAR-FRIN see: GN4550000
MARGARIC ACID see: MI3850000
MARGASPIDIN see: EU5200000
MARGASPIDIN BB see: EU5200000
MARGASPINDIN see: EU5200000
MARGONIL see: TZ0175000
MARGONOVINE see: KE5075000
MARIA CONGO see: LX8450100
MARICAINE see: AN7525000
MARIHUANA see: EX6300000
MARIJUANA see: EX6300000

OP9478000 MARIJUANA, SMOKE RESIDUE
UPDT:8303
SYN: CANNABIS SMOKE RESIDUE
MUTATION DATA AND REFERENCES:
dnd-esc 10 ppm MUREAV 89,95,81
TUMORIGENIC DATA AND REFERENCES:
3V03P01V10 scu-rat TDLo:11640 mg/kg/18D-I VHTODE 21(Suppl),148,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MARINOBUFAGIN see: EI2963000
MARINOBUFOGENIN see: EI2963000
MARINOL see: BO3150000
MARISILAN see: XH8350000

OP9700000 MARJORAM OIL, SPANISH
UPDT:8305 CAS: 8015-01-8
SYN: OIL of MARJORAM, SPANISH * SPANISH MARJORAM OIL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,467,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OP9750000 MARJORAM OIL, SWEET
DEF:Main constituents include TERPINENE and TERPINEOL; found in the plant MARJORANA HORTENSISMOENCH (ORIGAMUM MARJORANA L.; Fam LABIATAE); prepared by steam distillation of the leavesof the plant (FCTXAV 14,443,76)
UPDT:8305
SYN: OIL of MARJORAM, SWEET * SWEET MARJORAM OIL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2240 mg/kg FCTXAV 14,469,76

MARKING NUT extract see: VT2770000
MARKS 4-CPA see: AG0175000
MARLATE see: KJ3675000
MARLEX 9 see: TQ3325000
MARLEX 50 see: TQ3325000
MARLEX 60 see: TQ3325000
MARLEX 960 see: TQ3325000
MARLEX 6003 see: TQ3325000
MARLEX 6009 see: TQ3325000
MARLEX 6015 see: TQ3325000
MARLEX 6050 see: TQ3325000
MARLEX 6060 see: TQ3325000
MARLEX 9400 see: UD1842000
MARLEX EHM 6001 see: TQ3325000
MARLEX HGH 050-01 see: UD1842000
MARLEX M 309 see: TQ3325000
MARLEX TR 704 see: TQ3325000
MARLEX TR 880 see: TQ3325000
MARLEX TR 885 see: TQ3325000
MARLEX TR 906 see: TQ3325000
MARLIPAL 1217 see: MD0875000
MARLON AS 8 see: DB6600000
MARLOPHEN 820 see: MD0907700
MAPMAG see: OM3850000
MARMELOSIN see: LV1575000
MARMER see: YS8925000
MARMIX 16123 see: AT6970000
MARNITENSION SIMPLE see: ZG0350000
MAROXOL-50 see: SL2800000
MARSALID see: NS1925000
MARS BROWN see: NO7400000

OQ0745000 MARSDENIA LUCIDA Edgew. ex Madden, extract excluding roots
DEF:Indian plant belonging to the family ASCLEPIADACEAE (IJEBA6 11,43,73)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:188 mg/kg IJEBA6 11,43,73

MARSHAL see: EZ3815000
MARSH GAS see: PA1490000

OQ0761000 MARSH ROSEMARY
DEF:TANNIN containing extract of root (JNCIAM 57,207,76)
UPDT:8401
SYN: LIMONIUM NASHII * TANNIN from LIMONIUM NASHII * TANNIN from MARSH ROSEMARY
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:530 mg/kg/66W-I JNCIAM 57,207,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OQ0761500 MARSILEA MINUTA Linn., extract
DEF:Indian plant belonging to the family MARSILEACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: SUSANI SAK EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:70 mg/kg IJEBA6 12,512,74

MARSILID see: NS1925000
MARSIN see: QE6650000
MARS RED see: NO7400000
MARSTHINE see: UY0704600

MARTINAL see: BD0940000
MARTIN'S MAR-FRIN see: GN4550000
MARTOXIN see: BD1200000
MARTRATE-45 see: RZ2620000
MARTRICIN see: YP2973000

OQ0778000 MARTYNIA ANNUA Linn., seed extract
DEF:Indian plant belonging to the family MARTYNIACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: BAGHNAKH SEED EXTRACT
TOXICITY DATA AND REFERENCES:
3D35H30J30 ipr-mus LD50:100 mg/kg IJEBA6 7,250,69

MARUCOTOL see: AG0440000 ACETIC ACID, (p-CHLOROPHENOXY)-, 2-DIMETHYLAMINOETHYL ESTER,HYDROCHLORIDE
MARVEX see: TC0350000
MARVINAL see: KV0350000
MARVINOL see: KV0350000
MARVINOL 14 see: KV0350000
MARVINOL 53 see: KV0350000
MARVINOL 57 see: KV0350000
MARVINOL 7080 see: KV0350000
MARVINOL VP 56 see: AK0950000
MARVINOL VR 50 see: KV0350000
MARVINOL VR 53 see: KV0350000
MARYGIN-M see: BP0693200
MARZIN see: ZB3200000
MARZINE see: TL6475000
MAS see: CH7000000
MAS 111 see: GU3514100
MAS 695 see: GU3514700
MAS 698 see: GU3560870
MAS 723 see: GU3515000
MAS 726 see: GU3514800
MAS 741 see: GU3514900
MAS 763 see: GU3514300
MAS 795 see: GU3514500
MAS 805 see: GU3514200
MAS 844 see: GU3514400
MASCAGNITE see: BS4500000
MASDIOL see: BV8100000
MASELNAN DI-n-BUTYLCINICITY (Czech) see: WH7070000
MASENATE see: XA3115000
MASENONE see: BV8400000
MASEPTOL see: DH2450000
MASLETINE see: UY0704600
MASOTEN see: TA0700000
MASPOSOL see: FC2100000
MASSICOT see: OG1750000
MASSICOTITE see: OG1750000
MASTESTONA see: BV8400000
MASTIPHEN see: AB6825000

OQ1265000 MASTIXIA PENTANDRA Bl., extract excluding roots
DEF:Indian plant belonging to the family CORNACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:94 mg/kg IJEBA6 15,208,77

MASTOFURAN see: LT7700000
MASUR SEED EXTRACT (Indian) see: OG9160000

OQ1410000 MASWIN
DEF:Tablets prepared from the aqueous extract of the berries of EMBELIA RIBES and claimed to be an oral contraceptive in India (JRIMAO 6,107,71)
UPDT:8303
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-wmn TDLo:80 mg/kg (10D pre) JRIMAO 6,107,71
1T24 orl-rat TDLo:2 gm/kg (1-5D preg) JRIMAO 6,107,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MA 144T1 see: QI9279400
MATACIL see: FC0175000
MATANISOL ISOBUTYRATE see: OQ2291000
MATANOL see: UW5969200
MATAVEN see: UQ9820000
MATCH see: EC1490000
MATHE see: ZH5200000
MATHESON 466 see: GL7350000
MATRICARIA CAMPHOR see: EX1225000
MATRIDIN-15-ONE see: OQ1754000

OQ1754000 MATRINE
UPDT:8308 CAS: 519-02-8 MW: 248.41 MOLFM: C15-H24-N2-O
SYN: MATRIDIN-15-ONE * (+)-MATRINE * alpha-MATRINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:150 mg/kg 85GDA2 8(1),219,82

(+)-MATRINE see: OQ1754000
alpha-MATRINE see: OQ1754000
MATSUTAKE ALCOHOL (Japanese) see: PH3300000
MATTING ACID (DOT) see: WS5600000
MATULANE see: XS4550000
MATULANE see: XS4725000
MAURYLENE see: UD1842000
MAUWA EXTRACT (Indian) see: JZ4750000
MAVERAN see: GN4550000
MAVISERPIN see: ZG0350000
MAVMA STEM BARK EXTRACT (Indian) see: JZ4770000
MAXATASE see: CO9550000
MAXIBALIN see: RC8961100
MAXIBOLIN see: RC8961100
MAXIDEX see: TU3980000
MAXIFEN see: XH8450000
MAXINUTRIL see: RZ2490000
MAXITATE see: OP3000000
MAXITON see: SI1400000
MAXITON see: SI1770000
MAXITON SULFATE see: SI1400000
MAXULVET see: WO9030000
M. A. YATESI VENOM see: YX3970000
MAY & BAKER S-4084 see: TF7600000
MAYDOL see: GM4800000
MAYSERPINE see: ZG0350000
MAYT see: OQ2290000

OQ2290000 MAYTANSINE
UPDT:8403 CAS: 35846-53-8 MW: 678.27 MOLFM: C34-H46-Cl-N2-O10
SYN: MAITANSINE * MAYT * NSC-153858
MUTATION DATA AND REFERENCES:
dni-nml:emb 60 nmol/L SCIEAS 189,1002,75
dni-nml:emb 60 nmol/L SCIEAS 189,1002,75
dni-nml:emb 60 nmol/L SCIEAS 189,1002,75
dni-mus:leu 100 nmol/L BCPCA6 24,751,75
oms-mus/ast 100 ug/kg JNCIAM 60,649,78
cyt-mus/ast 100 ug/kg JNCIAM 60,649,78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T35T46 ipr-mus TDLo:200 ug/kg (7D preg) BIHAA2 43,495,76
3T41T42T43 ipr-mus TDLo:200 ug/kg (7D preg) BIHAA2 43,495,76
1T53 ipr-mus TDLo:200 ug/kg (7D preg) BIHAA2 43,495,76
1T33 ipr-mus TDLo:250 ug/kg (8D preg) TJADAB 18,31,78
TOXICITY DATA AND REFERENCES:
3F08F17K13 ivn-hmn TDLo:190 ug/kg/5D JNCIAM 60,93,78
scu-rat LD50:480 mg/kg CTRRDO 61,1333,77
3P14P17R21 ivn-mus LD50:1530 ug/kg NTIS** PB82-165507
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OQ2291000 MAYTANSINE, 2'-DE(ACETYLMETHYLAMINO)-2'-METHYL-
UPDT:8306 CAS: 66584-72-3 MW: 635.22 MOLFM: C32-H43-Cl-N2-O9
SYN: ANASAMITOCIN P-3 * ANTIBIOTIC C 15003P3 * C 15003P3 * 2'-DE(ACETYLMETHYLAMINO)-2'-METHYLMAYTANSINE * MATANISOL ISOBUTYRATE
MUTATION DATA AND REFERENCES:
dni-mus:fbr 1700 nmol/L CNREA8 40,1707,80
oms-mus/ast 1 ug/kg CNREA8 40,1707,80
cyt-mus/ast 4 ug/kg CNREA8 40,1707,80

OQ2292400 MAYTANSINE, 3-DE(2-(ACETYLMETHYLAMINO)PROPIONYLOXY)-N-DEMETHYL-3-HYDROXY-, 3-ACETATE
UPDT:8308 MW: 593.13 MOLFM: C29-H37-Cl-N2-O9
SYN: 3-ACETYL-N-DEMETHYLMAYTANSINOL * C-15003 PND-1 * 3-DE(2-(ACETYLMETHYLAMINO)PROPIONYLOXY)-N-DEMETHYL-3-HYDROXYMAYTANSINE 3-ACETATE
TOXICITY DATA AND REFERENCES:
* ipr-mam LDLo:2500 ug/kg JANTAJ 35,82-54,82

OQ2292440 MAYTANSINE, 3-DE(2-(ACETYLMETHYLAMINO)PROPIONYLOXY)-N-DEMETHYL-3-HYDROXY-, 3-ISOBUTYRATE
UPDT:8308 MW: 621.19 MOLFM: C31-H41-Cl-N2-O9
SYN: C-15003 PND-3 * 3-DE(2-(ACETYLMETHYLAMINO)PROPIONYLOXY)-N-DEMETHYL-3-HYDROXYMAYTANSINE 3-ISOBUTYRATE * N-DEMETHYLANSAMITOCIN P-3
TOXICITY DATA AND REFERENCES:
* ipr-mam LDLo:2500 ug/kg JANTAJ 35,82-54,82

OQ2292460 MAYTANSINE, 3-DE(2-(ACETYLMETHYLAMINO)PROPIONYLOXY)-N-DEMETHYL-3-HYDROXY-, 3-ISOVALERATE
UPDT:8310 MW: 635.22 MOLFM: C32-H43-Cl-N2-O9
SYN: C-15003 PND-4 * 3-DE(2-(ACETYLMETHYLAMINO)PROPIONYLOXY)-N-DEMETHYL-3-HYDROXYMAYTANSINE 3-ISOVALERATE * N-DEMETHYLANSAMITOCIN P-4
TOXICITY DATA AND REFERENCES:
* ipr-mam LDLo:2500 ug/kg JANTAJ 35,82-54,82

OQ2292480 MAYTANSINE, 3-DE(2-(ACETYLMETHYLAMINO)PROPIONYLOXY)-N-DEMETHYL-3-HYDROXY-, 3-PROPIONATE
UPDT:8308 MW: 607.16 MOLFM: C30-H39-Cl-N2-O9
SYN: C-15003 PND-2 * 3-DE(2-(ACETYLMETHYLAMINO)PROPIONYLOXY)-N-DEMETHYL-3-HYDROXYMAYTANSINE 3-PROPIONATE * 3-PROPIONYL-N-DEMETHYLMAYTANSINOL
TOXICITY DATA AND REFERENCES:
* ipr-mam LDLo:2500 ug/kg JANTAJ 35,82-54,82

OQ2295000 MAYTANSINE, 3-DE(2-(ACETYLMETHYLAMINO)PROPIONYLOXY)-3-HYDROXY-, ISOVALERATE (ester)
UPDT:8307 MW: 649.25 MOLFM: C33-H45-N2-O9-Cl
SYN: ANSAMITOCIN P-4 * C-15003 P-4 * 3-DE(2-(ACETYLMETHYLAMINO)PROPIONYLOXY)-3-HYDROXYMAYTANSINE ISOVALERATE (ester) * MAYTANSINOL ISOVALERATE
MUTATION DATA AND REFERENCES:
oms-mus/ast 1 ug/kg CNREA8 40,1707,80
cyt-mus/ast 4 ug/kg CNREA8 40,1707,80
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:625 ug/kg JANTAJ 31,78-143,78

MAYTANSINOL ISOVALERATE see: OQ2295000
MAYTENIN see: LS6872000

OQ2299000 MAYTENUS WIGHTIANA C.R. Babu, extract excluding roots
DEF:Indian plant belonging to the family CELASTRACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
3M10U26V30 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

2-MAYTHIC ACID see: QL1050000
MAYVAT GOLDEN YELLOW see: HO7030000
MAZATICOL HYDROCHLORIDE see: MC5403000
MAZEPTYL see: SP5400000
MAZOLA OIL see: GM4800000
MAZOTEN see: TA0700000

OQ2326500 MAZUS SURCULOSUS D. Don., extract
DEF:Indian plant belonging to the family SCROPHULARIACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2M10N22 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

MAZZ EXTRACT (Indian) see: AY8932200
MB see: PA4900000
M & B 25-105 see: AF7479000
M+B 693 see: DA9625000
M+B 760 see: WP2360000
M & B 800 see: CV6500000
M & B 2024 see: UY4430000
MB 2878 see: ES9275000
M&B 3046 see: ES8750000
M & B 3844 see: AB6551000
M&B 8873 see: DI4025000
MB 9057 see: FD1190000
MB 10064 see: DI3150000
M&B 10,064 see: DI3150000
M&B39565 see: NJ5927000
MBA see: IA1750000
MB 2050A see: UY4900000
M & B 5062A see: FE0200000
M&B 17,803A see: ES5235000
7-MBA see: CX1575000
7-MBA 3,4-DIHYDRODIOL see: CW1796000
MBA HYDROCHLORIDE see: IA2100000
MBAO see: IA2200000
MBC see: DD6475000
MBC see: DD6500000
MBC 33 see: PB6325000
M-B-C FUMIGANT see: PB6325000

MBC-P see: EY8592000
MBCP see: TB1720000
MBDZ see: EY86C0000
MBH see: XS4725000
MBK see: MP1400000
MBK see: CK2450000
MBMA see: CB3315000
MPNA see: EO5425000
MBOCA see: CY1050000
MBP see: TI2475000
MBR 6'58 see: FC1050000
MBR 82:1 see: PB0480000
MBR 12325 see: AE2460000
MBR 3092-42 see: UU6855600
MBT see: DL6475000
MBTS see: DL4550000
MBTS RUBBER ACCELERATOR see: DL4550000
MBX see: PA4900000
MBY see: ES0810000
MC see: FZ3675000
MC see: OV9100000
3-MC see: FZ3675000
6-MC see: GN7792000
20-MC see: FZ3675000
2M-4C see: AG1575000
MC 25 see: MF3624000
MC-327 see: TA7400000
MC 338 see: KO2700000
MC 474 see: FB3850000
MC-740 see: EZ9010000
MC 1053 see: FF9100000
MC 1108 see: SK0175000
MC 1415 see: TY5250000
MC 1478 see: KO2700000
MC 1488 see: AF7175000
MC 1945 see: JF7350000
MC 2188 see: TD5170000
MC 2303 see: TZ1225000
MC 2303 see: FB2710000
MC 2420 see: TA7565000
MCA see: FZ3675000
MCA see: AF8575000
3-MCA see: FZ3675000
MCA-600 see: FB4725000
MC-916-A see: UY8546000
MCA EPOXIDE see: FZ4037000
MCA-11,12-EPOXIDE see: FZ4040000
MCA-11,12-OXIDE see: FZ4040000
M. CARINICAUDUS DUMERILII VENOM see: YX3963600
MCB see: CZ0175000
4-(MCB) see: ES8575000
MCC see: FD8750000
MC DEFOLIANT see: FO0175000
MC 1415 DIHYDROCHLORIDE see: MC0680000
MC 11,12-DIHYDRODIOL (E) see: FZ3470000

OQ5980000 MCD PEPTIDE
DEF:Obtained from bee venom (TOXIA6 22,308,84)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg TOXIA6 22,308,84
* ice-mus LD50:6800 ng/kg TOXIA6 22,308,84

MCE see: TB4550000
MCF see: FG3675000
2M-4CH see: AG1575000
MCH 52 see: YU1610000
MCHP see: TI2490000
AMCILL-S see: XH8400000
MCIT see: FI1400000
MCN-485 see: DM4550000
MCN 1025 see: RB8750000
MCN 2559 see: UX9287000
MCN-3113 see: YT8850000
MCN 2783-21-98 see: UX9277000
MCN A-343 see: BR0318000
McN-67-A-11 see: DI0320000
MCN A-343 CHLORIDE see: BR0318000
MCNAMEE see: GF1670500
MCN-JR-2498 see: EU3500000
MCN-JR-3345 see: DW1050000
McN-JR 4263 see: UE5600000
MCN-JR-4584 see: DE1925000
MCN-JR-4749 see: DE2100000
McN-JR-6238 see: DE1750000
MCN-JR-8299 see: NJ5950000
McN-JR-16,341 see: TN6957000
MCN-JR-4263-49 see: UE5600000
MCO 8000 see: FJ5959000
M1 (COPPER) see: GL5325000
M2 (COPPER) see: GL5325000
M3 (COPPER) see: GL5325000
M4 (COPPER) see: GL5325000
MCP see: AG1575000
MC 4000 cP see: FJ5959000
2M-4CP see: UE9750000
MCPA see: AG1575000
2,4-MCPA see: AG1575000
MCPABN see: ET4210000
MCPA BUTYL see: AG1780000
MCPA-DICAMBA mixt. see: DG7506000
MCPA DIETHANOLAMINE SALT see: AG2275000
MCPA Na SALT see: AG2625000
MCPA SODIUM SALT see: AG2625000
MCPB see: ES8575000
MCPB see: ES8750000
gamma-MCPB see: ES8575000
2,4-MCPB see: ES8575000
4MCPB see: ES8575000
MCPB-ETHYL see: ES8600000
MCP-BUTYRIC see: ES8575000
4-(MCPD) see: ES8750000
MCPP see: UE9750000
2-MCPP see: UE9750000
MCPP-D-4 see: UE9750000
MCPP 2,4-D see: UE9750000
MCPP-K-4 see: UE9750000
MCPP POTASSIUM SALT see: UF0250000
MCR see: OM0550000
MC 20000S see: FJ5959000
MCT see: GO7105000
MCT see: OO9720000
MCT see: YJ7700000
MCZ NITRATE see: NI4771000
MDi 193 see: DK9610000
L-(alpha-MD) see: AY5950000
10-MD see: ZG0525000
MD(sub 1) 84 see: GY5840000
MD 141 see: DB6145000
MD 2028 see: EU3640000
2028 MD see: EU3640000
5579 MD see: BP0693200
MD 67350 see: TM2785100
68111 M.D. see: TK7850000
MD 780515 see: DI4710000
MDA see: BY5425000
MDA see: VO4700000
(+-)-MDA see: SI0590000
(R)-MDA see: SI0592000
(S)-MDA see: SI0593000
MDAB see: BX82500C0
3'-MDAB see: BX8250000
3'-Me-DAB see: BX8250000
MDBA see: DG7525000
MD BACITRACIN see: CP0749000
MDBCP see: TX4600000 PROPANE, 3-CHLORO-1,2-DIBROMO-2-METHYL-
MDE see: QE3680600
M-DET see: XS3675000
MDI see: NQ9350000
MDI-PC see: XH8925000
M-DIPHAR see: OP0700000
MASCHITT see: DK9100000
2-ME see: KL5600000
'OME see: AK0950000
ME 108 see: FD3912000
ME 277 see: KE5425000
ME-1700 see: KI0700000
MEA see: KJ0175000
MEA see: KJ5775000
MEA see: KJ0200000
erythro-MEA see: SL4375900
threo-MEA see: SL4375910
MEAD JOHNSON 1999 see: PB0826000
MEADOW GREEN see: GL6475000
((2-ME-ALA)(sup 6))-LHRH see: OK6580000
((2-ME-ALA)(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6580000
ME-AMINO-alpha-CARBOLINE see: UU9354380
MEARLITE see: EB2700000
MEARLMAID see: MF8260000
MEASURIN see: VO0700000
MEAVERIN see: TK6475000
MEB see: OP0700000
MEB 6447 see: EL7100000
MEBACID see: WP0750000
MEBADIN see: JY5095000
MEBALLYMAL see: CP94:0000
MEBALLYMAL SODIUM see: CP9800000
MEBANAZINE see: MV5650000
MEBANE SODIUM SALT see: GW4500000
MEBENDAZOLE see: EY8600000
MEBICHLORAMINE see: IA2100000
MEBR see: PA4900000
ME4 BROMINA' see: DI3150000
MEBRON see: UV9290000 PYRIMIDINE, 4-METHOXY-2-(5-METHOXY-3-METHYL-1H-PYRAZOL-1-YL)-6-METHYL
MEBROPHENHYDRAMINE see: KQ8400000
MEBROPHENHYDRAMINE HYDROCHLORIDE see: KQ8400000
MEBRYL see: KQ8400000
MEBUBARBITAL see: CQ5775000
MEBUBARBITAL see: CQ6125000
MEBUBARBITAL SODIUM see: CQ6125000
MEBUMAL NATRIUM see: CQ6125000
MEBUMAL SODIUM see: CQ6125000
MEC see: UG3200000
MECADOX see: FE2779000
MECALMIN see: TM4970500
MECap see: MO7804000
MECARBAM see: FB3850000
MECAROL see: SC4900000
MECARPHON see: TA7565000
MECB see: KL6125000
ME-CCNU see: YS5000000
MECHLORETHAMINE see: IA1750000
MECHLORETHAMINE HYDROCHLORIDE see: IA2100000
MECHLORETHAMINE OXIDE see: IA2200000
MECHLORETHAMINE OXIDE HYDROCHLORIDE see: IA2275000
MECHOLIN see: BR5200000
MECHOLINE see: BR5200000
MECHOLYL see: BR5200000
MECICLIN see: QI7700000
MECILLINAM see: XI0185000
MECLASTINE HYDROGEN FUMARATE see: UY0704600
MECLIZINE see: TL1970000
MECLIZINE HYDROCHLORIDE see: TL2050000
MECLOCICLINA (Italian) see: QI7830000
MECLOCYCLINE see: QI7830000
MECLOFENAMIC ACID see: CB2900000
MECLOFENOXANE see: AG0430000
MECLOFENOXATE see: AG0430000
MECLOFENOXATE HYDROCHLORIDE see: AG0440000

MECLOPHENAMIC ACID see: CB2900000
MECLOPHENOXATE see: AG0430000
MECLOPHENOXATE HYDROCHLORIDE see: AG0440000
MECLOZINE see: TL1970000
MECLOZINE HYDROCHLORIDE see: TL2050000
MECODIN see: MJ5950000
MECODRIN see: SI1750000
MECODRIN see: SH9450000
MECOMEC see: UE9750000

OR3900000 MECOPAR
DEF:A mixture of DIETHANOLAMINE SALT of MCPP 30.1% and DIETHANOLAMINESALT of 2,4-D 14.9%(FMCHA2 -,C148,83)
UPDT:8309
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1900 mg/kg FMCHA2 -,C148,83

MECOPEOP see: UE9750000
MECOPER see: UE9750000
MECOPEX see: UE9750000
MECOPEX see: UF0250000
MECOPROP see: UE9750000
MECOPROP DIETHANOLAMINE SALT see: UF0175000
MECOPROP POTASSIUM SALT see: UF0250000
MECOPROP SODIUM SALT see: UF0350000
MECOTURF see: UE9750000
MECPROP see: UE9750000
MECRAMINE see: KJ0175000
MECRILAT see: AS7000000
MECROTHENE F see: TQ3325000
MECRYL see: AR7875000
MECRYLATE see: AS7000000
MECS see: KL5775000
MeCsAc see: KL5950000
2-MeDAB see: XU5950000
MEDAMYCIN see: QI9100000
MEDAPAN see: CQ2450000
MEDAPSOL see: BY8440000
MEDARON see: RQ3675000
MEDARSED see: CQ1750000
MEDAZEPAM see: DE9070000
MEDAZEPOL see: DE9070000
MEDEMANOL see: OP3000000
MEDEMYCIN see: OH4730600
MEDEX see: SI1400000
MEDFALAN see: AY3370000
MEDIAMID see: QS4375000
MEDIAMYCETINE see: AB6825000
MEDIATONAL see: BR6525000
MEDIBEN see: DG7525000

OR6400000 MEDICAGO HISPIDA Gaertn., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 11,43,73)
UPDT:8302
SYN: MAINA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 11,43,73

OR6420000 MEDICAGO SATIVA
UPDT:8406
SYN: LUCERNE * LUZERNE (French)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T03 par-rat TDLo:10 gm/kg (5D male) ANENAG 29,699,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MEDICAINE see: DG4725000
MEDI-CALGON see: OY3675000
MEDICEL see: WP0400000
MEDICON see: QD0222000
MEDIDRYL see: KR6825000
MED' EXTRACT (Indian) see: GQ9470000
MEDWENAC see: AF2100000
MEDIFLAVIN see: AR9660000
MEDIFOXAMINE see: AB2825300
MEDIFURAN see: RQ3620000
MEDIGOXIN see: FH5310000
MEDIGOXIN see: FH4920605
MEDIHALER-EPI see: DO2625000
MEDIHALER-EPI see: DO3500000
MEDIHALER-ISO see: DO2273000
MEDIHALER-TETRACAINE see: DG4725000
MEDINAL see: CQ3850000
MEDINOTERB ACETATE see: AF7175000
MEDIOCONTRIX see: NT1987000
MEDIQUIL see: FB3325000
MEDIREX see: AI4200000
MEDITRENE see: VC2800000
MEDIUM BLUE EMBL see: QJ6300000
MEDOMET see: AY5950000
MEDOMIN see: CQ2450000
MEDOMINE see: CQ2450000
MEDOMIN SODIUM see: CQ2455000
MEDOPAQUE see: MR8162000
MEDOPREN see: AY5950000
MEDPHALAN see: AY3370000
MEDROGESTERONE see: TU3832300
MEDROGESTONE see: TU3832300
MEDROGLUTARIC ACID see: MA3753000
MEDROL see: TU4146000
MEDROL ADT PAK see: TU4146000
MEDROL DOSEPAK see: TU4146000
MEDRONE see: TU4146000
MEDROSTERON see: BV8060020
MEDROXYACETATE PROGESTERONE see: TU5010000
MEDROXYPROGESTERON see: TU5300000
MEDROXYPROGESTERONE see: TU5300000
MEDROXYPROGESTERONE ACETATE see: TU5010000
MEDROXYPROGESTERONE ACETATE mixed with ESTRADIOL CYPIONATE see: TU5010050
MEDROXYPROGESTERONE ACETATE and ESTRADIOL POLYPHOSPHATE see: TU5356000
MEDROXYPROGESTERONE ACETATE and ETHINYLESTRADIOL see: TU5010070
MEDULLIN see: UK8050000
MEE see: KG4050000
MeEHg see: OV6300000
MEETCO see: EL6475000
MEETHOBALM see: DG4725000
MEFEDINA see: NS5950000
MEFENAL see: WO9270000
MEFENAMIC ACID see: CB4550000
MEFENESINA see: TZ1225000
MEFENOXALONA see: RQ3500000
MEFENOXALONE see: RQ3500000
MEPENSINA see: TZ1225000
MEFENTERDRIN see: SI3675000
MEFENTERMIN see: SI3675000
MEFLUIDIDE see: AE2460000
MEFOXIN see: XI0330500
MEFOXITIN see: XI0330500
MEFURINA see: LV1050000
M.E.G. see: KW2975000
MEGABION see: GG3750000
MEGABION see: BV8100000
MEGABION (Indian) see: GG3750000
MEGABION (JAPANESE) see: BV8100000
MEGACE see: TU4075000
MEGACILLIN ORAL see: XH9275000
MEGACILLIN SUSPENSION see: XH9425000
MEGACILLIN TABLETS see: XH9700000
MEGACORT see: TU4056000
MEGADIURIL see: DK9100000
MEGAGRISEVIT see: BV8380900 ANDROST-4-EN-3-ONE, 4-CHLORO-17-beta-HYDROXY-, ACETATE

OR8746830 MEGALOMICIN A, 4(sup A)-ACETATE
UPDT:8310 CAS: 49669-75-2 MW: 919.30 MOLFM: C46-H82-N2-O16
SYN: 4'-ACETYLMEGALOMICIN A * ANTIBIOTIC XK 4181 * MEGALOMICIN B * MEGALOMYCIN B * W-847-B * XK-41-B1
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg 85GDA2 2,63,80

MEGALOMICIN B see: OR8746830

OR8747400 MEGALOMICIN COMPLEX
DEF:isolated from fermentation broths of two strains of MICROMONOSPORA MEGALOMICEA and composedof four major components, A,B,C1,C2 (AACHAX -,260,68)
UPDT:8312
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:350 mg/kg AACHAX -,260,68

MEGALOMYCIN B see: OR8746830
MEGALOVEL see: GG3750000
MEGAMYCINE see: QI9276000
MEGAPEN see: XH9450000
MEGAPHEN see: SN8925000
MEGAPHEN see: SO1750000
MEGASEDAN see: DE9070000
MEGATOX see: AC1225000
MEGESTROL ACETATE see: TU4075000
MEGESTROL ACETATE mixed with ETHINYLOESTRADIOL see: TU4140000
MEGESTROL ACETATE and TESTOSTERONE see: TU4140500
MEGESTRYL ACETATE see: TU4075000
MEGETHINYL see: TU4140000
MEGIMIDE see: MA4550000
MEGLUMINE ACETRIZOATE see: LZ4295880
MEGLUMINE AMIDOTRIZOATE see: LZ4315000
MEGLUMINE ANTIMONATE see: LZ4370000
MEGLUMINE CONRAY see: NT1981800
MEGLUMINE DIATRIZOATE see: LZ4315000
MEGLUMINE IOCARMATE see: LZ4365000
MEGLUMINE IODIPAMIDE see: LZ4297000
MEGLUMINE IOTHALAMATE see: NT1981800
MEGLUMINE IOTROXATE see: LZ4367500
MEGLUMINE ISOTHALAMATE see: NT1981800
6-ME-GLU-P-2 see: JM5620000
MEGLUTOL see: MA3753000
MEGUAN see: DU1800000
MEHENDI see: QL8200000
MEHP see: TI2500000
MEIDA see: KJ1940000
MEIKATEX 5000NG60 see: AK0920000
MEISEI ACEMYL DIAZO BLACK B see: BX5020000
MEISEI TERYL DIAZO BLACK CR see: BX5020000
MEISEI TERYL DIAZO BLUE HR see: DD0875000
MEK see: EL6475000
MEK-OXIME see: EL9275000
MEK PEROXIDE see: EL9450000
MEK PEROXIDE see: EL9470000
MELABON see: AM4375000
MELADININ see: LV1400000
MELADININE see: LV1400000
MELAFORTE see: AM4375000

OS0700000 MELAMINE
UPDT:8412 CAS: 108-78-1 MW: 126.15 MOLFM: C3-H6-N6
SYN: AERO * CYANURAMIDE * CYANUROTRIAMIDE * CYANUROTRIAMINE * CYMEL * NCI-C50715 * TR * 2,4,6-TRIAMINO-s-TRIAZINE * s-TRIAZINE, 2,4,6-TRIAMINO-
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H MOD 28ZPAK -,153,72
MUTATION DATA AND REFERENCES:
mnt-mus-orl 1 gm/kg ENMUDM 4,342,82
TUMORIGENIC DATA AND REFERENCES:
2V01M60 orl-rat TDLo:195 gm/kg/2Y-C TXAPA9 72,292,84
2V01M60 orl-rat TD :197 gm/kg/2Y-C NTPTR* NTP-TR-245,83
2V03M60 orl-rat TD :162 gm/kg/2Y-C TXAPA9 72,292,84
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3161 mg/kg TXAPA9 72,292,84
3D17F11J24 ipr-rat LDLo:3200 mg/kg 14CYAT 3,2769,82
* orl-mus LD50:3296 mg/kg TXAPA9 72,292,84
3D17F11J24 ipr-mus LDLo:800 mg/kg 14CYAT 3,2769,82
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ECIET* (1),-,83
STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NTPTR* NTP-TR-245,83)
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NTPTR* NTP-TR-245,83)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MELAMINE, HEXAKIS(HYDROXYMETHYL)- see: PC3700000

OS1050000 MELAMINE, HEXAMETHYL-
UPDT 8406 CAS: 645-05-6 MW: 210.33 MOLFM: C9-H18-N6
SYN: ENT 50852 * HEMEL * HEXAMETHYLMELAMINE * HMM * NCI-C50259 * NSC 13875 * s-TRIAZINE, 2,4,6-TRIS(DIMETHYLAMINO)- * 2,4,6-TRIS(DIMETHYLAMINO)-s-TRIAZINE

MUTATION DATA AND REFERENCES:

	sln-dmg-par 150 ppm	IMSUAI 38,442,69
	dlt-oin-par 5 mmol/L	MUREAV 4,255,67
	cyt-hmn:leu 250 umol/L	CHROAU 24,314,68
	cyt-rat-ipr 100 mg/kg	BJPCAL 6,357,51
	dnd-mam:lym 250 umol/L	CNREA8 43,500,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T02T23T25	orl-rat TDLo:1240 mg/kg (62D male)	TXAPA9 72,245,84
2T25T26	orl-rat TDLo:320 mg/kg (6-9D preg)	TXAPA9 72,245,84
1T34	orl-rat TDLo:320 mg/kg (9-12D preg)	TXAPA9 72,245,84
2T75T76	orl-rat TDLo:1160 mg/kg (15-22D preg/21D post)	TXAPA9 72,245,84
1T81	orl-rat TDLo:80 mg/kg (15-22D preg)	TXAPA9 72,245,84
1T34	orl-rbt TDLo:780 mg/kg (6-18D preg)	TXAPA9 72,245,84

TUMORIGENIC DATA AND REFERENCES:

3V02M61R60	orl-rat TDLo:7 gm/kg/46W-C	JNCIAM 51,403,73

TOXICITY DATA AND REFERENCES:

2K13P14	orl-hmn TDLO:8 mg/kg	CCROBU 56,505,72
	orl-rat LD50:350 mg/kg	85DZAJ -,315,68
	ipr-rat LD50:265 mg/kg	JPETAB 100,398,50
	orl-mus LD50:437 mg/kg	AIPTAK 160,83,66
2P13T26	ipr-mus LD10:300 mg/kg	CNREA8 40,2762,80
2G01L02	ivn-mus LD50:171 mg/kg	NTIS** PB293-040
	orl-gpg LD50:255 mg/kg	85DZAJ -,315,68
	orl-ckn LD50:341 mg/kg	TXAPA9 16,100,70

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MELAMINE, TRIETHYLENE- see: XZ2100000
MELAN 11 see: YU1610000
MELANA, combustion products see: AT6975000
MELAN BLACK see: QJ5950000
MELANILINE see: MF0875000
MELANOL LP20T see: WT1000000

OS1828000 MELANORRHOEA WOODSIANA, leaf extract
UPDT 8307

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:250 mg/kg	CPBTAL 13,882,65

OS1830800 MELASTOMA NORMALE D. Don., extract
DEF Indian plant belonging to the family MELASTOMACEAE (IJEBA6 7,250,69)
UPDT 8302
SYN: ANGERI EXTRACT

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:500 mg/kg	IJEBA6 7,250,69

MELATONIN see: AC5955000
MELATONINE see: AC5955000
MELBEX see: MP8050000
MELBIN see: DU1790000
MELDANE see: GN6300000
MELDIAN see: YS6650000
MELDONE see: GN6300000
MELENGESTROL ACETATE see: TU4141000
MELERIL see: SP2100000
MELETIN see: LK8750000
MELFALAN see: AY3675000

OS2152000 MELIA AZEDARACH Linn., stem bark extract
DEF Indian plant belonging to the family MELIACEAE (IJEBA6 7,250,69)
UPDT 8302
SYN: BAKAIN STEM BARK EXTRACT

TOXICITY DATA AND REFERENCES:

1V30	ipr-mus LD50:250 mg/kg	IJEBA6 7,250,69

OS2157000 MELIANTHUS MAJOR Linn., extract excluding roots
DEF Indian plant belonging to the family SAPINDACEAE (IJEBA6 12,512,74)
UPDT 8302

TOXICITY DATA AND REFERENCES:

2H30J30	ipr-mus LD50:750 mg/kg	IJEBA6 12,512,74

MELIFORM see: TR2725000
MELILOTAL see: AM9463000
MELILOTIC ANHYDRIDE see: GD8225000
MELILOTIN see: MW5775000
MELILOTINE see: MW5775000
MELILOTOL see: MW5775000

OS2900000 MELILOTUS ALBA Lamk., extract excluding roots
DEF Indian plant belonging to the family LEGUMINOSAE (IJEBA6 16,228,78)
UPDT 8412

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:1 gm/kg	IJEBA6 16,228,78

MELIN see: VM2975000
MELINAMIDE see: OI9410000
MELINEX see: TR2725000
MELINEX O see: TR2725000
MELINITE see: TJ7875000

OS3155000 MELIOSMA PUNGENS Wall., stem bark extract
DEF Indian plant belonging to the family SABIACEAE (IJEBA6 12,512,74)
UPDT 8302

TOXICITY DATA AND REFERENCES:

1H30	ipr-mus LD50:40 mg/kg	IJEBA6 12,512,74

OS3156000 MELIOSMA SIMPLICIFOLIA Walp., extract excluding roots
DEF Indian plant belonging to the family SABIACEAE (IJEBA6 11,43,73)
UPDT 8302
SYN: THUTHWA EXTRACT

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:125 mg/kg	IJEBA6 11,43,73

MELIPAN see: UF6125000
MELIPAX see: XW5250000
MELIPRAMIN see: HO1575000
MELIPRAMIN see: HO1925000
MELIPRAMIN HYDROCHLORIDE see: HO1925000
MELIPRAMINE see: HO1575000
MELIPRAMINE HYDROCHLORIDE see: HO1925000
MELITASE see: YS6650000
MELITOXIN see: GN7875000
MELITRACEN see: CB0770000 delta-(sup 9(10),gamma)-ANTHRACENEPROPYLAMINE, N,N,10,10-TETRAMETHYL-
MELITRACEN HYDROCHLORIDE see: CB0875000
MELITRACENE see: CB0770000 delta-(sup 9(10),gamma)-ANTHRACENEPROPYLAMINE, N,N,10,10-TETRAMETHYL-
MELITRACENE HYDROCHLORIDE see: CB0875000

OS3960000 MELITTIN
UPDT 8411 MW: 2846.99 MOLFM: C131-H229-N39-O31
SYN: MELITTIN-T

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:11600 ug/kg	TOXIA6 22,308,84
*	ivn-mus LD50:4 mg/kg	85GDA2 9,170,82
*	ice-mus LD50:860 ug/kg	TOXIA6 22,308,84

MELITTIN-T see: OS3960000
MELLARIL see: SP2100000
MELLARIL and STELAZINE see: SP2200000
MELLARIL and TRIFLUOPERAZINE see: SP2200000
MELLEIN see: NQ7860000
MELLERETTE see: SP2100000
MELLERETTEN see: SP2100000
MELLERIL see: SP2100000
MELLITE 131 see: AG6050000
MELLOSE see: FJ5959000
MELOCHIA TOMENTOSA see: CR3410000
MELOGEL see: GM5090000
MELOXINE see: LV1400000
MELPHALAN see: AY3675000
MELPINTOL see: SC4900000
MELPREX see: MF1750000
MELROSPORUS see: WM3402000
MELSEDIN BASE see: VA3850000

OS5500000 MELSMON
DEF Placenta preparations (NIIRDN 6,854,82)
UPDT 8303

TOXICITY DATA AND REFERENCES:

*	scu-rat LD50:77 mg/kg	NIIRDN 6,854,82

MELSOMIN see: VA3850000
MELTATOX see: QE0610000
MELTROL see: DU2200000
MELUNA see: GM5090000
MELYSIN see: XI0187000
MEMA see: OV6300000
MEMA see: OW1750000
MEMC see: OW0875000
MEMCOZINE see: WO9030000
ME-MDA see: BY5300000
MEMINE see: QD1575000
MEMMI see: OW4200000
MEMPHENESIN see: TZ1225000
MEMTETRAHYDRO PHTALIC ANHYDRIDE (DOT) see: GW5775000
MENADION see: QL9100000
MENADIONE see: QL9100000
MENAGEN see: KG8575000
MENAPHTHONE see: QL9100000
MENAPHTONE see: QL9100000
MENAQUINONE-4 see: QL9279500
MENAQUINONE K(sub 4) see: QL9279500
MENATENSINA see: ZG0175000
MENATETRENONE see: QL9279500
MENAZON see: TD5600000
MENAZONE see: NS2000000
MENDEL see: TZ0175000
MENDI see: QL8200000
MENDOK see: UF0950000
MENDON see: DE8750000
MENDRIN see: IO1575000
MENEST see: GL1224000
MENETYL see: DO5775000
MENFORMON see: KG8575000
MENHYDRINATE see: XH5082000
MENIDAZOLE see: NI7535000 IMIDAZOLE, 2-METHYL-4-NITRO-
MENIDRABOL see: KG7964000
MENIPHOS see: GQ5250000
MENISPERINE CHLORIDE see: CE1010000
MENITE see: GQ5250000
Me2NMOR see: QE2150000
MENOGAROL see: KD1146400
MENOGEN see: GL1224000
MENOLYN see: RC8925000
MENOMYCIN see: QA3020000
MENONASAL see: DG4900000
MENOQUENS see: TU4140000
MENOSTILBEEN see: WJ5600000
MENOTAB see: GL1224000
MENOTROL see: GL1224000
MENOTROPHIN see: LP6330000
MENOTROPINS see: LP6330000

OS8058800 MENTHA ARVENSIS, extract
DEF Plant belonging to the family CABIATAE (CCPTAY 24,559,81)
UPDT 8401

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T02T03	scu-rat TDLo:50 mg/kg (5D male)	CCPTAY 24,559,81
1T27	scu-rat TDLo:50 mg/kg (1-10D preg)	CCPTAY 24,559,81
1T35	scu-rat TDLo:20 mg/kg (9-10D preg)	CCPTAY 24,559,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OS8058900 MENTHA ARVENSIS Linn., leaf extract
UPDT 8408
SYN: PODINA, leaf extract

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:700 mg/kg (1-7D preg)	IJEBA6 16,1077,78
1T29	orl-rbt TDLo:300 mg/kg (3D pre)	IJMRAQ 62,1225,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

para-MENTHA-1,8-DIEN-7-AL see: GW2967000
d-p-MENTHA-1,8-DIENE see: GW6360000

OS8060000 p-MENTHA-1,3-DIENE
UPDT 8305 CAS: 99-86-5 MW: 136.26 MOLFM: C10-H16
SYN: 1,3-CYCLOHEXADIENE, 1-METHYL-4-ISOPROPYL- * 1-METHYL-4-ISOPROPYLCYCLOHEXADIENE-1,3 * alpha-TERPINENE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1680 mg/kg	FCTXAV 14,873,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OS8070000 p-MENTHA-1,4-DIENE
UPDT 8305 CAS: 99-85-4 MW: 136.26 MOLFM: C10-H16

SYN: 1,4-CYCLOHEXADIENE, 1-METHYL-4-ISOPROPYL- * 1-METHYL-4-ISOPROPYLCYCLOHEXADIENE-1,4 * gamma-TERPINENE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,875,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3650 mg/kg FCTXAV 14,875,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OS8080000 p-MENTHA-1,5-DIENE
UPDT:8305 CAS: 99-83-2 MW: 136.26 MOLFM: C10-H16
SYN: 1,3-CYCLOHEXADIENE, 2-METHYL-5-(1-METHYLETHYL)- * alpha-FELLANDRENE * 4-ISOPROPYL-1-METHYL-1,5-CYCLOHEXADIENE * 5-ISOPROPYL-2-METHYL-1,3-CYCLOHEXADIENE * 2-METHYL-5-ISOPROPYL-1,3-CYCLOHEXADIENE * alpha-PHELLANDRENE
IRRITATION DATA AND REFERENCES:
skn-man 100% SEV FCTXAV 16,843,78
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5700 mg/kg FCTXAV 16,843,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OS8100000 p-MENTHA-1,8-DIENE
UPDT:8312 CAS: 138-86-3 MW: 136.26 MOLFM: C10-H16
SYN: ACINTENE DP * ACINTENE DP DIPENTENE * CAJEPUTENE * CINENE * DIPANOL * DIPENTENE * DIPENTENE (DOT) * INACTIVE LIMONENE * KAUTSCHIN * LIMONENE * dl-LIMONENE * p-MENTHA-1,8-DIENE, DL- * 1,8(9)-p-MENTHADIENE * 1-METHYL-4-ISOPROPENYL-1-CYCLOHEXENE * NESOL * delta-1,8-TERPODIENE * UN 2052 (DOT) * UNITENE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,703,74
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ZKKOBW 78,99,72
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

p-MENTHA-1,8-DIENE see: GW6360000
1,8(9)-p-MENTHADIENE see: OS8100000
p-MENTHA-1,8-DIENE, DL- see: OS8100000

OS8350000 p-MENTHA-1,8-DIENE, (S)-(-)-
UPDT:8305 CAS: 5989-54-8 MW: 136.26 MOLFM: C10-H16
SYN: CYCLOHEXENE, 1-METHYL-4-(1-METHYLETHENYL)-, (S)- * l-LIMONENE * (-)-LIMONENE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,809,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OS8395000 p-MENTHA-1,8-DIEN-7-OL
UPDT:8305 CAS: 536-59-4 MW: 152.26 MOLFM: C10-H16-O
SYN: CYCLOHEX-1-ENE-1-METHANOL, 4-(1-METHYLETHENYL)- * DIHYDROCUMINYL ALCOHOL * 4-ISOPROPENYL-CYCLOHEX-1-ENE-1-METHANOL * PERILLA ALCOHOL * PERILLOL * PERILLYL ALCOHOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTXAV 19,253,81
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2100 mg/kg FCTXAV 19,253,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OS8400000 p-MENTHA-6,8-DIEN-2-OL, l-
UPDT:8307 CAS: 99-48-9 MW: 152.26 MOLFM: C10-H16-O
SYN: l-CARVEOL * 1-METHYL-4-ISOPROPENYL-6-CYCLOHEXEN-2-OL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 11,1055,73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3000 mg/kg FCTXAV 11,1055,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OS8500000 p-MENTHA-6,8-DIEN-2-OL, ACETATE
UPDT:8305 CAS: 97-42-7 MW: 194.30 MOLFM: C12-H18-O2
SYN: l-CARVYL ACETATE * 2-CYCLOHEXEN-1-OL, 2-METHYL-5-(1-METHYLETHENYL)-, ACETATE * 1-p-MENTHA-6(8,9)-DIEN-2-YL ACETATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 16,675,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OS8525000 p-MENTHA-6,8-DIEN-2-OL, PROPIONATE
UPDT:8305 CAS: 97-45-0 MW: 208.33 MOLFM: C13-H20-O2
SYN: l-CARVYL PROPIONATE * 2-CYCLOHEXEN-1-OL, 2-METHYL-5-(1-METHYLETHENYL)-, PROPIONATE * l-p-MENTHA-6,8(9)-DIEN-2-YL PROPIONATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 16,677,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

d-p-MENTHA-6,8,(9)-DIEN-2-ONE see: OS8670000

OS8575000 p-MENTHA-6,8-DIEN-2-ONE
UPDT:8403 CAS: 99-49-0 MW: 150.24 MOLFM: C10-H14-O
SYN: CARVOL * CARVONE * 6,8(9)-p-MENTHADIEN-2-ONE * delta-1-METHYL-4-ISOPROPENYL-6-CYCLOHEXEN-2-ONE * DELTA(sup 6,8)-(9)-TERPADIENONE-2 * NCI-C55867
TOXICITY DATA AND REFERENCES:
2F07F19 orl-rat LD50:1640 mg/kg FCTXAV 2,327,64
2F02F04 scu-mus LD50:2675 mg/kg JAPMA8 46,77,57
1F07 orl-gpg LD50:766 mg/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OS8650000 p-MENTHA-6,8-DIEN-2-ONE, (R)-(-)-
UPDT:8305 CAS: 6485-40-1 MW: 150.24 MOLFM: C10-H14-O
SYN: (-)-CARVONE * l-CARVONE * L(-)-CARVONE * (R)-CARVONE * 2-CYCLOHEXEN-1-ONE, 2-METHYL-5-(1-METHYLETHENYL)-, (R)- (9CI) * l-6,8(9)-p-MENTHADIEN-2-ONE * l-1-METHYL-4-ISOPROPENYL-6-CYCLOHEXEN-2-ONE
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:1200 mg/kg/8W-I CNREA8 33,3069,73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1640 mg/kg FCTXAV 11,1057,73
* orl-gpg LD50:766 mg/kg FCTXAV 11,1057,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OS8670000 p-MENTHA-6,8-DIEN-2-ONE, (S)-(+)-
UPDT:8412 CAS: 2244-16-8 MW: 150.24 MOLFM: C10-H14-O
SYN: CARVONE, (+)- * (+)-CARVONE * d-CARVONE * D(+)-CARVONE * (S)-CARVONE * (S)-(+)-CARVONE * 2-CYCLOHEXEN-1-ONE, 2-METHYL-5-(1-METHYLETHENYL)-, (S)- * d-p-MENTHA-6,8,(9)-DIEN-2-ONE * d-1-METHYL-4-ISOPROPENYL-6-CYCLOHEXEN-2-ONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 16,673,78
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:1200 mg/kg/8W-I CNREA8 33,3069,73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3710 ug/kg FCTXAV 16,673,78
* skn-rbt LD50:4 mg/kg FCTXAV 16,673,78
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

l-6,8(9)-p-MENTHADIEN-2-ONE see: OS8650000
6,8(9)-p-MENTHADIEN-2-ONE see: OS8575000
1-p-MENTHA-6(8,9)-DIEN-2-YL ACETATE see: OS8500000
(-)-trans-2-p-MENTHA-1,8-DIEN-3-YL-5-PENTYLRESORCINOL see: VH1600000
4-p-MENTHA-1,8-DIEN-3-YL-5-PENTYLRESORCINOL see: VH1619000
l-p-MENTHA-6,8(9)-DIEN-2-YL PROPIONATE see: OS8525000
MENTHANE DIAMINE see: OS8925000

OS8925000 p-MENTHANE-1,8-DIAMINE
UPDT:8307 CAS: 80-52-4 MW: 170.34 MOLFM: C10-H22-N2
SYN: 4-AMINO-a,a,4-TRIMETHYLCYCLOHEXANEMETHAMINE * 1,8-DIAMINO-p-MENTHANE * MENTHANE DIAMINE * USAF RH-4
IRRITATION DATA AND REFERENCES:
skn-rbt 100 ug/24H open AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:704 mg/kg AIHAAP 30,470,69
ipr-mus LD50:50 mg/kg NTIS** AD277-689
* skn-rbt LD50:292 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MENTHANE, 1,2:8,9-DIEPOXY- see: OS9100000

OS9100000 p-MENTHANE, 1,2:8,9-DIEPOXY-
UPDT:8401 CAS: 96-08-2 MW: 168.26 MOLFM: C10-H16-O2
SYN: 1,2,8,9-DIEPOXYLIMONENE * DIPENTENE DIOXIDE * EPOXIDE 269 * 4-(1,2-EPOXY-1-METHYLETHYL)-1-METHYL-7-OXABICYCLO(4.1.0)HEPTANE * LIMONENE DIOXIDE * MENTHANE, 1,2:8,9-DIEPOXY- * 7-OXABICYCLO(4.1.0)HEPTANE, 4-(1,2-EPOXY-1-METHYLETHYL)-1-METHYL- * UNOXAT EPOXIDE 269
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62
TUMORIGENIC DATA AND REFERENCES:
3V03P62R60 unk-mus TDLo:6700 mg/kg RARSAM 3,193,63
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5630 mg/kg UCDS** 8/22/61
ims-mus LD50:600 mg/kg JSICAZ 21,342,62
1R10 skn-rbt LD50:1770 mg/kg AIHAAP 23,95,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OS9275000 p-MENTHANE, 1,8-EPOXY-
UPDT:8412 CAS: 470-82-6 MW: 154.28 MOLFM: C10-H18-O
SYN: CAJEPUTOL * 1,8-CINEOL * CINEOLE * 1,8-CINEOLE * 1,8-EPOXY-p-MENTHANE * EUCALYPTOL * EUCALYPTOLE * LIMONENE OXIDE * NCI-C56575 * 1,8-OXIDO-p-MENTHANE * 2-OXABICYCLO(2.2.2)OCTANE, 1,3,3-TRIMETHYL-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T83 scu-rat TDLo:2 gm/kg (19-22D preg) BCPCA6 22,543,73
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:2400 mg/kg/8W-I CNREA8 33,3069,73
TOXICITY DATA AND REFERENCES:
2F07F24 orl-rat LD50:2480 mg/kg FCTXAV 2,327,64
scu-mus LDLo:50 mg/kg TFAKA4 1,134,55
ims-mus LD50:100 mg/kg JSICAZ 21,342,62
scu-dog LDLo:1500 mg/kg TFAKA4 1,134,55
ims-gpg LDLo:2250 mg/kg TFAKA4 1,134,55
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DPIRDU 2(4),10,82
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OS9400000 p-MENTHANE, 2,3-EPOXY-
UPDT:8308 MW: 154.28 MOLFM: C10-H18-O
SYN: 2,3-EPOXY-p-MENTHANE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8 gm/kg TXAPA9 28,313,74
* skn-rbt LD50:11300 mg/kg TXAPA9 28,313,74

p-MENTHANE HYDROPEROXIDE see: OS9450000

OS9450000 p-MENTHANE-8-HYDROPEROXIDE
UPDT:8401 CAS: 80-47-7 MW: 172.30 MOLFM: C10-H20-O2
SYN: p-MENTHANE HYDROPEROXIDE
TUMORIGENIC DATA AND REFERENCES:
3V03J60P62 unk-mus TDLo:620 mg/kg RARSAM 3,193,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

p-MENTHANE HYDROPEROXIDE, technically pure (DOT) see: MX2500000

OS9500000 1H-3-alpha,7-METHANOAZULEN-6-OL, OCTAHYDRO-3,6,8,8-TETRAMETHYL-, FORMATE, (3R-(3-alpha,3a-beta,6-alpha,7-beta,8a-alpha))-
UPDT:8401 CAS: 39900-38-4 MW: 250.42 MOLFM: C16-H26-O2
SYN: CEDROL FORMATE * CEDRYL FORMATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),647,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

dl-3-p-MENTHANOL see: OT0525000
p-MENTHAN-3-OL see: OT0350000

OS9540000 p-MENTHAN-8-OL, ACETATE
UPDT:8305 CAS: 80-25-1 MW: 198.34 MOLFM: C12-H22-O2
SYN: ACETIC ACID, DIHYDROTERPINYL ESTER * ACETIC ACID, p-MENTHAN-8-OL ESTER * DIHYDROTERPINYL ACETATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 12,875,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OS9541500 p-MENTHAN-3-ONE, dl-
UPDT:8305 CAS: 1074-95-9 MW: 154.28 MOLFM: C10-H18-O
SYN: CYCLOHEXAN-1-ONE, 2-ISOPROPYL-5-METHYL-, RACEMIC * p-MENTHAN-3-ONE RACEMIC * MENTHONE RACEMIC
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,475,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2180 mg/kg FCTXAV 14,475,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OS9542200 p-MENTHAN-3-ONE, trans-
UPDT:8402 CAS: 89-80-5 MW: 154.28 MOLFM: C10-H18-O

SYN: CYCLOHEXANONE, 5-METHYL-2-(1-METHYLETHYL)-, trans- * MENTHONE * p-MENTHONE * trans-MENTHONE

TUMORIGENIC DATA AND REFERENCES:

2V03J60	ipr-mus TDLo:1900 mg/kg/8W-I	CNREA8 33,3069,73

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:500 mg/kg	FRXXBL #2448856
2F02F04	scu-mus LD50:2180 mg/kg	JAPMA8 46,77,57
2G10H02	ivn-dog LDLo:600 mg/kg	COREAF 236,633,53

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OS9542500 p-MENTHAN-3-ONE, (Z)-

UPDT:8305 CAS: 491-07-6 MW: 154.28 MOLFM: C10-H18-O

SYN: CYCLOHEXANONE, 5-METHYL-2-(1-METHYLETHYL)-, (Z)- * ISOMENTHONE * 2-ISOPROPYL-5-METHYLCYCLOHEXANONE * 5-METHYL-2-(1-METHYLETHYL)CYCLOHEXANONE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MLD	FCTXAV 14,315,76

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

p-MENTHAN-3-ONE RACEMIC see: OS9541500
p-MENTHANYL PROPIONATE see: WZ6920000

OS9750000 o-MENTHA-1(7),4,8-TRIEN-3-OL, (2R,3S)-

UPDT:8402 CAS: 23734-06-7 MW: 150.24 MOLFM: C10-H14-O

SYN: CARQUEJOL * 2-CYCLOHEXEN-1-OL, 5-METHYLENE-6-(1-METHYLETHENYL)-, (1S-cis)-

TOXICITY DATA AND REFERENCES:

3F04F18F25	ipr-rat LD50:410 mg/kg	APFRAD 18,715,60
3F17F24F25	orl-mus LD50:1800 mg/kg	APFRAD 18,715,60
3F17F24F25	ipr-mus LD50:456 mg/kg	APFRAD 18,715,60
3G30H02J25	ipr-dog LDLo:250 mg/kg	APFRAD 18,715,60

dl-trans-p-MENTH-6-ENE-2,8-DIOL see: FI2000000

OT0175000 p-MENTH-2-ENE, 1,4-EPIDIOXY-

UPDT:8405 CAS: 512-85-6 MW: 168.26 MOLFM: C10-H16-O2

SYN: ASCARIDOL * ASCARIDOLE * ASCARIDOLE (DOT) * ASCARISIN * 2,3-DIOXABICYCLO(2.2.2)OCT-5-ENE, 1-ISOPROPYL-4-METHYL- * 1-METHYL-4-(1-METHYLETHYL)-2,3-DIOXABICYCLO(2.2.2)OCT-5-ENE * ORGANIC PEROXIDE (DOT) * 1,4-PEROXIDO-p-MENTHENE-2

TUMORIGENIC DATA AND REFERENCES:

3V02R60V10	skn-mus TDLo:25 gm/kg/42W-I	JNCIAM 35,707,65
3V03R60V10	skn-mus TD :38 gm/kg/63W-I	14JTAF -,275,64

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:250 mg/kg	NCNSA6 5,24,53
*	orl-rat LD50:200 mg/kg	FEPRA7 7,252,48
*	orl-mus LD50:400 mg/kg	FEPRA7 7,252,48
*	orl-dog LDLo:250 mg/kg	JPETAB 24,359,25

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FORBIDDEN	CFRGBR 49,172.101,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OT0175040 p-MENTH-8-ENE, 1,2-EPOXY-, d-cis and d-trans mixture

UPDT:8305 MW: 152.26 MOLFM: C10-H16-O

SYN: d-1,2-EPOXY-p-MENTH-8-ENE * (+)-4-ISOPROPENYL-1-METHYLCYCLOHEXENE 1,2-OXIDE * d-LIMONENE-1,2-EPOXIDE * (+)-LIMONENE OXIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:2700 mg/kg	IYKEDH 9,518,78

OT0175110 para-MENTH-1-EN-4-OL

UPDT:8401 CAS: 562-74-3 MW: 154.28 MOLFM: C10-H18-O

SYN: 4-CARVOMENTHENOL * 3-CYCLOHEXEN-1-OL, 4-METHYL-1-(1-METHYLETHYL)- (9CI) * 1-para-MENTHEN-4-OL * TERPINEN-4-OL * 4-TERPINENOL * 4-TERPINEOL

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	FCTOD7 20(Suppl),833,82

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1300 mg/kg	FCTOD7 20(Suppl),833,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

OT0175150 p-MENTH-8-EN-2-OL

UPDT:8305 CAS: 619-01-2 MW: 154.28 MOLFM: C10-H18-O

SYN: DIHYDROCARVEOL * 1,6-DIHYDROCARVEOL * 8-p-MENTHEN-2-OL * 6-METHYL-3-ISOPROPYLCYCLOHEXANOL

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	FCTXAV 17,771,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

OT0190000 p-MENTH-8-EN-3-OL

UPDT:8305 CAS: 7786-67-6 MW: 154.28 MOLFM: C10-H18-O

SYN: ISOPULEGOL * 8(9)-p-MENTHEN-3-OL * 1-METHYL-4-ISOPROPENYLCYCLOHEXAN-3-OL

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1030 mg/kg	FCTXAV 13,823,75
*	skn-rbt LD50:3000 mg/kg	FCTXAV 13,823,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

1-para-MENTHEN-4-OL see: OT0175110
8-p-MENTHEN-2-OL see: OT0175150

OT0200000 p-MENTH-1-EN-8-OL, ACETATE

UPDT:8305 CAS: 80-26-2 MW: 196.32 MOLFM: C12-H20-O2

SYN: alpha-TERPINEOL, ACETATE * TERPINYL ACETATE

TOXICITY DATA AND REFERENCES:

3D07D35F07	orl-rat LDLo:4160 mg/kg	FCTXAV 2,327,64

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

OT0210000 p-MENTH-8-EN-2-OL, ACETATE

UPDT:8412 CAS: 20777-49-5 MW: 196.32 MOLFM: C12-H20-O2

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MLD	FCTOD7 21,843,83

OT0220000 p-MENTH-1-EN-8-OL, FORMATE (mixed isomers)

UPDT:8305 CAS: 2153-26-6 MW: 182.29 MOLFM: C11-H18-O2

SYN: TERPINYL FORMATE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	FCTXAV 14,879,76

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

p-MENTH-1-EN-3-ONE see: OT0257000
d-p-MENTH-4(8)-EN-3-ONE see: OT0260000

OT0257000 p-MENTH-1-EN-3-ONE

UPDT:8305 CAS: 89-81-6 MW: 152.26 MOLFM: C10-H16-O

SYN: 3-CARVOMENTHENONE * 2-CYCLOHEXEN-1-ONE, 3-METHYL-6-(1-METHYLETHYL)- * p-MENTH-1-EN-3-ONE * 1-METHYL-4-ISOPROPYL-1-CYCLOHEXEN-3-ONE * PIPERITONE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	FCTXAV 16,863,78

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2450 mg/kg	FCTXAV 16,863,78
1F12	scu-mus LD50:1420 mg/kg	FCTXAV 16,863,78

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

OT0260000 p-MENTH-4(8)-EN-3-ONE

UPDT:8305 MW: 152.26 MOLFM: C10-H16-O

SYN: 1-ISOPROPYLIDENE-4-METHYL-2-CYCLOHEXANONE * d-p-MENTH-4(8)-EN-3-ONE * 4(8)-p-MENTHEN-3-ONE * 1-METHYL-4-ISOPROPYLIDENE-3-CYCLOHEXANONE * PULEGONE * d-PULEGONE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	FCTXAV 16,867,78

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:470 mg/kg	FCTXAV 16,867,78
	ipr-mus LD50:150 mg/kg	NTIS** AD691-490
2F12J25	scu-mus LD50:1709 mg/kg	FCTXAV 16,867,78
*	skn-rbt LD50:3090 mg/kg	FCTXAV 16,867,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4(8)-p-MENTHEN-3-ONE see: OT0260000
MENTHENYL KETONE see: UC2988400
1-(p-MENTHEN-6-YL)-1-PROPANONE see: UC2988400

OT0350000 MENTHOL

UPDT:8402 CAS: 89-78-1 MW: 156.30 MOLFM: C10-H20-O

SYN: CYCLOHEXANOL, 2-ISOPROPYL-5-METHYL- * HEXAHYDROTHYMOL * p-MENTHAN-3-OL * l-MENTHOL * 5-METHYL-2-(1-METHYLETHYL)CYCLOHEXANOL * PEPPERMINT CAMPHOR

IRRITATION DATA AND REFERENCES:

	eye-rbt 750 ug SEV	AJOPAA 29,1363,46

TUMORIGENIC DATA AND REFERENCES:

2V03J60	ipr-mus TDLo:500 mg/kg/8W-I	CNREA8 33,3069,73

TOXICITY DATA AND REFERENCES:

1F19	orl-rat LD50:3180 mg/kg	FCTXAV 2,327,64
3F04F08F18	ipr-rat LDLo:1500 mg/kg	APFRAD 10,481,52
	ipr-mus LDLo:1800 mg/kg	AIPTAK 63,43,39
	orl-cat LDLo:1500 mg/kg	HBAMAK 4,1289,35
	ivn-cat LDLo:37 mg/kg	AIPTAK 63,43,39

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(+-)-MENTHOL see: OT0525000

OT0525000 dl-MENTHOL

UPDT:8412 CAS: 15356-70-4 MW: 156.30 MOLFM: C10-H20-O

SYN: CYCLOHEXANOL, 5-METHYL-2-(1-METHYLETHYL)-, (1-alpha,2-beta,5-alpha) * 4-ISOPROPYL-1-METHYLCYCLOHEXAN-3-OL * MENTHOL, cis-1,3-trans-1,4-(+-)- * (+-)-MENTHOL * 3-p-MENTHOL * dl-3-p-MENTHANOL * MENTHOL RACEMIC * NCI-C50000 * MENTHOL RACEMIQUE (French)

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MLD	FCTXAV 14,473,76

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2900 mg/kg	FAONAU 44A,59,67
3F04F08F18	ipr-rat LD50:670 mg/kg	APFRAD 10,481,52
	scu-rat LDLo:1 gm/kg	MMWOAU 73,2011,26
	scu-mus LDLo:14 gm/kg	MMWOAU 73,2011,26
	orl-cat LDLo:1500 mg/kg	MMWOAU 73,2011,26
	ipr-cat LDLo:1500 mg/kg	MMWOAU 73,2011,26
	ipr-rbt LDLo:2000 mg/kg	FAONAU 44A,59,67
3F04F08F18	ipr-gpg LD50:865 mg/kg	APFRAD 10,481,52

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-GC-TR-98,79)
REPORTED IN EPA TSCA INVENTORY, 1983

l-MENTHOL see: OT0350000
MENTHOL, cis-1,3-trans-1,4-(+-)- see: OT0525000
3-p-MENTHOL see: OT0525000
MENTHOL, ACETATE (8CI) see: AI5850000
MENTHOL, ACETATE, (1R,3R,4S)-(-)- (8CI) see: AI5900000
MENTHOL ACETOACETATE see: EK8150000

OT0720000 MENTHOL, ISOVALERATE

UPDT:8401 CAS: 16409-46-4 MW: 240.43 MOLFM: C15-H28-O2

SYN: BUTANOIC ACID, 3-METHYL-, 5-METHYL-2-(1-METHYLETHYL)CYCLOHEXYL ESTER (9CI) * MENTHYL ISOVALERATE * MENTH-3-YL ISOVALERATE * MENTHYL 3-MENTHYLBUTYRATE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	FCTOD7 20(Suppl),735,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MENTHOL RACEMIC see: OT0525000
MENTHOL RACEMIQUE (French) see: OT0525000
MENTHONE RACEMIC see: OS9541500
MENTHYL ACETATE see: AI5850000
(-)-MENTHYL ACETATE see: AI5900000
dl-MENTHYL ACETATE see: AI5850000
L-MENTHYL ACETATE see: AI5900000
l-p-MENTH-3-YL ACETATE see: AI5900000
MENTHYL ACETATE RACEMIC see: AI5850000
MENTHYL ACETOACETATE see: EK8150000
(-)-MENTHYL ACETOACETATE see: EK8150000
MENTHYL ISOVALERATE see: OT0720000
MENTH-3-YL ISOVALERATE see: OT0720000
MENTHONE see: OS9542200
p-MENTHONE see: OS9542200
trans-MENTHONE see: OS9542200
MENTHYL 3-MENTHYLBUTYRATE see: OT0720000
MEOBAL see: FC8750000
MEOBAL, nitrosated (Japanese) see: FC6636000
MEONAL see: CQ1575000
MEONINE see: PD0456000
6-MeOTHBC see: UV0725000
MEOTHRIN see: GZ2090000
MEP see: TJ6825000
MEP see: TG0350000
MEPACRINE see: AR7700000
MEPACRINE DIHYDROCHLORIDE see: AR7875000
MEPACRINE HYDROCHLORIDE see: AR7875000
MEPACRINE HYDROCHLORIDE DIHYDRATE see: AR7876000
MEPADIN see: NS5950000
MEPAMTIN see: TZ0175000
MEPANTIN see: TZ0175000
ME-PARATHION see: TG0175000
MEPARFYNOL see: SC4900000
MEPARFYNOL CARBAMATE see: SC5075000
MEPARTRICIN see: RW7750000
MEPATON see: TG0175000
MEPAVLON see: TZ0175000
MEPAZIN see: SP2625000
MEPAZINE see: SP2625000
MEPAZINE BASE see: SP2625000

MEPENTAMATE see: SC5075000
MEPENTAMATO see: SC4900000
MEPENTAMATO see: SC5075000
MEPENTIL see: SC4900000
MEPENZOLATE see: TN5950000
MEPENZOLATE BROMIDE see: TN5950000
MEPERIDINE see: NS5775000
MEPERIDINE HYDROCHLORIDE see: NS5950000
9-ME-PGA see: MA0602000
15-ME-PGF2-alpha see: UK8021000
MEPHABUTAZONE see: UQ8225000
MEPHACYCLIN see: QI9100000
MEPHADRYL see: KR6825000
MEPHALAN see: AY3675000
MEPHANAC see: AG1575000
MEPHASERPIN see: ZG0350000
MEPHATE see: TZ1225000
MEPHEDAN see: TZ1225000
MEPHEDINE see: NS5950000
MEPHELOR see: TZ1225000
MEPHENAMIC ACID see: CB4550000
MEPHENAMINE HYDROCHLORIDE see: KR6300000
MEPHENAMIN HYDROCHLORIDE see: KR6300000
MEPHENAMINIC ACID see: CB4550000
MEPHENESIN see: TZ1225000
MEPHENESIN CARBAMATE see: FB2710000
MEPHENESINE see: TZ1225000
MEPHENON see: MJ6130000
MEPHENOXALONE see: RQ3500000
MEPHENSIN see: TZ1225000
MEPHENTERDRINE see: SI3675000
MEPHENTERDRINUM see: SI3675000
MEPHENTERMINE see: SI3675000
MEPHENYTOIN see: MU2275000
l-MEPHENYTOIN see: MU2276000
MEPHEROL see: TZ1225000
MEPHESIN see: TZ1225000
MEPHETEDRINE see: SI3675000
MEPHIN see: TZ1225000
MEPHINE see: SI3675000
MEPHOBARBITAL and DIPHENYLHYDANTOIN (1:2) see: MU1170000
MEPHO-D see: SH5075000
MEPHOSAL see: TZ1225000
MEPHOSFOLAN see: JP1050000
MEPHSON see: TZ1225000
MEPIBEN see: TM7810000
MEPICICLINA see: QI8575000
MEPICYCLINE see: QI8575000
MEPIOSINE see: TZ0175000
MEPIQUAT CHLORIDE see: TN4939200
MEPIRAMINE see: UT0875000
MEPIRIZOLE see: UV9290000
MEPITIOSTANE see: BV8044500
MEPIVACAINE HYDROCHLORIDE see: TK6475000
DL-MEPIVACAINE HYDROCHLORIDE see: TK6475000
MEPIVASTESIN see: TK6475000
2'-MeP04' see: BX6650000
MEPOSED see: TZ0175000
MEP (PESTICIDE) see: TG0350000
MEPRANIL see: TZ0175000
MEPRIN see: TZ0175000
MEPRIN see: MC0596500
MEPRIN (DETOXICANT) see: MC0596500
MEPRINDON see: TZ0175000
MEPRO see: UE9750000
MEPROBAM see: TZ0175000
MEPROBAMAT (German) see: TZ0175000
MEPROBAMATE see: TZ0175000
MEPROBAMATO (Italian) see: TZ0175000
MEPROBAN see: TZ0175000
MEPROCOMPREN see: TZ0175000
MEPROCON CMC see: TZ0175000
MEPRODIL see: TZ0175000
MEPRODIOL see: TZ0175000
MEPROFEN see: UE7570000
MEPROL see: TZ0175000
MEPROLEAF see: TZ0175000
MEPRON see: TZ0175000
MEPRONIL see: CV5581700
MEPRONIL (PESTICIDE) see: CV5581700
MEPROPHENDIOL see: UH0525000
MEPROSA see: TZ0175000
MEPROSAN see: TZ0175000
MEPROSCILLARIN see: EI3450000
MEPROSIN see: TZ0175000
MEPROSPAN see: TZ0175000
MEPROTABS see: TZ0175000
MEPROTAN see: TZ0175000
MEPROVAN see: TZ0175000
MEPROZINE see: TZ0175000
MEPRYLCAINE HYDROCHLORIDE see: UB8654300
MEPTOX see: TG0175000
MEPTRAN see: TZ0175000
MEPYRAMIN (German) see: UT0875000
MEPYRAMINE see: UT0875000
MEPYRAMINE MALEATE see: UT1225000
MEPYRAPONE see: UC3050000
MEPYREN see: UT0875000
MEQUIN see: VA3850000
MEQUINOL see: SL7700000
MEQUITAZINE see: SP5080000
MER 25 see: KK5550000
MER 29 see: KK2400000
MER-41 see: YE0875000
MERABITOL see: AX8050000
MERACTINOMYCIN see: AU1575000
MERADAN see: AU4717000
MERADANE see: AU4717000
MERAKLON see: UD1842000
MERALEN see: CB4375000
MERALLURIDE see: WM3750000
MERANTINE BLUE EG see: BQ4725000
MERANTINE BLUE VF see: BP6830000
MERANTINE GREEN G see: BQ4375000
MERANTINE GREEN SF see: BQ4900000
MERATRAN see: TN0420000
MERATRAN HYDROCHLORIDE see: TN0875000
MERBENTUL see: KV0600000
MERBROMIN see: LM5250000
MERCALEUKIM see: UO9800000
MERCAMINE see: KJ0175000
MERCAMINE DISULFIDE see: KR7175000
MERCAPTAMINE see: KJ0175000
MERCAPTAN AMYLIQUE (French) see: SA3150000
MERCAPTAN METHYLIQUE (French) see: PB4375000
MERCAPTAN METHYLIQUE PERCHLORE (French) see: PB0370000
MERCAPTAZOLE see: NI8615000
MERCAPTOACETIC ACID see: AI5950000
alpha-MERCAPTOACETIC ACID see: AI5950000
2-MERCAPTOACETIC ACID see: AI5950000
MERCAPTOACETIC ACID, DIESTER with DITHIO-p-UREIDOBENZENEARSONOUS ACID see: AI6500000
N-(MERCAPTOACETYL)ISOVALINE S-ESTER with 0,0-DIETHYLPHOSPHORODITHIOATE see: NY1860300
N-(MERCAPTOACETYL)ISOVALINE ETHYL ESTER S-ESTER WITH 0,0-DIETHYLPHOSPHORODITHIOATE see: NY1860400
N-(MERCAPTOACETYL)LEUCINE ETHYL ESTER S-ESTER with 0,0-DIETHYLPHOSPHORODITHIOATE see: OH3165000
2-MERCAPTOADENINE see: UP0150000
2-MERCAPTOAETHYLIMINODIACETAT (German) see: KJ1940000
beta-MERCAPTOALANINE see: HA1600000
alpha-MERCAPTO-gamma-AMINOBUTYRIC ACID see: ES7017010
7-MERCAPTOBENZ(a)ANTHRACENE see: CX3500000
2-MERCAPTOBENZIMIDAZOLE see: DE1050000
o-MERCAPTOBENZOIC ACID see: DH3325000
o-MERCAPTOBENZOIC ACID ACETATE see: DH3350000
o-MERCAPTOBENZOIC ACID, DIESTER with DITHIO-p-UREIDOBENZENEARSONOUS ACID see: DH3400000
MERCAPTOBENZOIMIDAZOLE see: DE1050000
2-MERCAPTOBENZOIMIDAZOLE see: DE1050000
MERCAPTOBENZOTHIAZOLE see: DL6475000
2-MERCAPTOBENZOTHIAZOLE see: DL6475000
2-MERCAPTOBENZOTHIAZOLE DISULFIDE see: DL4550000
2-MERCAPTOBENZOTHIAZOLE ZINC SALT see: DL7000000
2-MERCAPTOBENZOTHIAZYL DISULFIDE see: DL4550000
C-MERCAPTO-O-CARBORANE see: HS9353000
MERCAPTODIMETHUR see: FC5775000
MERCAPTODIMETHUR (DOT) see: FC5775000
1-MERCAPTODODECANE see: JR3155000
17-MERCAPTOESTRA-1,3,5(10)-TRIEN-3-OL see: KG7731690
17-alpha-MERCAPTOESTRA-1,3,5(10)-TRIEN-3-OL see: KG7731700
2-MERCAPTOETHANESULFONIC ACID MONOSODIUM SALT see: KI7968000
MERCAPTOETHANOL see: KL5600000
beta-MERCAPTOETHANOL see: KL5600000
2-MERCAPTOETHANOL see: KL5600000
beta-MERCAPTOETHYLAMINE see: KJ0175000
(2-MERCAPTOETHYL)AMINE see: KJ0175000
beta-MERCAPTOETHYLAMINE DISULFIDE see: KR7175000
MERCAPTOETHYLAMINE HYDROCHLORIDE see: KJ0200000
beta-MERCAPTOETHYLAMINE HYDROCHLORIDE see: KJ0200000
2-MERCAPTOETHYLAMINE HYDROCHLORIDE see: KJ0200000
2-MERCAPTOETHYLAMINE (OXIDIZED) see: KR7175000
N-(2-MERCAPTOETHYLBENZENESULFONAMIDE S-(0,0-DIISOPROPYL PHOSPHORODITHIOATE) see: TE0250000
2-MERCAPTOETHYLDITHIOCARBAMIC ACID see: FB3870000
2-MERCAPTO-4-ETHYLTHIAZOLINE see: XJ7010100
3-(1-MERCAPTOETHYL)-delta(sup 2)-1,2,4-TRIAZOLINE-5-THIONE see: XZ5469000
2-MERCAPTOETHYL TRIMETHOXY SILANE see: KJ2616000
(2-MERCAPTOETHYL)TRIMETHYLAMMONIUM S-ESTER with 0,0'-DIETHYLPHOSPHOROTHIOATE see: BR6955000
6-MERCAPTOGUANINE see: UP0740000
2-MERCAPTO-4-HYDROXY-6-METHYLPYRIMIDINE see: YR0875000
2-MERCAPTO-4-HYDROXY-6-n-PROPYLPYRIMIDINE see: YR1400000
2-MERCAPTO-4-HYDROXYPYRIMIDINE see: YR1575000
(MERCAPTOMETHYL)BENZENE see: XT8650000
3-(MERCAPTOMETHYL)-1,2,3-BENZOTRIAZIN-4(3H)-ONE 0,0-DIMETHYL PHOSPHORODITHIOATE S-ESTER see: TE1925000
C-MERCAPTO-C'-METHYL CARBORANE see: HS9354000
2-MERCAPTO-1-METHYLIMIDAZOLE see: NI8615000
N-(2-MERCAPTO-2-METHYL-1-OXOPROPYL)-L-CYSTEINE see: HA2420000
N-(2-MERCAPTO-2-METHYL-1-OXOPROPYL)-L-CYSTEINE SODIUM SALT see: HA2422000
1-(3-MERCAPTO-2-METHYL-1-OXOPROPYL)-L-PROLINE see: UY0550000
1-(D-3-MERCAPTO-2-METHYL-1-OXOPROPYL)-L-PROLINE (S,S) see: UY0550000
N-(MERCAPTOMETHYL)PHTHALIMIDE S-(0,0-DIMETHYL PHOSPHORODITHIOATE) see: TE2275000
N-(2-MERCAPTO-2-METHYLPROPANOYL)-L-CYSTEINE see: HA2420000
N-(2-MERCAPTO-2-METHYLPROPANOYL)-L-CYSTEINE SODIUM SALT see: HA2422000
D-3-MERCAPTO-2-METHYLPROPANOYL-L-PROLINE see: UY0550000
1-((2S)-3-MERCAPTO-2-METHYLPROPIONYL)-L-PROLINE see: UY0550000
(2S)-1-(3-MERCAPTO-2-METHYLPROPIONYL)-L-PROLINE see: UY0550000
2-(MERCAPTOMETHYL)PYRIDINE see: UT4676000
2-MERCAPTO-6-METHYLPYRIMID-4-ONE see: YR0875000
2-MERCAPTO-6-METHYL-4-PYRIMIDONE see: YR0875000
2-MERCAPTO-4-METHYL-5-THIAZOLEACETIC ACID see: XJ1921000
3-MERCAPTO-6-METHYL-as-TRIAZIN-5-OL see: XZ2853000
3-(MERCAPTOMETHYL)-delta(sup 2)-1,2,4-TRIAZOLINE-5-THIONE see: XZ5469200
2-MERCAPTO-4-PHENYL-6-PYRIMIDINOL see: UW6830000
3-MERCAPTO-6-PHENYL-as-TRIAZIN-5-OL see: XZ2853500
MERCAPTOPHOS see: TF3150000
MERCAPTOPHOS see: TF9625000
1-alpha-MERCAPTOPREGN-4-ENE-3,20-DIONE THIOACETATE (ester) see: TU5403000
2-MERCAPTOPROPANE see: TZ7302000
alpha-MERCAPTOPROPANOIC ACID see: UF5250000
3-MERCAPTOPROPANOL see: TZ7300000
alpha-MERCAPTOPROPIONIC ACID see: UF5250000
2-MERCAPTOPROPIONIC ACID see: UF5250000
MERCAPTOPROPIONIC ACID, DIBUTYLTIN SALT see: RP4395000
N-(2-MERCAPTOPROPIONYL)ALANINE S-ESTER with SODIUM THIOSULFATE see: AY6908000
MERCAPTOPROPIONYLGLYCINE see: MC0596500
alpha-MERCAPTOPROPIONYLGLYCINE see: MC0596500

N-(2-MERCAPTOPROPIONYL)GLYCINE see: MC0596500
(2-MERCAPTOPROPIONYL)GLYCINE see: MC0596500
N-(2-MERCAPTOPROPIONYL)GLYCINE S-DIETHYLDITHIOCARBAMATE see: MC0596550
N-(2-MERCAPTOPROPIONYL)GLYCINE DISODIUM PHOSPHOROTHIOATE (ester) see: MC0596600
N-(2-MERCAPTOPROPIONYL)GLYCINE S-ESTER with DIETHYLDITHIOCARBAMIC ACID see: MC0596570
N-(2-MERCAPTOPROPIONYL)GLYCINE S-THIOSULFATE (ester) SODIUM SALT see: MC0596700
2-MERCAPTO-6-PROPYLPYRIMID-4-ONE see: YR1400000
2-MERCAPTO-6-PROPYL-4-PYRIMIDONE see: YR1400000
3-(1-MEPCAPTOPROPYL)-delta(sup 2)-1,2,4-TRIAZOLINE-5-THIONE see: XZ5469400
gamma-MERCAPTOPROPYLTRIMETHOXYSILANE see: TZ7800000
3-MERCAPTOPROPYLTRIMETHOXYSILANE see: TZ7800000
MERCAPTOPURINE see: UO9800000
6-MERCAPTOPURINE see: UO9800000
6-MERCAPTOPURINE MONOHYDRATE see: UP0400000
6-MERCAPTOPURINE 3-N-OXIDE MONOHYDRATE see: UP0530000
MERCAPTOPURINE RIBONUCLEOSIDE see: UP0700000
6-MERCAPTOPURINE RIBONUCLEOSIDE TRIPHOSPHATE see: UP0766000
MERCAPTOPURINE RIBOSIDE see: UP0700000
6-MERCAPTOPURINE RIBOSIDE see: UP0700000
3-MERCAPTOPYRIDINE see: UT8576000
5-MERCAPTOPYRIDINE see: UT8576000
2-MERCAPTOPYRIDINE MONOXIDE see: UT8999000
2-MERCAPTO-4-PYRIMIDINOL see: YR1575000
2-MERCAPTO-4(1H)-PYRIMIDINONE see: YR1575000
2-MERCAPTOPYRIMID-4-ONE see: YR1575000
2-MERCAPTO-4-PYRIMIDONE see: YR1575000
MERCAPTOSUCCINIC ACID ANTIMONATE (III) HEXALITHIUM SALT see: WJ1625000
MERCAPTOSUCCINIC ACID S-ANTIMONY derivative LITHIUM SALT see: WJ1625000
MERCAPTOSUCCINIC ACID DIETHYL ESTER see: WM8400000
7-MERCAPTO-1,3,4,6-TETRAZAINDENE see: UO9800000
MERCAPTOTHION see: WM8400000
MERCAPTOTION (Spanish) see: WM8400000
alpha-MERCAPTOTOLUENE see: XT8650000
p-(3-MERCAPTO-as-TRIAZIN-5-YL)BENZONITRILE see: DI4700000
p-(3-MERCAPTO-as-TRIAZIN-5-YL)PHENOL see: SL7445000
D-MERCAPTOVALINE see: YV9425000
D-3-MERCAPTOVALINE see: YV9425000
MERCAPTURIC ACID see: HA1660000
MERCASOLYL see: NI8615000
MERCAZOLE see: NI8615000
MERCAZOLYL see: NI8615000
MERCHLORATE see: OW0875000
MERCHLORETHAMINE see: IA2100000
MER-25 CITRATE see: KK5551000
MERCKOGEL OR see: AK0920000
MERCKOGEN 6000 see: AK0920000
MERCLORAN see: OW1050000
MERCOL 25 see: DB6825000
MERCOL 30 see: DB6825000
MERCORAL see: OW1050000
MERCUFENOL CHLORIDE see: OW0350000
MERCUHYDRIN see: WM3750000
MERCURAM see: JO1400000
MERCURAN see: OV6300000
MERCURANINE see: LM5250000

OU9630000 MERCURATE(1-), ACETATOPHENYL-, AMMONIUM SALT

UPDT:8309 MW: 354.80 MOLFM: C8-H8-Hg-O2 .H4-N
SYN: ACETATOPHENYLMERCURATE(1-) AMMONIUM SALT * PHENYL MERCURY AMMONIUM ACETATE * SETRETE

TOXICITY DATA AND REFERENCES:
* unk-mam LD50:500 mg/kg FMCHA2 -,C212,83

OU9635000 MERCURATE(4-), BIS(N,N-BIS(CARBOXYMETHYL)GLYCINATO(3-)-N,O,O',O'')-, TETRAHYDROGEN

UPDT:8305 CAS: 73128-65-1 MW: 576.85 MOLFM: C12-H12-Hg-N2-O12
SYN: ACETIC ACID, NITRILOTRI-, MERCURY(II) complex * MERCURY, NITRILOTRIACETATE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:191 mg/kg JEPTDQ 2(6),1529,79
* ivn-mus LD50:7500 ug/kg JEPTDQ 2(6),1529,79

MERCURATE(1-), (4-CARBOXYLATOPHENYL)HYDROXY-, HYDROGEN (9CI) see: OV8070000

OU9651000 MERCURATE(2-), ((CYCLOHEXYLENEDINITRILO)TETRACETATO)-

UPDT:8305 MW: 542.93 MOLFM: C14-H18-Hg-N2-O8
SYN: MERCURY CYCLOHEXYLDIAMINETETRAACETATE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:239 mg/kg JEPTDQ 2(6),1529,79
* ivn-mus LD50:8900 ug/kg JEPTDQ 2(6),1529,79

OU9655000 MERCURATE(1-), ETHYL(MERCAPTOACETATO(2-)-O,S)-, POTASSIUM

UPDT:7907 CAS: 64048-06-2 MW: 358.86 MOLFM: C4-H7-Hg-O2-S .K
SYN: POTASSIUM ETHYLMERCURIC THIOGLYCOLLATE

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:30 mg/kg JPETAB 35,343,29
ivn-rbt LDLo:20 mg/kg JPETAB 35,343,29

REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74

OU9660000 MERCURATE(1-), (MERCAPTOACETATO(2-)-O,S)METHYL-, SODIUM

UPDT:7907 CAS: 64048-07-3 MW: 328.72 MOLFM: C3-H5-Hg-O2-S .Na
SYN: SODIUM METHYLMERCURIC THIOGLYCOLLATE * THIOGLYCOLIC ACID, S-(METHYLMERCURIC)-, SODIUM SALT

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:40 mg/kg JPETAB 35,343,29
ivn-rbt LDLo:20 mg/kg JPETAB 35,343,29

REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74

OU9670000 MERCURATE (2-), TETRAIODO-, DIPOTASSIUM

UPDT:8308 CAS: 7783-33-7 MW: 786.39 MOLFM: Hg-I4-K2
SYN: CHANNING'S SOLUTION * MERCURIC POTASSIUM IODIDE * MERCURY(II) POTASSIUM IODIDE * MERCURIC POTASSIUM IODIDE, SOLID (DOT) * NESSLER REAGENT * POTASSIUM MERCURIC IODIDE * POTASSIUM TETRAIODOMERCURATE (II) * SOLUTION POTASSIUM IODOHYDRAGYRATE * UN 1643 (DOT)

TOXICITY DATA AND REFERENCES:
* skn-gpg LDLo:1000 mg/kg AEHLAU 11,201,65
* ipr-gpg LDLo:1000 mg/kg AEHLAU 11,201,65

REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MERCURE (French) see: OV4550000
MERCURIACETATE see: AI8575000
MERCURIALIN see: PF6300000
MERCURIC ACETATE see: AI8575000
MERCURIC ACETATE (DOT) see: AI8575000
MERCURIC AMMONIUM CHLORIDE see: OV7020000
MERCURIC AMMONIUM CHLORIDE, SOLID (DOT) see: OV7020000
MERCURIC ARSENATE see: OV7040000
MERCURIC ARSENATE (DOT) see: OV7040000
MERCURIC BASIC SULFATE see: OW8810000
MERCURIC BENZOATE see: OV7060000
MERCURIC BENZOATE, SOLID (DOT) see: OV7060000
MERCURIC BICHLORIDE see: OV9100000
MERCURIC BROMIDE see: OV7415000
MERCURIC BROMIDE, SOLID (DOT) see: OV7415000
MERCURIC CHLORIDE see: OV9100000
MERCURIC CHLORIDE, AMMONIATED see: OV7020000
MERCURIC CHLORIDE, SOLID (DOT) see: OV9100000
MERCURIC CYANIDE see: OW1515000
MERCURIC CYANIDE, SOLID (DOT) see: OW1515000
MERCURIC DIACETATE see: AI8575000
MERCURIC IODIDE see: OW5250000
MERCURIC IODIDE, solution (DOT) see: OW5250000
MERCURIC IODIDE, RED see: OW5250000
MERCURIC IODIDE, SOLID (DOT) see: OW5250000
MERCURIC NITRATE see: OW8225000
MERCURIC NITRATE (DOT) see: OW8225000
MERCURIC OLEATE see: OW8600000
MERCURIC OLEATE, SOLID (DOT) see: OW8600000
MERCURIC OXIDE see: OW8750000
MERCURIC OXIDE, RED see: OW8750000
MERCURIC OXIDE, SOLID (DOT) see: OW8750000
MERCURIC OXIDE, YELLOW see: OW8750000
MERCURIC OXYCYANIDE see: OW1530000
MERCURIC OXYCYANIDE, solid (desensitized) (DOT) see: OW1530000
MERCURIC POTASSIUM CYANIDE see: TT6230000
MERCURIC POTASSIUM CYANIDE, SOLID (DOT) see: TT6230000
MERCURIC POTASSIUM IODIDE see: OU9670000
MERCURIC POTASSIUM IODIDE, SOLID (DOT) see: OU9670000
MERCURIC SALICYLATE see: OX0300000
MERCURIC SALICYLATE, SOLID (DOT) see: OX0300000
MERCURIC SUBSULFATE, SOLID (DOT) see: OW8810000
MERCURIC SULFATE see: OX0500000
MERCURIC SULFATE, SOLID (DOT) see: OX0500000
MERCURIC SULFOCYANATE see: XL1550000
MERCURIC SULFO CYANATE, SOLID (DOT) see: XL1550000
MERCURIC SULFOCYANIDE see: XL1550000
MERCURIC THIOCYANATE, SOLID (DOT) see: XL1550000
MERCURIDIACETALDEHYDE see: OV7365000
N,N'-MERCURIDIANILINE see: OW2050000
MERCURI-HEMATOPORPHYRIN DISODIUM SALT see: OW2500000
MERCURIO (Italian) see: OV4550000
MERCURIPHENYL ACETATE see: OV6475000
MERCURIPHENYL CHLORIDE see: OW1400000
MERCURIPHENYL NITRATE see: OW8400000
MERCURISALICYLIC ACID see: OX0300000
MERCUROCHLORIDE (Dutch) see: OV8750000
MERCUROCHROME see: LM5250000
MERCUROCHROME-220 SOLUBLE see: LM5250000
MERCUROCOL see: LM5250000

OV3200000 MERCUROL

UPDT:8308 CAS: 12002-19-6
SYN: MERCUROL (DOT) * MERCURY NUCLEATE, SOLID (DOT) * UN 1639 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

MERCUROL (DOT) see: OV3200000
MERCUROME see: LM5250000
MERCUROPHAGE see: LM5250000
MERCUROTHIOLATE see: OV8400000
MERCUROUS ACETATE see: AI8570000
MERCUROUS ACETATE, SOLID (DOT) see: AI8570000
MERCUROUS AZIDE (DOT) see: OV7045000
MERCUROUS BROMIDE see: OV7410000
MERCUROUS BROMIDE, SOLID (DOT) see: OV7410000
MERCUROUS CHLORIDE see: OV8750000
MERCUROUS GLUCONATE see: OW4060000
MERCUROUS GLUCONATE, SOLID (DOT) see: OW4060000
MERCUROUS IODIDE see: OW5075000
MERCUROUS IODIDE, SOLID (DOT) see: OW5075000
MERCUROUS NITRATE see: OW8000000
MERCUROUS NITRATE, SOLID (DOT) see: OW8000000
MERCUROUS OXIDE, BLACK, SOLID (DOT) see: OW8700000
MERCUROUS SULFATE see: OX0480000
MERCUROUS SULFATE, SOLID (DOT) see: OX0480000

OV4550000 MERCURY

UPDT:8412 CAS: 7439-97-6 MW: 200.59 MOLFM: Hg
SYN: COLLOIDAL MERCURY * KWIK (Dutch) * MERCURE (French) * MERCURIO (Italian) * MERCURY, METALLIC (DOT) * METALLIC MERCURY * NA 2809 (DOT) * NCI-C60399 * QUECKSILBER (German) * QUICK SILVER * RCRA WASTE NUMBER U151 * RTEC (Polish) * UN 2809 (DOT)

MUTATION DATA AND REFERENCES:
cyt-man-unk 150 ug/m3 AEHLAU 34,461,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 ihl-rat TCLo:890 ng/m3/24H (16W male) GISAAA 45(3),72,80
1T25 ihl-rat TCLo:7440 ng/m3/24H (16W male) GISAAA 45(3),72,80

TUMORIGENIC DATA AND REFERENCES:
2V03V10 ipr-rat TDLo:400 mg/kg/14D-I ZEKBAI 61,511,57

TOXICITY DATA AND REFERENCES:
3F03F14K12 ihl-wmn TCLo:150 ug/m3/46D AEHLAU 33,186,78
ihl-rbt LCLo:29 mg/m3/30H AMIHBC 7,19,53

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJOGAH 126(3),390,76; JTEHD6 2(3),491,77; TRBMAV 33(1),85,75; PHJOAV 213(5781),159,74; JDSCAE 58(12),1767,75; CFEDAM 13,783,74; QURBAW 7(1),75,74; AEMBAP 48,463,74, JAVMA4 164(3),277,74; CRTXB2 2,365,73; AEMBAP 40,239,73; CTOXAO 5(2),151,72; BIOGAL 41(7),208,75; ADTEAS 5,51,72; RREVAH 42,103,72; FOREAE 7,313,42; NISIA9 27(9),942,74; MIBUBI 9(4),321,75; STEVA8 2(4),341,74; ENVRAL 13,36,77; 85CVA2 5,63,70; JOCMA7 2,337,60; PEXTAR 12,102,69; PDTNBH 6,204,77; 49DXAV -,57,83
★ TLV-TWA 50 ug/m3; STEL 150 ug/m3 DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:Cl 1 mg/10m3 (SCP-N) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-B; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 165
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 6000
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0345
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MERCURY ACETATE see: AI8575000
MERCURY ACETATE (Hg(O2C2H3)2) see: AI8575000
MERCURY ACETATE (HgOAc) see: AI8570000
MERCURY(II) ACETATE see: AI8575000
MERCURY(2+) ACETATE see: AI8575000
MERCURY (II) ACETATE, PHENYL- see: OV6475000
MERCURY, ACETATO(2-AMINO-5-NITROPHENYL)- see: BW6825000

OV5550000 MERCURY, (ACETATO)(p-AMINOPHENYL)-
UPDT:7908 CAS: 6283-24-5 MW: 351.77 MOLFM: C8-H9-Hg-N-O2
SYN: (ACETATO)(p-AMINOPHENYL)MERCURY * p-(ACETOXYMERCURI)ANILINE * p-AMINOPHENYLMERCURIC ACETATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#04750
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OV6125000 MERCURY, (ACETATO)ETHYL-
UPDT:7901 CAS: 109-62-8 MW: 288.71 MOLFM: C4-H8-Hg-O2
SYN: (ACETATO-O)ETHYLMERCURY * ETHYLMERCURIC ACETATE
TOXICITY DATA AND REFERENCES:
orl-ckn LDLo:29 mg/kg TXAPA9 3,459,61
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74

OV6300000 MERCURY, (ACETATO)(2-METHOXYETHYL)-
UPDT:8309 CAS: 151-38-2 MW: 318.74 MOLFM: C5-H10-Hg-O3
SYN: ACETATO(2-METHOXYETHYL)MERCURY * CEKUSIL UNIVERSAL A * LANDISAN * MeEHg * MEMA * MERCURAN * MERCURY, ACETOXY(2-METHOXYETHYL)- * METHOXYETHYL MERCURIC ACETATE * METHOXYETHYLMERCURY ACETATE * PANOGEN * PANOGEN M * RADOSAN
MUTATION DATA AND REFERENCES:
cyt-dmg-orl 15900 ug/L HEREAY 74,89,73
TOXICITY DATA AND REFERENCES:
orl-rat LD50:16 mg/kg OCHRAI 15,5,63
unk-rat LD50:80 mg/kg RPTOAN 35,195,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BIOGAL 41(7),208,75
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OV6400000 MERCURY, (ACETATO)(o-NITROPHENYL)-
UPDT:7901 CAS: 63868-95-1 MW: 381.75 MOLFM: C8-H7-Hg-N-O4
SYN: o-NITROPHENYLMERCURY ACETATE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg NCNSA6 5,30,53
ipr-rat LDLo:25 mg/kg NCNSA6 5,30,53
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

OV6475000 MERCURY, (ACETATO)PHENYL-
UPDT:8406 CAS: 62-38-4 MW: 336.75 MOLFM: C8-H8-Hg-O2
SYN: ACETATE PHENYLMERCURIQUE (French) * (ACETATO)PHENYLMERCURY * ACETIC ACID, PHENYLMERCURY DERIV. * (ACETOXYMERCURI)BENZENE * ACETOXYPHENYLMERCURY * AGROSAN * AGROSAN GN 5 * ALGIMYCIN * ANTIMUCIN WDR * BENZENE, (ACETOXYMERCURI)- * BENZENE, (ACETOXYMERCURIO)- * BUFEN * CEKUSIL * CELMER * CERESAN * CERESAN UNIVERSAL * CONTRA CREME * DYANACIDE * FEMMA * FENYLMERCURIACETAT (Czech) * FMA * FUNGITOX OR * GALLOTOX * HL-331 * HONG NIEN * HOSTAQUICK * HOSTAQUIK * KWIKSAN * LEYTOSAN * LIQUIPHENE * MERCUFIPHENYL ACETATE * MERCURY (II) ACETATE, PHENYL- * MERCURY, ACETOXYPHENYL- * MERSOLITE * MERSOLITE 8 * METASOL 30 * NORFORMS * NYLMERATE * OCTAN FENYLRTUTNATY (Czech) * PAMISAN * PHENMAD * PHENOMERCURIC ACETATE * PHENYLMERCURIACETATE * PHENYL MERCURIC ACETATE * PHENYLMERCURIC ACETATE (DOT) * PHENYLMERCURY ACETATE * PHENYLQUECKSILBERACETAT (German) * PHIX * PMA * PMAC * PMACETATE * PMAL * PMAS * PURASAN-SC-10 * PURATURF 10 * QUICKSAN * QUICKSAN 20 * RCRA WASTE NUMBER P092 * SANITIZED SPG * SC-110 * SCUTL * SEEDTOX * SHIMMEREX * SPOR-KIL * TAG * TAG 331 * TAG FUNGICIDE * TAG HL 331 * TRIGOSAN * UN 1674 (DOT) * ZIARNIK
IRRITATION DATA AND REFERENCES:
skn-hmn 100 ug/24H SEV ARDEAC 106,129,72
eye-rbt 50 ug/24H SEV 28ZPAK -,224,72
MUTATION DATA AND REFERENCES:
mrc-bcs 1 mmol/L MUREAV 77,109,80
cyt-pig-orl 160 mg/kg/32D-C VETNAL 51(8),91,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T55T59 orl-rat TDLo:15 mg/kg (6-10D preg) PARWAC 22,263,80
1T35 scu-mus TDLo:110 ug/kg (8D preg) ARINAU 3,88,56
2T35T46 ivg-mus TDLo:110 ug/kg (7D preg) ARINAU 3,88,56
3T34T55T59 orl-rbt TDLo:9 mg/kg (8-12D preg) PARWAC 22,263,80
1T34 orl-ham TDLo:20 mg/kg (5D preg) PARWAC 22,263,80
3T25T34T55 ivn-ham TDLo:7500 ug/kg (8D preg) LSBGAY 10,1341,71
1T41 ivn-ham TDLo:8 mg/kg (8D preg) LSBGAY 10,1341,71
1T25 ipr-mam TDLo:125 ug/kg (8D preg) TXCYAC 6,281,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:22 mg/kg FMCHA2 -,C191,83
orl-mus LD50:26 mg/kg KUMJAX 14,65,61
ipr-mus LD50:8 mg/kg AMSVAZ 143,365,52
scu-mus LD50:37 mg/kg KUMJAX 14,65,61
* ivn-mus LD50:18 mg/kg CSLNX* NX#00921
orl-ckn LD50:60 mg/kg PCOC** -,885,66
* orl-qal LD50:71 mg/kg AXVMAW 34,383,80
* ipr-mam LD50:10 mg/kg TXCYAC 6,281,76
unk-mam LD50:17 mg/kg 30ZDA9 -,295,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJOGAH 126,390,76; SDGTB3 1(2),177,71; BIOGAL 41(7),208,75; ADTEAS 5,51,72
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OV6550000 MERCURY, (ACETATO)PHENYL- mixed with MERCURY, CHLOROETHYL- (19:1)
UPDT:7901
SYN: PHENYLMERCURY ACETATE 95% plus ETHYLMERCURY CHLORIDE 5%
TOXICITY DATA AND REFERENCES:
orl-rat LD50:22 mg(Hg)/kg OCHRAI 15,5,63
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

OV6655000 MERCURY, ACETATO(3-(1,2,3,6-TETRAHYDRO-1,3-DIMETHYL-2,6-DIOXOPURIN-7-YL)-2-METHOXYPROPYL)-
UPDT:8402 MW: 510.94 MOLFM: C13-H18-Hg-N4-O5
SYN: ACETATO(3-(1,2,3,6-TETRAHYDRO-1,3-DIMETHYL-2,6-DIOXOPURIN-7-YL)-2-METHOXYPROPYL)MERCURY * ACETOXYMERCURI-3' METHOXY-2' PROPYL-7 THEOPHYLLINE (French)
TOXICITY DATA AND REFERENCES:
* ipr-gpg LD50:15400 ug/kg APFRAD 12,635,54

OV6680000 MERCURY, (ACETATO)(2,3,5,6-TETRAMETHYLPHENYL)-
UPDT:7901 CAS: 21450-81-7 MW: 392.87 MOLFM: C12-H16-Hg-O2
SYN: (ACETATO)(2,3,5,6-TETRAMETHYLPHENYL)MERCURY * (2,3,5,6-TETRAMETHYLPHENYL)MERCURY ACETATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg CSLNX* NX#05139
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

OV6725000 MERCURY, ACETOXY(2-ACETAMIDO-5-NITROPHENYL)-
UPDT:7904 CAS: 64058-72-6 MW: 438.81 MOLFM: C10-H10-Hg-N2-O5
SYN: ACETANILIDE, 2'-(ACETOXYMERCURI)-4'-NITRO- * ACETOXY(2-ACETAMIDO-5-NITROPHENYL)MERCURY
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:500 mg/kg NCNSA6 5,8,53
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

MERCURY, ACETOXY(2-METHOXYETHYL)- see: OV6300000
MERCURY, ACETOXYPHENYL- see: OV6475000

OV7010000 MERCURY ACETYLIDE (DOT)
UPDT:8308 CAS: 68833-55-6 MW: 225.62 MOLFM: C2-H-Hg
STANDARDS & REGULATIONS: ARD
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

OV7020000 MERCURY AMIDE CHLORIDE
UPDT:8406 CAS: 10124-48-8 MW: 252.07 MOLFM: Cl-H2-Hg-N
SYN: AMINOMERCURIC CHLORIDE * AMMONIATED MERCURY * MERCURIC AMMONIUM CHLORIDE * MERCURIC AMMONIUM CHLORIDE, SOLID (DOT) * MERCURIC CHLORIDE, AMMONIATED * MERCURY AMINE CHLORIDE * MERCURY AMMONIATED * UN 1630 (DOT) * WHITE MERCURY PRECIPITATED * WHITE PRECIPITATE
TOXICITY DATA AND REFERENCES:
1K12 orl-rat LD50:170 mg/kg GISAAA 47(6),68,82
* orl-mus LD50:98600 ug/kg GISAAA 47(6),68,82
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: SDGTB3 1(2),177,71
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MERCURY AMINE CHLORIDE see: OV7020000
MERCURY AMMONIATED see: OV7020000

OV7040000 MERCURY(II) o-ARSENATE
UPDT:8312 CAS: 7784-37-4 MW: 340.52 MOLFM: As-H-O4-Hg
SYN: MERCURIC ARSENATE * MERCURIC ARSENATE (DOT) * UN 1623 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 FEREAC 43,19584,78
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M NTIS**

OV7045000 MERCURY AZIDE
UPDT:8308 CAS: 38232-63-2 MW: 485.24 MOLFM: Hg2-N6
SYN: MERCUROUS AZIDE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

OV7050000 MERCURY, (1,2-BENZENEDIOLATO-O)PHENYL-
UPDT:7901 CAS: 3688-11-7 MW: 386.81 MOLFM: C12-H10-Hg-O2
SYN: MERCURY, PHENYL-, CATECHOLATE * PHENYL MERCURY CATECHOLATE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:50 mg/kg OCHRAI 15,5,63
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 50 ug(Hg)/m3 NTIS**

OV7060000 MERCURY(II) BENZOATE
UPDT:8401 CAS: 583-15-3 MW: 442.83 MOLFM: C14-H10-O4 Hg
SYN: MERCURIC BENZOATE * MERCURIC BENZOATE, SOLID (DOT) * UN 1631 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

MERCURY BICHLORIDE see: OV9100000
MERCURY BINIODIDE see: OW5250000

OV7354000 MERCURY(II), BIS(L-CYSTEINATO)-
UPDT:8305 MW: 440.91 MOLFM: C6-H12-Hg-N2-O4-S2
SYN: BIS(L-CYSTEINATO)MERCURY * CYSTEINE, L-, MERCURY COMPLEX
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:8400 ug/kg JEPTDQ 2(6),1529,79

OV7365000 MERCURY, BIS(FORMYLMETHYL)-
UPDT:7901 CAS: 4387-13-7 MW: 286.69 MOLFM: C4-H6-Hg-O2
SYN: MERCURIDIACETALDEHYDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#05651
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74

OV7369000 MERCURY(II), BIS(3-MERCAPTO-DL-VALINATO)-
UPDT:8305 CAS: 28232-70-4 MW: 497.03 MOLFM: C10-H20-Hg-N2-O4-S2
SYN: MERCURY-DL-PENICILLAMINE chelated * VALINE, 3-MERCAPTO-, DL-, MERCURY COMPLEX
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:9600 ug/kg JEPTDQ 2(6),1529,79

OV7369200 MERCURY(2-), BIS(DL-3-MERCAPTOVALINATO)DICHLORO-
UPDT:8308 MW: 569.95 MOLFM: C10-H22-N2-O4-S2 .Cl2-Hg
SYN: BIS(DL-3-MERCAPTOVALINATO)DICHLOROMERCURY(2-) * BIS-DL-PENICILLAMINE MERCURY CHLORIDE * MERCURY CHLORIDE BIS-DL-PENICILLAMINE CHELATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:4 ug/kg ACVEAV 29,29,78

OV7369400 MERCURY(II), BIS(DL-METHIONATO)-
UPDT:8305 CAS: 31210-58-9 MW: 499.05 MOLFM: C10-H22-Hg-N2-O4-S2
SYN: BIS(DL-METHIONATO)MERCURY
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:8700 ug/kg JEPTDQ 2(6),1529,79

MERCURY BISULFATE see: OX0500000
MERCURY BISULPHATE (DOT) see: OX0500000

OV7410000 MERCURY(I) BROMIDE (1:1)
UPDT:8308 CAS: 10031-18-2 MW: 280.50 MOLFM: Br-Hg
SYN: MERCUROUS BROMIDE * MERCUROUS BROMIDE, SOLID (DOT) * UN 1634 (DOT)
REVIEW AND REFERENCES:
★ TLV TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

OV7415000 MERCURY(II) BROMIDE (1:2)
UPDT:8308 CAS: 7789-47-1 MW: 360.41 MOLFM: Br2-Hg
SYN: MERCURIC BROMIDE * MERCURIC BROMIDE, SOLID (DOT) * UN 1634 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254.80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OV7424000 MERCURY, BROMOHEXYL
UPDT:8204 CAS: 18431-36-2 MW: 365.69 MOLFM: C6-H13-Br-Hg
SYN: BROMOHEXYLMERCURY * HEXYL MERCURY BROMIDE * HMB
MUTATION DATA AND REFERENCES:
cyt-ham:oth 1400 nmol/L HEREAY 79,306,75
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

OV7425000 MERCURY, BROMO(2-HYDROXYETHYL)-
UPDT:8105 CAS: 23471-13-8 MW: 325.57 MOLFM: C2-H5-Br-Hg-O
SYN: BROMO(2-HYDROXYETHYL)MERCURY * 2-(BROMOMERCURI)ETHANOL * ETHANOLMERCURY BROMIDE
TOXICITY DATA AND REFERENCES:
3F17K12U26 orl-rat LD50:16 mg/kg PCJOAU 11,918,77
3F17K12U26 orl-mus LD50:16500 ug/kg PCJOAU 11,918,77
* ivn-mus LD50:56 mg/kg CSLNX* NX#05830
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OV7426000 MERCURY, BROMO(2-HYDROXYETHYL)-, compd. with AMMONIA (1:0.8 moles)
UPDT:7901 CAS: 23483-74-1
SYN: BROMO(2-HYDROXYETHYL)MERCURY AMMONIA SALT * 2-(BROMOMERCURI) ETHANOL-AMMONIA (1:0.8 moles) compound
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#05832

REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74

OV7430000 MERCURY, BROMOPHENYL-
UPDT:8205 CAS: 1192-89-8 MW: 357.61 MOLFM: C6-H5-Br-Hg
SYN: AGRONAL * PHENYLMERCURIC BROMIDE * PHENYLMERCURY BROMIDE
TOXICITY DATA AND REFERENCES:
unk-rat LD50:55 mg/kg 30ZDA9 -,295,71
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

OV7700000 MERCURY, BUTYLCHLORO-
UPDT:8011 CAS: 543-63-5 MW: 293.17 MOLFM: C4-H9-Cl-Hg
SYN: BMC * n-BUTYLMERCURIC CHLORIDE
MUTATION DATA AND REFERENCES:
cyt-hmn:hla 1 mg/L JJEMAG 39,47,69
TOXICITY DATA AND REFERENCES:
scu-rat LDLo:73 mg/kg JJEMAG 39,47,69
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3:CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,34540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

MERCURY BUTYRATE, PHENYL- see: OV7780000

OV7780000 MERCURY, (BUTYRATO)PHENYL-
UPDT:7901 CAS: 2440-29-1 MW: 364.81 MOLFM: C10-H12-Hg-O2
SYN: MERCURY BUTYRATE, PHENYL- * MERCURY, PHENYL(BUTYRYLOXY)-
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:16 mg/kg CBCCT* 3,53,51
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

OV7930000 MERCURY, (CARBOXYMETHYLTHIO)(3-(1,2,3,6-TETRAHYDRO-1,3-DIMETHYL-2,6-DIOXOPURIN-7-YL)-2- METHOXYPROPYL)-
UPDT:8402 MW: 543.00 MOLFM: C13-H18-Hg-N4-O5-S
SYN: CARBOXYMETHYLTHIOMERCURIMETHOXYPROPYL-7 THEOPHYLLINE (French)
TOXICITY DATA AND REFERENCES:
* ipr-gpg LD50:87 mg/kg APFRAD 12,635,54

OV8050000 MERCURY, (p-CARBOXYPHENYL)CHLORO-
UPDT:7905 CAS: 59-85-8 MW: 357.16 MOLFM: C7-H5-Cl-Hg-O2
SYN: p-CHLORO-MERCURIC BENZOIC ACID * BENZOIC ACID, p-(CHLOROMERCURI) * USAF D-3
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:25 mg/kg NTIS** AD277-689
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OV8070000 MERCURY, (p-CARBOXYPHENYL)HYDROXY-
UPDT:8309 CAS: 1126-48-3 MW: 338.72 MOLFM: C7-H6-Hg-O3
SYN: (p-CARBOXYPHENYL)HYDROXYMERCURY * p-HYDROXYMERCURIBENZOATE * p-HYDROXYMERCURIBENZOIC ACID * MERCURATE(1-), (4-CARBOXYLATOPHENYL)HYDROXY-, HYDROGEN (9CI)
MUTATION DATA AND REFERENCES:
dni-mus:oth 1 mmol/L BBACAQ 425,1,76

OV8100000 MERCURY, (o-CARBOXYPHENYL)HYDROXY-, SODIUM SALT
UPDT:7901 CAS: 55939-60-1 MW: 360.70 MOLFM: C7-H5-Hg-O3 .Na
SYN: SODIUM o-HYDROXYMERCURIBENZOATE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:15500 ug/kg JAPMA8 36,30,47
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

OV8150000 MERCURY, (p-CARBOXYPHENYL)HYDROXY-, SODIUM SALT
UPDT:7901 CAS: 138-85-2 MW: 360.70 MOLFM: C7-H5-Hg-O3 .Na
SYN: SODIUM p-HYDROXYMERCURIBENZOATE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:4960 ug/kg JAPMA8 36,30,47
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OV8400000 MERCURY, ((o-CARBOXYPHENYL)THIO)ETHYL-, SODIUM SALT
UPDT:8403 CAS: 54-64-8 MW: 404.82 MOLFM: C9-H9-Hg-O2-S .Na
SYN: ((o-CARBOXYPHENYL)THIO)ETHYLMERCURY SODIUM SALT * ELCIDE 75 * ELICIDE * ETHYL(2-MERCAPTOBENZOATO-S)MERCURY SODIUM SALT * o-(ETHYLMERCURITHIO)BENZOIC ACID SODIUM SALT * ETHYLMERCURITHIOSALICYLIC ACID SODIUM SALT * ETHYL (SODIUM o-MERCAPTOBENZOATO)MERCURY * MERCUROTHIOLATE * MERCURY, ETHYL(2-MERCAPTOBENZOATE-S)-, SODIUM SALT * MERFAMIN * MERTHIOLATE * MERTHIOLATE SALT * MERTHIOLATE SODIUM * MERTORGAN * MERZONIN * MERZONIN SODIUM * MERZONIN, SODIUM SALT * SET * SODIUM ETHYLMERCURIC THIOSALICYLATE * SODIUM o-(ETHYLMERCURITHIO)BENZOATE * SODIUM ETHYLMERCURITHIOSALICYLATE * SODIUM MERTHIOLATE * THIMEROSAL * THIMEROSALATE * THIMEROSOL * THIMERSALATE * THIOMEROSAL * THIOMERSAL * THIOMERSALATE
IRRITATION DATA AND REFERENCES:
eye-rbt 8 ug MLD AJOPAA 78,98,74
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T27 ipr-rat TDLo:130 mg/kg (6-18D preg) AROPAW 93,52,75
1T35 ipr-rat TDLo:1300 mg/kg (6-18D preg) AROPAW 93,52,75
1T35 ocu-rbt TDLo:112 mg/kg (6-18D preg) AROPAW 93,52,75
1T35 ocu-rbt TDLo:65 ug/kg (6-18D preg) RIGAA3 26,631,72
TUMORIGENIC DATA AND REFERENCES:
3V02T64V10 scu-rat TDLo:104 mg/kg/1Y-I CTOXAO 4,185,71
TOXICITY DATA AND REFERENCES:
orl-rat LD50:75 mg/kg PCOC** -,1130,66
scu-rat LD50:98 mg/kg CTOXAO 4,185,71

---

* TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

unk-rat LD50:40 mg/kg 30ZDA9 -,290,71
* scu-mus LD50:66 mg/kg 85ESA3 9,1040,76
ivn-mus LDLo:30 mg/kg QJPPAL 12,212,39
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OV8750000 MERCURY(I) CHLORIDE
UPDT:8406 CAS: 7546-30-7 MW: 236.04 MOLFM: Cl-Hg
SYN: C.I. 77764 * CALOGREEN * CALOMEL * CALOMELANO (Italian) * CALOSAN * CHLORURE MERCUREUX (French) * CLORURO MERCUROSO (Italian) * CYCLOSAN * KALOMEL (German) * MERCUROCHLORIDE (Dutch) * MERCUROUS CHLORIDE * MERCURY MONOCHLORIDE * MERCURY PROTOCHLORIDE * MILD MERCURY CHLORIDE * PRECIPITE BLANC * QUECKSILBER(I)-CHLORID (German) * QUECKSILBER CHLORUER (German) * SUBCHLORIDE OF MERCURY
MUTATION DATA AND REFERENCES:
mrc-bcs 50 mmol/L MUREAV 77,109,80
TOXICITY DATA AND REFERENCES:
orl-rat LD50:210 mg/kg WRPCA2 9,119,70
1K12 orl-mus LD50:217 mg/kg GISAAA 47(6),68,82
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: SDGTB3 1(2),177,71; RREVAH 42,103,72
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OV9100000 MERCURY(II) CHLORIDE
UPDT:8412 CAS: 7487-94-7 MW: 271.49 MOLFM: Cl2-Hg
SYN: BICHLORIDE of MERCURY * BICHLORURE DE MERCURE (French) * CHLORID RTUTNATY (Czech) * CHLORURE MERCURIQUE (French) * CORROSIVE MERCURY CHLORIDE * CORROSIVE SUBLIMATE * FUNGCHEX * MC * MERCURIC BICHLORIDE * MERCURIC CHLORIDE * MERCURIC CHLORIDE, SOLID (DOT) * MERCURY BICHLORIDE * MERCURY PERCHLORIDE * NCI-C60173 * QUECKSILBER CHLORID (German) * PERCHLORIDE of MERCURY * SULEMA (Russian) * SUBLIMAT (Czech) * TL 898 * UN 1624 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV 28ZPAK -,12,72
eye-rbt 50 ug/24H SEV 28ZPAK -,12,72
MUTATION DATA AND REFERENCES:
dnd-esc 33 pph PNASA6 67,1390,70
mrc-bcs 50 mmol/L MUREAV 77,109,80
dnd-omi 33 pph PNASA6 67,1390,70
cyt-hmn:hla 10 mg/L JJEMAG 39,47,69
cyt-hmn:lym 32 umol/L ESKGA2 26,99,80
dnd-rat:emb 5 umol/L MUREAV 124,163,83
dlt-rat-orl 250 ng/kg MUREAV 124,163,83
dlt-rat-unk 2500 ug/kg CYGEDX 16(2),25,82
dni-mus-ipr 1 mg/kg JPETAB 194,171,75
dni-mus:oth 50 umol/L TXAPA9 53,24,80
dni-mus:spr 10 umol/L JPETAB 194,171,75
mma-mus:lym 6 mg/L JTEHD6 9,367,82
dnd-mus-orl 1 mmol/L BICHAW 13,313,74
dnd-mus:emb 50 nmol/L MUREAV 124,163,83
dns-mus:oth 1 umol/L TXAPA9 53,24,80
dlt-mus-ipr 2 mg/kg MUREAV 30,365,75
trn-mus-ipr 2 mg/kg MUREAV 30,365,75
otr-ham:emb 50 umol/L CNREA8 39,193,79
dnd-ham:ovr 2500 nmol/L/1H-C PAACA3 24,74,83
dni-ham:ovr 40 umol/L CBINA8 18,205,77
cyt-ham-scu 6400 ug/kg TJADAB 25,381,82
dnd-mam:lym 33 pph PNASA6 67,1390,70
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T27 orl-wmn TDLo:50 ug/kg (10W preg) AJOGAH 80,145,60
2T25T46 orl-rat TDLo:240 mg/kg (6-15D preg) TJADAB 25(1),26A,82
2T31T34 orl-rat TDLo:120 mg/kg (6-15D preg) TJADAB 25(1),26A,82
3T25T34T35 ihl-rat TCLo:2720 ng/m3/24H (1-22D preg) GISAAA 46(5),67,81
2T24T31 ihl-rat TCLo:19540 ng/m3/24H (1-22D preg) GISAAA 46(5),67,81
1T48 ihl-rat TCLo:276 ng/m3/24H (1-22D preg) GISAAA 46(5),67,81
1T02 scu-rat TDLo:5430 ug/kg (1D male) JRPFA4 7,21,64
2T01T02 itt-rat TDLo:21719 ug/kg (1D male) JRPFA4 7,21,64
1T02 scu-mus TDLo:5430 ug/kg (30D male) JRPFA4 7,21,64
1T11 scu-ham TDLo:8660 ug/kg (1D pre) TJADAB 25,381,82
1T29 scu-ham TDLo:24 mg/kg (3D pre) BIREBV 11,180,74
1T13 par-ham TDLo:8 mg/kg (1D pre) BIREBV 8,378,73
TOXICITY DATA AND REFERENCES:
3K13K30M11 orl-wmn TDLo:50 mg/kg AJOGAH 80,145,60
orl-hmn LDLo:29 mg/kg NEJMAG 244,459,51
3J20K13M11 orl-man TDLo:29 mg/kg MJAUAJ 2,125,78
unk-man LDLo:7253 ug/kg 85DCAI 2,73,70
* orl-rat LD50:1 mg/kg FMCHA2 -,C63,83
* ipr-rat LDLo:2200 ug/kg TXAPA9 67,178,83
scu-rat LD50:14 mg/kg JJEMAG 39,47,69
ivn-rat LD50:3 mg/kg LAINAW 15,176,66
orl-mus LD50:10 mg/kg JPPMAB 2,20,50
ihl-mus LCLo:300 mg/m3/10M NDRC** No.9-4-1-9,43
ipr-mus LD50:5 mg/kg COREAF 256,1043,63
3F07R21 scu-mus LD50:10 mg/kg AIPTAK 131,283,61
* ivn-mus LD50:5600 ug/kg JEPTDQ 2(6),1529,79
orl-rbt LDLo:40 mg/kg HBAMAK 4,1389,35
ivn-rbt LDLo:2 mg/kg JPETAB 35,343,29
ims-rbt LD50:7300 ug/kg JPETAB 87,119,46
* skn-gpg LDLo:345 mg/kg AEHLAU 11,201,65
* ipr-gpg LDLo:345 mg/kg AEHLAU 11,201,65
orl-pgn LDLo:2200 mg/kg HBAMAK 4,1389,35
scu-pgn LDLo:1100 mg/kg HBAMAK 4,1389,35
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJOGAH 126(3),390,76; JTEHD6 2(3),491,77; FEPRA7 34(9),1858,75; AJMEAZ 38,409,65
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MERCURY CHLORIDE BIS DL-PENICILLAMINE CHELATE see: OV7369200

OV9400000 MERCURY, CHLORO(2-(3-BROMOPROPIONAMIDO)CYCLOHEXYL)-, (E)-
UPDT:7901 CAS: 73926-87-1 MW: 469.20 MOLFM: C9-H15-Br-Cl-Hg-N-O
SYN: trans-CHLORO(2-(3-BROMOPROPIONAMIDO)CYCLOHEXYL)MERCURY * PROPIONAMIDE, 3-BROMO-N-(2-CHLOROMERCURICYCLOHEXYL)-
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg CSLNX* NX#04830
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

OV9800000 MERCURY, CHLOROETHYL-
UPDT:8408 CAS: 107-27-7 MW: 265.11 MOLFM: C2-H5-Cl-Hg
SYN: CERESAN * CHLOROETHYLMERCURY * EMC * ETHYLMERCURIC CHLORIDE * ETHYLMERCURY CHLORIDE * GANOZAN * GRANOSAN
MUTATION DATA AND REFERENCES:
sln-dmg-ihl 100 ppm MUREAV 53,219,78
cyt-hmn:hla 1 mg/L JJEMAG 39,47,69
cyt-mus-unk 920 ug/kg MUREAV 53,219,78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T24T34T35 orl-rat TDLo:9 mg/kg (14D pre/1-22D preg) TIVSAI 46,157,73
1T81 orl-rat TDLo:5600 ug/kg (28D male) TIVSAI 46,157,73
TOXICITY DATA AND REFERENCES:
orl-rat LD50:40 mg/kg TAGTBR 9,25,74
skn-rat LD50:200 mg/kg PHJOAV 185,361,60
scu-rat LD50:66 mg/kg JJEMAG 39,47,69
* orl-mus LD50:56 mg/kg 85GMAT -,68,82
ihl-mus LCLo:100 mg/m3/3H PCOC** -,510,66
ipr-mus LD50:16 mg/kg OCRAAH 3,137,68
unk-mam LD50:18 mg/kg 30ZDA9 -,287,71
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3:CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,34540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OW0350000 MERCURY, CHLORO(o-HYDROXYPHENYL)-
UPDT:8111 CAS: 90-03-9 MW: 329.15 MOLFM: C6-H5-Cl-Hg-O
SYN: CHLORO(o-HYDROXYPHENYL)MERCURY * o-CHLOROMERCURIPHENOL * o-HYDROXYPHENYLMERCURIC CHLORIDE * MERCUFENOL CHLORIDE * MERCURY, CHLORO(2-HYDROXYPHENYL)- * MYRINGACAINE DROPS * PHENOL, o-(CHLOROMERCURI)- * SALICRESIN FLUID * U-7743
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg NCNSA6 5,36,53
ipr-rat LDLo:25 mg/kg NCNSA6 5,36,53
scu-mus LD50:36 mg/kg HBTXAC 5,114,59
ivn-mus LD50:23 mg/kg HBTXAC 5,114,59
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OW0525000 MERCURY, CHLORO(p-HYDROXYPHENYL)-
UPDT:7908 CAS: 623-07-4 MW: 329.15 MOLFM: C6-H5-Cl-Hg-O
SYN: p-CHLOROMERCURIPHENOL * PHENOL, p-(CHLOROMERCURI)-
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:50 mg/kg NCNSA6 5,36,53
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MERCURY, CHLORO(2-HYDROXYPHENYL)- see: OW0350000

OW0875000 MERCURY, CHLORO(2-METHOXYETHYL)-
UPDT:8309 CAS: 123-88-6 MW: 295.14 MOLFM: C3-H7-Cl-Hg-O
SYN: AGALLOL * AGALLOLAT * AGALOL * ARATAN * ARETAN * ARETAN 6 * ATIRAN * BAYTAN * CEKUSIL UNIVERSAL C * CELMER * CERESAN-UNIVERSAL NASSBEIZE * CERESAN UNIVERSAL NAZBEIZE * CHLORO(2-METHOXYETHYL)MERCURY * EMISAN 6 * FALISAN * GRAMISAN * HIGOSAN * MEMC * MERCHLORATE * METHOXYAETHYLQUECKSILBERCHLORID (German) * (beta-METHOXYETHYL)MERCURIC CHLORIDE * METHOXYETHYL MERCURIC CHLORIDE * 2-METHOXYETHYLMERCURIC CHLORIDE * beta-METHOXYETHYLMERCURY CHLORIDE * METHOXYETHYLMERCURY CHLORIDE * 2-METHOXYETHYLMERCURY CHLORIDE * SEDRESAN * TAFASAN * TAFASAN 6W * TAYSSATO * TRIADIMENOL
MUTATION DATA AND REFERENCES:
cyt-dmg-orl 14700 ug/L HEREAY 74,89,73
cyt-hmn:leu 200 umol/L HEREAY 64,142,70
spm-mus-ipr 13 mg/kg BIZNAT 97,173,78
msc-ham:lng 100 ppb HEREAY 90,103,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:22 mg/kg FMCHA2 -,C149,83
unk-rat LD50:50 mg/kg 30ZDA9 -,292,71
orl-mus LD50:47 mg/kg KUMJAX 14,65,61
scu-mus LD50:60 mg/kg KUMJAX 14,65,61
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BIOGAL 41(7),208,75
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OW1050000 MERCURY, CHLORO(2-METHOXY-3-UREIDOPROPYL)-
UPDT:8403 CAS: 62-37-3 MW: 367.22 MOLFM: C5-H11-Cl-Hg-N2-O2
SYN: (3-((AMINOCARBONYL)AMINO)-2-METHOXYPROPYL)CHLOROMERCURY * CHLORMERODRIN * CHLORMERODRINE * CHLORMEROPRIN * 1-(3-(CHLOROMERCURI)-2-METHOXYPROPYL)UREA * CHLOROMERIDIN * CHLOROMERODRIN * DIURONE * HG-203 CHLORMERODRIN * KATONIL * MERCLORAN * MERCORAL * MERILID * NEOHYDRIN * ORICUR * PERCAPYL * PROMERAN * UREA, (3-(CHLOROMERCURI)-2-METHOXYPROPYL)- * UREA, (3-(CHLOROMERCURIO)-2-METHOXYPROPYL)- * UREA, (2-METHOXYPROPYL)-, MERCURY COMPLEX
TOXICITY DATA AND REFERENCES:
orl-rat LD50:82 mg/kg TXAPA9 18,185,71

*	orl-mus LD50:215 mg/kg	AIPTAK 143,181,63
	ipr-mus LDLo:63 mg/kg	CBCCT* 5,144,53

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OW1225000 MERCURY, CHLOROMETHYL-

UPDT:8411 CAS: 115-09-3 MW: 251.08 MOLFM: C-H3-Cl-Hg

SYN: CASPAN * CHLOROMETHYLMERCURY * MERCURYMETHYLCHLORIDE * METHYLMERCURIC CHLORIDE * METHYLMERCURY CHLORIDE * MMC * METHYL MERUIC CHLORIDE * MONOMETHYL MERCURY CHLORIDE

MUTATION DATA AND REFERENCES:

	dnr-bcs 50 mmol/L	MUREAV 31,185,75
	mrc-bcs 5 mmol/L	MUREAV 77,109,80
	cyt-dmg-orl 1560 ug/L	HEREAY 74,89,73
	dni-smc 500 nmol/L	CHDDAT 295,683,82
	dni-ssp 500 nmol/L	CHDDAT 295,683,82
	oms-hmn:leu 1 ppm	JIDZA9 20,256,76
	cyt-hmn:leu 200 umol/L	HEREAY 64,142,70
	cyt-hmn:lym 1 umol/L	ESKGA2 26,99,80
	oms-rat-ipr 10 mg/kg	TOLED5 10,31,82
	dni-mus:lym 1 umol/L	APTOD9 19,A107,80
	dni-mus:oth 50 umol/L	TXAPA9 53,24,80
	cyt-mus-orl 5 mg/kg	ANANAU 153,69,83
	cyt-ham-scu 6400 ug/kg	TJADAB 25,381,82
	cyt-ham-ipr 10 mg/kg	ENMUDM 5,679,83
	msc-ham:lng 100 ppb	HEREAY 90,103,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	orl-rat TDLo:225 ug/kg (6-14D preg)	TXAPA9 23,222,72
1T81	orl-rat TDLo:25 mg/kg (6-15D preg)	BIPCBF 8,307,74
2T35T43	orl-rat TDLo:35 mg/kg (12D preg)	SEIJBO 15,1,75
1T85	orl-rat TDLo:200 ug/kg (6-9D preg)	ARTODN 40,103,78
3T34T55T59	orl-rat TDLo:6 mg/kg (6-10D preg)	PARWAC 22,263,80
2T83T91	orl-rat TDLo:1572 ug/kg (7D preg)	LIFSAK 22,287,78
3T34T81T83	scu-rat TDLo:4 mg/kg (9D preg)	TXCYAC 8,277,77
1T51	scu-rat TDLo:5 mg/kg (9D preg)	NATUAS 251,236,74
1T85	ivn-rat TDLo:10 mg/kg (4D preg)	DEPBA5 14,213,81
1T85	unk-rat TDLo:8 mg/kg (6-9D preg)	TJADAB 29(3),18A,84
1T34	unk-rat TDLo:16 mg/kg (1-8D preg)	KUIZAR 41,506,67
3T75T81T85	unk-rat TDLo:32 mg/kg (6-9D preg)	TJADAB 27,67A,83
1T35	unk-rat TDLo:50 mg/kg (6-15D preg)	TJADAB 27,36A,83
2T81T85	unk-rat TDLo:24 mg/kg (8-19D preg)	TJADAB 28,16A,83
2T46T26	orl-mus TDLo:10 mg/kg (10D preg)	ACATA5 104,356,79
2T34T43	orl-mus TDLo:15 mg/kg (10D preg)	ACATA5 104,356,79
1T53	orl-mus TDLo:20 mg/kg (10D preg)	ACATA5 104,356,79
1T41	orl-mus TDLo:12 mg/kg (6-17D preg)	FCTXAV 11,245,73
1T25	orl-mus TDLo:5 mg/kg (9D preg)	ANANAU 153,69,83
2T34T43	ipr-mus TDLo:17500 ug/kg (11-13D preg)	ENVRAL 24,259,81
3T25T34T85	scu-mus TDLo:8 mg/kg (12D preg)	DNEUD5 5,216,82
2T34T43	scu-mus TDLo:20 mg/kg (10-11D preg)	TJADAB 28,437,83
2T39T43	scu-mus TDLo:6260 ug/kg (12D preg)	TJADAB 16,187,77
1T31	scu-mus TDLo:34932 ug/kg (7-12D preg)	ENVRAL 19,39,79
1T39	scu-mus TDLo:750 mg/kg (12D preg)	TJADAB 23,397,81
1T43	par-mus TDLo:10 mg/kg (11D preg)	TJADAB 18,145,78
1T71	orl-dog TDLo:6300 ug/kg (1-63D preg)	32OAAP 2,253,73
1T27	orl-mky TDLo:3040 ug/kg (20-38D preg)	TXAPA9 29,138,74
1T22	unk-mky TDLo:10800 ug/kg (16W pre)	TJADAB 25(2),45A,82
3T41T33T46	orl-cat TDLo:12250 ug/kg (10-58D preg)	TJADAB 8,293,73
3T34T55T59	orl-rbt TDLo:6 mg/kg (8-12D preg)	PARWAC 22,263,80
1T71	orl-pig TDLo:5700 ug/kg (1-16W preg)	32OAAP 2,253,73
2T55T59	orl-ham TDLo:15 mg/kg (4-8D preg)	PARWAC 22,263,80
3T41T45T46	ipr-ham TDLo:8 mg/kg (8D preg)	TJADAB 6,139,72
3T25T35T43	ipr-ham TDLo:8 mg/kg (9D preg)	TJADAB 6,139,72
1T34	ipr-ham TDLo:8 mg/kg (5D preg)	TJADAB 6,139,72
3T43T46T53	ipr-mam TDLo:22 mg/kg (15-35D preg)	TJADAB 24(2),9A,81

TUMORIGENIC DATA AND REFERENCES:

2V01M61	orl-mus TDLo:668 mg/kg/53W-C	CALEDQ 12,305,81
2V01M61	orl-mus TD :731 mg/kg/58W-C	TOLED5 18(Suppl 1),114,83
2V01M61	orl-mus TD :5359 mg/kg/58W-C	TOLED5 18(Suppl 1),114,83

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:11 mg/kg	TXAPA9 22,313,72
	ims-rat LDLo:23 mg/kg	NCIUS* PH 43-64-886,SEPT,71
	orl-mus LD50:57600 ug/kg	ACATA5 104,356,79
	ipr-mus LD50:17 mg/kg	TXAPA9 32,432,75
	ipr-mky LD50:5600 ug/kg	ENVRAL 15,5,78
	ivn-rbt LDLo:15 mg/kg	JPETAB 35,343,29
	orl-gpg LD50:21 mg/kg	TXAPA9 24,545,73
	ipr-gpg LD50:7 mg/kg	TXAPA9 24,545,73
	ipr-ham LD50:15 mg/kg	ENVRAL 15,5,78

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AJOGAH 126(3),390,76; JORCAI 76(3),265,74; BIOGAL 41(7),208,75; TJADAB 12,311,75; RREVAH 42,103,72

★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OW1400000 MERCURY, CHLOROPHENYL-

UPDT:8403 CAS: 100-56-1 MW: 313.15 MOLFM: C6-H5-Cl-Hg

SYN: BENZENE, (CHLOROMERCURI)- * CHLORID FENYLRTUTNATY (Czech) * (CHLOROMERCURI)BENZENE * CHLOROPHENYLMERCURY * FENYLMERCURICHLORID (Czech) * MERCURIPHENYL CHLORIDE * MERFAZIN * MERSOLITE 2 * PHENYL CHLOROMERCURY * PHENYL MERCURIC CHLORIDE * PHENYLMERCURY CHLORIDE * PHENYLQUECKSILBERCHLORID (German) * PMC * STOPSPOT

MUTATION DATA AND REFERENCES:

	cyt-hmn:hla 1 mg/L	JJEMAG 39,47,69

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:60 mg/kg	PHJOAV 185,361,60
	ipr-rat LDLo:50 mg/kg	NCNSA6 5,30,53
	scu-rat LD50:47 mg/kg	JJEMAG 39,47,69
	unk-rat LD50:50 mg/kg	30ZDA9 -,295,71

REVIEW AND REFERENCES:

★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OW1515000 MERCURY(II) CYANIDE

UPDT:8308 CAS: 592-04-1 MW: 252.63 MOLFM: C2-Hg-N2

SYN: CYANURE DE MERCURE (French) * MERCURIC CYANIDE * MERCURIC CYANIDE, SOLID (DOT) * UN 1636 (DOT)

TOXICITY DATA AND REFERENCES:

3K12K13M30	orl-hmn TDLo:27 mg/kg	CTOXAO 11,301,77
3F07K12K13	orl-wmn TDLo:10 mg/kg	JAMAAP 66,1694,16
	orl-rat LDLo:25 mg/kg	NCNSA6 5,28,53
	ipr-rat LDLo:7500 ug/kg	NCNSA6 5,28,53
	orl-mus LD50:33 mg/kg	NTIS** PB214-270
	ivn-rbt LDLo:2 mg/kg	JPETAB 41,21,31

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AJMEAZ 38,409,65

★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80

STANDARDS & REGULATIONS:

★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OW1530000 MERCURY CYANIDE OXIDE

UPDT:8308 CAS: 1335-31-5 MW: 469.22 MOLFM: C2-Hg2-N2-O

SYN: MERCURIC OXYCYANIDE * MERCURIC OXYCYANIDE, solid (desensitized) (DOT) * MERCURY OXYCYANIDE * MERCURY OXYCYANIDE (DOT) * UN 1642 (DOT)

TOXICITY DATA AND REFERENCES:

	ivn-rbt LDLo:2500 ug/kg	JPETAB 41,21,31

REVIEW AND REFERENCES:

★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80

STANDARDS & REGULATIONS:

★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82

★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

OW1575000 MERCURY, (3-CYANOGUANIDINO)ETHYL-

UPDT:7901 CAS: 63869-03-4 MW: 312.75 MOLFM: C4-H8-Hg-N4

SYN: ETHYLMERCURY DICYANDIAMIDE * ETHYLMERCURIC DICYANDIAMIDE

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50.19 mg/kg	OCHRAI 15,5,63

REVIEW AND REFERENCES:

★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74

OW1750000 MERCURY, (3-CYANOGUANIDINO)METHYL-

UPDT:8408 CAS: 502-39-6 MW: 298.72 MOLFM: C3-H6-Hg-N4

SYN: AGROSOL * CYANO(METHYLMERCURI)GUANIDINE * GUANIDINE, CYANO-, METHYLMERCURY deriv * MEMA * METHYLMERCURIC CYANOGUANIDINE * METHYLMERCURIC DICYANDIAMIDE * METHYLMERCURY DICYANDIAMIDE * MMD * MORSODREN * MORTON EP-227 * MORTON SOIL DRENCH * MORTON SOIL-DRENCH-C * PANDRINOX * PANO-DRENCH 4 * PANODRIN A-13 * PANOGEN * PANOGEN 15 * PANOGEN 43 * PANOGEN PX * PANOGEN TURF FUNGICIDE * PANOGEN TURF SPRAY * PANOSPRAY 30

MUTATION DATA AND REFERENCES:

	dnd-rat:lvr 3 mmol/L	MUREAV 120,133,83
	dns-rat:lvr 3 mmol/L	MUREAV 120,133,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T83T91	orl-rat TDLo:10 mg/kg (1D preg)	LIFSAK 22,287,78
1T51	orl-mus TDLo:6 mg/kg (15-19D preg)	JEPTDQ 1(3),187,78
3T25T41T43	ipr-mus TDLo:8 mg/kg (9-13D preg)	TJADAB 5,181,72
1T85	ipr-mus TDLo:8 mg/kg (9D preg)	SCIEAS 177,621,72
1T35	ipr-mus TDLo:4 mg/kg (10D preg)	ARINAU 19,61,72
3T34T35T43	ipr-mus TDLo:8 mg/kg (9D preg)	TJADAB 4,242,71
3T76T81T85	par-mus TDLo:4 mg/kg (9D preg)	TJADAB 5,267,72

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:13 mg/kg	TXAPA9 23,197,72
	unk-rat LD50:45 mg/kg	30ZDA9 -,290,71
	orl-mus LD50:20 mg/kg	PCOC** -,735,66
	ipr-mus LD50:13 mg/kg	AMSVAZ 143,365,52

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AJOGAH 126(3),390,76; TJADAB 12,311,75; RREVAH 42,103,72

★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80

★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OW1900000 MERCURY, CYANOHYDROXY-

UPDT:7901 CAS: 31065-88-0 MW: 243.62 MOLFM: C-H-Hg-N-O

TOXICITY DATA AND REFERENCES:

	scu-mus LDLo:10 mg/kg	MOLAAF 73,751,39

REVIEW AND REFERENCES:

★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

OW2000000 MERCURY CYANOMETHYL-

UPDT:8205 CAS: 2597-97-9 MW: 241.65 MOLFM: C2-H3-Hg-N

SYN: CHIPCOTE * CHIPCOTE 75 * METHYLMERCURIC CYANIDE * METHYLMERCURY CYANIDE * METHYLMERCURY NITRILE

TOXICITY DATA AND REFERENCES:

	unk-mam LD50:15 mg/kg	30ZDA9 -,291,71

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: TJADAB 12,311,75; RREVAH 42,103,72

★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74

MERCURY CYCLOHEXYLDIAMINETETRAACETATE see: OU9651000

MERCURY DIACETATE see: AI8575000

OW2050000 MERCURY, DIANILINO-

UPDT:7901 CAS: 73928-11-7 MW: 384.85 MOLFM: C12-H12-Hg-N2

SYN: DIANILINOMERCURY * N,N-MERCURIDIANILINE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:180 mg/kg	CSLNX* NX#05148

REVIEW AND REFERENCES:

★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/ m3 NTIS**

OW2070000 MERCURY, DIBENZYL-
UPDT:7901 CAS: 780-24-5 MW: 382.87 MOLFM: C14-H14-Hg
SYN: DIBENZYLMERCURY
TOXICITY DATA AND REFERENCES:
• ivn-mus LD50:56 mg/kg CSLNX* NX#03272
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/ m3 (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/ m3 NTIS**

OW2100000 MERCURY, DIBUTYL-
UPDT:7908 CAS: 629-35-6 MW: 314.85 MOLFM: C8-H18-Hg
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:8 mg/kg CBCCT* 4,230,52
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3:CL 40 ug(Hg)/ m3 (SCP-W) FEREAC 39,34540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/ m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OW2275000 MERCURY, DI-sec-BUTYL-
UPDT:7901 CAS: 691-88-3 MW: 314.85 MOLFM: C8-H18-Hg
SYN: DI-sec-BUTYLMERCURY
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:31 mg/kg CBCCT* 4,230,52
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3:CL 40 ug(Hg)/ m3 (SCP-W) FEREAC 39,34540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/ m3 NTIS**

OW2295000 MERCURY, ((1,2-DICARBOXYETHYL)THIO)(3-(1,2,3,6-TETRAHYDRO-1,3-DIMETHYL-2,6-DIOXOPURIN-7-YL)- 2-METHOXYPROPYL)-
UPDT:8402 MW: 568.98 MOLFM: C15-H20-Hg-N4-O7
SYN: alpha,beta-DICARBOXYETHYLTHIOMERCURIMETHOXYPROPYL-7 THEOPHYLLINE (French)
TOXICITY DATA AND REFERENCES:
• ipr-gpg LD50:94 mg/kg APFRAD 12,635,54

OW2350000 MERCURY, DIETHYL-
UPDT:8405 CAS: 627-44-1 MW: 258.73 MOLFM: C4-H10-Hg
SYN: DIETHYL MERCURY
MUTATION DATA AND REFERENCES:
dlt-rat-ihl 6 ug/m3/24H GISAAA 47(5),8,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 ihl-rat TCLo:6 ug/m3/24H (16W pre) GISAAA 47(5),8,82
TOXICITY DATA AND REFERENCES:
ihl-hmn LCLo:1040 ug/m3/14W CJPEA4 34,158,43
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JORCAI 76(3),265,74; RREVAH 42,103,72
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/ m3 (SCP-W) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OW2450000 MERCURY, DIHEPTYL-
UPDT:7901 CAS: 51622-02-7 MW: 399.03 MOLFM: C14-H30-Hg
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:16 mg/kg CBCCT* 4,230,52
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3:CL 40 ug(Hg)/ m3 (SCP-W) FEREAC 39,34540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/ m3 NTIS**

OW2500000 MERCURY, (DIHYDROGEN 7,12-BIS(1-HYDROXYETHYL)-3,8,13,17-TETRAMETHYL-2,18- PORPHINEDIPROPIONATE(2-))-, DISODIUM SALT
UPDT:8405 CAS: 15375-94-7 MW: 841.29 MOLFM: C34-H34-Hg-N4-O6 .2Na
SYN: HEMATOPORPHYRINMERCURY DISODIUM SALT * Hg-HEMATOPORPHYRIN-NA * MERCURI-HEMATOPORPHYRIN DISODIUM SALT * MERPHYLLIN * MERPHYRIN * M. H.
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 ipr-rat TDLo:8700 ug/kg (1D male) HIKYAJ 12,1339,66
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:23 mg/kg NYKZAU 57,219,61
scu-mus LD50:30 mg/kg NYKZAU 57,219,61
ivn-mus LD50:11500 ug/kg NYKZAU 57,219,61
ice-mus LD50:380 ug/kg NYKZAU 57,219,61
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/ m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MERCURY, (DIHYDROGEN(ETHYLENEDINITRILO)TETRAACETATO)- (8CI) see: AH4800000

OW2506000 MERCURY, (DIHYDROGEN PHOSPHATO)METHYL-
UPDT:8204 CAS: 32787-44-3 MW: 312.62 MOLFM: C-H5-Hg-O4-P
SYN: MERCURY, METHYL(PHOSPHATO(1-)-O)- (9CI) * METHYLMERCURIC PHOSPHATE * METHYLMERCURY PHSOPHATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T43 scu-mus TDLo:40 mg/kg (10D preg) ARINAU 19,61,72
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/ m3 (SCP-W) FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OW2540000 MERCURY, (DIHYDROXYPHENYL)PHENYL-
UPDT:8205 CAS: 27360-58-2 MW: 386.81 MOLFM: C12-H10-Hg-O2
SYN: GERMISAN * PHENYLMERCURIPYROCATECHIN
TOXICITY DATA AND REFERENCES:
unk-rat LD50:50 mg/kg 30ZDA9 -,295,71
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/ m3 NTIS**

OW2550000 MERCURY, ((DIHYDROXYPROPYL)THIO)METHYL-
UPDT:7901 CAS: 2597-95-7 MW: 322.79 MOLFM: C4-H10-Hg-O2-S
SYN: METHYLMERCURY PROPANEDIOLMERCAPTIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:29 mg/kg OCHRAI 15,5,63
ipr-mus LD50:47 mg/kg OCHRAI 15,5,63
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: TJADAB 12,311,75; RREVAH 42,103,72
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/ m3 (SCP-W) FEREAC 39,23540,74

MERCURY, DIISOAMYL- see: OW2800000

OW2800000 MERCURY, DIISOPENTYL-
UPDT:7901 CAS: 24423-68-5 MW: 342.91 MOLFM: C10-H22-Hg
SYN: MERCURY, DIISOAMYL-
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:16 mg/kg CBCCT* 4,230,52
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/ m3 (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/ m3 NTIS**

OW2975000 MERCURY, DIISOPROPYL-
UPDT:7901 CAS: 1071-39-2 MW: 286.79 MOLFM: C6-H14-Hg
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/ m3 (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/ m3 NTIS**

OW3010000 MERCURY, DIMETHYL
UPDT:8309 CAS: 593-74-8 MW: 230.67 MOLFM: C2-H6-Hg
SYN: DIMETHYL MERCURY
MUTATION DATA AND REFERENCES:
dnd-omi 600 mg/L NATUAS 257,422,75
oms-mus:oth 25 mg/L MUREAV 17,93,73
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/ m3 (SCP-W) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

OW3150000 MERCURY, DIPHENYL-
UPDT:7908 CAS: 587-85-9 MW: 354.81 MOLFM: C12-H10-Hg
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg NCNSA6 5,30,53
ipr-rat LDLo:50 mg/kg NCNSA6 5,30,53
ipr-mus LDLo:250 mg/kg CBCCT* 4,231,52
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/ m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OW3325000 MERCURY, DIPROPYL-
UPDT:7901 CAS: 628-85-3 MW: 286.79 MOLFM: C6-H14-Hg
SYN: DIPROPYL MERCURY
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:2 mg/kg CBCCT* 4,320,52
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3:CL 40 ug(Hg)/ m3 (SCP-W) FEREAC 39,34540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/ m3 NTIS**

OW3335000 MERCURY, (DODECYLTHIO)PHENYL-
UPDT:7901 CAS: 5416-74-0 MW: 479.13 MOLFM: C18-H30-Hg-S
SYN: (DODECYLTHIO)PHENYLMERCURY * SULFIDE, DODECYL PHENYLMERCURI
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:16 mg/kg CBCCT* 1,46,49
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/ m3 NTIS**

MERCURY(II) EDTA COMPLEX see: AH4800000

OW3363000 MERCURY, ETHYL(HYDROGEN CYSTEINATO)-
UPDT:8012 CAS: 21082-50-8 MW: 349.82 MOLFM: C5-H11-N-O2-S. Hg
SYN: ETHYLMERCURIC CYSTEINE
MUTATION DATA AND REFERENCES:
cyt-hmn:hla 1 mg/L JJEMAG 39,47,69
TOXICITY DATA AND REFERENCES:
scu-rat LD50:131 mg/kg JJEMAG 39,47,69
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/ m3 (SCP-W) FEREAC 39,23540,74

MERCURY, ETHYL(4-MERCAPTOBENZENESULFONATO-S-(sup 4))-, SODIUM SALT see: OW3780000

MERCURY, ETHYL(2-MERCAPTOBENZOATE-S)-, SODIUM SALT see: OV8400000

MERCURY, ETHYL(N-PHENYL-p-TOLUENESULFONAMIDATO)- see: OW3850000

MERCURY, ETHYL(N-PHENYL-p-TOLUENESULFONAMIDO)- see: OW3850000

OW3750000 MERCURY, ETHYL(PHOSPHATO(1-))-

UPDT:8408 CAS: 2235-25-8 MW: 326.65 MOLFM: C2-H7-Hg-O4-P

SYN: EMP * ETHYLMERCURIC PHOSPHATE * ETHYLMERCURY PHOSPHATE * GRANOSAN M * LIGNASAM * N. I. CERESAN * RUBERON * SOILSIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T33 scu-mus TDLo:40 mg/kg (10D preg) CAJPBD 7,53,67

TOXICITY DATA AND REFERENCES:

orl-hmn LDLo:8805 ug/kg/13W TXCYAC 6,155,76

* scu-mus LD50:76 mg/kg CAJPBD 7,53,67

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AJOGAH 126(3),390,76

★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OW3780000 MERCURY, ETHYL((p-SULFOPHENYL)THIO)-, SODIUM SALT

UPDT:8407 CAS: 5964-24-9 MW: 440.87 MOLFM: C8-H9-Hg-O3-S2 Na

SYN: ETHYL(HYDROGEN p-MERCAPTOBENZENESULFONATO)MERCURY SODIUM SALT * ETHYL ((p-SULFOPHENYL)THIO)MERCURY, SODIUM SALT * MERCURY, ETHYL(4-MERCAPTOBENZENESULFONATO-S-(sup 4))-, SODIUM SALT * SODIUM THIMERFONATE * SODIUM p-((ETHYLMERCURI)THIO)BENZENESULFONATE * SULFO-MERTHIOLATE * THIMERFONATE SODIUM

MUTATION DATA AND REFERENCES:

sln-smc 100 mg/L EVHPAZ 31,97,79

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:56 mg/kg CSLNX* NX#00686

REVIEW AND REFERENCES:

★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

OW3850000 MERCURY, ETHYL(p-TOLUENESULFONANILIDATO)-

UPDT:8312 CAS: 517-16-8 MW: 475.98 MOLFM: C15-H17-Hg-N-O2-S

SYN: CERESAN M * CERESAN M-2X * CERESAN M-DB * COMPOUND 1452-F * EMTS * N-ETHYLMERCURI-N-PHENYL-p-TOLUENESULFONAMIDE * N-(ETHYLMERCURI)-p-TOLUENESULFONANILIDE * N-(ETHYLMERCURI)-p-TOLUENESULPHONANILIDE * ETHYLMERCURY p-TOLUENESULFANILIDE * ETHYLMERCURY p-TOLUENE SULFONAMIDE * ETHYLMERCURY p-TOLUENESULFONANILIDE * GRANOSAN M * MERCURY, ETHYL(N-PHENYL-p-TOLUENESULFONAMIDATO)- * MERCURY, ETHYL(N-PHENYL-p-TOLUENESULFONAMIDO)- * (N-PHENYL-p-TOLUENESULFONAMIDO)ETHYLMERCURY * p-TOLUENESULFONAMIDE, N-(ETHYLMERCURI)-N-PHENYL- - * p-TOLUENESULFONANILIDE, N-(ETHYLMERCURI)-

MUTATION DATA AND REFERENCES:

sln-dmg-orl 40 mg/kg MUREAV 40,31,76

TOXICITY DATA AND REFERENCES:

orl-rat LD50:100 mg/kg PCOC** -,204,66

unk-rat LD50:50 mg/kg 30ZDA9 -,289,71

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: STEVA8 2(4),341,74

★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OW4025000 MERCURY, ETHYL(TOLUENESULFONATO)-

UPDT:7901 CAS: 2654-47-9 MW: 386.83 MOLFM: C8-H10-Hg-O3-S

SYN: ETHYLMERCURY TOLUENESULFONATE

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:28 mg/kg NHTIA7 31,207,50

REVIEW AND REFERENCES:

★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74

OW4050000 MERCURY FULMINATE (dry)

UPDT:8406 CAS: 628-86-4 MW: 284.63 MOLFM: C2-Hg-N2-O2

SYN: FULMINATE OF MERCURY, DRY * RCRA WASTE NUMBER P065

REVIEW AND REFERENCES:

★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

OW4055000 MERCURY FULMINATE (wet)

UPDT:8406 CAS: 628-86-4 MW: 284.63 MOLFM: C2-Hg-N2-O2

SYN: FULMINATE OF MERCURY, WET * FULMINATE of MERCURY, wet (DOT) * INITIATING EXPLOSIVE FULMINATE OF MERCURY (DOT) * MERCURY FULMINATE (DOT) * MERCURY FULMINATE, containing, by weight, at least 20% water (DOT) * RCRA WASTE NUMBER P065 * UN 0135 (DOT)

REVIEW AND REFERENCES:

★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80

STANDARDS & REGULATIONS:

★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MERCURY FULMINATE (DOT) see: OW4055000

MERCURY FULMINATE, containing, by weight, at least 20% water (DOT) see: OW4055000

OW4060000 MERCURY(I) GLUCONATE

UPDT:8401 CAS: 63937-14-4 MW: 395.76 MOLFM: C6-H11-O7 Hg

SYN: MERCUROUS GLUCONATE * MERCUROUS GLUCONATE, SOLID (DOT) * UN 1637 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

OW4100000 MERCURY, (1,2,3,4,7,7-HEXACHLOROBICYCLO(2.2.1)HEPT-2-ENE-5,6-DICARBOXIMIDO)PHENYL-

UPDT:8205 CAS: 5834-31-1 MW: 646.52 MOLFM: C15-H7-Cl6-Hg-N-O2

SYN: N-(PHENYLMERCURI)-1,4,5,6,7,7-HEXACHLOROBICYCLO(2.2.1)HEPTENE-5-DICARBOXIMIDE * PHMM

TOXICITY DATA AND REFERENCES:

unk-rat LD50:122 mg/kg 30ZDA9 -,295,71

REVIEW AND REFERENCES:

★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

OW4200000 MERCURY, (1,4,5,6,7,7-HEXACHLORO-5-NORBORNENE-2,3-DICARBOXIMIDO)METHYL-

UPDT:7901 CAS: 5902-79-4 MW: 584.45 MOLFM: C10-H5-Cl6-Hg-N-O2

SYN: MEMMI * METHYLMERCURICHLORENDIMIDE * N-(METHYLMERCURI)-1,4,5,6,7,7-HEXACHLOROBICYCLO(2.2.1)HEPT-5-ENE-2,3-DICARBOXIMIDE * N-METHYLMERCURI-1,2,3,6-TETRAHYDRO-3,6-ENDOMETHANO-3,4,5,6,7,7-HEXACHLOROPHTHALIMIDE * N-METHYLMERCURI-1,2,3,6-TETRAHYDRO-3,6-METHANO-3,4,5,6,7,7-HEXACHLOROPHTHALIMIDE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:155 mg/kg 28ZEAL 4,282,69

unk-rat LD50:160 mg/kg 30ZDA9 -,292,71

REVIEW AND REFERENCES:

★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OW4375000 MERCURY, (HYDROGEN PHOSPHATO)BIS(ETHYL-

UPDT:8211 CAS: 2440-45-1 MW: 555.30 MOLFM: C4-H11-Hg2-O4-P

SYN: BIS(ETHYLMERCURI)PHOSPHATE * ETHYLMERCURIC PHOSPHATE * ETHYLMERCURY PHOSPHATE * LIGNASAN FUNGICIDE * LIGNASAN-X * NEW IMPROVED CERESAN * NEW IMPROVED GRANOSAN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T33T34T43 scu-mus TDLo:40 mg/kg (10D preg) NISFAY 20,1479,68

TOXICITY DATA AND REFERENCES:

orl-rat LD50:30 mg/kg PCOC** -,516,66

unk-rat LD50:30 mg/kg 30ZDA9 -,288,71

orl-mus LD50:61 mg/kg KUMJAX 14,65,61

scu-mus LD50:63 mg/kg KUMJAX 14,65,61

REVIEW AND REFERENCES:

★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OW4725000 MERCURY, HYDROXYISOPROPYL-

UPDT:7901 CAS: 33020-34-7 MW: 260.70 MOLFM: C3-H8-Hg-O

SYN: ISOPROPYLMERCURY HYDROXIDE

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:16 mg/kg OCHRAI 15,5,63

REVIEW AND REFERENCES:

★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,34540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

OW4760000 MERCURY, (4-HYDROXY-5-METHOXY-2-NITRO-m-PHENYLENE)BIS(ACETATO-, and ACETATO(HYDROXY- 3-METHOXY-6-NITRO)MERCURY

UPDT:8405 MW: 1102.18 MOLFM: C11-H11-Hg2-N-O8 C5-H9-Hg-N-O6

SYN: 6-ACETOXYMERCURI-5-NITROGUAIACOL and 4,6-DIACETOXYMERCURI-5-NITROGUAIACOL * GUAIMERCOL

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:125 mg/kg JAPMA8 38,270,49

* ipr-rat LD50:6 mg/kg JAPMA8 38,270,49

* ivn-rbt LD50:2600 ug/kg JAPMA8 38,270,49

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OW4900000 MERCURY, HYDROXYMETHYL-

UPDT:8402 CAS: 1184-57-2 MW: 232.64 MOLFM: C-H4-Hg-O

SYN: METHYLMERCURY HYDROXIDE

MUTATION DATA AND REFERENCES:

sln-dmg-orl 5 mg/L MEREAY 61,231,69

cyt-grh-par 40 ug MEREAY 88,255,78

dni-mus-ipr 1 mg/kg JPETAB 194,171,75

dni-mus:spr 10 umol/L JPETAB 194,171,75

dns-mus-ipr 1 mg/kg JPETAB 194,171,75

dlt-mus-ipr 10 mg/kg MUREAV 30,365,75

trn-mus-ipr 2 mg/kg MUREAV 30,365,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T33T41 orl-rat TDLo:48 mg/kg (16-22D preg/17D post) TJADAB 25(2),34A,82

3T34T51T53 orl-rat TDLo:50 mg/kg (1-20D preg) TJADAB 20,31,79

1T33 orl-rat TDLo:50 mg/kg (1-20D preg) TJADAB 20,31,79

1T39 orl-rat TDLo:43 mg/kg (28D pre/1-19D preg) LAINAW 36,122,77

1T83 orl-rat TDLo:23500 ug/kg (28D pre/1-19D preg) EVHPAZ 17,293,76

3T34T51T53 scu-rat TDLo:100 mg/kg (1-20D preg) TJADAB 20,31,79

1T33 scu-rat TDLo:100 mg/kg (1-20D preg) TJADAB 20,31,79

1T34 scu-rat TDLo:16 mg/kg (1-20D preg) NTIS** CONF-771017

3T72T81T85 orl-mus TDLo:3237 ug/kg (8D preg) PBBHAU 4,385,76

2T25T43 ipr-mus TDLo:8 mg/kg (10D preg) TXAPA9 38,207,76

1T85 scu-mus TDLo:6 mg/kg (10D preg) TXAPA9 38,195,76

2T34T41 scu-mus TDLo:24 mg/kg (7-12D preg) TXAPA9 38,207,76

1T43 scu-mus TDLo:8 mg/kg (10D preg) TXAPA9 38,207,76

1T25 scu-mus TDLo:12 mg/kg (10D preg) TXAPA9 38,207,76

2T25T43 ivn-mus TDLo:8 mg/kg (10D preg) TXAPA9 38,207,76

1T41 orl-gpg TDLo:88 mg/kg (30D pre/1-68D preg) DABBBA 36,6048,75

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:20 mg/kg OCHRAI 15,5,63

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: TJADAB 12,311,75; RREVAH 42,103,72

★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,34540,74

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MERCURY, HYDROXY(NITRATO)DIPHENYLDI- see: OW8575000

OW4940000 MERCURY, HYDROXYPHENYL-
UPDT 8312 CAS: 100-57-2 MW: 294.71 MOLFM: C6-H6-Hg-O
SYN: HYDROXYPHENYLMERCURY * MERSOLITE 1 * PHENYL HYDROXYMERCURY * PHENYLMERCURIC HYDROXIDE * PHENYLMERCURIC HYDROXIDE (DOT) * PHENYLMERCURY HYDROXIDE * UN 1894 (DOT)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#03648
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

OW4950000 MERCURY, (2-HYDROXYPHENYL)HYDROXY-
UPDT 8005 CAS: 63869-04-5 MW: 310.71 MOLFM: C6-H6-Hg-O2
SYN: o-(HYDROXYMERCURI)PHENOL
MUTATION DATA AND REFERENCES:
sln-dmg-orl 250 mg/L HEREAY 57,446,67
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg NCNSA6 5,36,53
ipr-rat LDLo:25 mg/kg NCNSA6 5,36,53
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

MERCURY, HYDROXYPHENYL-, compd. with NITRATOPHENYLMERCURY (1:1) see: OW8575000
MERCURY IMINODIACETATE see: OW5070000

OW5070000 MERCURY(II), IMINODIACETATO-
UPDT 8305 CAS: 18728-37-0 MW: 331.69 MOLFM: C4-H5-Hg-N-O4
SYN: MERCURY IMINODIACETATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:154 mg/kg JEPTDQ 2(6),1529,79
* ivn-mus LD50:5200 ug/kg JEPTDQ 2(6),1529,79

OW5075000 MERCURY(I) IODIDE
UPDT 8308 CAS: 7783-30-4 MW: 327.49 MOLFM: Hg-I
SYN: IODURE DE MERCURE (French) * MERCUROUS IODIDE * MERCUROUS IODIDE, SOLID (DOT) * MERCURY PROTOIODIDE * UN 1638 (DOT) * YELLOW MERCURY IODIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:110 mg/kg ATXKA8 20,226,64
* ipr-mus LD50:50 mg/kg ATXKA8 20,226,64
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 50 ug(Hg)/m3 NTIS**

OW5250000 MERCURY(II) IODIDE
UPDT 8412 CAS: 7774-29-0 MW: 454.39 MOLFM: Hg-I2
SYN: HYDRARGYRUM BIJODATUM (German) * MERCURIC IODIDE * MERCURIC IODIDE, RED * MERCURIC IODIDE, SOLID (DOT) * MERCURIC IODIDE, solution (DOT) * MERCURY BINIODIDE * RED MERCURIC IODIDE * UN 1638 (DOT)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T35 ihl-rat TCLo:4870 ng/m3/24H (1-22D preg) GISAAA 46(5),73,81
2T31T34 ihl-rat TCLo:450 ng/m3/24H (1-22D preg) GISAAA 46(5),73,81
TOXICITY DATA AND REFERENCES:
orl-man LDLo:357 mg/kg ZKMEAB 106,783,27
* orl-rat LD50:40 mg/kg ATXKA8 20,226,64
2C08F07 orl-mus LD50:57300 ug/kg GISAAA 47(6),68,82
* ipr-mus LD50:60 mg/kg ATXKA8 20,226,64
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON, solid CFRGBR 49,172.101,82
★ DOT-HAZARD:POISON B; LABEL:POISON, solution CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OW5270000 MERCURY IODIDE, aquabasic ammonobasic (DOT)
UPDT 8308
SYN: IODIDE of MILLION'S BASE
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

OW5300000 MERCURY(II) IODIDE (solution)
UPDT 8401 CAS: 7774-29-0 MW: 454.39 MOLFM: Hg-I2
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OW5350000 MERCURY, IODO-p-TOLYL-
UPDT 7901 CAS: 28037-72-9 MW: 419.63 MOLFM: C7-H7-Hg-I
SYN: IODO(p-TOLYL)MERCURY * p-TOLYLMERCURY IODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#05140
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

MERCURYL ACETATE see: AI8575000
MERCURY, METALLIC (DOT) see: OV4550000

OW5750000 MERCURY, (METHANETHIOLATO)METHYL-
UPDT 8303 CAS: 25310-48-9 MW: 262.73 MOLFM: C2-H6-Hg-S
SYN: MERCURY METHYLMERCURY SULFIDE * MERCURY, METHYL(METHYLTHIO)- * (METHANETHIOLATO)METHYLMERCURY * METHYL METHYLMERCURIC SULFIDE * METHYL(METHYLTHIO)MERCURY
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T41 orl-rat TDLo:75 mg/kg (1-15D post) SSHZAS 71,506,69
1T34 unk-rat TDLo:16 mg/kg (1-8D preg) KUIZAR 41,506,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MERCURY(1+), METHYL- (9CI) see: OW6320000

OW5850000 MERCURY, METHYL-, N-BIS(p-TOLYLSULFONYL)AMIDO-
UPDT 8403 CAS: 63869-05-6 MW: 540.04 MOLFM: C15-H17-Hg-N-O4-S2
SYN: MERCURY, METHYL(4-METHYL-N-((4-METHYLPHENYL)SULFONYL)BENZENESULFONAMIDATO-N)- * N-METHYLMERCURI-BIS-p-TOLUENSULFONAMID (Czech)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,223,72
eye-rbt 50 ug/24H SEV 28ZPAK -,223,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:99 mg/kg 28ZPAK -,223,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: TJADAB 12,311,75; RREVAH 42,103,72
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MERCURY METHYLCHLORIDE see: OW1225000

OW5950000 MERCURY, METHYL-, DIMERCAPTOPROPANOL
UPDT 7901 CAS: 72066-32-1 MW: 540.04 MOLFM: C15-H17-Hg-N-O4-S2
SYN: METHYLMERCURY DIMERCAPTOPROPANOL
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:37 mg/kg OCHRAI 15,5,63
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: TJADAB 12,311,75; RREVAH 42,103,72
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,34540,74

OW6125000 MERCURY, (METHYLENEBIS(NAPHTHYLENESULFONYLOXY))BIS(PHENYL-
UPDT 8205 CAS: 12040-56-1 MW: 983.89 MOLFM: C33-H26-Hg2-O6-S2
SYN: DIPHENYLMERCURIDINAPHTHYLMETHANEDISULFONATE * 2-NAPHTHALENESULFONIC ACID, 3,3'-METHYLENEDI-PHENYL-MERCURY * PHENYLMERCURIC DINAPHTHYLMETHANEDISULFONATE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:70 mg/kg JPPMAB 2,20,50
ipr-mus LD50:8 mg/kg JPPMAB 2,89,50
orl-gpg LD50:70 mg/kg JPPMAB 9,469,57
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

OW6300000 MERCURY, (mu-(3,3'-METHYLENEBIS(2-NAPHTHALENESULFONATO))DIPHENYLDI-
UPDT 8403 CAS: 14235-86-3 MW: 981.87 MOLFM: C33-H24-Hg2-O6-S2
SYN: BIS(PHENYLMERCURI)METHYLENEDINAPHTHALENESULFONATE * [illegible] * FIBROTAN * HYDRARGAPHEN * HYDRAPHEN * METHYLENEDINAPHTH[illegible] * [illegible] BISPHENYLMERCURI SALT * 2-NAPHTHALENESULFONIC ACID, 3,3'-[illegible] ((PHENYLMERCURI)METHYLENE)DI- * PENOTRANE * PHENYLMERCURIC DINAPHTHYLMETHANEDISULFONATE * PHENYL MERCURIC FIXTAN * PHENYLMERCURIC 3,3'-METHYLENEBIS(2-NAPHTHALENESULFONATE) * PHENYLMERCURIC METHYLENEBIS(2-NAPHTHYL-3-SULFONIC ACID) * PHENYLMERCURY 2,2'-DINAPHTHYLMETHANE-3,3'-DISULPHONATE * PHENYLMERCURY METHYLENEDINAPHTHALENESULFONATE * P.M.F. * SEPTOTAN * VERSOTRANE
IRRITATION DATA AND REFERENCES:
eye-gpg 60 ug/2D SEV TOSUAH 89,863,69
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:80 mg/kg MEIEDD 10,690,83
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

OW6320000 MERCURY(1+), METHYL-, ION
UPDT 8405 CAS: 22967-92-6 MW: 215.63 MOLFM: C-H3-Hg
SYN: MERCURY(1+), METHYL- (9CI) * METHYLMERCURY * METHYLMERCURY(1+) * METHYLMERCURY(II) CATION * METHYLMERCURY ION * METHYLMERCURY ION(1+)
MUTATION DATA AND REFERENCES:
dnr-smc 1 nmol/L CNJGA8 24,771,82
dni-mus:oth 50 umol/L TXAPA9 53,24,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T91 orl-rat TDLo:1350 ug/kg (7D preg) FEPRA7 36,404,77
1T85 unk-rat TDLo:5 mg/kg (15D preg) NTOTDY 4,377,82
1T43 scu-mus TDLo:5375 mg/kg (12D preg) DABBBA 38,4210,78
1T85 scu-mus TDLo:6469 mg/kg (9D preg) TJADAB 26(1),14A,82
2T43T39 unk-mus TDLo:10 mg/kg (12D preg) APTOD9 19,A24,80
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OW6350000 MERCURY, METHYL(5-ISOPROPYL-N-(p-TOLYL)-o-TOLUENESULFONAMIDO)-
UPDT 7902 CAS: 63869-07-8 MW: 518.07 MOLFM: C18-H23-Hg-N-O2-S
SYN: N-p-TOLYL-N-METHYLMERCURIAMID KYSELINY 2-METHYL-5-ISOPROPYLBENZENSULFONOVE (Czech) * METHYL(5-ISOPROPYL-N-(p-TOLYL)-o-TOLUENESULFONAMIDO)MERCURY
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,223,72
eye-rbt 20 mg/24H SEV 28ZPAK -,223,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:115 mg/kg 28ZPAK -,223,72
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MERCURY METHYLMERCURY SULFIDE see: OW5750000
MERCURY, METHYL(4-METHYL-N-((4-METHYLPHENYL)SULFONYL)BENZENESULFONAMIDATO-N)- see: OW5850000
MERCURY, METHYL(METHYLTHIO)- see: OW5750000
MERCURY, (2-METHYL-5-NITROPHENOLATO(2-)-C(sup 6),O(sup 1)- (9CI) see: RO4375000

OW6650000 MERCURY, METHYL(PENTACHLOROPHENOXY)-
UPDT 8205 CAS: 5902-76-1 MW: 480.94 MOLFM: C7-H3-Cl5-Hg-O
SYN: METHYLMERCURIPENTACHLORFENOLAT (Czech) * METHYLMERCURY PENTACHLOROPHENATE * STAUFFER MV242
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,223,72
eye-rbt 50 ug/24H SEV 28ZPAK -,223,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:56 mg/kg 28ZEAL 4,283,69

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: TJADAB 12,311,75
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MERCURY, METHYL(PHOSPHATO(1-)-O)- (9CI) see: OW2506000

OW7000000 MERCURY, METHYL(8-QUINOLINOLATO)-
UPDT:7901 CAS: 86-85-1 MW: 359.79 MOLFM: C10-H9-Hg-N-O
SYN: ABTHO LM * LIQUI-SAN * LM SEED PROTECTANT * MERCURY, METHYL(8-QUINOLYLOXY)- * MERCURY, (8-QUINOLINOLATO)METHYL- * METASOL * METASOL MMH * METAZOL * 8-(METHYLMERCURIOXY)QUINOLINE * METHYLMERCURY 8-HYDROXYQUINOLINATE * METHYLMERCURY beta-HYDROXYQUINOLATE * METHYLMERCURY OXINATE * METHYLMERCURY OXYQUINOLINATE * METHYLMERCURY QUINOLINOLATE * ORTHO-LM APPLE SPRAY * ORTHO LM CONCENTRATE * ORTHO LM SEED PROTECTANT * QUINOLINE, 8-((METHYLMERCURI)OXY)- * 8-(QUINOLINOLATO)METHYL MERCURY * 8-QUINOLINOL, MERCURY COMPLEX
TOXICITY DATA AND REFERENCES:
orl-rat LD50:72 mg/kg PCOC** ,739,66
orl-mus LD50:72 mg/kg GUCHAZ 6,347,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: TJADAB 12,311,75; RREVAH 42,103,72
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MERCURY, METHYL(8-QUINOLYLOXY)- see: OW7000000

OW7260000 MERCURY, METHYL(THIOACETAMIDO)-
UPDT:7901 MW: 289.76 MOLFM: C3-H7-Hg-N-S
TOXICITY DATA AND REFERENCES:
3C10F11F19 skn-hmn TDLo:23 mg/kg NEURAI 14,69,64
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: TJADAB 12,311,75; RREVAH 42,103,72
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OW7350000 MERCURY, METHYL(TOLUENESULFONATO)-
UPDT:7901 CAS: 63869-06-7
SYN: METHYLMERCURY TOLUENESULFONATE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:20 mg/kg NHTIA7 31,207,50
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: TJADAB 12,311,75; RREVAH 42,103,72
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74

MERCURY MONOACETATE see: AI8570000
MERCURY MONOCHLORIDE see: OV8750000

OW7700000 MERCURY, (NAPHTHENATO)PHENYL-
UPDT:7901 CAS: 31632-68-5
SYN: NAPHTHENIC ACID, PHENYLMERCURY SALT * PHENYLMERCURY NAPHTHENATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:390 mg/kg AMIHAB 12,477,55
ipr-rat LD50:30 mg/kg AMIHAB 12,477,55
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MERCURY NITRATE see: OW8225000

OW8000000 MERCURY(I) NITRATE (1:1)
UPDT:8308 CAS: 10415-75-5 MW: 262.60 MOLFM: N-O3 Hg
SYN: MERCUROUS NITRATE * MERCUROUS NITRATE, SOLID (DOT) * NITRATE MERCUREUX (French) * NITRIC ACID, MERCURY(I) SALT * UN 1627 (DOT)
TOXICITY DATA AND REFERENCES:
1K12 orl-rat LD50:170 mg/kg GISAAA 46(8),12,81
1K12 orl-mus LD50:49300 ug/kg GISAAA 46(8),12,81
* ipr-mus LD50:5 mg/kg ATXKA8 20,226,64
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OW8225000 MERCURY(II) NITRATE (1:2)
UPDT:8312 CAS: 10045-94-0 MW: 324.61 MOLFM: N2-O6 Hg
SYN: MERCURIC NITRATE * MERCURIC NITRATE (DOT) * MERCURY NITRATE * MERCURY PERNITRATE * NITRATE MERCURIQUE (French) * NITRIC ACID, MERCURY(II) SALT * UN 1625 (DOT)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:51400 ug/kg GISAAA 46(8),12,81
* orl-mus LD50:29100 ug/kg GISAAA 46(8),12,81
* ipr-mus LD50:8 mg/kg ATXKA8 20,226,64
scu-mus LDLo:20 mg/kg MOLAAF 73,751,39
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OW8400000 MERCURY, NITRATOPHENYL-
UPDT:8312 CAS: 55-68-5 MW: 339.71 MOLFM: C6-H5-Hg-N-O3
SYN: MERCURIPHENYL NITRATE * MERPHENYL NITRATE * MERSOLITE 7 * NITRIC ACID, PHENYLMERCURY SALT * PHE-MER-NITE * PHENALCO * PHENITOL * PHENMERZYL NITRATE * PHENYLMERCURIC NITRATE * PHENYLMERCURIC NITRATE (DOT) * PHENYLMERCURY NITRATE * PHERMERNITE * UN 1895 (DOT)
TOXICITY DATA AND REFERENCES:
scu-rat LDLo:38 mg/kg QJPPAL 12,212,39
scu-mus LD50:45 mg/kg QJPPAL 12,212,39
ivn-mus LD50:27 mg/kg QJPPAL 12,212,39
ivn-rbt LDLo:5 mg/kg JAMAAP 117,1784,41
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: SDGTB3 1(2),177,71
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

OW8575000 MERCURY NITRATOPHENYL-, cmpd. with HYDROXYPHENYLMERCURY (1:1)
UPDT:8205 CAS: 8003-05-2 MW: 634.42 MOLFM: C6-H6-Hg-O . C6-H5-Hg-N-O3
SYN: DZ * GYNE-MERFEN * MERCURY, HYDROXY(NITRATO)DIPHENYLDI- * MERCURY, HYDROXYPHENYL-, cmpd. with NITRATOPHENYLMERCURY (1:1) * MERFEN-STYLI * MERPHEN * MERPHENE * MERPHENYL NITRATE * NITRATE PHENYL MERCURIQUE (French) * PHEMERNITE * PHENYLMERCURIC NITRATE, BASIC
TOXICITY DATA AND REFERENCES:
scu-rat LD50:63 mg/kg 28ZEAL 4,317,69
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

OW8576000 MERCURY NITRIDE
UPDT:8308 CAS: 12136-15-1 MW: 629.79 MOLFM: Hg3-N2
SYN: MERCURY NITRIDE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

MERCURY NITRIDE (DOT) see: OW8576000
MERCURY, NITRILOTRIACETATE see: OU9635000
MERCURY(1+), (2,2',2''-NITRILOTRIETHANOL)PHENYL-, LACTATE (salt) (8CI) see: BT4725000
MERCURY NUCLEATE, SOLID (DOT) see: OV3200000

OW8600000 MERCURY OLEATE
UPDT:8308 CAS: 1191-80-6 MW: 763.61 MOLFM: C36-H66-O4 Hg
SYN: MERCURIC OLEATE * MERCURIC OLEATE, SOLID (DOT) * OLEATE OF MERCURY * UN 1640 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OW8700000 MERCURY(I) OXIDE
UPDT:8308 CAS: 15829-53-5 MW: 417.18 MOLFM: Hg2-O
SYN: MERCUROUS OXIDE, BLACK, SOLID (DOT) * UN 1641 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OW8750000 MERCURY(II) OXIDE
UPDT:8406 CAS: 21908-53-2 MW: 216.59 MOLFM: Hg-O
SYN: C.I. 77760 * MERCURIC OXIDE * MERCURIC OXIDE, RED * MERCURIC OXIDE, SOLID (DOT) * MERCURIC OXIDE, YELLOW * OXYDE DE MERCURE (French) * RED OXIDE of MERCURY * RED PRECIPITATE * SANTAR * UN 1641 (DOT) * YELLOW MERCURIC OXIDE * YELLOW OXIDE of MERCURY * YELLOW PRECIPITATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T42 orl-rat TDLo:10800 ug/kg (5D preg) PWPSA8 15,52,72
1T25 orl-rat TDLo:10800 ug/kg (19D preg) PWPSA8 15,52,72
1T35 orl-mus TDLo:34 mg/kg (10D preg) APTOD9 19,A126,80
1T59 orl-mus TDLo:225 mg/kg (4-12D preg) TJADAB 26(1),46A,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:18 mg/kg NTIS** PB214-270
ims-rat LDLo:22 mg/kg NCIUS* PH 43-64-886,SEPT,71
orl-mus LD50:22 mg/kg NTIS** PB214-270
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: SDGTB3 1(2),177,71
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1277-0021
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OW8810000 MERCURY OXIDE SULFATE
UPDT:8308 CAS: 1312-03-4 MW: 729.83 MOLFM: Hg3-O6-S
SYN: BASIC MERCURIC SULFATE * MERCURIC BASIC SULFATE * MERCURIC SUBSULFATE, SOLID (DOT) * NA 2025 (DOT) * TURPETH MINERAL
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

MERCURY OXYCYANIDE see: OW1530000
MERCURY OXYCYANIDE (DOT) see: OW1530000
MERCURY-DL-PENICILLAMINE chelated see: OV7369000

OW8890000 MERCURY, (2,4-PENTANEDIONATO-O,O')PHENYL-
UPDT:7901 CAS: 64025-06-5 MW: 376.82 MOLFM: C11-H12-Hg-O2
SYN: 2,4-PENTANEDIONE, PHENYLMERCURIC SALT
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:16 mg/kg CBCCT* 2,241,50
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

MERCURY PERCHLORIDE see: OV9100000

MERCURY PERNITRATE see: OW8225000
MERCURY PERSULFATE see: OX0500000
MERCURY, PHENYL(BUTYRYLOXY)- see: OV7780000
MERCURY, PHENYL-, CATECHOLATE see: OV7050000
MERCURY, PHENYL-, PROPIONATE see: OW9100000

OW9100000 MERCURY, PHENYL(PROPIONYLOXY)-
UPDT:7908 CAS:103-27-5 MW:350.78 MOLFM:C9-H10-Hg-O2
SYN: MERCURY, PHENYL-, PROPIONATE * METASOL P-6 * METASOL 57 * PHENYLMERCURI PROPIONATE * PHENYLMERCURY PROPIONATE * PHENYL(PROPIONYLOXY)MERCURY * PROPIONIC ACID, PHENYLMERCURY SALT
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:2 mg/kg CBCCT* 1,46,49
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OW9730000 MERCURY(II), PHENYL(8-QUINOLINOLATO)-
UPDT:7901 CAS:14354-56-4 MW:421.86 MOLFM:C15-H11-Hg-N-O
SYN: MERCURY(II), (8-QUINOLINOLATO)PHENYL- * PHENYL MERCURIC 8-HYDROXYQUINOLINATE * PHENYL MERCURY OXYQUINOLATE * QUINEX * QUINOLINE, 8-PHENYLMERCURIOXY-
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:4 mg/kg CBCCT* 3,308,51
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

OW9750000 MERCURY, PHENYLUREIDO-
UPDT:8205 CAS:2279-64-3 MW:336.76 MOLFM:C7-H8-Hg-N2-O
SYN: ABAVIT * LEUTOSAN * LEYTOSAN * PHENYLMERCURIC UREA * PHENYLMERCURIUREA * PHENYL MERCURY UREA * UREA (PHENYLMERCURI)-
TOXICITY DATA AND REFERENCES:
unk-rat LD50:50 mg/kg 30ZDA9 -,295,71
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

MERCURY(II) POTASSIUM IODIDE see: OU9670000
MERCURY PROTOCHLORIDE see: OV8750000
MERCURY PROTOIODIDE see: OW5075000
MERCURY, (8-QUINOLINOLATO)METHYL- see: OW7000000
MERCURY(II), (8-QUINOLINOLATO)PHENYL- see: OW9730000
MERCURY SALICYLATE see: OX0300000

OX0300000 MERCURY, (SALICYLATO(2-))-
UPDT:8308 CAS:5970-32-1 MW:336.70 MOLFM:C7-H4-Hg-O3
SYN: MERCURIC SALICYLATE * MERCURIC SALICYLATE, SOLID (DOT) * MERCURISALICYLIC ACID * MERCURY SALICYLATE * MERCURY SUBSALICYLATE * UN 1644 (DOT)
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:10 mg/kg MOLAAF 73,751,39
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

MERCURY SUBSALICYLATE see: OX0300000

OX0480000 MERCURY(I) SULFATE
UPDT:8310 CAS:7783-36-0 MW:497.24 MOLFM:O4-S.2Hg
SYN: MERCUROUS SULFATE * MERCUROUS SULFATE, SOLID (DOT) * UN 1628 (DOT)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:5600 mg/kg CSLNX* NX#04883
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

OX0500000 MERCURY(II) SULFATE (1:1)
UPDT:8312 CAS:7783-35-9 MW:296.65 MOLFM:O4-S.Hg
SYN: MERCURIC SULFATE * MERCURIC SULFATE, SOLID (DOT) * MERCURY BISULFATE * MERCURY BISULPHATE (DOT) * MERCURY PERSULFATE * SULFATE MERCURIQUE (French) * SULFURIC ACID, MERCURY(2+) SALT (1:1) * UN 1633 (DOT) * UN 1645 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:57 mg/kg NTIS** PB214-270
orl-mus LD50:40 mg/kg NTIS** PB214-270
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR [illegible],172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OX0700000 MERCURY, SULFATOBIS(METHYL-
UPDT:8309 CAS:3810-81-9 MW:527.32 MOLFM:C2-H6-Hg2-O4-S
SYN: ARETAN-NIEUW * B 4992 * BIS(METHYLMERCURIC)SULFATE * BIS-(METHYLMERCURY)-SULFATE * CERESAN LIQUIDO * CERESAN UNIVERSAL-FEUCHTBEIZE * CEREWET * COMPOUND-4992 * METHYLMERCURIC SULFATE * SULFURIC ACID, BIS(METHYLMERCURY) SALT
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:100 mg/kg FMCHA2 -,C48,83
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OX0750000 MERCURY TETRAVANADATE
UPDT:7901 MW:580.35 MOLFM:O11-V4.Hg
TOXICITY DATA AND REFERENCES:
2F07F12 scu-mus LDLo:15 mg/kg AJSNAO 1,347,17
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VANADIUM recm std-air:CL 0.05 mg(V)/m3/15M NTIS**
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VANADIUM recm std-air:TWA 1.0 mg(V)/m3 NTIS**

OX0800000 MERCURY, THIODI(DODECAMETHYLENE)BIS(PHENYL-
UPDT:7901 CAS:63869-08-9 MW:524.18 MOLFM:C36-H58-Hg2-S
SYN: PHENYLMERCURILAURYL THIOETHER * SULFIDE, BIS(PHENYLMER[illegible]YLAURYL)
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:500 mg/kg NTIS** AD691-490
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

OX0815000 MERCURY, (((p-TOLYL)SULFAMOYL)IMINO)BIS(METHYL-
UPDT:8210 MW:615.49 MOLFM:C9-H14-Hg2-N2-O2-S
SYN: N,N-BIS(METHYLQUECKSILBER)-p-TOLUOL-SULFAMID (German) * METHYL-MERCURY TOLUENESULPHAMIDE * METHYL-QUECKSILBER-TOLUOLSULFAMID (German) * (((p-TOLYL)SULFAMOYL)IMINO)BIS(METHYLMERCURY)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:54 mg/kg AXVMAW 34,383,80
* orl-qal LD50:25 mg/kg AXVMAW 34,383,80
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MERCURY ZINC CHROMATE COMPLEX see: ZH4350000
MEREPRINE see: US9275000
MEREX see: PC8575000
MERFALAN see: AY3600000
MERFAMIN see: OV8400000
MERFAZIN see: OW1400000
MERFEN see: ED4725000
MERFEN-STYLI see: OW8575000
MERGE see: PA2625000
MERGE 823 see: PA2625000
MERGITAL LM 11 see: MD0875000
MERIAN see: DA9520000
MERIDIL see: TM3675000
MERILID see: OW1050000
MERINAX see: FD1150000
MERIT see: RJ3725000
MERITAL see: NX4912800
MERITIN see: AB6365000
MERIZONE see: UQ8225000
MERKAPTOBENZIMIDAZOL (Czech) see: DE1050000
2-MERKAPTOBENZOTIAZOL (Polish) see: DL6475000
MERKAZIN see: XY4390000
MERKAZOLIL see: NI8615000
MERMETH see: WO9275000
MERONIDAL see: NI5600000
MEROXYL see: BO9000000
MEROXYLAN see: BO9000000
MEROXYLAN-WANDER see: BO9000000
MEROXYL-WANDER see: BO9000000
MERPAN see: GW5075000
MERPAN see: GW5075100
MERPELAN AZ see: NJ5000000
MERPHALAN see: AY3600000
O-MERPHALAN see: AY3600000
MERPHEN see: OW8575000
MERPHENE see: OW8575000
MERPHENYL NITRATE see: OW8575000
MERPHENYL NITRATE see: OW8400000
MERPHOS see: TG5600000
MERPHYLLIN see: OW2500000
MERPHYRIN see: OW2500000
MERPOL see: KX2450000
MERRILLITE see: ZG8600000
MERSOLITE see: OV6475000
MERSOLITE 1 see: OW4940000
MERSOLITE 2 see: OW1400000
MERSOLITE 7 see: OW8400000
MERSOLITE 8 see: OV6475000
MERTEC see: DE0700000
MERTECT see: DE0700000
MERTECT 160 see: DE0700000
MERTESTATE see: XA3030000
MERTHIOLATE see: OV8400000
MERTHIOLATE SALT see: OV8400000
MERTHIOLATE SODIUM see: OV8400000
MERTIONIN see: PD0456000
MERTORGAN see: OV8400000

OX4010000 MERURAN
DEF: Composed of a mixture of ETHYLMERCUROCHLORIDE and the gamma isomer of HEXACHLOROCYCLOHEXANE(85GMAT -,79,82)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:207 mg/kg 85GMAT -,79,82
* orl-mus LD50:137 mg/kg 85GMAT -,79,82
* orl-rbt LD50:95 mg/kg 85GMAT -,79,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MERVAMINE see: WN0525000
MERVAN see: AF2100000
MERXIN see: XI0330500
MERZONIN see: OV8400000
MERZONIN SODIUM see: OV8400000
MERZONIN, SODIUM SALT see: OV8400000
MES see: KI7970000
MESACONATE see: OX5075000

OX5075000 MESACONIC ACID
UPDT:8407 CAS:498-24-8 MW:130.11 MOLFM:C5-H6-O4
SYN: BUTENEDIOIC ACID, METHYL-, (E)- * FUMARIC ACID, METHYL- * MESACONATE * trans-2-METHYL-2-BUTENEDIOIC ACID * METHYLFUMARIC ACID * trans-1-PROPENE-1,2-DICARBOXYLIC ACID
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:500 mg/kg CBCCT* 6,147,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MESAMATE see: PA2625000
MESAMATE-400 see: PA2625000
MESAMATE-600 see: PA2625000
MESAMATE CONCENTRATE see: PA2625000
MESAMATE H.C. see: PA2625000
MESANOLON see: BV8060050
MESANTOIN see: MU2275000

MESATON see: DO7175000
MESATONE see: DO7175000
dl-MESATONE see: DO7175010
MESCALBEANS see: WG1180000
MESCALINE see: SI2625000
MESCLINE see: SI2625000
MESCOPIL see: YM3675000
MESECLAZONE see: NY3200000
MESENTOL see: WN2800000
MESEREIN see: HB5425500
MESIDICAIN see: AE2075000
MESIDICAINE see: AE2075000
MESIDICAINE HYDROCHLORIDE see: AE2100000
MESIDIN (Czech) see: BZ0700000
MESIDINE see: BZ0700000
MESIDINE HYDROCHLORIDE see: BZ1050000
MESIDIN HYDROCHLORIDE see: BZ1050000
MESITYLAMINE see: BZ0700000
MESITYLAMINE HYDROCHLORIDE see: BZ1050000
MESITYLCARBINOL see: DP1402000

OX6825000 MESITYLENE
UPDT:8312 CAS: 108-67-8 MW: 120.21 MOLFM: C9-H12
SYN: BENZENE, 1,3,5-TRIMETHYL- * FLEET-X * TMB * sym-TRIMETHYLBENZENE * 1,3,5-TRIMETHYLBENZENE * 1,3,5-TRIMETHYLBENZENE (DOT) * TRIMETHYLBENZOL * UN 2325 (DOT)
MUTATION DATA AND REFERENCES:
cyt-smc 350 umol/tube HEREAY 33,457,47
TOXICITY DATA AND REFERENCES:
3C04F07J02 ihl-hmn TCLo:10 ppm ZUBEAQ 49,265,56
* ihl-rat LC50:24 mg/m3/4H GISAAA 44(5),15,79
* ipr-gpg LDLo:1303 mg/kg AMIHBC 9,227,54
REVIEW AND REFERENCES:
★ TLV-TWA 25 ppm; STEL 35 ppm DTLVS* 4,415,80
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MESITYLENE, 2-AMINO- see: BZ0700000

OX7030000 MESITYLENE, 2,4-DINITRO-
UPDT:8308 MW: 256.22 MOLFM: C9-H10-N3-O6
SYN: 2,4-DINITROMESITYLENE * 2,4-DINITRO-1,3,5-TRIMETHYLBENZENE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

OX7055000 MESITYLENE, 2,4,6-TRINITRO-
UPDT:8308 MW: 255.21 MOLFM: C9-H9-N3-O6
SYN: 1,3,5-TRIMETHYL-2,4,6-TRINITROBENZENE (DOT)
STANDARDS & REGULATIONS:
★ DOT HAZARD:FORBIDDEN CFRGBR 49,172.101,82

MESITYL ESTER of 1-PIPERIDINEACETIC ACID HYDROCHLORIDE see: TM3555000
MESITYLOXID (German) see: SB4200000
MESITYL OXIDE see: SB4200000
MESITYL OXIDE (DOT) see: SB4200000
MESITYL OXIDE ISONICOTINIC ACID HYDRAZONE see: NS1954000
MESITYL OXIDE (1-PHTHALAZINYL)HYDRAZONE see: TH8890000
MESITYLOXYDE (Dutch) see: SB4200000
MESMAR see: TZ0175000
MESNA see: KI7968000
MESNUM see: KI7968000
MESOCAIN see: AE2075000
MESOCAINE see: AE2075000
MESOCAINE HYDROCHLORIDE see: AE2100000
MESOKAIN see: AE2075000
MESOKAIN HYDROCHLORIDE see: AE2100000
MESOMILE see: AK2975000
MESONEX see: NM7535400
MESONTOIN see: MU2275000
MESOPIN see: MS9000000
MESORANIL see: XY3280000
MESOTAL see: NM7535400
MESOXALYLCARBAMIDE see: BA4200000
MESOXALYLCARBAMIDE MONOHYDRATE see: UW0492000
MESOXALYLUREA see: BA4200000
MESOXALYLUREA MONOHYDRATE see: UW0492000
MESOYOHIMBINE see: ZG1005000
MESPAFIN see: QI8925000
MESTALONE see: BV8060050
MESTANOLONE see: BV8060050
MESTENEDIOL see: BV8100000
MESTERONE see: BV8400000
MESTINON see: UU5270000
MESTRANOL see: RC8960000
MESTRANOL mixed with ANAGESTONE ACETATE (1:10) see: TU5540000
MESTRANOL and CHLORMADINONE see: RC8960050
MESTRANOL mixed with CHLORMADINONE ACETATE see: TU3775000
MESTRANOL mixed with 6-CHLORO-6-DEHYDRO-17-alpha-ACETOXYPROGESTERONE see: TU3775000
MESTRANOL mixed with CHLOROETHYNYL NORGESTREL (1:20) see: JF7980000
MESTRANOL mixed with ETHYNODIOL see: RC8964200
MESTRANOL mixed with ETHYNODIOL DIACETATE see: RC8964000
MESTRANOL mixed with LYNESTRENOL see: RC8964500
MESTRANOL mixed with LYNESTROL see: RC8964500
MESTRANOL mixed with NORETHINDRONE see: RC9020000
MESTRANOL mixed with NORETHISTERONE see: RC9020000
MESTRANOL mixed with NORETHYNODREL see: RC9025000
MESTRENOL see: RC8960000
MESTRENOL mixed with 6-CHLORO-6-DEHYDRO-17-alpha-ACETOXYPROGESTERONE see: TU3775000

OX8020000 MESUA FERREA Linn., extract excluding roots
DEF: Indian plant belonging to the family GUTTIFERAE (IJEBA6 11,43,73)
UPDT:8302
SYN: NAHOR EXTRACT
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:500 mg/kg IJEBA6 11,43,73

OX8020500 MESUA FERREA, leaf extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:500 mg/kg CPBTAL 13,882,65

MESULFA see: WP0750000
MESUPRINE see: PB0822100
MESUPRINE HYDROCHLORIDE see: PB0822100
MESURAL see: DE9275000
MESUROL see: FC5775000
MESUROL SULFONE see: FC5250000
MESUXIMIDE see: WN2625000
MESYLITH see: VB2360000
META see: XF9900000
4-META see: NP6600000
METAARSENIC ACID see: CG0760000
META BLACK see: QJ6160000
METABOLIN see: XI7350000
METABOLITE C see: BY8925000
METABOLITE I see: UQ8400000
METABUTHETAMINE see: DG2805000
METABUTETHAMINE HYDROCHLORIDE see: KL4374900
METACARDIOL see: DN7250000
METACE see: KV0600000
METACEN see: NL3500000
METACETALDEHYDE see: XF9900000
METACETONE see: SA8050000
METACETONIC ACID see: UE5950000
METACHLOR see: AE1225000
METACHROME ORANGE R see: VO5310000
METACID 50 see: TG0175000
METACIDE see: TG0175000
METACIL see: YR0875000
METACIN see: BP7625000
METACORTANDRACIN see: TU4154100
METACORTANDRALONE see: TU4152000
METACRATE see: FC8050000
METACYCLINE HYDROCHLORIDE see: QI9276000
METADEE see: KE1050000
METADELPHENE see: XS3675000
METADOMUS see: QI9276000
METAFOS see: OY3750000
METAFOS see: TG0175000
METAFUME see: PA4900000
METAHYDRIN see: DK8925000
METAISOSEPTOX see: TG1750000
METAISOSYSTOX see: TG1750000
METAISOSYSTOXSULFOXIDE see: TG1420000
METAKRYLAN METYLU (Polish) see: OZ5075000
METALAXIL see: AY6910000
METALAXYL see: AY6910000
METALCAPTASE see: YV9425000
METALDEHYDE see: XF9900000
METALDEHYDE (DOT) see: XF9900000
METALDEIDE (Italian) see: XF9900000
METALKAMATE see: FC3510000
METALLAC see: ZH5200000
METALLIBURE see: EC1490000
METALLIC ARSENIC see: CG0525000
METALLIC MERCURY see: OV4550000
METALUTIN see: KG8000000
METAMFETAMINA see: SH5075000
METAM-FLUID BASF see: FC2100000
METAMID see: TQ9800000
METAMIDOFOS ESTRELLA see: TB4970000
METAMINA see: SH5075000
METAMINE see: SH5075000
METAMITON see: XZ3015000
METAMITRON (German) see: XZ3015000
METAMIZIL see: PB1300000
METAMIZOL see: PB1300000
METAMIZOLE see: PB1300000
METAMIZOLO (Italian) see: PB1300000
METAMIZOLUM see: PB1300000
METAMPHETAMIN see: SH5075000
METAM-SODIUM (Dutch, French, German, Italian) see: FC2100000
METAMSUSTAC see: SH5075000
METANA see: BD0330000
METANA ALUMINUM PASTE see: BD0330000
METANABOL see: BV8000000
METANDIENON see: BV8000000
METANDIENONE see: BV8000000
METANDIENONUM see: BV8000000
METANDIOL see: BV8100000
METANDREN see: BV8400000
METANDRIOL see: BV8100000
METANDROSTENOLON see: BV8000000
METANDROSTENOLONE see: BV8000000
METANEPHRIN see: DO2625000
METANESULFONATO dell'IDRAZIDE ISONICOTNICA (Italian) see: NS2150000
METANFETAMINA see: SH5075000
METANICOTINE see: UT5550000

OY2213000 METANILAMIDE, N'-(5-CHLORO-2-PYRIMIDYL)-, SILVER SALT
UPDT:8402 MW: 391.60 MOLFM: C10-H8-Cl-N4-O2-S.Ag
SYN: N'-(5-CHLORO-2-PYRIMIDYL)-METANILAMIDE SILVER SALT * 2-METANILAMIDO-5-CHLOROPYRIMIDINE SILVER SALT
TOXICITY DATA AND REFERENCES:
3F13F19J22 ipr-mus LD50:50830 ug/kg DCTODJ 6,267,83

OY2220000 METANILAMIDE, N(sup 1),N(sup 1)-DIMETHYL-4-((o-NITROPHENYL)THIO)-
UPDT:8309 MW: 353.44 MOLFM: C14-H15-N3-O4-S2
SYN: N(sup 1),N(sup 1)-DIMETHYL-4-((o-NITROPHENYL)THIO)METANILAMIDE * 4-DIMETHYLSULPHAMIDO-2-AMINO-2'-NITRODIPHENYL SULPHIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MLD FCTOD7 20,573,82

2-METANILAMIDO-5-CHLOROPYRIMIDINE SILVER SALT see: OY2213000
METANILE YELLOW O see: DB7329500
METANIL YELLOW see: DB7329500
METANIL YELLOW 1955 see: DB7329500
METANIL YELLOW C see: DB7329500
METANIL YELLOW E see: DB7329500
METANIL YELLOW EXTRA see: DB7329500
METANIL YELLOW F see: DB7329500
METANIL YELLOW G see: DB7329500
METANIL YELLOW GRIESBACH see: DB7329500
METANIL YELLOW K see: DB7329500
METANIL YELLOW KRSU see: DB7329500
METANIL YELLOW M3X see: DB7329500

METANIL YELLOW O see: DB7329500
METANIL YELLOW PL see: DB7329500
METANIL YELLOW S see: DB7329500
METANIL YELLOW SUPRA P see: DB7329500
METANIL YELLOW VS see: DB7329500
METANIL YELLOW WS see: DB7329500
METANIL YELLOW Y see: DB7329500
METANIL YELLOW YK see: DB7329500
METANIN see: UY1925000
METANIOBATE de SODIUM (French) see: WC5570000
METANITE see: CK2800000
METANOLO (Italian) see: PC1400000
METANTYL see: BP7632500
METAOKSEDRIN see: DO7525000
METAOXEDRIN see: DO7175000
METAOXEDRIN see: DO7525000
METAOXEDRINE see: DO7175000
METAOXEDRINUM see: DO7525000
METAPHEN see: RO4375000
METAPHENYLENEDIAMINE see: SS7700000
METAPHOR see: TG0175000
METAPHOS see: TG0175000

OY3675000 METAPHOSPHORIC ACID, HEXASODIUM SALT
UPDT:8305 CAS: 10124-56-8 MW: 611.76 MOLFM: O18-P6 6Na
SYN: CALGON * CHEMI-CHARL * HEXAMETAPHOSPHATE, SODIUM SALT * HMP * MEDI-CALGON * PHOSPHATE, SODIUM HEXAMETA * POLYPHOS * SHMP * SODIUM HEXAMETAPHOSPHATE

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:7250 mg/kg	ARZNAD 7,445,57
	ipr-mus LD50:870 mg/kg	REPMBN 10,391,62
	scu-mus LD50:1300 mg/kg	ARZNAD 7,445,57
	ivn-mus LD50:62 mg/kg	ARZNAD 7,445,57
	ivn-rbt LDLo:140 mg/kg	AEPPAE 169,238,33

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OY3700000 METAPHOSPHORIC ACID, LITHIUM SALT
UPDT:8408 CAS: 13762-75-9 MW: 86.92 MOLFM: H-O3-P Li
SYN: LITHIUM METAPHOSPHATE * LITHIUM PHOSPHATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1370 mg/kg	41HTAH -,28,78
*	orl-mus LD50:1200 mg/kg	41HTAH -,28,78

OY3750000 METAPHOSPHORIC ACID, SODIUM SALT
UPDT:8401 CAS: 10361-03-2 MW: 101.96 MOLFM: O3-P Na
SYN: GRAHAM'S SALT * METAFOS * SODIUM METAPHOSPHATE

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:830 mg/kg	REPMBN 10,391,62

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MZUZA8 (8),90,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

METAPHYLLIN see: SI1400000
METAPHYLLIN see: XH5600000
METAPHYLLINE see: XH5600000
METAPIRAZONE see: CD2480000
METAPLEX NO see: TR0400000
METAPLEX 4002T see: TR0400000
METAPOXIDE see: SZ1925000
METAPREL see: DO2275000
METAPROTERENOL see: DO1800000
METAPROTERENOL SULFATE see: DO2275000
METAPYRIN see: PB1300000
METAQUALON see: VA3850000
METAQUEST A see: AH4025000
METAQUEST B see: AH4375000
METAQUEST C see: AH5075000
METARSENOBILLON see: PB1400000
METARTRIL see: NL3500000
METASAP 576 see: ZH5200000
METASILICIC ACID see: VV8850000
METASOL see: OW7000000
METASOL 30 see: OV6475000
METASOL 57 see: OW9100000
METASOL MMH see: OW7000000
METASOL P-6 see: OW9100000
METASOL TK-100 see: DE0700000
METASON see: XF9900000
METASPAS see: DT7361000
METASQUALENE see: KK2400000
METASTENOL see: BV8000000
META-SYMPATHOL see: DO7525000
METASYMPATOL see: DO7175000
META-SYMPATOL see: DO7525000
METASYNEPHRINE see: DO7175000
META-SYNEPHRINE see: DO7525000
META-SYNEPHRINE HYDROCHLORIDE see: DO7525000
METASYSTEMOX see: TG1420000
METASYSTOX see: TG1760000
METASYSTOX (I) see: TG1750000
METASYSTOX FORTE see: TG1750000
METASYSTOX J see: TG1750000
METASYSTOX-R see: TG1420000
METASYSTOX-S see: TG1575000
METATENSIN see: ZG0350000
METATHIO E-50 see: TG0350000
METATHION see: TG0350000
METATHIONE see: TG0350000
METATHION E 50 see: TG0350000
METATHIONINE see: TG0350000
METATHIONINE E50 see: TG0350000
METATION see: TG0350000
METATION E50 see: TG0350000
META TOLUYLENE DIAMINE see: XS9625000
METATOLYLENEDIAMINE DIHYDROCHLORIDE see: XT0175000
N-METATOLYL PHTHALAMIC ACID see: TH8500000
METATSIN see: BP7625000
METAUPON see: RG2275000
METAUPON PASTE see: WX0500000
METAXAN see: BP7632500
METAXON see: AG1575000
METAXONE see: AG2625000
METAZACHLOR see: AB5442000
METAZIN see: WO9275000
METAZIN see: XZ1065000
METAZINE see: XZ1065000
METAZOL see: OW7000000
METAZOLO see: NI8615000
MET CNU see: PD0590000
METEBANYL see: QC8900000
METELILACHLOR see: AN3430000
METENDIOL see: BV8100000
METENIX see: VA1700000
METENOLONE ACETATE see: BV8408500
METEPA see: SZ1925000
METERAZINE see: SO2700000
METERAZIN MALEATE see: SO3150000
METERGOLINE see: FA1070000
METESCUFYLLINE see: PC9450000 METHESCULETOL THEOPHYLLINE
METFENOSSIDIOLO see: TY8400000
METFLORYLTHIAZIDINE see: DK9625000
METFORMIN see: DU1790000
METFORMIN HYDROCHLORIDE see: DU1800000
METHAANTHIOL (Dutch) see: PB4375000
METHABOL see: BV8060000
METHACETONE see: SA8050000
METHACHLOR see: AE1225000
METHACHLORPHENPROP see: UE8840000
METHACHOLIN see: BR5200000
METHACHOLINE see: BR5200000
METHACIDE see: XS5250000
METHACIL see: YR0875000
METHACIN see: BP7625000
METHACON see: UT1750000
METHACROLEIN see: OZ2625000
METHACROLEIN DIMER see: UP7875000

OZ2625000 METHACRYLALDEHYDE
UPDT:8312 CAS: 78-85-3 MW: 70.10 MOLFM: C4-H6-O
SYN: ACROLEIN, 2-METHYL- * ISOBUTENAL * METHACROLEIN * METHACRYLALDEHYDE (DOT) * METHACRYLIC ALDEHYDE * alpha-METHYLACROLEIN * 2-METHYLACROLEIN * METHYLACRYLALDEHYDE * 2-METHYLPROPENAL (Czech) * UN 2396 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H SEV	28ZPAK -,41,72
	eye-rbt 50 ug/24H SEV	28ZPAK -,41,72

MUTATION DATA AND REFERENCES:

	mma-sat 500 umol/L	MUREAV 93,305,82
	mma-sat 500 umol/L	MUREAV 93,305,82

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:111 mg/kg	28ZPAK -,224,72
	ihl-rat LCLo:125 ppm/4H	JIHTAB 31,343,49
*	skn-rbt LD50:364 mg/kg	JIHTAB 31,60,49

STANDARDS & REGULATIONS:

★	DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON	CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METHACRYLALDEHYDE DIMER see: UP7875000
METHACRYLALDEHYDE (DOT) see: OZ2625000

OZ2800000 METHACRYLALDEHYDE, O-(METHYLCARBAMOYL)OXIME
UPDT:8307 CAS: 63869-09-0 MW: 142.18 MOLFM: C6-H10-N2-O2

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:150 mg/kg	TXAPA9 28,313,74
*	skn-rbt LD50:640 mg/kg	TXAPA9 28,313,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METHACRYLAMIDE (8CI) see: UC6475000
METHACRYLATE DE BUTYLE (French) see: OZ3675000
METHACRYLATE DE METHYLE (French) see: OZ5075000
METHACRYL CHLORIDE see: OZ5791000 METHACRYLOYL CHLORIDE

OZ2975000 METHACRYLIC ACID
UPDT:8408 CAS: 79-41-4 MW: 86.10 MOLFM: C4-H6-O2
SYN: ACRYLIC ACID, 2-METHYL- * METHACRYLIC ACID, inhibited (DOT) * alpha-METHYLACRYLIC ACID * 2-METHYLPROPENOIC ACID * PROPIONIC ACID, 2-METHYLENE-

MUTATION DATA AND REFERENCES:

	dnd-esc 50 umol/L	MUREAV 89,95,81

TOXICITY DATA AND REFERENCES:

*	orl-rat LD33:60 mg/kg	85GMAT -,80,82
	ipr-mus LD50:48 mg/kg	JPMSAE 62,778,73
*	skn-rbt LD50:500 mg/kg	DTLVS* 4,257,80

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,141,75

★	TLV-TWA 20 ppm	DTLVS* 4,257,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METHACRYLIC ACID, ALLYL ESTER see: UD3483000
METHACRYLIC ACID AMIDE see: UC6475000
METHACRYLIC ACID ANHYDRIDE see: OZ5700000 METHACRYLIC ANHYDRIDE

OZ3400000 METHACRYLIC ACID, 2-ANILINOETHYL ESTER
UPDT:8408 CAS: 19288-59-6 MW: 205.28 MOLFM: C12-H15-N-O2
SYN: 2-ANILINOETHYL METHACRYLATE * (PHENYLAMINO)ETHYL METHACRYLATE * PHENYL-beta-AMINOETHYL METHACRYLATE * 2-PHENYLAMINOETHYL METHACRYLATE * 2-PROPANOIC ACID, 2-METHYL-, 2-(PHENYLAMINO)ETHYL ESTER (9CI)

TOXICITY DATA AND REFERENCES:

*	orl-mam LD50:5660 mg/kg	85GMAT -,98,82

OZ3500000 METHACRYLIC ACID, 2-(tert-BUTYLAMINO)ETHYL ESTER
UPDT:8305 CAS: 3775-90-4 MW: 185.30 MOLFM: C10-H19-N-O2
SYN: AGEFLEX FM-4 * tert-BUTYLAMINOETHYL METHACRYLATE * 2-(tert-BUTYLAMINO)ETHYL METHACRYLATE * ETHANOL, 2-(tert-BUTYLAMINO)-, METHACEYLATE (ESTER)

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:174 mg/kg	JDREAF 51,526,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,141,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

OZ3675000 METHACRYLIC ACID, BUTYL ESTER
UPDT:8312 CAS: 97-88-1 MW: 142.22 MOLFM: C8-H14-O2
SYN: BUTIL METACRILATO (Italian) * BUTYLMETHACRYLAAT (Dutch) * BUTYL METHACRYLATE * n-BUTYL METHACRYLATE * BUTYL 2-METHACRYLATE * n-BUTYL METHACRYLATE (DOT) * BUTYL 2-METHYL-2-PROPENOATE * METHACRYLATE DE BUTYLE (French) * METHACRYLSAEUREBUTYLESTER (German) * 2-METHYL-BUTYLACRYLAAT (Dutch) * 2-METHYL-BUTYLACRYLAT (German) * 2-METHYL-BUTYLACRYLATE * 2-PROPENOIC ACID, 2-METHYL-, BUTYL ESTER * UN 2227 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 gm/kg open	JIHTAB 23,343,41

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	ipr-rat TDLo:2304 mg/kg (5-15D preg)	JDREAF 51,1632,72
2T34T59	ipr-rat TDLo:690 mg/kg (5-15D preg)	JDREAF 51,1632,72

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:22600 mg/kg	AIHAAP 30,470,69
	ipr-rat LD50:2304 mg/kg	JDREAF 51,1632,72
3F07F19J22	orl-mus LD50:13500 mg/kg	GTPZAB 19(9),57,75
	ipr-mus LDLo:256 mg/kg	CBCCT* 3,53,51
	orl-rbt LDLo:6270 mg/kg	JIHTAB 23,343,41
*	skn-rbt LD50:11300 mg/kg	AIHAAP 30,470,69

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,141,75

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OZ3700000 METHACRYLIC ACID, 2-BUTYLOCTYL ESTER
UPDT:8407 CAS: 10097-26-4 MW: 254.46 MOLFM: C16-H30-O2

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open MLD	AMIHBC 10,61,54
	eye-rbt 500 mg open	AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:26 gm/kg	AMIHBC 10,61,54

OZ3800000 METHACRYLIC ACID, 2-(BUTYLTHIO)ETHYL ESTER
UPDT:8408 MW: 202.34 MOLFM: C10-H18-O2-S
SYN: BUTYLTHIOETHYL METHACRYLATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:5300 mg/kg	85GMAT -,30,82
*	orl-mus LD50:6300 mg/kg	85GMAT -,30,82

METHACRYLIC ACID CHLORIDE see: OZ5791000 METHACRYLOYL CHLORIDE

OZ3855000 METHACRYLIC ACID, 2-CHLOROETHYL ESTER
UPDT:8408 CAS: 1888-94-4 MW: 148.60 MOLFM: C6-H9-Cl-O2
SYN: CHLOROETHYL METHACRYLATE * beta-CHLOROETHYL METHACRYLATE * 2-CHLOROETHYL METHACRYLATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:200 mg/kg	85GMAT -,36,82
*	ihl-rat LC50:550 mg/m3/4H	85GMAT -,36,82
*	ihl-mus LC50:700 mg/m3/2H	85GMAT -,36,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METHACRYLIC ACID 3,4-DICHLOROANILIDE see: AS4025000

OZ4100000 METHACRYLIC ACID, DIESTER with TRIETHYLENE GLYCOL
UPDT:8408 CAS: 109-16-0 MW: 286.36 MOLFM: C14-H22-O6
SYN: NK ESTER 3G * POLYESTER TGM 3 * 2-PROPENOIC ACID, 2-METHYL-, 1,2-ETHANEDIYLBIS(OXY-2,1-ETHANEDIYL) ESTER (9CI) * TEDMA * TGM 3 * TGM 3PC * TGM 3S * TRIETHYLENE GLYCOL DIMETHACRYLATE

TOXICITY DATA AND REFERENCES:

2F07J30	orl-rat LD50:10837 mg/kg	GISAAA 47(4),17,82
2F07J30	orl-mus LD50:10750 mg/kg	GISAAA 47(4),17,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OZ4170000 METHACRYLIC ACID, 2-(DIMETHYLAMINO)-1-((DIMETHYLAMINO)METHYL)ETHYL ESTER
UPDT:8408 CAS: 21476-57-3 MW: 214.35 MOLFM: C11-H22-N2-O2
SYN: BIS(DIMETHYLAMINO)ISOPROPYLMETHACRYLATE * 2-PROPENOIC ACID, 2-METHYL-, 2-(DIMETHYLAMINO)-1-((DIMETHYLAMINO)METHYL)ETHYL ESTER (9CI)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1605 mg/kg	85GMAT -,26,82
*	ihl-rat LC50:110 mg/m3/4H	85GMAT -,26,82
*	ihl-mus LC50:220 mg/m3/2H	85GMAT -,26,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OZ4200000 METHACRYLIC ACID, 2-(DIMETHYLAMINO)ETHYL ESTER
UPDT:8408 CAS: 2867-47-2 MW: 157.24 MOLFM: C8-H15-N-O2
SYN: AGEFLEX FM-1 * DIMETHYLAMINOETHYL METHACRYLATE * N,N-DIMETHYLAMINOETHYL METHACRYLATE * beta-DIMETHYLAMINOETHYL METHACRYLATE * 2-DIMETHYLAMINOETHYL METHACRYLATE * 2-(DIMETHYLAMINO)ETHYL METHACRYLATE * DIMETHYLAMINOETHYL METHACRYLATE (DOT) * ETHANOL, 2-(DIMETHYLAMINO)-, METHACRYLATE * UN 2522 (DOT) * USAF RH-3

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1751 mg/kg	85GMAT -,55,82
*	ihl-rat LC50:620 mg/m3/4H	85GMAT -,55,82
*	ihl-mus LC50:1800 mg/m3/2H	85GMAT -,55,82
*	ipr-mus LD50:97 mg/kg	JDREAF 51,526,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,141,75

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:POISON — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OZ4300000 METHACRYLIC ACID, DODECYL ESTER
UPDT:8305 CAS: 142-90-5 MW: 254.46 MOLFM: C16-H30-O2
SYN: ACRYLIC ACID, 2-METHYL-, DODECYL ESTER * AGEFLEX FM 246 * DODECYL METHACRYLATE * DODECYL 2-METHYL-2-PROPENOATE * LAURYLESTER KYSELINY METHAKRYLOVE (Czech) * LAURYL METHACRYLATE * METHACRYLIC ACID, LAURYL ESTER

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	28ZPAK -,44,72
	eye-rbt 500 mg/24H MOD	28ZPAK -,44,72

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:12 gm/kg	AMPMAR 36,58,75
	ipr-mus LD50:25 gm/kg	JPMSAE 62,778,73

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,141,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

METHACRYLIC ACID, inhibited (DOT) see: OZ2975000

OZ4375000 METHACRYLIC ACID, 2,3-EPOXYPROPYL ESTER
UPDT:8408 CAS: 106-91-2 MW: 142.17 MOLFM: C7-H10-O3
SYN: CP 105 * 2,3-EPOXYPROPYL METHACRYLATE * GLYCIDYL METHACRYLATE * GLYCIDYL alpha-METHYL ACRYLATE * 1-PROPANOL, 2,3-EPOXY-, METHACRYLATE

MUTATION DATA AND REFERENCES:

	mmo-klp 200 umol/L	MUREAV 89,269,81
	cyt-rat-ipr 3 mg/kg	BJPCAL 6,235,51

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:802 mg/kg	AIHAAP 30,470,69
	ipr-mus LD50:1122 mg/kg	JPMSAE 62,778,73
*	skn-rbt LD50:469 mg/kg	AIHAAP 30,470,69

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0179-0270
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OZ4380000 METHACRYLIC ACID, ESTER with ETHYL GLYCOLATE
UPDT:8408 MW: 172.20 MOLFM: C8-H12-O4
SYN: CARBOETHOXYMETHYL METHACRYLATE * GLYCOLIC ACID, ETHYL ESTER, ESTER with METHACRYLIC ACID

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:7885 mg/kg	85GMAT -,32,82

OZ4385000 METHACRYLIC ACID, ESTER with HYDRACRYONITRILE
UPDT:8408 CAS: 4513-53-5 MW: 139.17 MOLFM: C7-H9-N-O2
SYN: CYANOETHYL METHACRYLATE * beta-CYANOETHYL METHACRYLATE * 2-CYANOETHYL METHACRYLATE * 2-PROPENOIC ACID, 2-METHYL-, 2-CYANOETHYL ESTER (9CI)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:7333 mg/kg	85GMAT -,41,82

OZ4390000 METHACRYLIC ACID, ESTER with ISOPROPYL GLYCOLATE
UPDT:8408 MW: 162.21 MOLFM: C7-H14-O4
SYN: CARBOISOPROPOXYMETHYL METHACRYLATE * GLYCOLIC ACID, ISOPROPYL ESTER, ESTER with METHACRYLIC ACID

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:9 gm/kg	85GMAT -,32,82

OZ4400000 METHACRYLIC ACID, ETHYLENE ESTER
UPDT:8408 CAS: 97-90-5 MW: 198.24 MOLFM: C10-H14-O4
SYN: AGEFLEX EGDM * 1,2-BIS(METHACRYLOYLOXY)ETHANE * DIGLYCOL DIMETHACRYLATE * ETHANEDIOL DIMETHACRYLATE * ETHYLDIOL METACRYLATE * ETHYLENE GLYCOL BIS(METHACRYLATE) * ETHYLENE GLYCOL DIMETHACRYLATE * ETHYLENE METHACRYLATE * GLYCOL DIMETHACRYLATE * 2-PROPENOIC ACID, 2-METHYL-, 1,2-ETHANEDIYL ESTER (9CI) * SARTOMER SR 206 * SR 206

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3300 mg/kg	GTPZAB 24(4),58,80
	ipr-rat LD50:2800 mg/kg	AMPMAR 36,58,75
*	orl-mus LD50:2000 mg/kg	GTPZAB 24(4),58,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

OZ4550000 METHACRYLIC ACID, ETHYL ESTER
UPDT:8406 CAS: 97-63-2 MW: 114.16 MOLFM: C6-H10-O2
SYN: ETHYL METHACRYLATE * ETHYL METHACRYLATE, inhibited (DOT) * ETHYL alpha-METHYL ACRYLATE * ETHYL 2-METHYLACRYLATE * ETHYL 2-METHYL-2-PROPENOATE * 2-PROPENOIC ACID, 2-METHYL-, ETHYL ESTER * RCRA WASTE NUMBER U118 * RHOPLEX AC-33 (ROHM and HAAS) * UN 2277 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 gm/kg open	JIHTAB 23,343,41

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	ipr-rat TDLo:735 mg/kg (5-15D preg)	JDREAF 51,1632,72
2T25T59	ipr-rat TDLo:366 mg/kg (5-15D preg)	JDREAF 51,1632,72

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:14800 mg/kg	JIHTAB 23,343,41
	ihl-rat LCLo:15000 mg/m3/3H	JIHTAB 23,343,41
	ipr-rat LD50:1223 mg/kg	JDREAF 51,1632,72
	scu-rat LDLo:25 gm/kg	JIHTAB 23,343,41
*	orl-mus LD50:7836 mg/kg	TOLED5 11,125,82
	ipr-mus LD50:1369 mg/kg	JPMSAE 62,778,73
	orl-rbt LDLo:3630 mg/kg	JIHTAB 23,343,41

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,141,75

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OZ4725000 METHACRYLIC ACID, 2-HYDROXYETHYL ESTER
UPDT:8305 CAS: 868-77-9 MW: 130.16 MOLFM: C6-H10-O3
SYN: ETHYLENE GLYCOL METHACRYLATE * ETHYLENE GLYCOL, MONOMETHACRYLATE * GLYCOL METHACRYLATE * GLYCOL MONOMETHACRYLATE * HYDROXYETHYL METHACRYLATE * beta-HYDROXYETHYL METHACRYLATE * 2-HYDROXYETHYL METHACRYLATE * MHOROMER * MONOMER MG-1

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:1250 mg/kg	AMPMAR 36,58,75
*	orl-mus LD50:5888 mg/kg	TOLED5 11,125,82
	ipr-mus LD50:497 mg/kg	JPMSAE 62,778,73

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,141,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

OZ4900000 METHACRYLIC ACID, ISOBUTYL ESTER
UPDT:8312 CAS: 97-86-9 MW: 142.22 MOLFM: C8-H14-O2
SYN: ISOBUTYL METHACRYLATE * ISOBUTYL alpha-METHACRYLATE * ISOBUTYL METHACRYLATE, inhibited (DOT) * 2-METHYLPROPYL METHACRYLATE * 2-PROPENOIC ACID, 2-METHYL-, 2-METHYLPROPYL ESTER * UN 2283 (DOT)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	ipr-rat TDLo:1401 mg/kg (5-15D preg)	JDREAF 51,1632,72
2T34T59	ipr-rat TDLo:420 mg/kg (5-15D preg)	JDREAF 51,1632,72

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:6400 mg/kg	14CYAT 2,1880,63
*	orl-mus LD50:11990 mg/kg	TOLED5 11,125,82
	ipr-mus LD50:1340 mg/kg	JPMSAE 62,778,73

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,141,75

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OZ5000000 METHACRYLIC ACID, ISODECYL ESTER
UPDT:8305 CAS: 29964-84-9 MW: 226.40 MOLFM: C14-H26-O2
SYN: AGEFLEX FM-10 * ISODECYL METHACRYLATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	ipr-rat TDLo:1479 mg/kg (5-15D preg)	JDREAF 51,1632,72
1T34	ipr-rat TDLo:741 mg/kg (5-15D preg)	JDREAF 51,1632,72
1T59	ipr-rat TDLo:2466 mg/kg (5-15D preg)	JDREAF 51,1632,72

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:2467 mg/kg	JDREAF 51,1632,72
	ipr-mus LD50:3688 mg/kg	JPMSAE 62,778,73

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,141,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METHACRYLIC ACID, LAURYL ESTER see: OZ4300000

OZ5075000 METHACRYLIC ACID, METHYL ESTER

UPDT:8412 CAS: 80-62-6 MW: 100.13 MOLFM: C5-H8-O2
SYN: DIAKON * METHACRYLATE DE METHYLE (French) * METHACRYLSAEUREMETHYL ESTER (German) * METAKRYLAN METYLU (Polish) * METHYLMETHACRYLAAT (Dutch) * METHYL-METHACRYLAT (German) * METHYL METHACRYLATE * METHYL METHACRYLATE MONOMER * METHYL METHACRYLATE MONOMER, inhibited (DOT) * METHYL METHACRYLATE MONOMER, UNIHIBITED (DOT) * METHYL METHYLACRYLATE * METHYL alpha-METHYLACRYLATE * METHYL 2-METHYL-2-PROPENOATE * METIL METACRILATO (Italian) * MME * MONOCITE METHACRYLATE MONOMER * NA 1247 (DOT) * NCI-C50680 * 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER * RCRA WASTE NUMBER U162 * UN 1247 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 gm/kg open	JIHTAB 23,343,41
	eye-rbt 150 mg	INMEAF 14,292,45

MUTATION DATA AND REFERENCES:

	mma-sat 34 mmol/L	JBJSA3 61-A,1203,79
	cyt-rat-ihl 4 mg/m3/16W	BZARAZ 27,102,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T46	ihl-rat TCLo:109 gm/m3/17M (6-15D preg)	TXAPA9 50,451,79
2T35T59	ihl-rat TCLo:109 gm/m3/54M (6-15D preg)	TXAPA9 50,451,79
1T14	ihl-rat TCLo:54 mg/m3/24H (8W pre)	GTPZAB 21(2),49,77
2T34T59	ipr-rat TDLo:405 mg/kg (5-15D preg)	JDREAF 51,1632,72
1T59	ipr-rat TDLo:801 mg/kg (5-15D preg)	JDREAF 51,1632,72

TUMORIGENIC DATA AND REFERENCES:

2V03V10	imp-rat TDLo:1620 mg/kg	CORTBR 88,223,72

TOXICITY DATA AND REFERENCES:

3F04F13F14	ihl-hmn TCLo:125 ppm	GISAAA 19(10),25,54
3F04F13H02	ihl-hmn TCLo:150 mg/m3	GTPZAB 1,56,57
	orl-rat LD50:7872 mg/kg	JIHTAB 23,343,41
	ihl-rat LC50:3750 ppm	14CYAT 2,1880,63
	ipr-rat LD50:1328 mg/kg	JDREAF 51,1632,72
	scu-rat LD50:7500 mg/kg	INMEAF 14,292,45
*	orl-mus LD50:5204 mg/kg	TOLED5 11,125,82
	ihl-mus LCLo:13 gm/m3	GISAAA 20(8),19,55
	ipr-mus LD50:1000 mg/kg	INMEAF 14,292,45
	scu-mus LD50:6300 mg/kg	INMEAF 14,292,45
	orl-dog LDLo:5000 mg/kg	INMEAF 14,292,45
	scu-dog LD50:4500 mg/kg	INMEAF 14,292,45
	orl-rbt LDLo:6550 mg/kg	JIHTAB 23,343,41
	ihl-rbt LCLo:17500 mg/m3/4.5H	JIHTAB 23,343,41
	orl-gpg LD50:6300 mg/kg	INMEAF 14,292,45
	ihl-gpg LCLo:19000 mg/m3/5H	JIHTAB 23,343,41
	ipr-gpg LD50:2000 mg/kg	INMEAF 14,292,45
	scu-gpg LD50:6300 mg/kg	INMEAF 14,292,45

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,141,75; CMTVAS 10(3),49,73

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 19,187,79
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE	IARC** 19,187,79
★ TLV-TWA 100 ppm; STEL 125 ppm	DTLVS* 4,285,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 100 ppm (SCP-D)	FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.101,82

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 S43
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METHACRYLIC ACID METHYL ESTER POLYMERS see: TR0400000

OZ5205000 METHACRYLIC ACID, 2-(METHYLTHIO)ETHYL ESTER

UPDT:8408 CAS: 14216-25-2 MW: 160.25 MOLFM: C7-H12-O2-S
SYN: 2-(METHYLTHIO)ETHYL METHACRYLATE * 2-PROPENOIC ACID, 2-METHYL-, 2-(METHYLTHIO)ETHYL ESTER (9CI)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:7400 mg/kg	85GMAT -,69,82
*	orl-mus LD50:6490 mg/kg	85GMAT -,69,82

OZ5215000 METHACRYLIC ACID, NITRILOTRIETHYLENE ESTER

UPDT:8408 CAS: 13884-43-0 MW: 353.46 MOLFM: C18-H27-N-O6
SYN: TRIETHANOLAMINE TRIMETHACRYL ETHER

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:11163 mg/kg	85GMAT -,115,82

OZ5240000 METHACRYLIC ACID, 2-PIPERIDINOETHYL ESTER

UPDT:8408 CAS: 19416-48-9 MW: 197.31 MOLFM: C11-H19-N-O2
SYN: beta-PIPERIDINOETHYL METHACRYLATE * 2-PIPERIDINOETHYL METHACRYLATE * PIPERIDYLETHYL METHACRYLATE * beta-(N-PIPERIDYL)ETHYL METHACRYLATE * 2-(N-PIPERIDYL)ETHYL METHACRYLATE * 2-(1-PIPERIDYL)ETHYL METHACRYLATE * 2-PROPENOIC ACID, 2-METHYL-, 2-(1-PIPERIDINYL)ETHYL ESTER (9CI)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3532 mg/kg	85GMAT -,100,82

METHACRYLIC ACID, 1,1,1-TRIHYDROXYMETHYL PROPANE TRIESTER see: TY6668000
METHACRYLIC ALDEHYDE see: OZ2625000
METHACRYLIC AMIDE see: UC6475000

OZ5700000 METHACRYLIC ANHYDRIDE

UPDT:8408 CAS: 760-93-0 MW: 154.18 MOLFM: C8-H10-O3
SYN: METHACRYLIC ACID ANHYDRIDE * METHACRYLOYL ANHYDRIDE * 2-METHYL-2-PROPENOIC ACID ANHYDRIDE * 2-PROPENOIC ACID, 2-METHYL-, ANHYDRIDE (9CI)

TOXICITY DATA AND REFERENCES:

*	ihl-mus LC50:450 mg/m3/2H	85GMAT -,80,82

METHACRYLIC CHLORIDE see: OZ5791000 METHACRYLOYL CHLORIDE
METHACRYLONITRILE see: UD1400000
4-METHACRYLOXYETHYL TRIMELLITATE ANHYDRIDE see: NP6600000
METHACRYLOYL ANHYDRIDE see: OZ5700000 METHACRYLIC ANHYDRIDE

OZ5791000 METHACRYLOYL CHLORIDE

UPDT:8408 CAS: 920-46-7 MW: 104.54 MOLFM: C4-H5-Cl-O
SYN: METHACRYL CHLORIDE * METHACRYLIC ACID CHLORIDE * METHACRYLIC CHLORIDE * METHACRYLYL CHLORIDE * METHYLACRYLOYL CHLORIDE * alpha-METHYLACRYLOYL CHLORIDE * 2-METHYLPROPENOIC ACID CHLORIDE * 2-METHYLPROPENOYL CHLORIDE * 2-PROPENOYL CHLORIDE, 2-METHYL- (9CI)

TOXICITY DATA AND REFERENCES:

*	ihl-rat LC50:60 mg/m3/4H	85GMAT -,80,82
*	ihl-mus LC50:115 mg/m3/2H	85GMAT -,80,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METHACRYLSAEUREBUTYLESTER (German) see: OZ3675000
METHACRYLSAEUREMETHYL ESTER (German) see: OZ5075000
METHACRYLYL CHLORIDE see: OZ5791000 METHACRYLOYL CHLORIDE
METHACYCLINE see: QI9275000
METHACYCLINE AMPHOTERIC see: QI9275000
METHACYCLINE BASE see: QI9275000
METHACYCLINE HYDROCHLORIDE see: QI9276000
METHACYCLINE MONOHYDROCHLORIDE see: QI9276000
METHADON see: MJ5950000
METHADONE see: MJ5950000
(+)-METHADONE see: MJ6000000
d-METHADONE see: MJ6000000
L-(+)-METHADONE see: MJ6000000
S-(+)-METHADONE see: MJ6000000
6S-METHADONE see: MJ6000000
METHADONE HYDROCHLORIDE see: MJ6300000
(+-)-METHADONE HYDROCHLORIDE see: MJ6130000
d-METHADONE HYDROCHLORIDE see: MJ6650000
dl-METHADONE HYDROCHLORIDE see: MJ6130000
l-METHADONE HYDROCHLORIDE see: MJ6475000
METHAFORM see: UC0175000
METHAFRONE see: LV1050000
METHAGON see: TU3832000
METHALLIBURE see: EC1490000
METHALLYL ALCOHOL see: UD5250000
METHALLYL ALCOHOL (DOT) see: UD5250000
2-((-)-p-METHALLYLAMINOPHENYL)PROPIONIC ACID see: UF5554000
2-((-)-4-METHALLYLAMINOPHENYL)PROPIONIC ACID see: UF5554000
2-((+)-p-METHALLYLAMINOPHENYL)PROPIONIC ACID see: UF5556000
2-(4-(METHALLYLAMINO)PHENYL)PROPIONIC ACID see: UF5552000
2-((+)-4-METHALLYLAMINOPHENYL)PROPIONIC ACID see: UF5556000
17-alpha-(2'-METHALLYL)-9-beta,10-alpha-ANDROST-4-EN-17-OL-3-ONE see: BV8409000
METHALLYL CHLORIDE see: UC8050000
beta-METHALLYL CHLORIDE see: UC8050000
1-METHALLYL-3-METHYL-6-AMINOTETRAHYDROPYRIMIDINEDIONE see: YQ8800000
METHALLYL-19-NORTESTOSTERONE see: KG8020000
17-alpha-(1-METHALLYL)-19-NORTESTOSTERONE see: KG8017000
17-alpha-(2-METHALLYL)RETROTESTOSTERONE see: BV8409000
METHALUTIN see: KG8000000
METHAM (German) see: FC2100000
METHAMAZOLE see: NI8615000
METHAMEXAMINE see: SC1400000
METHAMIDOPHOS see: TB4970000
METHAMIN see: MN4725000
METHANAMINE see: PF6300000
METHAMINODIAZEPINE HYDROCHLORIDE see: DE9450000
METHAMINODIAZEPOXIDE see: DE9275000
METHAMINODIAZEPOXIDE HYDROCHLORIDE see: DE9450000
METHAMPEX see: SH5075000
METHAMPHETAMINE see: SH4900000
METHAMPHETAMINE HYDROCHLORIDE see: SH5075000
l-METHAMPHETAMINE HYDROCHLORIDE see: SH5250000
METHAMPHIN see: SH5075000
METHAMPYRONE see: PB1300000
METHAM SODIUM see: FC2100000
METHANABOL see: BV8100000
METHANAL see: LP8925000
METHANAMIDE see: LQ0525000
METHANAMINE (9CI) see: PF6300000

PA0350000 METHANAMINE, N,N-DIMETHYL-

UPDT:8406 CAS: 75-50-3 MW: 59.13 MOLFM: C3-H9-N
SYN: TMA * TRIMETHYLAMINE * TRIMETHYLAMINE, anhydrous (DOT) * TRIMETHYLAMINE, aqueous solution (DOT) * UN 1083 (DOT) * UN 1297 (DOT)

TOXICITY DATA AND REFERENCES:

*	ihl-rat LCLo:3500 ppm/4H	TOXID9 4,68,84
	ivn-mus LD50:90 mg/kg	MPHEAE 16,529,67
	scu-mus LDLo:1000 mg/kg	BBMS** -,-,48
	scu-rbt LDLo:800 mg/kg	CRSBAW 83,481,20
	ivn-rbt LDLo:400 mg/kg	BBMS** -,-,48
	rec-rbt LDLo:800 mg/kg	CRSBAW 83,481,20
	scu-frg LDLo:2000 mg/kg	SAPHAO 10,201,1900
*	ihl-mam LC50:6000 mg/m3	TPKVAL 14,80,75

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHREAY 9,389,31

★ TLV-TWA 10 ppm; STEL 15 ppm	DTLWS* 4,415,81

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS, anhydrous	CFRGBR 49,172.101,82
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

METHANAMINE, N-HYDROXY- see: NC3800000
METHANAMINE, N-METHYL- (9CI) see: IP8750000
METHANAMINE, N-METHYL-, HYDROCHLORIDE (9CI) see: IQ0220000

PA0780300 METHANAMINIUM, N-(4-((4-(DIMETHYLAMINO)PHENYL)(4-(ETHYLAMINO)-1-NAPHTHALENYL)METHYLENE)-2,5-CYCLOHEXADIEN-1-YLIDENE)-N-METHYL-, CHLORIDE

UPDT:8412 CAS: 2185-86-6 MW: 458.09 MOLFM: C29-H32-Cl-N3

TUMORIGENIC DATA AND REFERENCES:

3V01M61P62	orl-rat TDLo:4944 mg/kg/73W-I	GISAAA 47(4),30,82
2V01V10	scu-rat TDLo:2361 mg/kg/66W-I	GISAAA 47(4),30,82

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:960 mg/kg	GISAAA 47(4),30,82
*	scu-rat LD50:1408 mg/kg	GISAAA 47(4),30,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METHANAMINIUM, N-(6-(DIMETHYLAMINO)-3H-THIOXANTHEN-3-YLIDENE)-N-METHYL-, CHLORIDE (9CI) see: XO1653000
METHANAMINIUM, N-(6-(DIMETHYLAMINO)-3H-XANTHEN-3-YLIDENE)-N-METHYL-, CHLORIDE (9CI) see: BQ1450000

PA0875000 METHANAMINIUM, N,N,N-TRIMETHYL-, HYDROXIDE

UPDT:8308 CAS: 75-59-2 MW: 91.18 MOLFM: C4-H12-N.H-O
SYN: AMMONIUM, TETRAMETHYL-, HYDROXIDE * HYDROXYDE DE TETRAMETHYLAMMONIUM (French) * TM * TETRAMETHYLAMMONIUM HYDROXIDE * TETRAMETHYL AMMONIUM HYDROXIDE, LIQUID (DOT) * UN 1835 (DOT)

TOXICITY DATA AND REFERENCES:

	scu-mus LDLo:20 mg/kg	AIPTAK 7,183,1900

STANDARDS & REGULATIONS:

★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE	CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

METHANAMINIUM, N,N,N-TRIMETHYL-, PERCHLORATE (9CI) see: BS8250000

METHANDIENONE see: BV8000000
METHANDIOL see: BV8100000
METHANDRIOL see: BV8100000
METHANDROLAN see: BV8100000
METHANDROLONE see: BV8000000
METHANDROSTENOLONE see: BV8000000

PA1490000 METHANE
UPDT:8312 CAS: 74-82-8 MW: 16.05 MOLFM: C-H4
SYN: FIRE DAMP * MARSH GAS * METHANE (DOT) * METHANE, compressed (DOT) * METHANE, refrigerated liquid (DOT) * METHYL HYDRIDE * UN 1971 (DOT) * UN 1972 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PA1575000 METHANEARSONIC ACID
UPDT:7901 CAS: 124-58-3 MW: 139.98 MOLFM: C-H5-As-O3
SYN: MAA * METHYLARSENIC ACID * METHYLARSINIC ACID * METHYLARSONIC ACID * MONOMETHYLARSINIC ACID
TOXICITY DATA AND REFERENCES:
scu-mus LD50:3350 mg/kg — 28ZEAL 4,264,69
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

METHANEARSONIC ACID, AMMONIUM SALT see: PA2450000

PA1800000 METHANEARSONIC ACID, CALCIUM SALT (2:1)
UPDT:8309 CAS: 6423-72-9 MW: 318.02 MOLFM: C2-H8-As2-O6 Ca
SYN: CALAR * CALCIUM ACID METHANEARSONATE * CALCIUM ACID METHYL ARSONATE * CALCIUM HYDROGEN METHANEARSONATE * CALCIUM METHANEARSONATE * CAMA * SUPER DAL-E-RAD * SUPER CRAB-E-RAD-CALAR * SUPER DAL-E-RAD-CALAR * USAF AN-11
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:500 mg/kg — NTIS** AD414-344
* unk-mam LD50:4000 mg/kg — FMCHA2 -,C41,83
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

PA2000000 METHANEARSONIC ACID, DIMERCURY SALT
UPDT:7901 CAS: 63869-15-8 MW: 539.14 MOLFM: C-H3-As-O3 2Hg
SYN: DIMERCUROUS METHANE ARSONATE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:75 mg/kg — NTIS** AD691-490
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 — NTIS**

PA2100000 METHANEARSONIC ACID DIPOTASSIUM SALT
UPDT:8004 CAS: 39159-83-6 MW: 216.16 MOLFM: C-H3-As-O3 2K
SYN: DIPOTASSIUM METHANEARSONATE * USAF AN-15
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:500 mg/kg — NTIS** AD414-344
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

PA2275000 METHANEARSONIC ACID, DISODIUM SALT
UPDT:8405 CAS: 144-21-8 MW: 183.94 MOLFM: C-H3-As-O3 2Na
SYN: ANSAR 184 * ANSAR 8100 * ANSAR DSMA LIQUID * ARRHENAL * ARSINYL * ARSONIC ACID, METHYL-, DISODIUM SALT * ARSYNAL * CACODYL NEW * CHIPCO CRAB KLEEN * CLOUT * CRAB-E-RAD * CRAB-3-RAD 100 * CRALO-E-RAD * DAL-E-RAD 100 * DIARSEN * DIMET * DINATE * DISODIUM METHANEARSENATE * DISODIUM METHANEARSONATE * DISODIUM METHYLARSENATE * DISODIUM METHYLARSONATE * DISODIUM MONOMETHYLARSONATE * DISOMAR * DISOMEAR * DI-TAC * DMA * DMA 100 * DREXEL DSMA LIQUID * DSMA * DSMA LIQUID * JON-TROL * MAA SODIUM SALT * METHAR * METHAR 30 * METHARSAN * METHARSINAT * NAMATE * NEOASYCODILE * SODAR * SODIUM METHANEARSONATE * SODIUM METHARSONATE * SODIUM METHYLARSONATE * SOMAR * STENOSINE * TONARSEN * TONARSIN * VERSAR DSMA LQ * WEED BROOM * WEED-E-RAD * WEED-E-RAD 360 * WEED-E-RAD DMA POWDER * WEED-HOE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T39 ipr-ham TDLo:600 mg/kg (9D preg) — TJADAB 25(2),50A,82
1T35 ipr-ham TDLo:500 mg/kg (12D preg) — BECTA6 29,679,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1800 mg/kg — WRPCA2 9,119,70
* orl-mam LD50:3154 mg/kg — FMCHA2 -,C91,83
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JORCAI 76(3),265,74; 85DHAX As,-,77
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PA2300000 METHANEARSONIC ACID, IRON SALT
UPDT:8403 CAS: 33972-75-7 MW: 530.93 MOLFM: C-H5-As-O3 xFe
SYN: ARSONIC ACID, METHYL-, IRON SALT (9CI) * IRON METHANEARSONATE
MUTATION DATA AND REFERENCES:
mmo-sat 5 mg/plate — MUREAV 116,185,83

PA2450000 METHANEARSONIC ACID, MONOAMMONIUM SALT
UPDT:8312 CAS: 2321-53-1 MW: 157.02 MOLFM: C-H4-As-O3 H4-N
SYN: AMMONIUM METHANEARSONATE * ANSAR 157 * MAMA * METHANEARSONIC ACID, AMMONIUM SALT * MMA * MONOAMMONIUM METHANEARSONATE * USAF AN-16
MUTATION DATA AND REFERENCES:
otr-hmn:oth 3600 ug/L — ITCSAF 17,719,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:750 mg/kg — 28ZEAL 4,266,69
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

PA2625000 METHANEARSONIC ACID, MONOSODIUM SALT
UPDT:8309 CAS: 2163-80-6 MW: 161.96 MOLFM: C-H4-As-O3 Na
SYN: ANSAR 170 * ANSAR 170 H.C. * ANSAR 170L * ANSAR 529 * ARSONIC ACID, METHYL-, MONOSODIUM SALT * ANSAR 529 H.C. * ARSONATE LIQUID * ASAZOL * BUENO * BUENO 6 * DACONATE 6 * DAL-E-RAD * DAL-E-RAD 120 * HERB-ALL * HERBAN M * MERGE * MERGE 823 * MESAMATE * MESAMATE-400 * MESAMATE-600 * MESAMATE CONCENTRATE * MESAMATE H.C. * METHYLARSENIC ACID, SODIUM SALT * MONATE * MONOSODIUM ACID METHANEARSONATE * MONOSODIUM ACID METHARSONATE * MONOSODIUM METHANEARSONATE * MONOSODIUM METHANEARSONIC ACID * MONOSODIUM METHYLARSONATE * MSMA * NCI-C60071 * PHYBAN * PHYBAN H.C. * SILVISAR 550 * SODIUM METHANEARSONATE * TARGET MSMA * TRANS-VERT * WEED-E-RAD * WEED-HOE * SODIUM ACID METHANEARSONATE * WEED 108
IRRITATION DATA AND REFERENCES:
skn-rbt 54 mg open MLD — CIGET* -,-,77
eye-rbt 34 mg MLD — CIGET* -,-,77
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:700 mg/kg — FMCHA2 -,C163,83
unk-mam LD50:50 mg/kg — 30ZDA9 -,260,71
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

PA2630000 METHANEARSONIC ACID, compd. with 2,2',2''-NITRILOTRIETHANOL
UPDT:7901 CAS: 5902-97-6 MW: 1129.08 MOLFM: C6-H15-N-O3 xC-H5-As-O3
SYN: ANSAR 290 D * ETHANOL, 2,2',2''-NITRILOTRI-, compd. with METHANEARSONIC ACID * METHANEARSONIC ACID, TRIETHANOLAMINE SALT * TRIETHANOLAMINE METHANEARSONATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:14 gm/kg — 28ZEAL 5,12,76
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

METHANEARSONIC ACID, TRIETHANOLAMINE SALT see: PA2630000

PA2700000 METHANEARSONOUS ACID, COPPER (II) SALT
UPDT:7901 CAS: 63869-12-5 MW: 185.50 MOLFM: C-H3-As-O2 Cu
SYN: COPPER METHANE ARSONATE
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:10 mg/kg — NTIS** AD295-864
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

METHANEARSONOUS ACID, DIANHYDRIDE with PIPERIDINECARBOXYLIC ACID see: TM6180000
METHANEARSONOUS ACID, DITHIO-, BIS(ANHYDROSULFIDE) with DIMETHYLDITHIOCARBAMIC ACID see: EZ9680000
METHANEARSONOUS ACID, DITHIO-, DIDODECYL ESTER (8CI) see: CG8490000

PA2975000 METHANE, AZOXY-
UPDT:8412 CAS: 25843-45-2 MW: 74.10 MOLFM: C2-H6-N2-O
SYN: AOM * AZOXYMETHANE
MUTATION DATA AND REFERENCES:
mma-sat 13600 umol/L/20M — CNREA8 38,4585,78
sln-dmg-unk 1 mmol/L/3D-C — DRISAA 50,138,73
sln-dmg-orl 1300 umol/L/3D-I — 35WYAM -,63,76
dnd-rat-scu 30 mg/kg — CNREA8 38,1589,78
dnd-rat-orl 10 mg/kg — ENMUDM 4,667,82
dns-rat-orl 10 mg/kg — ENMUDM 4,553,82
dns-rat-orl 10 mg/kg — ENMUDM 4,667,82
bfa-rat/sat 12800 ug/kg — PNASA6 72,4607,75
hma-mus/sat 250 umol/kg — JJIND8 63,977,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 scu-rat TDLo:30 mg/kg (14D preg) — IARCCD 4,45,73
1T35 ivn-rat TDLo:30 mg/kg (15D preg) — IARCCD 4,45,73
TUMORIGENIC DATA AND REFERENCES:
3V03T65C60 orl-rat TDLo:20 mg/kg/(22D preg) — XENOBH 3,271,73
3V03K61M61 orl-rat TDLo:16 mg/kg — 23HZAR -,267,70
3V01K60K61 scu-rat TDLo:3200 ug/kg — VTPHAK 12,165,75
3V01T65M61 ivn-rat TDLo:20 mg/kg (22D preg) — IARCCD 4,45,73
3V03K60K61 rec-rat TDLo:200 mg/kg/20W-I — CNREA8 35,287,75
3V03K60K61 ipr-mus TDLo:96 mg/kg/13W-I — JAVMA4 164,729,74
2V01L60 rec-gpg TDLo:104 mg/kg/33W-I — JNCIAM 56,653,76
2V01K60 scu-rat TD :312 mg/kg/39W-I — DICRAG 16,438,73
3V01K61K60 scu-rat TD :80 mg/kg/10W-I — CNREA8 38,4427,78
2V03K61 scu-rat TD :20 mg/kg — JJIND8 72,745,84
2V03K61 scu-rat TD :80 mg/kg/10W-I — JJIND8 63,141,79
2V03K61 scu-rat TD :12 mg/kg — FEPRA7 31,1482,72
3V03K60K61 scu-rat TD :81 mg/kg/11W-I — CNREA8 44,1472,84
2V01K60 scu-rat TD :208 mg/kg/26W-I — JNCIAM 54,439,75
3V01J60K60 scu-rat TD :192 mg/kg/24W-I — JJIND8 62,1097,79
3V01K60K61 scu-rat TD :80 mg/kg/10W-I — JJIND8 66,553,81
3V03K60K61 scu-rat TD :37 mg/kg/10W-I — JAVMA4 164,729,74
TOXICITY DATA AND REFERENCES:
scu-rat LD50:27 mg/kg — XENOBH 3,271,73
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METHANE BASE see: BY5250000
METHANE, BIS(4-AMINO-3-METHYLPHENYL)- see: BY5300000

PA3400000 METHANE, BIS(2-(2-BUTOXYETHOXY)ETHOXY)-
UPDT:8303 CAS: 143-29-3 MW: 336.53 MOLFM: C17-H36-O6
SYN: BIS(BUTYLCARBITOL)FORMAL * BUTYLCARBITOL FORMAL * CRYOFLEX * DIBUTYLCARBITOLFORMAL * 5,8,11,13,16,19-HEXAOXATRICOSANE (9CI) * TP 90B
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1746 mg/kg — NPIRI* 2,238,75
1F25 orl-mus LD50:2700 mg/kg — GISAAA 46(5),87,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PA3500000 METHANE, 2,2'-BIS(6-t-BUTYL-p-CRESYL)-
UPDT:8305 CAS: 119-47-1 MW: 340.55 MOLFM: C23-H32-O2
SYN: ADVASTAB 405 * ANTAGE W 400 * ANTIOXIDANT 1 * ANTI OX * ANTIOXIDANT 2246 * ANTIOXIDANT BKF * ANTIOXIDANT NG-2246 * AO1 * AO 2246 * AO 1 (ANTIOXIDANT) * BISAKLOFEN BP * 2,2'-BIS-6-terc.BUTYL-p-KRESYLMETHAN (Czech) * BKF * CAO 5 * CAO 14 * CALCO 2246 * CATOLIN 14 * CHEMANOX 21 * p-CRESOL, 2,2'-METHYLENEBIS(6-tert-BUTYL- * LEDERLE 2246 * 2,2'-METHYLENEBIS(4-METHYL-6-tert-BUTYLPHENOL) * NG 2246 * NOCRAC NS 6 * OXY CHEK 114 * PLASTANOX 2246 * SYNOX 5LT
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV — 28ZPAK -,58,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4880 mg/kg — 28ZPAK -,58,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PA3675000 METHANE, BIS(2-CHLOROETHOXY)-
UPDT:8407 CAS: 111-91-1 MW: 173.05 MOLFM: C5-H10-Cl2-O2
SYN: BIS(beta-CHLOROETHYL)FORMAL * BIS(2-CHLOROETHYL)FORMAL * DICHLOROETHYL FORMAL * DI-2-CHLOROETHYL FORMAL * ETHANE, 1,1'-(METHYLENEBIS(OXY))BIS(2-CHLORO- * FORMALDEHYDE BIS(beta-CHLOROETHYL) ACETAL * BIS(2-CHLOROETHOXY)-METHANE * RCRA WASTE NUMBER U024
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open — JIHTAB 30,63,48
eye-rbt 500 mg — AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
orl-rat LD50:65 mg/kg — JIHTAB 30,63,48
ihl-rat LCLo:62 ppm/4H — JIHTAB 31,343,49
skn-gpg LD50:170 mg/kg — JIHTAB 30,63,48
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PA3890000 METHANE, BIS(p-CHLOROPHENOXY)-
UPDT:8403 CAS: 555-89-5 MW: 269.13 MOLFM: C13-H10-Cl2-O2
SYN: BIS(p-CHLOROPHENOXY)METHANE * DCPM * DI-p-CHLORODIPHENOXYMETHANE * DI-(p-CHLOROPHENOXY)METHANE * DI-(4-CHLOROPHENOXY)METHANE * ENT 15,208 * K 1875 * 1,1'-(METHYLENEBIS(OXY))BIS(4-CHLORO)BENZENE * NEOTRAN * OXYTHANE
TOXICITY DATA AND REFERENCES:
1L30 orl-rat LD50:5800 mg/kg — AIHOAX 1,341,50
* ihl-rat LCLo:18000 ppm — MEIEDD 10,176,83
* orl-mus LD50:5800 mg/kg — FMCHA2 -,C167,83

METHANE, BIS(p-(DIMETHYLAMINO)PHENYL)- see: BY5250000
METHANE, BIS(2,3,5-TRICHLORO-6-HYDROXYPHENYL) see: SM0700000
METHANEBIS(N,N'-(5-UREIDO-2,4-DIKETOTETRAHYDROIMIDAZOLE)-N,N-DIMETHYLOL) see: YT7365000

PA4900000 METHANE, BROMO-
UPDT:8412 CAS: 74-83-9 MW: 94.95 MOLFM: C-H3-Br

SYN: BROM-METHAN (German) * BROM-O-GAS * BROM-O-GAZ * BROMOMETANO (Italian) * BROMOMETHANE * BROMURE DE METHYLE (French) * BROMURO DI METILE (Italian) * BROOMMETHAAN (Dutch) * DAWSON 100 * DOWFUME * DOWFUME MC-2 SOIL FUMIGANT * EDCO * EMBAFUME * FUMIGANT-1 (OBS.) * HALON 1001 * ISCOBROME * KAYAFUME * MB * MBX * MEBR * METAFUME * METHOGAS * METHYLBROMID (German) * METHYL BROMIDE * METHYL BROMIDE (DOT) * METHYL BROMIDE, LIQUID (DOT) * METYLU BROMEK (Polish) * MONOBROMOMETHANE * PESTMASTER (OBS.) * PROFUME (OBS.) * R 40B1 * RCRA WASTE NUMBER U029 * ROTOX * TERABOL * TERR-O-GAS 100 * UN 1062 (DOT) * ZYTOX

MUTATION DATA AND REFERENCES:
mmo-sat 400 ppm DHEFDK FDA-78-1046,78
mmo-sat 5 gm/m3 MUREAV 116,185,83
sln-dmg-ihl 150 mg/m3/6H MUREAV 113,272,83

TUMORIGENIC DATA AND REFERENCES:
3V01K17K60 orl-rat TDLo:3250 mg/kg/13W-I TXAPA9 72,262,84

TOXICITY DATA AND REFERENCES:
ihl-man LCLo:60000 ppm/2H BJIMAG 2,24,45
ihl-chd LCLo:1 gm/m3/2H NHOZAX 23,241,69
3F14K13R11 ihl-hmn TCLo:35 ppm INMEAF 11,575,42
* orl-rat LD50:214 mg/kg TXAPA9 72,262,84
ihl-rat LCLo:3120 ppm/15M MRLR** No.23,50
* ihl-mus LC50:1540 mg/m3/2H 85GMAT -,81,82
ihl-rbt LCLo:2000 mg/m3/11H JIHTAB 22,218,40
ihl-gpg LCLo:300 ppm/9H XPHBAO 185,1,29

REVIEW AND REFERENCES:
★ TLV-TWA 5 ppm; STEL 15 ppm (skin) DTLVS* 4,265,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:Cl 20 ppm (skin) (SCP-J) FEREAC 39,23540,74
★ DOT-IMO:POISON A; LABEL:POISON GAS CFRGBR 49,172,102,83

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S372
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PA5250000 METHANE, BROMOCHLORO-
UPDT:8404 CAS: 74-97-5 MW: 129.39 MOLFM: C-H2-Br-Cl
SYN: BROMOCHLOROMETHANE * BROMOCHLOROMETHANE (DOT) * CHLOROBROMOMETHANE * HALON 1011 * METHYLENE CHLOROBROMIDE * MIL-B-4394-B * MONO-CHLORO-MONO-BROMO-METHANE * UN 1887 (DOT)

MUTATION DATA AND REFERENCES:
mmo-sat 10 uL/plate DHEFDK FDA-78-1046,78

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5000 mg/kg 34ZIAG -,390,69
* ihl-rat LCLo:64000 ppm/15M AMIHBC 6,435,52
orl-mus LD50:4300 mg/kg JIHTAB 29,382,47
ihl-mus LC50:2300 ppm/72H JIHTAB 29,382,47

REVIEW AND REFERENCES:
★ TLV-TWA 200 ppm; STEL 250 ppm DTLVS* 4,86,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ppm (SCP-H) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172,101,82
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172,102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1003
REPORTED IN EPA TSCA INVENTORY, 1983

PA5270000 METHANE, BROMOCHLORODIFLUORO-
UPDT:8312 CAS: 353-59-3 MW: 165.37 MOLFM: C-Br-Cl-F2
SYN: BROMOCHLORODIFLUOROMETHANE * CHLORODIFLUOROBROMOMETHANE (DOT) * CHLORODIFLUOROMONOBROMOMETHANE * HALON 1211 * UN 1974 (DOT)

TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:32 pph/15M FLCRAP 1,197,67

STANDARDS & REGULATIONS:
★ DOT-IMO:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172,102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PA5300000 METHANE, BROMO- mixed with DIBROMOETHANE
UPDT:8308
SYN: METHYL BROMIDE and ETHYLENE DIBROMIDE MIXTURE, LIQUID (DOT) * UN 1647 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172,101,82

PA5310000 METHANE, BROMODICHLORO-
UPDT:8412 CAS: 75-27-4 MW: 163.83 MOLFM: C-H-Br-Cl2
SYN: BDCM * BROMODICHLOROMETHANE * DICHLOROBROMOMETHANE * NCI-C55243

MUTATION DATA AND REFERENCES:
mmo-sat 50 uL/plate DHEFDK FDA-78-1046,78
sce-hmn:lym 400 umol/L ENVRAL 32,72,83
sce-mus-orl 200 mg/kg/4D-I ENVRAL 32,72,83

TOXICITY DATA AND REFERENCES:
3F19F25R21 orl-rat LD50:916 mg/kg TXAPA9 52,351,80
orl-mus LD50:450 mg/kg TXAPA9 44,213,78

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

PA5350000 METHANE, BROMODIPHENYL-
UPDT:8308 CAS: 776-74-9 MW: 247.15 MOLFM: C13-H11-Br
SYN: DIPHENYL METHYL BROMIDE, SOLID (DOT) * DIPHENYL METHYL BROMIDE, solution (DOT) * UN 1770 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solid CFRGBR 49,172,101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solution CFRGBR 49,172,101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PA5400000 METHANE, BROMOTRICHLORO-
UPDT:8305 CAS: 75-62-7 MW: 198.27 MOLFM: C-Br-Cl3
SYN: BROMOTRICHLOROMETHANE

MUTATION DATA AND REFERENCES:
dnd-mam:lym 1 mmol/L TOLED5 11,243,82

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg IJMDAI 10,301,74
1F07 ipr-rat LD50:119 mg/kg FAATDF 2,161,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PA5425000 METHANE, BROMOTRIFLUORO-
UPDT:8408 CAS: 75-63-8 MW: 148.92 MOLFM: C-Br-F3
SYN: BROMOFLUOROFORM * BROMOTRIFLUOROMETHANE * BROMOTRIFLUOROMETHANE (DOT) * F-13B1 * FREON 13B1 * HALON 1301 * MONOBROMOTRIFLUORMETHANE (DOT) * TRIFLUOROBROMOMETHANE * TRIFLUOROMONOBROMOMETHANE * UN 1009 (DOT)

TOXICITY DATA AND REFERENCES:
* ihl-rat LC50:416 gm/m3 GTPZAB 26(8),53,82
* ihl-mus LC50:381 gm/m3 GTPZAB 26(8),53,82

REVIEW AND REFERENCES:
★ TLV-TWA 1000 ppm; STEL 1200 ppm DTLVS* 4,414,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1000 ppm (SCP-I) FEREAC 39,23540,74
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172,101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S125
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

METHANECARBONITRILE see: AL7700000
METHANECARBOTHIOLIC ACID see: AJ5600000
METHANECARBOXAMIDE see: AB4025000
METHANECARBOXYLIC ACID see: AF1225000

PA6300000 METHANE, CHLORO-
UPDT:8412 CAS: 74-87-3 MW: 50.49 MOLFM: C-H3-Cl
SYN: ARTIC * CHLOOR-METHAAN (Dutch) * CHLOR-METHAN (German) * CHLOROMETHANE * CHLORURE DE METHYLE (French) * CLOROMETANO (Italian) * CLORURO DI METILE (Italian) * METHYLCHLORID (German) * METHYL CHLORIDE * METHYL CHLORIDE (DOT) * METYLU CHLOREK (Polish) * MONOCHLOROMETHANE * RCRA WASTE NUMBER U045 * UN 1063 (DOT)

MUTATION DATA AND REFERENCES:
mmo-sat 25000 ppm DHEFDK FDA-78-1046,78
mma-sat 25000 ppm DHEFDK FDA-78-1046,78
dns-rat:spr 30 ppm/3H-C ENMUDM 6,392,84
otr-ham:emb 6 mL/plate EVSRBT 25,75,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 ihl-rat TCLo:1500 ppm/6H (50D male) EPASR* 8EHQ-1182-0464
2T34T46 ihl-rat TCLo:1500 ppm/6H (7-19D preg) TJADAB 27,181,83
3T01T02T25 ihl-rat TCLo:3000 ppm/6H (5D male) TOXID9 4,82,84
1T23 ihl-rat TCLo:1500 ppm (70D male) TOXID9 4,84,84
1T47 ihl-mus TCLo:500 ppm/6H (6-17D preg) TJADAB 27,197,83
1T35 ihl-mus TCLo:750 ppm/6H (6-17D preg) TJADAB 27,197,83

TOXICITY DATA AND REFERENCES:
ihl-rat LC50:152000 mg/m3/30M FAVUAI 7,35,75
ihl-mus LC50:3146 ppm/7H NIHBAZ 191,1,49
ihl-dog LCLo:14661 ppm/6H NIHBAZ 191,1,49
ihl-cat LCLo:128700 mg/m3/4H AHBAAM 116,131,36
ihl-gpg LCLo:20000 ppm/2H FLCRAP 1,197,67

REVIEW AND REFERENCES:
★ TLV-TWA 50 ppm; STEL 100 ppm (skin) DTLVS* 4,268,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm;Cl 200;Pk 300/5M/3H (SCP-H) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172,101,82
★ DOT-IMO:POISON A, LABEL:POISON GAS AND FLAMMABLE GAS CFRGBR 49,172,102,8

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S99*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1001
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1182-0464; 8EHQ-1083-0499
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PA6360000 METHANE, CHLORODIBROMO-
UPDT:8412 CAS: 124-48-1 MW: 208.29 MOLFM: C-H-Br2-Cl
SYN: CDBM * CHLORODIBROMOMETHANE * DIBROMOCHLOROMETHANE * NCI-C55254

MUTATION DATA AND REFERENCES:
mmo-sat 10 uL/plate DHEFDK FDA-78-1046,78
sce-hmn:lym 400 umol/L ENVRAL 32,72,83
sce-mus-orl 100 mg/kg/4D-I ENVRAL 32,72,83

TOXICITY DATA AND REFERENCES:
3F19F25R21 orl-rat LD50:848 mg/kg TXAPA9 52,351,80
orl-mus LD50:800 mg/kg TXAPA9 44,213,78

STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

PA6385000 METHANE, CHLORO-, mixed with DICHLOROMETHANE
UPDT:8308
SYN: METHYL CHLORIDE-METHYLENE CHLORIDE MIXTURE (DOT) * UN 1912 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172,101,82

PA6390000 METHANE, CHLORODIFLUORO-
UPDT:8408 CAS: 75-45-6 MW: 86.47 MOLFM: C-H-Cl-F2
SYN: ALGOFRENE TYPE 6 * ARCTON 4 * CHLORODIFLUOROMETHANE * CHLORODIFLUOROMETHANE (DOT) * DIFLUOROCHLOROMETHANE * DIFLUOROMONOCHLOROMETHANE * ELECTRO-CF 22 * ESKIMON 22 * F 22 * FLUOROCARBON 22 * FREON * FREON 22 * FRIGEN * GENETRON 22 * ISCEON 22 * ISOTRON 22 * MONOCHLORODIFLUOROMETHANE * MONOCHLORODIFLUORMETHANE (DOT) * PROPELLANT 22 * R 22 * REFRIGERANT 22 * UCON 22 * UCON 22/HALOCARBON 22 * UN 1018 (DOT)

MUTATION DATA AND REFERENCES:
mmo-sat 33 pph/24H-C TOLED5 2,1,78
mma-sat 33 pph/24H-C TOLED5 2,1,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T03 ihl-rat TCLo:50000 ppm/5H (56D male) FAATDF 1,266,81

TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:25 pph/4H UCDAH** 12,18,69
3F17F18J24 ihl-mus LC50:28 pph/30M TXAPA9 59,64,81
ihl-dog LCLo:70 pph TXAPA9 2,363,60

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FAZMAE 18,365,74; NYSJAM 74(11),1939,74
★ TLV-TWA 1000 ppm; STEL 1250 ppm DTLVS* 4,87,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172,101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PA6408000 METHANE, CHLOROFLUORO-
UPDT:8402 CAS: 593-70-4 MW: 68.48 MOLFM: C-H2-Cl-F
SYN: CHLOROFLUOROMETHANE * FREON 31 * MONOCHLOROMONOFLUOROMETHANE

MUTATION DATA AND REFERENCES:
mmo-sat 5 pph MUREAV 118,277,83
mma-sat 5 pph MUREAV 118,277,83
msc-ham:ovr 10 pph EVSRBT 25,91,82

TOXICITY DATA AND REFERENCES:
ihl-mky LCLo:1000 ppm/4H TXAPA9 48,A109,79

PA6410000 METHANE, CHLOROTRIFLUORO-
UPDT:8403 CAS: 75-72-9 MW: 104.46 MOLFM: C-Cl-F3
SYN: ARCTON 3 * CHLOROTRIFLUOROMETHANE * CHLOROTRIFLUOROMETHANE (DOT) * F 13 * FREON 13 * GENETRON 13 * HALOCARBON 13/UCON 13 * MONOCHLOROTRIFLUOROMETHANE * R 13 * TRIFLUOROCHLOROMETHANE * TRIFLUOROMETHYL CHLORIDE * TRIFLUOROMONOCHLOROCARBON * UN 1022 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PA6420000 METHANE, CHLOROTRIFLUORO mixed with TRIFLUOROMETHANE, with about 60% CHLOROTRIFLUOROMETHANE
UPDT:8312
SYN: CHLOROTRIFLUOROMETHANE and TRIFLUOROMETHANE AZEOTROPIC MIXTURE (DOT) * UN 2599 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS — CFRGBR 49,172.102,83

METHANE, CYANO- see: AL7700000

PA6700000 METHANEDIAMINE, N,N,N',N'-TETRAMETHYL-
UPDT:8308 CAS: 51-80-9 MW: 102.21 MOLFM: C5-H14-N2
SYN: NA 9069 (DOT) * N,N,N',N'-TETRAMETHYLDIAMINOMETHAN (German) * N,N,N',N'-TETRAMETHYLMETHANEDIAMINE * TETRAMETHYL METHYLENE DIAMINE (DOT)
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:220 mg/kg — ARZNAD 16,734,66
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-A; LABEL:NONE — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PA7000000 METHANE, DIAZO-
UPDT:8404 CAS: 334-88-3 MW: 42.05 MOLFM: C-H2-N2
SYN: AZIMETHYLENE * DIAZIRINE * DIAZOMETHANE
MUTATION DATA AND REFERENCES:
mmo-nsc 250 mmol/L — HEREAY 35,521,49
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ihl-rat TCLo:272 mg/m3/26W-I — BJCAAI 16,92,62
2V03J60 ihl-mus TCLo:272 mg/m3/26W-I — BJCAAI 16,92,62
2V03J60 scu-mus TDLo:48 gm/kg/52W-I — BJCAAI 16,92,62
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 7,223,74
★ TLV-TWA 200 ppb — DTLVS* 4,121,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.2 ppm (SCP-J) — FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S137
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PA7200000 METHANE, DIAZODIPHENYL-
UPDT:8308 CAS: 883-40-9 MW: 194.25 MOLFM: C13-H10-N2
SYN: BENZENE, 1,1'-(DIAZOMETHYLENE)BIS- * DIAZODIPHENYLMETHANE (DOT) * 1,1'-DIPHENYLDIAZOMETHANE
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN — CFRGBR 49,172.101,82

PA7350000 METHANE, DIBROMO-
UPDT:8408 CAS: 74-95-3 MW: 173.85 MOLFM: C-H2-Br2
SYN: DIBROMOMETHANE * DIBROMOMETHANE (DOT) * METHYLENE BROMIDE * METHYLENE DIBROMIDE * RCRA WASTE NUMBER U068 * UN 2664 (DOT)
MUTATION DATA AND REFERENCES:
mmo-sat 100 ng/plate — BECTA6 24,590,80
TOXICITY DATA AND REFERENCES:
* ihl-rat LC50:40 gm/m3/2H — 85GMAT -,82,82
scu-mus LD50:3738 mg/kg — TXAPA9 4,354,62
rec-rbt LDLo:5000 mg/kg — JPETAB 34,223,28
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PA7525000 METHANE, DIBROMODIFLUORO-
UPDT:8404 CAS: 75-61-6 MW: 209.83 MOLFM: C-Br2-F2
SYN: DIBROMODIFLUOROMETHANE * DIBROMODIFLUOROMETHANE (DOT) * DIFLUORODIBROMOMETHANE * FREON 12-B2 * HALON 1202 * UN 1941 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:54630 ppm/15M — MRLR** No.23,50
REVIEW AND REFERENCES:
★ TLV-TWA 100 ppm; STEL 150 ppm — DTLVS* 4,142,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm (SCP-H) — FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE — CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S107
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

METHANEDICARBOXYLIC ACID, DIETHYL ESTER see: OO0700000
METHANE DICHLORIDE see: PA8050000

PA8050000 METHANE, DICHLORO-
UPDT:8412 CAS: 75-09-2 MW: 84.93 MOLFM: C-H2-Cl2
SYN: AEROTHENE MM * CHLORURE DE METHYLENE (French) * DCM * DICHLOROMETHANE * DICHLOROMETHANE (DOT) * METHANE DICHLORIDE * METHYLENE BICHLORIDE * METHYLENE CHLORIDE * METHYLENE CHLORIDE (DOT) * METHYLENE DICHLORIDE * METYLENU CHLOREK (Polish) * NARKOTIL * NCI-C50102 * RCRA WASTE NUMBER U080 * SOLAESTHIN * SOLMETHINE * UN 1593 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 810 mg/24H SEV — EJTXAZ 9,171,76
eye-rbt 162 mg MOD — EJTXAZ 9,171,76
eye-rbt 10 mg MLD — TXCYAC 6,173,76
MUTATION DATA AND REFERENCES:
mmo-sat 5700 ppm — MUREAV 56,245,78
mma-sat 5700 ppm — MUREAV 56,245,78
sln-dmg-orl 125 mmol/L — MUREAV 90,91,81
dni-hmn:fbr 5000 ppm/1H-C — MUREAV 81,203,81
otr-rat:emb 160 umol/L — ITCSAF 14,290,78
otr-ham:emb 1300 uL/plate — EVSRBT 25,75,82
dni-ham:lng 5000 ppm/1H-C — MUREAV 81,203,81
oms-ham:ovr 5 gm/L — MUREAV 116,361,83
cyt-ham:ovr 2 gm/L — MUREAV 116,361,83
sce-ham:lng 5000 ppm/1H-C — MUREAV 81,203,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 ihl-rat TCLo:4500 ppm/24H (1-17D preg) — TXAPA9 52,29,80
2T46153 ihl-rat TCLo:1250 ppm/7H (6-15D preg) — TXAPA9 32,84,75
1T46 ihl-mus TCLo:1250 ppm/7H (6-15D preg) — TXAPA9 32,84,75
TUMORIGENIC DATA AND REFERENCES:
2V01N60 ihl-rat TCLo:3500 ppm/6H/2Y-I — FAATDF 4,30,84
2V03R60 ihl-rat TC :500 ppm/6H/2H-I — TXAPA9 48,A185,79
TOXICITY DATA AND REFERENCES:
3F05F07G10 ihl-hmn TCLo:500 ppm/1Y-I — ABHYAE 43,1123,68
1F06 ihl-hmn TCLo:500 ppm/8H — SCIEAS 176,295,72
* orl-rat LD50:2136 mg/kg — PPGDS* JAN81
ihl-rat LC50:88000 mg/m3/30M — FAVUAI 7,35,75
ihl-mus LC50:14400 ppm/7H — NIHBAZ 191,1,49
ipr-mus LD50:1500 mg/kg — TXAPA9 9,139,66
scu-mus LD50:6460 mg/kg — TXAPA9 4,354,62
orl-dog LDLo:3000 mg/kg — QJPPAL 7,205,34
ihl-dog LCLo:14108 ppm/7H — NIHBAZ 191,1,49
ipr-dog LDLo:950 mg/kg — TXAPA9 10,119,67
scu-dog LDLo:2700 mg/kg — QJPPAL 7,205,34
ivn-dog LDLo:200 mg/kg — QJPPAL 7,205,34
ihl-cat LCLo:43400 mg/m3/4.5H — AHBAAM 116,131,36
orl-rbt LDLo:1900 mg/kg — HBTXAC 1,94,55
* ihl-rbt LCLo:10000 ppm/7H — JIHTAB 26,8,44
scu-rbt LDLo:2700 mg/kg — QJPPAL 7,205,34
ihl-gpg LCLo:5000 ppm/2H — FLCRAP 1,197,67
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FAZMAE 18,365,74
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 20,449,79
★ TLV-TWA 100 ppm; STEL 500 ppm — DTLWS* 4,276,81
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ppm;Cl 1000;Pk 2000/5M/2H (SCP-J) — FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE — CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS — CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO METHYLENE CHLORIDE recm std-air:TWA 75 ppm;Pk 500 ppm/15M — NTIS**
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1005
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0345;8EHQ-0180-0324
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PA8200000 METHANE, DICHLORODIFLUORO-
UPDT:8408 CAS: 75-71-8 MW: 120.91 MOLFM: C-Cl2-F2
SYN: ALGOFRENE TYPE 2 * ARCTON 6 * DICHLORODIFLUOROMETHANE * DICHLORODIFLUOROMETHANE (DOT) * DIFLUORODICHLOROMETHANE * DWUCHLORODWUFLUOROMETAN (Polish) * ELECTRO-CF 12 * F 12 * FC 12 * FLUOROCARBON 12 * FREON 12 * ESKIMON 12 * FREON F-12 * FRIGEN 12 * GENETRON 12 * HALON * ISCEON 122 * ISOTRON 12 * KAISER CHEMICALS 12 * LEDON 12 * PROPELLANT 12 * RCRA WASTE NUMBER U075 * REFRIGERANT 12 * UCON 12 * UCON 12/HALOCARBON 12 * UN 1028 (DOT)
TOXICITY DATA AND REFERENCES:
3D25J14L30 ihl-hmn TCLo:200000 ppm/30M — EJTXAZ 9,385,76
ihl-rat LC50:80 pph/30M — EJTXAZ 9,385,76
ihl-mus LC50:76 pph/30M — EJTXAZ 9,385,76
ihl-rbt LC50:80 pph/30M — EJTXAZ 9,385,76
ihl-gpg LC50:80 pph/30M — EJTXAZ 9,385,76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FAZMAE 18,365,74; NYSJAM 74(11),1939,74
★ TLV-TWA 1000 ppm; STEL 1250 ppm — DTLVS* 4,128,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1000 ppm (SCP-H) — FEREAC 39,23540,74
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS — CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S111
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0345
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PA8220000 METHANE, DICHLORODIFLUORO- mixed with CHLORODIFLUOROMETHANE
UPDT:8310 CAS: 70281-30-0
SYN: DICHLORODIFLUOROMETHANE-CHLORODIFLUOROMETHANE MIXTURE (DOT) * NA 1954 (DOT) * UN 1078 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS (UN1078) — CFRGBR 49,172.101,82
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS (NA1954) — CFRGBR 49,172.101,82

PA8250000 METHANE, DICHLORODIFLUORO- mixed with DICHLOROTETRAFLUOROETHANE
UPDT:8310 CAS: 57197-42-9 MW: 291.83 MOLFM: C2-Cl2-F4 C-Cl2-F2
SYN: DICHLORODIFLUOROMETHANE-DICHLOROTETRAFLUOROETHANE MIXTURE (DOT) * NA 1954 (DOT) * UN 1078 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS (UN1078) — CFRGBR 49,172.101,82
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS (NA1954) — CFRGBR 49,172.101,82

PA8260000 METHANE, DICHLORODIFLUORO- mixed with 1,1-DIFLUOROETHANE
UPDT:8403 CAS: 56275-41-3 MW: 186.97 MOLFM: C2-H4-F2 C-Cl2-F2
SYN: DICHLORODIFLUOROMETHANE and DIFLUOROETHANE mixture (constant boiling mixture) (DOT) * FREON 500 * NA 1954 (DOT) * UCON 500/HALOCARBON 500 * UN 1078 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS (UN1078) — CFRGBR 49,172.101,82
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS (NA1954) — CFRGBR 49,172.101,82

PA8264000 METHANE, DICHLORODIFLUORO- mixed with DIFLUOROETHANE, with approximately 74% DICHLORODIFLUOROMETHANE
UPDT:8312 MW: 186.97 MOLFM: C2-H4-F2 C-Cl2-F2
SYN: DICHLORODIFLUOROMETHANE and DIFLUOROETHANE, azeotropic mixture (DOT) * UN 2602 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS — CFRGBR 49,172.102,83

PA8275000 METHANE, DICHLORODIFLUORO- mixed with FLUOROTRICHLOROMETHANE
UPDT:8310
SYN: DICHLORODIFLUOROMETHANE-TRICHLOROMONOFLUOROMETHANE MIXTURE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS (UN1078) — CFRGBR 49,172.101,82

PA8276000 METHANE, DICHLORODIFLUORO- and METHANE, FLUOROTRICHLORO- mixed with CHLORODIFLUOROMETHANE
UPDT:8407
SYN: DICHLORODIFLUOROMETHANE-TRICHLOROFLUOROMETHANE-CHLORODIFLUOROMETHANE MIXTURE (DOT) * NA 1954 (DOT) * UN 1078 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS (UN1078) CFRGBR 49,172,101,82
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS (NA1954) CFRGBR 49,172,101,82

PA8278000 METHANE, DICHLORODIFLUORO-, mixed with TRICHLOROFLUOROMETHANE (1:1)
UPDT:8308 MW: 258.27 MOLFM: C-Cl3-F C-Cl2-F2
SYN: DICHLOROFLUOROMETHANE-TRICHLOROFLUOROMETHANE (DOT) * NA 1954 (DOT) * UN 1078 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-rat LC50:30 pph/30M EJTXAZ 9,385,76
ihl-mus LC50:22 pph/30M EJTXAZ 9,385,76
ihl-gpg LC50:50 pph/30M EJTXAZ 9,385,76

PA8280000 METHANE, DICHLORODIFLUORO- mixed with TRICHLOROTRIFLUOROETHANE
UPDT:8310
SYN: DICHLORODIFLUOROMETHANE-TRICHLOROTRIFLUOROETHANE MIXTURE (DOT) * NA 1954 (DOT) * UN 1078 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS (UN1078) CFRGBR 49,172,101,82
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS (NA1954) CFRGBR 49,172,101,82

PA8400000 METHANE, DICHLOROFLUORO-
UPDT:8404 CAS: 75-43-4 MW: 102.92 MOLFM: C-H-Cl2-F
SYN: ALGOFRENE TYPE 5 * ARCTON 7 * DICHLOROFLUOROMETHANE * DICHLOROMONOFLUOROMETHANE * DICHLOROMONOFLUOROMETHANE (DOT) * DWUCHLOROFLUOROMETAN (Polish) * FLUORODICHLOROMETHANE * FREON 21 * GENETRON 21 * UN 1029 (DOT)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 ihl-rat TCLo:1 pph/6H (6-15D preg) TXAPA9 45,293,78
TOXICITY DATA AND REFERENCES:
* ihl-rat LC50:49900 ppm/4H DTLVS* 4,132,80
ihl-gpg LCLo:10 pph/1H FLCRAP 1,197,67
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FAZMAE 18,365,74
★ TLV-TWA 10 ppm DTLVS* 4,132,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1000 ppm (SCP-H) FEREAC 39,23540,74
★ DOT-IMO:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172,102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S109
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PA8440000 METHANE, DICUMENYL-
UPDT:8408 CAS: 25566-92-1 MW: 252.43 MOLFM: C19-H24
SYN: DICUMYLMETHANE * DKM (Russian)
TOXICITY DATA AND REFERENCES:
orl-mus LDLo:15 gm/kg TPKVAL 6,73,64
ihl-mus LCLo:122 mg/m3 TPKVAL 6,73,64
scu-mus LDLo:19 gm/kg TPKVAL 6,73,64

METHANE, DICYANO- see: OO3150000

PA8500000 METHANE, DIETHOXY-
UPDT:7908 CAS: 462-95-3 MW: 104.17 MOLFM: C5-H12-O2
SYN: DIETHOXYMETHANE (DOT) * ETHYLAL * UN 2373 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rbt LD50:2604 mg/kg PSEBAA 29,730,32
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172,102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PA8575000 METHANE, DIIODO-
UPDT:8402 CAS: 75-11-6 MW: 267.83 MOLFM: C-H2-I2
SYN: DIIODOMETHANE * METHYLENE IODIDE * MI-GEE
TOXICITY DATA AND REFERENCES:
scu-mus LD50:830 mg/kg TXAPA9 4,354,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PA8750000 METHANE, DIMETHOXY-
UPDT:8404 CAS: 109-87-5 MW: 76.11 MOLFM: C3-H8-O2
SYN: ANESTHENYL * DIMETHOXYMETHANE * FORMAL * FORMALDEHYDE DIMETHYLACETAL * METHYLAL * METHYLENE DIMETHYL ETHER * METHYLAL (DOT) * METYLAL (Polish) * UN 1234 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-rat LC50:15000 ppm NPIRI* 1,73,74
orl-rbt LD50:5708 mg/kg PSEBAA 29,730,32
scu-gpg LDLo:3013 mg/kg BJIMAG 8,279,51
REVIEW AND REFERENCES:
★ TLV-TWA 1000 ppm; STEL 1250 ppm DTLVS* 4,262,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1000 ppm (SCP-F) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172,101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S71
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

PA8770000 METHANE, DINITRO-
UPDT:8308 CAS: 625-76-3 MW: 106.05 MOLFM: C-H2-N2-O4
SYN: DINITROMETHANE * DINITROMETHANE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172,101,82

PA8925000 METHANEDIOL, DIMETHANESULFONATE
UPDT:8412 CAS: 156-72-9 MW: 204.23 MOLFM: C3-H8-O6-S2
SYN: ENT 51799 * METHANESULFONIC ACID, METHYLENE ESTER * METHYLENE BIS(METHANESULFONATE) * METHYLENE DIMETHANESULFONATE
MUTATION DATA AND REFERENCES:
dlt-oin-skn 5 ug MUREAV 7,63,69
dnd-rat-ipr 10 mg/kg CBINA8 3,149,71
dnd-rat-unk 25 mg/kg CBINA8 7,265,73
dlt-rat-ipr 15 mg/kg CCPTAY 13,639,76
dni-mus:oth 5 mg/L CBINA8 11,501,75
msc-mus:lym 50 umol/L MUREAV 25,107,74
dnd-mam:oth 250 umol/L CBINA8 38,119,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-rat TDLo:3500 ug/kg (7D male) 85GUAJ -,55,66
2T82T91 ipr-rat TDLo:15 mg/kg (15D preg) JRPFA4 18,15,69
1T46 ipr-rat TDLo:15 mg/kg (13D preg) JRPFA4 17,325,68
2T53T91 ipr-rat TDLo:15 mg/kg (15D preg) JRPFA4 17,325,68
1T23 ipr-rat TDLo:15 mg/kg (1D male) BCSTB5 1,523,73
1T25 ipr-rat TDLo:15 mg/kg (1D male) CCPTAY 13,639,76
1T23 par-rat TDLo:15 mg/kg (1D male) 85GUAJ -,55,66
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:25 mg/kg BJPCAL 24,24,65
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PA8950000 METHANEDIOL, DINITRATE
UPDT:8308 CAS: 38483-28-2 MW: 138.05 MOLFM: C-H2-N2-O6
SYN: METHYLENE DINITRATE * METHYLENE GLYCOL DINITRATE * METHYLENE GLYCOL DINITRATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172,101,82

PA9050000 METHANEDISULFONIC ACID, CALCIUM SALT (1:1)
UPDT:8406 CAS: 819-17-0 MW: 214.23 MOLFM: C-H2-O6-S2.Ca
SYN: CALCIUM METHIONATE
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:329 mg/kg JAPMA8 45,47,56
* scu-mus LD50:1085 mg/kg JAPMA8 45,47,56
* ivn-mus LD50:422 mg/kg JAPMA8 45,47,56

PA9070000 METHANE, DITOLYL-
UPDT:8408 CAS: 1335-47-3 MW: 196.31 MOLFM: C15-H16
SYN: BENZENE, 1,1'-METHYLENEBIS(METHYL- (9CI) * DITOLYLMETHANE * METHYLENEBIS(TOLUENE)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg 85GMAT -,63,82
* ihl-mus LC50:12 mg/m3/3H 85GMAT -,63,82

METHANE (DOT) see: PA1490000
METHANE, compressed (DOT) see: PA1490000
METHANE, refrigerated liquid (DOT) see: PA1490000
METHANE, ETHOXY see: KO0260000

PA9154000 METHANE, FLUORO-
UPDT:8401 CAS: 593-53-3 MW: 34.04 MOLFM: C-H3-F
SYN: FLUOROMETHANE * FREON 41 * METHYL FLUORIDE (DOT) * UN 2454 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172,102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

METHANE, FLUOROTRICHLORO- see: PB6125000
METHANE, (2-HYDROXYETHOXY)METHOXY- see: KL6475000

PA9450000 METHANE, IODO-
UPDT:8408 CAS: 74-88-4 MW: 141.94 MOLFM: C-H3-I
SYN: HALON 10001 * IODOMETANO (Italian) * IODOMETHANE * IODURE DE METHYLE (French) * JOD-METHAN (German) * JOODMETHAAN (Dutch) * METHYL IODIDE * METHYL IODIDE (DOT) * METHYLJODID (German) * METHYLJODIDE (Dutch) * METYLU JODEK (Polish) * MONOIODURO DI METILE (Italian) * RCRA WASTE NUMBER U138 * UN 2644 (DOT)
IRRITATION DATA AND REFERENCES:
skn-hmn 1 gm/10M MLD BJIMAG 7,122,50
skn-rat 1 gm/30M MLD BJIMAG 7,122,50
MUTATION DATA AND REFERENCES:
mmo-sat 2 uL/plate JJIND8 62,873,79
mmo-sat 2 uL/plate JJIND8 62,873,79
mmo-esc 20 umol/L ARTODN 46,277,80
dnr-esc 10 ug/disc JJIND8 62,873,79
dnd-esc 1 umol/L ARTODN 46,277,80
mrc-smc 1000 ppm JJIND8 62,901,79
mmo-mus:lym 50 mg/L/4H MUREAV 59,61,79
msc-mus:lym 15 mg/L/2H MUREAV 59,61,79
slt-ham:ovr 1500 ug/L MUREAV 136,137,84
otr-ham:emb 1 mg/L IJCNAW 19,642,77
TUMORIGENIC DATA AND REFERENCES:
3V03K61V10 scu-rat TDLo:50 mg/kg ZEKBAI 74,241,70
2V02J60 ipr-mus TDLo:44 mg/kg/8W-I CNREA8 35,1411,75
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:150 mg/kg BJIMAG 7,122,50
ihl-rat LCLo:3790 ppm/15M MRLR** No 23,50
skn-rat LDLo:800 mg/kg KODAK* 21MAY71
* ipr-rat LD50:101 mg/kg 85GMAT -,84,82
scu-rat LDLo:150 mg/kg BJIMAG 7,122,50
ihl-mus LCLo:5000 mg/m3/1H BJIMAG 7,122,50
* ipr-mus LD50:172 mg/kg 85GMAT -,84,82
scu-mus LD50:110 mg/kg TXAPA9 4,354,62
* ipr-gpg LD50:51 mg/kg 85GMAT -,84,82
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 15,245,77
★ TLV-TWA 2 ppm; STEL 5 ppm (skin) DTLVS* 4,281,80
★ TLV-SUSPECTED CARCINOGEN DTLVS* 4,281,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 ppm (skin) (SCP-H) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172,102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S98
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METHANE, ISOCYANATOMETHOXY- (9CI) see: NQ9240000

PA9625000 METHANE, ISOTHIOCYANATO-
UPDT:8312 CAS: 556-61-6 MW: 73.12 MOLFM: C2-H3-N-S
SYN: EP-161E * ISOTHIOCYANATE DE METHYLE (French) * ISOTHIOCYANATOMETHANE * ISOTHIOCYANIC ACID, METHYL ESTER * ISOTIOCIANATO DI METILE (Italian) * METHYLISOTHIOCYANAAT (Dutch) * METHYL-ISOTHIOCYANAT (German) * METHYL ISOTHIOCYANATE * METHYL ISOTHIOCYANATE (DOT) * METHYL MUSTARD OIL * METHYLSENFOEL (German) * MIC * MIT * MITC * MORTON EP 161E * TRAPEX * TRAPEXIDE * UN 2477 (DOT) * VORLEX * VORTEX * WN 12
TOXICITY DATA AND REFERENCES:
3F12F17F24 orl-wmn LDLo:1 gm/kg BMJOAE 283,18,81
orl-rat LD50:97 mg/kg ASCHAN 32,183,59
skn-rat LD50:2780 mg/kg 85DPAN -,-,71/76
orl-mus LD50:97 mg/kg PCOC** -,729,66
skn-mus LD50:1820 mg/kg 85DPAN -,-,71/76
scu-mus LD50:50 mg/kg ARZNAD 5,505,55
skn-rbt LD50:33 mg/kg TXAPA9 42,417,77
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172,102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PA9800000 METHANE, NITRO-
UPDT:8404 CAS: 75-52-5 MW: 61.05 MOLFM: C-H3-N-O2
SYN: NITROCARBOL * NITROMETAN (Polish) * NITROMETHANE * NITROMETHANE (DOT) * UN 1261 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1210 mg/kg NPIRI* 1,90,74
orl-mus LD50:1440 mg/kg AMIHAB 11,102,55
ipr-mus LD50:110 mg/kg KHFZAN 10(6),53,76
2M04L02 orl-dog LDLo:125 mg/kg AMIHAB 11,102,55
2L02J25 ivn-dog LDLo:800 mg/kg AMIHAB 11,102,55
• ihl-mky LCLo:1000 ppm INMEAF 16,441,47
orl-rbt LDLo:750 mg/kg JIHTAB 22,315,40
• ivn-rbt LDLo:750 mg/kg AMIHAB 11,102,55
REVIEW AND REFERENCES:
★ TLV-TWA 100 ppm; STEL 150 ppm DTLVS* 4,308,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm (SCP-P) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 S220
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

METHANE, OXYBIS(CHLORO- see: KN1575000
METHANE, PHENYL- see: XS5250000

PB0370000 METHANESULFENYL CHLORIDE, TRICHLORO-
UPDT:8408 CAS: 594-42-3 MW: 185.87 MOLFM: C-Cl4-S
SYN: CLAIRSIT * MERCAPTAN METHYLIQUE PERCHLORE (French) * PCM * PERCHLORMETHYLMERKAPTAN (Czech) * PERCHLOROMETHYL MERCAPTAN * PERCHLORO-METHYL-MERCAPTAN (DOT) * RCRA WASTE NUMBER P118 * TRICHLOROMETHANE SULFENYL CHLORIDE * TRICHLOROMETHANESULPHENYL CHLORIDE * TRICHLOROMETHYLSULFENYL CHLORIDE * TRICHLOROMETHYLSULPHENYL CHLORIDE * UN 1670 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,13,72
eye-rbt 50 ug/24H SEV 28ZPAK -,13,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:83 mg/kg 28ZPAK -,13,72
• ihl-rat LCLo:260 mg/m3/4H 85GMAT -,97,82
• ihl-mus LC50:296 mg/m3/2H 85GMAT -,97,82
• ivn-mus LD50:56 mg/kg CSLNX* NX#06768
REVIEW AND REFERENCES:
★ TLV-TWA 100 ppb DTLVS* 4,326,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.1 ppm (SCP-S) FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB0380000 METHANESULFINIC ACID, HYDROXY-, MONOSODIUM SALT
UPDT:8403 CAS: 149-44-0 MW: 119.10 MOLFM: C-H4-O3-S.Na
SYN: ALDANIL * DISCOLITE * FORMALDEHYDE HYDROSULFITE * FORMALDEHYDE SODIUM BISULFITE ADDUCT * FORMALDEHYDE SODIUM SULFOXYLATE * FORMALDEHYDESULFOXYLIC ACID SODIUM SALT * FORMOPAN * HYDROLIT * HYDROSULFITE AWC * HYDROXYMETHANESULFINIC ACID SODIUM SALT * RONGALIT * RONGALIT C * RONGALITE * RONGALITE C * SODIUM FORMALDEHYDE SULFOXYLATE * SODIUM HYDROXYMETHANESULFINATE * SODIUM METHANALSULFOXYLATE * SODIUM SULFOXYLATE FORMALDEHYDE
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:3000 mg/kg PHRPA6 49,908,34
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

METHANE, SULFINYLBIS- see: PV6210000

PB0390300 METHANESULFONAMIDE, N-(o-(9-ACRIDINYLAMINO)BENZYL)-, HYDROCHLORIDE
UPDT:8401 CAS: 75775-87-0 MW: 413.95 MOLFM: C21-H19-N3-O2-S.Cl-H
SYN: N-(o-(9-ACRIDINYLAMINO)BENZYL)METHANESULFONAMIDE HYDROCHLORIDE * N-((2-(9-ACRIDINYLAMINO)PHENYL)METHYL)METHANESULFONAMIDE MONOHYDROCHLORIDE
MUTATION DATA AND REFERENCES:
dnd-mam:lym 46 umol/L JMCMAR 24,170,81

PB0405000 METHANESULFONAMIDE, N-(p-(ACRIDIN-9-YLAMINO)PHENYL)-, HYDROCHLORIDE
UPDT:8312 CAS: 75775-83-6 MW: 399.92 MOLFM: C20-H17-N3-O2-S.Cl-H
MUTATION DATA AND REFERENCES:
mmo-sat 110 umol/L JMCMAR 22,251,79
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:66 mg/kg JMCMAR 22,251,79

METHANESULFONAMIDE, N-(3-BENZOYLPHENYL)-1,1-DIFLUORO- (9CI) see: PB0507500
METHANESULFONAMIDE, N-(4-((2-CHLORO-9-ACRIDINYL)AMINO)PHENYL)- see: PB0512080

PB0470000 METHANESULFONAMIDE, N-(p-CHLOROPHENYL)-N-((1,1,2,2-TETRACHLORO-2-FLUOROETHYL)THIO)-
UPDT:8309 CAS: 22729-74-4 MW: 421.54 MOLFM: C9-H7-Cl5-F-N-O2-S2
SYN: N-(4-CHLOROPHENYL)-N-((1,1,2,2-TETRACHLORO-2-FLUOROETHYL)THIO)METHANESULFONAMIDE * ENT 27,254 * R 10043 * STAUFFER R 10043
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1470 mg/kg ARSIM* 20,23,66

PB0476100 METHANESULFONAMIDE, N-(2-HYDROXY-1-(HYDROXYMETHYL)ETHYL)-1-IODO-
UPDT:8408 MW: 295.11 MOLFM: C4-H10-I-N-O4-S
TOXICITY DATA AND REFERENCES:
• ivn-mus LD50:10929 mg/kg USXXAM #4001323
• ice-mus LD50:895 mg/kg USXXAM #4001323
• par-rbt LD50:207 mg/kg USXXAM #4001323

METHANESULFONAMIDE, N-(3-(1-HYDROXY-2-(METHYLAMINO)ETHYL)PHENYL)-, MONOMETHANESULFONATE SALT see: PB0870200
METHANESULFONAMIDE, N-(4-((3-METHOXY-9-ACRIDINYL)AMINO)PHENYL)- see: PB0912000
METHANESULFONAMIDE, N-(4-((3-NITRO-9-ACRIDINYL)AMINO)PHENYL)- see: PB0965000
METHANESULFONAMIDE, N-(4-NITRO-2-PHENOXYPHENYL)- (9CI) see: PB0970000

PB0480000 METHANESULFONAMIDE, N-(4-PHENYLSULFONYL-o-TOLYL)-1,1,1-TRIFLUORO-
UPDT:8309 CAS: 37924-13-3 MW: 379.39 MOLFM: C14-H12-F3-N-O4-S2
SYN: DESTUN * MBR 8251 * PERFLUIDONE * 1,1,1-TRIFLUORO-N-(2-METHYL-4-(PHENYLSULFONYL)PHENYL)METHANESULFONAMIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:633 mg/kg 85ARAE 2,215,77
• orl-mus LD50:920 mg/kg FMCHA2 -,C181,83

PB0503000 METHANESULFONANILIDE, 4'-(9-ACRIDINYLAMINO)-2'-AMINO-
UPDT:8312 CAS: 72739-[illegible]-5 MW: 378.48 MOLFM: C20-H18-N4-O2-S
SYN: 4'-(9-ACRIDINYLAMINO)-2'-AMINOMETHANESULFONANILIDE
MUTATION DATA AND REFERENCES:
mmo-sat 42 umol/L JMCMAR 23,269,80
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:70 mg/kg JMCMAR 23,269,80

PB0504000 METHANESULFONANILIDE, 4'-(9-ACRIDINYLAMINO)-3'-AMINO-
UPDT:8312 CAS: 61417-10-5 MW: 378.48 MOLFM: C20-H18-N4-O2-S
SYN: 4'-(9-ACRIDINYLAMINO)-3'-AMINOMETHANESULFONANILIDE
MUTATION DATA AND REFERENCES:
mmo-sat 282 umol/L JMCMAR 23,269,80
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:50 mg/kg JMCMAR 23,269,80

PB0504100 METHANESULFONANILIDE, 4'-(9-ACRIDINYLAMINO)-2'-CHLORO-
UPDT:8403 MW: 397.90 MOLFM: C20-H16-Cl-N3-O2-S
SYN: 4'-(9-ACRIDINYLAMINO)-2'-CHLOROMETHANESULFONANILIDE
MUTATION DATA AND REFERENCES:
mmo-sat 50 uL/well MUREAV 116,289,83

PB0505000 METHANESULFONANILIDE, 4'-(9-ACRIDINYLAMINO)-2'-METHOXY-
UPDT:8403 MW: 393.49 MOLFM: C21-H19-N3-O3-S
SYN: 4'-(9-ACRIDINYLAMINO)METHANESULFON-o-ANISIDIDE * 4'-(9-ACRIDINYLAMINO)-2'-METHOXYMETHANESULFONANILIDE * N-(4-(9-ACRIDINYLAMINO)-3-METHOXYPHENYL)METHANESULFONAMIDE * o-AMSA * METHANESULFON-o-ANISIDIDE, 4'-(9-ACRIDINYLAMINO)-
MUTATION DATA AND REFERENCES:
mmo-sat 162 umol/L JMCMAR 23,269,80
sce-hmn:lym 50 ug/L MUREAV 68,295,79
dnd-mus:leu 10 umol/L BICHAW 20,6553,81
dnd-mus:oth 40 umol/L ANBCA2 125,91,82
dnd-mam:lym 100 mmol/L CBINA8 44,53,83
TOXICITY DATA AND REFERENCES:
3H17P14P17 ivn-hmn TDLo:34 mg/kg CTRRDO 62,1421,78
ipr-mus LD10:110 mg/kg JMCMAR 23,269,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB0506000 METHANESULFONANILIDE, 4'-(9-ACRIDINYLAMINO)-3'-METHOXY-, METHANESULFONATE
UPDT:8405 MW: 489.60 MOLFM: C21-H19-N3-O3-S.C-H4-O3-S
SYN: 4'-(9-ACRIDINYLAMINO)-3'-METHOXYMETHANESULFONANILIDE METHANESULFONATE * NSC 156303
MUTATION DATA AND REFERENCES:
mmo-sat 249 umol/L JMCMAR 22,251,79
mmo-sat 249 umol/L JMCMAR 22,251,79
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:24 mg/kg ANYAA9 284,463,77

PB0506650 METHANESULFONANILIDE, 2'-(9-ACRIDINYLAMINO)-N-METHYL-, HYDROCHLORIDE
UPDT:8312 CAS: 75775-88-1 MW: 413.91 MOLFM: C21-H19-N3-O2-S.Cl-H
SYN: 2'-(9-ACRIDINYLAMINO)-N-METHYLMETHANESULFONANILIDE HYDROCHLORIDE
MUTATION DATA AND REFERENCES:
dnd-mam:lym 37 umol/L JMCMAR 24,170,81
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD10:300 mg/kg JMCMAR 24,170,81

PB0506700 METHANESULFONANILIDE, 4'-(9-ACRIDINYLAMINO)-2'-NITRO-
UPDT:8312 CAS: 72738-98-8 MW: 408.46 MOLFM: C20-H16-N4-O4-S
SYN: 4'-(9-ACRIDINYLAMINO)-2'-NITROMETHANESULFONANILIDE
MUTATION DATA AND REFERENCES:
mmo-sat 28800 nmol/L JMCMAR 23,269,80

PB0506800 METHANESULFONANILIDE, 4'-((2-AMINO-9-ACRIDINYL)AMINO)-
UPDT:8312 CAS: 58658-24-5 MW: 378.48 MOLFM: C20-H18-N4-O2-S
SYN: 4'-(2-AMINO-9-ACRIDINYLAMINO)METHANESULFONANILIDE
MUTATION DATA AND REFERENCES:
mmo-sat 166 umol/L JMCMAR 23,269,80
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:35 mg/kg JMCMAR 23,269,80

PB0506820 METHANESULFONANILIDE, 4'-((3-AMINO-9-ACRIDINYL)AMINO)-
UPDT:8312 CAS: 58658-27-8 MW: 378.48 MOLFM: C20-H18-N4-O2-S
SYN: 4'-((3-AMINO-9-ACRIDINYL)AMINO)METHANESULFONANILIDE
MUTATION DATA AND REFERENCES:
mmo-sat 209 umol/L JMCMAR 23,269,80
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:2500 ug/kg JMCMAR 23,269,80

PB0506840 METHANESULFONANILIDE, 4'-((4-AMINO-9-ACRIDINYL)AMINO)-
UPDT:8312 CAS: 61417-07-0 MW: 378.48 MOLFM: C20-H18-N4-O2-S
SYN: 4'-(4-AMINO-9-ACRIDINYLAMINO)METHANESULFONANILIDE
MUTATION DATA AND REFERENCES:
mmo-sat 79 umol/L JMCMAR 23,269,80
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:125 mg/kg JMCMAR 23,269,80

PB0506900 METHANESULFONANILIDE, 4'-(3-AZIDO-9-ACRIDINYLAMINO)-
UPDT:8402 MW: 404.48 MOLFM: C20-H16-N6-O2-S
SYN: 4'-(3-AZIDO-9-ACRIDINYLAMINO)METHANESULFONANILIDE
MUTATION DATA AND REFERENCES:
mmo-sat 50 uL/well MUREAV 116,289,83

PB0507500 METHANESULFONANILIDE, 3'-BENZOYL-1,1-DIFLUORO-
UPDT:8303 CAS: 22736-85-2 MW: 311.32 MOLFM: C14-H11-F2-N-O3-S
SYN: 3'-BENZOYL-1,1-DIFLUORO-METHANESULFONANILIDE * DIFLUMIDONE * METHANESULFONAMIDE, N-(3-BENZOYLPHENYL)-1,1-DIFLUORO- (9CI) * R 807 * R 807 (PHARMACEUTICAL)
TOXICITY DATA AND REFERENCES:
• orl-rat LD50:750 mg/kg AIPTAK 221,132,76

PB0508500 METHANESULFONANILIDE, 4'-((3-BROMO-9-ACRIDINYL)AMINO)-
UPDT:8312 CAS: 58682-45-4 MW: 442.36 MOLFM: C20-H16-Br-N3-O2-S
SYN: 4'-(3-BROMO-9-ACRIDINYLAMINO)METHANESULFONANILIDE
MUTATION DATA AND REFERENCES:
mmo-sat 25 umol/L JMCMAR 23,269,80
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:33 mg/kg JMCMAR 23,269,80

PB0512076 METHANESULFONANILIDE, 4'-(1-CHLORO-9-ACRIDINYLAMINO)-
UPDT:8312 CAS: 72738-97-7 MW: 397.90 MOLFM: C20-H16-Cl-N3-O2-S
SYN: 4'-(1-CHLORO-9-ACRIDINYLAMINO)METHANESULFONANILIDE
MUTATION DATA AND REFERENCES:
mmo-sat 115 umol/L JMCMAR 23,269,80

PB0512080 METHANESULFONANILIDE, 4'-((2-CHLORO-9-ACRIDINYL)AMINO)-
UPDT:8312 CAS: 11462-73-5 MW: 397.90 MOLFM: C20-H16-Cl-N3-O2-S
SYN: 4'-(2-CHLORO-9-ACRIDINYLAMINO)METHANESULFONANILIDE * METHANESULFONAMIDE, N-(4-((2-CHLORO-9-ACRIDINYL)AMINO)PHENYL)-
MUTATION DATA AND REFERENCES:
mmo-sat 25 umol/L JMCMAR 23,269,80
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:200 mg/kg JMCMAR 23,269,80

PB0512090 METHANESULFONANILIDE, 4'-((3-CHLORO-9-ACRIDINYL)AMINO)-
UPDT:8312 CAS: 61417-08-1 MW: 397.90 MOLFM: C20-H16-Cl-N3-O2-S
SYN: 4'-(3-CHLORO-9-ACRIDINYLAMINO)METHANESULFONANILIDE
MUTATION DATA AND REFERENCES:
mmo-sat 23 umol/L JMCMAR 23,269,80
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:120 mg/kg JMCMAR 23,269,80

PB0512095 METHANESULFONANILIDE, 4'-((3-CYANO-9-ACRIDINYL)AMINO)-
UPDT:8312 CAS: 53251-06-2 MW: 388.47 MOLFM: C21-H16-N4-O2-S

SYN: 4'-(3-CYANO-9-ACRIDINYLAMINO)METHANESULFONANILIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:250 mg/kg JMCMAR 23,269,80

PB0520000 METHANESULFONANILIDE, 4'-((4-ETHOXY-9-ACRIDINYL)AMINO)-3'-METHOXY-
UPDT:8402 MOLFM: C23-H23-N3-O4-S
SYN: 4'-((4-ETHOXY-9-ACRIDINYL)AMINO)-3'-ETHOXYMETHANESULFONANILIDE * METHANESULFON-m-ANISIDIDE, 4'-((4-ETHOXY-9-ACRIDINYL)AMINO)-
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD10:27 mg/kg JMCMAR 24,520,81

PB0520100 METHANESULFONANILIDE, 4'-(4-ETHOXY-9-ACRIDINYLAMINO)-3'-METHOXY-, HYDROCHLORIDE
UPDT:8402 MW: 474.01 MOLFM: C23-H23-N3-O4-S.Cl-H
SYN: 4'-(4-ETHOXY-9-ACRIDINYLAMINO)-3'-METHOXYMETHANESULFONANILIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:27 mg/kg JMCMAR 22,1453,79

PB0530000 METHANESULFONANILIDE, 4'-((3-ETHYL-9-ACRIDINYL)AMINO)-3'-METHOXY-
UPDT:8402 MW: 421.55 MOLFM: C23-H23-N3-O3-S
SYN: 4'-((3-ETHYL-9-ACRIDINYL)AMINO)-3'-METHOXYMETHANESULFONANILIDE * METHANESULFON-m-ANISIDIDE, 4'-((3-ETHYL-9-ACRIDINYL)AMINO)-
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD10:40 mg/kg JMCMAR 24,520,81

PB0620000 METHANESULFONANILIDE, 4'-(3-FLUORO-9-ACRIDINYLAMINO)-
UPDT:8402 MW: 381.45 MOLFM: C20-H16-F-N3-O2-S
SYN: 4'-(3-FLUORO-9-ACRIDINYLAMINO)METHANESULFONANILIDE
MUTATION DATA AND REFERENCES:
mmo-sat 50 uL/well MUREAV 116,289,83

PB0635000 METHANESULFONANILIDE, 4'-((2-FLUORO-9-ACRIDINYL)AMINO)-3'-METHOXY-
UPDT:8402 MW: 411.48 MOLFM: C21-H18-F-N3-O3-S
SYN: 4'-((2-FLUORO-9-ACRIDINYL)AMINO)-3'-METHOXYMETHANESULFONANILIDE * METHANESULFON-m-ANISIDIDE, 4'-((2-FLUORO-9-ACRIDINYL)AMINO)-
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD10:90 mg/kg JMCMAR 24,520,81

PB0635010 METHANESULFONANILIDE, 4'-((3-FLUORO-9-ACRIDINYL)AMINO)-3'-METHOXY-
UPDT:8402 MW: 411.48 MOLFM: C21-H18-F-N3-O3-S
SYN: 4'-((3-FLUORO-9-ACRIDINYL)AMINO)-3'-METHOXYMETHANESULFONANILIDE * METHANESULFON-m-ANISIDIDE, 4'-((3-FLUORO-9-ACRIDINYL)AMINO)-
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD10:26 mg/kg JMCMAR 24,520,81

PB0635020 METHANESULFONANILIDE, 4'-((4-FLUORO-9-ACRIDINYL)AMINO)-3'-METHOXY-
UPDT:8402 MW: 411.48 MOLFM: C21-H18-F-N3-O3-S
SYN: 4'-((4-FLUORO-9-ACRIDINYL)AMINO)-3'-METHOXYMETHANESULFONANILIDE * METHANESULFON-m-ANISIDIDE, 4'-((4-FLUORO-9-ACRIDINYL)AMINO)-
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD10:23 mg/kg JMCMAR 24,520,81

PB0750000 METHANESULFONANILIDE, 4'-(3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPIONYL)-, HYDROCHLORIDE
UPDT:8402 MW: 360.94 MOLFM: C16-H24-N2-O3-S.Cl-H
SYN: 4'-(3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPIONYL)METHANESULFONANILIDE HYDROCHLORIDE * 4'-(3-HEXAMETHYLENIMINOPROPIONYL)METHANESULFONANILIDE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:1802 mg/kg (11D preg) USXXAM 3,968,242
1T25 orl-rbt TDLo:54 mg/kg (15D preg) USXXAM 3,968,242
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB0770000 METHANESULFONANILIDE, 4'-((4-(2-HYDROXYETHOXY)-9-ACRIDINYL)AMINO)-3'-METHOXY-
UPDT:8402 MW: 453.55 MOLFM: C23-H23-N3-O5-S
SYN: 4'-((4-(2-HYDROXYETHOXY)-9-ACRIDINYL)AMINO)-3'-METHOXYMETHANESULFONANILIDE * METHANESULFON-m-ANISIDIDE, 4'-((4-(2-HYDROXYETHOXY)-9-ACRIDINYL)AMINO)-
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD10:12 mg/kg JMCMAR 24,520,81

PB0770200 METHANESULFONANILIDE, 4'-(4-(2-HYDROXYETHOXY)-9-ACRIDINYLAMINO)-3'-METHOXY-, HYDROCHLORIDE
UPDT:8402 MW: 490.01 MOLFM: C23-H23-N3-O5-S.Cl-H
SYN: 4'-(4-(2-HYDROXYETHOXY)-9-ACRIDINYLAMINO)-3'-METHOXYMETHANESULFONANILIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:12 mg/kg JMCMAR 22,1453,79

PB0780000 METHANESULFONANILIDE, 4'-((4-(N-(2-HYDROXYETHYL)CARBAMOYL)-9-ACRIDINYL)AMINO)-3'-METHOXY-
UPDT:8402 MW: 480.56 MOLFM: C24-H24-N4-O5-S
SYN: 4'-((4-(N-(2-HYDROXYETHYL)CARBAMOYL)-9-ACRIDINYL)AMINO)-3'-METHOXYMETHANESULFONANILIDE * METHANESULFON-m-ANISIDIDE, 4'-((4-(N-(2-HYDROXYETHYL)CARBAMOYL)-9-ACRIDINYL)AMINO)-
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD10:40 mg/kg JMCMAR 24,520,81

PB0790000 METHANESULFONANILIDE, 4'-(4-(6-HYDROXYHEXYLCARBAMOYL)-9-ACRIDINYLAMINO)-3'-METHOXY-, METHANESULFONATE, HYDROCHLORIDE, HEMIHYDRATE
UPDT:8402 MW: 560.26 MOLFM: C29-H34-N4-O7-S2.Cl-H.1/2H2-O
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:230 mg/kg JMCMAR 22,1453,79

PB0800000 METHANESULFONANILIDE, 2'-HYDROXY-5'-(1-HYDROXY-2-(ISOPROPYLAMINO)ETHYL)-
UPDT:8402 CAS: 13642-52-9 MW: 288.40 MOLFM: C12-H20-N2-O4-S
SYN: MJ 1992 * SOTERENOL
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1140 mg/kg JPETAB 164,290,68
ipr-mus LD50:335 mg/kg JPETAB 164,290,68
ivn-mus LD50:47 mg/kg JPETAB 164,290,68
ivn-dog LD50:1 mg/kg JPETAB 164,290,68
orl-gpg LD50:41 mg/kg JPETAB 164,290,68
scu-gpg LD50:14 mg/kg JPETAB 164,290,68

PB0822000 METHANESULFONANILIDE, 2'-HYDROXY-5'-(1-HYDROXY-2-(ISOPROPYLAMINO)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8405 CAS: 14816-67-2 MW: 324.86 MOLFM: C12-H20-N2-O4-S.Cl-H
SYN: 2'-HYDROXY-5'-(1-HYDROXY-2-(ISOPROPYLAMINO)ETHYL)-METHANESULFONANILIDE MONOHYDROCHLORIDE * MJ 1992 * SOTERENOL HYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
2V03Q60 orl-rat TDLo:2512 mg/kg/78W-C TXAPA9 22,279,72
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:660 mg/kg MEIEDD 10,1248,83
* ipr-mus LD50:215 mg/kg MEIEDD 10,1248,83
* ivn-mus LD50:41 mg/kg MEIEDD 10,1248,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB0822100 METHANESULFONANILIDE, 2'-HYDROXY-5'-(1-HYDROXY-2-(p-METHOXYPHENETHYLAMINO)PROPYL)-, MONOHYDROCHLORIDE
UPDT:8402 CAS: 7660-71-1 MW: 430.99 MOLFM: C19-H26-N2-O5-S.Cl-H
SYN: 2'-HYDROXY-5'-(1-HYDROXY-2-(p-METHOXYPHENETHYLAMINO)PROPYL)METHANESULFONANILIDE HCl * MESUPRINE * MESUPRINE HYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
2V03Q60 orl-rat TDLo:22 gm/kg/78W-C TXAPA9 22,279,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB0825000 METHANESULFONANILIDE, 2'-HYDROXY-5'-(1-HYDROXY-2-(1-METHYLCYCLOPROPYLAMINO)ETHYL)-, HYDROCHLORIDE
UPDT:8402 MW: 336.87 MOLFM: C13-H20-N2-O4-S.Cl-H
SYN: 2'-HYDROXY-5'-(1-HYDROXY-2-(1-METHYLCYCLOPROPYLAMINO)ETHYL)METHANESULFONANILIDE HCl
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:62 mg/kg JMCMAR 19,626,76

PB0826000 METHANESULFONANILIDE, 4'-(1-HYDROXY-2-(ISOPROPYLAMINO)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8403 CAS: 959-24-0 MW: 308.86 MOLFM: C12-H20-N2-O3-S.Cl-H
SYN: beta-CARDONE * 4'-(1-HYDROXY-2-(ISOPROPYLAMINO)ETHYL)METHANESULFONANILIDE HYDROCHLORIDE * 4'-(1-HYDROXY-2-ISOPROPYLAMINO)ETHYL)METHANESULFONANILIDE MONOHYDROCHLORIDE * 4-(2-ISOPROPYLAMINE-1-HYDROXYETHYL)METHANESULFOANILIDE HYDROCHLORIDE * 4-(2-ISOPROPYLAMINO-1-HYDROXYAETHYL)METHANESULFONAILID HYDROCHLORID (German) * ISOPROPYLAMINOHYDROXYETHYLMETHANESULFONANILIDE HYDROCHLORIDE * N-ISOPROPYL-beta-(4-METHANESULFONAMIDOPHENYL)ETHANOLAMINE HYDROCHLORIDE * MEAD JOHNSON 1999 * MJ 1999 * MJ 1999 HYDROCHLORIDE * SOTACOR * SOTALEX * SOTALOL * SOTALOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J22 orl-man LDLo:45714 ug/kg ARTODN 43,221,80
orl-rat LD50:3450 mg/kg JPETAB 149,161,65
ipr-rat LD50:680 mg/kg JPETAB 149,161,65
orl-mus LD50:2600 mg/kg JPETAB 149,161,65
ipr-mus LD50:670 mg/kg JPETAB 149,161,65
* ivn-mus LD50:166 mg/kg ARZNAD 27,1022,77
ipr-dog LD50:330 mg/kg JPETAB 149,161,65
orl-rbt LD50:1000 mg/kg JPETAB 149,161,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METHANESULFONANILIDE, 3'-(1-HYDROXY-2-(METHYLAMINO)ETHYL)-, METHANESULFONATE see PB0870200

PB0870200 METHANESULFONANILIDE, 3'-(1-HYDROXY-2-(METHYLAMINO)ETHYL)-, MONOMETHANESULFONATE (salt)
UPDT:8403 CAS: 1421-68-7 MW: 340.45 MOLFM: C10-H16-N2-O3-S.C-H4-O3-S
SYN: AMIDEFRINE MESYLATE * AMIDEPHRINE MESYLATE * AMIDEPHRINE MONOMETHANESULFONATE * DRICOL * FENTRINOL * 3'-(1-HYDROXY-2-(METHYLAMINO)ETHYL)METHANESULFONANILIDE METHANESULFONATE * 3'-(1-HYDROXY-2-(METHYLAMINO)ETHYL)METHANESULFONANILIDE MONOMETHANESULFONATE SALT * METHANESULFONAMIDE, N-(3-(1-HYDROXY-2-(METHYLAMINO)ETHYL)PHENYL)-, MONOMETHANESULFONATE SALT * METHANESULFONANILIDE, 3'-(1-HYDROXY-2-(METHYLAMINO)ETHYL)-, METHANESULFONATE * (2-METHYLAMINE-1-HYDROXYETHYL)METHANESULFONANILIDE METHANESULFONATE * 3-(2-METHYLAMINO-1-HYDROXYETHYL)METHANESULFONANILIDE METHANESULFONATE * MJ 5190 * NALDE * PRODUCT 5190
IRRITATION DATA AND REFERENCES:
eye-rbt 10 mg MLD TXAPA9 23,589,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:13 mg/kg TXAPA9 23,589,72
ipr-rat LD50:5 mg/kg TXAPA9 23,589,72
orl-mus LD50:2284 mg/kg TXAPA9 23,589,72
ipr-mus LD50:780 mg/kg TXAPA9 23,589,72
scu-mus LD50:1990 mg/kg IJNEAQ 4,219,65
ivn-mus LD50:190 mg/kg IJNEAQ 4,219,65
ipr-dog LD50:4800 ug/kg IJNEAQ 4,219,65
ivn-dog LD50:1400 ug/kg TXAPA9 23,589,72
orl-cat LDLo:2 mg/kg TXAPA9 23,589,72
orl-rbt LD50:12 mg/kg TXAPA9 23,589,72
idr-rbt LD50:7500 ug/kg TXAPA9 23,589,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB0870700 METHANESULFONANILIDE, 4'-(1-HYDROXY-2-(METHYLAMINO)PROPYL)-, HYDROCHLORIDE
UPDT:8402 CAS: 935-48-6 MW: 294.83 MOLFM: C11-H18-N2-O3-S.Cl-H
SYN: MJ 1998
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:850 mg/kg JPETAB 149,161,65
ipr-mus LD50:785 mg/kg JPETAB 149,161,65
ipr-dog LD50:485 mg/kg JPETAB 149,161,65
orl-rbt LD50:1250 mg/kg JPETAB 149,161,65

PB0905990 METHANESULFONANILIDE, 4'-((4-(N-(2-HYDROXYPROPYL)CARBAMOYL)-9-ACRIDINYL)AMINO)-3'-METHOXY-
UPDT:8402 MW: 494.61 MOLFM: C25-H26-N4-O5-S
SYN: 4'-((4-(N-(2-HYDROXYPROPYL)CARBAMOYL)-9-ACRIDINYL)AMINO)-3'-METHOXYMETHANESULFONANILIDE * METHANESULFON-m-ANISIDIDE, 4'-((4-(N-(2-HYDROXYPROPYL)CARBAMOYL)-9-ACRIDINYL)AMINO)-
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD10:60 mg/kg JMCMAR 24,520,81

PB0911000 METHANESULFONANILIDE, 4'-((1-METHOXY-9-ACRIDINYL)AMINO)
UPDT:8312 CAS: 61417-04-7 MW: 393.49 MOLFM: C21-H19-N3-O3-S
SYN: 4'-(1-METHOXY-9-ACRIDINYLAMINO)METHANESULFONANILIDE
MUTATION DATA AND REFERENCES:
mmo-sat 23 umol/L JMCMAR 23,269,80
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:200 mg/kg JMCMAR 23,269,80

PB0911500 METHANESULFONANILIDE, 4'-(2-METHOXY-9-ACRIDINYLAMINO)-
UPDT:8312 CAS: 53222-12-1 MW: 393.49 MOLFM: C21-H19-N3-O3-S
SYN: 4'-(2-METHOXY-9-ACRIDINYLAMINO)METHANESULFONANILIDE
MUTATION DATA AND REFERENCES:
mmo-sat 2900 nmol/L JMCMAR 23,269,80

PB0912000 METHANESULFONANILIDE, 4'-((3-METHOXY-9-ACRIDINYL)AMINO)
UPDT:8312 CAS: 59748-95-7 MW: 393.49 MOLFM: C21-H19-N3-O3-S
SYN: METHANESULFONAMIDE, N-(4-((3-METHOXY-9-ACRIDINYL)AMINO)PHENYL)- * 4'-(3-METHOXY-9-ACRIDINYLAMINO)METHANESULFONANILIDE
MUTATION DATA AND REFERENCES:
mmo-sat 35 umol/L JMCMAR 23,269,80
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:40 mg/kg JMCMAR 23,269,80

PB0913000 METHANESULFONANILIDE, 4'-((4-METHOXY-9-ACRIDINYL)AMINO)-
UPDT:8312 CAS: 61417-05-8 MW: 393.49 MOLFM: C21-H19-N3-O3-S
SYN: 4'-(4-METHOXY-9-ACRIDINYLAMINO)METHANESULFONANILIDE
MUTATION DATA AND REFERENCES:
mmo-sat 43 umol/L JMCMAR 23,269,80
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:120 mg/kg JMCMAR 23,269,80

PB0930000 METHANESULFONANILIDE, 4'-(2-METHYL-9-ACRIDINYLAMINO)-
UPDT:8312 CAS: 53222-10-9 MW: 377.49 MOLFM: C21-H19-N3-O2-S

SYN: 4-(2-METHYL-9-ACRIDINYLAMINO)METHANESULFONANILIDE

MUTATION DATA AND REFERENCES:
mmo-sat 49 umol/L — JMCMAR 23,269,80

TOXICITY DATA AND REFERENCES:
ipr-mus LD10:130 mg/kg — JMCMAR 23,269,80

PB0956000 METHANESULFONANILIDE, 4'-METHYL-N-NITROSO-
UPDT:8303 MW: 214.26 MOLFM: C8-H10-N2-O3-S
SYN: 4'-METHYL-N-NITROSOMETHANESULFONANILIDE * N-NITROSO-TOLUOL-4-SULFOMETHYLAMIDE

MUTATION DATA AND REFERENCES:
mmo-asn 100 ug/plate — MUREAV 97,293,82

PB0965000 METHANESULFONANILIDE, 4'-(3-NITRO-9-ACRIDINYLAMINO)-
UPDT:8312 CAS: 59748-51-5 MW: 408.46 MOLFM: C20-H16-N4-O4-S
SYN: METHANESULFONAMIDE, N-(4-((3-NITRO-9-ACRIDINYL)AMINO)PHENYL)- * 4'-(3-NITRO-9-ACRIDINYLAMINO)METHANESULFONANILIDE

MUTATION DATA AND REFERENCES:
mmo-sat 4074 umol/L — JMCMAR 23,269,80

TOXICITY DATA AND REFERENCES:
ipr-mus LD10:12500 ug/kg — JMCMAR 23,269,80

PB0970000 METHANESULFONANILIDE, 4'-NITRO-2'-PHENOXY-
UPDT:8302 CAS: 51803-78-2 MW: 308.33 MOLFM: C13-H12-N2-O5-S
SYN: METHANESULFONAMIDE, N-(4-NITRO-2-PHENOXYPHENYL)- (9CI) * 4-NITRO-2-PHENOXYMETHANESULFONANILIDE * R-805

TOXICITY DATA AND REFERENCES:
orl-rat LD50:200 mg/kg — DRFUD4 1,145,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB1080000 METHANESULFON-m-ANISIDIDE, 4'-(9-ACRIDINYLAMINO)-
UPDT:8405 CAS: 51264-14-3 MW: 393.49 MOLFM: C21-H19-N3-O3-S
SYN: 4'-(9-ACRIDINYLAMINO)METHANESULFON-m-ANISIDIDE * 4'-(9-ACRIDINYLAMINO)METHANESULPHON-m-ANISIDIDE * 4-(9-ACRIDINYLAMINO)-METHYLSULFONYL-m-ANISIDINE * AMSA * m-AMSA * NSC 249992

MUTATION DATA AND REFERENCES:
mmo-sat 2 gm/L — CBINA8 44,53,83
dni-hmn:lym 1 mg/L/3H — CNREA8 42,107,82
dni-hmn:oth 1 mg/L/3H — CNREA8 42,107,82
dnd-mus:leu 50 nmol/L — BICHAW 20,6553,81
dnd-mus:oth 4 umol/L — EJCODS 18,553,82
sce-ham:lng 100 nmol/L — BJCAAI 44,798,81
dnd-mam:lym 54 umol/L — CNREA8 38,1300,78

TOXICITY DATA AND REFERENCES:
3H17K13P30 ivn-hmn TDLo:12 mg/kg — CNREA8 38,3712,78
2N30P26 orl-mus LD50:243 mg/kg — CTRRDO 66,1939,82
3F07F12J22 ivn-mus LD50:33700 ug/kg — CTRRDO 64,855,80
3F15K12K13 orl-dog LD50:50 mg/kg — CTRRDO 66,1939,82
3F12J22U01 ivn-dog LD50:6250 ug/kg — CTRRDO 64,855,80

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METHANESULFON-o-ANISIDIDE, 4'-(9-ACRIDINYLAMINO)- see: PB0505000

PB1081000 METHANESULFON-m-ANISIDIDE, 4'-(9-ACRIDINYLAMINO)-, MONOHYDROCHLORIDE
UPDT:8307 CAS: 54301-15-4 MW: 429.95 MOLFM: C21-H19-N3-O3-S . Cl-H
SYN: 4'-(9-ACRIDINYLAMINO)METHANESULFON-m-ANISIDE MONOHYDROCHLORIDE * METHANESULFONYL-m-ANISIDINE, 4-(9-ACRIDINYLAMINO)-, MONOHYDROCHLORIDE * NCI C03190 * NSC 141549

MUTATION DATA AND REFERENCES:
dnd-mus:leu 2500 ug/L — CNREA8 38,1329,78
dns-mus-ipr 5 mg/kg — CNREA8 38,1329,78
oms-ham:ovr 2 mg/L — JNCIAM 60,1147,78
cyt-ham:ovr 2 mg/L — JNCIAM 60,1147,78
sce-ham:ovr 50 ug/L — JNCIAM 60,1155,78

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:60 mg/kg — ANYAA9 284,463,77

METHANESULFON-m-ANISIDIDE, 4'-((4-ETHOXY-9-ACRIDINYL)AMINO)- see: PB0520000
METHANESULFON-m-ANISIDIDE, 4'-((3-ETHYL-9-ACRIDINYL)AMINO)- see: PB0530000
METHANESULFON-m-ANISIDIDE, 4'-((2-FLUORO-9-ACRIDINYL)AMINO)- see: PB0635000
METHANESULFON-m-ANISIDIDE, 4'-((3-FLUORO-9-ACRIDINYL)AMINO)- see: PB0635010
METHANESULFON-m-ANISIDIDE, 4'-((4-FLUORO-9-ACRIDINYL)AMINO)- see: PB0635020
METHANESULFON-m-ANISIDIDE, 4'-((4-(2-HYDROXYETHOXY)-9-ACRIDINYL)AMINO)- see: PB0770000
METHANESULFON-m-ANISIDIDE, 4'-((N-(2-HYDROXYETHYL)CARBAMOYL)-9-ACRIDINYL)AMINO)- see: PB0780000
METHANESULFON-m-ANISIDIDE, 4'-((4-(N-(2-HYDROXYPROPYL)CARBAMOYL)-9-ACRIDINYL)AMINO)- see: PB0905990

PB1140000 METHANESULFONIC ACID
UPDT:8402 CAS: 75-75-2 MW: 96.11 MOLFM: C-H4-O3-S

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:200 mg/kg — KODAK* 21MAY71
ipr-rat LDLo:50 mg/kg — KODAK* 21MAY71
* orl-qal LD50:1000 mg/kg — JRPFA4 48,371,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

PB1200000 METHANESULFONIC ACID, ACETYL-
UPDT:8402 MW: 138.15 MOLFM: C3-H6-O4-S
SYN: ACETYL-METHANESULFONIC ACID

TOXICITY DATA AND REFERENCES:
* orl-qal LD50:1000 mg/kg — JRPFA4 48,371,76

PB1225000 METHANESULFONIC ACID, ALLYL ESTER
UPDT:8406 CAS: 6728-21-8 MW: 136.18 MOLFM: C4-H8-O3-S
SYN: ALLYL METHANESULFONATE

MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate — BCPCA6 29,993,80
dns-hmn:hla 50 umol/L — CALEDQ 20,263,83

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:540 mg/kg/10W-I — CNREA8 17,64,57

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB1300000 METHANESULFONIC ACID, (ANTIPYRINYLMETHYLAMINO)-, MONOSODIUM SALT
UPDT:8412 CAS: 68-89-3 MW: 334.38 MOLFM: C13-H17-N3-O4-S . Na
SYN: ALGINODIA * ALGOCALMIN * AMINOPYRINE SODIUM SULFONATE * ANALGIN * (ANTIPYRINYLMETHYLAMINO)METHANESULFONIC ACID SODIUM SALT * BARONE * BONPYRIN * CONMEL * DIMETHONE * DI-PODIL * DIPROFARN * DIPRONE * DIPYRONE * DIPRON * DYATRON * FARMOLISINA * FENILDIMETIL-PIRAZOLON-METILAMINOMETANSOLFONATO SODICO (Italian) * FEVERALL * FEVONIL * HYPRONE * KEYPYRONE * METAMIZIL * METAMIZOL * METAMIZOLE * METAMIZOLO (Italian) * METAMIZOLUM * METAPYRIN * METHAMPYRONE * METHANESULFONIC ACID, (ANTIPYRINYLMETHYLAMINO)-, SODIUM SALT * METHYLAMINOANTIPYRINE SODIUM METHANESULFONATE * 4-METHYLAMINO-1,5-DIMETHYL-2-PHENYL-3-PYRAZOLONE SODIUM METHANESULFONATE * METHYLAMINOPHENYLDIMETHYLPYRAZOLONE METHANESULFONATE SODIUM * METHYLMELUBRIN * METHYLMELUBRINE * NARONE * NARTATE * NARTRATE * NEOMELUBRIN * NEVRALGINA * NORAMIDOPYRINE METHANESULFONATE SODIUM * NORAMINOPYRINE METHANESULFONATE SODIUM * NOVACID * NOVALDIN * NOVALGIN * NOVAMINSULFON * NOVAMINSULFONE * NOVEMINA * NOVIL * OPTALGIN * PARALGIN * 1-PHENYL-2,3-DIMETHYL-5-PYRAZOLONE-4-METHYLAMINOMETHANESULFONATE SODIUM * 1-PHENYL-2,3-DIMETHYLPYRAZOLONE-(5)-4-METHYLAMINOMETHANESULFONIC ACID SODIUM * PHENYL DIMETHYL PYRAZOLON METHYL AMINOMETHANE SODIUM SULFONATE * PYDIRONE * PYRALGIN * PYRIL * PYROJEC * 4-SODIUM METHANESULFONATE METHYLAMINE-ANTIPYRINE * SODIUM METHYLAMINOANTIPYRINE METHANESULFONATE * SODIUM 4-METHYLAMINO-1,5-DIMETHYL-2-PHENYL-3-PYRAZOLONE-4-METHANESULFONATE * SODIUM NORAMIDOPYRINE METHANESULFONATE * SODIUM 1-PHENYL-2,3-DIMETHYL-4-METHYLAMINOPYRAZOLON-N-METHANESULFONATE * SODIUM 1-PHENYL-2,3-DIMETHYL-5-PYRAZOLONE-4-METHYLAMINO METHANESULFONATE * SODIUM PHENYLDIMETHYLPYRAZOLON-METHYLAMINO-METHANE SULFONATE * SULPYRIN * SULPYRINE * TEMP * UNAGEN

MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/plate — AMONDS 3,253,80
cyt-hmn:lym 250 mg/L — SOGEBZ 11,528,75
cyt-mus-orl 390 ug/kg — CARYAB 36,251,83
cyt-ham:lng 980 mg/L — GMCRDC 27,95,81
cyt-ham:fbr 750 mg/L — ESKHA5 96,55,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 ipr-rat TDLo:20010 mg/kg (70D male) — OYYAA2 9,615,75
1T02 ims-rat TDLo:60 gm/kg (30D male) — OYYAA2 9,615,75
1T12 ims-rat TDLo:8340 mg/kg (30D pre) — OYYAA2 9,615,75
1T41 ipr-mus TDLo:750 mg/kg (9D preg) — JMTHBU 53,550,70
1T25 ipr-mus TDLo:1 gm/kg (9D preg) — JMTHBU 53,550,70

TUMORIGENIC DATA AND REFERENCES:
3V02J60L60 orl-mus TDLo:536 mg/kg/78W-C — JJIND8 71,1295,83
3V02J60L60 orl-mus TD:792 mg/kg/78W-C — JJIND8 71,1295,83

TOXICITY DATA AND REFERENCES:
1F29 orl-rat LD50:5500 mg/kg — DBANAD 31,143,78
3F17F23J26 orl-mus LD50:3120 mg/kg — GTPZAB 23(12),47,79
* ipr-mus LD50:250 mg/kg — AIPTAK 107,322,56
scu-mus LD50:69 mg/kg — RPTOAN 31,53,68
1F29 unk-mus LD50:2750 mg/kg — JDGRAX 4,89,72
3F17F23J26 orl-rbt LD50:2150 mg/kg — GTPZAB 23(12),47,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METHANESULFONIC ACID, (ANTIPYRINYLMETHYLAMINO)-, SODIUM SALT see: PB1300000

PB1400000 METHANESULFONIC ACID, (ARSENOBIS((6-HYDROXY-m-PHENYLENE)IMINO))DI-, DISODIUM SALT
UPDT:8209 CAS: 618-82-6 MW: 598.24 MOLFM: C14-H14-As2-N2-O8-S2 . 2Na
SYN: ((1,2-DIARSENEDIYLBIS((6-HYDROXY-3,1-PHENYLENE)IMINO))BISMETHANESULFONIC ACID DISODIUM SALT * DISODIUM 3,3'-DIAMINO-4,4'-DIHYDROXYARSENOBENZENE-N,N'-DIMETHYLENEBISULFITE * DISODIUM 3,3'-DIAMINO-4,4'-DIHYDROXYARSENOBENZENE-N-DIMETHYLENESULFONATE * KARSULPHAN * METARSENOBILLON * MYARSENOL * MYOSALVARSAN * SULFARSENOBENZENE * SULFARSENOL * SULFARSPHENAMINE * THIOARSMINE

TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:480 mg/kg — BSESA3 9,1158,76
ivn-rbt LDLo:320 mg/kg — PHRPA6 37,2783,22

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 — FEREAC 39,23540,74

PB1425000 METHANESULFONIC ACID, BUTYL ESTER
UPDT:8411 CAS: 1912-32-9 MW: 152.23 MOLFM: C5-H12-O3-S
SYN: BUTYL MESYLATE * BUTYL METHANESULFONATE * n-BUTYLMETHANESULFONATE

MUTATION DATA AND REFERENCES:
mmo-sat 20 mmol/L — CNREA8 38,1595,78
sln-dmg-par 10 mmol/L — JOGNAU 54,146,56
msc-hmn:lym 1 mmol/L/24H — MUREAV 54,193,78
dnd-mam:lym 10 mmol/L — CRNGDP 5,621,84

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

METHANESULFONIC ACID, CHLOROETHYL ESTER see: KK1960000
METHANESULFONIC ACID, compd. with 2-(DIETHYLAMINO)-4-METHYLPENTYL P-AMINOBENZOATE (1:1) see: SA6475000

PB1950000 METHANESULFONIC ACID, 2,3-DIHYDRO-3,3-DIMETHYL-2-ETHOXY-5-BENZOFURANYL ESTER
UPDT:8309 CAS: 67293-74-7 MW: 288.39 MOLFM: C13-H20-O5-S
SYN: 5-BENZOFURANOL, 2,3-DIHYDRO-3,3-DIMETHYL-2-ETHOXY-, METHANESULFONATE (ester) * ETHOFUMESATE * 2-ETHOXY-2,3-DIHYDRO-3,3-DIMETHYL-5-BENZOFURANYLMETHANESULPHONATE * NC8438 * NORTRANESE * NORTRON * TRAMAT

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5650 mg/kg — FMCHA2 -,C170,83

PB1960000 METHANESULFONIC ACID, DIIODO-, SODIUM SALT
UPDT:8408 CAS: 124-88-9 MW: 369.87 MOLFM: C-H-I2-O3-S . Na
SYN: DIIODOMETHANESULFONIC ACID SODIUM SALT * DIMETHIODAL SODIUM * INTRAMIN * INTRON * NYCO * SODIUM DIIODOMETHANESULFONATE * SODIUM DIMETHIODAL * TENEBRYL * UROTRAST

TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:3330 mg/kg — MEIEDD 10,468,83

PB2090000 METHANESULFONIC ACID, ETHYLENE ESTER
UPDT:8310 MW: 218.26 MOLFM: C4-H10-O6-S2
SYN: 1,2-ETHANEDIOL, BISMETHANESULFONATE * 1,2-ETHANEDIYL METHANESULFONATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:153 mg/kg (14D male) — JMCMAR 24,901,81
1T23 orl-rat TDLo:275 mg/kg (14D male) — JMCMAR 24,901,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB2100000 METHANESULFONIC ACID, ETHYL ESTER
UPDT:8412 CAS: 62-50-0 MW: 124.17 MOLFM: C3-H8-O3-S
SYN: EMS * ENT 26396 * ETHYL ESTER of METHANESULFONIC ACID * ETHYL ESTER of METHANESULPHONIC ACID * ETHYL ESTER of METHYLSULFONIC ACID * ETHYL ESTER of METHYLSULPHONIC ACID * ETHYL METHANESULFONATE * ETHYL METHANESULPHONATE * ETHYL METHANSULFONATE * ETHYL METHANSULPHONATE * HALF-MYLERAN * METHANESULPHONIC ACID ETHYL ESTER * METHYLSULFONIC ACID, ETHYL ESTER * NSC 26805 * RCRA WASTE NUMBER U119

MUTATION DATA AND REFERENCES:
mmo-sat 270 umol/L — ENMUDM 6,311,84
mma-sat 10000 ug/plate — PNASA6 72,5135,75
dnr-sat 12 ug/disc — MUREAV 39,285,77
pic-sat 10 umol/plate — PPTCBY -,337,79
mmo-esc 300 mmol/L/20M — MUREAV 43,11,77
mmo-esc 1 ug/L — RCOCB8 16,523,77
dnr-esc 130 nmol/plate — CNREA8 33,458,73
dnd-esc 20 umol/L — MUREAV 52,161,78
pic-esc 400 mmol/L — PRLBA4 150,497,59

mmo-bcs 450 mmol/L	MUREAV 13,93,71
mmo-omi 10 pph	BICMBE 56,1471,74
dnr-bcs 6 mg/L	MUREAV 16,165,72
dnd-bcs 290 mmol/L	MUREAV 9,141,70
mmo-srm 25 mg/L	ATXKAB 30,67,72
mmo-hmi 160 mmol/L	MUREAV 30,9,75
mmo-omi 150 ul	JGMIAN 128,427,82
mmo-omi 1 gm/L/4H-C	JGMIAN 121,349,80
mmo-omi 150 ul	JOBAAY 112,356,72
mmo-omi 50 mmol/L/18H	MUREAV 7,19,69
mmo-omi 15 mmol/L/48H	MUREAV 19,313,73
mmo-omi 3000 ppm/1H	JOPAA2 69,239,83
dnd-hmi 100 mmol/L	MUREAV 125,15,84
pic-hmi 100 mmol/L	MUREAV 125,15,84
mmo-omi 1 mmol/L	CUGEDS 5,119,82
mmo-omi 20 mmol/L	JOVIAM 37,936,81
mmo-omi 150 ul	AMICCW 103,141,75
mmo-omi 50 mmol/L/18H	MUREAV 4,409,67
mmo-omi 400 mmol/L	MGGEAE 141,23,75
mmo-omi 258 mmol/L	BIJOAK 145,85,75
mmo-omi 50 mmol/L	FOMIAZ 14,194,69
mmo-omi 1 pph/60M-C	FOMIAZ 16,197,71
mmo-omi 190 mmol/L/4H-C	MUREAV 33,135,75
mmo-omi 50 mmol/L	GENRA8 29,65,77
mmo-omi 150 mmol/L	FOMIAZ 15,34,70
mmo-omi 10 mmol/L	PNASA6 70,1335,73
mmo-omi 200 mmol/L	AMBBBR 6,15,74
mmo-omi 200 mmol/L	AMBBBR 6,15,74
dnr-omi 620 ug/plate	BIZNAT 95,463,76
mmo-omi 1 ml/plate	JMMIAV 8,265,75
mmo-omi 1 pph	MGGEAE 133,345,74
mmo-omi 4 pph	JMOBAK 9,352,64
mmo-omi 4 pph	JMOBAK 9,352,64
mmo-omi 19 gm/L	JOBAAY 101,921,70
dnd-omi 20 mmol	BBACAQ 174,674,69
dnd-omi 258 mmol/L	BIJOAK 145,85,75
dnd-omi 250 mmol/L	VIRLAY 35,601,68
dns-omi 1 mg/L	CRNGDP 2,417,81
dni-omi 5 mmol/L	MGGEAE 150,301,77
dnd-omi 32 umol/L	CBINA8 39,339,82
pic-omi 400 mmol/L	NNBYA7 234,186,71
mmo-omi 1 gm/L	JANTAJ 31,662,78
mmo-omi 20 mg/L	JOBAAY 135,911,78
mmo-omi 200 mmol/L	MGGEAE 179,191,80
mmo-omi 25 gm/L	JGMIAN 128,1401,82
mmo-omi 100 mmol/L	JGMIAN 128,1529,82
mrc-omi 2000 ppm/2H	MUREAV 51,181,78
pic-omi 400 mmol/L	MUREAV 36,265,76
slt-dmg-orl 1 pph	MUREAV 9,323,70
slt-dmg-unk 5000 ppm/6H	MUREAV 120,233,83
mmo-omi 100 mmol/L	MCBIA7 35,39,82
dns-dmg-orl 25 mmol/L	GENTAE 104,279,83
cyt-dmg-orl 25 mmol/L	MUREAV 10,597,70
sln-dmg-mul 25 mmol/L	MUREAV 110,49,83
sln-dmg-orl 25 mmol/L	MUREAV 53,217,78
sln-dmg-par 5 mmol/L	MUREAV 4,90,67
sln-dmg-unk 20 mmol/L	NNBYA7 241,15,73
trn-dmg-orl 2000 ppm	MUREAV 8,147,69
dlt-dmg-orl 550 umol/L	ENMUDM 6,261,84
mmo-nsc 1 pph/330M	GENTAE 63,281,69
mmo-smc 11500 umol/L/2H	MUREAV 58,99,78
mmo-smc 8 gm/L/1H	MUREAV 48,173,77
dnr-smc 2500 nmol/L	CNJGA8 24,771,82
mrc-smc 11500 umol/L/2H	MUREAV 54,23,78
sln-smc 2 pph/10M	EVHPAZ 31,97,79
mmo-asn 100 mmol/L/30M	NATUAS 210,593,66
mmo-ssp 25 mmol/L	MUREAV 25,197,74
mmo-ssp 25 mmol/L/60M	MUREAV 25,197,74
mmo-clr 270 mmol/L	MUREAV 14,381,72
dnr-ssp 2500 nmol/L	CNJGA8 24,771,82
dlt-slw-par 500 ppm	MUREAV 56,299,78
slt-slw-par 100 umol/kg	NISZAQ 46,205,77
slt-ain-skn 25 mmol/L	SCIEAS 187,760,75
dlt-slw-par 500 ppm	MUREAV 56,299,78
spm-slw-oth 500 ppm	IDZAAW 50,179,75
msc-slw-spr 100 ppm	MUREAV 7,425,69
sce-ofs:emb 10 umol/L	MUREAV 68,381,79
mnt-ofs:lym 8 mg/L	MUREAV 104,147,82
slt-ain-oth 100 umol/L	SCGTDW 4,179,78
slt-nml-skn 600 ppm/20H-C	NEMAAT 19,117,73
slt-nml-unk 50 mmol/L	CNJGA8 22,295,80
slt-nml-skn 10 mmol/L	MUREAV 110,39,83
dnd-sal:spr 200 mmol/L	EJBCAI 31,103,72
dnd-sal:spr 39 umol/6H-C	BIJOAK 145,73,75
dnd-ofs:tes 170 mmol/L	ABBIA4 97,80,62
dni-ain-skn 1 ug	CCUPAD 28,352,76
sce-ofs-skn 24 mg/L	MUREAV 97,35,82
sce-ofs-skn 24 mg/L	MUREAV 97,35,82
cyt-ofs-skn 8 mg/L	MUREAV 91,347,81
cyt-ain-skn 1 ug	CCUPAD 28,352,76
cyt-ofs-skn 8 mg/L	EESADV 5,261,81
sln-ain-unk 2000 ppm	MGGEAE 128,117,74
sln-ain-orl 5 mmol/L	GENRA8 23,63,74
dlt-ain-orl 5000 ppm	AESAAI 62,790,69
dlt-ain-skn 5000 ppm	AESAAI 62,790,69
spm-ain-skn 1 ug	CCUPAD 28,152,76
dlt-ain-spr mmol/L	AESAAI 67,756,74
dlt-ain-par 20 ug	MUREAV 7,63,69
dnr-hmn:fbr 20 umol/L	33AQAA -,113,76
otr-hmn:oth 10 mg/L	ITCSAF 17,719,81
dnd-hmn:hla 5 umol/L	MUREAV 89,95,81
dnd-hmn:fbr 50 mmol/L	CRNGDP 3,7,82
dns-hmn:fbr 1 mmol/L/3H	IJCNAW 16,284,75
dns-hmn:hla 1 mmol/L	CNREA8 38,2621,78
dns-hmn:lng 400 mg/L	ENMUDM 5,177,83
dns-hmn:oth 500 mg/L	MUREAV 140,43,84
dni-hmn:hla 10 mmol/L/30M-C	JEPTDQ 2(1),65,78
cyt-hmn:fbr 1 umol/L	EVSRBT 24,433,81
cyt-hmn:leu 250 mg/L	EVSRBT 24,433,81

sce-hmn:lym 100 umol/L/15H	MUREAV 46,375,77
sce-hmn:fbr 1 umol/L	JTEHD6 2,1387,77
sce-hmn:lng 60 mg/L	MUREAV 117,317,83
msc-hmn:lym 600 umol/L	CNREA8 38,1595,78
msc-hmn:fbr 500 mg/L	MUREAV 22,281,74
msc-hmn:oth 150 mg/L	SCGTDW 4,531,78
mnt-rat-ipr 100 mg/kg	MUREAV 58,79,78
dnd-rat-ipr 33800 ug/kg	MUREAV 130,283,84
dnd-rat-par 110 mg/kg	CALEDQ 11,199,80
dnd-rat-orl 500 mg/kg/2D-I	PAACA3 14,28,73
dnd-rat:lvr 30 umol/L	SinJF# 26OCT82
dns-rat-orl 20 mg/kg	ENMUDM 4,553,82
dns-rat:lvr 200 mg/L	CBINA8 29,303,80
dns-rat:oth 32 mmol/L	SHKKAN 22,300,80
dns-rat:oth 1 mmol/L	ENMUDM 5,481,83
dns-rat-ipr 50 mg/kg	JCLBA3 92(2, Pt 2),171a,82
dns-rat:spr 1 mmol/L	BANRDU 13,101,82
cyt-rat-orl 300 mg/kg	IYKEDH 11,566,80
sce-rat-ipr 200 mg/kg	MUREAV 107,131,83
msc-rat:oth 10 mg/L	MUREAV 34,481,76
msc-rat:oth 300 mg/L	PNASA6 79,2967,82
msc-rat:lvr 600 mg/L	MUREAV 107,433,83
trn-rat-ipr 75 mg/kg	ENMUDM 5,161,83
mnt-mus-par 200 mg/kg	MUREAV 53,164,78
mnt-mus-ivn 800 mg/kg/24H	MUREAV 23,239,74
mnt-mus-ipr 200 mg/kg	PSDTAP 15,275,74
mnt-mus-orl 200 mg/kg	MUREAV 43,441,77
mma-mus:bmr 300 mg/L	MUREAV 81,215,81
mma-mus:lym 10 mg/L/4H	MUREAV 59,61,79
slt-mus-ipr 50 mg/kg	MGGEAE 138,309,75
slt-mus-unk 100 mg/kg	GENTAE 92,5153,79
slt-mus:lym 10 mmol/L	MUREAV 21,7,73
slt-mus-par 100 mg/kg	EVHPAZ 24,113,78
otr-mus:fbr 50 mg/L	CRNGDP 5,459,84
dnd-mus-ipr 246 mg/kg	MUREAV 50,419,78
dnd-mus-unk 240 mg/kg	PACHAS 42,209,75
dnd-mus:ast 5 umol/L	MUREAV 89,95,81
dns-mus-ipr 100 mg/kg	IDZAAW 54,405,79
dns-mus:tes 1 mmol/L/3H	ARTODN 37,195,77
cyt-mus/ast 250 mg/kg	GENTAE 64,512,70
dni-mus-ipr 300 mg/kg	MUREAV 46,305,77
dni-mus:emb 5 mmol/L	CNREA8 40,682,80
cyt-mus-ipr 360 mg/kg	TXAPA9 30,107,74
cyt-mus-orl 300 mg/kg	GENTAE 76,109,74
cyt-mus-ivn 200 mg/kg	MUREAV 60,329,79
cyt-mus:lym 5 mmol/L	OYYAA2 24,703,82
sce-mus-ivn 200 mg/kg	MUREAV 60,329,79
sce-mus:lym 5 mmol/L	OYYAA2 24,703,82
sce-mus:oth 100 mg/L	JCHODP 13,1,83
sce-mus-ipr 90 mg/kg	ENMUDM 6,408,84
dlt-mus-ipr 76 mg/kg	TXAPA9 23,288,72
dlt-mus-orl 300 mg/kg	MUREAV 53,21,78
msc-mus/leu 250 mg/kg	MUREAV 26,501,74
msc-mus:fbr 10 mmol/L	CNREA8 41,3095,81
msc-mus:lym 100 umol/L/30H	MUREAV 41,377,76
msc-mus:mmr 500 umol/L/18H-C	CELLB5 9,383,76
msc-mus:leu 5 mmol/L	CNREA8 34,3073,74
msc-mus/ovr 400 mg/kg	MUREAV 51,77,78
hma-mus/smc 14 mmol/kg	AGACBH 3,99,73
hma-mus/ssp 600 mg/kg	MUREAV 25,197,74
hma-mus/nsc 3100 ug/kg	EVSRBT 24,109,81
spm-mus-ipr 625 mg/kg/5D	PNASA6 72,4425,75
hma-mus/ovr 400 mg/kg	MUREAV 51,77,78
hma-mus/sat 35 mg/kg	EVSRBT 24,353,81
hma-mus/esc 250 mg/kg	CNREA8 34,3073,74
trn-mus-ipr 50 mg/kg	MUREAV 21,32,73
msc-mus:lvr 250 mg/L	SCGTDW 7,373,81
mnt-ham:lng 100 mg/L	MUREAV 130,273,84
slt-ham:ovr 280 mg/L	PMRSDJ 1,594,81
dnr-ham:lng 1 umol/L	MUREAV 77,293,80
otr-ham:emb 400 mg/L	CNREA8 37,3508,77
otr-ham:kdy 80 ug/L	BJCAAI 37,873,78
dnd-ham:lng 1 mmol/L/1H	BBRCA9 72,732,76
dnd-ham:ovr 25 mmol/L	MUREAV 92,361,82
dns-ham:lng 8 mg/L	PNASA6 77,6072,80
dns-ham:emb 10 mmol/L	JTEHD6 6,333,80
dni-ham:lng 10 umol/L	CNREA8 40,682,80
cyt-ham:ovr 4 mmol/L	MUREAV 126,265,84
cyt-ham:fbr 1 mmol/L	CSFUDY 5,175,80
cyt-ham:lng 200 mg/L	MUREAV 67,249,79
sce-ham-orl 75 mg/kg	MUREAV 113,33,83
sce-ham:ovr 10 umol/L/24H	MUREAV 41,343,76
sce-ham:kdy 300 mg/L	NATUAS 271,662,78
sce-ham:fbr 1 mmol/L	CSFUDY 5,175,80
sce-ham-ipr 75 mg/kg	MUREAV 113,33,83
sce-ham:lng 1 mmol/L	GANNA2 73,912,82
msc-ham-ipr 100 mg/kg	DTESD7 2,201,77
msc-ham:ovr 100 ug/L/16H	MUREAV 45,91,77
msc-ham:lng 400 mg/L	FCTOD7 22,501,84
msc-ham:kdy 300 mg/L	GENTAE 77,309,74
msc-ham:fbr 200 mg/L	CNREA8 42,389,82
spm-ham-ipr 25 mg/kg/5D	JTEHD6 8,929,81
dns-dom:kdy 1 umol/L	CBINA8 13,243,76
cyt-ckn-ipr 133 mg/kg	MUREAV 96,53,82
mnt-dog:lym 2 mmol/L	NTIS** AD-A075-605
dnd-mam:kdy 100 umol/L	JTEHD6 6,333,80
dns-mam:lym 1 umol/L	CBINA8 8,113,74
oms-mam:lym 49 mmol/L	CBINA8 46,179,83
sce-rbt-ipr 50 mg/kg	MUREAV 41,333,76
sce-ckn-ipr 50 ug/kg	ENMUDM 2,435,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES

2T23T24	orl-rat TDLo:500 mg/kg (5D male)	TXAPA9 70,303,83
1T23	ipr-rat TDLo:300 mg/kg (1D male)	BSGUAJ -,55,66
1T46	ipr-rat TDLo:200 mg/kg (13D preg)	JRPFA4 17,325,68
1T35	ipr-rat TDLo:200 mg/kg (1D male)	KDIKAX 41,141,80
1T25	ipr-rat TDLo:100 mg/kg (1D male)	CENRA8 4,333,63
2T82T91	ipr-rat TDLo:200 mg/kg (15D preg)	JRPFA4 18,15,69
3T21T23T35	orl-mus TDLo:1 gm/kg (5D male)	EVHPAZ 21,71,77
2T23T72	orl-mus TDLo:1750 mg/kg (7D male)	JACTDZ 2(2),209,83

1T82	ipr-mus TDLo:625 mg/kg (5D male)	MUREAV 70,109,80
1T35	ipr-mus TDLo:200 mg/kg (1D male)	MUREAV 5,417,68
1T26	ipr-mus TDLo:200 mg/kg (1D pre)	MUREAV 13,171,71
3T25T34T46	ipr-mus TDLo:175 mg/kg (11D preg)	ARTODN 51,1,82
1T43	ipr-mus TDLo:195 mg/kg (11D preg)	ARTODN 51,1,82
1T24	ipr-mus TDLo:200 mg/kg (1D male)	IYKEDH 11,559,80
1T35	scu-mus TDLo:350 mg/kg (1D male)	JTSCDR 4,127,79
1T59	par-mus TDLo:100 mg/kg (10D preg)	EVHPAZ 24,113,78
2T01T02	ipr-ham TDLo:25 mg/kg (5D male)	JTEHD6 8,929,81

TUMORIGENIC DATA AND REFERENCES:

2V01R60	orl-rat TDLo:1050 gm/kg/12W-C	CALEDQ 7,79,79
3V01M61R60	ipr-rat TDLo:300 mg/kg	BJCAAI 29,50,74
2V02J60	ipr-mus TDLo:373 mg/kg	CBINA8 3,117,71
2V02M61	ipr-rat TD:825 mg/kg/10D-I	NATUAS 223,[illegible]7,69
2V03M61	ipr-rat TD:413 mg/kg/10D-I	NATUAS 223,947,69
2V01R60	orl-rat TD:3353 mg/kg/13W-C	CRNGDP 2,1223,81
3V03J60M61	ipr-mus TD:600 mg/kg/6W-I	BECCAN 39,77,61
2V03P62	ipr-mus TD:400 mg/kg	BIJOAK 174,1031,78

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:350 mg/kg	CPBTAL 8,807,60
*	ipr-mus LD50:435 mg/kg	CBINA8 3,117,71

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ATXKA8 28,135,71

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 7,245,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB2250000 METHANESULFONIC ACID, IODO-, SODIUM SALT

UPDT:8307 CAS: 126-31-8 MW: 244.99 MOLFM: C-H3-I-O3-S Na

SYN: ABRODEN * ABRODIL * CONTUREX * DIAGNORENOL * IODOMETHANESULFONIC ACID SODIUM SALT * KONTRAST-U * METHIODAL SODIUM * METHOIDAL SODIUM * MONOIODOMETHANESULFONIC ACID, SODIUM SALT * MYELOTRAST * NCI-C03849 * RADIOGRAPHOL * SERGOSIN * SKIODAN * SODIUM IODOMETHANESULFONATE * SODIUM METHIODAL * SODIUM MONOIODOMETHANESULFONATE

TOXICITY DATA AND REFERENCES:

	ivn-rat LD50:4800 mg/kg	JPETAB 116,394,56
	ivn-mus LD50:3900 mg/kg	JPETAB 116,394,56

PB2275000 METHANESULFONIC ACID, ISOPROPYL ESTER

UPDT:8412 CAS: 926-06-7 MW: 138.20 MOLFM: C4-H10-O3-S

SYN: IMS * ISOPROPYLMETHANESULFONATE * ISOPROPYL METHANE SULPHONATE

MUTATION DATA AND REFERENCES:

	mma-sat 3 mmol/L	HEREAY 83,134,76
	mmo-esc 20 mmol/L	MUREAV 8,229,69
	pic-esc 500 mg/L	VIRLAX 99,257,79
	pic-omi 70 mmol/L	MUREAV 36,265,76
	dnd-sal:spr 3200 nmol/19H-C	BIJOAK 145,73,75
	dnd-hmn:fbr 8 mmol/L	CRNGDP 3,7,82
	dnd-rat-unk 50 mg/kg	PACHAS 42,209,75
	dlt-rat-ipr 50 mg/kg	GENRA8 4,333,63
	mnt-mus-ipr 50 mg/kg	TOLED5 7,329,81
	dns-mus-ipr 150 mg/kg	IDZAAW 54,405,79
	dni-mus-ipr 200 mg/kg	MUREAV 46,305,77
	cyt-mus-ipr 100 mg/kg	TOLED5 7,329,81
	dlt-mus-ipr 50 mg/kg	TXAPA9 23,288,72
	spm-mus-ipr 150 mg/kg	MUREAV 54,257,78
	msc-ham:ovr 2 mmol/L	MUREAV 57,217,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T82T91	ipr-rat TDLo:50 mg/kg (16D preg)	JRPFA4 18,15,69
1T53	ipr-rat TDLo:50 mg/kg (16D preg)	JRPFA4 17,325,68
1T46	ipr-rat TDLo:75 mg/kg (13D preg)	JRPFA4 17,325,68
1T01	ipr-rat TDLo:50 mg/kg (1D male)	ECREAL 33,78,64
1T24	ipr-rat TDLo:50 mg/kg (1D male)	GENRA8 4,333,63
2T26T29	ipr-mus TDLo:50 mg/kg (1D pre)	MUREAV 13,171,71
2T24T25	ipr-mus TDLo:50 mg/kg (1D male)	TXAPA9 23,288,72
1T01	ipr-mus TDLo:100 mg/kg (1D male)	VAAZA2 4,276,70
1T33	ipr-mus TDLo:200 mg/kg (1D male)	IDZAAW 58,345,83
1T01	ivn-rbt TDLo:100 mg/kg (1D male)	JRPFA4 5,13,63

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB2400000 METHANESULFONIC ACID, METHOXYMETHYL ESTER

UPDT:8402 MW: 140.17 MOLFM: C3-H8-O4-S

SYN: METHOXYMETHYL METHANESULFONATE

TOXICITY DATA AND REFERENCES:

*	orl-qal LD50:750 mg/kg	JRPFA4 48,371,76

METHANESULFONIC ACID, METHYLENE ESTER see: PA8925000

PB2625000 METHANESULFONIC ACID, METHYL ESTER

UPDT:8412 CAS: 66-27-3 MW: 110.14 MOLFM: C2-H6-O3-S

SYN: as-DIMETHYL SULPHITE * METHANESULPHONIC ACID METHYL ESTER * METHYL ESTER of METHANESULFONIC ACID * METHYL ESTER of METHANESULPHONIC ACID * METHYL MESYLATE * METHYLMETHANSULFONAT (German) * METHYL METHANESULFONATE * METHYL METHANESULPHONATE * METHYL METHANSULFONATE * AETHYL METHANSULPHONATE * MMS * NSC 50256

MUTATION DATA AND REFERENCES:

	mmo-sat 1 uL/plate	MUREAV 130,79,84
	mmo-sat 570 ug/plate	PNASA6 72,5135,75
	dnr-sat 1 ug/disc	MUREAV 90,49,81
	pic-sat 5 umol/plate	PPTCBY -,337,79
	mmo-esc 53200 umol/L/20M	MUREAV 43,11,77
	mmo-esc 20 mmol/L	MUREAV 74,77,80
	dnr-esc 130 nmol/plate	CNREA8 33,458,73
	dnd-esc 2 umol/L	MUREAV 52,161,78
	dns-esc 6500 umol/L/30M	EJBCAI 56,433,75
	pic-esc 100 mmol/L	MGGEAE 145,219,76
	mmo-bcs 100 umol/L	MUREAV 42,19,77
	dnr-bcs 1 ug/disc	MUREAV 90,49,81
	oms-bcs 5000 ppm	MSERDS 5,131,81
	dnd-bcs 360 mmol/L	MUREAV 4,372,67
	dnd-hmi 31 mmol/L/10M	MUREAV 13,289,71
	pic-hmi 100 mmol/L	MUREAV 125,15,84
	mmo-omi 4 mg/plate	CBINA8 22,297,78
	mmo-omi 47 mmol/L	MGGEAE 141,23,75
	mmo-omi 2 gm/L	ZAPOAK 16,279,76
	mmo-omi 10 mmol/L	MGGEAE 179,191,80
	mma-omi 1200 umol/L	MUREAV 74,77,80
	dnd-omi 12500 umol/L/10M-C	ANYAA9 163,765,69
	dnd-omi 2 mmol/L	MGGEAE 150,301,77
	dnd-omi 50 mmol/L	VIRLAX 35,601,68
	dnd-omi 12500 umol/L	PNASA6 73,2629,76
	dnd-omi 12500 umol/L	CSHSAZ 33,277,68
	dni-omi 1 mmol/L	MGGEAE 150,301,77
	dni-omi 20 umol/L	MUREAV 85,275,81
	slt-dmg-orl 100 ppm/24H	MUREAV 44,145,77
	mrc-dmg-orl 1200 umol/L	MUREAV 51,293,78
	dns-dmg-orl 20 mmol/L	GENTAE 77,687,74
	dns-dmg:emb 4500 umol/L	MUREAV 112,215,83
	cyt-dmg-ihl 12500 mL/m3/25M	MUREAV 33,201,75
	cyt-dmg-unk 10 umol/L	MUREAV 74,77,80
	cyt-dmg-par 7500 umol/L	GENRA8 24,1,74
	sln-dmg-par 4500 umol/L	ANYAA9 68,731,58
	sln-dmg-orl 100 ppm/24H	MUREAV 44,145,77
	sln-dmg-unk 10 umol/L	MUREAV 74,77,80
	dlt-dmg-unk 500 umol/L	MUREAV 74,77,80
	trn-dmg-unk 500 umol/L	MUREAV 74,77,80
	mmu-nsc 2 mmol/L	EVSRBT 24,109,81
	mmo-smc 400 ppm/10M	CNJGA8 23,73,81
	mmo-smc 2500 umol/L	MUREAV 74,77,80
	dnr-smc 900 nmol/L	CNJGA8 24,771,82
	mrc-smc 1340 umol/L	AGACBH 3,99,73
	mmo-asn 1 uL/plate	MUREAV 89,1,81
	mmo-asn 130 umol/L	MUREAV 74,77,80
	mrc-asn 260 umol/L	MUREAV 74,77,80
	sln-asn 2250 umol/L	MUREAV 74,77,80
	dlt-asn 250 mg/L	MUREAV 54,131,78
	mmo-ssp 600 umol/L	COINAV 256,315,77
	mmo-clr 13 mmol/L	JOBAAY 118,59,74
	mmo-ssp 1 mmol/L	COINAV 256,315,77
	dnr-ssp 900 nmol/L	CNJGA8 24,771,82
	mrc-ssp 2500 umol/L	COINAV 256,315,77
	slt-slw-par 100 umol/kg	NISZAQ 46,205,77
	dlt-slw-par 100 umol/kg	NISZAQ 46,205,77
	dnd-sal:spr 10 mmol/L	JOVIAM 13,1,74
	dnd-ofs:tes 140 mmol/L	ABBIA4 97,80,62
	sce-nml-skn 500 umol/L	MUREAV 105,235,82
	sce-ofs:emb 100 nmol/L	MUREAV 68,381,79
	sce-ofs-ipr 2100 ug/kg	MUREAV 64,205,79
	dlt-ofs-ipr 50 mg/kg	MUREAV 58,263,78
	dlt-ofs-ipr 200 mg/kg	MUREAV 125,221,84
	otr-hmn:oth 100 ug/L	ITCSAF 17,719,81
	dnd-hmn:lym 1 mmol/L	JACTDZ 1(3),125,82
	dnd-hmn:oth 2 mmol/L	CBINA8 1,89,69/70
	dnd-hmn:hla 1 mmol/L/1H-C	BBACAQ 353,215,74
	dnd-hmn:oth 100 umol/L	CBINA8 23,31,78
	dnd-hmn:fbr 4 mmol/L	CRNGDP 3,7,82
	dns-hmn:oth 1 mmol/L	JJIND8 69,557,82
	dns-hmn:fbr 100 umol/L/90M	IJCNAW 16,284,75
	dns-hmn:hla 100 umol/L	CNREA8 38,2621,78
	dns-hmn:lym 1 mmol/L/10M	MUREAV 14,413,72
	dns-hmn:oth 2 mmol/L	CBINA8 23,31,78
	dni-hmn:hla 500 umol/L/30M-C	JEPTDQ 2(1),65,78
	dni-hmn:lym 500 umol/L	ANYAA9 163,765,69
	dni-hmn:oth 1 mmol/L	ANYAA9 163,765,69
	dni-hmn:lvr 100 umol/L	CNREA8 42,335,82
	dns-hmn:oth 100 umol/L	MUREAV 122,377,83
	cyt-hmn:lym 200 umol/L/24H-C	HEREAY 77,205,74
	sce-hmn:emb 10 umol/L	MUREAV 74,77,80
	sce-hmn:lym 100 umol/L/15H	MUREAV 46,375,77
	sce-hmn:fbr 100 nmol/L	JTEHD6 2,1387,77
	msc-hmn:lym 160 umol/L	CNREA8 38,1595,78
	msc-hmn:fbr 500 mg/L	CNJGA8 21,435,79
	dns-mus-par 16300 ug/kg	EVHPAZ 24,117,78
	otr-rat:lvr 500 umol/L	CNREA8 43,5087,83
	oms-rat-ipr 120 mg/kg	CBINA8 12,279,76
	dnd-rat:oth 7 mmol/L	CBINA8 44,63,83
	dnd-rat-ipr 5 mg/kg	MUREAV 130,283,84
	dnd-rat:lvr 4 mmol/L/20M	MUREAV 25,391,74
	dnd-rat-par 40 mg/kg	CALEDQ 11,199,80
	dnd-rat-orl 20 mg/kg	ENMUDM 4,667,82
	dns-rat-orl 20 mg/kg	ENMUDM 4,667,82
	dns-rat:lvr 1 mmol/L	MUREAV 122,177,83
	dns-rat:oth 32 mmol/L	CNREA8 40,2898,80
	dns-rat:oth 100 umol/l	ENMUDM 5,481,83
	dns-rat-ipr 10 mg/kg	JCLBA3 92(2, Pt 2),171a,82
	dni-rat-ipr 66 mg/kg	CBINA8 27,81,79
	dns-rat:spr 10 umol/L	ENMUDM 6,273,84
	dns-rat:oth 1 mmol/L	PAACA3 25,106,84
	dns-rat:oth 100 umol/L	PPTCBY 10,215,80
	cyt-rat-orl 156 mg/kg	FCTXAV 19,347,81
	cyt-rat-ipr 63 mg/kg	FCTXAV 19,347,81
	cyt-rat-unk 33 mg/kg	MUREAV 113,239,83
	msc-rat:lvr 3 mmol/L/30M	CALEDQ 4,277,78
	hma-rat/smc 4 mmol/L/1H	MUREAV 31,381,75
	spm-rat-ipr 50 mg/kg	ENMUDM 6,393,84
	mnt-mus-ipr 25 mg/kg/24H	PSDTAP 15,275,74
	mnt-mus-unk 10 mg/kg	MUREAV 74,77,80
	mma-mus:lym 1 mg/L/4H	MUREAV 59,61,79
	slt-mus-unk 50 mg/kg	GENTAE 92,5153,79
	slt-mus-ipr 40 mg/kg	ARTODN 46,123,80
	slt-mus-par 50 mg/kg	EVHPAZ 24,113,78
	cyt-mus-unk 5 mg/kg	MUREAV 74,77,80
	dns-mus:oth 100 umol/L	PPTCBY 10,215,80
	otr-mus:emb 21200 ug/L	TOLED5 9,301,81
	dnd-mus:lvr 7 mmol/L	CBINA8 44,53,83
	dnd-mus:oth 7 mmol/L	CBINA8 44,63,83
	dnd-mus-ipr 300 umol/kg	CRNGDP 5,319,84
	dnd-mus-unk 50 mg/kg	PACHAS 42,209,75
	dnd-mus:leu 1 mmol/L/1H-C	CNREA8 35,2780,75
	dnd-mus:lym 20 mg/L	MUREAV 8,629,69
	dnd-mus:ast 10 umol/L	MUREAV 89,95,81
	dns-mus:tes 10 umol/L/3H	ARTODN 37,195,77
	dns-mus:lym 2 mmol/L	CBINA8 23,31,78
	dns-mus:mmr 3 mmol/L/3H-C	NARHAD 4,2619,77
	dns-mus:spr 50 umol/L/1H-C	MUREAV 80,201,81
	dns-mus-ipr 25 mg/kg	ENMUDM 6,211,84
	dns-mus-scu 500 umol/l	CNREA8 42,5216,82
	dni-mus-ipr 20 gm/kg	ARGEAR 51,605,81
	dni-mus:emb 100 umol/L	CNREAS 40,682,80
	dni-mus-ipr 100 mg/kg	MUREAV 46,305,77

	dni-mus:oth 30 mg/L	CBINA8 11,501,78
	dns-mus:lvr 750 umol/L	ENMUDM 5,1,83
	dni-mus:oth 400 umol/L	CALEDQ 5,253,78
	dns-mus:oth 7 mmol/L	CBINA8 44,63,83
	dns-mus:leu 2 mmol/L	CALEDQ 18,21,83
	dns-mus:oth 100 umol/L	PPTCBY 10,215,80
	cyt-mus-unk 12500 ng/kg	MUREAV 85,284,81
	cyt-mus-ipr 5 mg/kg	MUREAV 74,160,80
	cyt-mus/leu 65 mg/kg	MUREAV 31,5,75
	cyt-mus/ast 120 mg/kg	GENTAE 64,512,70
	sce-mus-unk 1 mg/kg	MUREAV 74,77,80
	sce-mus-ipr 1 mg/kg	MUREAV 103,191,82
	hma-mus/esc 50 mg/kg	CECED9 6388,328,80
	dlt-mus-orl 10 mg/kg	TXAPA9 55,411,80
	dlt-mus-ipr 25 mg/kg	TXAPA9 23,288,72
	dlt-mus-ivn 50 mg/kg	MUREAV 33,239,75
	dlt-mus-unk 10 mg/kg	MUREAV 74,77,80
	dlt-mus-ims 100 mg/kg	THGEAU 115,832,76
	msc-mus-unk 50 mg/kg	MUREAV 74,77,80
	msc-mus:lym 5 mg/L	MUREAV 125,291,84
	msc-mus:fbr 10 mmol/L	CNREA8 41,3095,81
	hma-mus/sat 150 mg/kg	ARZNAD 23,746,73
	hma-mus/smc 2 umol/kg	AGACBH 3,99,73
	hma-mus/ssp 100 mg/kg	COINAV 256,315,77
	hma-mus/nsc 200 mg/kg	ARZNAD 23,746,73
	hma-mus/esc 132 mg/kg	EVSRBT 24,353,81
	spm-mus-ipr 40 mg/kg	MUREAV 48,75,77
	spm-mus-ivn 100 mg/kg	MUREAV 33,239,75
	spm-mus-par 500 mg/kg	ARTODN 46,159,80
	spm-mus-unk 100 mg/kg	ENMUDM 4,324,82
	trn-mus-ipr 40 mg/kg	MUREAV 48,75,77
	trn-mus-unk 40 mg/kg	MUREAV 74,77,80
	hma-mus/srm 150 umol/kg	EVSRBT 24,353,81
	mnt-ham-unk 20 mg/kg	MUREAV 74,77,80
	mnt-ham:lng 50 mg/L	MUREAV 130,273,84
	mma-ham:lng 1 mmol/L	MUREAV 74,77,80
	mma-ham:ovr 1 mmol/L	MUREAV 74,77,80
	otr-ham:emb 25 mg/L	CNREA8 37,3508,77
	otr-ham:kdy 10 mg/L	TXCYAC 19,55,81
	dnd-ham:lng 100 umol/L/1H	BBRCA9 72,732,76
	dnd-ham:ovr 1 mmol/L	CNJGA8 23,17,81
	dnd-ham:oth 100 mg/L	CNREA8 41,2605,81
	oms-ham:lng 750 umol/L/1H	CBINA8 15,117,76
	dns-ham:lng 3 mmol/L/1H	CBINA8 3,49,68
	dns-ham:oth 700 umol/L	NATUAS 220,1142,68
	dns-ham:emb 50 umol/L	JTEHD6 6,333,80
	dns-ham:lvr 20 umol/L	ENMUDM 6,1,84
	dni-ham:oth 1500 umol/L	NATUAS 220,1142,68
	dns-ham:oth 320 umol/L	PPTCBY 10,215,80
	dni-ham:lng 100 umol/L	CNREA8 40,682,80
	dns-ham:oth 100 umol/L	PPTCBY 10,215,80
	cyt-ham:ovr 500 umol/L	MUREAV 74,77,80
	cyt-ham:fbr 50 umol/L	MUREAV 80,121,81
	cyt-ham:lng 600 umol/L	EVSRBT 24,433,81
	sce-ham-ipr 1 mg/kg	MUREAV 56,169,77
	sce-ham:ovr 6500 ug/L	JTEHD6 10,255,82
	sce-ham-unk 1 mg/kg	MUREAV 74,77,80
	sce-ham:fbr 50 umol/L	MUREAV 80,121,81
	sce-ham:emb 100 umol/L	IJCNAW 28,71,81
	msc-ham-orl 6250 ug/kg	MUREAV 113,33,83
	sce-ham:lng 10 mg/L	FCTOD7 22,501,84
	msc-ham:ovr 50 umol/L	MUREAV 57,217,78
	msc-ham:lng 900 umol/L/1H	MUREAV 111,341,83
	msc-ham:kdy 20 mg/L	GENTAE 77,309,74
	dns-gpg:oth 100 umol/L	PPTCBY 10,215,80
	dns-gpg:oth 1 mmol/L	PPTCBY 10,215,80
	mnt-dog:lym 200 umol/L	NTIS** AD-A075-605
	dnd-mam:kdy 100 umol/L	JTEHD6 6,333,80
	dnd-mam:lym 2500 umol/L	BIJOAK 80,496,61
	dnd-ckn:emb 1 mmol/L	BBACAQ 697,278,82
	dns-rbt-ivn 22500 ug/kg	ARTODN 40,37,78
	dns-mam:lym 1 umol/L	CBINA8 8,113,74
	dns-mam:kdy 500 umol/L	JTEHD6 6,333,80
	oms-mam:lym 12 mmol/L	CBINA8 46,179,83
	dns-pig:oth 100 umol/L	PPTCBY 10,215,80
	dns-pig:oth 10 mmol/L	PPTCBY 10,215,80
	dns-ctl:oth 100 umol/L	PPTCBY 10,215,80
	dns-ctl:oth 1 mmol/L	PPTCBY 10,215,80
	sce-rbt-ipr 25 mg/kg	MUREAV 41,333,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01	orl-rat TDLo:100 mg/kg (1D male)	TJADAB 26(3),14A,82
1T23	orl-rat TDLo:50 mg/kg (1D male)	15QWAW -,62,65
2T82T91	ipr-rat TDLo:100 mg/kg (15D preg)	JRPFA4 18,15,69
2T43T46	ipr-rat TDLo:100 mg/kg (13D preg)	JRPFA4 17,325,68
1T23	ipr-rat TDLo:50 mg/kg (1D male)	BCSTB5 1,523,73
1T01	ipr-rat TDLo:100 mg/kg (1D male)	ECREAL 33,78,64
2T01T02	ipr-rat TDLo:100 mg/kg (1D male)	TJADAB 26(3),14A,82
1T35	orl-mus TDLo:20 mg/kg (1D male)	OYYAA2 24,711,82
1T11	ipr-mus TDLo:80 mg/kg (1D pre)	TXAPA9 67,370,83
3T01T23T82	ipr-mus TDLo:100 mg/kg (1D male)	IDZAAW 58,353,83
1T25	ipr-mus TDLo:25 mg/kg (1D male)	TXAPA9 23,288,72
2T35T43	ipr-mus TDLo:50 mg/kg (12D preg)	RCOCB8 5,713,73
2T01T33	ipr-mus TDLo:20 mg/kg (1D male)	CGCGBR 31,145,81
1T91	ipr-mus TDLo:50 mg/kg (1D male)	BJPCAL 23,521,64
1T35	ims-mus TDLo:100 mg/kg (1D pre)	MUREAV 29,209,75
1T59	par-mus TDLo:100 mg/kg (10D preg)	EVHPAZ 24,113,78
1T01	ipr-ham TDLo:75 mg/kg (5D male)	NTIS** CONF-771017
1T02	ipr-ham TDLo:250 mg/kg (5D male)	NTIS** CONF-771017
1T33	ipr-ham TDLo:20 mg/kg (17D preg)	ARTODN (Suppl 4),22,80

TUMORIGENIC DATA AND REFERENCES:

3V03A60B60	ipr-rat TDLo:72 mg/kg	NATUAS 223,947,69
3V03M61V10	scu-rat TDLo:184 mg/kg/46W-I	ZEKBAI 74,241,70
2V03A60	ivn-rat TDLo:96 mg/kg	ANYAA9 163,717,69
3V03T65A60	ivn-rat TDLo:20 mg/kg (15D preg)	EJCAAH 8,641,72
3V01T65A60	unk-rat TDLo:20 mg/kg (15D preg)	IARCCD 4,143,73
3V02J60P62	orl-mus TDLo:14 gm/kg/78W-C	SCIEAS 161,913,68

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:225 mg/kg	FCTXAV 19,347,81
*	ipr-rat LD50:140 mg/kg	FCTXAV 19,347,81
	scu-rat LD50:125 mg/kg	ZEKBAI 74,241,70
	ivn-rat LD50:175 mg/kg	ZEKBAI 74,241,70
	ipr-mus LDLo:130 mg/kg	YOMJA9 20,105,79
	ivn-dog LDLo:22 mg/kg	CCSUBJ 2,203,65
*	orl-qal LD50:75 mg/kg	JRPFA4 48,371,76

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ATXKA8 28,135,71

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 7,253,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB2665000 METHANESULFONIC ACID, (METHYLSULFONYL)-, 2-CHLOROETHYL ESTER

UPDT:8309 MW: 236.70 MOLFM: C4-H9-Cl-O5-S2

SYN: (METHYLSULFONYL)METHANESULFONIC ACID 2-CHLOROETHYL ESTER * NSC 338947 * SRI 6155

MUTATION DATA AND REFERENCES:

	dnd-mus:leu 50 umol/L	PAACA3 24,244,83

PB2680000 METHANESULFONIC ACID, PROPYL ESTER

UPDT:8412 CAS: 1912-31-8 MW: 138.20 MOLFM: C4-H10-O3-S

SYN: PMS * n-PROPYL METHANESULFONATE

MUTATION DATA AND REFERENCES:

	mmo-sat 20 mmol/L	CNREA8 38,1595,78
	mmo-esc 68 mmol/L	HEREAY 83,134,76
	msc-hmn:lym 1 mmol/L	CNREA8 38,1595,78
	dlt-mus-ipr 50 mg/kg	MUREAV 11,35,71

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T23	ipr-rat TDLo:400 mg/kg (1D male)	85GUAJ -,55,66
1T26	ipr-mus TDLo:600 mg/kg (1D pre)	MUREAV 13,171,71

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METHANESULFONIC ACID, SILVER SALT see: PB2685000

PB2685000 METHANESULFONIC ACID, SILVER(1+) SALT

UPDT:7908 CAS: 2386-52-9 MW: 202.97 MOLFM: C-H3-O3-S.Ag

SYN: METHANESULFONIC ACID, SILVER SALT * SILVER METHANESULFONATE * SILVER METHYLSULFONATE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:18 mg/kg	CSLNX* NX#00622

REVIEW AND REFERENCES:

★ TLV-TWA 10 ug(Ag)/m3 — DTLVS* 4,367,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ug(Ag)/m3 (SCP-N) — FEREAC 39,23540,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

PB2690000 METHANESULFONIC ACID, SULFANILAMIDO-, SALT with 2,2',2''-NITRILOTRIETHANOL

UPDT:8403 CAS: 127-81-1 MW: 415.53 MOLFM: C13-H25-N3-O8-S2

SYN: p-AMINOBENZENESULFONYLAMINOMETHANESULFONIC ACID TRIETHANOLAMINE SALT * 4-AMINOPHENYLSULFONYLAMINOMETHANESULFONIC ACID TRIETHANOLAMINE SALT * SALTHION * SULFANILAMIDOMETHANESULFONIC ACID SALT with 2,2',2''-NITRILOTRIETHANOL * SULFANILAMIDOMETHANESULFONIC ACID TRIETHANOLAMINE SALT

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:11 gm/kg	MEIEDD 10,1280,83
*	ivn-mus LD50:3500 mg/kg	MEIEDD 10,1280,83

METHANESULFONIC ACID, TETRAMETHYLENE ESTER see: EK1750000

PB2760000 METHANESULFONIC ACID, THIO-, O-(2-HYDROXYPROPYL) ESTER

UPDT:8309 CAS: 41206-16-0 MW: 170.26 MOLFM: C4-H10-O3-S2

SYN: HPMTS * 2-HYDROXYPROPYL METHANETHIOSULFONATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:794 mg/kg	FMCHA2 -,C128,83

METHANESULFONYL-m-ANISIDINE, 4'-(9-ACRIDINYLAMINO)-, MONOHYDROCHLORIDE see: PB1081000

1-(3-(2-(METHANESULFONYL)PHENOTHIAZIN-10-YL)PROPYL-4-PIPERIDINECARBOXAMIDE see: TM6107000

METHANESULPHONIC ACID ETHYL ESTER see: PB2100000

METHANESULPHONIC ACID METHYL ESTER see: PB2625000

METHANE, TETRABROMIDE see: FG4725000

METHANE, TETRABROMO- see: FG4725000

METHANE TETRACHLORIDE see: FG4900000

METHANE, TETRACHLORO- see: FG4900000

METHANE, TETRAFLUORO- see: FG4920000

METHANE TETRAMETHYLOL see: RZ2490000

PB4025000 METHANE, TETRANITRO-

UPDT:8412 CAS: 509-14-8 MW: 196.05 MOLFM: C-N4-O8

SYN: NCI-C55947 * RCRA WASTE NUMBER P112 * TETRANITROMETHANE * TETRANITROMETHANE (DOT) * TNM * UN 1510 (DOT)

TOXICITY DATA AND REFERENCES:

3D07D35F07	orl-rat LD50:120 mg/kg	NTIS** AD-A051-334
1P24	ihl-rat LC50:18 ppm/4H	AMRL** TR-77-25,77
1P24	ivn-rat LD50:12600 ug/kg	AMRL** TR-77-25,77
3D07D35F07	orl-mus LD50:375 mg/kg	NTIS** AD-A051-334
1P24	ihl-mus LC50:54 ppm/4H	AMRL** TR-77-25,77
	ipr-mus LD50:53 mg/kg	KHFZAN 10(6),53,76
1P24	ivn-mus LD50:63100 ug/kg	AMRL** TR-77-25,77
	ihl-man LDLo:500 mg/kg	COREAF 171,1396,20

REVIEW AND REFERENCES:

★ TLV-TWA 1 ppm — DTLVS* 4,394,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 1 ppm (SCP-Q) — FEREAC 39,23540,74

STATUS:

NTP CARCINOGENESIS STUDIES, ON TEST, OCTOBER 1984

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB4050000 METHANE, TETRAPHENYL-

UPDT:8401 CAS: 630-76-2 MW: 320.45 MOLFM: C25-H20

SYN: BENZENE, 1,1',1'',1'''-METHANETHETRAYLTETRAKIS- * TETRAPHENYL METHANE

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10	skn-mus TDLo:920 mg/kg/23W-I	AJCAA7 26,754,36

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METHANE, (THIOARSENOSO)- see: CH7000000

PB4375000 METHANETHIOL

UPDT:8412 CAS: 74-93-1 MW: 48.11 MOLFM: C-H4-S

SYN: MERCAPTAN METHYLIQUE (French) * METHVTIOLO (Italian) * METHAANTHIOL (Dutch) * METHANTHIOL (German) * METHYLMERCAPTAAN (Dutch) * METILMERCAPTANO (Italian) * METHYL MERCAPTAN * METHYL MERCAPTAN (DOT) * RCRA WASTE NUMBER U153 * THIOMETHANOL * UN 1064 (DOT)

MUTATION DATA AND REFERENCES:

	sln-dmg-ihl 99 pph/6M-C	ENVRAL 7,286,74

TOXICITY DATA AND REFERENCES:

	ihl-rat LC50:675 ppm	LacHB# 09JUN78

* ihl-mus LC50:6530 ug/m3/2H — GTPZAB 16(6),46,72
* unk-mam LD50:60670 ug/kg — GTPZAB 16(6),46,72

REVIEW AND REFERENCES:
★ TLV-TWA 500 ppb — DTLVS* 4,284,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CI 10 ppm (SCP-V) — FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS — CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO n-ALKANE MONO THIOLS recm std-air:CL 0.5 ppm/15M — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0578-0149
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(METHANETHIOLATO)METHYLMERCURY see: OW5750000
METHANETHIOL, ((p-CHLOROPHENYL)THIO)-, S-ESTER with 0,0-DIMETHYL PHOSPHORODITHIOATE see: TD5425000
METHANETHIOL, ((2,5-DICHLOROPHENYL)THIO)-, S-ESTER with 0,0-DIETHYL PHOSPHORODITHIOATE see: TD5775000
METHANETHIOL, ((2,5-DICHLOROPHENYLTHIO)-, S-ESTER with 0,0-DIMETHYL PHOSPHORODITHIOATE see: TD6125000
METHANETHIOL, (ETHYLTHIO)-, S-ESTER with 0,0-DIETHYL PHOSPHORODITHIOATE see: TD9450000
METHANETHIOL, PHENYL- see: XT8650000
METHANETHIOL, (PROPYLTHIO)-, S-ESTER with 0,0-DIETHYL PHOSPHORODITHIOATE see: TD9800000

PB5600000 METHANE, TRIBROMO-
UPDT:8412 CAS: 75-25-2 MW: 252.75 MOLFM: C-H-Br3
SYN: BROMOFORM * BROMOFORM (DOT) * BROMOFORME (French) * BROMOFORMIO (Italian) * METHENYL TRIBROMIDE * NCI-C55130 * RCRA WASTE NUMBER U225 * TRIBROMMETHAAN (Dutch) * TRIBROMMETHAN (German) * TRIBROMOMETAN (Italian) * TRIBROMOMETHANE * UN 2515 (DOT)

MUTATION DATA AND REFERENCES:
mmo-sat 50 uL/plate — DHEFDK FDA-78-1046,78
sce-hmn:lym 80 umol/L — ENVRAL 32,72,83
sce-mus-orl 100 mg/kg/4D-I — ENVRAL 32,72,83

TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:1100 mg/kg/8W-I — CNREA8 37,2717,77

TOXICITY DATA AND REFERENCES:
3F19F25R21 orl-rat LD50:1147 mg/kg — TXAPA9 52,351,80
* ihl-rat LCLo:45 gm/m3/4H — 85GMAT -,28,82
3D17F07F25 ipr-rat LD50:414 mg/kg — TOLED5 15,251,83
orl-mus LD50:1400 mg/kg — TXAPA9 44,213,78
scu-mus LD50:1820 mg/kg — TXAPA9 4,354,62
scu-rbt LDLo:410 mg/kg — AEXPBL 28,201,1891
* ihl-mam LC50:12100 mg/m3 — GTPZAB 18(4),55,74
* ipr-mam LD50:9274 mg/kg — GTPZAB 18(4),55,74

REVIEW AND REFERENCES:
★ TLV-TWA 500 ppb (skin) — DTLVS* 4,49,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 ppm (skin) (SCP-H) — FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS — CFRGBR 49,172,102,83

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1003
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METHANE TRICHLORIDE see: FS9100000
METHANE, TRICHLORO- see: FS9100000

PB6125000 METHANE, TRICHLOROFLUORO-
UPDT:8412 CAS: 75-69-4 MW: 137.36 MOLFM: C-Cl3-F
SYN: ALGOFRENE TYPE 1 * ARCTON 9 * ELECTRO-CF 11 * ESKIMON 11 * F 11 * FC 11 * FLUOROCARBON NO. 11 * FLUOROTRICHLOROMETHANE * FLUOROTROJCHLOROMETAN (Polish) * FREON 11 * FREON 11A * FREON 11B * FREON HE * FREON MF * FRIGEN 11 * GENETRON 11 * HALOCARBON 11 * ISCEON 131 * ISOTRON 11 * LEDON 11 * METHANE, FLUOROTRICHLORO- * MONOFLUOROTRICHLOROMETHANE * NCI-C04637 * RCRA WASTE NUMBER U121 * TRICHLOROFLUOROMETHANE * TRICHLOROMONOFLUOROMETHANE * UCON FLUROCARBON 11 * UCON REFRIGERANT 11

TOXICITY DATA AND REFERENCES:
3D25J14L30 ihl-hmn TC50:50000 ppm/30M — EJTXAZ 9,385,76
1F01 ihl-rat LCLo:10 pph/20M — AIHOAX 2,335,50
ihl-mus LC50:10 pph/30M — EJTXAZ 9,385,76
ipr-mus LD50:1743 mg/kg — TOIZAG 18,363,71
ihl-rbt LC50:25 pph/30M — EJTXAZ 9,385,76
ihl-gpg LC50:25 pph/30M — EJTXAZ 9,385,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FAZMAE 18,365,74; TXCYAC 3,311,75; NYSJAM 74(11),1939,74; AIHAAP 29,517,68
★ TLV-CL 1000 ppm — DTLVS* 4,408,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1000 ppm (SCP-H) — FEREAC 39,23540,74

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:RAT (NCITR* NCI-CG-TR-106,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-106,78)
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S102
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB6300000 METHANE, TRICHLORONITRO-
UPDT:8412 CAS: 76-06-2 MW: 164.37 MOLFM: C-Cl3-N-O2
SYN: ACQUINITE * CHLOORPIKRINE (Dutch) * CHLOROFORM, NITRO- * CHLOR-O-PIC * CHLOROPICRIN * CHLOROPICRIN (DOT) * CHLOROPICRIN, absorbed (DOT) * CHLOROPICRINE (French) * CHLOROPICRIN, LIQUID (DOT) * CHLORPIKRIN (German) * CLOROPICRINA (Italian) * DOJYOPICRIN * DOLOCHLOR * G 25 * LARVACIDE * MICROLYSIN * NA 1583 (DOT) * NCI-C00533 * NITROCHLOROFORM * NITROTRICHLOROMETHANE * PIC-CLOR * PICFUME * PICRIDE * PROFUME A * PS * S 1 * TRICHLOORNITROMETHAAN (Dutch) * TRICHLORNITROMETHAN (German) * TRICHLORONITROMETHANE * TRI-CLOR * TRICLORO-NITRO-METANO (Italian) * UN 1580 (DOT)

MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate — MUREAV 116,185,83

TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-mus TDLo:26 gm/kg/78W-I — NCITR* NCI-CG-TR-65,78

TOXICITY DATA AND REFERENCES:
3D17D25J30 ihl-hmn TCLo:2 mg/m3 — ZGEMAZ 106,296,39
orl-rat LD50:250 mg/kg — DOWCC* -,-,72
ihl-mus LC50:1600 mg/m3/10M — NDRC** NDCrc-132,Jan,42
ipr-mus LD50:25 mg/kg — KHFZAN 10(6),53,76
ihl-cat LCLo:800 mg/m3/20M — ZGEMAZ 106,296,39
ihl-rbt LCLo:800 mg/m3/20M — ZGEMAZ 106,296,39
ihl-gpg LCLo:800 mg/m3/20M — ZGEMAZ 106,296,39
1J15 ivn-gpg LD50:4200 ug/kg — AIPTAK 114,146,58

REVIEW AND REFERENCES:
★ TLV-TWA 100 ppb; STEL 300 ppb — DTLVS* 4,93,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.1 ppm (SCP-P) — FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON, absorbed — CFRGBR 49,172,101,82
★ DOT-HAZARD:POISON B; LABEL:POISON, liquid — CFRGBR 49,172,101,82

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:MOUSE, RAT (NCITR* NCI-CG-TR-65,78)
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1081-0416
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB6320000 METHANE, TRICHLORONITRO-, (mixture)
DEF:Mixture contains no compressed gas or poison A liquid (FEREAC 14,15972,76)
UPDT:8308
SYN: CHLOROPICRIN MIXTURE * UN 1583 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172,101,82

PB6325000 METHANE, TRICHLORONITRO-, mixt. with BROMOMETHANE (9CI)
UPDT:8401 CAS: 8004-09-9 MW: 259.32 MOLFM: C-H3-Br C-Cl3-N-O2
SYN: AGEL TG 37 * AGEL TG 67 * CHLOROPICRIN-METHYL BROMIDE mixt. * CHLOROPICRIN and METHYL BROMIDE, mixture (DOT) * DOWFUME MC 2 * DOWFUME MC 33 * MBC 33 * M-B-C FUMIGANT * METHYL BROMIDE-CHLOROPICRIN mixt. * METHYL BROMIDE AND MORE THAN 2% CHLOROPICRIN MIXTURE, LIQUID (DOT) * NA 1581 (DOT) * TERR-O-GEL * UN 1581 (DOT) * VERTAFUME

TOXICITY DATA AND REFERENCES:
* ihl-man LCLo:200 ppm — FMCHA2 -,C231,83

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON A; LABEL:POISON GAS — CFRGBR 49,172,102,83
★ DOT-IMO:POISON B; LABEL:POISON — CFRGBR 49,172,102,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB6330000 METHANE, TRICHLORONITRO-, mixed with METHYL CHLORIDE
UPDT:8308
SYN: CHLOROPICRIN and METHYL CHLORIDE MIXTURE (DOT) * UN 1582 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON A; LABEL:POISON GAS AND FLAMMABLE GAS — CFRGBR 49,172,101,82

PB6340000 METHANE, TRICHLORONITRO-, mixed with NONFLAMMABLE, NONLIQUEFIED COMPRESSED GAS
UPDT:8308
SYN: CHLOROPICRIN AND NONFLAMMABLE, NONLIQUEFIED COMPRESSED GAS MIXTURE (DOT) * NA 1955 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON A; LABEL:POISON GAS AND FLAMMABLE GAS — CFRGBR 49,172,101,82

METHANE, TRIETHOXY- see: RM6475000

PB6900000 METHANE, TRIFLUORO-
UPDT:8403 CAS: 75-46-7 MW: 70.02 MOLFM: C-H-F3
SYN: ARCTON * CARBON TRIFLUORIDE * FLUOROFORM * FLUORYL * FREON 23 * FREON F-23 * GENETRON-23 * HALOCARBON 23 * METHYL TRIFLUORIDE * R 23 * TRIFLUOROMETHANE * TRIFLUOROMETHANE (DOT) * UN 1984 (DOT)

MUTATION DATA AND REFERENCES:
sln-dmg-ihl 98 pph/10M — ENVRAL 7,275,74

STANDARDS & REGULATIONS:
★ DOT-IMO:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS — CFRGBR 49,172,102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

PB6950000 METHANE, TRIFLUORO-, mixt. with CHLOROTRIFLUOROMETHANE
UPDT:8308 MW: 174.48 MOLFM: C-H-F3 C-Cl-F3
SYN: TRIFLUOROMETHANE and CHLOROTRIFLUOROMETHANE mixture (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMABLE GAS; LABEL:NONFLAMABLE GAS — CFRGBR 49,172,101,82

PB7000000 METHANE, TRIIODO-
UPDT:8412 CAS: 75-47-8 MW: 393.72 MOLFM: C-H-I3
SYN: IODOFORM * NCI-C04568 * TRIIODOMETHANE

MUTATION DATA AND REFERENCES:
mmo-sat 67 ug/plate — ENMUDM 5(Suppl 1),3,83
mmo-sat 100 ug/plate — ENMUDM 5(Suppl 1),3,83

TOXICITY DATA AND REFERENCES:
1J26 ihl-rat LC50:165 ppm/7H — JTEHD6 8,59,81
3F25H30J30 scu-mus LD50:630 mg/kg — TXAPA9 4,354,62
orl-dog LDLo:1000 mg/kg — ZEPTAT 1,446,05
scu-rat LDLo:50 mg/kg — ZEPTAT 1,446,05
orl-mam LDLo:1 gm/kg — HBAMAK 4,1289,35
scu-mam LDLo:1500 mg/kg — HBAMAK 4,1289,35

REVIEW AND REFERENCES:
★ TLV-TWA 600 ppb; STEL 1 ppm (skin) — DTLVS* 4,230,80

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE,RAT (NCITR* NCI-CG-TR-110,78)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB7200000 METHANE, TRINITRO-
UPDT:8408 CAS: 517-25-9 MW: 151.05 MOLFM: C-H-N3-O6
SYN: NITROFORM * TRINITROMETHANE

TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:300 mg/kg — 85GMAT -,93,82
* ihl-mus LC50:800 mg/m3/2H — 85GMAT -,93,82
ipr-mus LD50:115 mg/kg — KHFZAN 10(6),53,76

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN — CFRGBR 49,172,101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PB7350000 METHANE, TRIS(4-AMINOPHENYL)-
UPDT:8401 CAS: 548-61-8 MW: 289.41 MOLFM: C19-H19-N3
SYN: ANILINE, 4,4',4''-METHYLIDYNETRI- * BENZENEAMINE, 4,4',4''-METHYLIDYNETRIS- (9CI) * LEUCOPARAFUCHSIN * LEUCOPARAFUCHSINE * TRIAMINOTRIPHENYLMETHANE * p,p',p''-TRIAMINOTRIPHENYLMETHANE * 4,4',4''-TRIAMINOTRIPHENYLMETHANE * TRIS-4-AMINOFENYLMETHAN (Czech)

IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV — 28ZPAK -,73,72

TUMORIGENIC DATA AND REFERENCES:
3V03P60R60 orl-rat TDLo:26 gm/kg/47W-I — VOONAW 22(9),66,76
3V03P60R60 scu-rat TDLo:10 gm/kg/90W-I — VOONAW 22(9),66,76
2V03R60 orl-mus TDLo:64 gm/kg/64W-I — VOONAW 22(9),66,76
3V03L60P60 skn-mus TDLo:6880 mg/kg/43W-I — VOONAW 22(9),66,76
3V03L60P60 scu-mus TDLo:16 gm/kg/39W-I — VOONAW 22(9),66,76

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2640 mg/kg — 28ZPAK -,73,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METHANIDE see: BP7632500
METHANIM EXTRACT (Indian) see: QG2979000
METHANIMIDAMIDE, N'-(4-CHLORO-2-METHYLPHENYL)-N,N-DIMETHYL- see: LQ4375000
METHANIMIDAMIDE, N'-(4-CHLORO-2-METHYLPHENYL)-, MONOHYDROCHLORIDE see: LQ4550000
METHANIMIDAMIDE, N,N-DIMETHYL-N'-(3-(((METHYLAMINO)CARBONYL)OXY)PHENYL)-, MONOHYDROCHLORIDE see: FC2800000
METHANIMIDAMIDE, N'-(2,4-DIMETHYLPHENYL)-N-(((2,4-DIMETHYLPHENYL)IMINO)METHYL)-N-METHYL- see: ZF0480000
METHANIMIDAMIDE, N-(2,4-DIMETHYPHENYL)-N'-METHYL-, HYDROCHLORIDE (10Cl) see: LQ4593400
METHANIM ROOT EXTRACT (Indian) see: QG2979200

PB7725000 1H-3a,7-METHANOAZULENE, 2,3,4,7,8,8a-HEXAHYDRO-3,6,8,8-TETRAMETHYL-, (3R-(3-alpha,3a-beta, 7-beta,8a-alpha))-
UPDT:8305 CAS: 469-61-4 MW: 204.39 MOLFM: C15-H24
SYN: CEDR-8-ENE * alpha-CEDRENE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,679,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PB7728000 1H-3a,7-METHANOAZULENE, OCTAHYDRO-6-METHOXY-3,6,8,8-TETRAMETHYL-,(3R-(3-alpha,3a-beta, 6-alpha,7-beta,8a-alpha))-
UPDT:8305 CAS: 67874-81-1 MW: 236.44 MOLFM: C16-H28-O
SYN: CEDRAMBER * CEDROL METHYL ETHER * METHYL CEDRYL ETHER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,747,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1H-3a,7-METHANOAZULEN-6-OL, OCTAHYDRO-3,6,8,8-TETRAMETHYL-, ACETATE see: FJ1680000

PB7733000 1,4-METHANOAZULEN-2(1H)-ONE, OCTAHYDRO-4,8,8,9-TETRAMETHYL-
UPDT:8412 CAS: 14727-47-0 MW: 220.39 MOLFM: C15-H24-O
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTOD7 21,859,83

PB8420000 2,6-METHANO-3-BENZAZOCINE, 1,2,3,4,5,6-HEXAHYDRO-3,6,11-alpha-TRIMETHYL-, HYDROCHLORIDE
UPDT:8307 CAS: 49822-16-4 MW: 251.83 MOLFM: C15-H21-N Cl-H
SYN: alpha-5,9-DIMETHYL-2(N)-METHYL-6,7-BENZOMORPHAN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
scu-mus LD50:155 mg/kg 31ZPAG 2,131,66

2,6-METHANO-3-BENZAZOCIN-8-OL, 3-(CYCLOPROPYLMETHYL)-1,2,3,4,5,6-HEXAHYDRO-6,11-DIMETHYL- see: PB8585000

PB8585000 2,6-METHANO-3-BENZAZOCIN-8-OL, 1,2,3,4,5,6-HEXAHYDRO-3-(C''CLOPROPYLMETHYL)-6,11-DIMETHYL-
UPDT:8412 CAS: 3572-80-3 MW: 271.44 MOLFM: C18-H25-N-O
SYN: CYCLAZOCINE * 2-CYCLOPROPYLMETHYL-5,9-DIMETHYL-2'-HYDROXY-6,7-BENEOMORPHAN * 3-CYCLOPROPYLMETHYL-6(eq),11(ax)-DIMETHYL-2,6-METHANO-3-BENZAZOCIN-8-OL * 3-(CYCLOPROPYLMETHYL)1-1,2,3,4,5,6-HEXAHYDRO-6,11-DIMETHYL-2,6-METHANO-3-BENZAZOCIN-8-OL * 2-CYCLOPROPYLMETHYL-2'-HYDROXY-5,9-DIMETHYL-6,7-BENZOMORPHAN * 2,6-METHANO-3-BENZAZOCIN-8-OL, 3-(CYCLOPROPYLMETHYL)-1,2,3,4,5,6-HEXAHYDRO-6,11-DIMETHYL * NIH 7981 * NSC-107429 * WIN 20740
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T27 orl-rbt TDLo:13 mg/kg (6-18D preg) TXAPA9 31,534,75
TOXICITY DATA AND REFERENCES:
scu-rat LD50:310 mg/kg JPETAB 143,141,64
ivn-rat LD50:32 mg/kg AIPTAK 165,112,67
ipr-mus LDLo:10 mg/kg RCOCB8 17,255,77
1F29 scu-mus LD50:153 mg/kg AIPTAK 241,79,79
ivn-mus LD50:28 mg/kg AIPTAK 165,112,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB8614000 2,6-METHANO-3-BENZAZOCIN-8-OL, 1,2,3,4,5,6-HEXAHYDRO-6,11-DIETHYL-3-(3-FURANYLMETHYL)-, HYDROCHLORIDE, (2a,6a,11R*)-, (+-)-
UPDT:8411 CAS: 61849-15-8 MW: 361.95 MOLFM: C21-H27-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:248 mg/kg ARZNAD 26,2009,76

PB8707000 2,6-METHANO-3-BENZAZOCIN-8-OL, 1,2,3,4,5,6-HEXAHYDRO-6,11-DIMETHYL-3-(3-FURANYLMETHYL)-, (2R-(2-alpha,6-alpha,11R*))-, METHANESULFONATE (SALT)
UPDT:8411 CAS: 61849-16-9 MW: 393.54 MOLFM: C19-H23-N-O2 C-H4-O3-S
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:110 mg/kg ARZNAD 26,2009,76

PB8750000 2,6-METHANO-3-BENZAZOCIN-8-OL, 1,2,3,4,5,6-HEXAHYDRO-6,11-DIMETHYL-3-(3-METHYL-2-BUTENYL)-
UPDT:8412 CAS: 359-83-1 MW: 285.47 MOLFM: C19-H27-N-O
SYN: II-C-2 * 2-(3,3-DIMETHYLALLYL)CYCLAZOCINE * 2-DIMETHYLALLYL-5,9-DIMETHYL-2'-HYDROXYBENZOMORPHAN * 2-(3,3-DIMETHYLALLYL)-2',2'-HYDROXY-5,9-DIMETHYL-6,7-BENZOMORPHAN * FORTALGESIC * FORTALIN * FORTRAL * 2'-HYDROXY-5,9-DIMETHYL-2-(3,3-DIMETHYLALLYL)-6,7-BENZOMORPHAN * dl-2'-HYDROXY-5,9-DIMETHYL-2-(3,3-DIMETHYLALLYL)-6,7-BENZOMORPHAN * LITICON * 3-(3-METHYL-2-BUTENYL)-1,2,3,4,5,6-HEXAHYDRO-6,11-DIMETHYL-2,6-METHANO-3-BENZAZOCIN-8-OL * NIH 7958 * NSC-107430 * PENTAGIN * PENTAZOCINE * SOSIGON * TALWAN * TALWIN * WIN 20228
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ipr-rat TDLo:1500 mg/kg (30D pre) IYKEDH 13,176,82
1T02 ipr-rat TDLo:1820 mg/kg (26W male) IYKEDH 13,261,82
1T02 scu-rat TDLo:1500 mg/kg (30D male) IYKEDH 13,153,82
1T13 scu-rat TDLo:1500 mg/kg (30D pre) IYKEDH 13,153,82
1T09 scu-rat TDLo:10800 ug/kg (1D male) JPETAB 198,340,76
1T12 ims-rat TDLo:1500 mg/kg (30D pre) IYKEDH 13,198,82
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:18 mg/kg CTOXAO 10,327,77
3F17F18R03 ims-wmn TDLo:1400 mg/kg/3Y JAMAAP 231,271,75
2F29F31 ivn-hmn TDLo:300 mg/kg/D BMJOAE 2,21,78
3F03F08F13 ivn-man TDLo:3 mg/kg/2D-I JPETAB 143,149,64
3F06F08K13 ims-hmn TDLo:571 ug/kg JPETAB 143,149,64
* scu-rat LD50:61 mg/kg AMOKAG 35,179,81
ivn-rat LD50:21 mg/kg 31ZPAG 2,174,66
ims-rat LD50:175 mg/kg AIPTAK 190,124,71
* orl-mus LD50:205 mg/kg AMOKAG 35,179,81
3F05F19F29 ipr-mus LD50:85 mg/kg CPBTAL 24,2912,76
* scu-mus LD50:80 mg/kg AMOKAG 35,179,81
* ivn-mus LD50:19800 ug/kg NIIRDN 6,777,82
ims-mus LD50:98 mg/kg AIPTAK 190,124,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLCHAU 19,361,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB9080680 1,6-METHANO-1H-4-BENZAZONINE-9,10-DIOL, 2,3,4,5,6,7-HEXAHYDRO-1,4-DIMETHYL-, HYDROBROMIDE (1S)-
UPDT:8305 CAS: 75023-03-9 MW: 328.29 MOLFM: C15-H21-N-O2 Br-H
SYN: (-)-1,4-DIMETHYL-9,10-DIHYDROXY-2,3,4,5,6,7-HEXAHYDRO-1,6-METHANO-1H-4-BENZAZONINE HBr
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:584 mg/kg YKKZAJ 100,509,80
* ivn-mus LD50:150 mg/kg YKKZAJ 100,509,80

PB9082000 1,6-METHANO-1H-4-BENZAZONIN-10-OL, 2,3,4,5,6,7-HEXAHYDRO-1,4-DIMETHYL-, HYDROBROMIDE, (-)-
UPDT:8406 CAS: 72150-17-5 MW: 312.29 MOLFM: C15-H21-N-O Br-H
SYN: (-)-1,4-DIMETHYL-10-HYDROXY-2,3,4,5,6,7-HEXAHYDRO-1,6-METHANO-1H-4-BENZAZONINE HYDROBROMIDE * l-1,4-DIMETHYL-10-HYDROXY-2,3,4,5,6,7-HEXAHYDRO-1,6-METHANO-1H-4-BENZAZONINE HYDROBROMIDE * (-)-2,3,4,5,6,7-HEXAHYDRO-1,4-DIMETHYL-1,6-METHANO-1H-4-BENZAZONIN-10-OL HYDROBROMIDE * 1-ST-2121
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T12 scu-rat TDLo:928 mg/kg (26W pre) OYYAA2 20,315,80
1T02 scu-rat TDLo:2400 mg/kg (30D male) OYYAA2 20,299,80
3T34T46T81 scu-mus TDLo:750 mg/kg (6-15D preg) OYYAA2 20,511,80
2T85T86 scu-mus TDLo:150 mg/kg (6-15D preg) OYYAA2 20,511,80
2T16T81 scu-mus TDLo:375 mg/kg (15-19D preg/21D post) OYYAA2 20,703,80
1T46 scu-rbt TDLo:39 mg/kg (6-18D preg) OYYAA2 20,803,80
TOXICITY DATA AND REFERENCES:
3C16F17J25 orl-rat LD50:320 mg/kg OYYAA2 20,299,80
3C16F17J25 ipr-rat LD50:96 mg/kg OYYAA2 20,299,80
3C16F17J25 scu-rat LD50:540 mg/kg OYYAA2 20,299,80
3C16F17J25 ivn-rat LD50:64 mg/kg OYYAA2 20,299,80
3C16F17J25 ims-rat LD50:253 mg/kg OYYAA2 20,299,80
3C16F17J25 orl-mus LD50:310 mg/kg OYYAA2 20,299,80
3C16F17J25 ipr-mus LD50:102 mg/kg OYYAA2 20,299,80
3C16F17J25 scu-mus LD50:124 mg/kg OYYAA2 20,299,80
3C16F17J25 ivn-mus LD50:75 mg/kg OYYAA2 20,299,80
3C16F17J25 ims-mus LD50:135 mg/kg OYYAA2 20,299,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB9083890 1,6-METHANO-1H-4-BENZAZONIN-10-OL, 2,3,4,5,6,7-HEXAHYDRO-1-METHYL-, HYDROBROMIDE, (1S)-
UPDT:8305 CAS: 74958-13-7 MW: 298.26 MOLFM: C14-H19-N-O Br-H
SYN: (1S)-1-METHYL-2,3,4,5,6,7-HEXAHYDRO-1,6-METHANO-1H-4-BENZAZONIN-10-OL HYDROBROMIDE * (-)-1-METHYL-10-HYDROXY-2,3,4,5,6,7-HEXAHYDRO-1,6-METHANO-1H-4-BENZAZONINE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:185 mg/kg YKKZAJ 100,509,80
* ivn-mus LD50:56 mg/kg YKKZAJ 100,509,80

PB9100000 4,7-METHANOBENZOTRITHIOLE, HEXAHYDRO-
UPDT:8307 CAS: 23657-27-4 MW: 188.33 MOLFM: C7-H8-S3
SYN: 3,4,5-TRITHIATRICYCLO(5.2.1.0(sup 2,6))DECANE WoiCS# 13NOV73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:300 mg/kg TXAPA9 28,313,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB9183000 5H-5a,8-METHANO-11H-CYCLOHEPTA(c)FURO(3,4-e)(1)BENZOPYRAN-5,6(7H)-DIONE, DECAHYDRO-2, 13-DIHYDROXY-1,1-DIMETHYL-7-METHYLENE-, (2S,3aS,5aS,7R,8R,10aS,10bS,13R,13aR)-
UPDT:8306 CAS: 14237-76-4 MW: 362.46 MOLFM: C20-H26-O6
SYN: ENMEIN * ISODONIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:145 mg/kg 85GDA2 8(2),158,82

PB9185000 8,11a-METHANO-11aH-CYCLOHEPTA(a)NAPHTHALENE-4,9-DIMETHANOL, TETRADECAHYDRO-3,9-DIHYDROXY-4, 11b-DIMETHYL-, (3R-(3-alpha,4-alpha,4a-alpha,6a-beta,8-beta,9-beta,11a-beta,11b-beta)-
UPDT:8412 CAS: 38966-21-1 MW: 338.54 MOLFM: C20-H34-O4
SYN: APHIDICOLIN * ICI 69653 * NSC-234714
MUTATION DATA AND REFERENCES:
dni-omi 20 mg/L JOBAAY 159,800,84
dnd-smc 500 ug/L AMACCQ 18,50,80
dns-hmn:fbr 5 mg/L MUREAV 92,379,82
dns-hmn:hla 5 mg/L MUREAV 92,379,82
dni-hmn:leu 400 nmol/L PAACA3 24,19,83
dni-hmn:hla 5 mg/L GANNA2 73,63,82
dni-hmn:lym 58 ug/L CNREA8 42,3810,82
dni-hmn:bmr 42 ug/L CNREA8 42,3810,82
dni-hmn:oth 75 ug/L CNREA8 42,3810,82
dni-hmn:fbr 5 mg/L MUREAV 92,379,82
dni-hmn:emb 100 umol/L CRNGDP 3,1171,82
cyt-hmn:lym 5 mg/L MUREAV 92,379,82
dnd-mus:leu 10 umol/L CNREA8 42,4050,82
dni-mus:oth 1 mg/L BBRCA9 106,1448,82
cyt-ham:ovr 5 mg/L MUREAV 92,379,82
dni-mam:oth 1 umol/L MUREAV 120,139,83

PB9189000 1H-2,8a-METHANOCYCLOPENTA(a)CYCLOPROPA(e)CYCLODECEN-11-ONE, 2,5,5a,6,9,10,10a,1a-OCTAHYDRO- 4-HYDROXYMETHYL-1,1,7,9-TETRAMETHYL-5,5a,6-TRIHYDROXY-, 5-HEXADECANOATE
UPDT:8401 CAS: 37394-33-5 MW: 586.94 MOLFM: C36-H58-O6
SYN: INGENANE HEXADECANOATE
IRRITATION DATA AND REFERENCES:
skn-mus 82 ng MLD 85CVA2 5,213,70
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:36 mg/kg/12W-I 85CVA2 5,213,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB9190000 7,9a-METHANO-9aH-CYCLOPENTA(b)-HEPTALENE-2,4,8,11,11a,12(1H)-HEXOL, DODECAHYDRO-, 1,4,8- TETRAMETHYL-, (2S,3aS,4R,4aR,7R,8R,9aS,11R,11aR,12R)-
UPDT:8403 CAS: 4678-45-9 MW: 370.54 MOLFM: C20-H34-O6
SYN: ANDROMEDOL * DEACETYLANDROMEDOTOXIN * G-III * GRAYANOTOXANE-3,5,6,10,14,16-HEXOL (3-beta,6-beta,14R)- * GRAYANOTOXIN III
TOXICITY DATA AND REFERENCES:
3F17F19F23 ipr-mus LD50:840 mg/kg TXAPA9 35,303,76
2F12J30 ivn-gpg LD50:400 ug/kg ARTODN 44,259,80

PB9195000 7,9a-METHANO-9aH-CYCLOPENTA(b)-HEPTALENE-2,4,8,11,11a,12(1H)-HEXOL, DODECAHYDRO-1,1,4,8- TETRAMETHYL-, 12-ACETATE (2S,3aS,4R,4aR,7R,8R,9aS,11R,11aR,12R)-
UPDT:8406 CAS: 4720-09-6 MW: 412.58 MOLFM: C22-H36-O7
SYN: ACETYLLANDROMEDOL * ANDROMEDOTOXIN * ASEBOTOXIN * G-I * GRAYANOTOXANE-3,5,6,10,14,16-HEXOL 14-ACETATE * GRAYANOTOXANE-3,5,6,10,14,16-HEXOL, 14-ACETATE, (3-beta,6-beta,14R)- * GRAYANOTOXIN I * RHODOTOXIN
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1310 ug/kg TXAPA9 35,303,76
1J30 scu-mus LD50:148 ug/kg JJPAAZ 6,46,56
1J30 ivn-cat LDLo:400 ug/kg JJPAAZ 6,46,56
1J30 ivn-rbt LDLo:270 ug/kg JJPAAZ 6,46,56
2F12J30 ivn-gpg LD50:1300 ug/kg ARTODN 44,259,80

1J30 par-frg LD50:3899 ug/kg JJPAAZ 6,46,56

PB9197000 7,9a-METHANO-9aH-CYCLOPENTA(b)HEPTALENE-2,4,8,11,11a,12(1H)-HEXOL, DODECAHYDRO-1,1,4,8- TETRAMETHYL-, 12-BENZOATE, (2S,3aS,4R,4aR,7R,8R,9aS,11R,11aR,12R)-
UPDT:8311 CAS: 84849-15-0 MW: 487.67 MOLFM: C28-H39-O7
TOXICITY DATA AND REFERENCES:
2G30J30 ivn-gpg LD50:1350 ug/kg JMCMAR 26,851,83

PB9197500 7,9a-METHANO-9aH-CYCLOPENTA(b)HEPTALENE-2,4,8,11,11a,12(1H)-HEXOL, DODECAHYDRO-1,1,4,8- TETRAMETHYL-, 12-BUTYRATE, (2S,3aS,4R,4aR,7R,8R,9aS,11R,11aR,12R)-
UPDT:8311 CAS: 84849-09-2 MW: 453.66 MOLFM: C25-H41-O7
TOXICITY DATA AND REFERENCES:
2G30J30 ivn-gpg LD50:120 ug/kg JMCMAR 26,851,83

PB9198500 7,9a-METHANO-9aH-CYCLOPENTA(b)HEPTALENE-2,4,8,11,11a,12(1H)-HEXOL, DODECAHYDRO-1,1,4,8- TETRAMETHYL-, 12-(3-CHLOROPROPIONATE), (2S,3aS,4R,4aR,7R,8R,9aS,11R,11aR,12R)-
UPDT:8311 CAS: 84849-13-8 MW: 474.07 MOLFM: C24-H38-Cl-O7
TOXICITY DATA AND REFERENCES:
2G30J30 ivn-gpg LD50:170 ug/kg JMCMAR 26,851,83

PB9199000 7,9a-METHANO-9aH-CYCLOPENTA(b)HEPTALENE-2,4,8,11,11a,12(1H)-HEXOL, DODECAHYDRO-1,1,4,8- TETRAMETHYL-, 12-CYCLOHEXANECARBOXYLATE, (2S,3aS,4R,4aR,7R,8R,9aS,11R,11aR,12R)-
UPDT:8311 CAS: 84849-14-9 MW: 493.73 MOLFM: C28-H45-O7
TOXICITY DATA AND REFERENCES:
2G30J30 ivn-gpg LD50:310 ug/kg JMCMAR 26,851,83

PB9200100 7,9a-METHANO-9aH-CYCLOPENTA(b)HEPTALENE-2,4,8,11,11a,12(1H)-HEXOL, DODECAHYDRO-1,1,4,8- TETRAMETHYL-, 12-(2,2-DIMETHYLPROPIONATE), (2S,3aS,4R,4aR,7R,8R,9aS,11R,11aR,12R)-
UPDT:8311 CAS: 84849-16-1 MW: 467.69 MOLFM: C26-H43-O7
TOXICITY DATA AND REFERENCES:
2G30J30 ivn-gpg LD50:360 ug/kg JMCMAR 26,851,83

PB9200300 7,9a-METHANO-9aH-CYCLOPENTA(b)HEPTALENE-2,4,8,11,11a,12(1H)-HEXOL, DODECAHYDRO-1,1,4,8- TETRAMETHYL-, 12-HEXANOATE, (2S,3aS,4R,4aR,7R,8R,9aS,11R,11aR,12R)-
UPDT:8311 CAS: 84849-11-6 MW: 481.72 MOLFM: C27-H45-O7
TOXICITY DATA AND REFERENCES:
2G30J30 ivn-gpg LD50:340 ug/kg JMCMAR 26,851,83

PB9200500 7,9a-METHANO-9aH-CYCLOPENTA(b)HEPTALENE-2,4,8,11,11a,12(1H)-HEXOL, DODECAHYDRO-1,1,4,8- TETRAMETHYL-, 12-LACTATE, (2S,3aS,4R,4aR,7R,8R,9aS,11R,12R)-
UPDT:8311 CAS: 84893-93-6 MW: 455.63 MOLFM: C24-H39-O8
TOXICITY DATA AND REFERENCES:
2G30J30 ivn-gpg LD50:80 ug/kg JMCMAR 26,851,83

PB9201300 7,9a-METHANO-9aH-CYCLOPENTA(b)HEPTALENE-2,4,8,11,11a,12(1H)-HEXOL, DODECAHYDRO-1,1,4,8- TETRAMETHYL-, 12-VALERATE, (2S,3aS,4R,4aR,7R,8R,9aS,11R,11aR,12R)-
UPDT:8311 CAS: 84849-10-5 MW: 427.29 MOLFM: C26-H3-O7
TOXICITY DATA AND REFERENCES:
2G30J30 ivn-gpg LD50:170 ug/kg JMCMAR 26,851,83

PB9220000 7,9a-METHANO-9aH-CYCLOPENTA(b)HEPTALENE-2,8,11,11a,12(1H)-PENTOL, DODECAHYDRO-1,1,8- TRIMETHYL-4-METHYLENE-, (2S,3aS,4aS,7R,8R,9aS,11R,11aR,12R)-
UPDT:8403 CAS: 4678-44-8 MW: 352.52 MOLFM: C20-H32-O5
SYN: delta(sup 10 (18))-ANDROMEDENOL * DEACETYLANHYDROANDROMEDOTOXIN * G-II * GRAYANOTOX-10(20)-ENE-3,5,6,14,16-PENTOL, (3-beta,6-beta,14R)- * GRAYANOTOXIN II
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:26 mg/kg TXAPA9 35,303,76

7,14-METHANO-2H,6H-DIPYRIDO(1,2-a:1',2'-e)(1,5)DIAZOCINE, DODECAHYDRO- see: WG5950000

9a,11a-METHANOEPOXY-15-HYDROXYPROSTA-5,13-DIENOIC ACID see: MJ9681090

PB9268000 1,5-METHANO-11H-FURO(3,2-g)PYRANO(3,2-b)XANTHENE-3a(4H)-CROTONALDEHYDE, 1,2,5,7-TETRAHYDRO- 8-HYDROXY-alpha,2,2,11,11-PENTAMETHYL-13-(3-METHYL-2-BUTENYL)-4,7-DIOXO-, trans-
UPDT:8308 CAS: 1183-12-6 MW: 544.69 MOLFM: C33-H36-O7
SYN: MORELLIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg 85GDA2 8(1),329,82

PB9268200 1,5-METHANO-1H,3H,11H-FURO(3,4-g)PYRANO(3,2-b)XANTHENE-1-CROTONIC ACID, 3a,4,5,7-TETRAHYDRO- 8-HYDROXY-alpha,3,3,11-TETRAMETHYL-13-(3-METHYL-2-BUTENYL)-11-(4-METHYL-3-PENTENYL)-7,15- DIOXO-, (Z)-
UPDT:8308 CAS: 2752-65-0 MW: 628.82 MOLFM: C38-H44-O8
SYN: CAMBOGIC ACID * beta-GUTTIFERIN * B'-GUTTIFERIN
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:354 mg/kg 85GDA2 8(1),331,82

METHANOIC ACID see: LQ4900000

PB9450000 4,7-METHANOINDAN, 1,4,5,6,7,8,8-HEPTACHLORO-2,3-EPOXY-3a,4,7,7a-TETRAHYDRO-
UPDT:8401 CAS: 1024-57-3 MW: 389.30 MOLFM: C10-H5-Cl7-O
SYN: ENT 25,584 * EPOXYHEPTACHLOR * HCE * HEPTACHLOR EPOXIDE * 1,4,5,6,7,8,8-HEPTACHLORO-2,3-EPOXY-2,3,3a,4,7,7a-HEXAHYDRO-4,7-METHANOINDENE * 1,4,5,6,7,8,8-HEPTACHLORO-2,3-EPOXY-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDAN * 2,3,4,5,6,7,7-HEPTACHLORO-1a,1b,5,5a,6,6a-HEXAHYDRO-2,5-METHANO-2H-INDENO(1,2-b)OXIRENE * HIPTACHLOR EPOXIDE * 2,5-METHANO-2H-OXIRENO(a)INDENE, 2,3,4,5,6,7,7-HEPTACHLORO-1a,1b,5,5a,6,6a-HEXAHYDRO- * VELSICOL 53-CS-17
MUTATION DATA AND REFERENCES:
mma-hmn:fbr 10 umol/L MUREAV 42,161,77
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-mus TDLo:580 mg/kg/69W-C ARTODN 38,163,77
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:47 mg/kg ARSIM* 20,27,66
* orl-mus LD50:39 mg/kg ARSIM* 20,27,66
ivn-mus LDLo:10 mg/kg JPETAB 107,266,53
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTOXAO 13,231,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 20,129,79
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 5,173,74
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 20,129,79
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB9520000 4,7-METHANOINDAN, 1,4,5,6,7,8,8-HEPTACHLORO-3a,4,7,7a-TETRAHYDRO-
UPDT:8309 CAS: 2589-15-3 MW: 375.32 MOLFM: C10-H7-Cl7
SYN: ENT 27,313 * 1,4,5,6,7,8,8-HEPTACHLORO-3a,4,5,6,7,7a-HEXAHYDRO-4,7-METHANO-1H-INDENE * 4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3a,4,5,6,7,7a-HEXAHYDRO- * SD 10576 * SHELL SD 10576
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2000 mg/kg ARSIM* 20,21,66
orl-mus LD50:2000 mg/kg ARSIM* 20,21,66

PB9520100 4,7-METHANOINDAN, 2-alpha,4-beta,5,6,7-beta,8,8-HEPTACHLORO-3a-alpha,4,7,7a-alpha- TETRAHYDRO-
UPDT:8407 CAS: 14168-01-5 MW: 375.32 MOLFM: C10-H7-Cl7
SYN: GL 2487 * beta-DHC * beta-DIHYDROHEPTACHLOR * DILOR
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2000 mg/kg VETNAL 52(7),100,76
* orl-mus LD50:1890 mg/kg VETNAL 52(7),100,76
* orl-ckn LD50:2000 mg/kg VETNAL 52(7),100,76

PB9600000 4,7-METHANOINDAN, HEXAHYDRO-, exo-
UPDT:8402 CAS: 2825-82-3 MW: 136.26 MOLFM: C10-H16
SYN: exo-HEXAHYDRO-4,7-METHANOINDAN * JP-10 * 4,7-METHANO-1H-INDENE, OCTAHYDRO-, (3a-alpha,4-beta,7-beta,7a-alpha)- (9CI) * exo-TETRAHYDROBICYCLOPENTADIENE * exo-TETRAHYDRODI(CYCLOPENTADIENE) * exo-TRICYCLO(5.2.1.0(sup 2,6))DECANE * exo-TRIMETHYLENENORBORNANE * exo-5,6-TRIMETHYLENENORBORNANE
MUTATION DATA AND REFERENCES:
cyt-ham:ovr 1 mg/L NTIS** AD-A124785
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:5 gm/kg (6-15D preg) DCTODJ 6,181,83
1T25 orl-rat TDLo:10 gm/kg (6-15D preg) DCTODJ 6,181,83
TOXICITY DATA AND REFERENCES:
1F12 orl-mus LD50:3660 mg/kg NTIS** AD-A086-341
3D25F11F12 ihl-mus LCLo:900 ppm/4H DCTODJ 6,181,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB9625000 4,7-METHANOINDAN, HEXAHYDRO-1,8-DIAMINO-
UPDT:8307 CAS: 6818-18-4 MW: 227.27 MOLFM: C10-H15-N2-O4
SYN: 3,10-DIAMINOTRICYCLO(5.2.1.0(sup 2,6))DECANE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1070 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:530 mg/kg TXAPA9 28,313,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB9700000 4,7-METHANOINDAN, alpha-1,2,4,5,6,7,8,8-OCTACHLORO-3a,4,7,7a-TETRAHYDRO-
UPDT:8403 MW: 409.76 MOLFM: C10-H6-Cl8
SYN: alpha-CHLORDANE * alpha-1,2,4,5,6,7,8,8-OCTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDANE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:9 mg/kg (3D pre) JTEHD6 3,713,77
1T12 scu-mus TDLo:18 mg/kg (3D pre) JTEHD6 3,713,77
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:290 mg/kg TXAPA9 23,288,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB9800000 4,7-METHANOINDAN, 1,2,4,5,6,7,8,8-OCTACHLORO-3a,4,7,7a-TETRAHYDRO-
UPDT:8412 CAS: 57-74-9 MW: 409.76 MOLFM: C10-H6-Cl8
SYN: ASPON-CHLORDANE * BELT * CD 68 * CHLOORDAAN (Dutch) * CHLORDAN * gamma CHLORDAN * CHLORDANE * CHLORDANE, LIQUID (DOT) * CHLORINDAN * CHLOR KIL * CHLORODANE * CHLORTOX * CLORDAN (Italian) * CORODANE * CORTILAN-NEU * DICHLOROCHLORDENE * DOWCHLOR * ENT 9,932 * ENT 25,552-X * HCS 3260 * KYPCHLOR * M 140 * M 410 * 4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3a,4,7,7a-HEXAHYDRO- * NA 2762 (DOT) * NCI-C00099 * NIRAN * OCTACHLOR * OCTACHLORODIHYDRODICYCLOPENTADIENE * 1,2,4,5,6,7,8,8-OCTACHLOR-2,3,3a,4,7,7a-HEXAHYDRO-4,7-METHANOINDANE * 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3a,4,7,7a-HEXAHYDRO-4,7-METHANOINDENE * 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3a,4,7,7a-HEXAHYDRO-4,7-METHANO-1H-INDENE * 1,2,4,5,6,7,8,8-OCTACHLORO-3a,4,7,7a-HEXAHYDRO-4,7-METHYLENE INDANE * OCTACHLORO-4,7-METHANOHYDROINDANE * OCTACHLORO-4,7-METHANOTETRAHYDROINDANE * 1,2,4,5,6,7,8,8-OCTACHLORO-4,7-METHANO-3a,4,7,7a-TETRAHYDROINDANE * 1,2,4,5,6,7,8,8-OCTACHLOOR-3a,4,7,7a-TETRAHYDRO-4,7-endo-METHANO-INDAAN (Dutch) * 1,2,4,5,6,7,8,8-OCTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDAN * 1,2,4,5,6,7,8,8-OCTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDANE * 1,2,4,5,6,7,10,10-OCTACHLORO-4,7,8,9-TETRAHYDRO-4,7-METHYLENEINDANE * 1,2,4,5,6,7,8,8-OCTACHLOR-3a,4,7,7a-TETRAHYDRO-4,7-endo-METHANO-INDAN (German) * OCTA-KLOR * OKTATERR * 1,2,4,5,6,7,8,8-OTTOCHLORO-3a,4,7,7a-TETRAIDRO-4,7-endo-METANO-INDANO (Italian) * ORTHO-KLOR * RCRA WASTE NUMBER U036 * SD 5532 * SHELL SD-5532 * SYNKLOR * TAT CHLOR 4 * TOPICHLOR 20 * TOPICLOR * TOPICLOR 20 * TOXICHLOR * VELSICOL 1068
MUTATION DATA AND REFERENCES:
sce-ofs-mul 54 pmol/L MUREAV 118,61,83
dns-hmn:fbr 1 umol/L MUREAV 42,161,77
sce-hmn:lym 10 umol/L ARTODN 52,221,83
msc-ham:lng 10 umol/L CBINA8 19,369,77
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T52T83 orl-mus TDLo:3360 ug/kg (1-21D preg) JEPTDQ 2(2),357,78
1T54 orl-mus TDLo:152 mg/kg (1-19D preg) TXAPA9 62,402,82
1T85 orl-mus TDLo:7 mg/kg (15-21D preg) BJPCBM 49,311,73
1T91 unk-mus TDLo:168 mg/kg (1-21D preg) APTOD9 19,A18,80
1T54 unk-mus TDLo:168 mg/kg (1-21D preg) TJADAB 19,23A,79
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-mus TDLo:2020 mg/kg/80W-C NCITR* NCI-CG-TR-8,77
2V01L60 orl-mus TD :3780 mg/kg/80W-C NCITR* NCI-CG-TR-8,77
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:40 mg/kg CMEP** -,1,56
unk-man LDLo:118 mg/kg 85DCAI 2,73,70
* orl-rat LD50:283 mg/kg DOEAAH 35,25,79
* skn-rat LD50:690 mg/kg JAVMA4 157,1835,70
ipr-rat LD50:343 mg/kg TXAPA9 32,443,75
* orl-mus LD50:145 mg/kg ARSIM* 20,19,66
ipr-mus LDLo:240 mg/kg TXAPA9 23,288,72
* ivn-mus LD50:100 mg/kg CSLNX* NX#04876
ihl-cat LC50:100 mg/m3/4H GTPZAB 8(4),30,64
orl-rbt LD50:100 mg/kg PCOC** -,226,66
skn-rbt LD50:780 mg/kg 85DPAN -,-,71/76
ivn-rbt LDLo:10 mg/kg AIHOAX 1,13,50
orl-ham LD50:1720 mg/kg EJTXAZ 7,159,74
orl-ckn LD50:220 mg/kg PCOC** -,226,66
* orl-dck LD50:1200 mg/kg DOEAAH 35,25,79
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CNDQAB 10(3),43,75; RREVAH 56,107,75; BNYMAM 54,413,78; CTOXAO 13,231,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 20,45,79
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 20,45,79
★ TLV-TWA 500 ug/m3; STEL 2 mg/m3 DTLVS* 4,78,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug/m3 (skin) (SCP-S) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-8,77)

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-8,77)
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 S278
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PB9805000 4,7-METHANOINDAN, 2,2,4,5,6,7,8,8-OCTACHLORO-3a,4,7,7a-TETRAHYDRO-,
UPDT:8403 CAS: 5566-34-7 MW: 409.76 MOLFM: C10-H6-Cl8
SYN: gamma-CHLORDAN * trans-CHLORDAN * gamma(trans)-CHLORDANE * 4,7-METHANO-1H-INDENE, 2,2,4,5,6,7,8,8-OCTACHLORO-2,3,3a,4,7,7a-HEXAHYDRO- (9CI) * 2,2,4,5,6,7,8,8-OCTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDAN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 ipr-mus TDLo:100 mg/kg (1D preg) BECTA6 17,559,77
2T12T13 scu-mus TDLo:18 mg/kg (3D pre) JTEHD6 3,713,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PC0350000 4,7-METHANOINDAN-5(4H)-ONE, TETRAHYDRO-
UPDT:8307 CAS: 13380-94-4 MW: 150.24 MOLFM: C10-H14-O
SYN: CORODANE * 8-KETOTRICYCLO(5.2.1.0(sup 2,6))DECANE * 8-OXOTRICYCLO(5.2.1.0(sup 2,6))DECANE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:710 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:1260 mg/kg TXAPA9 28,313,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PC0400000 4,7-METHANOINDENE, 1-BROMO-4,5,6,7,8,8-HEXACHLORO-3a,4,7,7a-TETRAHYDRO-
UPDT:8309 CAS: 3186-23-0 MW: 417.76 MOLFM: C10-H5-Br-Cl6
SYN: 1-BROMOCHLORDENE * 1-BROMO-4,5,6,7,8,8-HEXACHLORO-3,4,7,7A-TETRAHYDRO-4,7-METHANO-1H-INDENE * ENT 25,960
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1040 mg/kg ARSIM* 20,27,66

PC0470000 4,7-METHANOINDENE-6-CARBOXYLIC ACID, 3a,4,5,6,7,7a-HEXAHYDRO-, ETHYL ESTER
UPDT:8305 CAS: 17511-60-3 MW: 206.31 MOLFM: C13-H18-O2
SYN: CYCLAPROP * TRICYCLODECENYL PROPIONATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,911,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PC0510000 4,7-METHANO-1H-INDENE-1,3(2H)-DIONE, 3a,7a-DICHLORO-2-(DICHLOROMETHYLENE)-3a,4,7,7a- TETRAHYDRO-
UPDT:8402 CAS: 55739-78-1 MW: 311.97 MOLFM: C11-H6-Cl4-O2
SYN: 2-DICHLOROMETHYLENE-3a,7a-DICHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDENE-1,3-DIONE * EF 2
MUTATION DATA AND REFERENCES:
cyt-mus-unk 10 mg/kg TGANAK 16(1),45,82
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:450 mg/kg TGANAK 16(1),45,82

4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3a,4,5,6,7,7a-HEXAHYDRO- see: PB9520000

PC0700000 4,7-METHANOINDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3a,4,7,7a-TETRAHYDRO-
UPDT:8412 CAS: 76-44-8 MW: 373.30 MOLFM: C10-H5-Cl7
SYN: AGROCERES * 3-CHLOROCHLORDENE * DICYCLOPENTADIENE, 3,4,5,6,7,8,8a-HEPTACHLORO- * DRINOX * DRINOX H-34 * E 3314 * ENT 15,152 * EPTACLORO (Italian) * 1,4,5,6,7,8,8-EPTACLORO-3a,4,7,7a-TETRAIDRO-4,7-endo-METANO-INDENE (Italian) * GPKh * H * H-34 * HEPTACHLOOR (Dutch) * 1,4,5,6,7,8,8-HEPTACHLOOR-3a,4,7,7a-TETRAHYDRO-4,7-endo-METHANO-INDEEN (Dutch) * HEPTACHLOR * HEPTACHLOR (DOT) * HEPTACHLORE (French) * 3,4,5,6,7,8,8-HEPTACHLORODICYCLOPENTADIENE * 3,4,5,6,7,8,8a-HEPTACHLORODICYCLOPENTADIENE * 1,4,5,6,7,8,8-HEPTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-ENDOMETHANOINDENE * 1,4,5,6,7,8,8a-HEPTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDANE * 1,4,5,6,7,8,8-HEPTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDENE * 1(3a),4,5,6,7,8,8-HEPTACHLORO-3a(1),4,7,7a-TETRAHYDRO-4,7-METHANOINDENE * 1,4,5,6,7,8,8-HEPTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOL-1H-INDENE * 1,4,5,6,7,8,8-HEPTACHLORO-3a,4,7,7,7a-TETRAHYDRO-4,7-METHYLENE INDENE * 1,4,5,6,7,10,10-HEPTACHLORO-4,7,8,9-TETRAHYDRO-4,7-METHYLENEINDENE * 1,4,5,6,7,10,10-HEPTACHLORO-4,7,8,9-TETRAHYDRO-4,7-ENDOMETHYLENEINDENE * 1,4,5,6,7,8,8-HEPTACHLOR-3a,4,7,7,7a-TETRAHYDRO-4,7-endo-METHANO-INDEN (German) * HEPTAGRAN * HEPTAMUL * NA 2761 (DOT) * NCI-C00180 * RCRA WASTE NUMBER P059 * RHODIACHLOR * VELSICOL 104 * VELSICOL HEPTACHLOR
MUTATION DATA AND REFERENCES:
mma-hmn:fbr 100 umol/L MUREAV 42,161,77
cyt-rat-orl 60 ug/kg 34LXAP -,555,76
dlt-rat-orl 60 ug/kg 34LXAP -,555,76
cyt-mus-ipr 5200 ug/kg SOGEBZ 2,80,66
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-mus TDLo:403 mg/kg/80W-C NCITR* NCI-CG-TR-9,77
2V01L60 orl-mus TD :930 mg/kg/80W-C NCITR* NCI-CG-TR-9,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:40 mg/kg PHJOAV 185,361,60
skn-rat LD50:119 mg/kg SPEADM 74-1,-,74
3F11F12F17 ipr-rat LD50:27 mg/kg FCTXAV 11,63,73
orl-mus LD50:68 mg/kg SPEADM 74-1,-,74
* ipr-mus LD50:130 mg/kg SOGEBZ 2,80,66
ivn-mus LDLo:20 mg/kg JPETAB 107,266,53
3F15F13F12 skn-rbt LD50:2000 mg/kg AFDOAQ 16,3,52
orl-gpg LD50:116 mg/kg PCOC** -,576,66
orl-ham LD50:100 mg/kg EJTXAZ 7,159,74
orl-ckn LD50:62 mg/kg TXAPA9 3,521,61
unk-mam LD50:60 mg/kg 30ZDA9 -,59,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 1(1),93,71; CNDQA8 10(3),43,75; RREVAH 56,107,75; BNYMAM 54,413,78; CTOXAO 13,231,78; 85CVA2 5,250,70
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 20,129,79
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 5,173,74
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 20,129,79
★ TLV-TWA 500 ug/m3; STEL 2 mg/m3 (skin) DTLVS* 4,209,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug/m3 (skin) (SCP-T) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-9,77)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-9,77)
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 S287#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4,7-METHANOINDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3a,4,7,7a-TETRAHYDRO- (technical grade) see: PC0750000

PC0750000 4,7-METHANOINDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3a,4,7,7a-TETRAHYDRO- mixed with 1,2,4,5,6, 7,8,8-OCTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDAN (3:1)
DEF:73% HEPTACHLOR, 22% trans-CHLORDANE, and 5% NONACHLOR (NCITR* NCI-CG-TR-9)
UPDT:8401
SYN: HEPTACHLOR (technical grade) * 4,7-METHANOINDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3a,4,7,7a-TETRAHYDRO- (technical grade)
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-mus TDLo:410 mg/kg/80W-C NCITR* NCI-CG-TR-9,77
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:40 mg/kg KSKZAN 16(2),59,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3a,4,7,7a-HEXAHYDRO- see: PB9800000

4,7-METHANO-1H-INDENE, 2,2,4,5,6,7,8,8-OCTACHLORO-2,3,3a,4,7,7a-HEXAHYDRO- (9CI) see: PB9805000

PC1050000 4,7-METHANOINDENE,3a,4,7,7a-TETRAHYDRO-
UPDT:8407 CAS: 77-73-6 MW: 132.22 MOLFM: C10-H12
SYN: BICYCLOPENTADIENE * BISCYCLOPENTADIENE * 1,3-CYCLOPENTADIENE, DIMER * DICYKLOPENTADIEN (Czech) * DICYCLOPENTADIENE * DICYCLOPENTADIENE (DOT) * DIMER CYKLOPENTADIENU (Czech) * 3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDENE * UN 2048 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 10,61,54
skn-rbt 9300 ug/24H open SEV AIHAAP 23,95,62
eye-rbt 500 mg open AMIHBC 10,61,54
eye-rbt 500 mg/24H MOD 28ZPAK -,27,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:353 mg/kg TXAPA9 20,552,71
* ihl-rat LCLo:500 ppm/4H AIHAAP 23,95,62
ipr-rat LD50:200 mg/kg NCIUS* PH 43-64-886,JAN,65
* orl-mus LD50:1041 mg/kg NTIS** AD-A087-257
ipr-mus LD50:200 mg/kg NCIUS* PH 43-64-886,JAN,65
skn-rbt LD50:5080 mg/kg TXAPA9 20,552,71
3F19K01U01 orl-ctl LD50:1200 mg/kg NTIS** AD-A093-673
* ipr-mam LD50:960 mg/kg NTIS** AD-A087-257
* orl-brd LD50:1010 mg/kg NTIS** AD-A087-257
REVIEW AND REFERENCES:
★ TLV-TWA 5 ppm DTLVS* 4,137,80
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0980-0364;8EHQ-0278-0077 P;8EHQ-0378-0097; 8EHQ-0478-0138 P;8EHQ-0678-0180
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PC1075000 4,7-METHANOINDENE, 3a,4,7,7a-TETRAHYDRODIMETHYL-
UPDT:8306 CAS: 26472-00-4 MW: 160.28 MOLFM: C12-H16
SYN: BIS(METHYLCYCLOPENTADIENE) * 4,7-METHANO-1H-INDENE, 3a,4,7,7a-TETRAHYDRODIMETHYL- (9CI) * METHYLCYCLOPENTADIENE DIMER * 3a,4,7,7a-TETRAHYDRODIMETHYL-4,7-METHANOINDENE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:7700 mg/kg GTPZAB 25(5),45,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1081-0419

4,7-METHANO-1H-INDENE, 3a,4,7,7a-TETRAHYDRODIMETHYL- (9CI) see: PC1075000

PC1210000 4,7-METHANOINDEN-6-OL, 3a,4,5,6,7,7a-HEXAHYDRO-, ACETATE
UPDT:8305 CAS: 5413-60-5 MW: 192.28 MOLFM: C12-H16-O2
SYN: DIHYDRO-NORDICYCLOPENTADIENYL ACETATE * 4,7-METHANO-1H-INDEN-6-OL, 3a,4,5,6,7,7a-HEXAHYDRO-, ACETATE (9CI) * TRICYCLODECEN-4-YL 8-ACETATE * VERDYL ACETATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,889,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

4,7-METHANO-1H-INDEN-6-OL, 3a,4,5,6,7,7a-HEXAHYDRO-, ACETATE (9CI) see: PC1210000

PC1220000 4,7-METHANOINDEN-5-OL, HEXAHYDRO-, HYDROGEN PHOSPHATE, exo-(2:1)
UPDT:8307 CAS: 34260-65-6 MW: 366.48 MOLFM: C20-H31-O4-P
SYN: exo-HEXAHYDRO-4,7-METHANOINDEN-5-OL HYDROGEN PHOSPHATE (2:1) * 2-exo-HYDROXY-exo-TRIMETHYLEN-NORBORNANE PHOSPHATE * 4,7-METHANO-1H-INDEN-5-OL, OCTAHYDRO-, HYDROGEN PHOSPHATE, (3a-alpha,4-beta,7-beta,7a-alpha)
TOXICITY DATA AND REFERENCES:
2K12U01 orl-mus LD50:1320 mg/kg MIIGAA 21,473,78

4,7-METHANO-1H-INDEN-5-OL, OCTAHYDRO-, HYDROGEN PHOSPHATE, (3a-alpha,4-beta,7-beta,7a-alpha) see: PC1220000

PC1223000 4,7-METHANOINDENOL, TETRAHYDRO-
UPDT:8307 CAS: 63139-69-5 MW: 148.22 MOLFM: C10-H12-O
SYN: HYDROXYDIHYDROCYCLOPENTADIENE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H AIHAAP 30,470,69
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3250 mg/kg AIHAAP 30,470,69
* skn-rbt LD50:3150 mg/kg AIHAAP 30,470,69

PC1225000 4,7-METHANOISOBENZOFURAN, 1,3,4,5,6,7,8,8-OCTACHLORO-1,3,3a,4,7,7a-HEXAHYDRO-
UPDT:8403 CAS: 297-78-9 MW: 411.73 MOLFM: C9-H4-Cl8-O
SYN: CP 14,957 * ENT 25,545 * ENT 25,545-X * ISOBENZAN * 1,3,4,5,6,8,8-OCTACHLORO-1,3,3a,4,7,7a-HEXAHYDRO-4,7-METHANOISOBENZOFURAN * 1,3,4,5,6,7,8,8-OCTACHLORO-2-OXA-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDENE * 1,3,4,5,6,7,10,10-OCTACHLORO-4,7-endo-METHYLENE-4,7,8,9-TETRAHYDROPHTHALAN * OMTAN * R 6700 * SD 4402 * SHELL 4402 * SHELL WL 1650 * TELODRIN * WL 1650
TUMORIGENIC DATA AND REFERENCES:
3V03J60P60 orl-mus TDLo:71 gm/kg/78W-I NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4800 ug/kg ARSIM* 20,13,66
skn-rat LD50:5 mg/kg WRPCA2 9,119,70
ipr-rat LD50:3560 ug/kg 32ZDAL -,88,70
unk-rat LD50:5 mg/kg 30ZDA9 -,397,71
orl-mus LD50:8400 ug/kg ARSIM* 20,13,66
ipr-mus LD50:8170 ug/kg 32ZDAL -,88,70
ivn-rat LD50:1800 ug/kg AEPPAE 232,227,57
orl-dog LD50:1 mg/kg 32ZDAL -,88,70
orl-cat LD50:5 mg/kg TXAPA9 14,556,69
orl-rbt LD50:4 mg/kg 32ZDAL -,88,70
skn-rbt LD50:12 mg/kg PCOC** -,1099,66
orl-gpg LD50:2000 ug/kg 32ZDAL -,88,70

	skn-gpg LD50:2 mg/kg	32ZDAL -,88,70
	orl-ham LD50:7500 ug/kg	TXAPA9 14,556,69
	orl-ckn LD50:2000 ug/kg	32ZDAL -,88,70
	orl-dck LD50:1800 ug/kg	TXAPA9 14,556,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PC1300000 4,7-METHANOISOBENZOFURAN-5(3H)-ONE, 1,3,4,6,7,8,8-HEPTACHLOROHEXAHYDRO-

UPDT:8309 CAS: 3447-87-8 MW: 393.29 MOLFM: C9-H5-Cl7-O2

SYN: ENT 27,236 * 1,3,4,6,7,8,8-HEPTACHLOROHEXAHYDRO-4,7-METHANOISOBENZOFURAN-5(3H)-ONE * HOOKER HRS-1671 * HRS 1671

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:7 mg/kg	ARSIM* 20,13,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PC1400000 METHANOL

UPDT:8408 CAS: 67-56-1 MW: 32.05 MOLFM: C-H4-O

SYN: ALCOOL METHYLIQUE (French) * ALCOOL METILICO (Italian) * CARBINOL * COLONIAL SPIRIT * COLUMBIAN SPIRIT * COLUMBIAN SPIRITS (WOOD ALCOHOL) (DOT) * METHANOL (DOT) * METANOLO (Italian) * METHYL ALCOHOL * METHYL ALCOHOL (DOT) * METHYLOL * METHYLALKOHOL (German) * METHYL HYDROXIDE * METYLOWY ALKOHOL (Polish) * MONOHYDROXYMETHANE * NA 1230 (DOT) * PYROXYLIC SPIRIT * RCRA WASTE NUMBER U154 * UN 1230 (DOT) * WOOD ALCOHOL * WOOD NAPHTHA * WOOD SPIRIT

IRRITATION DATA AND REFERENCES:

	eye-hmn 5 ppm	JOCMA7 2,383,60
	skn-rbt 500 mg/24H MOD	28ZPAK -,33,72
	eye-rbt 40 mg MOD	UCDS** 3/24/70

MUTATION DATA AND REFERENCES:

	mmo-smc 12 pph	GENRAB 37,173,81
	cyt-smc 500 umol/tube	HEREAY 33,457,47
	cyt-grh-par 3000 ppm	IJEBA6 12,72,74
	dni-hmn:lym 300 mmol/L	PNASA6 79,1171,82
	dnd-rat-orl 10 umol/kg	ENMUDM 4,317,82
	cyt-mus-orl 1 gm/kg	ENMUDM 4,317,82
	cyt-mus-ipr 75 mg/kg	ENMUDM 5,381,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T85	orl-rat TDLo:7500 mg/kg (17-19D preg)	TOXID9 1,32,81
3T46T47T53	ihl-rat TCLo:20000 ppm/7H (1-22D preg)	TJADAB 29(2),48A,84

TOXICITY DATA AND REFERENCES:

*	orl-hmn LDLo:340 mg/kg	85ESA3 9,777,76
3D17J21J30	ihl-hmn TCLo:86000 mg/m3	AGGHAR 5,1,33
	unk-man LDLo:868 mg/kg	85DCAI 2,73,70
*	orl-rat LD50:5628 mg/kg	GTPZAB 19(11),27,75
	ihl-rat LC50:64000 ppm/4H	NPIRI* 1,74,74
	ipr-rat LD50:9540 mg/kg	TXAPA9 21,454,72
*	orl-mus LD50:870 mg/kg	TXCYAC 25,271,82
*	ihl-mus LCLo:50 gm/m3/2H	85GMAT -,80,82
	ipr-mus LDLo:120 mg/kg	PSEBAA 35,98,36
	scu-mus LD50:9800 mg/kg	TXAPA9 18,185,71
*	ivn-mus LD50:5673 mg/kg	AIPTAK 135,330,62
	orl-dog LDLo:7500 mg/kg	HBAMAK 4,1365,35
	orl-mky LDLo:7000 mg/kg	TXAPA9 3,202,61
	ihl-mky LCLo:1000 ppm	IECHAD 23,931,31
	skn-mky LDLo:500 mg/kg	IECHAD 23,931,31
	ihl-cat LCLo:44000 mg/m3/6H	AGGHAR 5,1,33
	ivn-cat LDLo:118 mg/kg	JPETAB 16,1,20
	orl-rbt LDLo:7500 mg/kg	HBAMAK 4,1365,35
	skn-rbt LD50:20 gm/kg	UCDS** 3/24/70

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: MEDIAV 32,431,53; CLCHAU 19,361,73; FNSCA6 2,67,73; JTEHD6 1,153,75; MJAUAJ 2,483,78

★ TLV-TWA 200 ppm; STEL 250 ppm (skin) DTLVS* 4,263,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 200 ppm (SCP-E) FEREAC 39,23540,74

★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO METHYL ALCOHOL recm std-air:TWA 200 ppm;CL 800 ppm/15M NTIS**

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 2000

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0378-0108

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METHANOLACETONITRILE see: MU5250000

N-METHANOLACRYLAMIDE see: AS3600000

METHANOL, BENZYL- see: SG7175000

PC1770000 METHANOL, (BENZYLNITROSAMINO)-, ACETATE (ester)

UPDT:8303 MW: 208.24 MOLFM: C10-H12-N2-O3

SYN: N-BENZYL-N-(ACETOXYMETHYL)NITROSAMINE * (BENZYLNITROSAMINO)METHANOL ACETATE (ester)

MUTATION DATA AND REFERENCES:

	msc-ham:lng 50 umol/L	GANNA2 73,517,82

PC1910000 METHANOL, ((4,6-BIS(DIMETHYLAMINO)-s-TRIAZIN-2-YL)METHYLAMINO)-

UPDT:8308 MW: 226.33 MOLFM: C9-H18-N6-O

SYN: ((4,6-BIS(DIMETHYLAMINO)-s-TRIAZIN-2-YL)METHYLAMINO)METHANOL * N-METHYLOLPENTAMETHYLMELAMINE

MUTATION DATA AND REFERENCES:

	dnd-mam:lym 250 umol/L	CNREA8 43,500,83

PC1919000 METHANOL, (BUTYLDIMETHYLSILYL)-, CARBAMATE

UPDT:8306 MW: 189.37 MOLFM: C8-H19-N-O2-Si

SYN: (BUTYLDIMETHYLSILYL)METHANOL CARBAMATE * (BUTYLDIMETHYLSILYL)METHYL ESTER of CARBAMIC ACID * CARBAMIC ACID, (BUTYLDIMETHYLSILYL)METHYL ESTER

TOXICITY DATA AND REFERENCES:

2F05F17	ipr-mus LD50:560 mg/kg	JMCMAR 8,604,65

PC1923000 METHANOL, (BUTYLMETHYLSILYLENE)DI-, DICARBAMATE (ester)

UPDT:8306 MW: 248.40 MOLFM: C9-H20-N2-O4-Si

SYN: (BUTYLMETHYLSILYLENE)DIMETHANOL CARBAMATE * (BUTYLMETHYLSILYLENE)DIMETHYLENE ESTER of CARBAMIC ACID * CARBAMIC ACID, (BUTYLMETHYLSILYLENE)DIMETHYLENE ESTER

TOXICITY DATA AND REFERENCES:

2F05F17	ipr-mus LD50:900 mg/kg	JMCMAR 8,604,65

PC1980100 METHANOL, (DIMETHYLETHYLSILYL)-, CARBAMATE

UPDT:8306 MW: 161.31 MOLFM: C6-H15-N-O2-Si

SYN: CARBAMIC ACID, (DIMETHYLETHYLSILYL)METHYL ESTER * (DIMETHYLETHYLSILYL)METHANOL CARBAMATE * (DIMETHYLETHYLSILYL)METHYL ESTER of CARBAMIC ACID

TOXICITY DATA AND REFERENCES:

2F05F17	ipr-mus LD50:600 mg/kg	JMCMAR 8,604,65

METHANOL, (DIMETHYLPHENYLSILYL)-, CARBAMATE see: FA3200000

PC1980700 METHANOL, (DIMETHYLPROPYLSILYL)-, CARBAMATE

UPDT:8306 CAS: 3124-41-2 MW: 175.34 MOLFM: C7-H17-N-O2-Si

SYN: Bo 2712 * CARBAMIC ACID, (DIMETHYLPROPYLSILYL)METHYL ESTER * (DIMETHYLPROPYLSILYL)METHANOL CARBAMATE * (DIMETHYLPROPYLSILYL)METHYL ESTER of CARBAMIC ACID

TOXICITY DATA AND REFERENCES:

2F05F17	ipr-mus LD50:400 mg/kg	JMCMAR 8,604,65

METHANOL, DIOXYBIS (9CI) see: SD8240000

METHANOL, DIOXYDI see: SD8240000

METHANOL (DOT) see: PC1400000

METHANOL, ETHYNYL- see: UK5075000

METHANOL, (2-FURYL)- see: LU9100000

PC2500000 METHANOL, METHOXY-ONN-AZOXY-, ACETATE (ester)

UPDT:8401 CAS: 67293-86-1 MW: 148.14 MOLFM: C4-H8-N2-O4

SYN: METHOXYAZOXYMETHANOLACETATE

MUTATION DATA AND REFERENCES:

	sln-dmg-orl 47 ng	PSEBAA 125,988,67

TUMORIGENIC DATA AND REFERENCES:

3V03K61M61	par-rat TDLo:1800 ug/kg/9W-I	PAACA3 14,55,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PC2625000 METHANOL, (METHYL-ONN-AZOXY)-

UPDT:8406 CAS: 590-96-5 MW: 90.10 MOLFM: C2-H6-N2-O2

SYN: 1-HYDROXYMETHYL-2-METHYLDIIMIDE-2-OXIDE * MAM * METHYLAZOXYMETHANOL

MUTATION DATA AND REFERENCES:

	mmo-sat 10 umol/plate	CNREA8 39,3780,79
	mma-sat 10 umol/plate	CNREA8 39,3780,79
	sln-dmg-orl 90 ng	PSEBAA 125,988,67
	hma-mus/sat 1200 mg/kg	22XWAN -,260,70
	otr-ham:emb 2500 ug/L	NATUAS 235,278,72
	dnd-mam:lym 1 mol/L	BIJOAK 98,20c,66

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T41	ipr-rat TDLo:14 mg/kg (15D preg)	TJADAB 25(2),42A,82
2T51T81	ipr-rat TDLo:20 mg/kg (15D preg)	JTSCDR 1,114,76
1T85	ipr-rat TDLo:20 mg/kg (14-16D preg)	SCIEAS 163,88,69
1T83	ipr-rat TDLo:20 mg/kg (15D preg)	NDKIA2 33,299,82
1T41	unk-rat TDLo:20 mg/kg (14-16D preg)	XENOBH 3,271,73
3T41T42T46	ivn-ham TDLo:20 mg/kg (8D preg)	PSEBAA 124,476,67
1T35	ivn-ham TDLo:23 mg/kg (8D preg)	PSEBAA 124,476,67
1T25	ivn-ham TDLo:25 mg/kg (8D preg)	PSEBAA 124,476,67

TUMORIGENIC DATA AND REFERENCES:

3V03K60L60	ipr-rat TDLo:20 mg/kg/2W-I	JNCIAM 37,217,66
2V03K60	scu-rat TDLo:234 mg/kg/39W-I	DICRAG 16,438,73
3V03K60L60	ipr-gpg TDLo:10 mg/kg/9W-I	25NJAN -,24,70
3V03K60L60	ivn-gpg TDLo:1800 ug/kg	25NJAN -,24,70
3V03K61L60	ivn-ham TDLo:20 mg/kg	PAACA3 10,86,69
2V03K61	ipr-rat TD :80 mg/kg/35W-I	APAVAY 340,151,65
3V03K60L60	ipr-gpg TD :18 mg/kg/3W-I	25NJAN -,24,70

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: PRNPAM 2,91,73; 85CVA2 5,196,70; CTRRDO 60,1171,76

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PC2800000 METHANOL, (METHYL-ONN-AZOXY)-, ACETATE (ester)

UPDT:8412 CAS: 592-62-1 MW: 132.14 MOLFM: C4-H8-N2-O3

SYN: MAM AC * MAM ACETATE * METHYLAZOXYMETHANOL ACETATE * METHYLAZOXYMETHYL ACETATE * (METHYL-ONN-AZOXY)METHANOL ACETATE (ester)

MUTATION DATA AND REFERENCES:

	mmo-sat 30 umol/plate	CNREA8 39,3780,79
	mma-sat 50 ug/plate	PMRSDJ 1,351,81
	dnr-esc 10 uL/disc	JJIND8 62,873,79
	dnd-esc 10 umol/L	MUREAV 89,95,81
	pic-esc 20 mg/L	PMRSDJ 1,224,81
	dnd-bcs 2 mg/disc	PMRSDJ 1,175,81
	sln-dmg-orl 1000 ppm	PMRSDJ 1,660,81
	mmo-smc 72 mg/L	PMRSDJ 1,414,81
	mrc-smc 750 mg/L	PMRSDJ 1,481,81
	otr-hmn:fbr 7 umol/L	PNASA6 80,7219,83
	dnd-hmn:oth 1500 umol/L/4H	PAACA3 21,69,80
	dnd-hmn:emb 1 gm/L	BJCAAI 39,383,79
	dnd-hmn:fbr 7 umol/L	PNASA6 80,7219,83
	dns-hmn:fbr 10 mg/L	CNREA8 38,2091,78
	dns-hmn:hla 10 mg/L	MUREAV 16,381,72
	dns-hmn:oth 1500 umol/L/24H	PAACA3 21,69,80
	dni-hmn:leu 5 mg/L	CBINA8 14,135,76
	sce-hmn:leu 1 mg/L	MUREAV 36,51,77
	otr-rat:emb 1 ug/L	JTEHD6 4,79,78
	otr-rat:lvr 2 mg/L	JNCIAM 55,375,75
	dnd-rat-ipr 140 umol/kg	JNCIAM 58,263,77
	dns-rat-ipr 35 mg/kg	CANCAR 36,2364,75
	dns-rat-ivn 12 gm/kg	JNCIAM 53,719,74
	dns-rat:oth 100 mmol/L	SHKKAN 22,300,80
	dni-rat-ivn 35 mg/kg	CNREA8 35,2117,75
	cyt-rat-ivn 10 gm/kg	CNREA8 35,2117,75
	sce-rat-ivn 35 mg/kg	ONCOBS 39,101,82
	sce-rat:lym 5 mg/L	ONCOBS 39,101,82
	msc-rat:oth 303 umol/L	ENMUDM 5,33,83
	otr-mus:fbr 200 ug/L	AETODY 1,133,80
	dnd-mus-ipr 50 mg/kg	BJCAAI 39,383,79
	hma-mus/sat 250 umol/kg	JJIND8 63,977,79
	otr-ham:kdy 2500 ug/L	PMRSDJ 1,638,81
	otr-ham:emb 50 ug/L	JJIND8 67,1303,81
	cyt-ham:fbr 125 mg/L/48H	MUREAV 48,337,77
	cyt-ham:lng 100 mg/L	GMCRDC 27,95,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T91	ipr-rat TDLo:29300 ug/kg (14D preg)	TJADAB 5,223,72
1T83	ipr-rat TDLo:20 mg/kg (14D preg)	JONRA9 36,124,81
1T41	ipr-rat TDLo:14 mg/kg (15D preg)	FEPRA7 31,1520,72
2T81T85	ipr-rat TDLo:25 mg/kg (14D preg)	SEIJBO 19,313,79
1T41	ivn-rat TDLo:25 mg/kg (15D preg)	DBRRDB 2,513,82
1T41	ipr-mam TDLo:15 mg/kg (33D preg)	DBRRDB 4,285,82
1T41	unk-mam TDLo:15 mg/kg (33D preg)	TJADAB 24(2),12A,81

TUMORIGENIC DATA AND REFERENCES:

3V03K60L60	orl-rat TDLo:50 mg/kg/21D-C	JNCIAM 39,355,67
2V01L60	ipr-rat TDLo:35 mg/kg	CBINA8 17,291,77
3V01K60L60	scu-rat TDLo:62 mg/kg/21D-I	JNCIAM 39,355,67
3V01K61K60	ivn-rat TDLo:35 mg/kg	CNREA8 42,1774,82
2V03K61	par-rat TDLo:360 mg/kg/18W-I	CALEDQ 2,133,77
3V03K60P62	rec-rat TDLo:50 mg/kg/7D-C	GANNA2 64,93,73
2V03K61	orl-mus TDLo:360 mg/kg/18W-I	FEPRA7 34,827,75
3V01H60R60	skn-mus TDLo:1440 mg/kg/24W-I	GANNA2 72,886,81
3V01J60K61	ipr-mus TDLo:60 mg/kg/11D-I	JJIND8 72,1181,84
2V01K61	scu-mus TDLo:200 mg/kg/10W-I	PSEBAA 161,347,79
2V03K61	rec-mus TDLo:360 mg/kg/18W-I	FEPRA7 34,827,75
2V03L60	ipr-mky TDLo:776 mg/kg/5Y-I	JJIND8 65,117,80
3V02K60K61	scu-rat TDLo:30 mg/kg	JJIND8 63,1089,79

3V03K60L60 scu-rat TD :50 mg/kg/21D-I JNCIAM 39,355,67
3V03K60M61 scu-rat TD :125 mg/kg/5W-I GDIKAN 27,7,79
2V03K60 ipr-mky TD :992 mg/kg/7Y-I JJIND8 65,177,80
3V01J60K61 ipr-mus TD :120 mg/kg/22D-I JJIND8 72,1181,84
2V03K61 ipr-mus TD :180 mg/kg/18W-I FEPRA7 34,827,75
3V03K60K61 ipr-rat TD :35 mg/kg CNREA8 37,4156,77
3V03R60V10 skn-mus TD :1440 mg/kg/24W-I GANNA2 73,358,82
2V03K60 ipr-rat TD :50 mg/kg/21D-I JNCIAM 39,355,67
2V01K61 ipr-rat TD :180 mg/kg/9W-I DIGEBW 14,311,76

TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:50 mg/kg CBINA8 17,291,77
orl-mus LDLo:35 mg/kg CNREA8 30,801,70
* ipr-mus LD50:105 mg/kg JJIND8 62,911,79
* ivn-mus LD50:10 mg/kg CSLNX* NX#04566

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BLFSBY 24,129,83
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 1,164,72

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PC2975000 METHANOL,METHYL-3-CYCLOHEXENYL
UPDT:8307 CAS: 17264-01-6 MW: 126.22 MOLFM: C8-H14-O
SYN: (METHYL-3-CYCLOHEXENYL)METHANOL

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1410 mg/kg AIHAAP 30,470,69
skn-rbt LD50:620 mg/kg AIHAAP 30,470,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PC2990000 METHANOL, (METHYLNITRAMINO)-
UPDT:8403 MW: 106.10 MOLFM: C2-H6-N2-O3
SYN: HYDROXYMETHYL-METHYLNITRAMINE * (METHYLNITRAMINO)METHANOL

MUTATION DATA AND REFERENCES:
mma-sat 1 mmol/L CRNGDP 4,1477,83

METHANOL, METHYLPHENYL- see: DO9275000
METHANOL, ((6-(2-(5-NITRO-2-FURANYL)ETHENYL)-1,2,4-TRIAZIN-3-YL)IMINO)BIS- see: PC3200000

PC3200000 METHANOL, ((6-(2-(5-NITRO-2-FURYL)VINYL)-as-TRIAZIN-3-YL)IMINO)DI-
UPDT:8401 CAS: 794-93-4 MW: 293.27 MOLFM: C11-H11-N5-O5
SYN: 3-BIS(HYDROXYMETHYL)AMINO-6-(5-NITRO-2-FURYLETHENYL)-1,2,4-TRIAZINE * BIS(HYDROXYMETHYL)FURATRIZINE * DHNT * 3-DI(HYDROXYMETHYL)AMINO-6-(2-(5-NITRO-2-FURYL)VINYL)-1,2,4-TRIAZINE * DIHYDROXYMETHYL FURATRIZINE * FT * FURATONE * FURATONE-S * METHANOL, ((6-(2-(5-NITRO-2-FURANYL)ETHENYL)-1,2,4-TRIAZIN-3-YL)IMINO)BIS- * N-(6-(5-NITROFURFURYLIDENEMETHYL)-1,2,4-TRIAZIN-3-YL)IMINODIMETHANOL * 6-(5-NITRO-2-FURYLVINYL)-3-(DIHYDROXYDIMETHYLAMINO)-1,2,4-TRIAZENE * ((6-(2-(5-NITRO-2-FURYL)VINYL)-as-TRIAZIN-3-YL)IMINO)DIMETHANOL * N-(6-(2-(5-NITRO-2-FURYL)VINYL)-1,2,4-TRIAZIN-3-YL)IMINODIMETHANOL * PANFURAN-S * 1,2,4-TRIAZINE, 3-DI(HYDROXYMETHYL)AMINO-6-(5-NITRO-2-FURYLETHENYL)-

MUTATION DATA AND REFERENCES:
dnr-esc 20 ug/L NKRZAZ 22,1159,74
dnd-esc 500 ug/L MIIMDV 21,481,77
dni-esc 500 ug/L MIIMDV 21,481,77
dni-omi 1 mg/L NKRZAZ 22,1159,74
oms-omi 1 mg/L NKRZAZ 22,1159,74

TUMORIGENIC DATA AND REFERENCES:
2V01K60 orl-rat TDLo:25725 mg/kg/35W-C NAIZAM 31,31,80
2V01K60 orl-mus TDLo:12740 mg/kg/35W-C NAIZAM 31,31,80
2V01K60 orl-rat TD :27 gm/kg/36W-C JNCIAM 60,1339,78
2V01K60 orl-rat TD :27 gm/kg/37W-C IGAYAY 108,96,79
2V01K60 orl-rat TD :26 gm/kg/35W-C GANNA2 68,371,77
2V01K60 orl-mus TD :20580 mg/kg/35W-C ONKOD2 2,41,79
2V03K60 orl-mus TD :10290 mg/kg/35W-C ONKOD2 2,41,79

TOXICITY DATA AND REFERENCES:
orl-mus LD50:2690 mg/kg PMDCAY 5,320,67
ipr-mus LD50:1296 mg/kg PMDCAY 5,320,67
scu-mus LD50:1602 mg/kg PMDCAY 5,320,67

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 24,77,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METHANOL, OXIRANYL- see: UB4375000

PC3370000 METHANOL, OXYDI-, DINITRATE
UPDT:8308 CAS: 33453-96-2
SYN: alpha,alpha'-DI-(NITROXY)METHYL ETHER (DOT) * OXYDIMETHANOL DINITRATE

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

METHANOL, PHENYL- see: DN3150000

PC3570000 METHANOL, SODIUM SALT
UPDT:8308 CAS: 124-41-4 MW: 54.03 MOLFM: C-H3-O .Na
SYN: SODIUM METHOXIDE * SODIUM METHYLATE, DRY (DOT) * UN 1431 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2-METHANOL TETRAHYDROPYRAN see: UQ0175000

PC3700000 METHANOL, (s-TRIAZINE-2,4,6-TRIYLTRINITRILO)HEXA-
UPDT:8310 CAS: 531-18-0 MW: 306.33 MOLFM: C9-H18-N6-O6
SYN: CILAG 61 * HEXA(HYDROXYMETHYL)MELAMINE * HEXAKIS(HYDROXYMETHYL)MELAMINE * HEXAMETHYLOLMELAMIN (Czech) * HEXAMETHYLOLMELAMINE * MELAMINE, HEXAKIS(HYDROXYMETHYL)- * METHANOL, (1,3,5-TRIAZINE-2,4,6-TRIYLTRINITRILO)HEXAKIS- * RESLOOM M 75 * 1,3,5-TRIAZINE-2,4,6-TRIAMINE, HEXAKIS(HYDROXYMETHYL)- * s-TRIAZINE, 2,4,6-TRIS(BIS(HYDROXYMETHYL)AMINO)- * (s-TRIAZINE-2,4,6-TRIYLTRINITRILO)HEXAMETHANOL * 2,4,6-TRIS(DI(HYDROXYMETHYL)AMINO)-1,3,5-TRIAZINE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,154,72
eye-rbt 100 mg/24H SEV 28ZPAK -,154,72

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#04006

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

METHANOL, (1,3,5-TRIAZINE-2,4,6-TRIYLTRINITRILO)HEXAKIS- see: PC3700000
METHANOL, TRIMETHYL- see: EO1925000

PC4110000 METHANOL, (TRIMETHYLSILYL)-, CARBAMATE
UPDT:8306 MW: 147.28 MOLFM: C5-H13-N-O2-Si
SYN: CARBAMIC ACID, (TRIMETHYLSILYL)METHYL ESTER * (TRIMETHYLSILYL)METHANOL CARBAMATE * (TRIMETHYLSILYL)METHYL ESTER of CARBAMIC ACID

TOXICITY DATA AND REFERENCES:
2F05F17 ipr-mus LD50:400 mg/kg JMCMAR 8,604,65

PC4930000 9,17-METHANONAPHTHO(2',3':5,6)CYCLOHEPT(1,2-d)ANTHRACENE-5,10,15,16,18(17H)-PENTONE, 7,8,8a,9-TETRAHYDRO-1,4,6,8,11,14,19-HEPTAHYDROXY-2,12-DIMETHYL-
UPDT:8408 CAS: 21884-47-9 MW: 574.52 MOLFM: C30-H22-O12
SYN: RUBROSKY RIN * (-)-RUBROSKYRIN

MUTATION DATA AND REFERENCES:
mma-sat 9 mg/L/2H JEPTDQ 2(2),313,78
mma-sat 9 mg/L/2H JEPTDQ 2(2),313,78

PC4932000 METHANONE, (2-AMINO-1H-BENZIMIDAZOL-5-YL)PHENYL-
UPDT:8408 CAS: 52329-60-9 MW: 237.28 MOLFM: C14-H11-N3-O
SYN: G-1029 * R 18986

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:450 mg/kg MPPBAB 48(4),29,79
* ipr-mus LD50:257 mg/kg MPPBAB 48(4),29,79

PC4933000 METHANONE, (4-((4-AMINOBENZOYL)OXY)-1-METHYL-4-PIPERIDINYL)PHENYL-, conjugate monoacid
UPDT:8408 CAS: 71266-47-2 MW: 338.44 MOLFM: C20-H22-N2-O3
SYN: (4-((4-AMINOBENZOYL)OXY)-1-METHYL-4-PIPERIDINYL)PHENYLMETHANONE conjugate monoacid

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:35 mg/kg SCPHA4 48,117,80

PC4934200 METHANONE, (4-AMINO-2-METHYL-5-PHENYL-1H-PYRROL-3-YL)CYCLOHEXYL-, MONOHYDROCHLORIDE
UPDT:8412 MW: 318.88 MOLFM: C18-H22-N2-O .Cl-H

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

PC4934300 METHANONE, (4-AMINO-2-METHYL-5-PHENYL-1H-PYRROL-3-YL)PHENYL-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 59133-44-7 MW: 312.82 MOLFM: C18-H16-N2-O .Cl-H

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

PC4934400 METHANONE, (4-AMINO-2-METHYL-1H-PYRROL-3-YL)PHENYL-, MONOHYDROCHLORIDE
UPDT:8412 MW: 236.72 MOLFM: C12-H12-N2-O .Cl-H

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:250 mg/kg FRPSAX 39,538,84

PC4935500 METHANONE, (4-AMINO-5-PHENYL-1H-PYRROL-3-YL)PHENYL-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 59133-45-8 MW: 298.79 MOLFM: C17-H14-N2-O .Cl-H

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

PC4936000 METHANONE, (4-(BENZOYLOXY)-1-METHYL-4-PIPERIDINYL)PHENYL-, conjugate monoacid
UPDT:8408 CAS: 71303-91-8 MW: 323.42 MOLFM: C20-H21-N-O3
SYN: BENZOIC ACID, 4-BENZOYL-1-METHYL-4-PIPERIDYL ESTER * KETONE, 4-HYDROXY-1-METHYL-4-PIPERIDYL PHENYL, BENZOATE (ester), conjugate monoacid

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:176 mg/kg SCPHA4 48,117,80

PC4936500 METHANONE, (4-(BENZOYLOXY)-1-PROPYL-4-PIPERIDINYL)PHENYL-, conjugate monoacid
UPDT:8408 CAS: 71266-49-4 MW: 351.48 MOLFM: C22-H25-N-O3
SYN: (4-(BENZOYLOXY)-1-PROPYL-4-PIPERIDINYL)PHENYLMETHANONE conjugate monoacid

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:265 mg/kg SCPHA4 48,117,80

METHANONE, BIS(2-HYDROXY-4-METHOXYPHENYL)- (9CI) see: DJ0900000 BENZOPHENONE, 2,2'-DIHYDROXY-4,4'-DIMETHOXY-
METHANONE, BIS(2,4-DIHYDROXYPHENYL)- (9CI) see: DJ1892000
METHANONE, (2-BUTYL-3-BENZOFURANYL)(4-(2-(DIETHYLAMINO)ETHOXY)-3,5-DIIODOPHENYL)- (9CI) see: OB1360000
METHANONE, (3,5-DIBROMO-4-HYDROXYPHENYL)(2-ETHYL-3-BENZOFURANYL)- (9CI) see: OB1804200
METHANONE, (4,5-DICHLORO-1H-PYRROL-2-YL)(2,6-DIHYDROXYPHENYL)- see: OB1804400
METHANONE, DIPHENYL-, OXIME (9CI) see: DJ1810000

PC4958000 METHANONE, (2-HYDROXY-4-METHOXYPHENYL)(4-METHOXYPHENYL)-
UPDT:8412 CAS: 6131-38-0 MW: 258.29 MOLFM: C15-H14-O4

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-ham TDLo:175 mg/kg (1-7D preg) IJEBA6 17,1317,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METHANONE, (2-HYDROXY-4-METHOXYPHENYL)PHENYL- see: DJ1575000
2,5-METHANO-2H-OXIRENO(a)INDENE, 2,3,4,5,6,7,7-HEPTACHLORO-1a,1b,5,5a,6,6a-HEXAHYDRO see: PB9450000

PC5080000 6,9-METHANO-8H-PYRIDO(1',2':1,2)AZEPINO(4,5-b)INDOLE-6(6aH)-CARBOXYLIC ACID, 7,8,9,10,12,13- HEXAHYDRO-6-ETHYL-13a-HYDROXY-, METHYL ESTER, HYDROCHLORIDE
UPDT:8405 MW: 336.47 MOLFM: C21-H24-N2-O2
SYN: CORONARIDINE HYDROCHLORIDE * IBOGAMINE-18-CARBOXYLIC ACID, METHYL ESTER, HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:50 mg/kg (10D pre) JPMSAE 62,1199,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,5-METHANO-8H-PYRIDO(1,2-a)(1,5)DIAZOCIN-8-ONE, 1,2,3,4,5,6-HEXAHYDRO- see: HA4025000
0-(1,4-METHANO-1,2,3,4-TETRAHYDRO-6-NAPHTHYL)-N-METHYL-N-(m-TOLYL)-THIOCARBAMATE see: FD3920000

PC5140000 4,7-METHANOSELENOPHENE, OCTAHYDRO-2,2,3,3-TETRAFLUORO-
UPDT:8011 MW: 273.15 MOLFM: C9-H10-F4-Se
SYN: 2,2,3,3-TETRAFLUORO-4,7-METHANO-2,3,5,6,8,9-HEXAHYDROBENZOSELENOPHENE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1 mg/kg CSLNX* NX#10021

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

PC5150000 3,6-METHANO-8H-1,5,7-TRIOXACYCLOPENTA(ij)CYCLOPROP(a)AZULENE-4,8(3H)-DIONE, HEXAHYDRO- 2a-HYDROXY-8b-METHYL-9-(1-METHYLETHENYL)-, (1aR-(1a-alpha,2a-beta,3-beta,6-beta,6a-beta, 8aS*,8b-beta,9R*))-
UPDT:8312 CAS: 17617-45-7 MW: 292.31 MOLFM: C15-H16-O6
SYN: PICROTOXININ * PICROTOXININE

TOXICITY DATA AND REFERENCES:
* ice-mus LDLo:100 ug/kg TXAPA9 66,290,82

dl-METHANPHETAMINE HYDROCHLORIDE see: SH5450000
METHANTHELINE BROMIDE see: BP7632500
METHANTHELINIUM BROMIDE see: BP7632500
METHANTHINE BROMIDE see: BP7632500
METHANTHIOL (German) see: PB4375000
METHAPHENILENE HYDROCHLORIDE see: KV4725000
(+)-METHAPHETAMINE CHLORIDE see: SH5425000
(+)-METHAPHETAMINE HYDROCHLORIDE see: SH5425000
d-METHAPHETAMINE HYDROCHLORIDE see: SH5425000
METHAPHETAMINIUM CHLORIDE see: SH5425000
METHAPHOXIDE see: SZ1925000
METHAPYRAPONE see: UC3050000

METHAPYRILENE see: UT1400000
METHAPYRILENE see: UT1575000
METHAPYRILENE HYDROCHLORIDE see: UT1750000
METHAPYRILENE HYDROCHLORIDE (L.A.) see: UT1750000
METHAPYRILENE HYDROCHLORIDE (S.A.) see: UT1750000
METHAPYRILENE mixed with SODIUM NITRITE (1:2) see: UT1930000
METHAQUALONE see: VA3850000
METHAQUALONEINONE see: VA3850000
METHAR see: PA2275000
METHAR 30 see: PA2275000
METHARSAN see: PA2275000
METHARSINAT see: PA2275000
METHASAN see: ZH0525000
beta-METHASONE 17-VALERATE see: TU3835000
METHAZATE see: ZH0525000
METHAZINE see: NL3500000
METHAZOLAMIDE see: AC6350000
METHAZOLE see: RO0835000
METHDILAZINE see: SP2975000
METHDILAZINE HYDROCHLORIDE see: SP3150000
METHEDRINAL see: SH5075000
METHEDRINE see: SH4900000
METHEDRINE see: SH5075000
METHEDRINE see: SH5425000
METHEDRINE HYDROCHLORIDE see: SH5075000
METHELINA see: BP7632500
METHENAMIC ACID see: CB4550000
METHENAMIDE see: AC6350000
METHENAMINE see: MN4725000
1,3,4-METHENO-1H-CYCLOBUTA(cd)PENTALENE, DODECACHLOROOCTAHYDRO- see: PC8225000

PC8225000 1,3,4-METHENO-1H-CYCLOBUTA(cd)PENTALENE, 1,1a,2,2,3,3a,4,5,5,5a,5b,6- DODECACHLOROOCTAHYDRO-
UPDT:8412 CAS: 2385-85-5 MW: 545.50 MOLFM: C10-Cl12
SYN: BICHLORENDO * CG-1283 * CYCLOPENTADIENE, HEXACHLORO-, DIMER * DECANE,PERCHLOROPENTACYCLO- * DECHLORANE * DECHLORANE 515 * DECHLORANE 4070 * DECHLORANE PLUS * DECHLORANE PLUS 515 * DODECACHLOROOCTAHYDRO-1,3,4-METHENO-2H-CYCLOBUTA(c,d)PENTALENE * 1,1a,2,2,3,3a,4,5,5,5a,5b,6-DODECACHLOROOCTAHYDRO-1,3,4-METHENO-1H-CYCLOBUTA(cd)PENTALENE * DODECACHLOROPENTACYCLODECANE * DODECACHLOROPENTACYCLO(3.2.2.0(sup 2,6),0(sup 3,9),0(sup 5,10))DECANE * ENT 25,719 * FERRIAMICIDE * GC 1283 * HEXACHLOROCYCLOPENTADIENE DIMER * 1,2,3,4,5,5-HEXACHLORO-1,3-CYCLOPENTADIENE DIMER * HRS 1276 * 1,3,4-METHENO-1H-CYCLOBUTA(cd)PENTALENE, DODECACHLOROOCTAHYDRO- * MIREX * NCI-C06428 * PERCHLORODIHOMOCUBANE * PERCHLOROPENTACYCLODECANE * PERCHLOROPENTACYCLO(5.2.1.0(sup 2,6).0(sup 3,9).0(sup 5,8))DECANE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T12T13T34	orl-rat TDLo:50 mg/kg (5-9D preg)	TJADAB 27,401,83
2T71T76	orl-rat TDLo:23750 ug/kg (4-22D preg)	TOLED5 4,263,79
3T26T55T46	orl-rat TDLo:60 mg/kg (6-15D preg)	FCTXAV 14,25,76
3T25T47T59	orl-rat TDLo:56 mg/kg (8-15D preg)	TJADAE 22,167,80
2T48T55	orl-rat TDLo:48 mg/kg (8-15D preg)	TJADAB 21,40A,80
1T23	orl-rat TDLo:60 mg/kg (10D male)	FCTXAV 14,25,76
1T42	orl-rat TDLo:18750 ug/kg (1-15D post)	TOLED5 4,263,79
1T81	orl-rat TDLo:10 mg/kg (1-8D post)	TOLED5 4,263,79
1T13	scu-rat TDLo:10 mg/kg (2D pre)	ENVRAL 16,131,78
1T29	scu-rat TDLo:2 mg/kg (1D pre)	PSEBAA 148,414 75
3T47T49T76	unk-rat TDLo:8 mg/kg (8-15D preg)	TJADAB 26(3),17A,82
2T71T75	unk-rat TDLo:48 mg/kg (8-15D preg)	TJADAB 26(3),17A,82
2T81T85	orl-mus TDLo:22 mg/kg (1-21D preg)	FEPRA7 37,938,78
1T29	orl-mus TDLo:58 mg/kg (4W male/4W pre-2W post)	TXAPA9 10,54,67
3T72T75T81	orl-mus TDLo:37500 ug/kg (8-12D preg)	JTEHD6 10,541,82
3T42T47T49	unk-mam TDLo:7 mg/kg (15-21D preg)	TJADAB 25(2),44A,82
2T71T75	unk-mam TDLo:7 mg/kg (15-21D preg)	TJADAB 25(2),44A,82

TUMORIGENIC DATA AND REFERENCES:

2V03L60	orl-rat TDLo:2340 mg/kg/56W-C	EXMPA6 38,271,83
2V01L60	orl-mus TDLo:2222 mg/kg/58W-C	JNCIAM 42.1101,69

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:235 mg/kg	SPEADM 74-1,-,74
*	skn-rbt LD50:800 mg/kg	FMCHA2 -,C159,83
	orl-ham LD50:125 mg/kg	TXAPA9 48,A192,79
	orl-dck LD50:2400 mg/kg	ENVRAL 14,212,77
	ihl-brd LC50:1400 ppm	ENVRAL 14,212,77

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85CVA2 5,250,70; CTOXAO 13,231,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 20,283,79
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 5,203,74
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 20,283,79

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PC8400000 1,3,4-METHENO-1H-CYCLOBUTA(c,d)-PENTALENE-2-LEVULINIC ACID, 1,1a,3,3a,4,5,5a,5b,6- DECACHLOROOCTAHYDRO-2-HYDROXY-, ETHYL ESTER
UPDT:8306 CAS: 4234-79-1 MW: 634.79 MOLFM: C17-H12-Cl10-O4
SYN: GC-9160 * ALLIED GC 9160 * DESPIROL * KELEVAN * GENERAL CHEMICAL 9160 * GENERAL CHEMICALS 9160

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:240 mg/kg	KSKZAN 16(2),59,78
	orl-dog LD50:400 mg/kg	BESAAT 15,96,69
	skn-rbt LD50:188 mg/kg	BESAAT 15,96,69

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 63,45,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PC8575000 1,3,4-METHENO-2H-CYCLOBUTA(cd)PENTALEN-2-ONE, 1,1a,3,3a,4,5,5,5a,5b,6-DECACHLOROCTAHYDRO-
UPDT:8412 CAS: 143-50-0 MW: 490.60 MOLFM: C10-Cl10-O
SYN: CIBA 8514 * CHLORDECONE * COMPOUND 1189 * 1,2,3,5,6,7,8,9,10,10-DECACHLORO(5.2.1.0(sup 2,6).0(sup 3,9).0(sup 5,8))DECANO-4-ONE * DECACHLOROKETONE * DECACHLORO-1,3,4-METHENO-2H-CYCLOBUTA(cd)PENTALEN-2-ONE * DECACHLOROOCTAHYDRO-1,3,4-METHENO-2H-CYCLOBUTA(cd)PENTALEN-2-ONE * 1,1a,3,3a,4,5,5,5a,5b,6-DECACHLOROOCTAHYDRO-1,3,4-METHENO-2H-CYCLOBUTA(cd)PENTALEN-2-ONE * DECACHLOROPENTACYCLO(5.2.1.0(sup 2,6).0(sup 3,9).0(sup 5,8))DECAN-4-ONE * DECACHLOROPENTACYCLO(5.3.0.0(sup 2,6).0(sup 4,10).0(sup 5,9)DECAN-3-ONE * DECACHLOROTETRACYCLODECANONE * DECACHLOROTETRAHYDRO-4,7-METHANOINDENEONE * ENT 16,391 * GC 1189 * GENERAL CHEMICALS 1189 * KEPONE * KEPONE (DOT) * KEPONE-2-ONE, DECACHLOROOCTAHYDRO- * MEREX * NA 2761 (DOT) * NCI-C00191 * RCRA WASTE NUMBER U142

MUTATION DATA AND REFERENCES:

	spm-qal-orl 200 ppm/42D-C	TXAPA9 43,535,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T83	orl-rat TDLo:63 mg/kg (2-22D preg/21D post)	TOLED5 4,247,79
1T87	orl-rat TDLo:42 mg/kg (2-22D preg/21D post)	TXAPA9 41,142,77
3T41T53T55	orl-rat TDLo:100 mg/kg (7-16D preg)	TXAPA9 38,189,76
2T34T46	orl-rat TDLo:60 mg/kg (7-16D preg)	TXAPA9 38,189,76
1T85	orl-rat TDLo:17 mg/kg (1-22D preg/12D post)	FEPRA7 40,667,81
1T14	ipr-rat TDLo:50 mg/kg (1D pre)	TXAPA9 72,177,84
1T13	scu-rat TDLo:2 mg/kg (2D pre)	ENVRAL 16,131,78
1T12	scu-rat TDLo:10 mg/kg (2D pre)	ENVRAL 16,131,78
1T29	orl-mus TDLo:16500 ug/kg (4W male/4W pre)	JEENAI 58,754,65
2T35T46	orl-mus TDLo:120 mg/kg (7-16D preg)	TXAPA9 38,189,76
2T72T81	orl-mus TDLo:100 mg/kg (8-12D preg)	JTEHD6 10,541,82

TUMORIGENIC DATA AND REFERENCES:

2V01L60	orl-rat TDLo:200 mg/kg/2Y-C	NEOLA4 26,231,79
2V01L60	orl-mus TDLo:1200 mg/kg/80W-I	NCITR* NCI-CG-TR-b,76
2V01L60	orl-rat TD :670 mg/kg/80W-I	NCITR* NCI-CG-TR-b,76
2V01L60	orl-mus TD :1340 mg/kg/80W-C	AIHAAP 37,680,76
2V01L60	orl-mus TD :1550 mg/kg/80W-C	AIHAAP 37,680,76

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:95 mg/kg	GUCHAZ 6,96,73
	orl-dog LD50:250 mg/kg	TXAPA9 45,331,78
	orl-rbt LD50:65 mg/kg	PCOC** -,642,66
	skn-rbt LD50:345 mg/kg	GUCHAZ 6,96,73
	orl-ckn LD50:480 mg/kg	TXAPA9 3,521,61
*	orl-qal LD50:237 mg/kg	JRPFA4 48,371,76
	unk-mam LD50:126 mg/kg	30ZDA9 -,65,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: STEVA8 9,1,78; JTEHD6 4,895,78; CTOXAO 13,231,78; JEPTDQ 2,671,79
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 20,67,79
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 20,67,79

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO KEPONE recm std-air:Cl 1 ug/m3/15M NTIS**

STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
- 'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5508
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PC8600000 2,4,7-METHENO-1H-CYCLOPENTA(a)PENTALENE, 1,1,2,3,3a,7a-HEXACHLORO-5,6-EPOXYDECAHYDRO-, stereoisomer
UPDT:8412 CAS: 13366-73-9 MW: 380.90 MOLFM: C12-H8-Cl6-O
SYN: DIELDRIN, PHOTO- * NCI-C00599 * PHOTODIELDRIN

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-17,77)

8(9)-p-MENTHEN-3-OL see: OT0190000
METHENOLONE ACETATE see: BV8408500

PC8710000 p-MENTH-8-EN-2-ONE
UPDT:8305 CAS: 7764-50-3 MW: 152.26 MOLFM: C10-H16-O
SYN: DIHYDROCARVONE * 2-METHYL-5-(1-METHYLETHENYL)CYCLOHEXANONE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	FCTXAV 18,665,80

TOXICITY DATA AND REFERENCES:

3F12F13J25	scu-mus LD50:2900 mg/kg	FCTXAV 18,665,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

N,N'-METHENYL-o-PHENYLENEDIAMINE see: DD5425000
METHENYL TRIBROMIDE see: PB5600000
METHENYL TRICHLORIDE see: FS9100000
METHERGINE see: KE5425000
METHERGINE see: KE5500000
METHERGOLINE see: FA1070000
METHESCUFYLLINE see: PC9450000

PC9450000 METHESCULETOL THEOPHYLLINE
UPDT:8408 CAS: 15518-82-8 MW: 529.61 MOLFM: C25-H31-N5-O8
SYN: DIETAMIPHYLLINE METHYLESCUTOL * ETAMIPHYLLINE METHESCULETOL * METESCUFYLLINE * METHESCUFYLLINE * THEOPHYLLINE METHESCULETOL * VEINARTAN * VENARTERIN

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:260 mg/kg	MEIEDD 10,849,83

METHEXENYL see: CQ2625000
METHEXENYL SODIUM see: CQ2800000
METHIACIL see: YR0875000
METHIAMAZOLE see: NI8615000
METHIAZIC ACID see: SN5100000
METHIAZINIC ACID see: SN5100000
METHICIL see: YR0875000
METHIDATHION see: TE2100000
METHILANIN see: PD0456000
METHILLIGNIN see: OI6000000
METHIMAZOL see: NI8615000
METHIMAZOLE see: NI8615000
METHIOCARB see: FC5775000
METHIOCIL see: YR0875000
METHIODAL SODIUM see: PB2250000
METHIODIDE of N-BENZYLURETHANE of 3-DIMETHYLAMINOPHENOL see: BR3700000
METHIODIDE of N-4-METHOXYBENZYLURETHANE of 3-DIMETHYLAMINOPHENOL see: BR4080000
METHIODIDE of 4-METHYL-7-DIMETHYLAMINOCOUMARIN see: BR8085000
METHIODIDE of N-METHYLURETHANE of 6-CHLORO-3-DIMETHYLAMINOPHENOL see: BP5275000
METHIODIDE of N-METHYLURETHANE of 4-DIETHYLAMINO-o-CRESOL see: BR5849900
METHIODIDE of N-METHYLURETHANE of 3-DIETHYLAMINOPHENOL see: BR1840000
METHIODIDE of N-METHYLURETHANE of 5-DIMETHYLAMINO-m-CRESOL see: BR6315000
METHIODIDE of N-METHYLURETHANE of 4-DIMETHYLAMINO-o-CRESOL see: BR6200000
METHIODIDE of N-METHYLURETHANE of 2-DIMETHYLAMINO-p-CRESOL see: BR6317000
METHIODIDE of N-METHYLURETHANE of 3-DIMETHYLAMINO-6-CYCLOHEXYLPHENOL see: BP5782000
METHIODIDE of N-METHYLURETHANE of 3-DIMETHYLAMINO-4-ETHYLPHENOL see: BQ5915000
METHIODIDE of N-METHYLURETHANE of 3-DIMETHYLAMINO-6-ETHYLPHENOL see: BQ5915010
METHIODIDE of N-METHYLURETHANE of 5-DIMETHYLAMINO-4-ISOPROPYL-o-CRESOL see: BR6300000
METHIODIDE of N-METHYLURETHANE of 6-DIMETHYLAMINO-4-ISOPROPYL-o-CRESOL see: BR1351200
METHIODIDE of N-METHYLURETHANE of 3-DIMETHYLAMINO-4-ISOPROPYLPHENOL see: BR6527000
METHIODIDE of N-METHYLURETHANE of 3-DIMETHYLAMINO-6-ISOPROPYLPHENOL see: BR1349000
METHIODIDE of N-METHYLURETHANE of 2-DIMETHYLAMINOPHENOL see: BR4375000
METHIODIDE of N-METHYLURETHANE of 3-DIMETHYLAMINOPHENOL see: BR4200000

METHIODIDE of N-METHYLURETHANE of 4-DIMETHYLAMINOPHENOL see: BR4550000
METHIODIDE of N-METHYLURETHANE of 6-DIMETHYLAMINO-m-4-XYLENOL see: BR6400000
METHIODIDE of N-METHYLURETHANE of 7-HYDROXY-1-METHYL-1,2,3,4-TETRAHYDROQUINOLINE see: VC3980000
METHIODIDE of N-METHYLURETHANE of 8-HYDROXY-1-METHYL-1,2,3,4-TETRAHYDROQUINOLINE see: VC4000000
METHIODIDE of N-METHYLURETHANE of 8-HYDROXYQUINOLINE see: VC3960000
METHIODIDE of N-METHYLURETHANE of N-METHYL-N-beta-DIETHYLAMINOETHYL-4-AMINOPHENOL see: BR1740000
METHIONAL see: UE2285000
METHIONINE see: PD0457000

PD0455000 METHIONINE, D-
UPDT:8405 CAS: 348-67-4 MW: 149.23 MOLFM: C5-H11-N-O2-S
SYN: D-METHIONINE * D-METIONIEN (Australian)
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:5223 mg/kg ABBIA4 64,319,56
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JAFCAU 22(1),2,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PD0456000 METHIONINE, DL-
UPDT:8405 CAS: 59-51-8 MW: 149.23 MOLFM: C5-H11-N-O2-S
SYN: ACIMETION * BANTHIONINE * CYNARON * DYPRIN * LOBAMINE * MEONINE * METHILANIN * (+-)-METHIONINE * DL-METHIONINE (9CI) * METIONE * DL-METIONIEN (Australian) * MERTIONIN * NESTON
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T29T31T34 orl-rat TDLo:40 gm/kg (1-20D preg) JRPFA4 33,109,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PD0457000 METHIONINE, L-
UPDT:8412 CAS: 63-68-3 MW: 149.23 MOLFM: C5-H11-N-O2-S
SYN: L-alpha-AMINO-gamma-METHYLMERCAPTOBUTYRIC ACID * L(-)-AMINO-gamma-METHYLTHIOBUTYRIC ACID * BUTYRIC ACID, 2-AMINO-4-(METHYLTHIO)- * CYMETHION * LIQUIMETH * METHIONINE * L-METHIONINE * L-(-)-METHIONINE * L-gamma-METHYLTHIO-alpha-AMINOBUTYRIC ACID
MUTATION DATA AND REFERENCES:
mmo-esc 100 mg/L PMRSDJ 1,376,81
pic-esc 200 mg/L PMRSDJ 1,224,81
dnr-smc 500 mg/L PMRSDJ 1,502,81
dnd-hmn:oth 2 umol/L BBACAQ 696,15,82
dns-hmn:fbr 125 mg/L PMRSDJ 1,517,81
dnd-ham:ovr 2 umol/L BBACAQ 696,15,82
cyt-gpg-ipr 500 mg/kg JCLBA3 47,190a,70
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 orl-rat TDLo:26100 mg/kg (10-20D preg) DTTIAF 82,457,75
1T25 orl-rat TDLo:14720 mg/kg (10-20D preg) DTTIAF 82,457,75
TOXICITY DATA AND REFERENCES:
2F17S25 orl-rat LD50:36 gm/kg GISAAA 48(6),20,83
ipr-rat LD50:4328 mg/kg ABBIA4 58,253,55
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JAFCAU 22(1),2,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(+-)-METHIONINE see: PD0456000
D-METHIONINE see: PD0455000
DL-METHIONINE (9CI) see: PD0456000
L-METHIONINE see: PD0457000
L-(-)-METHIONINE see: PD0457000

PD0500000 METHIONINE, N-ACETYL-, DL-
UPDT:8401 CAS: 1115-47-5 MW: 191.27 MOLFM: C7-H13-N-O3-S
SYN: ACETYL-DL-METHIONINE * DL-N-ACETYLMETHIONINE * DL-METHIONINE, N-ACETYL- (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:6700 mg/kg AIPTAK 91,163,52
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

DL-METHIONINE, N-ACETYL- (9CI) see: PD0500000

PD0510000 METHIONINE, N-(N-(3-AMINO-3,3-DIPHOSPHONOPROPYL)GLYCYL)-, DIHYDRATE
UPDT:8307 MW: 473.43 MOLFM: C11-H25-N3-O9-P2-S 2H2-O
SYN: N-(N-(3-AMINO-3,3-DIPHOSPHONOPROPYL)GLYCYL)METHIONINE DIHYDRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg KHFZAN 12(11),35,78

PD0590000 METHIONINE, N-((2-CHLOROETHYL)NITROSOCARBAMOYL)-, METHYL ESTER, L-
UPDT:8303 MW: 297.79 MOLFM: C9-H16-Cl-N3-O4-S
SYN: L-N-((2-CHLOROETHYL)NITROSOCARBAMOYL)METHIONINE METHYL ESTER * ESTER METHYLIQUE de la N-((CHLORO-2-ETHYL)NITROSOCARBAMOYL)-L-METHIONINE (French) * ICIG 1737 * MET CNU
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:13 mg/kg EJMCA5 17,257,82

PD0705000 METHIONINE, N-(4,5-DICHLORO-2-NITROPHENYL)-, DL-
UPDT:8405 MW: 339.21 MOLFM: C11-H12-Cl2-N2-O4-S
SYN: N-(4,5-DICHLORO-2-NITROPHENYL)-DL-METHIONINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:100 mg/kg JPMSAE 51,783,62

PD0710000 METHIONINE, N-(2,4-DINITROPHENYL)-, DL-
UPDT:8405 MW: 315.33 MOLFM: C11-H13-N3-O6-S
SYN: N-(2,4-DINITROPHENYL)-DL-METHIONINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:400 mg/kg JPMSAE 51,783,62

PD0715000 METHIONINE, N-(DITHIOCARBOXY)-, L-, DISODIUM SALT
UPDT:8408 CAS: 75808-47-8 MW: 269.32 MOLFM: C6-H9-N-O2-S3 2Na
SYN: L-N-(DITHIOCARBOXY)METHIONINE DISODIUM SALT
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:636 mg/kg PRLFAG 32(2),55,80

PD0720000 L-METHIONINE, N-(N-(3-(p-FLUOROPHENYL)-L-ALANYL)-3-(m-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-L- ALANYL)-, ETHYL ESTER, HYDROCHLORIDE
UPDT:8312 MW: 666.14 MOLFM: C29-H39-Cl2-F-N4-O4-S Cl-H
SYN: PTT 119
TOXICITY DATA AND REFERENCES:
3J22R21U01 ipr-rat LD50:9200 ug/kg FRPSAX 38,205,83
3J22R21U01 ivn-rat LD50:9300 ug/kg FRPSAX 38,205,83
3J22R21U01 ipr-mus LD50:21 mg/kg FRPSAX 38,205,83
3J22R21U01 ivn-mus LD50:17 mg/kg FRPSAX 38,205,83

METHIONINE, SELENO see: ES7100000

PD0777000 L-METHIONINE, mixed with SODIUM NITRITE
UPDT:8403
SYN: SODIUM NITRITE mixed with L-METHIONINE
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate ABCHA6 47,405,83
mmo-sat 1 mg/plate ABCHA6 47,405,83

METHIOPLEGIUM see: NJ6100000
METHISOPRINOL see: NM7461240
METHIUM CHLORIDE see: BQ8650000
METHIURON see: YT0200000
METHOCEL 10 see: FJ5959000
METHOCEL 15 see: FJ5959000
METHOCEL 181 see: FJ5959000
METHOCEL 400 see: FJ5959000
METHOCEL 4000 see: FJ5959000
METHOCEL A see: FJ5959000
METHOCEL CHG see: FJ5959000
METHOCEL 400CPS see: FJ5959000
METHOCEL 4000CPS see: FJ5959000
METHOCEL MC see: FJ5959000
METHOCEL MC 25 see: FJ5959000
METHOCEL MC4000 see: FJ5959000
METHOCEL MC 8000 see: FJ5959000
METHOCEL SM 100 see: FJ5959000
METHOCHLORIDE of N-METHYLURETHANE of 3-DIMETHYLAMINOPHENOL see: BR3200000
METHOCILLIN-S see: XH8920000
METHOCROTOPHOS see: TC4025000
METHODICHLOROPHEN see: UV8180000
METHOFADIN see: WP0110000
METHOFAZINE see: WP0110000
METHOFLURANE see: KN7820000
METHOGAS see: PA4900000
METHOIDAL SODIUM see: PB2250000
METHOIN see: MU2275000
METHOIN and PHENETURIDE (3:1) see: YU1230000
METHOLENE 2218 see: WI4460000
METHOLONE see: BV8060020
METHOMYL see: AK2975000
METHOPHYLLINE see: XH5600000
METHOPIRAPONE see: UC3050000
METHOPLAIN see: AY5950000
METHOPTERIN see: MA1225000
METHOPYRAPONE see: UC3050000
METHOPYRININE see: UC3050000
METHOPYRONE see: UC3050000
METHOQUINE see: AR7875000
METHORATE HYDROBROMIDE see: QD0222000
d-METHORPHAN see: QD0194000
delta-METHORPHAN see: QD0194000
d-METHORPHAN HYDROBROMIDE see: QD0222000
METHOSARB see: BV8385000
METHOSCOPYLAMINE BROMIDE see: YM3675000
METHOSERPEDINE see: ZG0525000
METHOSERPIDINE see: ZG0525000
METHOSTAN see: BV8100000
METHOTEXTRATE see: MA1225000
METHOTREXATE see: MA1225000
D-METHOTREXATE see: MA1224000
DL-METHOTREXATE see: MA1224100
METHOTREXATE, DICHLORO- see: MA1250000
METHOTREXATE DISODIUM SALT see: MA1232000
METHOTREXATE SODIUM see: MA1240000
METHOXA-DOME see: LV1400000
METHOXADONE see: RQ3500000
METHOXALEN see: LV1400000
METHOXAMIN see: DN3870000
METHOXAMINE see: DN3870000
METHOXAMINE HYDROCHLORIDE see: DN4025000
METHOXANE see: KN7820000
METHOXCIDE see: KJ3675000
METHOXIPHENADRIN HYDROCHLORIDE see: SH8050000
METHOXO see: KJ3675000
METHOXON see: AG2625000
METHOXONE see: UE9750000
METHOXONE see: AG1575000
METHOXONE see: AG2625000
METHOXONE M see: UF0250000
METHOXSALEN see: LV1400000
1-METHOXY-2-ACETAMIDOFLOURENE see: AC5775000
DL-N-(3-METHOXYACETAMIDO-5-METHYLCARBAMOYL-2,4,6-TRIIODOBENZOYL)SERINE see: VT9630000
METHOXYACETIC ACID see: AI8650000
2-METHOXYACETIC ACID see: AI8650000
METHOXYACETONE see: UC2988600
1-METHOXYACETONE see: UC2988600
p-METHOXYACETOPHENONE see: AM9240000
4'-METHOXYACETOPHENONE see: AM9240000
5-METHOXY-N-ACETYLTRYPTAMINE see: AC5955000
4'-(1-METHOXY-9-ACRIDINYLAMINO)METHANESULFONANILIDE see: PB0911000
4'-(2-METHOXY-9-ACRIDINYLAMINO)METHANESULFONANILIDE see: PB0911500
4'-(3-METHOXY-9-ACRIDINYLAMINO)METHANESULFONANILIDE see: PB0912000
4'-(4-METHOXY-9-ACRIDINYLAMINO)METHANESULFONANILIDE see: PB0913000
2-METHOXY-AETHANOL (German) see: KL5775000
2-METHOXYAETHYLACETAT (German) see: KL5950000
1-METHOXY-AETHYL-AETHYLNITROSAMIN (German) see: IA3270000
1-METHOXY-AETHYL-METHYLNITROSAMIN (German) see: KR8880000
METHOXYAETHYLQUECKSILBERCHLORID (German) see: OW0875000
p-METHOXYALLYLBENZENE see: BZ8225000
METHOXYAMINE see: NC3850000
METHOXYAMINE, HYDROCHLORIDE see: NC3980000
3-METHOXY-4-AMINOAZOBENZENE see: BZ7350000
2-METHOXY-1-AMINOBENZENE see: BZ5410000
4-METHOXY-1-AMINOBENZENE see: BZ5450000
2-METHOXY-1-AMINOBENZENE HYDROCHLORIDE see: BZ6500000
4-METHOXY-1-AMINOBENZENE HYDROCHLORIDE see: BZ6600000
6-METHOXY-2-AMINOBENZOTHIAZOLE see: DL2100000
2-METHOXY-4-AMINO-5-CHLORO-N-beta-DIETHYLAMINOETHYL)BENZAMIDE DIHYDROCHLORIDE MONOHYDRATE see: BZ3320000
2-METHOXY-3-AMINODIBENZOFURAN see: HP4900000
3-METHOXY-4-AMINODIPHENYL see: DU9700000
3-METHOXY-2-AMINODIPHENYLENE OXIDE see: HP4725000
2-METHOXY-4-AMINO-5-HYDROXYMETHYLPYRIMIDINE see: UV9278000
6-METHOXY-8-(4-AMINO-1-METHYLBUTYLAMINO)QUINOLINE see: VA9650000
1-METHOXY-2-AMINONAPHTHALENE see: QM3275000

3-METHOXY-4-AMINOSTILBENE see: WJ4600000
DL-4-METHOXYAMPHETAMINE HYDROCHLORIDE see: SH8125000
4-METHOXYAMPHETAMINE HYDROCHLORIDE see: SH8125000
o-METHOXYANILINE see: BZ5410000
p-METHOXYANILINE see: BZ5450000
2-METHOXYANILINE see: BZ5410000
4-METHOXYANILINE see: BZ5450000
o-METHOXYANILINE HYDROCHLORIDE see: BZ6500000
p-METHOXYANILINE HYDROCHLORIDE see: BZ6600000
2-METHOXYANILINE HYDROCHLORIDE see: BZ6500000
4-METHOXYANILINE HYDROCHLORIDE see: BZ6600000
2-METHOXY-p-ANISIDINE HYDROCHLORIDE see: BX4575000
4-METHOXY-o-ANISIDINE HYDROCHLORIDE see: BX4575000
3-METHOXYANISOLE see: CZ6474000
4-METHOXY-6-(beta-(p-ANISYL)VINYL)-alpha-PYRONE see: UQ1225200
3'-METHOXYAPIGENIN see: LK9278000
2-METHOXYAPORPHIN-1-OL see: CE1040000
METHOXYAZOXYMETHANOLACETATE see: PC2500000
o-METHOXYBENZALDEHYDE see: BZ2610000
p-METHOXYBENZALDEHYDE see: BZ2625000
2-METHOXYBENZALDEHYDE see: BZ2610000
4-METHOXYBENZALDEHYDE see: BZ2625000
6-METHOXYBENZALDEHYDE see: BZ2610000
3-METHOXY-1,2-BENZANTHRACENE see: CW9275000
5-METHOXY-1,2-BENZANTHRACENE see: CW9800000
10-METHOXY-1,2-BENZANTHRACENE see: CW9625000
3-METHOXY-7H-BENZ(de)ANTHRACEN-7-ONE see: CX5083000
3-METHOXYBENZANTHRONE see: CX5083000
2-METHOXYBENZENAMINE see: BZ5410000
4-METHOXYBENZENAMINE see: BZ5450000
METHOXYBENZENE see: BZ8050000
4-METHOXYBENZENEACETIC ACID see: AI8960000
4-METHOXYBENZENEAMINE see: BZ5450000
2-METHOXYBENZENEAMINE HYDROCHLORIDE see: BZ6500000
4-METHOXYBENZENEAMINE HYDROCHLORIDE see: BZ6600000
2-METHOXYBENZENECARBOXALDEHYDE see: BZ2610000
4-METHOXY-1,3-BENZENEDIAMINE see: BZ8580500
4-METHOXY-1,3-BENZENEDIAMINE SULFATE see: ST2705000
4-METHOXY-1,3-BENZENEDIAMINE SULPHATE see: ST2705000
4-METHOXYBENZENEMETHANOL see: DO8925000
2-(p-METHOXYBENZENESULFONAMIDO)-5-ISOBUTYL-1,3,4-THIADIAZOLE see: DB2780000
o-METHOXYBENZENETHIOL see: DC1790000
2-METHOXYBENZENETHIOL see: DC1790000
4-METHOXYBENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DD3790000
2-METHOXY-4H-1,2,3-BENZODIOXAPHOSPHORINE-2-SULFIDE see: DF4375000
5-METHOXYBENZOFURAN see: DF6845500
5-METHOXY-2-BENZOFURANCARBOXALDEHYDE see: DF6472000
6-METHOXY-2-BENZOFURANCARBOXALDEHYDE see: DF6472500
5-METHOXY-2-BENZOFURANYL METHYL KETONE see: OB4571030
6-METHOXY-2-BENZOFURANYL METHYL KETONE see: OB4571040
7-METHOXY-2-BENZOFURANYL METHYL KETONE see: OB4571050
o-METHOXYBENZOHYDRAZIDE see: BZ4700000
m-METHOXYBENZOIC ACID see: BZ4375000
o-METHOXYBENZOIC ACID see: VO4725000
2-METHOXYBENZOIC ACID see: VO4725000
3-METHOXYBENZOIC ACID see: BZ4375000
4-METHOXYBENZOIC ACID 4-BENZOYL-1-METHYL-4-PIPERIDINYL ESTER conjugate monoacid see: DH3522000 BENZOIC ACID, 4-METHOXY-, 4-BENZOYL-1-METHYL-4-PIPERIDINYL ESTER, conjugatemonoacid
o-METHOXYBENZOIC ACID HYDRAZIDE see: BZ4700000
p-METHOXYBENZOIC ACID HYDRAZIDE see: BZ4800000
2-METHOXYBENZOIC ACID HYDRAZIDE see: BZ4700000
4-METHOXYBENZOIC ACID HYDRAZIDE see: BZ4800000
p-METHOXYBENZOIC HYDRAZIDE see: BZ4800000
6-METHOXY-2H-1-BENZOPYRAN see: DJ2549000
5-METHOXY-2H-1-BENZOPYRAN-3-CARBONITRILE see: DJ2180000
6-METHOXY-2H-1-BENZOPYRAN-3-CARBOXALDEHYDE see: DJ2235000
7-METHOXY-2H-1-BENZOPYRAN-3-CARBOXALDEHYDE see: DJ2240000
5-METHOXY-2H-1-BENZOPYRAN-3-YL METHYL KETONE see: DJ2115000
6-METHOXYBENZO(a)PYRENE see: DJ6900000
3-(p-METHOXYBENOZYL)ACRYLIC ACID see: AT2250000 ACRYLIC ACID, 3-(p-METHOXYBENZOYL)-
METHOXYBENZOYL CHLORIDE see: CA0270000
o-METHOXYBENZOYLHYDRAZIDE see: BZ4700000
2-METHOXYBENZOYL HYDRAZIDE see: BZ4700000
4-METHOXYBENZOYL HYDRAZIDE see: BZ4800000
(p-METHOXYBENZOYL)HYDRAZINE see: BZ4800000
2-METHOXYBENZOYLHYDRAZINE see: BZ4700000
4-METHOXYBENZOYLHYDRAZINE see: BZ4800000
N-(4-METHOXY)BENZOYLOXYPIPERIDINE see: DH3600000
8-METHOXY-3,4-BENZPYRENE see: DJ6475000
p-METHOXYBENZYL ALCOHOL see: DO8925000
1-(p-METHOXYBENZYL)BIGUANIDE MONOHYDROCHLORIDE see: DU1985000
p-METHOXYBENZYL BUTYRATE see: ET5300000
N-(p-METHOXYBENZYL)-alpha,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE see: SH7880000
N-p-METHOXYBENZYL-N',N'-DIMETHYL-N-alpha-PYRIDYLETHYLENEDIAMINE see: UT0875000
N-(p-METHOXYBENZYL)-N',N'-DIMETHYL-N-2-PYRIDYLETHYLENEDIAMINE see: UT0875000
N-p-METHOXYBENZYL-N'-N'-DIMETHYL-N-alpha-PYRIDYLETHYLENEDIAMINE MALEATE see: UT1225000
N-p-METHOXYBENZYL-N',N'-DIMETHYL-N-2-PYRIMIDINYLETHYLENE DIAMINE HYDROCHLORIDE see: UV8750000
p-METHOXYBENZYL FORMATE see: AI8960000
1-(p-METHOXYBENZYL)HYDROURACIL see: MX8980000
1-(p-METHOXYBENZYL)-5-METHYLHYDROURACIL see: MX8985000
p-METHOXYBENZYL METHYL KETONE see: UC2990000
4-METHOXYBENZYL METHYL KETONE see: UC2990000
(+)-N-(p-METHOXYBENZYL)-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SH7886000
1-(2-(p-(2-(m-METHOXYBENZYL)-1-METHYL-2-PHENYL-1-BUTENYL)PHENOXY)ETHYL)PYRROLIDINE see: UY1329220
N-(p-METHOXYBENZYL)-alpha-METHYL-beta-PHENYLPHENETHYLAMINE HYDROCHLORIDE see: SH7890000
1-(p-METHOXYBENZYL)-5-METHYL-2-THIOHYDROURACIL see: MX8986000
p-(3-(p-METHOXYBENZYL)-3-METHYL-1-TRIAZENO)BENZOIC ACID see: DH3528000
2-((p-METHOXYBENZYL)OXY)MORPHOLINE HYDROCHLORIDE see: QE5555000
2-(4-METHOXYBENZYLOXY)MORPHOLINE HYDROCHLORIDE see: QE5555000
N-METHOXY-BENZYLPENICILLAMIDE see: AK8315500 ACETOHYDROXAMIC ACID, N-(2-CARBAMOYL-3,3-DIMETHYL-7-OXO-4-THIA-1-AZABICYCLO(3.2.0)HEPT-7- YL)-2-PHENYL-
p-METHOXYBENZYL PHENYLACETATE see: AJ3000000
2-(4-p-METHOXYBENZYL-1-PIPERAZINYL)ETHYL ESTER of BENZILIC ACID DIHYDROCHLORIDE see: DD3780000
N-((4-(p-METHOXYBENZYL)-1-PIPERAZINYL)METHYL)PHTHALIMIDE see: TI5602500
N-((4-(p-METHOXYBENZYL)-1-PIPERAZINYL)METHYL)SUCCINIMIDE see: WN2875000
2-(p-METHOXYBENZYL)-3,4-PYRROLIDINEDIOL 3-ACETATE see: BZ9800000
1-(p-METHOXYBENZYL)-2-THIOHYDROURACIL see: MX8990000
2-METHOXY BIPHENYL see: BZ8835000
3-METHOXYBIPHENYLAMINE see: DU9700000
1-((4-METHOXY(1,1'-BIPHENYL)-3-YL)METHYL)PYRROLIDINE see: UY1329250 PYRROLIDINE, 1-((4-METHOXY(1,1'-BIPHENYL)-3-YL)METHYL)-
2-METHOXY-4,6-BIS(ETHYLAMINO)-s-TRIAZINE see: XY3850000
2-METHOXY-4,6-BIS(ISOPROPYLAMINO)-s-TRIAZINE see: XY4200000
2-METHOXY-4,6-BIS(ISOPROPYLAMINO)-1,3,5-TRIAZINE see: XY4200000
alpha-METHOXYBUTANE see: KN5240000
1-METHOXYBUTANE see: KN5240000
3-METHOXY BUTANOIC ACID see: ET5250000
3-METHOXYBUTYL ACETATE see: EL4725000
2-METHOXY-4-sec-BUTYLAMINO-6-AETHYLAMINO-s-TRIAZIN (German) see: XY4980000
2-METHOXY-4-tert-BUTYLAMINO-6-AETHYLAMINO-s-TRIAZIN (German) see: XY5020000
3-METHOXYBUTYRIC ACID see: ET5250000
p-METHOXYCARBANILIC ACID 2-(BENZYLMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: FD9276000
m-METHOXYCARBANILIC ACID 1-(HYDROXYMETHYL)-2-PIPERIDINOETHYL ESTER CARBANILATE HYDROCHLORIDE see: FD9300200
o-METHOXYCARBANILIC ACID 2-HYDROXY-3-PIPERIDINOPROPYL ESTER HYDROCHLORIDE see: FD9300300
p-METHOXYCARBANILIC ACID 2-(METHYLPHENETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: FD9302800
p-METHOXYCARBANILIC ACID 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHYL ESTER HYDROCHLORIDE see: FD9303000
p-METHOXYCARBANILIC ACID 4-PYRIDYLMETHYL ESTER see: FD9303500
4'-METHOXYCARBONYL-N-ACETOXY-N-METHYL-4-AMINOAZOBENZENE see: DH3870000
2-(METHOXY-CARBONYLAMINO)-BENZIMIDAZOL (German) see: DD6500000
2-(METHOXYCARBONYLAMINO)-BENZIMIDAZOLE see: DD6500000
3-METHOXYCARBONYLAMINOPHENYL N-3'-METHYLPHENYLCARBAMATE see: FD9050000
2-(METHOXYCARBONYL)ANILINE see: CB3325000
METHOXYCARBONYL CHLORIDE see: FG3675000
METHOXYCARBONYLETHYLENE see: AT2800000
S-N-METHOXYCARBONYL-N-METHYLCARBAMOYLMETHYL)DIMETHYL PHOSPHONOTHIOLOTHIONATE see: TA7565000
1-(METHOXYCARBONYLMETHYL)-1-(3-(p-METHYLBENZyl0-2-BUTENYL)PIPERIDINIUM CHLORIDE see: TN4721500
(2-METHOXYCARBONYL-1-METHYL-VINYL)-DIMETHYL-FOSFAAT (Dutch) see: GQ5250000
(2-METHOXYCARBONYL-1-METHYL-VINYL)-DIMETHYL-PHOSPHAT (German) see: GQ5250000
2-METHOXYCARBONYL-1-METHYLVINYL DIMETHYL PHOSPHATE see: GQ5250000
cis-2-METHOXYCARBONYL-1-METHYLVINYL DIMETHYLPHOSPHATE see: GQ5250000
2-(METHOXYCARBONYL)PHENYL 3-PYRIDINECARBOXYLATE 1-OXIDE see: US5783700
1-METHOXYCARBONYL-1-PROPEN-2-YL DIMETHYL PHOSPHATE see: GQ5250000
N-(3-METHOXYCARBONYLPROPYL)-N-(1-ACETOXYBUTYL)NITROSAMINE see: ET4210000
METHOXYCHLOR see: KJ3675000
p,p'-METHOXYCHLOR see: KJ3675000
METHOXYCHLOR mixed with DIAZINON see: KH5900000
METHOXYCHLOR (DOT) see: KJ3675000
2-METHOXY-6-CHLORO-9-(4-BIS(2-CHLOROETHYL)AMINO-1-METHYLBUTYLAMINO)ACRIDINE DIHYDROCHLORIDE see: AR7580000
2-METHOXY-6-CHLORO-9-(3-(2-CHLOROETHYL)AMINOPROPYLAMINO) ACRIDINE, DIHYDROCHLORIDE see: AR7678000
2-METHOXY-6-CHLORO-9-(3-(2-CHLOROETHYL)MERCAPTOPROPYLAMINO)ACRIDINE HYDROCHLORIDE see: AR7690000
2-METHOXY-6-CHLORO-9-(4-DIETHYLAMINO-1-METHYLBUTYLAMINO)ACRIDINE DIHYDROCHLORIDE see: AR7875000
2-METHOXY-6-CHLORO-9-DIETHYLAMINOPENTYLAMINOACRIDINE see: AR7700000
2-METHOXY-6-CHLORO-9-(3-(ETHYL-2-CHLOROETHYL)AMINOPROPYLAMINO)ACRIDINE DIHYDROCHLORIDE see: AR7680000
2-METHOXY-6-CHLORO-9-(3-(ETHYL-2-CHLOROETHYL)AMINOPROPYLAMINO)ACRIDINE DIHYDROCHLORIDE see: AR7580000
2-((2-METHOXY-5-CHLOROPHENYL)AZO)-1H-IMIDAZOLE see: NI4396300
2-((2-METHOXY-5-CHLORPHENYL)AZO)-1H-IMIDAZOL (German) see: NI4396300
5-METHOXYCHRYSENE see: GC1300000
6'-METHOXYCINCHONAN-9-OL see: VA4725000
6-METHOXYCINCHONINE see: VA6020000
o-METHOXY CINNAMALDEHYDE see: GD6590000
2-METHOXYCINNAMALDEHYDE see: GD6590000
cis-o-METHOXYCINNAMIC ACID see: GD9720000
cis-2-METHOXYCINNAMIC ACID see: GD9720000
o-METHOXYCINNAMIC ALDEHYDE see: GD6590000
17-beta-(p-METHOXYCINNAMOYL)ANDROST-4-EN-3-ONE see: BV8520000
METHOXYCITRONELLAL METHYL ETHER see: RG7890000
3-METHOXY-17-beta-CYANETHOXYESTRA-1,3,5(10)-TRIEN see: UG3200000
3-METHOXY-17-beta-CYANETHOXYOESTRA-1,3,5(10)-TRIEN see: UG3200000
3-METHOXY-DBA see: HN5250000
9-METHOXY-DBA see: HN5425000
METHOXY-DDT see: KJ3675000
2-METHOXY-5,6,6a,7,7a,8,9,10,11,12a-DECAHYDROBENZO(g)PYRIDO(1,2-a)INDOLE HYDROCHLORIDE see: DK0710000
1-METHOXYDECANE see: KN7510000
O-METHOXYDEOXYGUANOSINE see: MF8790000
10-METHOXYDESERPIDINE see: ZG0525000
10-METHOXY-11-DESMETHOXYRESERPINE see: ZG0525000
3-METHOXY-1,2:5,6-DIBENZANTHRACENE see: HN5250000
5-METHOXYDIBENZ(a,h)ANTHRACENE see: HN5250000
7-METHOXYDIBENZ(a,h)ANTHRACENE see: HN5425000
9-METHOXY-1,2,5,6-DIBENZANTHRACENE see: HN5425000
2-METHOXY-3,6-DICHLOROBENZOIC ACID see: DG7525000
(3-METHOXY-4-((N,N-DIETHYLCARBAMIDO)METHOXY)PHENYL)ACETIC ACID n-PROPYL ESTER see: AG9625000
METHOXYDIGLYCOL see: KL6125000
5-METHOXY-2-(DIMETHOXYPHOSPHINYLTHIOMETHYL)PYRONE-4 see: TF8225000
2'-METHOXY-4-DIMETHYLAMINOAZOBENZENE see: BX6125000
3-METHOXY-4-DIMETHYLAMINOAZOBENZENE see: BZ6400000
3'-METHOXY-4-DIMETHYLAMINOAZOBENZENE see: BX6300000
4'-METHOXY-4-DIMETHYLAMINOAZOBENZENE see: BX6475000
10-METHOXY-1,6-DIMETHYLERGOLINE-8-METHANOL 5-BROMO-3-PYRINDINECARBOXYLATE (ester) see: KE6341000
10-METHOXY-1,6-DIMETHYL-ERGOLIN-8-beta-METHANOL-(5-BROMNICOTINAT) (German) see: KE6341000
o-METHOXY-N,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE see: SH8050000
erythro-2-(p-(p-METHOXY-alpha,beta-DIMETHYLPHENETHYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE2112600
7-METHOXY-alpha,10-DIMETHYLPHENOTHIAZINE-2-ACETIC ACID see: SN5090000
trans-1-(2-(p-(7-METHOXY-2,2-DIMETHYL-3-PHENYL-4-CHROMANYL)PHENOXY)ETHYL)PYRROLIDINE see: UY1329280

9-METHOXY-5,11-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOLE see: UU8840000
2-METHOXYDITHIOCARBANILIC ACID TRIMETHYLSILYL ESTER see: FD9290000
METHOXYDIURON see: YS9100000
METHOXYDON(E) see: RQ3500000
9-METHOXYELLIPTICIN see: UU8840000
9-METHOXYELLIPTICINE see: UU8840000
9-METHOXYELLIPTICINE HYDROCHLORIDE see: UU8841000 6H-PYRIDO(4,3-b)CARBAZOLE, 5,11-DIMETHYL-9-METHOXY-, HYDROCHLORIDE, HYDRATE
9-METHOXYELLIPTICINE LACTATE see: UU8842000 6H-PYRIDO(4,3-b)CARBAZOLE, 5,11-DIMETHYL-9-METHOXY-, LACTATE
3-METHOXY-ESTRA-1,3,5(10)-TRIENE-17-beta-OL see: KG7732000
3-METHOXYESTRA-1,3,5(10)-TRIENE-17-THIOL see: KG7680000
3-METHOXYESTRA-1,3,5(10)-TRIEN-17-beta-OL see: KG7732000
3-METHOXYESTRA-1,3,5(10)-TRIEN-17-OL see: KG7731800
3-((3-METHOXYESTRA-1,3,5(10)-TRIEN-17-beta-YL)OXY)PROPIONITRILE see: UG3200000
2-METHOXYETHANOL see: KL5775000
2-METHOXYETHANOL, ACETATE see: KL5950000
2-METHOXYETHANOL PHOSPHATE (3:1) see: KL6569400
METHOXY ETHER of PROPYLENE GLYCOL see: UB7700000
3-METHOXY-17-alpha-ETHINYLESTRADIOL see: RC8960000
11-alpha-METHOXYETHINYLESTRADIOL see: RC8943900
3-METHOXY-17-alpha-ETHINYLOESTRADIOL see: RC8960000
2-(2-METHOXYETHOXY)ETHANOL see: KL6125000
2-(2-METHOXYETHOXY)ETHANOL ACETATE see: KL6300000
2-(2-(2-METHOXYETHOXY)ETHOXY)ETHANOL see: KL6390000
N-(5-(2-METHOXYETHOXY)-2-PYRIMIDINYL)BENZENESULFONAMIDE SODIUM SALT see: DB2920000
2-METHOXY-ETHYL ACETAAT (Dutch) see: KL5950000
2-METHOXYETHYL ACETATE see: KL5950000
1-(2-METHOXYETHYL)AMIDINO-3-(2 6-XYLYL)-UREA HYDROCHLORIDE see: YT1459200
2-METHOXY-4-ETHYLAMINO-6-ISOPROPYLAMINO-s-TRIAZINE see: XY8750000
S-(2-((2-METHOXYETHYL)AMINO-2-OXOETHYL) O,O-DIMETHYL) PHOSPHORODITHIOATE see: TE1575000
3-METHOXY-10-ETHYL-1,2-BENZANTHRACENE see: CW5950000
(2-METHOXYETHYL)BENZENE see: KO2230000
2-METHOXYETHYL CARBAMATE see: KL6100000
S-(N-2-METHOXYETHYLCARBAMOYLMETHYL)DIMETHYL PHOPHOROTHIOLOTHIONATE see: TE1575000
4-METHOXY-9-(3-(ETHYL-2-CHLOROETHYL)AMINOPROPYLAMINO)ACRIDINE DIHYDROCHLORIDE see: AR8200000
beta-METHOXYETHYLDICHLOROARSINE see: CH4200000
((METHOXY-2 ETHYL)-1 DIHYDRO-1,4 PYRIDYLENE-4 YL)-2 INDANEDIONE-1,3 (French) see: NK5775100
2-METHOXYETHYLE, ACETATE DE (French) see: KL5950000
1-METHOXY-ETHYL-ETHYLNITROSAMINE see: IA3270000
1-(alpha-METHOXYETHYL)INDOLE see: NL9560000
METHOXYETHYL MERCURIC ACETATE see: OV6300000
METHOXYETHYL MERCURIC CHLORIDE see: OW0875000
(beta-METHOXYETHYL)MERCURIC CHLORIDE see: OW0875000
2-METHOXYETHYLMERCURIC CHLORIDE see: OW0875000
METHOXYETHYLMERCURY ACETATE see: OV6300000
METHOXYETHYLMERCURY CHLORIDE see: OW0875000
beta-METHOXYETHYLMERCURY CHLORIDE see: OW0875000
2-METHOXYETHYLMERCURY CHLORIDE see: OW0875000
1-METHOXY-ETHYL-METHYLNITROSAMINE see: KR8880000
2-METHOXYETHYL PHTHALATE see: TI1400000
2-(1-(2-METHOXYETHYL)-4(1H)-PYRIDINYLIDENE)-1,3-INDANDIONE see: NK5775100
2-(1-(2-METHOXYETHYL)-4(1H)-PYRIDINYLIDENE)-1H-INDENE-1,3(2H)-DIONE see: NK5775100
2-(METHOXYETHYLTHIO)ETHANOL see: KL6420000
3-METHOXYETHYNYLESTRADIOL see: RC8960000
3-METHOXY-17-alpha-ETHYNYLESTRADIOL see: RC8960000
3-METHOXY-17-alpha-ETHYNYL-1,3,5(10)-ESTRATRIEN-17-beta-OL see: RC8960000
3-METHOXYETHYNYLOESTRADIOL see: RC8960000
3-METHOXY-17-alpha-ETHYNYLOESTRADIOL see: RC8960000
3-METHOXY-17-ETHYNYLOESTRADIOL-17-beta see: RC8960000
3-METHOXY-17-alpha-ETHYNYL-1,3,5(10)-OESTRATRIEN-17-beta-OL see: RC8960000
1-METHOXY-2-FAA see: AC5775000
7-METHOXY-2-FAA see: AC5950000
1-p-METHOXYFENYL-3,3-DIMETHYLTRIAZEN (Czech) see: XY1225000
METHOXYFLUORAN see: KN7820000
METHOXYFLUORANE see: KN7820000
1-METHOXYFLUOREN-2-AMINE, HYDROCHLORIDE see: LL5425000
1-METHOXY-2-FLUORENAMINE HYDROCHLORIDE see: LL5425000
N-(1-METHOXY-2-FLUORENYL)ACETAMIDE see: AC5775000
N-(1-METHOXYFLUOREN-2-YL)ACETAMIDE see: AC5775000
N-(7-METHOXY-2-FLUORENYL)ACETAMIDE see: AC5950000
N-(7-METHOXYFLUOREN-2-YL)ACETAMIDE see: AC5950000
7-METHOXY-N-2-FLUORENYLACETAMIDE see: AC5950000
2-((2-METHOXY-5-FLUOROPHENYL)AZO)-1H-IMIDAZOLE see: NI6259400
2-((2-METHOXY-5-FLUORPHENYL)AZO)-1H-IMIDAZOL (German) see: NI6259400
METHOXYFLURANE see: KN7820000
8-METHOXY-(FURANO-3',2':6,7-COUMARIN) see: LV1400000
9-METHOXY-7H-FURO(3,2-g)BENZOPYRAN-7-ONE see: LV1400000
9-METHOXY-2',3',6,7-FUROCOUMARIN see: LV1400000
8-METHOXY-4',5',6,7-FUROCOUMARIN see: LV1400000
METHOXYHYDRASTINE see: RD2625000
METHOXYHYDRASTINE HYDROCHLORIDE see: NP7225000
3-METHOXY-4-HYDROXYBENZALDEHYDE see: YW5775000
4-METHOXY-2-HYDROXYBENZOPHENONE see: DJ1575000
3-METHOXY-4-HYDROXY-BENZYLACETONE see: EL8900000
1-(3-METHOXY-4-HYDROXYBENZYLIDEN)AMINO-3,3-DIAETHYL-5-METHYL-2,4-PIPERIDINDION (German) see: TM7348000
beta-METHOXY-beta'-HYDROXYDIETHYL ETHER see: KL6125000
METHOXYHYDROXYETHANE see: KL5775000
6-METHOXY-3-(p-HYDROXYPHENYL)-2-PHENYLBENZO(b)THIOPHENE see: SL7843000
6-METHOXY-1-(p-HYDROXYPHENYL)-2-PHENYL-3,4-DIHYDRONAPHTHALENE see: SL7845000
8-METHOXY-4-HYDROXYQUINOLINE-2-CARBOXYLIC ACID see: UZ9550000
7-METHOXY-IMIDAZO(1,2-a)QUINOXALINE see: NJ5926000
5-METHOXY-INDOLE-2,3-DIONE see: NL7938000
5-METHOXYINDOLE-3-ETHANOL see: NL8513000
(5-METHOXY-3-INDOLYL)-(4-PIPERIDYL-METHYL)-KETON HYDROCHLORID (German) see: OB4571080
(5'-METHOXY-3'-INDOLYL)-beta-PYRIDYLMETHANOL see: NL9486800 3-INDOLEMETHANOL, 5-METHOXY-alpha-(3-PYRIDYL)-
5-METHOXYISATIN see: NL7938000
2-METHOXY-4-ISOPROPYLAMINO-6-ETHYLAMINO-S-TRIAZINE see: XY8750000
METHOXYKARBATOX see: QK4246000
METHOXYLAMINE HYDROCHLORIDE see: NC3980000
METHOXYLENE see: UT1750000
2-(METHOXYMETHOXY)ETHANOL see: KL6475000
4-METHOXY-2-(5-METHOXY-3-METHYL-1H-PYRAZOL-1-YL)-6-METHYLPYRIMIDINE see: UV9290000
6-METHOXY-2-(p-METHOXY-N-(2-MORPHOLINOETHYL)BENZYLAMINO)BENZOTHIAZOLE FUMARATE (1:1) see: DL5140000
2-(p-METHOXY-alpha-(p-METHOXYPHENACYL)BENZYL)-3,4-DIHYDRO-1(2H)-NAPHTHALENONE see: QK4808000
p-METHOXY-alpha-(4-METHOXYPHENYL)HYDROCINNAMIC ACID HYDRAZIDE see: MW5540200 HYDROCINNAMICACID, p-METHOXY-alpha-(4-METHOXYPHENYL)-, HYDRAZIDE
2-(p-(6-METHOXY-2-(p-METHOXYPHENYL)-2-INDENYL)PHENOXY)TRIETHYLAMINE HYDRIODIDE see: YE2112700
2-(p-(6-METHOXY-2-(p-METHOXYPHENYL)-3-INDENYL)PHENOXY)TRIETHYLAMINE HYDRIODIDE see: YE2112750
METHOXY-2(METHOXY-2 PHENYL)-4 OXADIAZOLINE-1,3,4 ONE-5 (French) see: RO0874400
2-METHOXY-4-(o-METHOXYPHENYL)-delta(sup 2)-1,3,4-OXADIAZOLIN-5-ONE see: RO0874400
5-METHOXY-2-(4-METHOXYPHENYL)-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-1H-INDOLE see: NL9620000
3-METHOXY-5-(p-METHOXYPHENYL)-as-TRIAZINE see: XZ0355000
6-METHOXY-2-(p-METHOXY-N-(2-(1-PYRROLIDINYL)ETHYL)BENZYLAMINO)BENZOTHIAZOLE FUMARATE (1:1) see: DL5143000
4-METHOXY-6-(p-METHOXYSTYRYL)-2H-PYRAN-2-ONE see: UQ1225200
METHOXYMETHYL-AETHYLNITROSAMIN (German) see: KR8850000
3-METHOXYMETHYLAMINOAZOBENZENE see: BZ7000000
4-METHOXY-2-(METHYLAMINO)-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-PYRIDINECARBOXAMIDE see: UV7714650
(E)-(3-(METHOXYMETHYLAMINO)-1-METHYL-3-OXO-1-PROPENYL)DIMETHYL PHOSPHATE see: TC4025000
2-METHOXY-5-METHYLANILINE see: BZ6720000
4-METHOXY-2-METHYLANILINE see: BZ6730000
3-METHOXY-7-METHYLBENZ(c)ACRIDINE see: CU3858000 BENZ(c)ACRIDINE, 3-METHOXY-7-METHYL-
3-METHOXY-10-METHYL-1,2-BENZANTHRACENE see: CX0175000
5-METHOXY-10-METHYL-1,2-BENZANTHRACENE see: CX0525000
7-METHOXY-12-METHYLBENZ(a)ANTHRACENE see: CX0350000
2-METHOXY-5-METHYLBENZENAMINE see: BZ6720000
4-METHOXY-2-METHYLBENZENAMINE see: BZ6730000
2-METHOXY-6-METHYL-p-BENZOQUINONE see: DK6140000
3-METHOXY-17-METHYL-15H-CYCLOPENTAPHANTHRENE see: GY5685000
11-METHOXY-17-METHYL-15H-CYCLOPENTA(a)PHENANTHRENE see: GY5690000
1-METHOXY-1-METHYL-3-(3,4-DICHLOROPHENYL)UREA see: YS9100000
4-METHOXY-6-(beta-(3',4'-METHYLENEDIOXYPHENYL)VINYL)-5,6-DIHYDRO-alpha-PYRONE see: UQ0517000
3-METHOXY-16-alpha-METHYLESTRA-1,3,5(10)-TRIENE-16-beta,17-beta-DIOL see: KG7560000
3-METHOXY-4-METHYLESTRA-1,3,5(10)-TRIEN-17-OL see: KG7732500
2-((((METHOXY(1-METHYLETHOXY)PHOSPHINOTHIOYL)THIO)METHYL)THIO)ETHYL ETHYLCARBAMATE see: FA9500000
S-(2-(METHOXY(1-METHYLETHYL)AMINO)-2-OXOETHYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TE1300000
METHOXYMETHYL-ETHYLNITROSAMINE see: KR8850000
5-METHOXY-2-METHYLFURANOCHROMONE see: LV1420000
4-METHOXY-7-METHYL-5H-FURO(3,2-g)(1)-BENZOPYRAN-5-ONE see: LV1420000
5-METHOXY-2-METHYL-3-INDOLYLACETOHYDROXAMSAURE (German) see: NL2534000
N-(2-(5-METHOXY-2-METHYL-3-INDOLYL)ETHYL)ACETAMIDE see: AC5956000
METHOXYMETHYL ISOCYANATE see: NQ9240000
METHOXYMETHYL ISOCYANATE (DOT) see: NQ9240000
METHOXYMETHYL METHANESULFONATE see: PB2400000
7-METHOXYMETHYL-12-METHYLBENZ(a)ANTHRACENE see: CX0600000
METHOXYMETHYL METHYL KETONE see: UC2988600
5-METHOXY-2-METHYL-3-(1-METHYL-2-MORPHOLINOETHYL)BENZOFURAN HYDROCHLORIDE see: DF6845900
METHOXYMETHYL-METHYLNITROSAMIN (German) see: IQ0250000
METHOXYMETHYL-METHYLNITROSAMINE see: IQ0250000
8-METHOXY-2-METHYL-4-(2-METHYLPIPERIDINO)QUINOLINE see: VC0357000
d-3-METHOXY-N-METHYLMORPHINAN HYDROBROMIDE see: QD0222000
7-METHOXY-3-METHYL-8-(MORPHOLINOMETHYL)FLAVONE see: LK8694000
7-METHOXY-3-METHYL-8-(MORPHOLINOMETHYL)-2-PHENYLCHROMONE see: LK8694000
4-METHOXY-2-METHYL-5-MORPHOLINO-3(2H)-PYRIDAZINONE see: UR6573500
(+)-6-METHOXY-alpha-METHYL-2-NAPHTHALENEACETIC ACID see: UF5275000
(S)-6-METHOXY-alpha-METHYL-2-NAPHTHALENE ACETIC ACID see: UF5275000
L-(-)-6-METHOXY-alpha-METHYL-2-NAPHTHALENEACETIC ACID SODIUM SALT see: QJ1047000
alpha-(METHOXYMETHYL)-2-NITRO-1H-IMIDAZOLE-1-ETHANOL see: NI5572000
p-METHOXY-N-METHYL-N-NITROSOBENZYLAMINE see: DP5605100
N-METHOXYMETHYL-N-NITROSO-sec-BUTYLAMINE see: EO5227000
17-METHOXY-7-alpha-METHYL-19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE see: RC9044000 19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE, 17-METHOXY-7-alpha-METHYL-
3-METHOXY-5-METHYL-4-OXO-2,5-HEXADIENOIC ACID see: MM2625000
3-METHOXY-5-METHYL-4-OXO-2,5-HEXADIENOIC ACID SODIUM SALT see: MM2630000
3-((4-(5-(METHOXYMETHYL)-2-OXO-3-OXAZOLIDINYL)PHENOXY)METHYL)BENZONITRILE see: DI4710000
N-(7-METHOXY-3-METHYL-4-OXO-2-PHENYL-4H-CHROMEN-8-YL)METHYL-N,N-DIMETHYLAMINE see: LK8400000
5-METHOXY-2-METHYL-1-(1-OXO-3-PHENYL-2-PROPENYL)-1H-INDOLE-3-ACETIC ACID see: NL3523000
4-METHOXY-4-METHYL-2-PENTANONE see: SA9185000
4-METHOXY-4-METHYLPENTAN-2-ONE (DOT) see: SA9185000
p-METHOXY-alpha-METHYL-PHENETHYL ALCOHOL see: SG8580000
dl-p-METHOXY-alpha-METHYL-PHENETHYLAMINE HYDROCHLORIDE see: SH8125000
m-METHOXY-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SH8120000
m-METHOXY-beta-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SH8121000
o-METHOXY-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SH8124200
o-METHOXY-beta-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SH8124300
p-METHOXY-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SH8124400
p-METHOXY-beta-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SH8124500
2-(p-(p-METHOXY-alpha-METHYLPHENETHYL)PHENOXY)TRIETHYLAMINE CITRATE see: YE2112800
2-(p-(p-METHOXY-beta-METHYLPHENETHYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE2112850
trans-6-METHOXY-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID METHYL ESTER see: DF3514000
3-METHOXY-10-METHYL-11-PHENYLDIBENZO(b,f)THIEPIN see: HQ2636000
N-(4-(METHOXYMETHYL)-1-(2-PHENYLETHYL)-4-PIPERIDINYL)-N-PHENYLPROPANAMIDE see: TX1474000
3-(4-METHOXY-2-METHYLPHENYL)-5-(m-METHOXYPHENYL)-s-TRIAZOLE see: XZ4929350
3-(5-METHOXY-2-METHYLPHENYL)-5-(m-METHOXYPHENYL)-s-TRIAZOLE see: XZ4929400
1-(2-METHOXY-6-METHYLPHENYL)-3-METHYLAMIDINO-UREA HYDROCHLORIDE see: YT5290000
5-METHOXY-2-METHYL-1-(PHENYLMETHYL)-1H-INDOLE-3-ETHANAMIDE MONOHYDROCHLORIDE see: NL4025000
2-METHOXY-6-METHYL-N-PHENYL-NICOTINAMIDINE see: QS4739000
7-METHOXY-3-METHYL-2-PHENYL-8-(PIPERIDINOMETHYL)CHROMONE see: LK8724000
4-beta-METHOXY-1-METHYL-4-alpha-PHENYL-3-alpha,5-alpha-PROPANOPIPERIDINE HYDROGEN CITRATE see: CL5495000
7-METHOXY-3-METHYL-8-(PIPERIDINOMETHYL)FLAVONE see: LK8724000

2-METHOXY-10-(2-(1-METHYL-2-PIPERIDYL)ETHYL)PHENOTHIAZINE see: SP0875000
3-METHOXY-10-(2'-(N-METHYLPIPERIDYL-2')-ETHYL)PHENOTHIAZINE see: SP0875000
2-(1-(METHOXYMETHYL)-2-PROPENYL)PHENYL METHYLCARBAMATE see: FC3400000
2-(3-METHOXY-5-METHYLPYRAZOL-2-YL)-4-METHOXY-6-METHYLPYRIMIDINE see: UV9290000 PYRIMIDINE,4-METHOXY-2-(5-METHOXY-3-METHYL-1H-PYRAZOL-1-YL)-6-METHYL-
7-METHOXY-1-METHYL-9H-PYRIDO(3,4-b)INDOLE HYDROCHLORIDE see: MG9450000
1-(4-METHOXY-6-METHYL-2-PYRIMIDINYL)-3-METHYL-5-METHOXYPYRAZOLE see: UV9290000 PYRIMIDINE,4-METHOXY-2-(5-METHOXY-3-METHYL-1H-PYRAZOL-1-YL)-6-METHYL-
p-METHOXY-beta-METHYLSTYRENE see: BZ8925000
2-(p-(p-METHOXY-alpha-METHYLSTYRYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE2112900
2-(p-(p-METHOXY-beta-METHYLSTYRYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE2112950
2-(4-METHOXY-2-(2-(METHYLSULFINYL)ETHOXY)PHENYL)-1H-IMIDAZO(4,5-b)PYRIDINE see: NJ5749000
2-(2-METHOXY-4-(METHYLSULFINYL)PHENYL)-1H-IMIDAZO(4,5-b)PYRIDINE see: NJ5749500
5-METHOXY-2-METHYLTHIAZOLE see: XJ5092000
N-(4-(METHOXYMETHYL)-1-(2-(2-THIENYL)ETHYL)-4-PIPERIDINYL)-N-PHENYLPROPIONAMIDE see: UE5295000
N-(4-(METHOXYMETHYL)-1-(2-(2-THIENYL)ETHYL)-4-PIPERIDYL)PROPIONANILIDE see: UE5295000
6-METHOXY-3-METHYL-1,7,8-TRIHYDROXYANTHRAQUINONE see: CB7883000
3-METHOXY-4-MONOMETHYLAMINOAZOBENZENE see: BZ7000000
3-METHOXY-5-(p-MORPHOLINOPHENYL)-as-TRIAZINE see: XZ0356000
METHOXYN see: SH5075000
METHOXYNAL see: AG0440000 ACETIC ACID, (p-CHLOROPHENOXY)-, 2-DIMETHYLAMINOETHYL ESTER,HYDROCHLORIDE
2-METHOXYNAPHTHOQUINONE see: QL8960000
2-METHOXY-1,4-NAPHTHOQUINONE see: QL8960000
1-METHOXY-2-NAPHTHYLAMINE see: QM3250000
1-METHOXY-2-NAPHTHYLAMINE HYDROCHLORIDE see: QM3275000
(+)-2-(METHOXY-2-NAPHTHYL)-PROPIONIC ACID see: UF5275000
d-2-(6-METHOXY-2-NAPHTHYL)PROPIONIC ACID see: UF5275000 PROPIONIC ACID, 2-(METHOXY-2-NAPHTHYL)-, (+)-
(+)-2-(METHOXY-2-NAPHTHYL)-PROPIONSAEURE (German) see: UF5275000
d-2-(6'-METHOXY-2'-NAPHTHYL)-PROPIONSAEURE (German) see: UF5275000
3-METHOXY-5-(1-NAPHTHYL)-as-TRIAZINE see: XZ0357000
3-METHOXY-5-(2-NAPHTHYL)-as-TRIAZINE see: XZ0358000
2-METHOXY-5-NITROANILINE see: BZ7175000
2-METHOXY-4-NITROAZOBENZENE see: CN2704900
3-METHOXY-4-NITROAZOBENZENE see: CN2705000
2-METHOXY-5-NITROBENZENAMINE see: BZ7175000
m-METHOXYNITROBENZENE see: BZ8787000
p-METHOXYNITROBENZENE see: BZ8800000
1-METHOXY-2-NITROBENZENE see: BZ8790000
2-METHOXYNITROBENZENE see: BZ8790000
3-METHOXYNITROBENZENE see: BZ8787000
4-METHOXYNITROBENZENE see: BZ8800000
5-METHOXY-2-NITROBENZIMIDAZOLE see: DD9092000
2-METHOXY-6-NITRO-4H-1,3,2-BENZODIOXAPHOSPHORIN-2-SULFIDE see: TE9632000
5-METHOXY-2-NITROBENZOFURAN see: DF6850000
2-METHOXY-5-NITROBENZYLBROMIDE see: XS7966500
5-METHOXY-2-NITRONAPHTHO(1,2-b)FURAN see: QL0838000
5-METHOXY-2-NITRONAPHTHO(2,1-b)FURAN see: QL0839000
6-METHOXY-2-NITRONAPHTHO(2,1-b)FURAN see: QL0839800
7-METHOXY-2-NITRONAPHTHO(2,1-b)FURAN see: QL0840000
8-METHOXY-2-NITRONAPHTHO(2,1-b)FURAN see: QL0840200
8-METHOXY-2-NITRONAPHTHO(2,3-b)FURAN see: QL0840600
9-METHOXY-2-NITRONAPHTHO(2,1-b)FURAN see: QL0840400
8-METHOXY-6-NITROPHENANTHOL (3,4-d) 1,3-DIOXOLE-5-CARBOXYLIC ACID see: CF3325000
8-METHOXY-6-NITROPHENANTHRO(3,4-d)-1,3-DIOXOLE-5-CARBOXYLIC ACID SODIUM SALT see: SF8281000
2-((4-METHOXY-2-NITROPHENYL)AMINO)ETHANOL see: KL6520000 ETHANOL, 2-((4-METHOXY-2-NITROPHENYL)AMINO)-
6-METHOXY-8-NITROQUINOLINE see: VC0365000
N-METHOXY-N-NITROSOMETHYLAMINE see: PF8600000
3-METHOXY-6-NITROSOPHENOL see: SL7805000
5-METHOXY-2-NITROSOPHENOL see: SL7805000
5-METHOXY-N-NITRO-2,4,6-TRINITROSO-m-TOLUIDINE see: XU7886000
2-METHOXYNORAPORPHIN-1-OL see: RB6009000
3-METHOXY-19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-2,17-DIOL see: RC8944200 19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-2,17-DIOL, 3-METHOXY-
3-METHOXY-19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-4,17-DIOL see: RC8945050 19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-4,17-DIOL, 3-METHOXY-
11-alpha-METHOXY-19-NOR-17-alpha-1,3,5(10)-PREGNATRIEN-20-YNE-3,17-DIOL see: RC8943900
11-alpha-METHOXY-19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIOL see: RC8944500
(17-alpha)-3-METHOXY-19-NORPREGNA-1,3,5(10)-TRIEN-20-YN-17-OL see: RC8960000
3-METHOXY-17-alpha-19-NORPREGNA-1,3,5(10)-TRIEN-20-YN-17-OL see: RC8960000
3-METHOXY-19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YN-17-OL see: RC8960000
D-threo-METHOXY-3-(1-OCTENYL-ONN-AZOXY)-2-BUTANOL see: EL5075000
3-METHOXYOESTRADIOL see: KG7732000
3-METHOXY-15-OXA-19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YN-17-OL see: RP3380000
3-METHOXY-11-OXO-19-NORCARDA-1,3,5(10)-TRIENOLIDE see: RC0810000
S-5-METHOXY-4-OXOPYRAN-2-YLMETHYL DIMETHYL PHOSPHOROTHIOATE see: TF8225000
S-((5-METHOXY-2-OXO-1,3,4-THIADIAZOL-3(2H)-YL)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE see: TE2100000
2-METHOXY-1-(PENTYLOXY)-4-(1-PROPENYL)-BENZENE see: DA5350000
2-(alpha-(p-METHOXYPHENACYL)BENZYL)-3,4-DIHYDRO-1(2H)-NAPHTHALENONE see: QK4809000
2-(p-METHOXY-alpha-PHENACYLBENZYL)-3,4-DIHYDRO-1(2H)-NAPHTHALENONE see: QK4809010
2-p-METHOXYPHENACYLCYCLOHEXANE-1,3-DIONE see: GV0745000
METHOXYPHENAMINE HYDROCHLORIDE see: SH8050000
METHOXYPHENAMINIUM CHLORIDE see: SH8050000
8-METHOXYPHENANTHRO(3,4-d)-1,3-DIOXOLE-5-CARBOXYLIC ACID see: SF8278000
8-METHOXYPHENANTHRO(3,4-d)-1,3-DIOXOLE-5-CARBOXYLIC ACID METHYL ESTER see: SF8279000PHENANTHRO(3,4-d)-1,3-DIOXOLE-5-CARBOXYLIC ACID, 8-METHOXY-, METHYL ESTER
6-METHOXY-1-PHENAZINOL 5,10-DIOXIDE see: SG1660000
m-METHOXYPHENETHYLAMINE HYDROCHLORIDE see: SH8095000
4-(beta-METHOXYPHENETHYL)-alpha-PHENYL-1-PIPERAZINEPROPANOL DIHYDROCHLORIDE see: TM2675000
m-METHOXYPHENOL see: SL7524000
o-METHOXYPHENOL see: SL7525000
p-METHOXYPHENOL see: SL7700000
2-METHOXYPHENOL see: SL7525000
3-METHOXYPHENOL see: SL7524000
4-METHOXYPHENOL see: SL7700000
5-(2-(2-METHOXYPHENOXY)ETHYL)-1H-TETRAZOLE see: XF7472400
5-(2-(4-METHOXYPHENOXY)ETHYL)-1H-TETRAZOLE see: XF7472450
3-(o-METHOXYPHENOXY)-2-HYDROXYPROPYL-1-NICOTINATE see: QT1960000
2-((o-METHOXYPHENOXY)METHYL)-2-METHYL-1,3-PROPANEDIOL see: TY8762000
5-(o-METHOXYPHENOXYMETHYL)-2-OXAZOLIDINONE see: RQ3500000
5-(o-METHOXYPHENOXYMETHYL)-2-OXAZOLIDONE see: RQ3500000
3-((o-METHOXYPHENOXY)METHYL)-3-OXETANEMETHANOL see: RQ6884000
2-(p-METHOXYPHENOXYMETHYL)OXIRANE see: DA0176000
3-(o-METHOXYPHENOXY)-2-METHYL-1,2-PROPANEDIOL see: TY8760010
3-(p-METHOXYPHENOXY)-2-METHYL-1,2-PROPANEDIOL see: TY8760020
2-((p-METHOXYPHENOXY)METHYL)-1-MORPHOLINOMETHYLBENZIMIDAZOLE see: DD9095000
2-((p-METHOXYPHENOXY)METHYL)-1-((2-PYRIDYLAMINO)METHYL)BENZIMIDAZOLE see: DD9096000
2-((p-METHOXYPHENOXY)METHYL)-1-((4-PYRIDYLAMINO)METHYL)BENZIMIDAZOLE see: DD9096500
2-((p-METHOXYPHENOXY)METHYL)-1-((PYRROLIDINYL)METHYL)BENZIMIDAZOLE see: DD9097500
2-((p-METHOXYPHENOXY)METHYL)-1-((2-THIAZOLYLAMINO)METHYL)BENZIMIDAZOLE see: DD9098500
2-((o-METHOXYPHENOXY)METHYL)-3-(2-THIAZOLYL)-4(3H)-QUINAZOLINONE see: VA3675600
N-(4-(4-METHOXYPHENOXY)PHENYL)-N,N-DIMETHYLUREA see: YT0180000
3-(p-METHOXYPHENOXY)-5-PHENYL-as-TRIAZINE see: XZ0358500
3-o-METHOXYPHENOXYPROPANE 1:2-DIOL see: TY8400000
3-(o-METHOXYPHENOXY)-1,2-PROPANEDIOL see: TY8400000
3-(o-METHOXYPHENOXY)-1,2-PROPANEDIOL DINICOTINATE see: QT1870000
3-(o-METHOXYPHENOXY)-1,2-PROPANEDIOL mixed with 3-(o-TOLYLOXY)-1,2-PROPANEDIOL (2:1) see: TY8765000
2-(p-METHOXYPHENOXY)-N-(2-(1-PYRROLIDINYL)ETHYL)-o-ACETANISIDIDE HYDROCHLORIDE see: AE8303000 o-ACETANISIDIDE, 2-(p-METHOXYPHENOXY)-N-(2-(1-PYRROLIDINYL)ETHYL)-,MONOHYDROCHLORIDE
p-METHOXYPHENYLACETIC ACID see: AI8960000
4-METHOXYPHENYLACETIC ACID see: AI8960000
p-METHOXYPHENYLACETONE see: UC2990000
beta-(o-METHOXYPHENYL)ACROLEIN see: GD6590000
o-METHOXYPHENYLAMINE see: BZ5410000
p-METHOXYPHENYLAMINE see: BZ5450000
o-METHOXYPHENYLAMINE HYDROCHLORIDE see: BZ6500000
p-METHOXYPHENYLAMINE HYDROCHLORIDE see: BZ6600000
4-p-METHOXYPHENYLAMINOPYRROLO(3,2-d)PYRIMIDINE see: UY8838000
1-((o-METHOXYPHENYL)AMINOTHIOCARBONYL)-4-HYDROXY-4-PHENYL PIPERIDINE see: TM6123000
1-((p-METHOXYPHENYL)AMINOTHIOCARBONYL)-4-HYDROXY-4-PHENYL PIPERIDINE see: TM6124000
N-(p-METHOXYPHENYL)-1-AZIRIDINECARBOXAMIDE see: CM6770000
4-((p-METHOXYPHENYL)AZO)-o-ANISIDINE see: BZ6650000
2-((2-METHOXYPHENYL)AZO)-1H-IMIDAZOLE see: NI6890000
N-(2-METHOXY-4-(PHENYLAZO)PHENYL)HYDROXYLAMINE see: NC3725000
N-(o-METHOXYPHENYL)BENZAMIDINE see: CV6283000
o-(4-(m-METHOXYPHENYL)-3H-1,5-BENZODIAZEPIN-2-YL)PHENOL see: SL7842100
o-(4-(o-METHOXYPHENYL)-3H-1,5-BENZODIAZEPIN-2-YL)PHENOL see: SL7842200
1-(2-(p-(6-METHOXY-2-PHENYL-3-BENZOFURANYL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE see: UY1329350
1-(2-(p-(6-METHOXY-2-PHENYLBENZOFURAN-3-YL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE see: UY1329350
1-(3-(p-(6-METHOXY-2-PHENYL-3-BENZOFURANYL)PHENOXY)PROPYL)PYRROLIDINE HYDROCHLORIDE see: UY1329370
2-(p-(6-METHOXY-2-PHENYL-3-BENZOFURANYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE2113050
1-(2-(4-(7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)ETHYL)PYRROLIDINE see: UY1329390
1-(2-(4-(6-METHOXY-2-PHENYLBENZO(b)THIEN-3-YL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE see: UY1329410
4-(6-METHOXY-2-PHENYLBENZO(b)THIEN-3-YL)PHENOL see: SL7843000
1-(2-(p-(6-METHOXY-2-PHENYLBENZO(b)THIEN-3-YL)PHENOXY)ETHYL)-2-PYRROLIDINONE see: UY5782000
1-(2-(4-(7-METHOXY-3-PHENYL-1H-2-BENZOTHIOPYRAN-4-YL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE see: UY1329430
1-(p-METHOXYPHENYL)BIGUANIDE HYDROCHLORIDE see: DU2040000
1-(1-(p-METHOXYPHENYL)BUTYL)PYRROLIDINE HYDROCHLORIDE see: UY1329400
2-(p-METHOXYPHENYL)BUTYRIC ACID see: ET5280000
p-METHOXYPHENYL-N-CARBAMOYLAZIRIDINE see: CM6770000
alpha-p-METHOXYPHENYL-alpha-DI-n-BUTYLAMINOACETAMIDE see: AB6365000
2-(m-METHOXYPHENYL)-5,6-DIHYDROIMIDAZO(2,1-a)ISOQUINOLINE see: NI3016000
2-(o-METHOXYPHENYL)-5,6-DIHYDROIMIDAZO(2,1-a)ISOQUINOLINE see: NI3017000
2-(p-METHOXYPHENYL)-5,6-DIHYDROIMIDAZO(2,1-a)ISOQUINOLINE see: NI3018000
2-(3-METHOXYPHENYL)-5,6-DIHYDROIMIDAZO(2,1-a)ISOQUINOLINE see: NI3016000
p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOL see: SL7845000
4-(2-(p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)ETHYL)MORPHOLINE HYDROCHLORIDE see: QE5570000
1-(2-(p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)ETHYL)PIPERIDINE HYDROCHLORIDE see: TN1064000
1-(2-(p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE see: UY1329550
3-(p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)-1,2-PROPANEDIOL see: TY8782000
3-(p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)PROPIONIC ACID ETHYL ESTER see: UF5279000
2-(p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)TRIETHYLAMINE see: YE2113130
2-(p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE2113160
2-(m-METHOXYPHENYL)-5,6-DIHYDRO-s-TRIAZOLO(5,1-a)ISOQUINOLINE see: XZ5478600
2-(p-METHOXYPHENYL)-5,6-DIHYDRO-s-TRIAZOLO(5,1-a)ISOQUINOLINE see: XZ5478550
2-(3-METHOXYPHENYL)-5,6-DIHYDRO-s-TRIAZOLO(5,1-a)ISOQUINOLINE see: XZ5478600
1-(m-METHOXYPHENYL)-2-DIMETHYLAMINOMETHYLCYCLOHEXAN-1-OL HYDROCHLORIDE see: GV8940000
1-(p-METHOXYPHENYL)-3,3-DIMETHYL-TRIAZENE see: XY1225000
alpha-(p-METHOXYPHENYL)-beta,beta-DIPHENYLACRYLONITRILE see: AT6900000
2-(p-METHOXYPHENYL)-3,3-DIPHENYLACRYLONITRILE see: AT6900000
5-(p-METHOXYPHENYL)-1,2-DITHIACYCLOPENT-4-ENE-3-THIONE see: JP1292500
5-(p-METHOXYPHENYL)-3H-1,2-DITHIOLE-3-THIONE see: JP1292500
p-METHOXY-m-PHENYLENEDIAMINE see: BZ8580500
2-METHOXY-p-PHENYLENEDIAMINE see: ST2692000
4-METHOXY-m-PHENYLENEDIAMINE see: BZ8580500
4-METHOXY-m-PHENYLENEDIAMINE SULFATE see: ST2705000
p-METHOXY-m-PHENYLENEDIAMINE SULPHATE see: ST2705000
4-METHOXY-m-PHENYLENEDIAMINE SULPHATE see: ST2705000
1-(2-METHOXY-2-PHENYL)ETHYL-4-(2-HYDROXY-3-METHOXY-3-PHENYL)PROPYLPIPERAZINE DIHYDROCHLROIDE see: TL9310000
1-(2-METHOXY-2-PHENYLETHYL)-4-(3-HYDROXY-3-PHENYLPROPYL)PIPERAZINE DIHYDROCHLORIDE see: TM2675000
5-(p-METHOXYPHENYL)-2-FURAMIDINE HYDROCHLORIDE see: LT8521200
5-(4'-METHOXYPHENYL)-2-FURAMIDINE HYDROCHLORIDE see: LT8521200
o-METHOXYPHENYL GLYCERYL ETHER see: TY8400000
METHOXYPHENYL GLYCIDYL ETHER see: DA0176000

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

p-METHOXYPHENYL GLYCIDYL ETHER see DA0176000
alpha-(p-METHOXYPHENYL)HYDROCINNAMIC ACID HYDRAZIDE see MW5540400 HYDROCINNAMIC ACID, alpha-(p-METHOXYPHENYL)-, HYDRAZIDE
p-METHOXY-alpha-PHENYLHYDROCINNAMIC ACID HYDRAZIDE see MW5540600 HYDROCINNAMIC ACID, p-METHOXY-alpha-PHENYL-, HYDRAZIDE
2-(m-METHOXYPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE see NI3023000
2-(o-METHOXYPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE see NI3024000
2-(p-METHOXYPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE see NI3025000
2-(3-METHOXYPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE see NI3023000
2-(p-METHOXYPHENYL)-1,3-INDANDIONE see NK5775300
2-(p-METHOXYPHENYL)INDANE-1,3-DIONE see NK5775300
2-(4-METHOXYPHENYL)-1H-INDENE-1,3(2H)-DIONE see NK5775300
2-(p-(6-METHOXY-2-PHENYLINDEN-3-YL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see YE2113400
2-(p-(6-METHOXY-2-PHENYL-3-INDENYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see YE2113400
N-(o-METHOXYPHENYL)ISONICOTINAMIDINE see NS0989000
N-(p-METHOXYPHENYL)ISONICOTINAMIDINE see NS0990000
beta-(o-METHOXYPHENYL)ISOPROPYLMETHYLAMINE HYDROCHLORIDE see SH8050000
2-p-METHOXYPHENYLMETHYL-3-ACETOXY-4-HYDROXYPYRROLIDINE see BZ9800000
alpha-(2-METHOXYPHENYL)-beta-METHYLAMINOPROPANE HYDROCHLORIDE see SH8050000
9-beta-METHOXY-9-alpha-PHENYL-3-METHYL-3-AZABICYCLO(3.3.1)NONANE CITRATE see CL5495000
N-(4-METHOXYPHENYL)-3-METHYL-2-BENZOFURANCARBOXAMIDE see DF6474000 2-BENZOFURANCARBOXAMIDE, N-(p-METHOXYPHENYL)-3-METHYL-
N-(5-((4-METHOXYPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE see US4675200
2-(p-METHOXYPHENYL)-1-METHYLIMIDAZOLIDINE see NI9507000
p-METHOXYPHENYL METHYL KETONE see AM9240000
4-METHOXYPHENYL METHYL KETONE see AM9240000
1-(p-METHOXYPHENYL)-3-METHYL-3-NITROSOUREA see YT6452000
3-(m-METHOXYPHENYL)-1-METHYL-3-PROPYLPYRROLIDINE see UY1330000
3-(3-METHOXYPHENYL)-1-METHYL-3-PROPYLPYRROLIDINE see UY1330000
3-(p-METHOXYPHENYL)-2-METHYL-4(3H)-QUINAZOLINONE see VA3675500
2-(p-METHOXYPHENYL)-2-METHYL-1-THIA-3-AZA-2-SILACYCLOPENTANE see XI0630000
2-(p-METHOXYPHENYL)-2-METHYL-1,3,2-THIAZAGERMOLIDINE see XJ0417000
2-(p-METHOXYPHENYL)-2-METHYLTHIAZOLIDINE see XJ6053000
5-(p-METHOXYPHENYL)-3-(METHYLTHIO)-as-TRIAZINE see XZ0358700
N-(o-METHOXYPHENYL)-1-NAPHTHAMIDINE see QK7255000
N-(p-METHOXYPHENYL)-1-NAPHTHAMIDINE see QK7260000
1-(2-(p-(7-METHOXY-2-PHENYLNAPHTHO(2,1-b)FURAN-1-YL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE see UY1343000
N-(o-METHOXYPHENYL)NICOTINAMIDINE see QS4740000
N-(p-METHOXYPHENYL)NICOTINAMIDINE see QS4750000
1-(2-(p-(alpha-(p-METHOXYPHENYL)-beta-NITROSTYRYL)PHENOXY)ETHYL)PYRROLIDINE see UY1350000
1-(2-(p-(alpha-(p-METHOXYPHENYL)-beta-NITROSTYRYL)PHENOXY)ETHYL)PYRROLINE CITRATE (1:1) see UY1348500
3-(p-METHOXYPHENYL)-5-NITRO-2-PHENYLBENZO(b)THIOPHENE see DL9693000
1-(2-(p-(alpha-(p-METHOXYPHENYL)-beta-NITROSTYRYL)PHENOXY)ETHYL) PYRROLIDINE MONOCITRATE see UY1348500
2-(p-METHOXYPHENYL)-4-(OXIRANYLMETHOXY)-1-PHENYL-1H-INDOLE see NL9803000
4-(4-METHOXYPHENYL)-4-OXO-2-BUTENOIC ACID see AT2250000 ACRYLIC ACID, 3-(p-METHOXYBENZOYL)
4-(4-METHOXYPHENYL)-4-OXO-BUTEN-2-SAEURE (German) see AT2250000 ACRYLIC ACID, 3-(p-METHOXYBENZOYL)
1-(4-METHOXYPHENYL)-1-PENTEN-3-ONE see SB3927000
10-(((1-(4-METHOXYPHENYL)PHENETHYLIDENE)HYDRAZINO)ACETYL)-10H-PHENOTHIAZINE see SP0910000
2-(p-(p-METHOXY-alpha-PHENYLPHENETHYL)PHENOXY)TRIETHYLAMINE see YE2113440
trans-3-(o-METHOXYPHENYL)-2-PHENYLACRYLIC ACID see AT2290000
2-(p-(2-(p-METHOXYPHENYL)-1-PHENYL-1-BUTENYL)PHENOXY)TRIETHYLAMINE see YE2113490
2-(p-(2-(p-METHOXYPHENYL)-1-PHENYL-1-BUTENYL)PHENOXY)TRIETHYLAMINE CITRATE see YE2113510
4-(p-METHOXYPHENYL)-2-PHENYL-5,6-DIHYDRO-4H-NAPHTHO(1,2-b)THIOPYRAN see QM0688500
2-(p-METHOXYPHENYL)-4-PHENYL-5,6-DIHYDRONAPHTHO(1,2-b)THIOPYRYLIUM TRIFLUOROACETATE see QM0701300
4-(p-METHOXYPHENYL)-2-PHENYL-5,6-DIHYDRONAPHTHO(1,2-b)THIOPYRYLIUM TRIFLUOROACETATE see QM0701310
4-(p-METHOXYPHENYL)-2-PHENYL-3,4,4a,5,6,10b-HEXAHYDRO-2H-NAPHTHO(1,2-b)THIOPYRAN see QM0691000
2-(p-METHOXYPHENYL)-1-PHENYL-1H-INDOL-4-OL see NM3201700
1-((2-(4-METHOXYPHENYL)-1-PHENYL-1H-INDOL-4-YL)OXY)-3-(ISOPROPYLAMINO)-2-PROPANOL HCl see UB7893000
2-(p-(1-((p-METHOXYPHENYL)PHENYLMETHYLENE)PROPYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see YE2113530
1-(2-((1-(p-METHOXYPHENYL)-2-PHENYLNAPHTHO(2,1-b)FURAN-8-YL)OXY)ETHYL)PYRROLIDINE HCl see UY1382000
1-(2-(p-(3-(m-METHOXYPHENYL)-2-PHENYL-1-PENTENYL)PHENOXY)ETHYL)PYRROLIDINE see UY1385000
1-(2-(p-(3-(m-METHOXYPHENYL)-2-PHENYL-1-PROPENYL)PHENOXY)ETHYL)PYRROLIDINE see UY1387000
1-(2-(p-(3-(p-METHOXYPHENYL)-2-PHENYL-1-PROPENYL)PHENOXY)ETHYL)PYRROLIDINE see UY1388000
2-(p-(1-(p-METHOXYPHENYL)-2-PHENYLPROPENYL)PHENOXY)TRIETHYLAMINE CITRATE see YE2113550
3-m-METHOXYPHENYL-2-PHENYL-4'-beta-PYRROLIDINOETHOXYACRYLOPHENONE see FL7060000
3-m-METHOXYPHENYL-2-PHENYL-1-(p-beta-PYRROLIDINOETHOXY)PHENYLPROPENE see UY1387000
3-(m-METHOXYPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)ACRYLOPHENONE see FL7060000
erythro-3-(m-METHOXYPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)VALEROPHENONE see YV9050000
7-(2-(4-(2-METHOXYPHENYL)-1-PIPERAZINYL)ETHYL)-5H-1,3-DIOXOLO(4,5-f)INDOLE TARTRATE see JI4660000
4-(4-(o-METHOXYPHENYL)-1-PIPERAZINYL)-p-FLUOROBUTYROPHENONE see EU3640000
3-(4-(p-METHOXYPHENYL)-1-PIPERAZINYLMETHYL)-4(3H)-QUINAZOLINONE DIHYDROCHLORIDE see VA3676200
6-(3-(4-(o-METHOXYPHENYL)-1-PIPERAZINYL)PROPYLAMINO)-1,3-DIMETHYLURACIL see YQ9862000
1-(p-METHOXYPHENYL)-2-PROPANOL see SG8580000
1-(p-METHOXYPHENYL)-2-PROPANONE see UC2990000
beta-m-METHOXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE see SH8121000
beta-o-METHOXYPHENYL n-PROPYLAMINE HYDROCHLORIDE see SH8124300
beta-p-METHOXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE see SH8124500
beta-(4-METHOXYPHENYL)-beta-PROPYLTHIOETHYLAMINE HYDROCHLORIDE see SH8943000
2-(m-METHOXYPHENYL)-PYRAZOLO(5,1-a)ISOQUINOLINE see UR0135000
N-(2-METHOXYPHENYL)-N-(2-PYRROLIDINOETHYL)-4-METHOXYPHENOXYACETAMIDE HYDROCHLORIDE see AE8303000 o-ACETANISIDIDE, 2-(p-METHOXYPHENOXY)-N-(2-(1-PYRROLIDINYL)ETHYL)-, MONOHYDROCHLORIDE
3-METHOXY-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)CHALCONE see FL7060000
N-(p-METHOXYPHENYL)-5H-PYRROLO(3,2-d)PYRIMIDIN-4-AMINE see UY8838000
2-(p-(alpha-(p-METHOXYPHENYL)STYRYL)PHENOXY)TRIETHYLAMINE CITRATE MONOHYDRATE see YE2113570
N-(p-METHOXYPHENYL)-SYDNON (German) see WU7690300
3-(p-METHOXYPHENYL)SYDNONE see WU7690300
3-(o-METHOXYPHENYL)SYDNONE IMINE MONOHYDROCHLORIDE see WU7679800
N-(o-METHOXYPHENYL)-SYDNONIMIN HYDROCHLORID (German) see WU7679800
2-(4-METHOXYPHENYL)-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-1H-INDOLE see NL9805000
5-METHOXY-2-PHENYL-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-1H-INDOLE see NL9805100
6-METHOXY-2-PHENYL-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-1H-INDOLE see NL9805200
1-(4-(p-METHOXYPHENYL)-2-THIAZOLYL)HYDANTOIN see MU2496000
1-(p-METHOXYPHENYL)-2-THIOBARBITURIC ACID see CQ7160900 BARBITURIC ACID, 1-(p-METHOXYPHENYL)-2-THIO-
7-METHOXY-3-PHENYL-4-(p-TOLYL)-1,2-DIHYDRONAPHTHALENE see QJ4379000
6-METHOXY-2-PHENYL-1-(p-TOLYL)-1,2,3,4-TETRAHYDRO-1-NAPHTHOL see QL5422000
5-(m-METHOXYPHENYL)-3-(m-TOLYL)-s-TRIAZOLE see XZ4929050
5-(m-METHOXYPHENYL)-3-(o-TOLYL)-s-TRIAZOLE see XZ4929100
5-(m-METHOXYPHENYL)-3-(p-TOLYL)-s-TRIAZOLE see XZ4929150
5-(o-METHOXYPHENYL)-3-(o-TOLYL)-s-TRIAZOLE see XZ4929200
3-METHOXY-5-PHENYL-as-TRIAZINE see XZ0358600
5-(p-METHOXYPHENYL)-as-TRIAZINE-3-THIOL see XZ0970000
2-(3-METHOXYPHENYL)-5H-s-TRIAZOLO(5,1-a)ISOINDOLE see XZ5478100
2-(m-METHOXYPHENYL)-s-TRIAZOLO(5,1-a)ISOQUINOLINE see XZ5479200
o-(5-(m-METHOXYPHENYL)-s-TRIAZOL-3-YL)BENZALDEHYDE see CU7033000
2-(3-(3-METHOXYPHENYL)-s-TRIAZOL-5-YL)BENZALDEHYDE see CU7033000
o-(5-(m-METHOXYPHENYL)-s-TRIAZOL-3-YL)BENZYL ALCOHOL see DO9180000
1-(o-METHOXYPHENYL)-4-(3,4,5-TRIMETHOXYBENZOYL)ACETYL)-PIPERAZINE see TM1058500
3-(p-METHOXYPHENYL)TRITHIONE see JP1292500
4-METHOXY-6-(beta-PHENYLVINYL)-5,6-DIHYDRO-alpha-PYRONE see UQ0518000
5-(m-METHOXYPHENYL)-3-(2,4-XYLYL)-s-TRIAZOLE see XZ4929250
5-(m-METHOXYPHENYL)-3-(2,5-XYLYL)-s-TRIAZOLE see XZ4929300
6-METHOXY-2-(N-(2-PIPERIDINOETHYL)-p-METHOXYBENZYLAMINO)BENZOTHIAZOLE FUMARATE (1:1) see DL5350000
10-(3-(4-METHOXYPIPERIDINO)PROPYL)PHENOTHIAZINE see SP0914000
10-(3-(4-METHOXYPIPERIDINO)PROPYL)PHENOTHIAZIN-2-YL METHYL KETONE see OB4583000
10-(3-(4-METHOXYPIPERIDINO)PROPYL)PHENOXAZINE see SP7687000
10-(3-(4-METHOXYPIPERIDINO)PROPYL)PHENOXAZIN-2-YL METHYL KETONE see OB4584000
2-METHOXY-4-(4-PIPERONYL-1-PIPERAZINYL)-s-TRIAZINE HYDROCHLORIDE see XZ0358750

PE8263000 METHOXY POLYETHYLENE GLYCOL 350
UPDT 8401 CAS: 9004-74-4 MOLFM: (C2-H4-O)n C-H4-O
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 7/8/71
TOXICITY DATA AND REFERENCES:
orl-rat LD50:22 gm/kg UCDS** 7/8/71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PE8268000 METHOXY POLYETHYLENE GLYCOL 550
UPDT 8401 CAS: 9004-74-4 MOLFM: (C2-H4-O)n C-H4-O
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 4/17/67
TOXICITY DATA AND REFERENCES:
orl-rat LD50:40 gm/kg UCDS** 4/17/67
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

alpha,omega-METHOXYPOLY(ETHYLENE OXIDE) see MC9630000 GLYCOLS, POLYETHYLENE, DIMETHYLETHER
alpha-METHOXY PROPANE see KO2280000
1-METHOXYPROPANE see KO2280000
METHOXYPROPANEDIOL see TY8400000
1-METHOXY-2-PROPANOL see UB7700000
METHOXY-2-PROPANONE see UC2988600
1-METHOXY-2-PROPANONE see UC2988600
METHOXYPROPAZINE see XY4200000
2-METHOXYPROPENE see UD0800000
1-METHOXY-4-PROPENYLBENZENE see BZ8925000
1-METHOXY-4-(1-PROPENYL)BENZENE see BZ8925000
1-METHOXY-4-(2-PROPENYL)BENZENE see BZ8225000
4-METHOXYPROPENYLBENZENE see BZ8925000
2-METHOXY-4-PROPENYLPHENOL see SL7875000
2-METHOXY-4-(2-PROPENYL)PHENOL see SJ4375000
2-METHOXY-4-PROP-2-ENYLPHENOL see SJ4375000
cis-2-METHOXY-4-PROPENYLPHENOL see SL7877000
trans-2-METHOXY-4-PROPENYLPHENOL see SL7876000
2-METHOXY-4-PROPENYLPHENYL ACETATE see SL7940000
3-METHOXYPROPIONITRILE see UG3150000
3-(2-METHOXY-4-PROPIONYLPHENOXY)-1,2-PROPANEDIOL see UH0525000
6-METHOXY-8-(5-PROPYLAMINOAMYLAMINO)QUINOLINE PHOSPHATE see VC0367000
8-((3-METHOXYPROPYL)AMINO)CAFFEINE see EV6579000 CAFFEINE, 8-((3-METHOXYPROPYL)AMINO)-
8-(gamma-METHOXYPROPYL)-AMINOCOFFEIN (German) see EV6579000 CAFFEINE, 8-((3-METHOXYPROPYL)AMINO)-
6-METHOXY-8-((5-(PROPYLAMINO)PENTYL)AMINO)QUINOLINE PHOSPHATE see VC0367000
1-METHOXY-4-PROPYLBENZENE see BZ9450000
1-(3-METHOXYPROPYL)BIGUANIDE MONOHYDROCHLORIDE see DU2040200
2-METHOXY-4-PROPYLPHENOL see SL8050000
1-METHOXYPROPYLPROPYLNITROSAMIN (German) see UI3340000
1-METHOXYPROPYLPROPYLNITROSAMINE see UI3340000
3'-METHOXY-N-PROPYL-2',4',6'-TRIIODOSUCCINANILIC ACID see WM4750200
8-METHOXYPSORALEN see LV1400000
9-METHOXYPSORALEN see LV1400000
8-METHOXYPSORALENE see LV1400000
3-METHOXYPYRAZINE SULFANILAMIDE see WP0175000
N(sup 1)-(3-METHOXYPYRAZINYL)SULFANILAMIDE see WP0175000
N(sup 1)-(3-METHOXY-2-PYRAZINYL)SULFANILAMIDE see WP0175000
N(sup 1)-(6-METHOXY-3-PYRIDAZINYL)SULFANILAMIDE see WP0400000
4-METHOXY-2-PYRIDINETHIOACETAMIDE see UR8459000
7-METHOXY-10H-PYRIDO(2,3-b)PYRIMIDO(4,5-e)(1,4)THIAZINE-2,4-DIAMINE see UV1173150
5-METHOXY-alpha-(3-PYRIDYL)-3-INDOLEMETHANOL see NL9486800 3-INDOLEMETHANOL, 5-METHOXY-alpha-(3-PYRIDYL)-
METHOXYPYRIMAL SODIUM see WP0600000
N(sup 1)-(5-METHOXY-2-PYRIMIDINYL)SULFANILAMIDE, SODIUM SALT see WP0600000
5-((5-METHOXY-4H-PYRON-2-YL)-METHYL)-O,O-DIMETHYL-MONOTHIOFOSFAAT (Dutch) see TF8225000
5-((5-METHOXY-4H-PYRON-2-YL)-METHYL)-O,O-DIMETHYL-MONOTHIOPHOSPHAT (German) see TF8225000
5-(5-METHOXY-4-PYRON-2-YLMETHYL)DIMETHYL PHOSPHOROTHIOLATE see TF8225000
1-(alpha-METHOXY-alpha-(beta-PYRROLIDINOETHOXY)BENZYL)CYCLOHEXANOL HYDROCHLORIDE see OB4773000

5-METHOXY-2-(p-(2-(1-PYRROLIDINYL)ETHOXY)ANILINO)BENZOTHIAZOLE see: DL5400000
3-METHOXY-4-PYRROLIDINYLMETHYLDIBENZOFURAN see: HP5295000
6-METHOXY-3-(p-(2-(N-PYRROLIDYL)ETHOXY)PHENYL)-2-PHENYLBENZO(b)FURAN HYDROCHLORIDE see: UY1329350
6-METHOXY-3-(p-(2-(1-PYRROLIDYL)ETHOXY)PHENYL)-2-PHENYLBENZO(b)THIOPHENE HYDROCHLORIDE see: UY1329410
2-((3-METHOXY-5-(1H-PYRROL-2-YL)-2H-PYRROL-2-YLIDENE)METHYL)-5-UNDECYL-1H-PYRROLE see: UX9639300
4-METHOXYQUINAZOLINE see: VA1465000
N-(4-((6-METHOXY-8-QUINOLINYL)AMINO)PENTYL)OCTANAMIDE see: RG7958000
4-(6-((6-METHOXY-8-QUINOLYL)AMINO)HEXYL)-alpha-1-PIPERAZINEPROPANOL MALEATE see: TM2676100
1-(6-METHOXY-4-QUINOLYL)-3-(3-VINYL-4-PIPERIDYL)-1-PROPANONE OXALATE see: UC2992000
alpha-(6-METHOXY-4-QUINOLYL)-5-VINYL-2-QUINUCLIDINEMETHANOL see: VA6020000
alpha-(6-METHOXY-4-QUINOLYL)-5-VINYL-2-QUINUCLIDINEMETHANOL see: VA4725000
3-METHOXYSALICYLALDEHYDE see: CU6530000
3-METHOXY-16,17-SECOESTRA-1,3,5(10),6,8-PENTAEN-17-OIC ACID see: VS3040000
METHOXY SIMAZINE see: XY3850000
3-METHOXY-4-STILBENAMINE see: WJ4600000
2-METHOXY-STRYCHNINE see: GJ9990000
4-METHOXY-6-STYRYL-2H-PYRAN-2-ONE see: UQ1240000
5-METHOXYSULFADIAZINE SODIUM see: WP0600000
3-METHOXY-2-SULFANILAMIDOPYRAZINE see: WP0175000
6-METHOXY-3-SULFANILAMIDOPYRIDAZINE see: WP0400000
3-METHOXY-2-SULFAPYRAZINE see: WP0175000
6-METHOXYTETRAHYDRO-beta-CARBOLINE see: UV0725000
6-METHOXY-1,2,3,4-TETRAHYDRO-beta-CARBOLINE see: UV0725000
7-METHOXY-3',4',5,6-TETRAHYDROXYFLAVONE TETRAACETATE see: LK9275470
METHOXYTETRODOTOXIN see: XF8887000 TETRODOTOXIN, O(sup 4)-METHYL-
4-METHOXYTETRODOTOXIN see: XF8887000 TETRODOTOXIN, O(sup 4)-METHYL-
3-METHOXY-5-(2-THIENYL)-as-TRIAZINE see: XZ0358800
2-METHOXYTHIOPHENOL see: DC1790000
4-METHOXYTHIO-2-PYRIDINEACETAMIDE see: UR8459000
p-METHOXYTOLUENE see: BZ8780000
4-METHOXYTOLUENE see: BZ8780000
4-METHOXY-m-TOLUIDINE see: BZ6720000
4-METHOXY-TOLUOQUINONE see: DK6140000
3-METHOXY-2,5-TOLUQUINONE see: DK6140000
2-(p-(6-METHOXY-2-(p-TOLYL)-3-INDENYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE2113650
3-(4-METHOXY-o-TOLYL)-5-(m-METHOXYPHENYL)-s-TRIAZOLE see: XZ4929350
3-(5-METHOXY-o-TOLYL)-5-(m-METHOXYPHENYL)-s-TRIAZOLE see: XZ4929400
3-METHOXY-5-(p-TOLYL)-as-TRIAZINE see: XZ0358900
2-METHOXY-3,5,6-TRICHLOROBENZOIC ACID see: BZ5075000
2-METHOXYTRICYCLOQUINAZOLINE see: YD2980000
3-METHOXYTRICYCLOQUINAZOLINE see: YD2985000
3-METHOXY-5-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-as-TRIAZINE see: XZ0359000
METHOXYTRIGLYCOL see: KL6390000
METHOXYTRIGLYCOL ACETATE see: AI8800000
3-METHOXY-5,7,8-TRIHYDROXYFLAVONE see: LK8654000
m-METHOXY-N,N,alpha-TRIMETHYLPHENETHYLAMINE HYDROCHLORIDE see: SH8948000
o-METHOXY-N,N,alpha-TRIMETHYL-PHENETHYLAMINE HYDROCHLORIDE see: SH8949000
p-METHOXY-N,N,alpha-TRIMETHYLPHENETHYLAMINE HYDROCHLORIDE see: SH8949100
5-METHOXYTRYPTAMINE HYDROCHLORIDE see: NL4110000
6-METHOXYTRYPTAMINE HYDROCHLORIDE see: NL4125000
6-METHOXYTRYPTOLINE see: UV0725000
5-METHOXYTRYPTOPHOL see: NL8513000
N-METHOXYURETHANE see: KL6100000
p-METHOXY-alpha-VINYLBENZYL ALCOHOL ACETATE (ester) see: DO9205000
2-METHOXY-4-VINYLPHENOL see: SL8205000
6-METHOXY-alpha-(5-VINYL-2-QUINUCLIDINYL)-4-QUINOLINEMETHANOL see: VA4725000
4'-METHOXYVULPINIC ACID see: LT8524900
METHOZIN see: CD2450000
METHPHENOXYDIOL see: TY8400000
METHRAZONE see: UQ8530000
METHSCOPOLAMINE BROMIDE see: YM3675000
METHSUXIMIDE see: WN2625000
METHULOSE see: FJ5959000
METHVTIOLO (Italian) see: PB4375000
METHYBOL see: BV8060050
METHYCHLOTHIAZIDE see: DK8575000
METHYCLOTHIAZIDE see: DK8575000
METHYCYCLOTHIAZIDE see: DK8575000
METHYL ABIETATE see: TP8590000
METHYLACETAAT (Dutch) see: AI9100000
METHYLACETALDEHYDE see: UE0350000
N-METHYLACETAMIDE see: AC5960000
METHYLACETAMIDE see: AC5960000
m-METHYLACETANILIDE see: AN2875000
o-METHYLACETANILIDE see: AN2900000
2-METHYLACETANILIDE see: AN2900000
2'-METHYLACETANILIDE see: AN2900000
3-METHYLACETANILIDE see: AN2875000
3'-METHYLACETANILIDE see: AN2875000
METHYLACETAT (German) see: AI9100000
METHYL ACETATE see: AI9100000
METHYL ACETATE (DOT) see: AI9100000
METHYL ACETIC ACID see: UE5950000
METHYLACETIC ANHYDRIDE see: UF9100000
METHYL ACETIMIDATE see: AK2936000
METHYLACETOACETATE see: AK5775000
N-METHYLACETOHYDROXAMIC ACID see: AL0788000
METHYL ACETONE see: EL6475000
METHYL ACETONE (DOT) see: EL6475000
p-METHYLACETOPHENONE see: AM9463000
4'-METHYLACETOPHENONE see: AM9463000
METHYLACETOPYRONONE see: UP8050000
N-METHYL-N-(alpha-ACETOXYBENZYL)NITROSAMINE see: DP0530000
METHYL-beta-ACETOXYETHYL-beta-CHLOROETHYLAMINE see: KK1575000
METHYL(ACETOXYMETHYL)NITROSAMINE see: AI9150000
6-METHYL-17-alpha-ACETOXYPREGNA-4,6-DIENE-3,20-DIONE see: TU4075000
6-alpha-METHYL-17-alpha-ACETOXYPREGN-4-ENE-3,20-DIONE see: TU5010000
6-alpha-METHYL-17-ACETOXY PROGESTERONE see: TU5010000
6-alpha-METHYL-17-alpha-ACETOXYPROGESTERONE see: TU5010000
METHYL ACETYLACETATE see: AK5775000
METHYL ACETYLACETONATE see: AK5775000
3-METHYL-4-ACETYLAMINOBIPHENYL see: AN3675000
1-METHYL-4-ACETYLBENZENE see: AM9463000
beta-METHYLACETYLCHOLINE see: BR5200000
METHYL ACETYLENE see: UK4250000
METHYLACETYLENE-PROPADIENE, stabilized (DOT) see: UK4920000
METHYL ACETYLENE - PROPADIENE MIXTURE see: UK4920000
1-METHYL-1-ACETYLHYDRAZID (German) see: AI9102500
N-METHYL-N-ACETYLNITROSOUREA see: YR6890000
alpha-METHYLACROLEIN see: OZ2625000
beta-METHYL ACROLEIN see: GP9625000
beta-METHYLACROLEIN see: GP9499000
2-METHYLACROLEIN see: OZ2625000
4'-(2-METHYL-9-ACRIDINYLAMINO)METHANESULFONANILIDE see: PB0930000
METHYLACRYLAAT (Dutch) see: AT2800000
METHYLACRYLALDEHYDE see: OZ2625000
2-METHYLACRYLAMIDE see: UC6475000
METHYL-ACRYLAT (German) see: AT2800000
METHYL ACRYLATE see: AT2800000
METHYL ACRYLATE, inhibited (DOT) see: AT2800000
alpha-METHYLACRYLIC ACID see: OZ2975000
3-METHYLACRYLIC ACID see: GQ2800000
beta-METHYLACRYLIC ACID see: GQ2800000
alpha-METHYLACRYLIC ACID, 3,4-DICHLOROANILIDE see: AS4025000
alpha-METHYL ACRYLIC AMIDE see: UC6475000
METHYLACRYLONITRILE see: UD1400000
alpha-METHYLACRYLONITRILE see: UD1400000
METHYLACRYLOYL CHLORIDE see: OZ5791000 METHACRYLOYL CHLORIDE
alpha-METHYLACRYLOYL CHLORIDE see: OZ5791000 METHACRYLOYL CHLORIDE
alpha-METHYL-1-ADAMANTANEMETHYLAMINE HYDROCHLORIDE see: AU4717000
N-METHYL-N'-(1-ADAMANTYL)-N-NITROSOUREA see: YR7780000
N-METHYL-N'-(2-ADAMANTYL)-N-NITROSOUREA see: YR7785000
N-METHYLADENOSINE mixed with SODIUM NITRITE (1:4) see: AU7404940
N(sup 6)-METHYLADENOSINE mixed with SODIUM NITRITE (1:4) see: AU7404940
2-METHYL-3-(2'-AETHOXYCARBONYLAMINOPHENYL)CHINAZOLINONE-(4) HYDROCHLORID (German) see: FD9750000
S-METHYL-N-(4-AETHOXY-PHENYL)-DITHIOCARBAMAT (German) see: FD8892100
METHYLAETHYLNITROSAMIN (German) see: KR9200000
METHYLAL see: PA8750000
alpha-METHYLALANINE see: AY7000000
2-METHYLALANINE see: AY7000000
2-(((2-METHOXY-5-NITROPHENYL)METHYL)AMINO)ETHANOL see: KL6530000 ETHANOL, 2-(((2-METHOXY-5-NITROPHENYL)METHYL)AMINO)-
METHYL ALCOHOL see: PC1400000
METHYL ALCOHOL (DOT) see: PC1400000
METHYL ALDEHYDE see: LP8925000
METHYLAL (DOT) see: PA8750000
1-METHYL-2-ALDOXIMINOPYRIDINIUM CHLORIDE see: UU4200000
1-METHYL-2-ALDOXIMINOPYRIDINIUM IODIDE see: UU4375000
METHYLALKOHOL (German) see: PC1400000
2-METHYL-ALLYLCHLORID (German) see: UC8050000
beta-METHYLALLYL CHLORIDE see: UC8050000
2-METHYLALLYL CHLORIDE see: UC8050000
METHYL ALLYL CHLORIDE (DOT) see: UC8050000
METHYLALLYLNITROSAMIN (German) see: BA7000000
METHYLALLYLNITROSAMINE see: BA7000000
17-alpha-(2-METHYLALLYL)-19-NORTESTOSTERONE see: KG8020000
dl-1-METHYL-3-ALLYL-4-PROPIONOXYPIPERIDINE HYDROCHLORIDE see: TN6829750
1-alpha-METHYLALLYLTHIOCARBAMOYL-2-METHYLTHIOCARBAMOYLHYDRAZINE see: EC1490000
N-((1-METHYLALLYL)THIOCARBAMOYL)-N'-(METHYLTHIOCARBAMOYL)HYDRAZINE see: EC1490000
METHYL ALUMINUM SESQUIBROMIDE see: BD1810000
METHYL ALUMINUM SESQUIBROMIDE (DOT) see: BD1810000
METHYLALUMINUM SESQUICHLORIDE see: BD1970000
METHYL ALUMINUM SESQUICHLORIDE (DOT) see: BD1970000
METHYLAMIDE of 3-ETHYLSULFONYL-5-METHYLAMINO-1,2,4-TRIAZINE-6-CARBOXYLIC ACID see: XY5046200
METHYLAMIDE OF HYDRAZINO-5-METHYLAMINO-1,2,4-TRAIZINE-6-CARBOXYLIC ACID see: XY5046400
METHYLAMIDE of 3-HYDROXY-5-METHYLAMINO-1,2,4-TRIAZINE-6-CARBOXYLIC ACID HYDRATE see: XY5046600
METHYLAMIDE of 5-METHYLAMINO-3-alpha-METHYLHYDRAZINO-1,2,4-TRIAZINE-6-CARBOXYLIC ACID see: XY5046800
METHYLAMIDE of 5-METHYLAMINO-3-PHENYLAMINO-1,2,4-TRIAZINE-6-CARBOXYLIC ACID see: XY5046000
METHYLAMIDE of 5-METHYLAMINOTETRAZOLO(2,3-e)(1,2,4)TRIAZINE-6-CARBOXYLIC ACID see: XF8241000

PF6300000 METHYLAMINE

UPDT:8408 CAS: 74-89-5 MW: 31.07 MOLFM: C-H5-N
SYN: AMINOMETHANE * CARBINAMINE * MERCURIALIN * METHANAMINE * METHYLAMINE, ANHYDROUS (DOT) * METHYLAMINE, aqueous solution (DOT) * METHYLAMINEN (Dutch) * METILAMINE (Italian) * METYLOAMINA (Polish) * MONOMETHYLAMINE * MONOMETHYLAMINE (DOT) * METHANAMINE (9CI) * UN 1061 (DOT) * UN 1235 (DOT)

IRRITATION DATA AND REFERENCES:		
	skn-gpg 100 mg open SEV	CODEDG 6,140,80
MUTATION DATA AND REFERENCES:		
	dlt-rat-ihl 10 ug/m3	GISAAA 46(5),7,81
TOXICITY DATA AND REFERENCES:		
	scu-rat LDLo:200 mg/kg	HBAMAK 4,1289,35
*	ihl-mus LC50:2400 mg/m3/2H	85GMAT -,80,82
*	scu-mus LDLo:2500 mg/kg	85ESA3 9,786,76
	scu-gpg LDLo:200 mg/kg	HBAMAK 4,1289,35
	scu-frg LDLo:2000 mg/kg	27ZWAY 1,250,23
*	ihl-mam LC50:2400 mg/m3	TPKVAL 14,80,75
REVIEW AND REFERENCES:		
	TOXICOLOGY REVIEW: CHREAY 9,389,31	
★	TLV-TWA 10 ppm	DTLVS* 4,264,80
STANDARDS & REGULATIONS:		
★	OSHA STANDARD-air:TWA 10 ppm (SCP-K)	FEREAC 39,23540,74
★	DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS, anhydrous	CFRGBR 49,172.101,82
★	DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 177*, VOL 6 S148
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

METHYLAMINE, aqueous solution (DOT) see: PF6300000
METHYLAMINE, 1-ACETOXY-N-BUTYL-N-NITROSO- see: AF7477000
METHYLAMINE, N-ACETOXYETHYL-N-CHLOROETHYL- see: KK1575000
METHYLAMINE, N-ACETOXYMETHYL-N-NITROSO- see: AI9150000
METHYLAMINE, 1-ACETOXY-N-NITROSO-N-TRIDEUTEROMETHYL- see: AI9155000
METHYLAMINE, ANHYDROUS (DOT) see: PF6300000
METHYLAMINE, BIS(beta-CHLOROPHENETHYL)-, HYDROCHLORIDE see: SH9665000

METHYLAMINE, N-(1-BUTYROXYMETHYL)-N-NITROSO- see: ET5700000
METHYLAMINE, 1-(2-FURYL)- see: LU9275000
(2-METHYLAMINE-1-HYDROXYETHYL)METHANESULFONANILIDE METHANESULFONATE see: PB0870200

PF8600000 METHYLAMINE, N-METHOXY-N-NITROSO-
UPDT:8401 CAS: 16339-12-1 MW: 90.10 MOLFM: C2-H6-N2-O2
SYN: N,O-DIMETHYL-N-NITROSOHYDROXYLAMINE * N-NITROSOMETHOXYMETHYLAMINE * N-METHOXY-N-NITROSOMETHYLAMINE * N-NITROSO-N-METHYL-o-METHYLHYDROXYLAMIN (German) * N-NITROSO-N-METHYL-o-METHYL-HYDROXYLAMINE
MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate MUREAV 51,319,78
mma-sat 1 ug/plate MUREAV 51,319,78
mmo-omi 1 pph/72H-C SOGEBZ 10,522,74
TUMORIGENIC DATA AND REFERENCES:
3V03N60R60 orl-rat TDLo:6000 mg/kg/50W-I ZKKOBW 89,31,77
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:130 mg/kg ZEKBAI 69,103,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METHYLAMINEN (Dutch) see: PF6300000
METHYLAMINE NITROFORM (DOT) see: PF9090000
METHYLAMINE PERCHLORATE, dry (DOT) see: SC9400000

PF8970000 METHYLAMINE, m-PHENYLENEBIS-
UPDT:8201 CAS: 1477-55-0 MW: 136.22 MOLFM: C8-H12-N2
SYN: 1,3-BIS-AMINOMETHYLBENZEN (Czech) * MXDA * m-PHENYLENEBIS(METHYLAMINE) * m-XYLYLENDIAMIN (Czech) * m-XYLENE-alpha,alpha'-DIAMINE
IRRITATION DATA AND REFERENCES:
skn-rbt 50 mg/24H SEV 28ZPAK -,64,72
eye-rbt 50 ug/24H SEV 28ZPAK -,64,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1600 mg/kg 28ZPAK -,64,72
2D17J25 ihl-rat LC50:700 ppm/1H DTLVS* 4,440,80
" skn-rbt LD50:2000 mg/kg DTLVS* 4,440,80
REVIEW AND REFERENCES:
★ TLV-CL 100 ug/m3 (skin) DTLVS* 4,440,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, PROPOSED RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PF9090000 METHYLAMINE, compd. with TRINITROMETHANE
UPDT:8306 MW: 182.12 MOLFM: C-H5-N C-H-N3-O6
SYN: METHYLAMINE NITROFORM (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

METHYLAMINE, 1,1,1-TRIS(HYDROXYMETHYL)- see: TY2900000
9-(p-(METHYLAMINO)ANILINO)ACRIDINE HYDROBROMIDE see: AR9480100
4-METHYL-2-AMINOANISOLE see: BZ6720000
METHYLAMINOANTIPYRINE see: CD2995850
N-METHYLAMINOANTIPYRINE see: CD2995850
4-(METHYLAMINO)ANTIPYRINE see: CD2995850
METHYLAMINOANTIPYRINE SODIUM METHANESULFONATE see: PB1300000
N-METHYL-p-AMINOAZOBENZENE see: BY5950000
4-(METHYLAMINO)AZOBENZENE see: BY5950000
N-METHYL-4-AMINOAZOBENZENE see: BY5950000
3'-METHYL-4-AMINOAZOBENZENE see: BY6000000
4'-METHYL-4-AMINOAZOBENZENE see: BY9730000
N-METHYLAMINOBENZENE see: BY4550000
(METHYLAMINO)BENZENE see: BY4550000
1-METHYL-2-AMINOBENZENE see: XU2975000
2-METHYL-1-AMINOBENZENE see: XU2975000
1-METHYL-2-AMINOBENZENE HYDROCHLORIDE see: XU7350000
2-METHYL-1-AMINOBENZENE HYDROCHLORIDE see: XU7350000
METHYL N-(4-AMINOBENZENESULFONYL)CARBAMATE see: FD1190000
METHYL o-AMINOBENZOATE see: CB3325000
METHYL 2-AMINOBENZOATE see: CB3325000
6-METHYL-2-AMINOBENZOTHIAZOLE see: DL2625000
N-(4-METHYLAMINO)BENZOYLGLUTAMIC ACID SODIUM SALT see: MA1360000
3-METHYL-4-AMINOBIPHENYL see: DV0175000
METHYLAMINO-BIS(1-AZIRIDINYL)PHOSPHINE OXIDE see: SY9500000
2-METHYLAMINO-4,6-BIS-ETHYLENEIMINO-1,3,5-TRIAZINE see: XY3322700
2-(METHYLAMINO)BORNANE HYDROCHLORIDE see: ED1370000
N-(((METHYLAMINO)CARBONYL)OXY)ETHANIMIDOTHIOIC ACID METHYL ESTER see: AK2975000
2-(METHYLAMINO)-2-(2-CHLOROPHENYL)CYCLOHEXANONE see: GW1300000
1-(METHYLAMINO)CYCLOHEXANECARBONITRILE see: GU7726500
2-(METHYLAMINO)-1,4-DIHYDRO-3(2H)-ISOQUINOLINONE see: NX6037400
3-METHYLAMINO-7-DIMETHYLAMINOPHENZATHONIUM CHLORIDE see: SO5550000
4-METHYLAMINO-1,5-DIMETHYL-2-PHENYL-3-PYRAZOLONE SODIUM METHANESULFONATE see: PB1300000
2-METHYL-4-AMINODIPHENYL see: DU9800000
3-METHYL-4-AMINODIPHENYL see: DV0175000
4'-METHYL-4-AMINODIPHENYL see: DV0250000
beta-(METHYLAMINO)ETHANOL see: KL6650000
N-METHYLAMINOETHANOL see: KL6650000
2-METHYLAMINOETHANOL see: KL6650000
l-METHYLAMINOETHANOLCATHECHOL HYDROCHLORIDE see: DO3150000
m-METHYLAMINOETHANOLPHENOL see: DO7175000
p-METHYLAMINOETHANOLPHENOL see: DO7350000
m-METHYLAMINOETHANOLPHENOL HYDROCHLORIDE see: DO7525000
2-METHYL-4-AMINO-5-ETHOXYMETHYLPYRIMIDINE see: UV6450000 PYRIMIDINE, 4-AMINO-5-(ETHOXYMETHYL)-2-METHYL-
(-)-alpha-(1-METHYLAMINOETHYL)BENZYL ALCOHOL see: KB0700000
alpha-(1-(METHYLAMINO)ETHYL)BENZYL ALCOHOL see: UL5800000
l-alpha-(1-METHYLAMINOETHYL)BENZYL ALCOHOL see: KB0700000
d-(alpha-(1-METHYLAMINO)ETHYL)BENZYL ALCOHOL HYDROCHLORIDE see: UL5950000
dl-alpha-(1-(METHYLAMINO)ETHYL)BENZYL ALCOHOL HYDROCHLORIDE see: KB1575000
1-alpha-(1-(METHYLAMINO)ETHYL)BENZYL ALCOHOL SULFATE see: KB2625000
N-METHYLAMINOETHYL 2-METHYLBENZHYDRYL ETHER HYDROCHLORIDE see: KR9100000
10-(2-(METHYLAMINO)ETHYL)-5-METHYL-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE see: HO2833000
DL-alpha-(1-METHYLAMINOETHYL)-alpha-PHENYLCYCLOHEXANEMETHANOL HYDROCHLORIDE see: GV5953000
2-(2-(METHYLAMINO)ETHYL)PYRIDINE see: UT5552000
4-(2-METHYLAMINOETHYL)PYROCATECHOL HYDROCHLORIDE see: UX1925000
1-METHYL-p-AMINOETHYLTHIOAZOCYCLOHEXANE HYDROCHLORIDE see: TK6025000
1-METHYLAMINOFLUORENE see: LL5600000
2-METHYLAMINO-HEPTANE, HYDROCHLORIDE see: MQ4900000
3'-(2-(METHYLAMINO)-l-HYDROXYETHYL)METHANESULFONANILIDE METHANESULFONATE see: PB0870200
2-METHYL-4-AMINO-1-HYDROXYNAPHTHALENE see: QL3350000
beta-METHYLAMINO-alpha-(4-HYDROXYPHENYL)ETHYL ALCOHOL see: DO7350000
2-METHYLAMINO-ISO-OCTENE BITARTRATE see: MP9800000
2-METHYLAMINO METHYL BENZOATE see: CB3500000
1-METHYLAMINOMETHYLDIBENZO(b,e)BICYCLO(2,2,2)OCTADIENE HYDROCHLORIDE see: KJ4550000
2-METHYLAMINO-4-METHYLHEXANE see: SC1400000
METHYLAMINOMETHYL(4-HYDROXYPHENYL)CARBINOL see: DO7350000
1-METHYLAMINO-2-METHYL-2-PHENYLETHANE see: SH4935000
2-METHYLAMINO-2-METHYL-1-PHENYLPROPANE see: SI3675000
2-METHYLAMINO-4-METHYLTHIO-6-ISOPROPYLAMINO-1,3,5-TRIAZINE see: XZ0175000
2-METHYL-4-AMINO-1-NAPHTHOL see: QL3350000
O-METHYL-2-AMINO-1-NAPHTHOL HYDROCHLORIDE see: QM3275000
N-METHYL-AMINO-2-NITRO-4-N',N'-BIS-(2-HYDROXYETHYL)-AMINOBENZENE see: KL6900000
2,2'-((4-(METHYLAMINO)-3-NITROPHENYL)IMINO)DIETHANOL see: KL6900000
4-METHYLAMINO-N-NITROSOAZOBENZENE see: BY5850000
2-(METHYLAMINO)NORBORNANE HYDROCHLORIDE see: RB7466000
METHYLAMINOPHENAZONE see: CD2995850
N-METHYLAMINOPHENAZONE see: CD2995850
4-METHYLAMINOPHENAZONE see: CD2995850
m-(alpha-METHYLAMINOPHENETHYL)PHENOL HYDROCHLORIDE see: SL8350000
3-(alpha-METHYLAMINOPHENETHYL)PHENOL HYDROCHLORIDE see: SL8350000
m-((p-(METHYLAMINO)PHENYL)AZO)BENZYL ALCOHOL see: DO9950000
3-((p-METHYLAMINOPHENYL)AZO)BENZYL ALCOHOL see: DO9970000
METHYLAMINOPHENYLDIMETHYLPYRAZOLONE METHANESULFONATE SODIUM see: PB1300000
(m-METHYLAMINOPHENYL)PHOSPHONIC ACID see: SZ9063100
(p-METHYLAMINOPHENYL)PHOSPHONIC ACID see: SZ9063300
1-METHYLAMINO-2-PHENYLPROPANE see: SH4935000
dl-1-METHYLAMINO-2-PHENYLPROPANE see: SH4935000
(+)-2-METHYLAMINO-2-PHENYLPROPANE HYDROCHLORIDE see: SH5425000
d-psi-2-METHYLAMINO-1-PHENYL-1-PROPANOL see: UL5800000
l-2-METHYLAMINO-1-PHENYLPROPANOL see: KB0700000
METHYL ((4-AMINOPHENYL)SULFONYL)CARBAMATE see: FD1190000
1-METHYL-4-AMINO-N-PHENYL-N-(2-THENYL)PIPERIDINE see: TN1400000
3-METHYL-4-AMINO-6-PHENYL-1,2,4-TRIAZIN(4H)-ON (German) see: XZ3015000
1-(3-METHYLAMINOPROPYL)DIBENZO(b,e)BICYCLO(2.2.2)OCTADIENE HYDROCHLORIDE see: KJ4555000
5-(3-METHYLAMINOPROPYL)-5H-DIBENZO(a,d)CYCLOHEPTENE see: HP1050000
5-(3-METHYLAMINOPROPYL)-5H-DIBENZO(a,d)CYCLOHEPTENE HYDROCHLORIDE see: HP1400000
9-(gamma-METHYLAMINOPROPYL)-9,10-DIHYDRO-9,10-ETHANOANTHRACENE HYDROCHLORIDE see: KJ4555000
5-(3-(METHYLAMINO)PROPYLIDENE)DIBENZO(a,e)CYCLOHEPTA(1,5)DIENE see: HO9800000
5-(3-(METHYLAMINO)PROPYLIDENE)DIBENZO(a,e)CYCLOHEPTA(1,5)DIENE HYDROCHLORIDE see: HP0175000
5-(3-METHYLAMINOPROPYLIDENE)-10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTENE see: HO9800000
5-(3-METHYLAMINOPROPYLIDENE)-10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTENE HYDROCHLORIDE see: HP0175000
trans-11-(3-METHYLAMINOPROPYLIDENE)-6,11-DIHYDRODIBENZO(b,e)THIEPINE HYDROCHLORIDE see: HQ3150000
METHYLAMINOPROPYLIMINODIBENZYL see: HO0350000
N-(gamma-METHYLAMINOPROPYL)IMINODIBENZYL HYDROCHLORIDE see: HO0525000
METHYLAMINOPTERIN see: MA1225000
METHYL-4 AMINO-2-PYRIDINE see: TJ5150000
4-METHYL-2-AMINOPYRIDINE see: TJ5150000
1-METHYL-3-AMINO-5H-PYRIDO(4,3-b)INDOLE see: UU9354000
METHYL p-AMINOSALICYLATE see: VO1683000
2-METHYL-4-AMINOSTILBENE see: WJ4630000
3-METHYL-4-AMINOSTILBENE see: WJ4670000
N-METHYL-N-(3-AMINO-2,4,6-TRIIODOPHENYL)GLUTARAMIC ACID see: SA3678000
2-(METHYLAMINO)-1,3,3-TRIMETHYLNORBORNANE HYDROCHLORIDE see: RB7466500
2-(METHYLAMINO)-2,3,3-TRIMETHYLNORBORNANE HYDROCHLORIDE see: RB7466510
METHYLAMPHETAMINE see: SH4900000
METHYLAMPHETAMINE see: SH5075000
N-METHYLAMPHETAMINE see: SH4900000
METHYLAMPHETAMINE HYDROCHLORIDE see: SH5075000
(+)-N-METHYLAMPHETAMINE HYDROCHLORIDE see: SH5425000
alpha-METHYLAMPHETAMINE HYDROCHLORIDE see: SH4950000
D-METHYLAMPHETAMINE HYDROCHLORIDE see: SH5425000
METHYLAMYL ACETATE see: SA7525000
2-METHYLAMYL ACETATE see: AI9300000
METHYL AMYL ACETATE (DOT) see: SA7525000
METHYL AMYL ALCOHOL see: SA7350000
METHYL AMYL CARBINOL see: MJ2975000
METHYL-AMYL-CETONE (French) see: MJ5075000
METHYL n-AMYL KETONE see: MJ5075000
METHYL AMYL KETONE (DOT) see: MJ5075000
METHYLAMYLNITROSAMIN (German) see: SC1225000
METHYLAMYLNITROSAMINE see: SC1225000
METHYL-N-AMYLNITROSAMINE see: SC1225000
17-METHYL-5-alpha-ANDROSTANO(2,3-c)(1,2,5)OXADIAZOL-17-beta-OL see: BV8061000
17-alpha-METHYLANDROSTAN(3,2-c)ISOXAZOL-17-beta-OL see: BV8045500
17-METHYLANDROSTANO(3,2-c)ISOXAZOL-17-OL see: BV8045500
17-alpha-METHYL-5-alpha-ANDROSTANO(2,3-c)(1,2,5)OXADIAZOL-17-beta-OL see: BV8061000
METHYLANDROSTENDIOL see: BV8100000
N(sup 3)-METHYLANDROST-5-ENE-3-beta,17-beta-DIAMINE DIHYDROCHLORIDE see: BV8089790
17-alpha-METHYL-(5-alpha)-delta(sup 2)-ANDROSTENE-17-beta-OL see: BV8260000
17-METHYL-5-alpha-ANDROST-2-EN-17-beta-OL see: BV8260000
METHYLANDROSTENOLONE see: BV8402000 ANDROST-5-EN-17-ONE, 3-beta-HYDROXY-METHYL-
5-METHYLANGELICIN see: LV1452000
METHYLANILINE see: BY4550000
m-METHYLANILINE see: XU2800000
N-METHYLANILINE see: BY4550000
o-METHYLANILINE see: XU2975000
p-METHYLANILINE see: XU3150000
2-METHYLANILINE see: XU2975000
3-METHYLANILINE see: XU2800000
4-METHYLANILINE see: XU3150000
N-METHYLANILINE (DOT) see: BY4550000
o-METHYLANILINE HYDROCHLORIDE see: XU7350000
2-METHYLANILINE HYDROCHLORIDE see: XU7350000
4-METHYLANILINE HYDROCHLORIDE see: XU7525000
METHYLANILINE and SODIUM NITRITE (1.2:1) see: BY6150000
N-METHYLANILINE mixed with SODIUM NITRITE (1:35) see: BY6100000
N-METHYLANILIN und NATRIUMNITRIT (German) see: BY6100000
2-(N-METHYLANILINO)ETHANOL see: KL7175000
(2-(N-METHYLANILINO)ETHYL)GUANIDINE HEMISULFATE see: MF3685300 GUANIDINE, (2-(N-METHYLANILINO)ETHYL)-, SULFATE (2:1)
alpha-((N-METHYLANILINO)METHYL)BENZYL ALCOHOL o-METHOXYBENZOATE (ester) see: DP0352000
alpha-METHYLANISALACETONE see: SB3927000

METHYL p-ANISATE see: BZ4925000
2-METHYL-p-ANISIDINE see: BZ6730000
5-METHYL-o-ANISIDINE see: BZ6720000
p-METHYLANISOLE see: BZ8780000
METHYLANTALON see: BV8060050
6-METHYLANTHANTHRENE see: HO7085000
2-METHYLANTHRACENE see: CB0680000
9-METHYLANTHRACENE see: CB0700000
METHYL ANTHRANILATE see: CB3325000
N-METHYLANTHRANILIC ACID, METHYL ESTER see: CB3500000
2-METHYL-1-ANTHRAQUINONYLAMINE see: CB5740000
METHYL APHOXIDE see: SZ1925000
METHYLARECAIDEN see: QT2100000
METHYL ARISTOLATE see: SF8279000 PHENANTHRO(3,4-d)-1,3-DIOXOLE-5-CARBOXYLIC ACID, 8-METHOXY, METHYL ESTER
METHYLARSENIC ACID see: PA1575000
METHYLARSENIC ACID, SODIUM SALT see: PA2625000
METHYLARSENIC DIMETHYL DITHIOCARBAMATE see: EZ9680000
METHYLARSENIC SULFIDE see: CH7000000
METHYL ARSINE-BIS(DIMETHYLDITHIOCARBAMATE) see: EZ9680000
METHYLARSINE BIS(LAURYL SULFIDE) see: CG8490000
METHYLARSINE DICHLORIDE see: CH4375000
METHYLARSINE DIIODIDE see: CH6050000
METHYLARSINE SULFIDE see: CH7000000
METHYLARSINIC ACID see: PA1575000
METHYLARSINIC SULFIDE see: CH7000000
METHYLARSINIC SULPHIDE see: CH7000000
METHYLARSONIC ACID see: PA1575000
METHYLARSYLENE-BIS-(N-PENTAMETHYLENEDITHIOCARBAMATE) see: TM6180000
METHYLARTERENOL see: DO2625000
METHYL ASPARTYLPHENYLALANATE see: WM3407000
1-METHYL N-L-alpha-ASPARTYL-L-PHENYLALANINE see: WM3407000
METHYL ATROPINE NITRATE see: CK2800000
N-METHYLATROPINE NITRATE see: CK2800000
N-METHYLATROPINIUM NITRATE see: CK2800000
8-METHYLATROPINIUM NITRATE see: CK2800000
exo-8-METHYL-8-AZABICYCLO(3.2.1)-OCTAN-3-OL BENZOATE see: YM4200000
2-METHYLAZACYCLOPROPANE see: CM8050000
3-METHYL-3-AZAPENTANE-1,5-BIS(ETHYLDIMETHYLAMMONIUM) DIBROMIDE see: BR8050000
5-METHYL-6-AZAURACIL see: XY8050000
METHYLAZINPHOS see: TE1925000
2-METHYLAZIRIDINE see: CM8050000
METHYL-AZOXY-BUTANE see: EK4550000
METHYLAZOXYMETHANOL see: PC2625000
METHYLAZOXYMETHANOL ACETATE see: PC2800000
METHYLAZOXYMETHANOL GLUCOSIDE see: LZ5950000
METHYLAZOXYMETHANOL-beta-D-GLUCOSIDE see: LZ5950000
METHYLAZOXYMETHANOL-beta-D-GLUCOSIDURONIC ACID see: LZ6502000
METHYLAZOXYMETHYL ACETATE see: PC2800000
METHYLAZOXYOCTANE see: RG8500000
METHYL-AZULENO(5,6,7-c,d)PHENALENE see: CO4950000
METHYLBEN see: DH2450000
METHYL BENACTYZIUM BROMIDE see: BP7524000
3-METHYLBENZ(j)ACEANTHRYLENE see: CU1225000
7-METHYLBENZ(c)ACRIDINE see: CU3859000
9-METHYL-1,2-BENZACRIDINE see: CU3861500
9-METHYL-3,4-BENZACRIDINE see: CU3859000
10-METHYL-5,6-BENZACRIDINE see: CU3861500
10-METHYL-7,8-BENZACRIDINE (French) see: CU3859000
12-METHYLBENZ(a)ACRIDINE see: CU3861500
9-METHYLBENZ(c)ACRIDINE-7-CARBOXALDEHYDE see: CU3150000
11-METHYLBENZ(c)ACRIDINE-7-CARBOXALDEHYDE see: CU3325000
4-METHYLBENZAMIDINE HYDROCHLORIDE see: XS4805000
2-(N-METHYLBENZAMIDO)HYDROCINNAMIC ACID see: MW5580000
10-METHYL-1,2-BENZANTHRACEN (German) see: CX1575000
1-METHYLBENZ(a)ANTHRACENE see: CX0700000
1'-METHYL-1,2-BENZANTHRACENE see: CX0700000
2-METHYLBENZ(a)ANTHRACENE see: CX0875000
2'-METHYL-1,2-BENZANTHRACENE see: CX0875000
3-METHYLBENZ(a)ANTHRACENE see: CX0900000
3-METHYL-1,2-BENZANTHRACENE see: CX1225000
4-METHYLBENZ(a)ANTHRACENE see: CX1050000
4-METHYL-1,2-BENZANTHRACENE see: CX1400000
4'-METHYL-1:2-BENZANTHRACENE see: CX1050000
5-METHYLBENZ(a)ANTHRACENE see: CX1225000
5-METHYL-1,2-BENZANTHRACENE see: CX1750000
6-METHYLBENZ(a)ANTHRACENE see: CX1400000
6-METHYL-1,2-BENZANTHRACENE see: CX1925000
7-METHYLBENZ(a)ANTHRACENE see: CX1575000
7-METHYL-1,2-BENZANTHRACENE see: CX2100000
8-METHYLBENZ(a)ANTHRACENE see: CX1750000
8-METHYL-1:2-BENZANTHRACENE see: CX2275000
9-METHYLBENZ(a)ANTHRACENE see: CX1925000
9-METHYL-1,2-BENZANTHRACENE see: CX2450000
10-METHYLBENZ(a)ANTHRACENE see: CX2100000
10-METHYL-1,2-BENZANTHRACENE see: CX1575000
11-METHYLBENZ(a)ANTHRACENE see: CX2275000
12-METHYLBENZ(a)ANTHRACENE see: CX2450000
10-METHYL-1,2-BENZANTHRACENE-5-CARBONAMIDE see: CX5084000
7-METHYLBENZ(a)ANTHRACENE-8-CARBONITRILE see: CW0730000
7-METHYLBENZ(a)ANTHRACENE-10-CARBONITRILE see: CW0760000
7-METHYLBENZ(a)ANTHRACENE-12-CARBOXALDEHYDE see: CW0900000
12-METHYLBENZ(a)ANTHRACENE-7-CARBOXALDEHYDE see: CW0875000
7-METHYLBENZ(a)ANTHRACENE-3,9-DIOL see: CW4638000
12-METHYLBENZ(a)ANTHRACENE-3,9-DIOL see: CW4638500
7-METHYLBENZ(a)ANTHRACENE-12-METHANOL see: CW8925000
12-METHYLBENZ(a)ANTHRACENE-7-METHANOL see: CW8750000
12-METHYLBENZ(a)ANTHRACENE-7-METHANOL ACETATE (ester) see: CW9100000
12-METHYLBENZ(a)ANTHRACENE-7-METHANOL BENZOATE (ester) see: CW9150000
7-METHYLBENZ(a)ANTHRACENE 5,6 OXIDE see: CW5075000
7-METHYLBENZ(a)ANTHRACEN-8-YL CARBAMIDE see: CX5084000
S-(12-METHYL-7-BENZ(a)ANTHRYLMETHYL)HOMOCYSTEINE see: ES7030000
N-METHYLBENZAZIMIDE, DIMETHYLDITHIOPHOSPHORIC ACID ESTER see: TE1925000
METHYLBENZEDRIN see: SH5075000
METHYL 1H-BENZEMEDAZOL-2-YLCARBAMATE see: DD6500000
m-METHYLBENZENAMINE see: XU2800000
N-METHYLBENZENAMINE see: BY4550000
o-METHYLBENZENAMINE see: XU2975000
p-METHYLBENZENAMINE see: XU3150000
2-METHYLBENZENAMINE see: XU2975000
3-METHYLBENZENAMINE see: XU2800000
4-METHYLBENZENAMINE see: XU3150000
o-METHYLBENZENAMINE HYDROCHLORIDE see: XU7350000
2-METHYLBENZENAMINE HYDROCHLORIDE see: XU7350000
METHYLBENZENE see: XS5250000
METHYL BENZENEACETATE see: AJ3175000
4-METHYLBENZENEACETIC ACID see: AJ7569000
2-METHYLBENZENEARSONIC ACID see: XS6300000
METHYL BENZENECARBOXYLATE see: DH3850000
2-METHYL-1,4-BENZENEDIAMINE see: XS9700000
4-METHYL-1,3-BENZENEDIAMINE see: XS9625000
2-METHYL-1,4-BENZENEDIOL see: MX6700000
5-METHYL-1,3-BENZENEDIOL see: VH2100000
alpha-METHYLBENZENEETHANAMINE SULFATE see: SI1400000
alpha-METHYLBENZENEETHANEAMINE see: SH9450000
alpha-METHYLBENZENEETHANOL see: SG8589500
alpha-METHYLBENZENEMETHANAMINE see: DP5775000
4-METHYL-BENZENEMETHANOL (9CI) see: DO9370000
o-METHYLBENZENESULFONAMIDE see: XT4900000
p-METHYLBENZENESULFONAMIDE see: XT5075000
2-METHYLBENZENESULFONAMIDE see: XT4900000
4-METHYLBENZENESULFONAMIDE see: XT5075000
p-METHYLBENZENESULFONIC ACID see: XT6300000
4-METHYLBENZENESULFONIC ACID see: XT6300000
p-METHYLBENZENESULFONIC ACID 2-PHENYLHYDRAZIDE see: DB7176000
N-(4-METHYLBENZENESULFONYL)-N'-CYCLOHEXYLUREA see: YS7800000
N-(2-METHYLBENZENESULFONYL)ERYTHROMYCYLAMINE see: KF4680600
N-(4-METHYLBENZENESULFONYL)ERYTHROMYCYLAMINE see: KF4680610
p-METHYLBENZENESULFONYL FLUORIDE see: XT8050000
4-METHYLBENZENESULFONYL FLUORIDE see: XT8050000
METHYLBENZETHONIUM CHLORIDE see: BO7380000
METHYL BENZETHONIUM CHLORIDE MONOHYDRATE see: BO7380000
METHYL 2-BENZIMIDAZOLECARBAMATE see: DD6500000
METHYL 2-BENZIMIDAZOLECARBAMATE PHOSPHATE see: EY8592000
METHYL-2-BENZIMIDAZOLE CARBAMATE and SODIUM NITRITE see: DD6520000
METHYL BENZIMIDAZOLE-2-YL CARBAMATE see: DD6500000
p-((2-METHYLBENZIMIDAZOL-1-YLMETHYL)AMINO)BENZOIC ACID HYDRAZIDE see: DH3692000
7-METHYLBENZO(c)ACRIDINE see: CU3859000
METHYL BENZOATE see: DH3850000
METHYLBENZOATE (DOT) see: DH3850000
6-METHYL-3,4-BENZOCARBAZOLE see: DE7100000
9-METHYL-1:2-BENZOCARBAZOLE see: DE7140000
4-METHYLBENZOIC ACID METHYL ESTER see: AJ7570000
METHYLBENZOL see: XS5250000
1-METHYLBENZO(b)NAPHTHO(1,2-d)THIOPHENE see: DI2351000
1-METHYLBENZO(b)NAPHTHO(2,1-d)THIOPHENE see: DI2353000
3-METHYLBENZO(b)NAPHTHO(1,2-d)THIOPHENE see: DI2352000
4-METHYLBENZO(b)NAPHTHO(2,3-d)THIOPHENE see: DI2355000 BENZO(b)NAPHTHO(2,3-d)THIOPHENE, 4-METHYL-
8-METHYLBENZO(rst)PENTAPHENE-5-CARBOXALDEHYDE see: DI6125000
METHYL-1,12-BENZOPERYLENE see: DI6250000
7-METHYLBENZO(a)PHENALENO(1,9-hi)ACRIDINE see: DI7000000
7-METHYLBENZO(h)PHENALENO(1,9-bc)ACRIDINE see: DI7175000
5-METHYLBENZO(c)PHENANTHRENE see: DI9450000
6-METHYLBENZO(c)PHENANTHRENE see: DI9625000
7-METHYL-2H-1-BENZOPYRAN-2-ONE see: GN7792100
alpha-METHYL-5H-(1)-BENZOPYRANO(2,3-b)PYRIDINE-7-ACETIC ACID see: DJ3100950
1-METHYLBENZO(a)PYRENE see: DJ6950000
2-METHYLBENZO(a)PYRENE see: DJ7000000
3-METHYLBENZO(a)PYRENE see: DJ7175000
4-METHYLBENZO(a)PYRENE see: DJ7350000
4'-METHYLBENZO(a)PYRENE see: DJ7440000
5-METHYLBENZO(a)PYRENE see: DJ7380000
5-METHYL-3,4-BENZOPYRENE see: DJ7390000
6-METHYLBENZO(a)PYRENE see: DJ7390000
7-METHYLBENZO(a)PYRENE see: DJ7440000
10-METHYLBENZO(a)PYRENE see: DJ7500000
11-METHYLBENZO(a)PYRENE see: DJ7525000
12-METHYLBENZO(a)PYRENE see: DJ7700000
6-METHYLBENZOPYRONE see: GN7792000
6-METHYL-1,2-BENZOPYRONE see: GN7792000
5-METHYL-2,1,3-BENZOSELENADIAZOLE see: DK7450000
2-METHYLBENZOSELENAZOLE see: DK7700000
4-(6-METHYL-2-BENZOTHIAZOLYL)BENZENAMINE see: DL2760000 BENZOTHIAZOLE, 2-(p-AMINOPHENYL)-6-METHYL-
7-METHYL-6H-(1)BENZOTHIOPYRANO(4,3-b)QUINOLINE see: DM0105000
3-METHYL-2-BENZOXAZOLINONE see: DM5275450
N-METHYLBENZOXAZOLONE see: DM5275450
3-METHYLBENZOXAZOLONE see: DM5275450
(+-)-1-METHYL-3-BENZOYL-(p-AMINOBENZOYLOXY)PIPERIDINE HYDROCHLORIDE see: DG2388000
METHYL 5-BENZOYL BENZIMIDAZOLE-2-CARBAMATE see: EY8600000
METHYL 5-BENZOYL-2-BENZIMIDAZOLECARBAMATE see: EY8600000
(+)-1-METHYL-3-BENZOYL-3-BENZOYLOXYPIPERIDINE HYDROCHLORIDE see: OB4359300
(+-)-1-METHYL-3-BENZOYL-3-BENZOYLOXYPIPERIDINE HYDROCHLORIDE see: OB4359310
(+-)-1-METHYL-3-BENZOYL-3-(o-BROMOBENZOYLOXY)PIPERIDINE HYDROCHLORIDE see: DG4449200
(+-)-1-METHYL-3-BENZOYL-3-(o-CHLORO-p-AMINOBENZOYLOXY)PIPERIDINE HYDROCHLORIDE see: DG1575400
(+-)-1-METHYL-3-BENZOYL-3-(o-CHLOROBENZOYLOXY)PIPERIDINE HYDROCHLORIDE see: DG4997700
(+-)-1-METHYL-3-BENZOYL-3-(p-HYDROXYBENZOYLOXY)PIPERIDINE HYDROCHLORIDE HEMIHYDRATE see: DH2185900
(+-)-1-METHYL-3-BENZOYL-3-(p-METHOXYBENZOYLOXY)PIPERIDINE HYDROCHLORIDE HYDRATE see: BZ4697500
1-METHYL-9-BENZOYLOXY-1,2,3,9a-TETRAHYDRO-1-AZAFLUORENE HYDROCHLORIDE see: NK9460000
1-METHYL-3,4-BENZPHENANTHRENE see: DI9625000
2-METHYL-3,4-BENZPHENANTHRENE see: DI9450000
6-METHYL-3:4-BENZPHENANTHRENE see: DI8925000
7-METHYL-3,4-BENZPHENANTHRENE see: DI9100000
8-METHYL-3:4-BENZPHENANTHRENE see: DI9275000
4'-METHYL-3:4-BENZPYRENE see: DJ7440000
5-METHYL-3,4-BENZPYRENE see: DJ7390000
6-METHYL-3,4-BENZPYRENE see: DJ7525000
8-METHYL-3,4-BENZPYRENE see: DJ7175000
9-METHYL-3,4-BENZPYRENE see: DJ7000000
2-METHYLBENZSELENAZOL (Czech) see: DK7700000
1-METHYL-3-(2-BENZTHIAZOLYL)UREA see: YR8985000

N-METHYL-N'-BENZYHYDRYLPIPERAZINE see: TL6475000
alpha-METHYLBENZYL ALCOHOL see: DO9275000
p-METHYLBENZYLALCOHOL see: DO9370000
4-METHYLBENZYL ALCOHOL see: DO9370000
alpha-METHYLBENZYL ALCOHOL (DOT) see: DO9275000
alpha-METHYLBENZYL ALCOHOL, PROPIONATE see: DP0620000
p-METHYLBENZYLALKOHOL (German) see: DO9370000
alpha-METHYLBENZYLAMINE see: DP5775000
alpha-METHYLBENZYLAMINE, N-HYDROXYETHYL- see: KM1820000
METHYLBENZYLAMINE mixed with SODIUM NITRITE (2:3) see: DP6675000
N-METHYLBENZYLAMINE mixed with SODIUM NITRITE (1:1) see: DP6700000
((alpha-METHYLBENZYL)AMINO)ETHANOL see: KL7350000
N-(2-(N-METHYLBENZYLAMINO)-1-METHYLETHYL)-N-(2-THIENYL)PROPIONAMIDE OXALATE see: UE4516000
N-(2-(N-METHYLBENZYLAMINO)PROPYL)-N-(2-THIENYL)PROPIONAMIDE OXALATE see: UE4516300
2-METHYL-4-BENZYLAMINO-PYRROLO-(2,3d)PYRIMIDINE see: UY8925000
1-(1-(alpha-METHYLBENZYL)-3-AZETIDINYL)GUANIDINE see: MF3685800
(alpha-METHYLBENZYL)-1-BENZOYL-2-HYDRAZINE see: MU8400000
1-(alpha-METHYLBENZYL)BIGUANIDE MONOHYDROCHLORIDE see: DU2040400
METHYLBENZYLCARBINYL ACETATE see: AI9316000
2-METHYL-3-BENZYLCHINAZOLON-4 HYDROCHLORIDE (German) see: VA2380000
p-METHYLBENZYL N-(2-(DIETHYLAMINO)ETHYL)CARBAMATE HYDROCHLORIDE see: EZ4226230
1-METHYLBENZYL-3-(DIMETHOXYPHOSPHINYLOXO)ISOCROTONATE see: GQ5075000
alpha-METHYL BENZYL-3-(DIMETHOXY-PHOSPHINYLOXY)-cis-CROTONATE see: GQ5075000
alpha-METHYL BENZYL ETHER see: KN3350000
N-p-METHYLBENZYL-o-ETHOXYBENZAMIDE see: CV4911500 BENZAMIDE, 2-ETHOXY-N-(p-METHYLBENZYL)-
alpha-METHYLBENZYLHYDRAZINE see: MV5650000
1-METHYL-2-BENZYL-HYDRAZINE see: MU8925000
alpha-METHYLBENZYL 3-HYDROXYCROTONATE DIMETHYL PHOSPHATE see: GQ5075000
2,2'-((alpha-METHYLBENZYLIDENE)DITHIO)BIS(ETHYLAMINE) see: KR8970000 ETHYLAMINE, 2,2'-((alpha-METHYLBENZYLIDENE)DITHIO)BIS-
2,2'-((alpha-METHYLBENZYLIDENE)DITHIO)BIS(1-PROPYLAMINE) see: UI3348000 1-PROPYLAMINE, 2,2'((alpha-METHYLBENZYLIDENE)DITHIO)BIS-
1-(alpha-METHYLBENZYLIDENE)THIOSEMICARBIZIDE see: VT3460000
(R)-(+)-1-(alpha-METHYLBENZYL)IMIDAZOLE-5-CARBOXYLIC ACID ETHYL ESTER see: NI4021500 14-IMIDAZOLE-5-CARBOXYLIC ACID, 1-(alpha-METHYLBENZYL)-, ETHYL ESTER, SULFATE
1-(alpha-METHYLBENZYL)-1h-IMIDAZOLE-5-CARBOXYLIC ACID ETHYL ESTER SULFATE see: NI4021500
METHYL BENZYL KETONE see: UC3500100
N-(alpha-METHYLBENZYL)LINOLEAMIDE see: OI9410000
p-(3-(p-METHYLBENZYL)-3-METHYL-1-TRIAZENO)BENZOIC ACID see: DH3695000
METHYLBENZYLNITROSAMINE see: DP6300000
N-METHYL-N-BENZYLNITROSAMINE see: DP6300000
METHYL-BENZYL-NITROSOAMIN (German) see: DP6300000
o-(alpha-METHYLBENZYL)PHENOL see: SL8700200
p-(alpha-METHYLBENZYL)PHENOL see: SL8700300
2-(alpha-METHYLBENZYL)PHENOL see: SL8700200
4-(alpha-METHYLBENZYL)PHENOL see: SL8700300
1-(2-(2-(p-(alpha-METHYLBENZYL)PHENOXY)ETHOXY)ETHYL)PYRIDINIUM CHLORIDE see: UU5845000
2-alpha-METHYLBENZYL-3-PHENYLBICARBAMIMIDE see: DT4394100
alpha-METHYLBENZYL PROPANOATE see: DP0620000
N-METHYL-N-BENZYLPROPYNYLAMINE see: DP6475000
4-(p-METHYLBENZYL)-gamma-RESORCYLIC ACID see: VH3709800
METHYLBICYCLO(2.2.1)HEPTENE-2,3-DICARBOXYLIC ANHYDRIDE ISOMERS see: RB9100000
METHYLBICYCLOPHOSPHATE see: YK0711700
1-METHYLBIGUANIDE COPPER COMPLEX SULFATE TRIHYDRATE see: DU2040500
1-METHYLBIGUANIDE HYDROCHLORIDE see: DU2042000
2-METHYL-2,2'-BIOXIRANE see: EJ8800000
p-METHYLBIPHENYL see: DV5460000
4-METHYL-1,1'-BIPHENYL see: DV5460000
alpha-METHYL-4-BIPHENYLACETIC ACID see: DU8376000
4'-METHYLBIPHENYLAMINE see: DV0250000
N-METHYL-BIS-CHLORAETHYLAMIN (German) see: IA1750000
gamma-(1-METHYL-5-BIS(beta-CHLOROAETHYL)AMINOBENZIMIDAZOYL)BUTTERSAUERHYDROCHLORID (German) see: DE1590000
gamma(1-METHYL-5-BIS(beta-CHLORAETHYL)AMINOBENZIMIDAZOYL-2)BUTTERSAEUREHYDROCHLORID (German) see: DE1590000
N-METHYL-BIS-beta-CHLORETHYLAMINE HYDROCHLORIDE see: IA2100000
METHYLBIS(beta-CHLOROETHYL)AMINE see: IA1750000
N-METHYL-BIS(beta-CHLOROETHYL)AMINE see: IA1750000
N-METHYL-BIS(2-CHLOROETHYL)AMINE see: IA1750000
METHYLBIS(2-CHLOROETHYL)AMINE HYDROCHLORIDE see: IA2100000
METHYL-BIS(beta-CHLOROETHYL)AMINE OXIDE see: IA2200000
METHYLBIS(beta-CHLOROETHYL)AMINE N-OXIDE see: IA2200000
METHYLBIS(beta-CHLOROETHYL)AMINE N-OXIDE HYDROCHLORIDE see: IA2275000
N-METHYLBIS(2-CHLOROETHYL)AMINE N-OXIDE HYDROCHLORIDE see: IA2275000
4-METHYL-5-(BIS(beta-CHLOROETHYL)AMINO)URACIL see: YQ9000000
6-METHYL-5-(BIS(2-CHLOROETHYL)AMINO)URACIL see: YQ9000000
N-METHYL-BIS(beta-CHLOROPHENETHYLAMINE) see: SH9665000
METHYL BIS(beta-CYANOETHYL)AMINE see: UG3675000
7-METHYLBISDEHYDRODOISYNOLIC ACID see: SF7300000
METHYLBIS(DIMETHYLTHIOCARBAMOYLTHIO)ARSINE see: EZ9680000
2-METHYL-4,5-BIS(HYDROXYMETHYL)-3-HYDROXYPYRIDINE see: UV1300000
METHYL-2 BISMUTHO-OXY-8 QUINOLEINE (French) see: EB2780000
N-METHYL-BIS(2,4-XYLYLIMINOMETHYL)AMINE see: ZF0480000
beta-METHYLBIVINYL see: NT4037000
METHYL BORATE see: ED5600000
1-METHYL-BP see: DJ6950000
5-METHYL-BP see: DJ7380000
METHYLBROMFENVINPHOS see: TB8460000
METHYLBROMID (German) see: PA4900000
METHYL BROMIDE see: PA4900000
DL-METHYLBROMIDE see: MS9000000
METHYL BROMIDE-CHLOROPICRIN mixt. see: PB6325000
METHYL BROMIDE AND MORE THAN 2% CHLOROPICRIN MIXTURE, LIQUID (DOT) see: PB6325000
METHYL BROMIDE and ETHYLENE DIBROMIDE MIXTURE, LIQUID (DOT) see: PA5300000
METHYL BROMIDE, LIQUID (DOT) see: PA4900000
METHYL BROMOACETATE see: AF6300000
METHYL alpha-BROMOACETATE see: AF6300000
METHYL BROMOACETATE (DOT) see: AF6300000
5-METHYL-5-(2-BROMOALLYL)BARBITURIC ACID see: CQ1090000
m-METHYLBROMOBENZENE see: XS7965400
3-METHYLBROMOBENZENE see: XS7965400
O-METHYL-O-(4-BROMO-2,5-DICHLOROPHENYL)PHENYL THIOPHOSPHONATE see: TB1720000
1-METHYL-7-BROMOMETHYLBENZ(a)ANTHRACENE see: CW0450000
N-METHYLBUTABARBITAL see: CQ1900000

1-METHYLBUTADIENE see: RZ2464000
2-METHYLBUTADIENE see: NT4037000
2-METHYL-1,3-BUTADIENE see: NT4037000
alpha-METHYLBUTANAL see: ES3400000
2-METHYLBUTANAL see: ES3400000
2-METHYL-1-BUTANAL see: ES3400000
3-METHYLBUTANAL see: ES3450000
2-METHYLBUTANE see: EK4430000
2-METHYL-1,4-BUTANEDIOL see: EK2275000
2-METHYLBUTANE SECONDARY MONONITRILE see: NY1750000
METHYL n-BUTANOATE see: ET5500000
3-METHYLBUTANOIC ACID see: NY1400000
2-METHYLBUTANOIC ACID, n-HEXYL ESTER see: ET5675000
2-METHYLBUTANOL see: EL5250000
2-METHYL BUTANOL-1 see: EL5250000
2-METHYL BUTANOL-2 see: SC0175000
2-METHYL-2-BUTANOL see: SC0175000
2-METHYL-4-BUTANOL see: EL5425000
3-METHYL BUTANOL see: EL5425000
3-METHYL-1-BUTANOL (Czech) see: EL5425000
3-METHYLBUTAN-1-OL see: EL5425000
3-METHYLBUTAN-3-OL see: SC0175000
3-METHYL-2-BUTANONE see: EL9100000
3-METHYL BUTAN-2-ONE (DOT) see: EL9100000
METHYLBUTENE see: EM7520000
2-METHYLBUTENE see: EM7520000
2-METHYL-1-BUTENE see: EM7550000
2-METHYL-2-BUTENE see: EM7650000
cis-METHYLBUTENEDIOIC ACID see: GE6650000
2-METHYL-2-BUTENEDIOIC ACID see: GE6650000
trans-2-METHYL-2-BUTENEDIOIC ACID see: OX5075000
cis-2-METHYL-2-BUTENEDIOIC ACID, DIMETHYL ESTER see: GE6700000
METHYL BUTENE (DOT) see: EM7650000
METHYL BUTENE (DOT) see: EM7520000
2-METHYL-1-BUTENE (DOT) see: EM7550000
2-METHYL-2-BUTENE (DOT) see: EM7650000
3-METHYL-1-BUTENE (DOT) see: EM7600000
METHYL trans-2-BUTENOATE see: GQ5710000
trans-2-METHYL-2-BUTENOIC ACID see: GQ5430000
3-METHYL-2-BUTENOIC ACID see: GQ5425000
3-METHYL-2-BUTENOIC ACID 2-sec-BUTYL-4,6-DINITROPHENYL ESTER see: GQ5600000
3-METHYL-2-BUTENOIC ACID 2-(1-METHYLPROPYL)-4,6-DINITROPHENYL ESTER see: GQ5600000
3-METHYL-2-BUTEN-1-OL see: EM9472500
3-METHYL-3-BUTEN-2-ON (German) see: EN0175000
2-METHYL-1-BUTEN-3-ONE see: EN0175000
3-METHYL-2-BUTENYL ACETATE see: EM9473700
3-METHYL-2-BUTENYL BENZOATE see: EM9473900
4-(3-METHYL-2-BUTENYL)-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE see: UQ8530000
3-(3-METHYL-2-BUTENYL)-1,2,3,4,5,6-HEXAHYDRO-6,11-DIMETHYL-2,6-METHANO-3-BENZAZOCIN-8-OL see: PB8750000
3-METHYL-2-BUTENYL SALICYLATE see: EM9508000
3-METHYL-BUTIN-(1)-OL-(3) (German) see: ES0810000
3'-METHYLBUTTERGELB (German) see: BX8250000
1-METHYLBUTYL ACETATE see: AJ2100000
3-METHYLBUTYL ACETATE see: NS9800000
3-METHYL-1-BUTYL ACETATE see: NS9800000
2-METHYL-BUTYLACRYLAAT (Dutch) see: OZ3675000
2-METHYL-BUTYLACRYLAT (German) see: OZ3675000
2-METHYL-BUTYLACRYLATE see: OZ3675000
METHYLBUTYLAMINE see: EO5250000
N-(METHYL) BUTYL AMINE see: EO5250000
N-METHYL-n-BUTYLAMINE see: EO5250000
N-METHYLBUTYLAMINE (DOT) see: EO5250000
3-METHYLBUTYL alpha-AMINOBENZENEACETATE HYDROCHLORIDE (+-)- see: MC0840000
m-METHYLBUTYLBENZENE see: XS8150000
p-METHYL-tert-BUTYLBENZENE see: XS8400000
1-METHYL-4-tert-BUTYLBENZENE see: XS8400000
METHYL 5-BUTYL-2-BENZIMIDAZOLECARBAMATE see: DD6495000
1-(3-METHYL)BUTYL BENZOATE see: DH3078000
3-METHYLBUTYL BROMIDE see: EJ6230000
2-METHYLBUTYL BUTANOATE see: ET5485000
2-METHYLBUTYL BUTYRATE see: ET5485000
3-METHYLBUTYL BUTYRATE see: ET5034000
2-METHYLBUTYL BUTYRATE (DOT) see: ET5485000
METHYL 1-(BUTYLCARBAMOYL)-2-BENZIMIDAZOLYLCARBAMATE see: DD6475000
(2-METHYLBUTYL)DICHLOROARSINE see: CH4550000
METHYL-1,3-BUTYLENE GLYCOL ACETATE see: EL4725000
METHYL tert-BUTYL ETHER see: KN5250000
3-METHYLBUTYL ETHANOATE see: NS9800000
METHYL BUTYL ETHER see: KN5240000
METHYL n-BUTYL ETHER see: KN5240000
METHYL-tert-BUTYL ETHER (DOT) see: KN5250000
3-METHYLBUTYL FORMATE see: NT0185000
METHYLBUTYL HYDRAZINE see: MV0900000
1-METHYL-2-BUTYL-HYDRAZINE DIHYDROCHLORIDE see: MV0905000
alpha-METHYL-p-(tert-BUTYL)HYDROCINNAMALDEHYDE see: MW4895000
3-METHYLBUTYL 2-HYDROXYBENZOATE see: VO4375000
3-METHYLBUTYLIODIDE see: EK4412000 BUTANE, 1-IODO-3-METHYL-
METHYL n-BUTYL KETONE see: MP1400000
METHYL-N-(p-tert-BUTYL-alpha-METHYLHYDROCINNAMYLIDENE) ANTHRANILATE see: CB2559200
METHYL-BUTYL-NITROSAMIN (German) see: EO5425000
METHYLBUTYLNITROSAMINE see: EO5425000
METHYL-n-BUTYLNITROSAMINE see: EO5425000
m-(1-METHYLBUTYL)PHENYL METHYLCARBAMATE see: FC3500000
alpha-METHYL, beta-(p-tert-BUTYLPHENYL)PROPIONALDEHYDE see: MW4895000
5-(1-METHYLBUTYL)-5-(2-PROPENYL)-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE MONOSODIUM SALT see: CP9800000
5-(3-METHYLBUTYL)-2-PYRIDINECARBOXYLIC ACID see: TJ7554600 PICOLINIC ACID, 5-ISOPENTYL-
5-METHYL-3-BUTYLTETRAHYDROPYRAN-4-YL ACETATE see: UQ0500000
2-METHYL-3-BUTYN-2-OL see: ES0810000
METHYL-3-BUTYN-2-OL CARBAMATE see: ES0818000
alpha-METHYLBUTYRALDEHYDE see: ES3400000
2-METHYLBUTYRALDEHYDE see: ES3400000
3-METHYLBUTYRALDEHYDE see: ES3450000
METHYL BUTYRATE see: ET5500000
METHYL-n-BUTYRATE see: ET5500000
3-METHYLBUTYRATE see: NY1400000
METHYL BUTYRATE (DOT) see: ET5500000

beta-METHYLBUTYRIC ACID see: NY1400000
3-METHYLBUTYRIC ACID see: NY1400000
alpha-METHYLBUTYRIC ALDEHYDE see: ES3400000
gamma-METHYL-gamma-BUTYROLACTONE see: LU3580000
4-METHYL-gamma-BUTYROLACTONE see: LU3580000
3-METHYLBUTYRONITRILE see: NY1750000
8-(3-METHYLBUTYRYLOXY)-DIACETOXYSCIRPENOL see: YD0100000
dl-alpha-METHYL CAMPHORATE SODIUM SALT see: GY4212000
METHYL CAPROATE see: MO8401400
N-METHYL-e-CAPROLACTAM see: CM4025000
METHYL CAPRONATE see: MO8401400
METHYL CARBAMATE see: FC2450000
N-METHYLCARBAMATE DE 4-DIMETHYLAMINO 3-METHYL PHENYLE (French) see: FC0175000
N-METHYLCARBAMATE DE 1-NAPHTYLE (French) see: FC5950000
METHYLCARBAMATE 1-NAPHTHALENOL see: FC5950000
METHYLCARBAMATE 1-NAPHTHOL see: FC5950000
METHYLCARBAMIC ACID 2-CHLORO-m-CUMENYL ESTER see: FB5649900
METHYLCARBAMIC ACID m-CYM-5-YL ESTER see: FB8050000
METHYL CARBAMIC ACID 2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURANYL ESTER see: FB9450000
METHYLCARBAMIC ACID, 4-(DIMETHYLAMINO)-3,5-XYLYL ESTER see: FC0700000
METHYLCARBAMIC ACID, ETHYL ESTER see: FC2625000
METHYLCARBAMIC ACID 2,3-(ISOPROPYLIDENEDIOXY)PHENYL ESTER see: FC1140000
METHYLCARBAMIC ACID METHYLPHENYL ESTER see: FC4755000
METHYL CARBAMIC ACID 4-(METHYLTHIO)-3,5-XYLYL ESTER see: FC5775000
METHYLCARBAMIC ACID, 1-NAPHTHYL ESTER see: FC5950000
METHYLCARBAMIC ESTER of 3-OXYPHENYLDIMETHYLAMINE HYDROCHLORIDE see: FB9895000
METHYLCARBAMIC ESTER of OXYPHENYLMETHYLDIETHYLAMMONIUM IODIDE see: BR1840000
METHYLCARBAMIC ESTER of p-OXYPHENYLTRIMETHYLAMMONIUM IODIDE see: BR4550000
METHYLCARBAMIC ESTER of 8-OXYQUINOLINE METHIODIDE see: VC3960000
METHYLCARBAMOYLETHYL ACRYLATE see: AT2700000
2-METHYL-4-CARBAMOYL-5-HYDROXYIMIDAZOLE see: NI3976000
S-METHYLCARBAMOYLMETHYL 0,0-DIMETHYL PHOSPHORODITHIOATE see: TE1750000
METHYL N-(CARBAMOYLOXY)THIOACETIMIDATE see: AB2955000
N-((METHYLCARBAMOYL)OXY)THIOACETIMIDIC ACID METHYL ESTER see: AK2975000
METHYLCARBAMYLETHYL ACRYLATE see: AT2700000
m-METHYLCARBANILIC ACID 2-(BENZYLMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: FD9307000
p-METHYLCARBANILIC ACID 2-(BENZYLMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: FD9308000
o-METHYLCARBANILIC ACID, N-ETHYL-3-PIPERIDINYL ESTER see: FD9320000
p-METHYLCARBANILIC ACID 2-(METHYLPHENETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: FD9680000
m-METHYLCARBANILIC ACID 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHYL ESTER HYDROCHLORIDE see: FD9685000
p-METHYLCARBANILIC ACID 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHYL ESTER HYDROCHLORIDE see: FD9690000
METHYLCARBANILIC ACID 1-NAPHTHYL ESTER see: FD9730000
p-METHYLCARBANILIC ACID 4-PYRIDYLMETHYL ESTER see: FD9749000
p-METHYLCARBANILIC ACID 4-THIOCYANATO-2-BUTYNYL ESTER see: FD9755000
1-METHYL-4-CARBETHOXY-4-PHENYLPIPERIDINE HYDROCHLORIDE see: NS5950000
METHYL CARBETHOXYSYRINGOYL RESERPATE see: ZG0175000
METHYLCARBINOL see: KQ6300000
METHYL CARBITOL see: KL6125000
METHYL CARBITOL ACETATE see: KL6300000
2-METHYL-beta-CARBOLINE see: UV0280000
3-METHYL-4-CARBOLINE see: UV0280000
2-METHYL-delta-CARBOLINE HYDROCHLORIDE see: UU9805000
METHYL 4-CARBOMETHOXYBENZOATE see: WZ1225000
trans-N-METHYL-3-CARBOMETHOXY-4-HYDROXYPIPERIDINE HYDROBROMIDE see: QU1985000
cis-N-METHYL-3-CARBOMETHOXY-4-HYDROXYPIPERIDINE HYDROBROMIDE see: QU1980000
N-METHYL-3-CARBOMETHOXY-4-HYDROXYPIPERIDINE METHIODIDE see: TN4700000
N-METHYL-3-CARBOMETHOXYPIPERIDINE see: QU1987000
N-METHYL-3-CARBOMETHOXY-4-PIPERIDONE HYDROCHLORIDE see: QU1990000
METHYL CARBONATE see: FG0450000
METHYLCARBOPHENOTHION see: TD5425000
METHYLCARBORANYLSULFONATE POTASSIUM see: HS9352000
4H-3-METHYLCARBOXAMIDE-3-BENZOXAZINE-2-ONE see: DM3300000
17-beta-(1-METHYL-3-CARBOXYPROPYL)ETIOCHOLANE-3-alpha,7-beta-DIOL see: FZ2000000
17-beta-(1-METHYL-3-CARBOXYPROPYL)-ETIOCHOLANE-3-alpha,12-alpha-DIOL see: FZ2100000
17-beta-(1-METHYL-3-CARBOXYPROPYL)ETHIOCHOLAN-3-alpha-OL see: FZ2275000
N-METHYL-N-(3-CARBOXYPROPYL)NITROSAMINE see: ET5708000
METHYLCATECHOL see: SL7525000
4-METHYLCATECHOL see: UX1915000
METHYL-CCNU see: YS5000000
METHYL CEDRYL ETHER see: PB7728000
METHYL CELLOSOLVE see: KL5775000
METHYL CELLOSOLVE (DOT) see: KL5775000
METHYL CELLOSOLVE ACETATE see: KL5950000
METHYL CELLOSOLVE ACETATE (DOT) see: KL5950000
METHYL CELLOSOLVE ACETAAT (Dutch) see: KL5950000
METHYLCELLULOSE see: FJ5959000
METHYLCELLULOSE (1/2%) see: FJ5959000
METHYL CELLULOSE-A see: FJ5959000
METHYL CELLULOSE ETHER see: FJ5959000
beta-METHYLCHALCONE see: AN0350000
METHYL CHAVICOL see: BZ8225000
METHYL CHEMOSEPT see: DH2450000
METHYLCHLOORFORMIAAT (Dutch) see: FG3675000
METHYL-2-CHLORAETHYLNITROSAMIN (German) see: KR1970000
S-METHYL-N-(3-CHLOR-4-BROM-PHENYL)-DITHIOCARBAMAT (German) see: FD7580000
METHYLCHLORID (German) see: PA6300000
METHYL CHLORIDE see: PA6300000
METHYL CHLORIDE (DOT) see: PA6300000
METHYL CHLORIDE-METHYLENE CHLORIDE MIXTURE (DOT) see: PA6385000
METHYL CHLOROACETATE see: AF9500000
METHYL CHLOROACETATE (DOT) see: AF9500000
2-METHYL-4-CHLOROANILINE see: XU5000000
2-METHYL-4-CHLOROANILINE HYDROCHLORIDE see: XU5250000
2-(2'-METHYL-3'-CHLORO)ANILINONICOTINIC ACID see: QT0960000 NICOTINIC ACID, 2-(3-CHLORO-o-TOLUIDINO)-
1-METHYL-2-CHLOROBENZENE see: XS9000000
2-METHYLCHLOROBENZENE see: XS9000000
N-METHYL-N'-(4-CHLOROBENZHYDRYL)PIPERAZINE DIHYDROCHLORIDE see: TL2100000
1-METHYL-7-CHLORO-5-BENZOYLHYDRAZINO-2,3-DIHYDRO-1H-1,4-BENZODIAZEPIN-2-ONE see: DG5105000
O-METHYL O-2-CHLORO-4-tert-BUTYLPHENYL N-METHYLAMIDOPHOSPHATE see: TB3850000
METHYL CHLOROCARBONATE see: FG3675000
METHYL CHLOROCARBONATE (DOT) see: FG3675000
METHYL 2-CHLORO-3-(4-CHLOROPHENYL)PROPIONATE see: UE8840000
2-(N-METHYL-N-(2-CHLOROETHYL)AMINOMETHYL)-1,4-BENZODIOXAN HYDROCHLORIDE see: DF3520000
METHYL-beta-CHLOROETHYL-BIS(beta-HYDROXYETHYL)-METHYLAMMONIUMETHYLAMINE CHLORIDE HCl see: BP5100000
METHYL(2-CHLOROETHYL)NITROSAMINE see: KR1970000
METHYL 2-CHLOROETHYLTHIOACETATE see: AF9192500
5-METHYL-3-(2-CHLORO-6-FLUOROPHENYL)-4-ISOXAZOLYLPENICILLIN SODIUM see: XH8680000
METHYLCHLOROFORM see: KJ2975000
METHYL CHLOROFORMATE see: FG3675000
METHYL CHLOROFORMATE (DOT) see: FG3675000
METHYL CHLOROFORM (DOT) see: KJ2975000
METHYL 2-CHLORO-3-HYDROXY-3-(DIMETHOXYPHOSPHINYL)BUTANOATE see: ES8350000
METHYL-2-CHLORO-9-HYDROXYFLUORENE-9-CARBOXYLATE see: LL6070000
1-METHYL-5-CHLOROINDOLINE METHYLBROMIDE see: NM2080000
METHYL 4-CHLORO-N-(((METHYLAMINO)CARBONYL)OXY)BENZENECARBOXIMIDOTHIOATE see: DE3000000
METHYLCHLOROMETHYL ETHER see: KN6650000
METHYL CHLOROMETHYL ETHER, ANHYDROUS (DOT) see: KN6650000
4-METHYL-6-(((2-CHLORO-4-NITRO)PHENYL)AZO)-m-ANISIDINE see: BZ6900000
3-METHYL-4-CHLOROPHENOL see: GO7100000
2-METHYL-4-CHLOROPHENOXYACETIC ACID see: AG1575000
(2-METHYL-4-CHLOROPHENOXY)ACETIC ACID, DIETHANOLAMINE SALT see: AG2275000
(2-METHYL-4-CHLOROPHENOXY)ACETIC ACID, SODIUM SALT see: AG2625000
2-METHYL-4-CHLOROPHENOXYBUTYRIC ACID see: ES8575000
gamma-2-METHYL-4-CHLOROPHENOXYBUTYRIC ACID see: ES8575000
4-(2-METHYL-4-CHLOROPHENOXY)BUTYRIC ACID see: ES8575000
4-(2-METHYL-4-CHLOROPHENOXY)BUTYRIC ACID, SODIUM SALT see: ES8750000
alpha-(2-METHYL-4-CHLOROPHENOXY)PROPIONIC ACID see: UE9750000
2-METHYL-4-CHLOROPHENOXY-alpha-PROPIONIC ACID see: UE9750000
2-(2-METHYL-4-CHLOROPHENOXY)PROPIONIC ACID see: UE9750000
2-(2-METHYL-4-CHLOROPHENOXY)PROPIONIC ACID, DIETHANOLAMINE SALT see: UF0175000
2-(2-METHYL-4-CHLOROPHENOXY)PROPIONIC ACID, SODIUM SALT see: UF0350000
2-METHYL-4-CHLOROPHENOXYTHIOL ACETIC ACID S-ETHYL ESTER see: AG2650000
1-METHYL-7-CHLORO-5-PHENYL-3-ACETYLHYDRAZINO-2,3-DIHYDRO-1H-1,4-BENZODIAZEPIN-2-ONE see: AF9537000
N-(2-METHYL-3-CHLOROPHENYL)ANTHRANILIC ACID see: CB2687500 ANTHRANILIC ACID, N-(3-CHLORO-o-TOLYL)-
N'-(2-METHYL-4-CHLOROPHENYL)-N,N-DIMETHYLFORMAMIDINE see: LQ4375000
3-METHYL-4-((o-CHLOROPHENYL)HYDRAZONE)-4,5-ISOXAZOLEDIONE see: NY2800000
3-METHYL-4-(o-CHLOROPHENYLHYDRAZONO)-5-ISOXAZOLONE see: NY2800000
2-METHYL-4-(p-CHLOROPHENYL)-2,4-PENTANEDIOL see: SA0525000
2-METHYL-3-(4-CHLOROPHENYL)-4(3H)-QUINAZOLINONE see: VA2976000
METHYL CHLOROPHOS see: TA0700000
METHYLCHLOROPINDOL see: UU7711500
METHYL 2-CHLOROPROPANOATE see: UE9100000
METHYL-2-CHLOROPROPIONATE (DOT) see: UE9100000
3-METHYL-4-CHLOROPYRAZOLE see: UQ6456000
METHYLCHLOROSILANE see: VV2150000
METHYL CHLOROSILANE (DOT) see: VV2150000
METHYLCHLOROTHIAZIDE see: DK8575000
METHYLCHLOROTHION see: TE8050000
METHYL CHLOROTHYMOL see: GO7105000
2-METHYL-4-CHLORPHENOXYESSIGSAEURE (German) see: AG1575000
2-METHYL-3-(4'-CHLORPHENYL)CHINAZOLON-(4) (German) see: VA2976000
S-METHYL-N-(2-CHLOR-PHENYL)-DITHIOCARBAMAT (German) see: FD7775000
S-METHYL-N-(3-CHLOR-PHENYL)-DITHIOCARBAMAT (German) see: FD7770000
S-METHYL-N-(4-CHLOR-PHENYL)-DITHIOCARBAMAT (German) see: FD7780000
N'-(2-METHYL-4-CHLORPHENYL)-FORMAMIDIN-HYDROCHLORID (German) see: LQ4375000
1-METHYL-3-(5-(p-CHLORPHENYL)-1,3,4-OXADIAZOL-2-YLIMINO)INDOLIN-2-ONE see: NM2089600
METHYLCHLORPINDOL see: UU7711500
METHYL CHLORPYRIFOS see: TG0700000
METHYLCHLORTETRACYCLINE see: QI7650000
METHYLCHOLANTHRENE see: FZ3675000
3-METHYLCHOLANTHRENE see: FZ3675000
5-METHYLCHOLANTHRENE see: FZ4025000
20-METHYLCHOLANTHRENE see: FZ3675000
22-METHYLCHOLANTHRENE see: FZ3850000
20-METHYLCHOLANTHRENE-CHOLEIC ACID see: FZ2160000
3-METHYLCHOLANTHRENE 11,12-DIHYDRODIOL (E) see: FZ3470000
cis-3-METHYLCHOLANTHRENE-1,2-DIOL see: FZ3500000
3-METHYLCHOLANTHRENE EPOXIDE see: FZ4037000
3-METHYLCHOLANTHRENE-11,12-EPOXIDE see: FZ4040000
3-METHYLCHOLANTHRENE-2-ONE see: FZ4550000
3-METHYLCHOLANTHRENE 11,12-OXIDE see: FZ2975000
20-METHYLCHOLANTHRENE PICRATE see: CU0950000
3-METHYLCHOLANTHRENE compd. with PICRIC ACID (1:1) see: CU0950000
20-METHYLCHOLANTHRENE-TRINITROBENZENE see: FZ4050000
3-METHYLCHOLANTHREN-1-OL see: FZ4100000
3-METHYLCHOLANTHREN-2-OL see: FZ4200000
3-METHYLCHOLANTHREN-2-ONE see: FZ4550000
3-METHYLCHOLANTHREN-1-ONE see: FZ4375000
20-METHYLCHOLANTHREN-15-ONE see: FZ4375000
3-METHYLCHOLANTHRYLENE see: CU1225000
20-METHYLCHOLANTHRYLENE see: CU1225000
1-METHYLCHRYSENE see: GC1320000
2-METHYLCHRYSENE see: GC1350000
3-METHYLCHRYSENE see: GC1380000
4-METHYL CHRYSENE see: GC1400000
5-METHYLCHRYSENE see: GC1575000
6-METHYLCHRYSENE see: GC1750000
alpha-METHYLCINNAMALDEHYDE see: GD6600000
METHYL CINNAMATE see: GE0190000
METHYL CINNAMIC ALDEHYDE see: GD6600000
alpha-METHYLCINNAMIC ALDEHYDE see: GD6600000
METHYL CINNAMIC ALCOHOL see: GE2340000
alpha-METHYLCINNAMYL ALCOHOL see: GE2340000
alpha-METHYLCINNAMYLAMINE HYDROCHLORIDE see: GE2373000
METHYL CINNAMYLATE see: GE0190000
alpha-METHYLCINNIMAL see: GD6600000
METHYLCLOTHIAZIDE see: DK8575000
METHYLCOFFANOLAMINE see: EV6566000 CAFFEINE, 8-((2-HYDROXYETHYL)METHYLAMINO)-
METHYLCOLCHICINE see: GH0800000
N-METHYLCOLCHIFOLINE see: AC3662400
6-METHYLCOUMARIN see: GN7792000
7-METHYLCOUMARIN see: GN7792100
6-METHYLCOUMARINIC ANHYDRIDE see: GN7792000
6-METHYL-m-CRESOL see: ZE5775000
METHYL CROTONATE see: GQ5710000
METHYL alpha-CROTONATE see: GQ5710000

METHYL E-CROTONATE see: GQ5710000
METHYL trans-CROTONATE see: GQ5710000
beta-METHYLCROTONIC ACID see: GQ5425000
(E)-2-METHYLCROTONIC ACID see: GQ5430000
trans-2-METHYLCROTONIC ACID see: GQ5430000
3-METHYLCROTONIC ACID see: GQ5425000
3-METHYLCROTONIC ACID 2-sec-BUTYL-4,6-DINITROPHENYL ESTER see: GQ5600000
gamma-METHYL-alpha,beta-CROTONOLACTONE see: LU5100000
gamma-METHYL-beta,gamma-CROTONOLACTONE see: LU5075000
METHYL CYANIDE see: AL7700000
METHYL alpha-CYANOACRYLATE see: AS7000000
METHYL 2-CYANOACRYLATE see: AS7000000
METHYL CYANOACRYLATE see: AS7000000
9-METHYL-10-CYANO-1,2-BENZANTHRACENE see: CW1400000
D-6-METHYL-8-CYANOMETHYLERGOLINE see: KE1900000
ortho-METHYLCYCLIZINE DIHYDROCHLORIDE see: TM1774200
N-METHYL-N'-CYCLOBUTYL-N-NITROSOUREA see: YS7562000
METHYLCYCLOHEXANE see: GV6125000
beta-METHYLCYCLOHEXANEACRYLIC ACID see: GU6940000
METHYLCYCLOHEXANE (DOT) see: GV6125000
beta-METHYLCYCLOHEXANEPROPENOIC ACID see: GU6940000
METHYLCYCLOHEXANOL see: GW0175000
METHYL CYCLOHEXANOL (DOT) see: GW0175000
2-METHYL-CYCLOHEXANON (German, Dutch) see: GW1750000
METHYLCYCLOHEXANONE see: GW1575000
o-METHYLCYCLOHEXANONE see: GW1750000
2-METHYLCYCLOHEXANONE see: GW1750000
METHYL CYCLOHEXANONE (DOT) see: GW1575000
2-METHYLCYCLOHEXANONHELVETICOSID (German) see: FH4920100 5-beta-CARD-20(22)-ENOLIDE, 3-beta((2,6-DIDEOXY-3,4-O-(2-METHYLCYCLOHEXYLIDENE)-beta-D- ribo-HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
3-METHYLCYCLOHEXANONHELVETICOSID (German) see: FH4920150 5-beta-CARD-20(22)-ENOLIDE, 3-beta((2,6-DIDEOXY-3,4-O-(3-METHYLCYCLOHEXYLIDENE)-beta-D- ribo-HEXAPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
4-METHYLCYCLOHEXANONHELVETICOSID (German) see: FH4920250 5-beta-CARD-20(22)-ENOLIDE, 3-beta((2,6-DIDEOXY-3,4-O-(4-METHYLCYCLOHEXYLIDENE)-beta-D- ribo-D-HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
2-METHYL-4-CYCLOHEXENE-1-CARBOXALDEHYDE see: GW3150000
1-METHYL-3-CYCLOHEXENECARBOXYLIC ACID see: GW4550000
(METHYL-3-CYCLOHEXENYL)METHANOL see: PC2975000
N-METHYL-5-CYCLOHEXENYL-5-METHYLBARBITURIC ACID see: CQ2625000
alpha-(METHYLCYCLOHEXYLAMINO)BENZYL ALCOHOL o-METHOXYBENZOATE (ester) see: DP0420000
1-(2-(N-METHYLCYCLOHEXYLAMINO)ETHYL)GUANIDINE see: MF3690200
1-(1-(1-METHYLCYCLOHEXYL)-3-AZETIDINYL)GUANIDINE see: MF3693000
METHYL-beta-CYCLOHEXYLETHYLAMINE HYDROCHLORIDE see: GV2451000
N-METHYL CYCLOHEXYLHYDROXYMETHYL-2 AZIRIDINE R*,S*- (French) see: CM7955000
N-METHYL-N-(CYCLOHEXYLMETHYL) AMINE see: GV6300000
METHYLCYCLOHEXYLNITROSAMIN (German) see: GX1575000
METHYLCYCLOHEXYLNITROSAMINE see: GX1575000
N-METHYL-N'-CYCLOHEXYL-N-NITROSOUREA see: YS7620000
N-METHYL-N-(2-CYCLOHEXYL-2-PHENYL-1,3-DIOXOLAN-4-YL-METHYL)-PIPERIDINIUM IODIDE see: TN4750000
METHYL-gamma-CYCLOHEXYLPROPYLAMINE HYDROCHLORIDE see: GV6830000
3-METHYLCYCLOPENTADECANONE see: GY0950000
METHYLCYCLOPENTADIENE DIMER see: PC1075000
METHYLCYCLOPENTADIENYL MANGANESE TRICARBONYL see: OP1450000
2-METHYLCYCLOPENTADIENYL MANGANESETRICARBONYL see: OP1450000
METHYLCYCLOPENTANE see: GY4640000
METHYLCYCLOPENTANE (DOT) see: GY4640000
3-METHYLCYCLOPENTANE-1,2-DIONE see: GY7298000
11-METHYLCYCLOPENTA(a)PHENANTHRENE see: GY5695000
11-METHYL-11H-CYCLOPENTA(a)PHENANTHRENE see: GY5695000
17-METHYL-15H-CYCLOPENTA(a)PHENANTHRENE see: GY5700000
11-METHYL-15H-CYCLOPENTA(a)PHENANTHREN-17(16H)-ONE see: GY5811000
METHYLCYCLOPENTENOLONE see: GY7298000
3-METHYL-1-CYCLOPENTADECANONE see: GY0950000
4-METHYL-1,2-CYCLOPENTENOPHENANTHRENE see: GY5400000
10-METHYL-1,2-CYCLOPENTENOPHENANTHRENE see: GY5350000
N-METHYL-N'-CYCLOPENTYL-N-NITROSOUREA see: YS7892000
(+-)-cis-6-METHYLCYCLOPHOSPHAMIDE see: RP6156550
(+-)-trans-6-METHYLCYCLOPHOSPHAMIDE see: RP6156570
METHYL 4-(N-(CYCLOPROPYLCARBONYL)-N-PHENYLAMINO)-1-(2-PHENYLETHYL)-4-PIPERIDINECARBOXYLATE see: TM6165000
N-METHYL-N'-CYCLOPROPYL-N-NITROSOUREA see: YS7894000
METHYLCYCLOTHIAZIDE see: DK8575000
2-METHYL-DAB see: XU5950000
3'-METHYL-DAB see: BX8250000
3-METHYL-4-DAB see: XU6000000
N-METHYLDAUNOMYCIN see: QI9297500
N-METHYLDAUNOMYCIN see: QI9297600
METHYL-DBCP see: TX4600000 PROPANE, 3-CHLORO-1,2-DIBROMO-2-METHYL-
m-METHYL-DCBA see: DP1591000
o-METHYL-DCBA see: DP1591500
p-METHYL-DCBA see: DP1592000
4-METHYLDECAHYDRO-1H-CYCLOPENT(b)INDOLIZINIUM IODIDE see: GY8101600
alpha-METHYL DECALACTONE see: HD9800000
2-METHYL-1-DECANAL see: HD6320000
4-METHYLDECANOLIDE see: HD9800000
METHYL DECYL ETHER see: KN7510000
METHYL n-DECYL ETHER see: KN7510000
6-METHYL-6-DEHYDRO-17-alpha-ACETOXYPROGESTERONE see: TU4075000
6-METHYL-6-DEHYDRO-17-alpha-ACETYLPROGESTERONE see: TU4075000
6-METHYL-6-DEHYDRO-17-METHYLPROGESTERONE see: TU3832300
N-METHYLDEMECOLCINE see: GH0800000
METHYL DEMETON see: TG1760000
METHYL-DEMETON-O see: TG1650000
O-METHYLDEMETON see: TG1650000
METHYL DEMETON-O-SULFOXIDE see: TG1420000
METHYL DEMETON THIOESTER see: TG1750000
5-METHYLDEOXYCYTIDINE see: HA3860000
(15S)-15-METHYL-9-DEOXY-delta(sup 9)-PGD2 see: UK8355000
(15S)-15-METHYL-9-DEOXY-delta(sup 9)-PROSTAGLANDIN D2 see: UK8355000
5-METHYLDEOXYURINDINE see: XP2071000
N-METHYL-N-DESACETYLCOLCHICINE see: GH0800000
METHYL DIACETOACETATE see: AK4900000
2-METHYLDIACETYLBENZIDINE see: DT2900000
2-METHYL-N,N'-DIACETYLBENZIDINE see: DT2900000
METHYL DIAZEPINONE see: DF1575000
METHYLDIAZOTATE POTASSIUM SALT see: QY9225000
7-METHYLDIBENZ(c,h)ACRIDINE see: HN2020000
9-METHYL-3,4,5,6-DIBENZACRIDINE see: HN2020000
10-METHYL-1,2:5,6-DIBENZACRIDINE see: HN1999000
10-METHYL-1,2:7,8-DIBENZACRIDINE see: HN2020000
14-METHYLDIBENZ(a,h)ACRIDINE see: HN1999000
2-METHYLDIBENZ(a,h)ANTHRACENE see: HN5450000
2'-METHYL-1:2:5:6-DIBENZANTHRACENE see: HN5450000
3-METHYLDIBENZ(a,h)ANTHRACENE see: HN5475000
3'-METHYL-1:2:5:6-DIBENZANTHRACENE see: HN5475000
4-METHYL-1,2,5,6-DIBENZANTHRACENE see: HN5500000
7-METHYLDIBENZ(a,h)ANTHRACENE see: HN5520000
10-METHYLDIBENZ(a,c)ANTHRACENE see: DM2100000
N-METHYL-3:4:5:6-DIBENZCARBAZOLE see: HO5760000
N-METHYL-7H-DIBENZO(c,g)CARBAZOLE see: HO5760000
10-METHYLDIBENZO(def,p)CHRYSENE see: HO7175000
6-METHYLDIBENZO(def,mno)CHRYSENE-12-CARBOXALDEHYDE see: HO7000000
14-METHYLDIBENZO(b,def)CHRYSENE-7-CARBOXALDEHYDE see: HO6825000
1-METHYL-4-(5-DIBENZO(a,e)CYCLOHEPTATRIENYLIDENE)PIPERIDINE HYDROCHLORIDE see: TM7050000
N-METHYL-5H-DIBENZO(a,d)CYCLOHEPTENE-5-PROPYLAMINE HYDROCHLORIDE see: HP1400000
7-METHYLDIBENZO(h,rst)PENTAPHENE see: HP5775000
2'-METHYL-1,2:4,5-DIBENZOPYRENE see: QL0350000
3'-METHYL-1,2:4,5-DIBENZOPYRENE see: QL0525000
5-METHYL-1,2,3,4-DIBENZOPYRENE see: HO7175000
5-METHYL-3,4:8,9-DIBENZOPYRENE (French) see: HO7070000
5-METHYL-3,4,9,10-DIBENZPYRENE (French) see: DI6155000
7-METHYL-1:2:3:4-DIBENZPYRENE see: HO7100000
2-METHYL-1,2-DIBROMO-3-CHLOROPROPANE see: TX4600000 PROPANE, 3-CHLORO-1,2-DIBROMO-2-METHYL-
METHYLDIBROMOGLUTARONITRILE see: MA5599000
4-METHYL-2,6-DI-terc. BUTYLFENOL (Czech) see: GO7875000
METHYLDI-tert-BUTYLPHENOL see: GO7875000
4-METHYL-2,6-DI-tert-BUTYLPHENOL see: GO7875000
2-METHYL-1,2-DICARBADODECABORANE(12)-1-THIOL see: HS9354000
2-(2-METHYL-1,2-DICARBAUNDECABORAN(11)-1-YL)TRIETHYLAMINE see: YE2113670
METHYL DICHLOROACETATE (DOT) see: AG6625000
METHYLDICHLOROARSINE (DOT) see: CH4375000
METHYLDICHLOROARSINE see: CH4375000
O-METHYL O-2,5-DICHLORO-4-BROMOPHENYL PHENYLTHIOPHOSPHONATE see: TB1720000
METHYL 3,4-DICHLOROCARBANILATE see: FD8750000
N-METHYL-2,2'-DICHLORODIETHYLAMINE see: IA1750000
N-METHYL-2,2'-DICHLORODIETHYLAMINE HYDROCHLORIDE see: IA2100000
N-METHYL-2,2'-DICHLORODIETHYLAMINE N-OXIDE HYDROCHLORIDE see: IA2275000
METHYLDI(2-CHLOROETHYL)AMINE see: IA1750000
METHYLDI(beta-CHLOROETHYL)AMINE HYDROCHLORIDE see: IA2100000
METHYLDI(2-CHLOROETHYL)AMINE HYDROCHLORIDE see: IA2100000
METHYLDI(2-CHLOROETHYL)AMINE N-OXIDE HYDROCHLORIDE see: IA2275000
N-METHYL-DI-2-CHLOROETHYLAMINE HYDROCHLORIDE see: IA2100000
N-METHYL-DI-2-CHLOROETHYLAMINE-N-OXIDE see: IA2200000
m-METHYL-DI-(2-CHLOROETHYL)-BENZYLAMINE see: DP1591000
o-METHYL-DI-(2-CHLOROETHYL)-BENZYLAMINE see: DP1591500
p-METHYL-DI-(2-CHLOROETHYL)-BENZYLAMINE see: DP1592000
METHYL 2-(4-(2,4-DICHLOROPHENOXY)PHENOXY)PROPIONATE see: UF1180000
METHYL-N-(3,4-DICHLOROPHENYL) CARBAMATE see: FD8750000
METHYL alpha,4-DICHLOROPHENYLPROPANOATE see: UE8840000
2'-O-METHYL-5,6-DICHLORO-1-beta-D-RIBOFURANOSYLBENZIMIDAZOLE see: DD7151000
3'-O-METHYL-5,6-DICHLORO-1-beta-D-RIBOFURANOSYLBENZIMIDAZOLE see: DD7151300
METHYLDICHLOROSILANE see: VV3500000
METHYL DICHLOROSILANE (DOT) see: VV3500000
S-METHYL-N-(3,4-DICHLOR-PHENYL)-DITHIOCARBAMAT (German) see: FD8693000
METHYL-DICHLORSILAN (Czech) see: VV3500000
METHYL DIEPOXYDIALLYLACETATE see: YV7350000
N-METHYLDIETHANOLIMINE see: KL7525000
4-((alpha-METHYL-beta-DIETHYLAMINO)ETHYL)OXYDIPHENYLETHANE see: UI0901000
4-((alpha-METHYL-beta-DIETHYLAMINO)ETHYL)-OXYSTILBENE see: UI0960000
1-METHYL-3-DIETHYLAMINOPROPYL 1,2,3,4-TETRAHYDRO-6-CARBAZOLYLCARBOXYLATE HYDROCHLORIDE see: FE5842000
3-METHYL-N,N-DIETHYLBENZAMIDE see: XS3675000
2-METHYL-4-DIETHYLAMINOPENTAN-5-OL p-AMINOBENZOATE see: SA6475000
1-METHYL-3-(N,N-DIETHYLCARBAMOYL)PIPERIDINE see: QU1921000
1-METHYL-4-DIETHYLCARBAMOYLPIPERAZINE CITRATE see: TL1225000 1-PIPERAZINECARBOXAMIDE, N,N-DIETHYL-4-METHYL-, CITRATE (1:1)
METHYL DIFLUORONITROACETATE see: AH0100000
METHYL DIFLUOROPHOSPHITE see: TA1840700
METHYLDIGOXIN see: FH5310000
METHYLDIGOXIN see: FH4920605
4'''-METHYLDIGOXIN see: FH5310000
4'''-METHYLDIGOXIN see: FH4920605
4'''-O-METHYLDIGOXIN see: FH5310000
4'''-O-METHYLDIGOXIN see: FH4920605
beta-METHYLDIGOXIN see: FH5310000
beta-METHYLDIGOXIN see: FH4920605
4'''-beta-METHYLDIGOXIN see: FH5310000
4'''-beta-METHYLDIGOXIN see: FH4920605
METHYL-DIHYDROARTEMISININE see: KD4165000
6-METHYL-3,4-DIHYDRO-2H-1-BENZOTHIOPYRAN-7-SULFONAMIDE 1,1-DIOXIDE see: XK6360000
trans-3-METHYL-4,5-DIHYDROCHOLANTHRENE-4,5-DIOL see: FZ3495000
trans-3-METHYL-7,8-DIHYDROCHOLANTHRENE-7,8-DIOL see: FZ3430000
trans-3-METHYL-11,12-DIHYDROCHOLANTHRENE-11,12-DIOL see: FZ3470000
11-METHYL-3,4-DIHYDRO-1(2H)-CHRYSENONE see: GC2015000
11-METHYL-15,16-DIHYDRO-17H-CYCLOPENTA(a)PHENANTHREN-17-ONE see: GY5775000
2-METHYL-4,5-DIHYDRO-4,5-FLUORANTHENEDIOL see: LL4392000
3-METHYL-4,5-DIHYDRO-4,5-FLUORANTHENEDIOL see: LL4394000
2-METHYL-3-(2-(3,4-DIHYDRO-2-METHYL-4-OXO-3-QUINAZOLINYL)ETHYL)-4(3H)-QUINAZOLINONE see: VA3379000
11-METHYL-15,16-DIHYDRO-17-OXOCYCLOPENTA(a)PHENANTHRENE see: GY5775000
2-(8-METHYL-10,11-DIHYDRO-11-OXODIBENZO(b,f)THIEPIN-2-YL)PROPIONIC ACID see: HQ2525000
2-(8-METHYL-10,11-DIHYDRO-11-OXODIBENZ(b,f)OXEPIN-2-YL)PROPIONIC see: HQ4083000
METHYLDIHYDROPYRAN see: UP7950000
2-METHYL-5,6-DIHYDRO-4,4-PYRAN-3-CARBONSAEUREANILID (German) see: UP7985000
2-METHYL-5,6-DIHYDRO-4-H-PYRANE-3-CARBOXYLIC ACID ANILIDE see: UP7985000
METHYLDIHYDROTESTOSTERONE see: BV8060050
2-alpha-METHYLDIHYDROTESTOSTERONE see: BV8060020
17-alpha-METHYLDIHYDROTESTOSTERONE see: BV8060050
2-METHYL-2,3-DIHYDRO-5H-THIAZOLO(2,3-b)QUINAZOLIN-5-ONE see: XJ7055500
4-METHYL-2,6-DIHYDROXYBENZOIC ACID see: VH3709600
N-METHYL-5,6-DIHYDROXYINDOXYL see: NM1890200

alpha-METHYL-beta-(3,4-DIHYDROXYPHENYL)-L-ALANINE see: AY5950000
alpha-METHYL-L-3,4-DIHYDROXYPHENYLALANINE see: AY5950000
L-(-)-alpha-METHYL-beta-(3,4-DIHYDROXYPHENYL)ALANINE see: AY5950000
L-alpha-METHYL-3,4-DIHYDROXYPHENYLALANINE see: AY5950000
METHYL-(beta-(3,4-DIHYDROXYPHENYL)ETHYL)AMINE HYDROCHLORIDE see: UX1925000
METHYLDIIODOARSINE see: CH6050000
METHYL 3-(DIMETHOXYPHOSPHINYLOXY)CROTONATE see: GQ5250000
METHYL ((3-((DIMETHOXYPHOSPHINYL)OXY)-1-OXO-2-BUTENYL)AMINO)ACETATE see: MC0590000
5-METHYL-10-beta-DIMETHYLAMINOAETHYL-10,11-DIHYDRO-11-OXO-5-DIBENZO(b,e)(1,4)DIAZEPIN see: HP2625000
3'-METHYL-4-DIMETHYLAMINOAZOBENZEN (Czech) see: BX8250000
m'-METHYL-p-DIMETHYLAMINOAZOBENZENE see: BX8250000
o'-METHYL-p-DIMETHYLAMINOAZOBENZENE see: BX8300000
p'-METHYL-p-DIMETHYLAMINOAZOBENZENE see: BX8400000
2-METHYL-N,N-DIMETHYL-4-AMINOAZOBENZENE see: BX8300000
2-METHYL-4-DIMETHYLAMINOAZOBENZENE see: XU5950000
2'-METHYL-4-DIMETHYLAMINOAZOBENZENE see: BX8300000
3'-METHYL-N,N-DIMETHYL-4-AMINOAZOBENZENE see: BX8250000
3-METHYL-4-DIMETHYLAMINOAZOBENZENE see: XU6000000
3'-METHYL-4-DIMETHYLAMINOAZOBENZENE see: BX8250000
4'-METHYL-4-DIMETHYLAMINOAZOBENZENE see: BX8400000
3'-METHYLDIMETHYLAMINOAZOBENZOL (German) see: BX8250000
3-METHYL-4-DIMETHYLAMINO-2,2-DIPHENYLBUTYRAMIDE see: YV4400000
METHYL 2-(DIMETHYLAMINO)-N-(((METHYLAMINO)CARBONYL)OXY)-2-OXOETHANIMIDOTHIOATE see: RP2300000
2-METHYL-5'-(p-DIMETHYLAMINOPHENYLAZO)QUINOLINE see: VB7700000
2'-METHYL-5'-(p-DIMETHYLAMINOPHENYLAZO)QUINOLINE see: UZ9800000
3-METHYL-5'-(p-DIMETHYLAMINOPHENYLAZO)QUINOLINE see: VB7525000
3'-METHYL-5'-(p-DIMETHYLAMINOPHENYLAZO)QUINOLINE see: VB5775000
6'-METHYL-5'-(p-DIMETHYLAMINOPHENYLAZO)QUINOLINE see: VB5950000
7'-METHYL-5'-(p-DIMETHYLAMINOPHENYLAZO)QUINOLINE see: VB6125000
8'-METHYL-5'-(p-DIMETHYLAMINOPHENYLAZO)QUINOLINE see: VB6300000
6-METHYL 11 (3-DIMETHYLAMINOPROPYL)DIBENZO(c.f)(1,2,5)THIADIAZEPINE 5,5-DIOXYDE (French) see: HQ1828000
2'-METHYL-4-DIMETHYLAMINOSTILBENE see: WJ4723000
3'-METHYL-4-DIMETHYLAMINOSTILBENE see: WJ4725000
4'-METHYL-4-DIMETHYLAMINOSTILBENE see: WJ4900000
METHYL-4-DIMETHYLAMINO-3,5-XYLYL CARBAMATE see: FC0700000
METHYL-4-DIMETHYLAMINO-3,5-XYLYL ESTER of CARBAMIC ACID see: FC0700000
METHYL-1,1-DIMETHYLBUTANON(3)-NITROSAMIN (German) see: SA9350000
METHYL 1-(DIMETHYLCARBAMOYL)-N-(METHYLCARBAMOYLOXY)THIOFORMIMIDATE see: RP2300000
S-METHYL 1-(DIMETHYLCARBAMOYL)-N-((METHYLCARBAMOYL)OXY)THIOFORMIMIDATE see: RP2300000
4-METHYL-3-(2,4-DIMETHYL-5-CARBOETHOXYPYRROLYL-3)-PYRAZOLONE-5 see: UX9359700
METHYL 1,1-DIMETHYLETHYL ETHER see: KN5250000
METHYL N',N'-DIMETHYL-N-((METHYLCARBAMOYL)OXY)-1-THIOOXAMIMIDATE see: RP2300000
N-METHYL O,O-DIMETHYLTHIOLOPHOSPHORYL-5-THIA-3-METHYL-2-VALERAMIDE see: TF7900000
2-METHYL-3,5-DINITROBENZAMIDE see: XS4200000
METHYLDINITROBENZENE see: XT1300000
1-METHYL-2,4-DINITROBENZENE see: XT1575000
1-METHYL-3,5-DINITRO-BENZENE see: XT2150000
2-METHYL-4,6-DINITROPHENOL see: GO9625000
N-METHYL-N,p-DINITROSOANILINE see: BX9350000
N-METHYL-N,4-DINITROSOANILINE see: BX9350000
N-METHYL-N,4-DINITROSOBENZENAMINE see: BX9350000
2-METHYLDINITROSOPIPERAZINE see: TL6320000
METHYL DIOXOLANE see: JI3500000
METHYLDIOXOLANE see: JI3509000
2-METHYL-1,3-DIOXOLANE see: JI3509000
((2-METHYL-1,3-DIOXOLAN-4-YL)METHYL)TRIMETHYLAMMONIUM CHLORIDE see: BR7874000
6-METHYL-1,11-DIOXY-2-NAPHTHACENECARBOXAMIDE see: QI8750000
p-METHYLDIPHENYL see: DV5460000
4-METHYLDIPHENYL see: DV5460000
METHYLDIPHENYL-(2-N,N-DIAETHYLAMINOAETHOXY)-SILANE (German) see: KR4730000
METHYLDIPHENYL-(2-N,N-DIMETHYLAMINOAETHOXY)-SILANE (German) see: KR6119170
METHYL DIPHENYL ETHER see: BZ8835000
2-((1-METHYL-2,2-DIPHENYLETHYL)AMINO)ETHANOL HYDROCHLORIDE see: KL7366600
2-((1-METHYL-2,2-DIPHENYLETHYL)AMINO)ETHANOL MALEATE see: KL7366000
d-3-METHYL-2,2-DIPHENYL-4-MORPHOLINOBUTYRYLPYRROLIDINE TARTRATE see: UY1430000
O-METHYL S,S-DIPROPYL PHOSPHORODITHIOATE see: TE4480000
O-METHYL S,S-DIPROPYL PHOSPHOROTRITHIOATE see: TG5250000
N-(6-METHYLDIPYRIDO(1,2-a:3',2'-d)IMIDAZOL-2-YL)HYDROXYLAMINE see: NC3975000
2-METHYL-1,2-DIPYRIDYL-(3'-1-OXOPROPANE DITARTRATE see: UC3060000
2-METHYL-1,2-DI-3-PYRIDYL-1-PROPANONE TARTRATE (1:2) see: UC3060000
METHYL-S DISULFONAMIDE-2,4 THIOPHENE (French) see: XM9327000
METHYLDI-2-THIENYLSILANE see: VV3920000
1-(2-(METHYLDI-2-THIENYLSILYL)ETHYL)SILATRANE see: YJ9036000
1-(2-(METHYLDI-2-THIENYLSILYL)ETHYL)-2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE see: YJ9036000
N-METHYLDITHIOCARBAMATE DE SODIUM (French) see: FC2100000
METHYLDITHIOCARBAMIC ACID, SODIUM SALT see: FC2100000
METHYL DITHIOCARBANILATE see: FD8892250
4-METHYLDITHIOCARBANILIC ACID TRIMETHYLSILYL ESTER see: FD9315000
6-METHYL-1,3-DITHIOLO(4,5-b)QUINOXALIN-2-ONE see: FG1400000
4,7-METHANO-1H-INDENE, OCTAHYDRO-, (3a-alpha,4-beta,7-beta,7a-alpha)- (9CI) see: PB9600000
METHYL DIVINYL ACETYLENE see: MM3470000
2-METHYL-1,3-DI(2,4-XYLYLIMINO)-2-AZAPROPANE see: ZF0480000
2-METHYL-DNPZ see: TL6320000
5-METHYLDODECAHYDROPYRIDO(1,2-a)INDOLIUM IODIDE see: UV0981000
METHYL DODECYL BENZYL AMMONIUM CHLORIDE see: BO3675000
METHYLDOPA see: AY5950000
(-)-METHYLDOPA see: AY5950000
alpha-METHYL DOPA see: AY5950000
alpha-METHYLDOPA, L- see: AY5950000
alpha-METHYL-L-DOPA see: AY5950000
L-METHYLDOPA see: AY5950000
L-alpha-METHYLDOPA see: AY5950000
alpha-METHYLDOPAHYDRAZINE see: MW5298000
L-alpha-METHYLDOPAHYDRAZINE see: MW5298000
N-METHYLDOPAMINE HYDROCHLORIDE see: UX1925000
2'-O-METHYL-DRB see: DD7151000
3'-O-METHYL-DRB see: DD715 300
METHYL DURSBAN see: TG0700000
METHYL-E 605 see: TG0175000
2-METHYL-8-alpha-E(sub 2) see: KG7605000
16-beta-METHYL-8-alpha-E(sub 2) see: KG7606000
METHYLE (ACETATE DE) (French) see: AI9100000
O,O-METHYLEEN-BIS(4-CHLOORFENOL) (Dutch) see: SM0175000
METHYLEEN-S,S'-BIS(O,O-DIETHYL-DITHIOFOSFAAT) (Dutch) see: TE4550000
3,3'-METHYLEEN-BIS(4-HYDROXY-CUMARINE) (Dutch) see: GN7875000
METHYLE (FORMIATE DE) (French) see: LQ8925000
METHYL alpha-ELEOSTEARATE see: RG2208000
3,3'-METHYLEN-BIS(4-HYDROXY-CUMARIN) (German) see: GN7875000
1-(3,4-METHYLENDIOXYBENZYLIDEN)AMINO-3,3-DIAETHYL-5-METHYL-2,4-PIPERIDINDION (German) see: TM7364000
3,4-METHYLENDIOXY-6-PROPYLBENZYL-n-BUTYL-DIAETHYLENGLYKOLAETHER (German) see: XS8050000
METHYLENE ACETONE see: EM9800000
16-METHYLENE-17-alpha-ACETOXY-19-NOR-4-PREGNENE-3,20-DIONE see: RC8960750
METHYLENE AZURE B see: SO5550000
METHYLENE BASE see: BY5250000
endo-alpha-METHYLENEBENZENEACETIC ACID 8-METHYL-8-AZABICYCLO(3.2.1)OCT-3-YL ESTER see: YM4025000
METHYLENE BICHLORIDE see: PA8050000
2,2'-METHYLENEBIPHENYL see: LL5670000
N,N'-METHYLENEBIS(ACRYLAMIDE) see: AS3678000
METHYLENEBISACRYLAMIDE see: AS3678000
METHYLENEBIS(2-AMINO-BENZOIC ACID) DIMETHYL ESTER (9CI) see: CB3315000
N,N'-METHYLENEBIS(2-AMINO-1,3,4-THIADIAZOLE) see: XI4100000
4,4'-METHYLENEBISANILINE see: BY5425000
METHYLENEBIS(ANILINE) see: BY5425000
2,2'-METHYLENEBIS(6-tert-BUTYL-4-ETHYLPHENOL) see: SL9800000
4,4'-METHYLENEBIS(2-CARBOMETHOXYANILINE) see: CB3315000
METHYLENEBIS(CARBONYLIMINO)DIETHYLENEBIS(TRIETHYLAMMONIUM IODIDE) see: BR6810000
METHYLENEBIS(CARBONYLIMINO)DIETHYLENEBIS(TRIMETHYLAMMONIUM IODIDE) see: BR6811000
METHYLENE 4,4'-BIS(o-CHLOROANILINE) see: CY1050000
p,p'-METHYLENEBIS(alpha-CHLOROANILINE) see: CY1050000
p,p'-METHYLENEBIS(o-CHLOROANILINE) see: CY1050000
4,4'-METHYLENE(BIS)-CHLOROANILINE see: CY1050000
4,4'-METHYLENEBIS(o-CHLOROANILINE) see: CY1050000
4,4'-METHYLENEBIS(2-CHLOROANILINE) see: CY1050000
4,4'-METHYLENE-BIS(2-CHLOROANILINE) HYDROCHLORIDE see: BY5080000
4,4'-METHYLENEBIS-2-CHLOROBENZENAMINE see: CY1050000
2,2'-METHYLENEBIS(4-CHLOROPHENOL) see: SM0175000
METHYLENE BIS-(4-CYCLOHEXYLISOCYANATE) see: NQ9250000
METHYLENE-S,S'-BIS(O,O-DIAETHYL-DITHIOPHOSPHAT) (German) see: TE4550000
2,2'-METHYLENEBIS(4,6-DICHLOROPHENOL) see: SM0350000
METHYLENEBIS(2,6-DIISOPROPYL)ANILINE see: BY5100000
4,4'-METHYLENEBIS(N,N-DIMETHYLANILINE) see: BY5250000
4,4'-METHYLENEBIS(N,N-DIMETHYL)BENZENAMINE see: BY5250000
2,2'-METHYLENEBIS(4-ETHYL-6-tert-BUTYLPHENOL) see: SL9800000
N,N-METHYLENE-BIS(ETHYL CARBAMATE) see: FC2200000
N,N'-METHYLENEBIS(ETHYLENEBIS(DITHIOCARBAMATO))MANGANESE see: OP0891500
1,1'-METHYLENEBIS(4-FORMYLPYRIDINIUM) DIBROMIDE DIOXIME see: UU5985000
3,3'-METHYLENEBIS(4-HYDROXY-2H-1-BENZOPYRAN-2-ONE) see: GN7875000
3,3'-METHYLENEBIS(4-HYDROXY-1,2-BENZOPYRONE) see: GN7875000
3,3'-METHYLENEBIS(4-HYDROXYCOUMARIN) see: GN7875000
3,3'-METHYLENE-BIS(4-HYDROXYCOUMARINE) (French) see: GN7875000
1,1'-METHYLENEBIS(4-((HYDROXYIMINO)METHYL)PYRIDINIUM) DIBROMIDE see: UU5985000
N,N''-METHYLENEBIS(N'-(1-(HYDROXYMETHYL)-2,5-DIOXO-4-IMIDAZOLIDINYL)UREA) see: YT7365000
4,4'-METHYLENEBIS(3-HYDROXY-2-NAPHTHOIC ACID) see: QL2180000
4,4'-METHYLENEBIS(3-HYDROXY-2-NAPHTHOIC ACID) with TRIS-(p-AMINOPHENYL)CARBONIUM SALT (1:2) see: YK8050000
4,4'-METHYLENEBIS(3-HYDROXY-2-NAPHTHOIC ACID) with TRIS-(p-AMINOPHENYL)METHYLIUM SALT (1:2) see: YK8050000
METHYLENEBIS(4-ISOCYANATOBENZENE) see: NQ9350000
1,1-METHYLENEBIS(4-ISOCYANATOBENZENE) see: NQ9350000
METHYLENE BIS(METHANESULFONATE) see: PA8925000
4,4'-METHYLENEBIS(N-METHYLANILINE) see: BY5275000
4,4'-METHYLENEBIS(2-METHYLANILINE) see: BY5300000
METHYLENE-BIS(METHYL ANTHRANILATE) see: CB3315000
4,4'-METHYLENEBIS(2-METHYLBENZENAMINE) see: BY5300000
2,2''-METHYLENEBIS(4-METHYL-6-tert-BUTYLPHENOL) see: PA3500000
METHYLENE-BIS-ORTHOCHLOROANILINE see: CY1050000
1,1'-(METHYLENEBIS(OXY))BIS(4-CHLORO)BENZENE see: PA3890000
METHYLENEBIS(p-PHENYLENE ISOCYANATE) see: NQ9350000
METHYLENEBIS(4-PHENYLENE ISOCYANATE) see: NQ9350000
METHYLENEBIS(4-PHENYL ISOCYANATE) see: NQ9350000
p,p'-METHYLENEBIS(PHENYL ISOCYANATE) see: NQ9350000
4,4'-METHYLENEBIS(PHENYL ISOCYANATE) see: NQ9350000
METHYLENEBIS(p-PHENYL ISOCYANATE) see: NQ9350000
METHYLENEBIS(TOLUENE) see: PA9070000 METHANE, DITOLYL
2,2'-METHYLENEBIS(3,4,6-TRICHLOROPHENOL) see: SM0700000
METHYLENE BLUE see: SO5600000
METHYLENE BLUE A see: SO5600000
METHYLENE BLUE B see: SO5600000
METHYLENE BLUE 2B see: SO5600000
METHYLENE BLUE BB see: SO5600000
METHYLENE BLUE BBA see: SO5600000
METHYLENE BLUE BB (ZINC FREE) see: SO5600000
METHYLENE BLUE BD see: SO5600000
METHYLENE BLUE 2BF see: SO5600000
METHYLENE BLUE 2BN see: SO5600000
METHYLENE BLUE BP see: SO5600000
METHYLENE BLUE 2BP see: SO5600000
METHYLENE BLUE BPC see: SO5600000
METHYLENE BLUE BX see: SO5600000
METHYLENE BLUE BZ see: SO5600000
METHYLENE BLUE CHLORIDE see: SO5600000
METHYLENE BLUE CHLORIDE (BIOLOGICAL STAIN) see: SO5600000
METHYLENE BLUE D see: SO5600000
METHYLENE BLUE FZ see: SO5600000
METHYLENE BLUE G see: SO5600000
METHYLENE BLUE GZ see: SO5600000
METHYLENE BLUE HGG see: SO5600000
METHYLENE BLUE I (MEDICINAL) see: SO5600000
METHYLENE BLUE IAD see: SO5600000
METHYLENE BLUE JFA see: SO5600000
METHYLENE BLUE (MEDICINAL) see: SO5600000
METHYLENE BLUE N see: SO5600000
METHYLENE BLUE NF (MEDICINAL) see: SO5600000
METHYLENE BLUE NZ see: SO5600000
METHYLENE BLUE POLYCHROME see: SO5600000
METHYLENE BLUE SG see: SO5600000
METHYLENE BLUE SP see: SO5600000

METHYLENE BLUE USP (MEDICINAL) see: SO5600000
METHYLENE BLUE USP XII (MEDICINAL) see: SO5600000
METHYLENE BLUE ZF see: SO5600000
METHYLENE BLUE ZINC FREE see: SO5600000
METHYLENE BLUE ZX see: SO5600000
METHYLENE BROMIDE see: PA7350000
(4-(2-METHYLENEBUTYRYL)-2,3-DICHLOROPHENOXY)ACETIC ACID see: AG6600000
METHYLENEBUTYRYL PHENOXYACETIC ACID see: AG6600000
METHYLENE CHLORIDE see: PA8050000
METHYLENE CHLORIDE (DOT) see: PA8050000
16-METHYLENECHLORMADINONE see: TU3801000
METHYLENE CHLOROBROMIDE see: PA5250000
1,2-alpha-METHYLENE-6-CHLORO-6-DEHYDRO-17-alpha-ACETOXYPROGESTERONE see: GZ2224000
1,2-alpha-METHYLENE-6-CHLORO-delta(sup 6)-17-alpha-HYDROXYPROGESTERONE ACETATE see: GZ2230000
1,2-alpha-METHYLENE-6-CHLORO-PREGNA-4,6-DIENE-3,20-DIONE 17-alpha-ACETATE see: GZ2230000
1,2-alpha-METHYLENE-6-CHLORO-delta-(sup 4,6)-PREGNADIENE-17-alpha-OL-3,20-DIONE ACETATE see: GZ2230000
1,2-alpha-METHYLENE-6-CHLORO-(sup 4,6)-PREGNADIENE-17-alpha-OL-3,20-DIONE 17-alpha-ACETATE see: GZ2230000
4,5-METHYLENECHRYSENE see: GY0875000
METHYLENE CYANIDE see: OO3150000
N,N'-METHYLENEDIACRYLAMIDE see: AS3678000
METHYLENEDIANILINE see: BY5425000
p,p'-METHYLENEDIANILINE see: BY5425000
4,4'-METHYLENEDIANILINE see: BY5425000
4,4'-METHYLENEDIANILINE DIHYDROCHLORIDE see: BY5426000
METHYLENEDIANTHRANILIC ACID DIMETHYL ESTER see: CB3315000
1',9-METHYLENE-1,2:5,6-DIBENZANTHRACENE see: HN0175000
4,4'-METHYLENEDIBENZOIC ACID BIS(2-DIETHYLAMINOETHYL) ESTER HYDROCHLORIDE see: DH3848000
4,4'-METHYLENEDIBENZOIC ACID BIS(2-DIMETHYLAMINOETHYL) ESTER HYDROCHLORIDE see: DH3848300
METHYLENE DIBROMIDE see: PA7350000
METHYLENE DICHLORIDE see: PA8050000
alpha-METHYLENE-beta,beta-DI(ETHOXYCARBONYL)-gamma-BUTYROLACTONE see: LU0470000
3,4-METHYLENE-DIHYDROXYBENZALDEHYDE see: TO1575000
N,N'-METHYLENE-DI(MANGANESE ETHYLENEBISDITHIOCARBAMATE) see: OP0891500
METHYLENE DIMETHANESULFONATE see: PA8925000
2-METHYL-N,N-DIMETHYL-4-AMINOAZOBENZENE see: XU5950000
METHYLENE DIMETHYL ETHER see: PA8750000
2-METHYLENE-3-(3',4'-DIMETHYL)-3-HYDROXYQUINUCLIDINE HYDROCHLORIDE see: VD7182600
2-METHYLENE-3-(3',4'-DIMETHYL)-3-HYDROXYQUINUCLIDINE METHIODIDE see: VD6127300
4,4'-METHYLENEDIMORPHOLINE see: QE6125000
METHYLENEDINAPHTHALENESULFONIC ACID BISPHENYLMERCURI SALT see: OW6300000
METHYLENE DINITRATE see: PA8950000
1,5-METHYLENE-3,7-DINITROSO-1,3,5,7-TETRAAZACYCLOOCTANE see: XA5250000
1,2-METHYLENEDIOXY-4-ALLYLBENZENE see: CY2800000
3,4-METHYLENEDIOXY-ALLYBENZENE see: CY2800000
(+ -)-beta-3,4-METHYLENEDIOXYAMPHETAMINE see: SI0590000
(R)-beta-3,4-(METHYLENEDIOXY)AMPHETAMINE see: SI0592000
(S)-beta-3,4-METHYLENEDIOXYAMPHETAMINE see: SI0593000
3,4-METHYLENEDIOXYBENZALDEHYDE see: TO1575000
METHYLENEDIOXYBENZENE see: DA5600000
1,2-METHYLENEDIOXYBENZENE see: DA5600000
1-(3,4-(METHYLENEDIOXY)BENZOYL)PYRROLIDINE see: UY1422040
3,4-METHYLENEDIOXYBENZYL ACETATE see: AI9050000
3,4-METHYLENEDIOXYBENZYL ACETONE see: EL9130000
2-(4-(3,4-METHYLENEDIOXYBENZYL)PIPERAZINO)PYRIMIDINE see: UV9704000
1-(3,4-METHYLENEDIOXYBENZYL)-4-(2-PYRIMIDYL)PIPERAZINE see: UV9704000
1-(3,4-METHYLENEDIOXYBENZYL)-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)PIPERAZINE see: TM2648000
1,2-METHYLENEDIOXY-4-(1-HYDROXYALLYL)BENZENE see: DF4920000
3,4-METHYLENEDIOXY-8-METHOXY-10-NITRO-1-PHENANTHRENECARBOXYLIC ACID see: CF3325000
1,2-(METHYLENEDIOXY)-4-(2-(OCTYLSULFINYL)PROPYL)BENZENE see: DA5775000
2-(3,4-METHYLENEDIOXYPHENOXY)-3,6,9-TRIOXOUNDECANE see: AB2831000
4-(3,4-METHYLENEDIOXYPHENYL)-2-BUTANONE see: EL9130000
METHYLENEDIOXY-PHENYL-6,7-EPOXY-GERANIOL ETHER see: DF4914010
2-(3,4-(METHYLENEDIOXY)PHENYL)IMIDAZO(2,1-a)ISOQUINOLINE see: NI3026000
2-(3,4-METHYLENEDIOXYPHENYL)-3-(3-OCTYLAMINOPROPYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6277200
2-(3,4-METHYLENEDIOXYPHENYL)-3-(3-PENTYLAMINOPROPYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6277300
3-(3,4-METHYLENEDIOXYPHENYL)-2-PHENYL-4'-beta-PYRROLIDINOETHOXYACRYLOPHENONE see: FL7075000
3-(3,4-METHYLENEDIOXYPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)ACRYLOPHENONE see: FL7075000
2-(3,4-METHYLENEDIOXYPHENYL)-3-(3-PROPYLAMINOPROPYL)-4-THIAZOLIDINONE HYDROCHLORIDE see: XJ6277400
6-(3,4-(METHYLENEDIOXY)PHENYL)-2H-PYRAN-2-ONE see: RZ2475000
3,4-(METHYLENEDIOXY)-alpha-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)CHALCONE see: FL7075000
1,2-METHYLENEDIOXY-4-PROPENYLBENZENE see: DA5950000
cis-1,2-(METHYLENEDIOXY)-4-PROPENYLBENZENE see: DA5952000
trans-1,2-(METHYLENEDIOXY)-4-PROPENYLBENZENE see: DA5951000
3,4-METHYLENEDIOXY-1-PROPENYL BENZENE see: DA5950000
METHFORYLTHIAZIDINE see: DK9625000
1,2-(METHYLENEDIOXY)-4-PROPYLBENZENE see: DA6125000
(3,4-METHYLENEDIOXY-6-PROPYLBENZYL) (BUTYL) DIETHYLENE GLICOL ETHER see: XS8050000
3,4-METHYLENEDIOXY-6-PROPYLBENZYL n-BUTYL DIETHYLENEGLYCOL ETHER see: XS8050000
4-(3,4-METHYLENEDIOXYTHIOCINNAMOYL)MORPHOLINE see: QE6130000
4,4'-METHYLENEDIPHENYL DIISOCYANATE see: NQ9350000
METHYLENEDI-p-PHENYLENE DIISOCYANATE see: NQ9350000
METHYLENEDI-p-PHENYLENE ISOCYANATE see: NQ9350000
4,4'-METHYLENEDIPHENYLENE ISOCYANATE see: NQ9350000
METHYLENEDISALICYLIC ACID see: VO4700000
4,4'-METHYLENE DI-o-TOLUIDINE see: BY5300000
METHYLENE DIURETHAN see: FC2200000
METHYLENE ETHER of OXYHYDROQUINONE see: SM0890000
METHYLENE GLYCOL see: LP8925000
METHYLENE GLYCOL DINITRATE see: PA8950000
METHYLENE GLYCOL DINITRATE (DOT) see: PA8950000
1,2-alpha-METHYLENE-delta(sup 6)-HYDROXYPROGESTERONE ACETATE see: GZ2226000
6-METHYLENE-5-HYDROXYTETRACYCLINE see: QI9275000
METHYLENE IODIDE see: PA8575000
3-METHYLENE-7-METHYL-1,6-OCTADIENE see: RG5365000
3-METHYLENE-7-METHYL-1-OCTEN-7-OL see: RH3580000
3-METHYLENE-7-METHYL-1-OCTEN-7-YL ACETATE see: RH3585000
METHYLENE OXIDE see: LP8925000
6-METHYLENE-5-OXYTETRACYCLINE see: QI9275000
2-METHYLENE-3-PHENYL-3-HYDROXYQUINUCLIDINE HYDROCHLORIDE see: VD7182400
2-METHYLENE-3-PHENYL-3-HYDROXYQUINUCLIDINE METHIODIDE see: VD6127000
2-METHYLENE-3-PHENYL-3-QUINUCLIDINOL HYDROCHLORIDE see: VD7182400
16-(METHYLENEPIPERIDINO)-5-alpha-ANDROST-4-ENE-3,17-DIONE see: BV8154160
21-METHYLENE-N-PIPERIDYL-ALLOPREGNAN-3-beta-OL-20-ONE see: TU4385000
16-METHYLENE-N-PIPERIDYL-delta(sup 4)-ANDROSTENE-3,17-DIONE see: BV8154160
METHYLENESUCCINYLOXYBIS(TRIBUTYLSTANNANE) see: WH8585250
S,S'-METHYLENE O,O,O',O'-TETRAETHYL PHOSPHORODITHIOATE see: TE4550000
2,5-endo-METHYLENE-delta(sup 3)-TETRAHYDROBENZYL ACRYLATE see: AT3850000
2-METHYLENE-3-(2'-TOLYL)-3-HYDROXYQUINUCLIDINE HYDROCHLORIDE see: VD7182510
2-METHYLENE-3-(3'-TOLYL)-3-HYDROXYQUINUCLIDINE HYDROCHLORIDE see: VD7182500
2-METHYLENE-3-(4'-TOLYL)-3-HYDROXYQUINUCLIDINE HYDROCHLORIDE see: VD7182520
2-METHYLENE-3-(2'-TOLYL)-3-HYDROXYQUINUCLIDINE METHIODIDE see: VD6127110
2-METHYLENE-3-(3'-TOLYL)-3-HYDROXYQUINUCLIDINE METHIODIDE see: VD6127100
2-METHYLENE-3-(4'-TOLYL)-3-HYDROXYQUINUCLIDINE METHIODIDE see: VD6127120
2-METHYLENE-3-(m-TOLYL)-3-QUINUCLIDINOL HYDROCHLORIDE see: VD7182500
2-METHYLENE-3-(o-TOLYL)-3-QUINUCLIDINOL HYDROCHLORIDE see: VD7182510
2-METHYLENE-3-(p-TOLYL)-3-QUINUCLIDINOL HYDROCHLORIDE see: VD7182520
8-METHYLENE-4,11,11-(TRIMETHYL)BICYCLO(7.2.0)UNDEC-4-ENE see: DT8400000
2-METHYLENE-3-(3,4-XYLYL)-3-QUINUCLIDINOL HYDROCHLORIDE see: VD7182600
1,2-alpha-METHYLEN-delta(sup 6)-HYDROXYPROGESTERONACETAT (German) see: GZ2226000
METHYLENIUM CERULEUM see: SO5600000
METHYLENOMYCIN A see: RN8970000
METHYLENOMYCIN B see: GY7280000
METHYLEPHEDRINE, HYDROCHLORIDE see: DO4725000
l-METHYLEPHEDRINE, HYDROCHLORIDE see: DO4725000
N-METHYLEPHEDRINE, HYDROCHLORIDE see: DO4725000
6-METHYL-3,4-EPOXYCYCLOHEXYLMETHYL 6-METHYL-3,4-EPOXYCYCLOHEXANE CARBOXYLATE see: RN7700000
METHYLERGOBASINE see: KE5425000
METHYLERGOBASINE MALEATE see: KE5500000
METHYLERGOBREVIN see: KE5425000
D-6-METHYLERGOLINE-8-ACETONITRILE see: KE1900000
6-METHYLERGOLINE-8-beta-ACETONITRILE see: KE1890000
6-METHYL-8-beta-ERGOLINE-ACETONITRILE see: KE1890000
6-METHYLERGOLINE-8-beta-PROPIONAMIDE see: KE6345190
(6-METHYLERGOLIN-8-beta-YL)MALONONITRILE see: OO4249500
METHYLERGOMETRIN see: KE5425000
METHYLERGOMETRINE see: KE5425000
METHYLERGOMETRINE MALEATE see: KE5500000
METHYLERGONOVIN see: KE5425000
METHYLERGONOVINE see: KE5425000
METHYLERGONOVINE MALEATE see: KE5500000
METHYL ESTER of p-HYDROXYBENZOIC ACID see: DH2450000
METHYLESTER KISELINY OCTOVE (Czech) see: AI9100000
METHYLESTER KYSELINY p-TOLUENSULFONOVE (Czech) see: XT7000000
METHYL ESTER of 2-MALEICAMINO-4-p-CHLOROPHENYLTHIAZOLE-5-ACETIC ACID see: OM9375000
METHYL ESTER of METHANESULFONIC ACID see: PB2625000
METHYL ESTER of METHANESULPHONIC ACID see: PB2625000
METHYL ESTER of (Z,E,E)-9,11,13-OCTADECATRIENOIC ACID see: RG2208000
METHYL ESTER of PHENIGAMA see: MW5087000
METHYL ESTER of 2-PHTHALIMIDO-4-p-CHLOROPHENYLTHIAZOLE-5-ACETIC ACID see: XJ1850000
METHYL ESTER of SERPENTINIC ACID see: VU2340000
METHYL ESTER of 2-SUCCINYLAMINO-4-p-CHLOROPHENYLTHIAZOLE-5-ACETIC ACID see: WM3430000
METHYL ESTER of WOOD ROSIN see: TP8590000
2-METHYL-8-alpha-ESTRADIOL see: KG7605000
16-beta-METHYL-8-alpha-ESTRADIOL see: KG7606000
2-METHYL-8-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL see: KG7605000
16-METHYL-8-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-DIOL see: KG7606000
16-beta-METHYL-8-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL see: KG7606000
METHYLESTRENOLONE see: KG8000000
17-alpha-METHYLESTRIOL 3-METHYL ETHER see: KG7550000
METHYLE (SULFATE DE) (French) see: WS8225000
(((1-METHYL-1,2-ETHANEDIYL)BIS(CARBAMODITHIOATO))(2-))ZINC HOMOPOLYMER see: ZH4950000
(METHYLETHANEDIYLIDENE)BIS(HYDRAZINOFORMIMIDOYL-2-THIOUREA) see: YT7400000
1,1'-((METHYLETHANEDIYLIDENE)DINITRILO)DIGUANIDINE see: MF3860000
METHYL ETHANE SULFONATE see: KI7970000
METHYL ETHANE SULPHONATE see: KI7970000
1-METHYLETHANETHIOL see: TZ7302000
N-METHYLETHANOANTHRACENE-9-(10H)-METHYLAMINE HYDROCHLORIDE see: KJ4550000
N-METHYL-9,10-ETHANOANTHRACENE-9(10H)-PROPANAMINE HYDROCHLORIDE see: KJ4555000
N-METHYL-9,10-ETHANOANTHRACENE-9(10H)-PROPYLAMINE HYDROCHLORIDE see: KJ4555000
METHYL ETHANOATE see: AI9100000
METHYLETHANOLAMINE see: KL6650000
N-METHYLETHANOLAMINE see: KL6650000
METHYLETHENE see: UC6740000

PM4780000 METHYL ETHER
UPDT:8308 CAS: 115-10-6 MW: 46.08 MOLFM: C2-H6-O
SYN: DIMETHYL ETHER (DOT) * ETHER, DIMETHYL * ETHER, METHYL * UN 1033 (DOT) * WOOD ETHER

TOXICITY DATA AND REFERENCES:
1F01 ihl-rat LC50:308 gm/m3 TOXID9 1,79,81
ihl-mus LC50:386 ppm/15M EJTXAZ 8,287,75

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

8-METHYL ETHER of XANTHURENIC ACID see: U79550000
METHYL ETHOXOL see: KL5775000 ETHANOL, 2-METHOXY-
9-METHYL-10-ETHOXYMETHYL-1,2-BENZANTHRACENE see: CW5600000
9-METHYL-10-ETHOXYMETHYL-1,2-BENZANTHRACENE see: CW5650000
2-(1-METHYLETHOXY)PHENOL METHYLCARBAMATE see: FC3150000
2-(1-METHYLETHOXY)PHENYL (METHOXYACETYL)METHYLCARBAMATE see: FB3960000
2-(1-METHYLETHOXY)PHENYL METHYL(METHYLTHIO)ACETYL)CARBAMATE see: FC5330000
3-(3-(1-METHYLETHOXY)PHENYL)-2,5-PYRROLIDINEDIONE see: WN2818000
METHYLETHYLACETALDEHYDE see: ES3400000
METHYLETHYLACETYLENYLCARBINOL see: SC4900000
2-METHYL-3-ETHYL-4-p-ACETOXYPHENYL-delta(sup 4)-CYCLOHEXENE CARBOXYLIC ACID see: GW4400000
1-METHYLETHYLAMINE see: NT8400000
N-METHYL-N-ETHYL-p-AMINOAZOBENZENE see: BY0430000
N-METHYL-4'-ETHYL-p-AMINOAZOBENZENE see: BY0800000
4-(METHYLETHYL)AMINOAZOBENZINE see: BY0430000
alpha-(2-((1-METHYLETHYL)AMINO)ETHYL)-alpha-PHENYL-2-PYRIDINEACETAMIDE see: UR8462000
alpha-(((1-METHYLETHYL)AMINO)METHYL)-2-NAPHTHALENEMETHANOL, HYDROCHLORIDE see: QJ9275000
2-METHYLETHYLAMINO-1-PHENYL-1-PROPANOL HYDROCHLORIDE see: DO5775000

1-((1-METHYLETHYL)AMINO)-3-(2-(2-PROPENYLOXY)PHENOXY)-2-PROPANOL see: UA5270000
O-(4-(((1-METHYLETHYL)AMINO)SULFONYL)PHENYL PHOSPHOROTHIOATE see: TF7700000
2-METHYL-6-ETHYL ANILINE see: BY5600000
3-METHYL-10-ETHYL-7,8-BENZACRIDINE (French) see: CU3800000
10-METHYL-3-ETHYL-7,8-BENZACRIDINE (French) see: CU3851500
3-METHYL-10-ETHYLBENZ(c)ACRIDINE see: CU3800000
7-METHYL-9-ETHYLBENZ(c)ACRIDINE see: CU3851500
4-(1-METHYLETHYL)BENZALDEHYDE see: CU7000000
o-METHYLETHYLBENZENE see: XT2500000
(1-METHYLETHYL)BENZENE see: GR8575000
3-(1-METHYLETHYL)-1H-2,1,3-BENZOTHIAZAIN-4(3H)-ONE, 2,2-DIOXIDE see: DK9900000
1-METHYLETHYL 4-BROMO-alpha-(4-BROMOPHENYL)-alpha-HYDROXYBENZENEACETATE see: DD2100000
METHYLETHYLBROMOMETHANE see: EJ6228000
METHYL-ETHYL CAPROATE de SODIUM (French) see: MO7804000
(1-METHYLETHYL)CARBAMIC ACID 2-(((AMINOCARBONYL)OXY)METHYL)-2-METHYLPENTYL ESTER see: FB3325000
(1-METHYLETHYL)CARBAMIC ACID 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER HYDROCHLORIDE see: FC2519000
(1-METHYLETHYL)CARBAMIC ACID 1-(1-ETHYNYLCYCLOHEXYL)-3-AZETIDINYL ESTER see: FC2627100
(1-METHYLETHYL)CARBAMIC ACID ((10H-PHENOTHIAZIN-10-YLCARBONYL)IMINO)DI-2,1-ETHANEDIYL ESTER see: FC2627650
METHYLETHYLCARBINOL see: EO1750000
1-METHYLETHYL 4-CHLORO-alpha-(4-CHLOROPHENYL)-alpha-HYDROXYBENZENEACETATE see: DD2450000
3-(1-METHYLETHYL)-CYCLOBUTANECARBOXYLIC ACID see: GU1347000
METHYLETHYLDIMETHYLAMINOMETHYLCARBINOL BENZOYL ESTER HYDROCHLORIDE see: EL2850000
4-(1-METHYLETHYL)-2,6-DINITRO-N,N-DIPROPYLBENZENAMINE see: BX9286000
4-METHYL-4-ETHYL-2,6-DIOXOPIPERIDINE see: MA4550000
METHYLETHYLENE see: UC6740000
METHYLETHYLENE GLYCOL see: TY2000000
METHYL ETHYLENE OXIDE see: TZ2975000
METHYLETHYLENIMINE see: CM8050000
2-METHYLETHYLENIMINE see: CM8050000
METHYL ETHYL ETHER see: KO0260000
METHYL ETHYL ETHER (DOT) see: KO0260000
1-METHYLETHYL-2-((ETHOXY((1-METHYLETHYL)AMINO)PHOSPHINOTHIOYL)OXY) BENZOATE see: VO4395500
(E)-1-METHYLETHYL 3-(((ETHYLAMINO)METHOXYPHOSPHINOTHIOYL)OXY)-2-BUTENOATE see: GQ4750000
1-METHYLETHYL (E)-3-(((ETHYLAMINO)METHOXYPHOSPHINOTHIOYL)OXY)-2-BUTENOATE see: GQ4750000
1-(METHYLETHYL)-ETHYL 3-METHYL-4-(METHYLTHIO)PHENYL PHOSPHORAMIDATE see: TB3675000
1-METHYLETHYL 2-(1-ETHYLPROPYL)-4,6-DINITROPHENYL CARBONATE see: FF9100000
METHYLETHYLETHYNYLCARBINOL see: SC4900000
beta-METHYL-beta-ETHYLGLUTARIMIDE see: MA4550000
3-METHYL-3-ETHYLGLUTARIMIDE see: MA4550000
2-METHYL-3-ETHYL-4-p-HYDROXYPHENYL-delta(sup 4)-CYCLOHEXENE CARBOXYLIC ACID SODIUM SALT see: GW4410000
2,2'-((1-METHYLETHYLIDENE)BIS(4,1-PHENYLENEOXYMETHYLENE))BISOXIRANE see: TX3800000
METHYL ETHYL KETONE see: EL6475000
METHYL ETHYL KETONE (DOT) see: EL6475000
METHYL ETHYL KETONE HYDROPEROXIDE see: EL9470000
METHYL ETHYL KETONE PEROXIDE see: EL9450000
METHYL ETHYL KETONE PEROXIDE see: EL9470000
METHYL ETHYL KETONE PEROXIDE, in solution with not more than 9% by wgt. active oxygen (DOT) see: EL9470000
METHYLETHYLKETONHYDROPEROXIDE see: EL9450000
METHYL ETHYL KETOXIME see: EL9275000
METHYLETHYLMETHANE see: EJ4200000
2-METHYL-3-ETHYL-4-p-METHOXYPHENYL-delta(sup 3)-CYCLOHEXENE CARBOXYLIC ACID see: GW4430000
1-METHYL-4-ETHYL-2-(alpha-METHYLBENZYL)BICARBAMATE see: DT4393100
N-(1-METHYLETHYL)-N'-(1-NITRO-9-ACRIDINYL)-1,3-PROPANEDIAMINE DIHYDROCHLORIDE see: TX8257000
METHYLETHYLNITROSAMINE see: KR9200000
N,N-METHYLETHYLNITROSAMINE see: KR9200000
1-METHYL-4-ETHYLOCTYLAMINE see: RH7000000
METHYLETHYLOLAMINE see: KL6650000
4-(1-METHYLETHYL)PHENOL see: SL5950000
2-METHYL-3-ETHYL-4-PHENYL-4-CYCLOHEXENE CARBOXYLIC ACID see: GW4450000
2-METHYL-3-ETHYL-4-PHENYL-delta(sup 4)-CYCLOHEXENECARBOXYLIC ACID see: GW4450000
2-METHYL-3-ETHYL-4-PHENYL-delta(sup 4)-CYCLOHEXENE CARBOXYLIC ACID SODIUM SALT see: GW4500000
3-(1-METHYLETHYL)PHENYL(((DIMETHOXYPHOSPHINOTHIOYL)THIO)ACETYL)METHYLCARBAMATE see: FB3750000
METHYLETHYL PHENYLETHYL CARBINYL ACETATE see: SA7625000
l-3-METHYL-5-ETHYL-5-PHENYLHYDANTOIN see: MU2276000
3-METHYL-5-ETHYL-5-PHENYLHYDANTOIN see: MU2275000
3-METHYL-5,5-ETHYLPHENYLHYDANTOIN see: MU2275000
2-(1-METHYLETHYL)PHENYL METHYLCARBAMATE see: FB7880000
3-(1-METHYLETHYL)PHENYL METHYLNITROSOCARBAMATE see: FC6210000
(1-METHYLETHYL)PHOSPHORAMIDOTHIOIC ACID O-(2,4-DICHLOROPHENYL) O-METHYL ESTER see: TB5075000
N-(1-METHYLETHYL)-2-PROPANAMINE see: IM4025000
2-METHYL-5-ETHYLPYRIDINE see: TJ6825000
6-METHYL-3-ETHYLPYRIDINE see: TJ6825000
METHYL ETHYL PYRIDINE (DOT) see: TJ6825000
2-METHYL-5-ETHYLPYRIDINE (DOT) see: TJ6825000
2-(1-(1-METHYLETHYL)-4(1H)-PYRIDINYLIDENE)-1,3-INDANDIONE see: NK5977300
2-(1-(1-METHYLETHYL)-4(1H)-PYRIDINYLIDENE)-1H-INDENE-1,3(2H)-DIONE see: NK5977300
N-METHYL-N-ETHYL-4-(4'-(PYRIDYL-1'-OXIDE)AZO)ANILINE see: UT3325000
N-(1-METHYLETHYL)-2-PYRIMIDINAMINE DICHLOROACETATE see: UV6261000 2-PYRIMIDINAMINE, N-(1-METHYLETHYL)-, DICHLOROACETATE
N-(1-METHYLETHYL)-2-PYRIMIDINAMINE PHOSPHATE see: UV6261100 2-PYRIMIDINAMINE, N-(1-METHYLETHYL)-, PHOSPHATE (1:1)
3-METHYL-3-ETHYLPYRROLIDINE-2,5-DIONE see: WN2800000
gamma-METHYL-gamma-ETHYL-SUCCINIMIDE see: WN2800000
METHYLETHYLTHIOFOS see: TG1356000 PHOSPHOROTHIOIC ACID, O-ETHYL O-METHYL O-(p-NITROPHENYL)ESTER
(R*,S*)-4-((1-METHYLETHYL)THIO)-alpha-(1-(OCTYLAMINO)ETHYL)BENZENEMETHANOL see: DO8910000
METHYLETHYLTHIOPHOS see: TG1356000 PHOSPHOROTHIOIC ACID, O-ETHYL O-METHYL O-(p-NITROPHENYL)ESTER
1-METHYLETHYL 1,2,2-TRICHLOROETHYL DISULFIDE see: JO1970000
O-METHYL O-ETHYL O-2,4,5-TRICHLOROPHENYL THIOPHOSPHATE see: TG1360000
4-(1-METHYLETHYL)-2-(3-(TRIFLUOROMETHYL)PHENYL)MORPHOLINE see: QE6150000
3-METHYLETHYNYLESTRADIOL see: RC8960000
18-METHYL-17-alpha-ETHYNYL-19-NORTESTOSTERONE see: JF8225000
3-METHYLETHYNYLOESTRADIOL see: RC8960000
METHYL EUGENOL see: CY2450000
(+)-cis-3-METHYLFENTANYL see: UE5297500
1-p-METHYLFENYL-3,3-DIMETHYLTRIAZEN (Czech) see: XY1400000
2-METHYL-FERVENULON see: CB9638500
2-METHYLFLUORANTHENE see: LL4550000
3-METHYLFLUORANTHENE see: LL4725000
METHYL FLUORIDE (DOT) see: PA9154000
6-alpha-METHYL-21-FLUORO-17-ACETOXYPROGESTERONE see: TU5024400
10-METHYL-3-FLUORO-5,6-BENZACRIDINE see: CU3855000
7-METHYL-2-FLUOROBENZ(a)ANTHRACENE see: CW6600000
7-METHYL-9-FLUOROBENZ(c)ACRIDINE see: CU3852500
7-METHYL-11-FLUOROBENZ(c)ACRIDINE see: CU3857500
2-METHYL-5-(gamma-(p-FLUOROBENZOYL)PROPYL)-1,2,3,4,5,6,7,8-OCTAHYDRO-2,5-INDOLODIAZOCINE see: EU4020000
16-alpha-METHYL-9-alpha-FLUORO-1-DEHYDROCORTISOL see: TU3980000
16-alpha-METHYL-9-alpha-FLUORO-delta(sup 1)-HYDROCORTISONE see: TU3980000
17-alpha-METHYL-9-alpha-FLUORO-11-beta-HYDROXYTESTERONE see: BV8390000
METHYL 1-(5-FLUORO-1H-2-OXOPYRIMIDIN-4-YL)-beta-D-GLUCOPYRANURONATE see: LZ6501000
METHYLFLUOROPHENYLDICHLOROSILANE see: VV3400000 SILANE, DICHLORO(FLUOROPHENYL)METHYL-
2-METHYL-3-(2-FLUOROPHENYL)-4(3H)-QUINAZOLINONE see: VA3402000
METHYL-FLUORO-PHOSPHORYLCHOLINE see: GA5960000
METHYL FLUOROPHOSPHORYL beta-METHYLCHOLINE see: BR5778100
16-alpha-METHYL-9-alpha-FLUOROPREDNISOLONE see: TU3980000
16-alpha-METHYL-6-alpha-FLUORO-PREDNISOLONE-21-ACETATE see: TU4025000
16-alpha-METHYL-9-alpha-FLUORO-1,4-PREGNADIENE-11-beta,17-alpha,21-TRIOL-3,20-DIONE see: TU3980000
METHYL FLUOROSULFATE see: LP0720000
METHYL FLUOROSULFONATE see: LP0720000
4-METHYL-6-FLUORO-1,2,3,4-TETRAHYDRO-beta-CARBOLINE see: UV0660000
16-alpha-METHYL-9-alpha-FLUORO-11-beta,17-alpha,21-TRIHYDROXYPREGNA-1,4-DIENE-3,20-DIONE see: TU3980000
2-METHYL-3-(2'-FLUORPHENYL)CHINAZOLINONE-(4) (German) see: VA3402000
METHYL FLUOSULFONATE see: LP0720000
METHYLFLURETHER see: KN6800000
x-METHYLFOLIC ACID see: LP5650000
N-METHYLFORMAMIDE see: LQ3000000
METHYL FORMATE see: LQ8925000
METHYL FORMATE (DOT) see: LQ8925000
N-METHYLFORMHYDROXAMSAURE (German) see: LR1028000
METHYLFORMIAAT (Dutch) see: LQ8925000
METHYLFORMIAT (German) see: LQ8925000
N-METHYLFORMOHYDROXAMIC ACID see: LR1028000
METHYL FORMYL see: AB2825000
N-METHYL-N-FORMYLHYDPAZINE see: LQ8940000
N-METHYL-N-FORMYL HYDRAZONE of ACETALDEHYDE see: LQ8500000
1-METHYL-2-FORMYL-5-NITROIMIDAZOLE see: NI3892000
1-METHYL-2-FORMYLPYRIDINIUM CHLORIDE OXIME see: UU4200000
METHYL FOSFERNO see: TG0175000
METHYLFUMARIC ACID see: OX5075000
5-METHYL-2-FURALDEHYDE see: LT7032500
2-METHYLFURAN (Czech) see: LU2625000
5-METHYL-2-FURANCARBOXALDEHYDE see: LT7032500
2-METHYLFURAN-3-CARBOXANILIDE see: LT8520000
METHYL 2-FURANCARBOXYLATE see: LV1950000
METHYLFURAN (DOT) see: LU2625000
2-METHYLFURAN (DOT) see: LU2625000
3-METHYLFURAN see: LU2630000
5-METHYL-2(3H)-FURANONE see: LU5075000
5-METHYL-2(5H)-FURANONE see: LU5100000
1-(5-METHYL-2-FURANYL)-2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE see: YJ9037000
5-METHYL FURFURAL see: LT7032500
5-METHYL-2-FURFURAL see: LT7032500
5-METHYLFURFURALDEHYDE see: LT7032500
1-(5-METHYLFURFURYL)BIGUANIDE MONOHYDROCHLORIDE see: DU2041000
alpha-METHYLFURFURYLIDENEHYDRAZIDE of ISONICOTINIC ACID see: NS2000000
METHYL FUROATE see: LV1950000
METHYL 2-FUROATE see: LV1950000
5-METHYL-2H-FURO(2,3-h)-1-BENZOPYRAN-2-ONE see: LV1452000
1-(5-METHYL-2-FURYL)SILATRANE see: YJ9037000
METHYL-G see: MF3860000
METHYL-GAG see: MF3860000
METHYL GALLATE see: LW8000000
6'-N-METHYLGENTAMICIN C(sub 1a) see: WK2180000
METHYLGLUCAMINE ACETRIZOATE see: LZ4295880
METHYLGLUCAMINE ANTIMONATE see: LZ4370000
N-METHYLGLUCAMINE ANTIMONATE see: LZ4370000
METHYL GLUCAMINE BILIGRAFIN see: LZ4297000
METHYLGLUCAMINE DIATRIXOATE see: LZ4315000
METHYLGLUCAMINE DIATRIZOATE see: LZ4315000
METHYLGLUCAMINE 3,5-DIIODO-4-PYRIDONE N-ACETATE see: UR8750000
METHYL GLUCAMINE IODIPAMIDE see: LZ4297000
METHYLGLUCAMINE IOTALAMATE see: NT1981800
METHYLGLUCAMINE IOTHALAMATE see: NT1981800
METHYLGLUCAMINE METRIZOATE see: LZ4295840
alpha-METHYLGLUCOSIDE TETRANITRATE (DOT) see: LZ5984000
3-METHYL GLUTARALDEHYDE see: MA2800000
alpha-METHYLGLYCEROL TRINITRATE (DOT) see: EK7180000
METHYL GLYCOL see: KL5775000
METHYL GLYCOL see: TY2000000
METHYL GLYCOL ACETATE see: KL5950000
METHYL GLYCOL MONOACETATE see: KL5950000
METHYLGLYKOL (German) see: KL5775000
METHYLGLYKOLACETAT (German) see: KL5950000
METHYLGLYOXAL see: UZ0700000
METHYL GLYOXAL-ASCORBATE ADDUCT (1:1) see: UZ0710000
METHYLGLYOXAL BIS(GUANYLHYDRAZONE) see: MF3860000
METHYLGLYOXALBISTHIOCARBAMOYLGUANYLHYDRAZONE see: YT7400000
O-METHYLGOVANINE CITRATE see: DR9810000
5-METHYLGRAMINE see: NL7705000
7-METHYLGRAMINE see: NL7705100
METHYLGUANIDIN (German) see: MF3683000
METHYLGUANIDINE see: MF3683000
METHYLGUANIDINE mixed with SODIUM NITRITE (1:1) see: MF4230000
N(sup 7)-METHYLGUANINE see: MF8464000
7-METHYLGUANINE see: MF8464000

O-METHYLGUANOSINE see: MF8790000
METHYL GUTHION see: TE1925000
METHYLGUVACINE see: QT2070800
N-METHYLGUVACINE see: QT2070800
O-METHYLHARMALOL see: UU9800000
3-METHYLHARMANE HYDROCHLORIDE see: UU9862000
METHYLHARNSTOFF und NATRIUMNITRIT (German) see: YT8900000
2-((1-METHYLHEPTADECYL)AMINO)ETHANOL HYDROCHLORIDE see: KL7372000 ETHANOL, 2-((1-METHYLHEPTADECYL)AMINO)-, HYDROCHLORIDE
2,2'-((1-METHYLHEPTADECYL)IMINO)BISETHANOL HYDROCHLORIDE see: KL7373000 ETHANOL, 2,2'-((1-METHYLHEPTADECYL)IMINO)BIS-, HYDROCHLORIDE
METHYLHEPTANOL (mixed primary isomers) see: MJ4650000
3-METHYL-5-HEPTANONE see: MJ7350000
5-METHYL-3-HEPTANONE see: MJ7350000
METHYLHEPTENOL see: MJ9682000
6-METHYL-6-HEPTEN-2-OL see: MJ9682000
METHYL HEPTENONE see: MJ9700000
6-METHYL-5-HEPTEN-2-ONE see: MJ9700000
6-METHYLHEPTEN-5-ON-2-HELVETICOSID (German) see: FH4920400 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3,4-O-(1-METHYL-4-HEXENYLIDENE)-beta-D- ribo-HEXOPYRANOSYL)OXY)-5,14-DIHYDROXY-19-OXO-
METHYL HEPTINE CARBONATE see: RI2735000
(6-(1-METHYL-HEPTYL)-2,4-DINITRO-FENYL)-CROTONAAT (Dutch) see: GQ5775000
(6-(1-METHYL-HEPTYL)-2,3-DINITRO-PHENYL)-CROTONAT (German) see: GQ5775000
2-(1-METHYLHEPTYL)-4,6-DINITROPHENYL CROTONATE see: GQ5775000
METHYLHEPTYLNITROSAMIN (German) see: MK1260000
METHYLHEXABARBITAL see: CQ2625000
METHYLHEXABITAL see: CQ2625000
2-METHYL-1,5-HEXADIENE-3-YNE see: MM3470000
METHYL HEXAFLUORO-2-BROMOBUTYRATE see: ES8050000
(1S)-1-METHYL-2,3,4,5,6,7-HEXAHYDRO-1,6-METHANO-1H-4-BENZAZONIN-10-OL HYDROBROMIDE see: PB9083890
METHYLHEXANEAMINE see: SC0800000
5-METHYL-2,3-HEXANEDIONE see: MO3200000
METHYL HEXANOATE see: MO8401400
METHYL n-HEXANOATE see: MO8401400
2-METHYL-3-HEXANONE see: MP3900000
2-METHYL-5-HEXANONE see: MP3850000
5-METHYL-2-HEXANONE see: MP3850000
2-METHYLHEXAN-2-ONE (DOT) see: MP3850000
5-METHYL-3-HEXEN-2-ONE see: MP8750000
2-METHYL-5-HEXEN-3-YN-2-OL see: MP9880500 5-HEXEN-3-YN-2-OL, 2-METHYL-
METHYL HEXOATE see: MO8401400
METHYLHEXYLACETALDEHYDE see: RG7914000
1-METHYLHEXYLAMINE see: MQ5425000
4-METHYL-2-HEXYLAMINE see: SC0800000
1-METHYLHEXYLAMINE SULFATE see: MQ5600000
METHYL HEXYLATE see: MO8401400
METHYL HEXYL KETONE see: RH1484000
4-METHYL-2-HEXYL-METHYLAMINE see: SC1400000
METHYLHOMATROPINE see: MS9000000
METHYLHOMATROPINE BROMIDE see: MS9000000
8-METHYLHOMATROPINIUM BROMIDE see: MS9000000
alpha-((N-METHYL-N-HOMOVERATRYL)-gamma-AMINOPROPYL)-3,4-DIMETHOXYPHENYLACETONITRILE see: YV8300000
METHYL HYDANTOIN see: MU2275000
alpha-METHYLHYDRATROPAMIDE see: MU6490000
METHYLHYDRAZINE see: MV5600000
1-METHYLHYDRAZINE see: MV5600000
METHYLHYDRAZINE (DOT) see: MV5600000
4-((2-METHYLHYDRAZINO)METHYL)-N-ISOPROPYLBENZAMIDE see: XS4550000
p-(N'-METHYLHYDRAZINOMETHYL)-N-ISOPROPYLBENZAMIDE HYDROCHLORIDE see: XS4725000
3-(2-METHYLHYDRAZINO)-5-PHENYL-as-TRIAZINE see: XZ0359200
3-(METHYLHYDRAZINO)-5-PHENYL-1,2,4-TRIAZINE see: XZ0359200
2-(1-METHYLHYDRAZINO)-4(5H)-THIAZOLONE see: XJ7054400
4-(1-METHYLHYDRAZINO)-2(5H)-THIAZOLONE see: XJ7054350
(alpha-(2-METHYLHYDRAZINO)-p-TOLUOYL)UREA, MONOHYDROBROMIDE see: YT7525000
3-(2-METHYLHYDRAZINO)-5-(p-TOLYL)-as-TRIAZINE see: XZ0359300
3-(2-METHYLHYDRAZINO)-5-(p-TOLYL)-1,2,4-TRIAZINE see: XZ0359300
METHYL HYDRIDE see: PA1490000
delta(sup 1)-6-alpha-METHYLHYDROCORTISONE see: TU4146000
N-METHYL-N-(alpha-HYDROPEROXYBUTYL)NITROSAMINE see: EO5207500
N-METHYL-N-(HYDROPEROXYMETHYL)NITROSAMINE see: IQ0230000
METHYLHYDROPEROXYOCTADECADIENOATE see: OI9530000
METHYL 13-HYDROPEROXY-9-cis,11-trans-OCTADECADIENOATE see: RG0160000
METHYLHYDROQUINONE see: MX6700000
METHYL-p-HYDROQUINONE see: MX6700000
2-METHYLHYDROQUINONE see: MX6700000
p-METHYL HYDROTROPALDEHYDE see: UE2700000
METHYLHYDROXAMIC ACID see: AK8157000
N-METHYLHYDROXAMIC ACID see: LR1028000
METHYL HYDROXIDE see: PC1400000
N-METHYL-N-(beta-HYDROXYAETHYL)GUANIDINE-O-PHOSPHAT (German) see: MF3600500
17-alpha-METHYL-17-beta-HYDROXY-1,4-ANDROSTADIEN-3-ONE see: BV8000000
METHYLHYDROXYANDROSTENEDIONE see: BV7989000 ANDROSTA-1,4-DIENEDIONE, METHYLHYDROXY-
METHYL 3-HYDROXYANTHRANILATE see: CB3180000
p-METHYLHYDROXYBENZENE see: GO6475000
1-METHYL-4-HYDROXYBENZENE see: GO6475000
METHYL o-HYDROXYBENZOATE see: VO4725000
METHYL p-HYDROXYBENZOATE see: DH2450000
2-METHYL-3-HYDROXY-4,5-BIS(HYDROXYMETHYL)PYRIDINE see: UV1300000
2-METHYL-3-HYDROXY-4,5-BIS(HYDROXYMETHYL)PYRIDINE HYDROCHLORIDE see: UV1350000
N-METHYL-N-(4-HYDROXYBUTYL)NITROSAMINE see: EL5740000
METHYL m-HYDROXYCARBANILATE, m-METHYLCARBANILATE see: FD9050000
4-METHYL-7-HYDROXYCOUMARIN DIETHOXYTHIOPHOSPHATE see: GN7525000
2-METHYL-5-HYDROXY-8-(beta-DIAETHYLAMINO-AETHOXY)FURANO-6,7:2'3'-CHROMON HYDROCHLORIDE see: LV1030000
2-METHYL-3-HYDROXY-4,5-DIHYDROXYMETHYL-PYRIDIN (German) see: UV1300000
2-METHYL-3-HYDROXY-4,5-DI(HYDROXYMETHYL)PYRIDINE see: UV1300000
N-METHYL-N-(4-HYDROXY-3,5-DIIODOPHENETHYL)-beta-ALANINE see: AY6710000
2-METHYL-9-HYDROXYELLIPTICINIUM see: UU8898000
2-METHYL-9-HYDROXYELLIPTICINIUM see: UU8874900
17-alpha-METHYL-17-beta-HYDROXY-4-ESTREN-3-ONE see: KG8000000
(2-METHYL-3-(1-HYDROXYETHOXYETHYL-4-PIPERAZINYL)PROPYL)-10-PHENOTHIAZINE see: KL8000000
METHYL(beta-HYDROXYETHYL)AMINE see: KL6650000
N-METHYL-N-HYDROXYETHYLANILINE see: KL7175000
N-METHYL-N-beta-HYDROXYETHYLANILINE see: KL7175000
N-METHYL-N-(beta-HYDROXYETHYL)GUANIDINE O-PHOSPHATE see: MF3600500
2-METHYL-1-(2-HYDROXYETHYL)-5-NITROIMIDAZOLE see: NI5600000
2-METHYL-3-(2-HYDROXYETHYL)-4-NITROIMIDAZOLE see: NI5600000
2-METHYL-3-(beta-HYDROXYETHYL)-4-QUINAZOLONE see: VA3420500
METHYL-4 beta-HYDROXY-ETHYL-5 THIAZOLE ETHANEDISULFONATE (French) see: XJ4673000
(-)-1-METHYL-10-HYDROXY-2,3,4,5,6,7-HEXAHYDRO-1,6-METHANO-1H-4-BENZAZONINE HYDROBROMIDE see: PB9083890
1-METHYL-2-HYDROXYIMINOMETHYLPYRIDINIUM IODIDE see: UU4375000
1-METHYL-3-HYDROXY-4-ISOPROPYLBENZENE see: XP2275000
METHYLHYDROXYLAMINE see: NC3800000
O-METHYLHYDROXYLAMINE see: NC3980000
o-METHYLHYDROXYLAMINE see: NC3850000
O-METHYLHYDROXYLAMINE HYDROCHLORIDE see: NC3980000
2-METHYL-4-HYDROXYLAMINOQUINOLINE 1-OXIDE see: VC0700000
5-METHYL-4-HYDROXYLAMINOQUINOLINE 1-OXIDE see: VB8750000
6-METHYL-4-HYDROXYLAMINOQUINOLINE 1-OXIDE see: VB8925000
7-METHYL-4-HYDROXYLAMINOQUINOLINE 1-OXIDE see: VB9100000
8-METHYL-4-HYDROXYLAMINOQUINOLINE 1-OXIDE see: VB9275000
METHYL O-(4-HYDROXY-3-METHOXYCINNAMOYL)RESERPATE see: ZG0900000
7-METHYL-12-HYDROXYMETHYLBENZ(a)ANTHRACENE see: CW8925000
7-METHYL-12-HYDROXYMETHYLBENZ(a)ANTHRACENE-3,4-DIOL see: CW4637500
17-alpha-METHYL-2-HYDROXYMETHYLENE-17-HYDROXY-5-alpha-ANDROSTAN-3-ONE see: BV8060000
1-METHYL-3-(HYDROXYMETHYL)IMIDAZOLIUM CHLORIDE LAURATE see: NJ5047000
1-METHYL-2-HYDROXYMETHYL-5-NITROIMIDAZOLE see: NI6801000
2-METHYL-3-(2-HYDROXY-4-METHYLPHENYL)-3,4-DIHYDROQUINAZOLIN-4-ONE see: VA3460000 4(3H)-QUINAZOLINONE, 3-(2-HYDROXY-p-TOLYL)-2-METHYL-
2-METHYL-3-(4-HYDROXY-2-METHYLPHENYL)-3,4-DIHYDROQUINAZOLIN-4-ONE see: VA3470000 4(3H)-QUINAZOLINONE, 3-(4-HYDROXY-o-TOLYL)-2-METHYL-
4-METHYL-5-HYDROXYMETHYLURACIL see: YR0515000
2-METHYL-3-HYDROXY-1,4-NAPHTHOQUINONE see: QL8485000
2-METHYL-5-HYDROXY-1,4-NAPHTHOQUINONE see: QL8500000
3-METHYL-4-HYDROXY-1-NAPHTHYLAMINE see: QL3350000
5-METHYL-1-HYDROXYPHENAZINIUM inner salt see: SG1643000
2-METHYL-2-p-HYDROXYPHENYLBUTANE see: SM6825000
N-METHYL-1-(3-HYDROXYPHENYL)-2-PHENYLETHYLAMINE HYDROCHLORIDE see: SL8350000
6-METHYL-17-alpha-HYDROXY-delta(sup 6)-PROGESTERONE ACETATE see: TU4075000
6-alpha-METHYL-17-alpha-HYDROXYPROGESTERONE ACETATE see: TU5010000
6-METHYL-4-HYDROXYPYRON-(2) see: UQ1000000
2-METHYL-3-HYDROXY-4-PYRONE see: UQ1050000
METHYL 12-HYDROXYSTEARATE see: WI4200000
1-METHYL-9-HYDROXY-1,2,3,9a-TETRAHYDRO-1-AZAFLUORENE HYDROCHLORIDE see: NK9460090
METHYL 3-beta-HYDROXY-1-alpha-H,5-alpha-H-TROPAN-2-beta-CARBOXYLATE, BENZOATE (ESTER) HCl see: YM3050000
METHYL 3-beta-HYDROXY-1-alpha-H,5-alpha-H-TROPANE-2-beta-CARBOXYLATE BENZOATE (ESTER) see: YM2800000
N-METHYLHYOSCINE BROMIDE see: YM3675000
N,N'-METHYLIDENEBISACRYLAMIDE see: AS3678000
1,1',1''-(METHYLIDYNETRIS(OXY))TRIS(ETHANE) see: RM6475000
1-METHYLIMIDAZOLE-2-THIOL see: NI8615000
N-METHYLIMIDODICARBONIMIDIC DIAMIDE MONOHYDROCHLORIDE see: DU2042000
N-METHYLIMINODIETHANOL see: KL7525000
N-METHYL-2,2'-IMINODIETHANOL see: KL7525000
2,2'-(METHYLIMINO)DIETHANOL see: KL7525000
((METHYLIMINO)DIETHYLENE)BIS(ETHYLDIMETHYLAMMONIUM BROMIDE) see: BR8050000
N-METHYL-3,3'-IMINODIPROPIONITRILE see: UG3675000
beta-METHYLINDOLE see: NM0350000
3-METHYLINDOLE see: NM0350000
3-METHYL-1H-INDOLE see: NM0350000
1-METHYL-INDOLE-2,3-DIONE see: NL7939000
5-METHYL-INDOLE-2,3-DIONE see: NL7939300
7-METHYL-INDOLE-2,3-DIONE see: NL7939500
1-METHYLINDOLE-2,3-DIONE 3-OXIME see: NL7950000
1-METHYL-1H-INDOLE-3,5,6-TRIOL see: NM1890200
4-(2-(1-METHYL-3-INDOLYL)-AETHYL-PIPERIDIN-HYDROCHLORID (German) see: NM0961500
1-(2-(2-METHYLINDOL-2-YL)ETHYL)-4-PHENYLPIPERAZINE see: NM0935000
4-(2-(1-METHYL-3-INDOLYL)ETHYL)-1-(3-(TRIMETHYLAMMONIO)PROPYL)PYRIDINIUM DICHLORIDE see: UU6201000
1-METHYL-2-(3-INDOLYLMETHYL)-4-gamma-(p-FLUOROBENZOYL)PROPYLPIPERAZINE see: EU3556500
METHYL IODIDE see: PA9450000
METHYL IODIDE (DOT) see: PA9450000
METHYLISAMIN see: SH5075000
N-METHYLISATIN see: NL7939000
1-METHYLISATIN see: NL7939000
5-METHYLISATIN see: NL7939300
7-METHYLISATIN see: NL7939500
N-METHYL-ISATIN-3-OXIM (German) see: NL7950000
METHYLISOAMYL ACETATE see: SA7525000
METHYL ISOAMYL KETONE see: MP3850000
METHYL ISOBUTENYL KETONE see: SB4200000
METHYLISOBUTYL CARBINOL see: SA7350000
METHYLISOBUTYLCARBINOL ACETATE see: SA7525000
METHYL ISOBUTYL CARBINOL (DOT) see: SA7350000
METHYLISOBUTYLCARBINYL ACETATE see: SA7525000
METHYL-ISOBUTYL-CETONE (French) see: SA9275000
METHYLISOBUTYLKETON (Dutch, German) see: SA9275000
METHYL ISOBUTYL KETONE see: SA9275000
METHYL ISOBUTYL KETONE (DOT) see: SA9275000
METHYL ISOBUTYL KETONE PEROXIDE, with more than 9% by weight active OXYGEN (DOT) see: SA9105600
METHYL ISOBUTYL KETONE PEROXIDE, with not more than 9% by weight active OXYGEN (DOT) see: SA9105550
METHYL ISOBUTYRATE see: NQ5425000
METHYLISOCYANAAT (Dutch) see: NQ9450000
METHYL ISOCYANAT (German) see: NQ9450000
METHYL ISOCYANATE see: NQ9450000
METHYL ISOCYANATE (DOT) see: NQ9450000
METHYL ISOCYANATE SOLUTIONS (DOT) see: NQ9450000
METHYL ISOEUGENOL see: CZ7000000
METHYLISOMIN see: SH5075000
METHYLISOMYN see: SH5075000
METHYLISOMYN see: SH5425000
METHYL ISOPENTANOATE see: NY1510000
16-beta-METHYL-delta(sup 5)-(17-alpha)-ISOPREGNENE-3-beta-OL see: TU5539000
1-METHYL-4-ISOPROPENYLCYCLOHEXAN-3-OL see: OT0190000
1-METHYL-4-ISOPROPENYL-1-CYCLOHEXENE see: OS8100000
1-METHYL-4-ISOPROPENYL-6-CYCLOHEXEN-2-OL see: OS8400000
d-1-METHYL-4-ISOPROPENYL-6-CYCLOHEXEN-2-ONE see: OS8670000

l-1-METHYL-4-ISOPROPENYL-6-CYCLOHEXEN-2-ONE see: OS8650000
delta-**1-METHYL-4-ISOPROPENYL-6-CYCLOHEXEN-2-ONE** see: OS8575000
METHYL ISOPROPENYL KETONE see: EN0175000
METHYL ISOPROPENYL KETONE, inhibited (DOT) see: EN0175000
N-METHYL-2-ISOPROPOXYPHENYLCARBAMATE see: FC3150000
2-(2-(N-METHYL-N-ISOPROPYLAMINO)ETHOXY)-1-PHENYLETHANOL see: DO8770000
1-METHYL-6-(3'-ISOPROPYLAMINO-2'-HYDROXYPROPOXY)-7-CYANO-5-AZAINDOLINE DIHYDROCHLORIDE see: UY8783000
p-**METHYLISOPROPYL BENZENE** see: GZ5950000
1-METHYL-4-ISOPROPYLBENZENE see: GZ5950000
1-METHYL-2-(p-(ISOPROPYLCARBAMOYL)BENZYL)HYDRAZINE see: XS4550000
1-METHYL-2-(p-ISOPROPYLCARBAMOYLBENZYL)HYDRAZINE HYDROCHLORIDE see: XS4725000
1-METHYL-2-p-(ISOPROPYLCARBAMYOL)BENZOHYDRAZINE HYDROCHLORIDE see: XS4725000
1-METHYL-4-ISOPROPYLCYCLOHEXADIENE-1,3 see: OS8060000
1-METHYL-4-ISOPROPYLCYCLOHEXADIENE-1,4 see: OS8070000
2-METHYL-5-ISOPROPYL-1,3-CYCLOHEXADIENE see: OS8080000
6-METHYL-3-ISOPROPYLCYCLOHEXANOL see: OT0175150
1-METHYL-4-ISOPROPYL-1-CYCLOHEXEN-3-ONE see: OT0257000
alpha-**METHYL-p-ISOPROPYLHYDROCINNAMALDEHYDE** see: MW4900000
alpha-**METHYL-p-ISOPROPYL HYDROCINNAMIC ALDEHYDE DIETHYL ACETAL** see: MW4905000
alpha-**METHYL-para-ISOPROPYLHYDROCINNAMIC ALDEHYDE DIMETHYL ACETAL** see: UE1780000
alpha-**METHYL-para-ISOPROPYLHYDROCINNAMIC ALDEHYDE ETHYLENE GLYCOL ACETAL** see: JH8100000
alpha-**METHYL-p-ISOPROPYLHYDROCINNAMIC ALDEHYDE PROPYLENEGLYCOL ACETAL** see: JH8200000
1-METHYL-4-ISOPROPYLIDENE-3-CYCLOHEXANONE see: OT0260000
METHYL ISOPROPYL KETONE see: EL9100000
3-METHYL-5-ISOPROPYL N-METHYLCARBAMATE see: FB8050000
METHYL-2-ISOPROPYL-4-(METHYLCARBAMOYLOXY)CARBANILATE see: FD9275000
N-METHYL-N'-(ISOPROPYL)-N-NITROSOUREA see: YT5670000
2-METHYL-5-ISOPROPYLPHENOL see: FI1225000
5-METHYL-2-ISOPROPYL-1-PHENOL see: XP2275000
N-METHYL m-ISOPROPYLPHENYL CARBAMATE see: FB7875000
N-METHYL 3-ISOPROPYLPHENYL CARBAMATE see: FB7875000
trans-**2-METHYL-2-(p-ISOPROPYLPHENYL)-4-CARBAMOYLOXYMETHYL-1,3-DIOXOLANE** see: JH9431000
3-METHYL-5-ISOPROPYLPHENYL-N-METHYLCARBAMATE see: FB8050000
2-METHYL-3-(p-ISOPROPYLPHENYL)PROPIONALDEHYDE see: MW4900000
5-METHYL-2-ISOPROPYL-3-PYRAZOLYL DIMETHYLCARBAMATE see: FA2100000
METHYL(5-ISOPROPYL-N-(p-TOLYL)-o-TOLUENESULFONAMIDO)MERCURY see: OW6350000
METHYL ISOSYSTOX see: TG1750000
N-(3-METHYL-5-ISOTHIAZOLYL)-4-MORPHOLINEACETAMIDE see: QD6481600 4-MORPHOLINEACETAMIDE, N-(3-METHYL-5-ISOTHIAZOLYL)-
N-(3-METHYL-5-ISOTHIAZOLYL)-1-PIPERIDINEACETAMIDE see: TM3508550 1-PIPERIDINEACETAMIDE, N-(3-METHYL-5-ISOTHIAZOLYL)-
N-(3-METHYL-5-ISOTHIAZOLYL)-1-PYRROLIDINEACETAMIDE see: UX9657000 1-PYRROLIDINEACETAMIDE, N(3-METHYL-5-ISOTHIAZOLYL)-
METHYLISOTHIOCYANAAT (Dutch) see: PA9625000
METHYL-ISOTHIOCYANAT (German) see: PA9625000
METHYL ISOTHIOCYANATE see: PA9625000
D-D METHYLISOTHIOCYANATE see: TX9665000
METHYL ISOTHIOCYANATE (DOT) see: PA9625000
METHYL ISOVALERATE see: NY1510000
METHYLISOVALERATE (DOT) see: NY1510000
3-METHYL-4,5-ISOXAZOLEDIONE 4-((2-CHLOROPHENYL)HYDRAZONE) see: NY2800000
N'-(5-METHYL-3-ISOXAZOLE)SULFANILAMIDE see: WP0700000
5-METHYL-3(2H)-ISOXAZOLONE see: NY2932000
N-(3-METHYL-5-ISOXAZOLYL)-4-MORPHOLINEACETAMIDE see: QD6481700 4-MORPHOLINEACETAMIDE, N-(3-METHYL-5-ISOXAZOLYL)-
N-(3-METHYL-5-ISOXAZOLYL)-1-PIPERIDINEACETAMIDE see: TM3508570 1-PIPERIDINEACETAMIDE, N-(3-METHYL-5-ISOXAZOLYL)-
N-(3-METHYL-5-ISOXAZOLYL)-1-PYRROLIDINEACETAMIDE see: UX9657200 1-PYRROLIDINEACETAMIDE, N-(3-METHYL-5-ISOXAZOLYL)-
N'-(5-METHYL-3-ISOXAZOLYL)SULFANILAMIDE see: WP0700000
N'-(5-METHYLISOXAZOL-3-YL)SULPHANILAMIDE see: WP0700000
N(sup 1)-(5-METHYL-3-ISOXAZOLYL)SULPHANILAMIDE see: WP0700000
5-(3-METHYL-5-ISOXAZOLYL)-as-TRIAZINE-3-THIOL see: XZ0980000
METHYLJODID (German) see: PA9450000
METHYLJODIDE (Dutch) see: PA9450000
7-METHYLJUGLON see: QL8520000
7-METHYLJUGLONE see: QL8520000
METHYL KETONE see: AL3150000
2-METHYLLACTONITRILE see: OD9275000
METHYL LINOLEATE HYDROPEROXIDE see: OI9530000
N-METHYL-LOST see: IA1750000
1-METHYL-LUMILYSERGOL 8-(5-BROMONICOTINATE) 10-METHYL ETHER see: KE6341000
METHYLLYSERGIC ACID BUTANOLAMIDE see: KE5300000
1-METHYLLYSERGIC ACID BUTANOLAMIDE see: KE5300000
METHYL MAGNESIUM BROMIDE in ETHYL ETHER (DOT) see: OM3700000
METHYLMALEIC ACID see: GE6650000
METHYLMALEIC ACID, DIMETHYL ESTER see: GE6700000
METHYLMALEIC ANHYDRIDE see: GE6825000
alpha-**METHYLMALEIC ANHYDRIDE** see: GE6825000
2-METHYLMALEIC ANHYDRIDE see: GE6825000
3-METHYLMALEIC ANHYDRIDE see: GE6825000
METHYL MALONATE see: OO0950000
METHYL MARASMATE see: GZ2240000
2-METHYLMELATONIN see: AC5956000
METHYLMELUBRIN see: PB1300000
METHYLMELUBRINE see: PB1300000
METHYLMERCAPTAAN (Dutch) see: PB4375000
METHYL MERCAPTAN see: PB4375000
METHYL MERCAPTAN (DOT) see: PB4375000
N-(S-METHYL-MERCAPTOAETHYL)n-PSEUDOTROPINBENZOESAUREESTER-CHLORHYDRAT (German) see: RD1592000
2-METHYLMERCAPTOBENZOIC ACID see: DH4390000
2-METHYLMERCAPTO-4,6-BIS(ETHYLAMINO)-s-TRIAZINE see: XY4025000
2-METHYLMERCAPTO-4,6-BIS(ISOPROPYLAMINO)-s-TRIAZINE see: XY4390000
2-METHYLMERCAPTO-4,6-BIS(3-METHOXYPROPYLAMINO)-s-TRIAZINE see: XY4395000
4-METHYLMERCAPTO-3,5-DIMETHYLPHENYL N-METHYLCARBAMATE see: FC5775000
2-METHYLMERCAPTO-4-ETHYLAMINO-6-ISOPROPYLAMINO-S-TRIAZINE see: XY9100000
METHYL-MERCAPTOFOS TEOLERY see: TG1750000
METHYLMERCAPTOIMIDAZOLE see: NI8615000
1-METHYL-2-MERCAPTOIMIDAZOLE see: NI8615000
METHYL BROMIDE (DOT) see: PA4900000
2-METHYLMERCAPTO-4-ISOPROPYLAMINO-6-ETHYLAMINO-S-TRIAZINE see: XY9100000
METHYLMERCAPTO-4-ISOPROPYLAMINO-6-METHYLAMINO-s-TRIAZINE see: XZ0175000
3-METHYL-3-(MERCAPTOMETHYL)OXETANE POLYMER see: TZ3600000
4-METHYLMERCAPTO-3-METHYLPHENYL DIMETHYL THIOPHOSPHATE see: TF9625000
2-METHYLMERCAPTO-10-(2-N-METHYL-2-PIPERIDYL)ETHYL)PHENOTHIAZINE see: SP2100000
METHYLMERCAPTOPHOS see: TG1650000
METHYL-MERCAPTOPHOS see: TG1760000
D-2-METHYL-3-MERCAPTOPROPANOYL-L-PROLINE see: UY0550000
beta-**(METHYLMERCAPTO)PROPIONALDEHYDE** see: UE2285000
3-(METHYLMERCAPTO)PROPIONALDEHYDE see: UE2285000
6-METHYLMERCAPTOPURINE RIBONUCLEOSIDE see: UO8985000
6-METHYLMERCAPTOPURINE RIBOSIDE see: UO8985000
3-METHYLMERCAPTO-5-(4-PYRIDYL)-1,2,4(H)-TRIAZOLE see: UT6240000
4-METHYLMERCAPTO-3,5-XYLYL METHYLCARBAMATE see: FC5775000
N-METHYLMERCURI-BIS-p-TOLUENSULFONAMID (Czech) see: OW5850000
METHYLMERCURIC CHLORIDE see: OW1225000
METHYLMERCURIC CYANIDE see: OW2000000
METHYLMERCURIC CYANOGUANIDINE see: OW1750000
METHYLMERCURIC DICYANDIAMIDE see: OW1750000
METHYLMERCURICHLORENDIMIDE see: OW4200000
METHYLMERCURIC PHOSPHATE see: OW2506000
METHYLMERCURIC SULFATE see: OX0700000
N-(METHYLMERCURI)-1,4,5,6,7,7-HEXACHLOROBICYCLO(2.2.1)HEPT-5-ENE-2,3-DICARBOXIMIDE see: OW4200000
8-(METHYLMERCURIOXY)QUINOLINE see: OW7000000
METHYLMERCURIPENTACHLORFENOLAT (Czech) see: OW6650000
N-METHYLMERCURI-1,2,3,6-TETRAHYDRO-3,6-ENDOMETHANO-3,4,5,6,7,7-HEXACHLOROPHTHALIMIDE see: OW4200000
N-METHYLMERCURI-1,2,3,6-TETRAHYDRO-3,6-METHANO-3,4,5,6,7,7-HEXACHLOROPHTHALIMIDE see: OW4200000
METHYLMERCURY see: OW6320000
METHYLMERCURY(1+) see: OW6320000
METHYLMERCURY(II) CATION see: OW6320000
METHYLMERCURY CHLORIDE see: OW1225000
METHYLMERCURY CYANIDE see: OW2000000
METHYLMERCURY DICYANDIAMIDE see: OW1750000
METHYLMERCURY DIMERCAPTOPROPANOL see: OW5950000
METHYLMERCURY HYDROXIDE see: OW4900000
METHYLMERCURY beta-**HYDROXYQUINOLATE** see: OW7000000
METHYLMERCURY 8-HYDROXYQUINOLINATE see: OW7000000
METHYLMERCURY ION see: OW6320000
METHYLMERCURY ION(1+) see: OW6320000
METHYLMERCURY NITRILE see: OW2000000
METHYLMERCURY OXINATE see: OW7000000
METHYLMERCURY OXYQUINOLINATE see: OW7000000
METHYLMERCURY PENTACHLOROPHENATE see: OW6650000
METHYLMERCURY PHSOPHATE see: OW2506000
METHYLMERCURY PROPANEDIOLMERCAPTIDE see: OW2550000
METHYLMERCURY QUINOLINOLATE see: OW7000000
METHYLMERCURY TOLUENESULFONATE see: OW7350000
METHYL-MERCURY TOLUENESULPHAMIDE see: OX0815000
METHYL MERUIC CHLORIDE see: OW1225000
METHYL MESYLATE see: PB2625000
METHYLMETHACRYLAAT (Dutch) see: OZ5075000
METHYL-METHACRYLAT (German) see: OZ5075000
METHYL METHACRYLATE see: OZ5075000
METHYL METHACRYLATE HOMOPOLYMER see: TR0400000
METHYL METHACRYLATE MONOMER see: OZ5075000
METHYL METHACRYLATE MONOMER, inhibited (DOT) see: OZ5075000
METHYL METHACRYLATE MONOMER, UNIHIBITED (DOT) see: OZ5075000
METHYL METHACRYLATE POLYMER see: TR0400000
METHYL METHACRYLATE RESIN see: TR0400000
N-METHYLMETHANAMINE see: IP8750000
N-METHYLMETHANAMINE compd. with **2,3,5-TRIIODOBENZOIC ACID** (1:1) see: DH9350000
METHYLMETHANE see: KH3800000
METHYL METHANESULFONATE see: PB2625000
METHYL METHANESULPHONATE see: PB2625000
METHYL METHANOATE see: LQ8925000
METHYLMETHANSULFONAT (German) see: PB2625000
METHYL METHANSULFONATE see: PB2625000
METHYL METHANSULPHONATE see: PB2625000
2-METHYL-4-METHOXYANILINE see: BZ6730000
4-METHYL-1-METHOXYBENZENE see: BZ8780000
METHYL p-METHOXYBENZOATE see: BZ4925000
1-METHYL-7-METHOXY-3,4-DIHYDRO-beta-**CARBOLINE** see: UU9800000
4-METHYL-5-METHOXY-7-HYDROXY-6-(5-CARBOXY-3-METHYLPENT-2-EN-1-YL)-PHTHALIDE (E)- see: MP8050000
9-METHYL-10-METHOXYMETHYL-1,2-BENZANTHRACENE see: CX0600000
METHYL ((METHOXYMETHYLPHOSPHINOTHIOYL)THIO)ACETYL)METHYLCARBAMATE see: TA7565000
6-METHYL-2-METHOXYNICOTINAMIDOXIME see: QS5110000
METHYL METHYLACRYLATE see: OZ5075000
METHYL alpha-**METHYLACRYLATE** see: OZ5075000
1-METHYL-6-(1-METHYLALLYL)DITHIOBIUREA see: EC1490000
1-METHYL-6-(1-METHYLALLYL)-2,5-DITHIOBIUREA see: EC1490000
N-METHYL-2'-METHYL-p-AMINOAZOBENZENE see: BY6400000
N-METHYL-2'-METHYL-4-AMINOAZOBENZENE see: BY6400000
N-METHYL-3-METHYL-p-AMINOAZOBENZENE see: XU7900000
N-METHYL-3'-METHYL-p-AMINOAZOBENZENE see: BY6350000
N-METHYL-3'-METHYL-4-AMINOAZOBENZENE see: BY6350000
N-METHYL-4'-METHYL-p-AMINOAZOBENZENE see: BY6450000
N-METHYL-4'-METHYL-4-AMINOAZOBENZENE see: BY6450000
METHYL METHYLAMINOBENZOATE see: CB3500000
O-METHYL S-(((METHYLAMINO)CARBONYL)METHYL) METHYLPHOSPHONODITHIOATE see: TA7600000
METHYL N-((METHYLAMINO)CARBONYL)OXY)ETHANIMIDO)THIOATE see: AK2975000
N-METHYL-5-(METHYLAMINO)-3-(1-METHYLHYDRAZINO)-as-TRIAZINE-6-CARBOXAMIDE see: XY5046800
S-(2-((1-METHYL-2-(METHYLAMINO)-2-OXOETHYL)SULFINYL)ETHYL)PHOSPHO see: TE1450000
N-METHYL-4'-(p-METHYLAMINOPHENYLAZO)ACETANILIDE see: AE4950000
2-METHYL-2-(METHYLAMINO)-1-PROPANOL BENZOATE HYDROCHLORIDE see: UB8550000
N-METHYL-5-(METHYLAMINO)-TETRAZOLO(1,5-b)-as-TRIAZINE-6-CARBOXAMIDE see: XF8241000
METHYL-6-METHYL-AMINO-8-s.TRIAZOLO(4-3b)PYRIDAZINE (French) see: XZ5493000
6-METHYL-8-METHYLAMINO-s-TRIAZOLO(4,3-b)PYRIDAZINE see: XZ5493000
2-METHYL-4-METHYLAMINO-6-(TRIFLUOROMETHYL)-s-TRIAZINE see: XZ0359400
3-METHYL-1-(2-(N-METHYLANILINO)ETHYL)-4-PHENYL-4-PIPERIDINOL PROPIONATE DIHYDROCHLORIDE see: TN7747000 4-PIPERIDINOL, 3-METHYL-1-(2-(N-METHYLANILINO)ETHYL)-4-PHENYL-, PROPIONATE,DIHYDROCHLORIDE
METHYL N-METHYL ANTHRANILATE see: CB3500000
METHYL p-METHYLBENZENESULFONATE see: XT7000000
METHYL 4-METHYLBENZENESULFONATE see: XT7000000
METHYL p-METHYLBENZOATE see: XU2150000
METHYL 4-METHYLBENZOATE see: XU2150000
1-METHYL-5-(4-METHYLBENZOYL)-PYRROLE-2-ACETIC ACID see: UX9287000

(+)-alpha-METHYL-N-(p-METHYLBENZYL)PHENETHYLAMINE HYDROCHLORIDE see: SI0560000
3-METHYL-6-(alpha-METHYLBENZYL)-1H-PYRAZOLO(4,3-d)PYRIMIDIN-7(6H)-ONE see: UR0805000
METHYL 3-METHYLBUTANOATE see: NY1510000
METHYL 3-METHYLBUTYRATE see: NY1510000
METHYL-N-((METHYLCARBAMOYL)OXY)THIOACETIMIDATE see: AK2975000
S-METHYL N-(METHYLCARBAMOYLOXY)THIOACETIMIDATE see: AK2975000
METHYL O-(METHYLCARBAMOYL)THIOLACETHOHYDROXAMATE see: AK2975000
cis-1-METHYL-2-METHYL CARBAMOYL VINYL PHOSPHATE see: TC4375000
2-(3-(METHYLTHIO)PROPYL)PHENYL METHYLCARBAMATE see: FC5500000
2-METHYL-1-((6-METHYL-3-CYCLOHEXEN-1-YL)CARBONYL)PIPERIDINE see: TN1275620
3-METHYL-1-((6-METHYL-3-CYCLOHEXEN-1-YL)CARBONYL)PIPERIDINE see: TN1275630
4-METHYL-1-((6-METHYL-3-CYCLOHEXEN-1-YL)CARBONYL)PIPERIDINE see: TN1275640
2-METHYL-1-((2-METHYLCYCLOHEXYL)CARBONYL)PIPERIDINE see: TN1275800
3-METHYL-1-((2-METHYLCYCLOHEXYL)CARBONYL)PIPERIDINE see: TN1276000
4-METHYL-1-((2-METHYLCYCLOHEXYL)CARBONYL)PIPERIDINE see: TN1277000
N-METHYL-N-(2-METHYL-1,3-DIOXOLAN-3-YLMETHYL)NICOTINAMIDE see: QS4482600
2-(METHYL(1-METHYL-2,2-DIPHENYLETHYL)AMINO)PYRIDINE HYDROCHLORIDE see: UT5635200
3-(METHYL(1-METHYL-2,2-DIPHENYLETHYL)AMINO)PYRIDINE HYDROCHLORIDE see: UT5635300
4-(METHYL-(1-METHYL-2,2-DIPHENYLETHYL)AMINO)PYRIDINE HYDROCHLORIDE see: UT5635400
10-METHYL-1',9-METHYLENE-1,2-BENZANTHRACENE see: CU1050000
N-METHYL-4,4'-METHYLENEDIANILINE see: BY5700000
(+ -)-alpha-METHYL-3,4-(METHYLENEDIOXY)PHENETHYLAMINE see: SI0590000
(R)-alpha-METHYL-3,4-(METHYLENEDIOXY)PHENETHYLAMINE see: SI0592000
(S)-alpha-METHYL-3,4-(METHYLENEDIOXY)PHENETHYLAMINE see: SI0593000
1-METHYL-2-(3,4-METHYLENEDIOXYPHENYL)ETHYL OCTYL SULFOXIDE see: DA5775000
N-METHYL-3,4-METHYLENEDIOXYTHIOCINNAMAMIDE see: GD7413000
7-METHYL-3-METHYLENE-1,6-OCTADIENE see: RG5365000
2-METHYL-6-METHYLENE-7-OCTEN-2-YL ACETATE see: RH3585000
2-METHYL-5-(1-METHYLETHENYL)CYCLOHEXANONE see: PC8710000
5-METHYL-2-(1-METHYLETHENYL)-4-HEXEN-1-OL ACETATE see: MP8625000
2-METHYL-N-(3-(1-METHYLETHOXY)PHENYL)BENZAMIDE see: CV5581700
5-METHYL-2-(1-METHYLETHYL)CYCLOHEXANOL see: OT0350000
5-METHYL-2-(1-METHYLETHYL)CYCLOHEXANONE see: OS9542500
1-METHYL-4-(1-METHYLETHYL)-2,3-DIOXABICYCLO(2.2.2)OCT-5-ENE see: OT0175000
6-METHYL-N-(1-METHYLETHYL)-2-HEPTANAMINE HYDROCHLORIDE see: MK1200000
5-METHYL-2-(1-METHYLETHYL)-2-HEXEN-1-YL ACETATE see: AI5000000
1-METHYL-2-(1-METHYLETHYL)-5-NITRO-1H-IMIDAZOLE see: NI6450000
O-METHYL O-(1-METHYLETHYL) O-(4-NITROPHENYL) PHOSPHOROTHIOATE see: TG2220000
2-METHYL-5-(1-METHYLETHYL)PHENOL see: FI1225000
5-METHYL-2-(1-METHYLETHYL)PHENOL see: XP2275000
3-METHYL-5-(1-METHYLETHYL)PHENOLMETHYLCARBAMATE see: FB8050000
4-METHYL-alpha-(1-METHYLETHYL)-alpha-2-THIENYL-1-PIPERIDINEBUTANENITRILE see: TM5693000
2-METHYL-2-(1-METHYLIMIDAZOL-2-YLTHIO)PROPIONIC ACID see: UF5993000
N-METHYL-N-(4-((7-METHYL-1H-IMIDAZO(4,5-f)QUINOLIN-9-YL)AMINO)PHENYL)ACETAMIDE HCl see: AC6148500
alpha-METHYL-N-(3-METHYL-5-ISOTHIAZOLYL)-1-PIPERIDINEACETAMIDE see: TM3508650 1-PIPERIDINEACETAMIDE, alpha-METHYL-N-(3-METHYL-5-ISOTHIAZOLYL)-
alpha-METHYL-N-(3-METHYL-5-ISOTHIAZOLYL)-4-MORPHOLINEACETAMIDE see: QD6481800 4-MORPHOLINEACETAMIDE, alpha-METHYL-N-(3-METHYL-5-ISOTHIAZOLYL)-
alpha-METHYL-N-(3-METHYL-5-ISOXAZOLYL)-4-MORPHOLINEACETAMIDE see: QD6481900 4-MORPHOLINEACETAMIDE, alpha-METHYL-N-(3-METHYL-5-ISOXAZOLYL)-
alpha-METHYL-N-(3-METHYL-5-ISOXAZOLYL)-1-PIPERIDINEACETAMIDE see: TM3508670 1-PIPERIDINEACETAMIDE, alpha-METHYL-N-(3-METHYL-5-ISOXAZOLYL)-
METHYL METHYLMERCURIC SULFIDE see: OW5750000
N-METHYL N-(METHYL-4 METHYL-2 DIOXOLANNYL-1,3) NICOTINAMIDE (French) see: QS4482600
O-METHYL O-(3-METHYL-4-(METHYLSULFINYL)PHENYL)METHYLPHOSPHONOTHIOATE see: TB1660000
d-3-METHYL-N-METHYLMORPHINAN HYDROBROMIDE see: QC7695400
d-3-METHYL-N-METHYLMORPHINAN PHOSPHATE see: QC7696000
METHYL N-METHYLNIPECOTATE see: QU1987000
1-METHYL-4-((1-METHYL-5-NITRO-1H-IMIDAZOL-2-YL)METHYL)PIPERAZINE see: TM1775500
2-METHYL-alpha-((2-METHYL-5-NITRO-1H-IMIDAZOL-1-YL)METHYL)-5-NITRO-1H-IMIDAZOLE-1-ETHANOL see: NI5585000
O-METHYL O-(4-METHYL-2-NITROPHENYL) (1-METHYLETHYL)PHOSPHORAMIDOTHIOATE see: TB5100000
N-METHYL-N-(3-METHYL-2-NORBORNYLMETHYL)-1-PIPERIDINECARBOXAMIDE see: TM6108000
1-METHYL-3-(5-METHYL-3-(1,2,4-OXADIAZOLYL))-5-CHLOROBENZIMIDAZOLIN-2-ONE see: DE1810000
2-(METHYL(alpha-METHYLPHENETHYL)AMINO)ETHANOL ACETATE HYDROCHLORIDE see: KL6720000
2-(METHYL(beta-METHYLPHENETHYL)AMINO)ETHANOL ACETATE HYDROCHLORIDE see: KL7620100
N-(1-METHYL-2-(N-METHYLPHENETHYLAMINO)ETHYL)-N-(2-THIENYL)PROPIONAMIDE OXALATE see: UE4520000
3-(METHYL(beta-METHYLPHENETHYL)AMINO)PROPANOL ACETATE HYDROCHLORIDE see: UB8565000
N-METHYL-N-(beta-METHYLPHENETHYL)CINNAMYLAMINE HYDROCHLORIDE see: GE2374000
(+)-N-METHYL-N-(alpha-METHYLPHENETHYL)FURFURYLAMINE see: LU9775000
(+)-N-METHYL-N-(alpha-METHYLPHENETHYL)FURFURYLAMINE CYCLOHEXANESULFAMATE see: LU9776000
N-METHYL-N-(alpha-METHYLPHENETHYL)FURFURYLAMINE CYCLOHEXANESULFAMATE see: LU9776100
L-N-METHYL-N-(alpha-METHYLPHENETHYL)-3-PHENYLALANINAMIDE see: AY2975000
(+)-N-METHYL-N-(alpha-METHYLPHENETHYL)-2-THENYLAMINE CYCLOHEXANESULFAMATE see: XH1425000
(+)-N-METHYL-N-(alpha-METHYLPHENETHYL)-3-THENYLAMINE CYCLOHEXANESULFAMATE see: XH1425100
(+ -)-2-METHYL-2-(alpha-METHYLPHENETHYL-1-(2-THIAZOLYL)HYDRAZIDE of SULFANILIC ACID see: WP3899200 SULFANILIC ACID, 2-METHYL-2-(alpha-METHYLPHENETHYL)-1-(2-THIAZOLYL)HYDRAZIDE,(+ -)-
2-METHYL-4-((2-METHYLPHENYL)AZO)BENZENAMINE see: XU8800000
1-((2-METHYL-4-((2-METHYLPHENYL)AZO)PHENYL)AZO)-2-NAPHTHALENOL see: QL5775000
N-METHYL-2-((o-METHYL-alpha-PHENYLBENZYL)OXY)ETHYLAMINE HYDROCHLORIDE see: KR9100000
1-METHYL-4-(o-METHYL-alpha-PHENYLBENZYL)PIPERAZINE DIHYDROCHLORIDE see: TM1774200
METHYL 1-(1-METHYL-2-PHENYLETHYL)-4-(N-(1-OXOPROPYL)-N-PHENYLAMINO)-4-PIPERIDINECARBOXYLATE see: TM6372000
O-METHYL S-(4-METHYLPHENYL) ETHYLPHOSPHONODITHIOATE see: TA6825000
2-METHYL-3-(2-METHYLPHENYL)-4-QUINAZOLINONE see: VA3850000
2-METHYL-3-(2-METHYLPHENYL)-4(3H)-QUINAZOLINONE see: VA3850000
N-METHYL-alpha,alpha-METHYLPHENYLSUCCINIMIDE see: WN2625000
N-METHYL-alpha-METHYL-alpha-PHENYLSUCCINIMIDE see: WN2625000
3-METHYL-1-(4-METHYLPHENYL)TRIAZENE see: XY2785500
6-METHYL-alpha-(4-METHYL-1-PIPERAZINYLCARBONYL)ERGOLINE-8-beta-PROPIONITRILE see: KE6345210
10-METHYL-1-(4-METHYL-1-PIPERAZINYL)-7-NITRO-10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZINE see: UR6086000
METHYL 10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZIN-2-YL KETONE see: OB4960000
METHYL 10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZIN-2-YL KETONE DIMALEATE see: OB4970000
1-(10-METHYL-1-(4-METHYL-1-PIPERAZINYL)-10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZIN-7-YL)ETHANONE see: KM5781900
METHYL 2-METHYL-2-PROPENOATE see: OZ5075000
alpha-METHYL-4-(2-METHYLPROPYL)BENZENEACETIC ACID 2-PYRIDINYLMETHYL ESTER see: CY1678800
S-METHYL O-(2-(1-METHYLPROPYL)-4,6-DINITROPHENYL) CARBONOTHIOATE see: FG2190000
1-METHYL-4-(METHYLSULFONYL)-4-PHENYLPIPERIDINE HYDROCHLORIDE see: TN1277500
2-METHYL-2-(METHYLSULFONYL)PROPANAL O-((METHYLAMINO)CARBONYL)OXIME see: UE2080000
2-METHYL-2-(METHYLSULFONYL)PROPIONALDEHYDE O-(METHYLCARBAMOYL)OXIME see: UE2080000
METHYL N-METHYLTETRAHYDRONICOTINATE see: QT2100000
METHYL(METHYLTHIO)MERCURY see: OW5750000
O-(3-METHYL-4-(METHYLTHIO)PHENYL) DIMETHYLPHOSPHINOTHIOATE see: SZ5982000
3-METHYL-4-(METHYLTHIO)PHENYL N,N'-DIMETHYLPHOSPHORODIAMIDATE see: TD2700000
3-METHYL-4-(METHYLTHIO)PHENYL METHYLCARBAMATE see: FC5600000
2-METHYL-2-(METHYLTHIO)PROPANAL, O-((METHYLAMINO)CARBONYL)OXIME see: UE2275000
2-METHYL-2-METHYLTHIO-PROPIONALDEHYD-O-(N-METHYL-CARBAMOYL)-OXIM (German) see: UE2275000
2-METHYL-2-(METHYLTHIO)PROPIONALDEHYDE O-(METHYLCARBAMOYL)OXIME see: UE2275000
2-METHYL-(3,5 or 6)-METHYLTHIOPYRAZINE see: UQ3700000
3-METHYL-2-METHYLTHIO-2-THIAZOLINIUM IODIDE see: XJ7012000
N-METHYL-N-(alpha-METHYL-m-(TRIFLUOROMETHYL)PHENETHYL)FURFURYLAMINE CYCLOHEXANESULFAMATE see: LU9776800
METHYL METIRAM see: PX4520050
METHYL-d3-MIC see: NI4000300
1-METHYLMOCIMYCIN see: QA2809000
METHYL MONOBROMOACETATE see: AF6300000
METHYL MONOCHLORACETATE see: AF9500000
METHYL MONOCHLOROACETATE see: AF9500000
3-METHYL-4-MONOMETHYLAMINOAZOBENZENE see: XU7900000
3'-METHYL-4-MONOMETHYLAMINOAZOBENZENE see: BY6350000
METHYLMORPHINE see: QD0893000
METHYLMORPHINE HYDROBROMIDE see: QD1040000
N-METHYL MORPHOLINE see: QE5775000
alpha-METHYL-4-MORPHOLINEACETONITRILE see: QD6700000
METHYLMORPHOLINE (DOT) see: QE5775000
N-3-METHYLMORPHOLINIMIDE of 3-m-BROMOPHENYLSUCCINIC ACID see: WN2295000
6-METHYL-alpha-(MORPHOLINOCARBONYL)ERGOLINE-8-beta-PROPIONITRILE see: KE6345220
(+)-1-(3-METHYL-4-MORPHOLINO-2,2-DIPHENYLBUTYRYL)PYRROLIDINE TARTRATE see: UY1430000
N-(1-METHYL-2-MORPHOLINOETHYL)CARBANILIC ACID ETHYL ESTER see: FD9725000 CARBANILIC ACID, N(1-METHYL-2-MORPHOLINOETHYL)-, ETHYL ESTER
3-METHYL-2-(MORPHOLINOMETHYL)HEXAHYDRO-1-INDANONE HYDROCHLORIDE see: NK7536700
3-METHYL-4-(MORPHOLINOMETHYL)-4,5,6,7-TETRAHYDRO-1-INDANONE HYDROCHLORIDE see: NK7538900
3-METHYL-2-(MORPHOLINOMETHYL)-3,4,5,6-TETRAHYDRO-1(2H)-PENTALENONE HYDROCHLORIDE see: RZ4296000
2-METHYL-5-MORPHOLINO-4-PENTOXY-3(2H)-PYRIDAZINONE see: UR7432500
2-METHYL-5-MORPHOLINO-4-(PENTYLOXY)-3(2H)-PYRIDAZINONE see: UR7432500
1-METHYL-MORPHOLINO-3-PHTHALIMIDO-GLUTARIMIDE see: TI5609700
1-METHYL-MORPHOLINO-4-PHTHALIMIDO-GLUTARIMIDE see: TI5609710
2-METHYL-5-MORPHOLINO-4-PROPOXY-3(2H)-PYRIDAZINONE see: UR7434500
METHYL 10-(3-MORPHOLINOPROPYL)PHENOTHIAZIN-2-YL KETONE see: OB4975000
METHYL 10-(3-MORPHOLINOPROPYL)PHENOTHIAZIN-2-YL KETONE FUMARATE see: OB4980000
((6-METHYL-4-MORPHOLINO-2-PYRIMIDINYL)THIO)ACETIC ACID HYDRAZIDE see: AI9115000
METHYL MUSTARD OIL see: PA9625000
N-METHYL-1-NAFTYL-CARBAMAAT (Dutch) see: FC5950000
METHYL NAMATE see: FD3500000
alpha-METHYLNAPHTHALENE see: QJ9630000
beta-METHYLNAPHTHALENE see: QJ9635000
1-METHYLNAPHTHALENE see: QJ9630000
2-METHYLNAPHTHALENE see: QJ9635000
2-METHYL-1,4-NAPHTHOCHINON (German) see: QL9100000
5-METHYLNAPHTHO(1,2,3,4-def)CHRYSENE see: QL0350000
6-METHYLNAPHTHO(1,2,3,4-def)CHRYSENE see: QL0525000
2-METHYL-1,4-NAPHTHOQUINONE see: QL9100000
3-METHYL-1,4-NAPHTHOQUINONE see: QL9100000
2-METHYL-1-NAPHTHYLAMINE see: QM3675000
3-METHYL-2-NAPHTHYLAMINE see: QM4025000
3-METHYL-2-NAPHTHYLAMINE, HYDROCHLORIDE see: QM4200000
1-METHYL-4-alpha-(1-NAPHTHYLBENZYL)PIPERAZINE DIHYDROCHLORIDE see: TM1776500
N-METHYL-1-NAPHTHYL-CARBAMAT (German) see: FC5950000
N-METHYL NAPHTHYLCARBAMATE see: FC5900000
N-METHYL-alpha-NAPHTHYLCARBAMATE see: FC5950000
N-METHYL-1-NAPHTHYL CARBAMATE see: FC5950000
N-METHYL-N-(1-NAPHTHYL)FLUOROACETAMIDE see: AC2700000
METHYL alpha-NAPHTHYL KETONE see: AL2982800
alpha-METHYL NAPHTHYL KETONE see: AL2982800
METHYL beta-NAPHTHYL KETONE see: AL2988000
METHYL 1-NAPHTHYL KETONE see: AL2982800
METHYL 2-NAPHTHYL KETONE see: AL2988000
beta-METHYL NAPHTHYL KETONE see: AL2988000
1-METHYL-4-(1-NAPHTHYLMETHYL)PIPERAZINE DIHYDROCHLORIDE see: TM1777800
N-METHYL-N-(1-NAPHTHYL)MONOFLUOROACETAMIDE see: AC2700000
4-METHYL-N-1-NAPHTHYL-1-PIPERAZINEACETAMIDE DIHYDROCHLORIDE see: TK7851000
N-METHYL-alpha-NAPHTHYLURETHAN see: FC5950000
N(sup 1)-METHYLNICOTINAMIDE see: UU3300000 PYRIDINIUM, 3-CARBAMOYL-1-METHYL-
1-METHYL NICOTINAMIDE see: UU3300000 PYRIDINIUM, 3-CARBAMOYL-1-METHYL-
N-METHYLNICOTINATE see: YF6825000
N'-METHYLNICOTINIC ACID see: YF6825000
N-METHYLNICOTINIC ACID see: YF6825000
(METHYLNITRAMINO)METHANOL see: PC2990000
1-METHYLNIPECOTIC ACID METHYL ESTER see: QU1987000
METHYL NIRAN see: TG0175000
METHYL NITRATE see: QV0100000
METHYL NITRATE (DOT) see: QV0100000
1-METHYLNITRAZEPAM see: DF2410000
METHYL NITRITE see: RA1050000
METHYL NITRITE (DOT) see: RA1050000
6-METHYL-3-NITROANILINE see: XU8225000
2-METHYL-1-NITRO-9,10-ANTHRACENEDIONE see: CB7920000
2-METHYL-1-NITROANTHRAQUINONE see: CB7920000
METHYLNITROBENZENE see: XT2972000
m-METHYLNITROBENZENE see: XT2975000
o-METHYLNITROBENZENE see: XT3150000
p-METHYLNITROBENZENE see: XT3325000
2-METHYLNITROBENZENE see: XT3150000
3-METHYLNITROBENZENE see: XT2975000
4-METHYLNITROBENZENE see: XT3325000
2-METHYL-5-NITRO-BENZENEAMINE see: XU8225000
9-METHYL-omega-(p-NITROBENZENEAZO)-3,4-BENZACRIDINE see: CU4150000

1-METHYL-2-NITROBENZIMIDAZOLE see: DD9468500
p-(3-METHYL-3-(p-NITROBENZYL)-1-TRIAZENO)BENZOIC ACID see: DH4010200
3-METHYL-3-NITROBICYCLO(2.2.1)HEPTAN-2-ONE O-((METHYLAMINO)CARBONYL)OXIME see: RB7780000
3-METHYL-3-NITRO-2-BUTANONE O-((METHYLAMINO)CARBONYL)OXIME see: EL9150000
2-METHYL-2-NITROCYCLOHEXANONE O-((METHYLAMINO)CARBONYL)OXIME see: GW1800000
2-METHYL-2-NITROCYCLOPENTANONE O-((METHYLAMINO)CARBONYL)OXIME see: GY5120000
METHYL 5-NITRO-3,4-DIPHENYL-FUROATE see: LV1821500
6-METHYL-2-NITRODIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE see: JM5660000
1-METHYL-7-NITRO-5-(2-FLUOROPHENYL)-3H-1,4-BENZODIAZEPIN-2(1H)-ONE see: DF2385000
alpha-METHYL-5-NITRO-2-FURANACROLEIN SEMICARBAZONE see: LT8530750
4-METHYL-1-((5-NITROFURFURYLIDENE)AMINO-2-IMIDAZOLIDINONE see: NJ0750000
3-METHYL-4-(5'-NITROFURYLIDENE-AMINO)-TETRAHYDRO-4H-1,4-THIAZINE-1,1-DIOXIDE see: XM3020000
METHYL 5-NITRO-2-FURYL KETONE SEMICARBAZONE see: OB5010000
N-METHYL-N'-NITROGUANIDINE see: MF4125000
1-METHYL-3-NITROGUANIDINE mixed with SODIUM NITRITE (1:1) see: MF4220000
1-METHYL-2-NITROIMIDAZOLE see: NI7500000
2-METHYL-4-NITROIMIDAZOLE see: NI7535000 IMIDAZOLE, 2-METHYL-4-NITRO-
5-METHYL-4-NITROIMIDAZOLE see: NI7562500 IMIDAZOLE, 5-METHYL-4-NITRO-
1-METHYL-5-NITRO-IMIDAZOLE-2-CARBOXALDEHYDE see: NI3892000
2-METHYL-5-NITROIMIDAZOLE-1-ETHANOL see: NI5600000
2-METHYL-5-NITROIMIDAZOLE-1-ETHANOL METHANESULFONATE (ester) see: NI5635000
1-METHYL-5-NITRO-1H-IMIDAZOLE-2-METHANOL CARBAMATE ESTER (9CI) see: NI6803000
4-((E)-2-(1-METHYL-5-NITRO-1H-IMIDAZOL-2-YL)-AETHENYL)-2-PYRIMIDINAMIN (German) see: UV6261500
4-((E)-2-(1-METHYL-5-NITRO-1H-IMIDAZOL-2-YL)-ETHENYL)-2-PYRIMIDINAMINE see: UV6261500
(2-(2-METHYL-5-NITRO-1H-IMIDAZOL-1-YL)ETHYL)CARBAMOTHIOIC ACID O-METHYL ESTER see: FD3912000
METHYLNITROIMIDAZOLYLMERCAPTOPURINE see: UO8925000
6-(1'-METHYL-4'-NITRO-5'-IMIDAZOLYL)-MERCAPTOPURINE see: UO8925000
3-(1-METHYL-5-NITRO-1H-IMIDAZOL-2-YL)-2-PHENOXY-2-PROPENOIC ACID see: UD3460000
3-(2-METHYL-5-NITRO-1H-IMIDAZOL-1-YL)-1,2-PROPANEDIOL see: TY8940000
6-(METHYL-p-NITRO-5-IMIDAZOLYL)-THIOPURINE see: UO8925000
6-(1-METHYL-p-NITRO-5-IMIDAZOLYL)-THIOPURINE see: UO8925000
6-((1-METHYL-4-NITROIMIDAZOL-5-YL)THIO)PURINE see: UO8925000
6-(1-METHYL-4-NITROIMIDAZOL-5-YLTHIO)PURINE see: UO8925000
6-((1-METHYL-4-NITRO-1H-IMIDAZOL-5-YL)THIO)-1H-PURINE see: UO8925000
N-METHYL-p-NITRO-N-NITROSOBENZYLAMINE see: DP6295000
N-METHYL-N'-NITRO-N-NITROSOGUANIDINE see: MF4200000
1-METHYL-3-NITRO-1-NITROSOGUANIDINE see: MF4200000
N-METHYL-N'-NITRO-N-NITROSOGUANIDINE, not exceeding 25 grams in one outside packaging (DOT) see: MF4200000
5-METHYL-2-NITRO-7-OXA-8-MERCURABICYCLO(4.2.0)OCTA-1,3,5-TRIENE see: RO4375000
S-METHYL-N-(3-NITRO-PHENYL)-DITHIOCARBAMAT (German) see: FD8892430
S-METHYL-N-(4-NITRO-PHENYL)-DITHIOCARBAMAT (German) see: FD8892435
METHYL m-NITROPHENYL ETHER see: BZ8787000
METHYL-p-NITROPHENYL KETONE see: AM9627000
(2-METHYL-5-NITROPHENYL)METHYL 3-((DIMETHOXYPHOSPHINYL)OXY)-2-BUTENOATE see: GQ5290000
METHYLNITROPHOS see: TG0350000
2-METHYL-2-NITRO-PROPANOL NITRATE see: UB8580000
N-(2-METHYL-2-NITROPROPYL)-p-NITROSOANILINE see: BY5760000
N-(2-METHYL-2-NITROPROPYL)-4-NITROSOBENZAMINE see: BY5760000
3-METHYL-4-NITROPYRAZOLE-5-CARBOXYLIC ACID 2-(p-CHLOROPHENYL)HYDRAZIDE see: UQ6415000
3-METHYL-4-NITROPYRIDINE 1-OXIDE see: UT5775000
1-METHYL-3-NITRO-5H-PYRIDO(4,3-b)INDOLE see: UV0320000
2-METHYL-5-NITRO-N-2-PYRIMIDINYL-1H-IMIDAZOLE-1-ACETAMIDE see: NI3360000
2-METHYL-8-NITROQUINOLINE see: UZ9830000
2-METHYL-4-NITROQUINOLINE N-OXIDE see: UZ9850000
2-METHYL-4-NITROQUINOLINE-1-OXIDE see: UZ9850000
3-METHYL-4-NITROQUINOLINE 1-OXIDE see: VC1041000
5-METHYL-4-NITROQUINOLINE 1-OXIDE see: VC1050000
6-METHYL-4-NITROQUINOLINE 1-OXIDE see: VC1225000
7-METHYL-4-NITROQUINOLINE 1-OXIDE see: VC1400000
8-METHYL-4-NITROQUINOLINE 1-OXIDE see: VC1575000
2-METHYLNITROSAMIDE POTASSIUM SALT see: QY9225000
1-(4-N-METHYL-N-NITROSAMINOBENZYLIDENE)INDENE see: NK8500000
1-(METHYLNITROSAMINO)-2-BUTANONE see: EL9152000
4-(METHYLNITROSAMINO)-2-BUTANONE see: EL9154000
1-(N-METHYL-N-NITROSAMINO)-1-DEOXY-D-GLUCITOL see: LZ4375000
1-N-METHYL-N-NITROSAMINO-1-DEOXY-D-GLUCITOLE see: LZ4375000
p-((METHYLNITROSAMINO)METHYL)BENZONITRILE see: DI4850000
2-METHYLNITROSAMINO-2-METHYLPENTANON(4) (German) see: SA9350000
3-(METHYLNITROSAMINO)-1,2-PROPANEDIOL see: TY9020000
6-(METHYLNITROSAMINO)PURINE see: AU6560000
4-(N-METHYL-N-NITROSAMINO)-4-(3-PYRIDYL)BUTANAL see: EJ3465000
4-(N-METHYL-N-NITROSAMINO)-1-(3-PYRIDYL)-1-BUTANONE see: OB6465000
4-(METHYLNITROSAMINO)-1-(3-PYRIDYL)-1-BUTANONE-4,4-d2 see: EL9164000
4-(4-N-METHYL-N-NITROSAMINOSTYRYL)QUINOLINE see: VC1650000
METHYLNITROSOACETAMID (German) see: AC6300000
METHYLNITROSOACETAMIDE see: AC6300000
N-METHYL-N-NITROSOACETAMIDE see: AC6300000
N-METHYL-N-NITROSO-N'-ACETYLUREA see: YR7000000
1-METHYL-1-NITROSOACETYLUREA see: YR7000000
N-METHYL-N-NITROSOADENINE see: AU6560000
N(sup 6)-(METHYLNITROSO)ADENOSINE see: UO7441600
N-METHYL-N-NITROSOALLYLAMINE see: BA7000000
2-(N-METHYL-N-NITROSO)AMINOACETONITRILE see: AM0950000
alpha-METHYLNITROSOAMINOBENZYL ALCOHOL ACETATE (ester) see: DP0530000
1-N-METHYL-N-NITROSOAMINO-1-DESOXY-D-GLUCIT (German) see: LZ4375000
alpha-(1-(N-METHYL-N-NITROSOAMINO)ETHYL)BENZYL ALCOHOL see: DP0600000
2-(N-METHYL-N-NITROSOAMINO)-1-PHENYL-1-PROPANOL see: DP0600000
4-(N-METHYL-N-NITROSOAMINO)-4-(3-PYRIDYL)-1-BUTANONE see: OB6465000
METHYLNITROSOANILINE see: BY5775000
N-METHYL-N-NITROSOANILINE see: BY5775000
N-METHYL-N-NITROSOBENZAMIDE see: CV5585350
N-METHYL-N-NITROSOBENZENAMINE see: BY5775000
o-METHYLNITROSOBENZENE see: XT3400000
N-METHYL-N-NITROSO-N'-(2-BENZOTHIAZOLYL)-HARNSTOFF (German) see: YR9050000
N-METHYL-N-NITROSO-N'-(2-BENZOTHIAZOLYL)-UREA see: YR9050000
N-METHYL-N-NITROSOBENZYLAMINE see: DP6300000
N-METHYL-N-NITROSOBIURET see: EC1925000
1-METHYL-1-NITROSOBIURET see: EC1925000
1-METHYL-1-NITROSO-3-(p-BROMOPHENYL)UREA see: YS3350000
N-METHYL-N-NITROSOBUTYLAMINE see: EO5425000
METHYLNITROSOCARBAMIC ACID 2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURANYL ESTER see: FC6250000
N-METHYL-N-NITROSOCARBAMIC ACID, ETHYL ESTER see: FC6300000
METHYL-NITROSOCARBAMIC ACID 1-NAPHTHYL ESTER see: FC6600000
N-METHYL-N-NITROSOCARBAMIC ACID m-3-PENTYLPHENYL ESTER see: FC6612000
METHYLNITROSOCARBAMIC ACID o-ISOPROPOXYPHENYL ESTER see: FC6480000
N(sup delta)-(N-METHYL-N-NITROSOCARBAMOYL)-L-ORNITHINE see: RM2983000
N(sup 5)-(METHYLNITROSOCARBAMOYL)-L-ORNITHINE see: RM2983000
N(sup 5)-(N-METHYL-N-NITROSOCARBAMOYL)-L-ORNITHINE see: RM2983000
N-METHYL N-NITROSOCARBAMOYL L-PROLYL L-LEUCINAMIDE see: UY0298000
N-METHYL N-NITROSOCARBAMOYL L-PROLYL L-LEUCINE CHLORO-2 ETHYLAMIDE (French) see: UY0298550
N-METHYL N-NITROSOCARBAMOYL L-PROLYL L-LEUCYL GLYCINAMIDE (French) see: UY0298150
N-METHYL N-NITROSOCARBAMOYL L-PROLYL L-LEUCYL GLYCINE CHLORO-2 ETHYLAMIDE (French) see: UY0298750
N-METHYL-N-NITROSO-N'-CARBAMOYLUREA see: EC1925000
1-METHYL-1-NITROSO-3-(p-CHLOROPHENYL)UREA see: YS6480000
METHYLNITROSOCYANAMIDE see: GS6480000
N-METHYL-N-NITROSOCYCLOHEXYLAMINE see: GX1575000
1-METHYL-N-NITROSODIETHYLAMINE see: IA3400000
6-METHYL-2-NITROSODIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE see: JM5665000
N-METHYL-N-NITROSO-ETHAMINE see: KR9200000
N-METHYL-N-NITROSO-ETHENYLAMINE see: YZ0875000
N-METHYL-N-NITROSOETHYLAMINE see: KR9200000
N-METHYL-N-NITROSOETHYLCARBAMATE see: FC6300000
N-METHYL-N-NITROSO-beta-D-GLUCOSAMINE see: LZ8225000
N-METHYL-N-NITROSO-beta-D-GLUCOSYLAMIN (German) see: LZ8225000
N-METHYL-N-NITROSO-beta-D-GLUCOSYLAMINE see: LZ8225000
N-METHYL-N-NITROSOGLYCINE see: VQ3150000
METHYLNITROSO-HARNSTOFF (German) see: YT7875000
N-METHYL-N-NITROSO-HARNSTOFF (German) see: YT7875000
N-METHYL-N-NITROSOHEPTYLAMINE see: MK1260000
N-METHYL-N-NITROSOHEXANAMIDE see: MN8330000
N-METHYL-N-NITROSOLAURYLAMINE see: JR6900000
N-METHYL-N-NITROSOMETHANAMINE see: IQ0525000
4'-METHYL-N-NITROSOMETHANESULFONANILIDE see: PB0956000
4-METHYL-4-N-NITROSOMETHYLAMINO)-2-PENTANONE see: SA9350000
2-METHYL-4-NITROSOMORPHOLINE see: QE6225000
N-METHYL-N-NITROSONITROGUANIDIN (German) see: MF4200000
N-METHYL-N-NITROSO-N'-NITROGUANIDINE see: MF4200000
N-METHYL-N-NITROSOOCTANAMIDE see: RG7960000
2-METHYL-3-NITROSO-1,3-OXAZOLIDINE see: RQ2127000
5-METHYL-3-NITROSO-1,3-OXAZOLIDINE see: RQ2127500
N-METHYL-N-NITROSO-4-OXO-4-(3-PYRIDYL)BUTYL AMINE see: OB6465000
N-METHYL-N-NITROSOPENTYLAMINE see: SC1225000
N-METHYL-N-NITROSOPHENETHYLAMINE see: SI0770000
N-METHYL-N-NITROSO-4-(PHENYLAZO)ANILINE see: BY5850000
METHYL-(4-NITROSOPHENYL)NITROSAMINE see: BX9350000
1-METHYL-1-NITROSO-3-PHENYLUREA see: YT8100000
N'-METHYL-N-NITROSOPIPERAZINE see: TM1780000
1-METHYL-4-NITROSOPIPERAZINE see: TM1780000
2-METHYLNITROSOPIPERIDINE see: TK6026700
3-METHYLNITROSOPIPERIDINE see: TK6026800
4-METHYLNITROSOPIPERIDINE see: TK6026900
N-METHYL-N-NITROSO-1-PROPANAMINE see: UI3850000
METHYLNITROSO-PROPIONAMIDE see: UE4525000
N-METHYL-N-NITROSOPROPIONAMIDE see: UE4525000
METHYL-NITROSOPROPIONSAEUREAMID (German) see: UE4525000
METHYLNITROSOPROPIONYLAMIDE see: UE4525000
N-METHYL-N-NITROSO-1H-PURIN-6-AMINE see: AU6560000
1-METHYL-3-NITROSO-5H-PYRIDO(4,3-b)INDOLE see: UV0360700
N-METHYL-N-NITROSO-4-(2-(4-QUINOLINYL)ETHENYL)BENZENAMINE see: VC1650000
N(sup 6)-METHYL-N(sup 6)-NITROSO-9b-D-RIBOFURANOSYL-9H-PURIN-6-AMINE see: UO7441600
METHYLNITROSO-p-TOLUENESULFONAMIDE see: XT5950000
1-METHYL-1-NITROSO-3-(p-TOLYL)UREA see: YT8205000
N-METHYL-N-NITROSOUNDECYLAMINE see: YQ3158000
METHYLNITROSOUREA see: YT7875000
N-METHYL-N-NITROSOUREA see: YT7875000
1-METHYL-1-NITROSOUREA see: YT7875000
METHYLNITROSOUREE (French) see: YT7875000
D-1-(3-METHYL-3-NITROSOUREIDO)-1-DEOXYGLUCOPYRANOSE see: LZ5773000
METHYLNITROSOURETHAN (German) see: FC6300000
METHYLNITROSOURETHANE see: FC6300000
N-METHYL-N-NITROSO-URETHANE see: FC6300000
N-METHYL-N-NITROSOVINYLAMINE see: YZ0875000
3-METHYL-4-NITRO-N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)PYRAZOLE-5-CARBOXAMIDE see: UQ6374000
O-METHYL NOGALAROL see: KD1146150
7-O-METHYL NOGALAROL see: KD1146150
3-METHYL-2(3)-NONENENITRILE see: RA8565000
METHYL 2-NONENOATE see: RA9470000
METHYL NONYLENATE see: RA9470000
METHYL NONYL KETONE see: YQ2820000
METHYL n-NONYL KETONE see: YQ2820000
METHYL 2-NONYNOATE see: RB3450000
N-METHYLNORAPOMORPHINE HYDROCHLORIDE see: HQ1750000
21-METHYLNORETHISTERONE see: KG8035000
7(R)-O-METHYLNORGAROL see: KD1146400
1-METHYLNORHARMAN see: UV0280000
2-METHYL-19-NOR-8-alpha,17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIOL see: RC8945100
16-beta-METHYL-19-NOR-8-alpha,17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIOL see: RC8945200
2-alpha-METHYL-A-NOR-17-alpha-PREGN-20-YNE-2-beta,17-beta-DIOL see: RC9052000
METHYLNORTESTOSTERONE see: KG8000000
17-METHYL-19-NORTESTOSTERONE see: KG8000000
17-alpha-METHYL-B-NORTESTOSTERONE see: RB5890000
17-alpha-METHYL-19-NORTESTOSTERONE see: KG8000000
N-METHYL-NPZ see: TM1780000
METHYL OCTADECANOATE see: WI4460000
METHYL 9-OCTADECENOATE see: RK0895000
METHYL cis-9-OCTADECENOATE see: RK0895000
METHYL (Z)-9-OCTADECENOATE see: RK0895000
alpha-METHYLOCTANAL see: RG7914000
2-METHYLOCTANAL see: RG7914000
METHYL OCTANOATE and METHYL DECANOATE see: RH0780000
3-METHYL-3-OCTANOL see: RH1405000
3-METHYLOCTAN-3-OL see: RH1405000
3-METHYL-1-OCTEN-OL see: RH3560000
METHYL OCTINE CARBONATE see: RB3450000
METHYL 2-OCTINATE see: RI2735000
METHYL OCTYL ACETALDEHYDE see: HD6320000

METHYLOCTYLDIAZENE 1-OXIDE see: RG8500000
2-METHYL-2-(OCTYLOXY)PROPIONIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: UF6060000
6-METHYL-5-OCTYL-4-PYRIMIDINOL see: UW6950000
METHYL OCTYNE CARBONATE see: RB3450000
METHYL 2-OCTYNOATE see: RI2735000
METHYLOESTRENOLONE see: KG8000000
METHYLOL see: PC1400000
N-METHYLOLACRYLAMIDE see: AS3600000
METHYL OLEATE see: RK0895000
N-METHYL-N-OLEOYLTAURINE SODIUM SALT see: WX0500000
METHYLOL FORMALDEHYDE see: MC2980000
N-METHYLOLPENTAMETHYLMELAMINE see: PC1910000
3-METHYLOLPENTANE see: EL3850000
o-METHYLOLPHENOL see: DO6430000
2-METHYLOLPHENOL see: DO6430000
METHYLOLPROPANE see: EO1400000
2-METHYLOLTETRAHYDRO-1,4-PYRAN see: UQ0175000
METHYLOLUREA RESIN see: YU1610000
(METHYL-ONN-AZOXY)METHANOL, ACETATE (ester) see: PC2800000
(METHYL-ONN-AZOXY)-METHYL-beta-D-GLUCOPYRANOSIDE see: LZ5950000
(METHYL-ONN-AZOXY)METHYL-beta-D-GLUCOPYRANOSIDURONIC ACID see: LZ6502000
METHYL ORANGE see: DB6327000
METHYL ORANGE B see: DB6327000
METHYL ORTHOSILICATE see: VV9800000
METHYL ORTHOSILICATE (DOT) see: VV9800000
2-(3-(5-METHYL-1,3,4-OXADIAZOL-2-YL)-3,3-DIPHENYLPROPYL)-2-AZABICYCLO(2.2.2)OCTANE see: CL5629500
5-METHYL-1,2-OXATHIOLANE 2,2-DIOXIDE see: RP5490000
5-METHYL-1,3-OXATHIOLAN-2-ONE o-((METHYLAMINO)CARBONYL)OXIME see: RP5504000
N-METHYLOXAZEPAM see: DF1225000
1-METHYL-4-(2-(1,3-OXAZINYLIDENEAMINO))INDAZOLE see: NK7952000
1-METHYL-4-(2-OXAZOLIDINYLIDENEAMINO)INDAZOLE see: NK7952500
1-METHYL-4-(2-OXAZOLIDINYLIDENEAMINO)INDOLE see: NM0925000
1-METHYL-7-(2-OXAZOLIDINYLIDENEAMINO)INDOLE see: NM0925050
3-METHYL-2-OXAZOLIDONE see: RQ3550000
1-METHYL-4-(2-OXAZOLINE-2-YLAMINO)-INDAZOLE see: NK7952500
4-METHYL-2-OXETANONE see: RQ8050000
METHYL OXIRANE see: TZ2975000
2-METHYL-5-(OXIRANYLMETHOXY)-1-PHENYL-1H-INDOLE-3-CARBOXYLIC ACID ETHYL ESTER see: NL6012800
(2R-cis)-(3-METHYLOXIRANYL)PHOSPHONIC ACID DISODIUM SALT see: SZ7902000
METHYL OXITOL see: KL5775000
(4-METHYL-2-OXO-2H-1-BENZOPYRAN-7-YL)TRIMETHYLAMMONIUM IODIDE see: BR8085000
(E)-4-(2-METHYL-1-OXO-2-BUTENYL)MORPHOLINE see: QE6239900
METHYL 3-OXOBUTYRATE see: AK5775000
1-METHYL-3-((2-OXOCYCLOHEXYLIDENE)METHYL)PYRIDINIUM IODIDE see: UU6480300
1-METHYL-4-((2-OXOCYCLOHEXYLIDENE)METHYL)PYRIDINIUM IODIDE see: UU6480400
1-METHYL-4-((2-OXOCYCLOHEXYL)METHYL)PYRIDINIUM IODIDE see: UU6482000
1-METHYL-2-OXOCYCLOPENTANECARBONITRILE O-((METHYLAMINO)CARBONYL)OXIME see: GY2510000
1-METHYL-4-((2-OXOCYCLOPENTYL)METHYL)PYRIDINIUM IODIDE see: UU6485000
2-METHYL-1-(1-OXO-2,2-DIPHENYLBUTYL)PYRROLIDINE see: UY1036000
6-METHYL-2-OXO-1,3-DITHIOLO(4,5-b)QUINOXALINE see: FG1400000
2-METHYL-2-(17-OXO-1,3,5(10)-ESTRATRIEN-3-YL)PROPIONIC ACID see: UF6080000
1-METHYL-2-((1-OXO-2-INDANYL)METHYL)PIPERIDINE HYDROIODIDE see: NK7538100
1-METHYL-4-OXONIPECOTIC ACID METHYL ESTER HYDROCHLORIDE see: QU1990000
N-(2-(2-METHYL-4-OXOPENTYL))ACRYLAMIDE see: AS3475000
4-METHYL-1-OXO-1-PHOSPHA-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE see: YK0711700
3-METHYL-4-OXO-5-PIPERIDINO-delta(sup 2,alpha)-THIAZOLIDINEACETIC ACID ETHYL ESTER see: AI9160000
Z-(3-METHYL-4-OXO-5-PIPERIDINO-THIAZOLIDIN-2-YLIDEN)-ESSIGSAEUREAETHYLESTER (German) see: AI9160000
(3-METHYL-4-OXO-5-(1-PIPERIDINYL)-2-THIAZOLIDINYLIDENE)ACETIC ACID ETHYL ESTER see: AI9160000 ACETIC ACID, (3-METHYL-4-OXO-5-PIPERIDINO-2-THIAZOLIDINYLIDENE)-, ETHYL ESTER
METHYL 4-(N-(1-OXOPROPYL)-N-PHENYLAMINO)-1-(2-PHENYLETHYL)-4-PIPERIDINECARBOXYLATE see: TM6406000
METHYL 4-(N-(1-OXOPROPYL)-N-PHENYLAMINO)-1-(2-(2-THIENYL)ETHYL)-4-PIPERIDINECARBOXYLATE see: TM6406500
11-METHYL-1-OXO-1,2,3,4-TETRAHYDROCHRYSENE see: GC2050000
N-METHYL-N-(3-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-2-YL)BENZENESULFONAMIDE see: DB2943000
2-(6-METHYL-4-OXO-3-(THIAZOL-4-YL)-4H-1-BENZOPYRAN-7-YLOXY)ACETIC ACID METHYL ESTER see: AI9182000
2-(6-METHYL-4-OXO-3-(THIAZOL-4-YL)-4H-1-BENZOPYRAN-7-YLOXY)ACETIC ACID ETHYL ESTER see: AI9180000
METHYLOXYAMMONIUM CHLORIDE see: NC3980000
METHYL p-OXYBENZOATE see: DH2450000
4-METHYL-5-OXYMETHYLURACIL see: YR0515000
1-(4-METHYLOXYPHENYL)-3,3-DIMETHYLTRIAZINE see: XY1225000
4-METHYL-6-OXYPYRIMIDIN-2-alpha-THIOISOBUTYRIC ACID see: UV6309000
2-METHYL-3-OXY-gamma-PYRONE see: UQ1050000
METHYLPARABEN see: DH2450000
METHYLPARAFYNOL see: SC4900000
METHYLPARAFYNOL CARBAMATE see: SC5075000
METHYL PARAHYDROXYBENZOATE see: DH2450000
METHYL PARASEPT see: DH2450000
METHYL PARATHION see: TG0175000
METHYL PARATHION, LIQUID (DOT) see: TG0175000
METHYL PARATHION MIXTURE, DRY (DOT) see: TG0245000
METHYL PARATHION MIXTURE, LIQUID (DOT) see: TG0246000
METHYLPARTRICIN see: RW7750000
METHYL PCT see: TD1830000
METHYL PENTACHLOROPHENATE see: BZ8820000
METHYL PENTACHLOROPHENYL ESTER see: BZ8820000
2-((1-METHYLPENTADECYL)AMINO)ETHANOL HYDROCHLORIDE see: KL7374000 ETHANOL, 2-((1-METHYLPENTADECYL)AMINO)-, HYDROCHLORIDE
2,2'-((1-METHYLPENTADECYL)IMINO)BISETHANOL HYDROCHLORIDE see: KL7375000 ETHANOL, 2,2'-((1-METHYLPENTADECYL)IMINO)BIS-, HYDROCHLORIDE
METHYLPENTADIENE (DOT) see: RZ2473000
2-METHYLPENTALDEHYDE see: YV4150000
METHYLPENTANE see: SA2994000
2-METHYLPENTANE see: SA2995000
3-METHYLPENTANE see: SA2995500
3-METHYL PENTANEDIAL see: MA2800000
2-METHYL PENTANE-2,4-DIOL see: SA0810000
2-METHYL-2,4-PENTANEDIOL see: SA0810000
METHYLPENTANE (DOT) see: SA2994000
2-METHYLPENTANE (DOT) see: SA2995000
3-METHYLPENTANE (DOT) see: SA2995500
4-METHYLPENTANENITRILE see: YV8588000
METHYL PENTANOATE see: YV7750500 VALERIC ACID, METHYL ESTER
2-METHYLPENTANOIC ACID see: YV7700000
2-METHYL-2-PENTANOL see: SA7340000
2-METHYL-4-PENTANOL see: SA7350000
3-METHYL-3-PENTANOL see: SA7450000
4-METHYLPENTANOL see: SA7200000
4-METHYLPENTANOL-2 see: SA7350000
4-METHYL-2-PENTANOL see: SA7350000
3-METHYL-PENTANOL-(3) (German) see: SA7450000
4-METHYL-2-PENTANOL, ACETATE see: SA7525000
2-METHYLPENTAN-2-OL (DOT) see: SA7340000
2-METHYL-2-PENTANOL-4-ONE see: SA9100000
4-METHYL-2-PENTANON (Czech) see: SA9275000
4-METHYL-PENTAN-2-ON (Dutch, German) see: SA9275000
2-METHYL-4-PENTANONE see: SA9275000
4-METHYL-2-PENTANONE see: SA9275000
3-METHYL-2-(n-PENTANYL)-2-CYCLOPENTEN-1-ONE see: GY7302000
2-METHYL-2-PENTEN-1-AL see: SB2100000
2-METHYLPENTENE see: SB2230000
2-METHYLPENTENE see: NR2975800
2-METHYL-PENTENE-2 see: SB2240000
2-METHYL-2-PENTENE see: SB2240000
4-METHYLPENTENE see: NR2975800
2-METHYL-2-PENTENE-1-AL see: SB2100000
2-METHYL-2-PENTENE-1-OL see: SB3500000
4-METHYL-3-PENTENE-2-ONE see: SB4200000
2-METHYL-2-PENTEN-1-OL see: SB3500000
3-METHYL-1-PENTEN-3-OL see: SB3495000
3-METHYL-PENTEN-(1)-OL-(3) (German) see: SB3495000
4-METHYL-3-PENTEN-2-ON (Dutch, German) see: SB4200000
2-METHYL-2-PENTEN-4-ONE see: SB4200000
4-METHYL-3-PENTEN-2-ONE see: SB4200000
4-METHYL-3-PENTEN-2-ONE (1-PHTHALAZINYL)HYDRAZONE see: TH8890000
4-(4-METHYL-3-PENTEN-1-YL)-3-CYCLOHEXENE-1-CARBOXALDEHYDE see: GW3350000
3-METHYL-2-(cis-2-PENTEN-1-YL)-2-CYCLOPENTEN-1-ONE see: GY7301000
3-METHYL-2-PENTEN-4-YN-1-OL see: SB4960000
METHYLPENTINOL see: SC4900000
3-METHYLPENTIN-3-OL see: SC4900000
3-METHYL-PENTIN-(1)-OL-(3) (German) see: SC5075000
2-METHYLPENTYL ACETATE see: AI9300000
4-METHYL-2-PENTYL ACETATE see: SA7525000
DL-alpha-(1-(METHYLPENTYLAMINO)ETHYL)BENZYL ALCOHOL HYDROCHLORIDE see: DP0610000
2-METHYL-2-(PENTYLAMINO)-1-PROPANOL BENZOATE HYDROCHLORIDE see: UB8601500
2-METHYLPENTYL CELLOSOLVE see: KL7640000
METHYL N-(beta-PENTYLCINNAMYLIDENE)ANTHRANILATE see: CB2557000
2-METHYL-2,3-PENTYLENE OXIDE see: SA2710000
(+)-3-METHYL-2-(PENTYLIDENECYCLOPROPYL)-4(1H)-QUINOLINONE see: VC8298500
METHYL-N-PENTYLNITROSAMINE see: SC1225000
N-METHYL-m-(PENTYLOXY)CARBANILIC ACID 2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE see: FD9740500
2-((2-METHYLPENTYL)OXY)ETHANOL see: KL7640000
2-(2-((2-METHYLPENTYL)OXY)ETHOXY)ETHANOL see: KL7875000
5-METHYL-2-PENTYLPHENOL see: GP3100000
6-METHYL-5-PENTYL-4-PYRIMIDINOL see: UW6960000
1-METHYL-4-(PENTYLSULFONYL)-4-PHENYLPIPERIDINE HYDROCHLORIDE see: TN1297500
METHYLPENTYNOL see: SC4900000
3-METHYLPENT-1-YN-3-OL see: SC4900000
3-METHYL-1-PENTYN-3-OL see: SC4900000
METHYLPENTYNOL CARBAMATE see: SC5075000
3-METHYL-1-PENTYN-3-OL CARBAMATE see: SC5075000
METHYLPENTYNOLUM see: SC4900000
3-METHYL-1-PENTYN-3-YL PIPERIDINEACETATE see: TM3559000
3-METHYL-1-PENTYN-3-YL PIPERIDINEACETATE HYDROCHLORIDE see: TM3562000
METHYL PERFLUOROMETHACRYLATE see: AS8575000
METHYLPERONE HYDROCHLORIDE see: EU4025000
9-METHYL-PGA see: MA0602000
15-METHYL-PGD2 see: UK7894900
15-METHYL-delta(sup 9)-PGD2 see: UK8355000
(15S)-15-METHYL-PGD2 see: UK7894900
15(S)-15-METHYL-PGE2 see: UK7896000
15-METHYL-PGE2 METHYL ESTER see: MJ9675500
(15S)-15-METHYL-PGE2 METHYL ESTER see: MJ9675500
METHYL-PGF2-alpha see: UK8021000
15(S)-15-METHYL PGF2-alpha see: UK8021000
(15S)-15-METHYL-PGF2-alpha 1,9-LACTONE see: UK8011100
(15S)-15-METHYL-PGF2-alpha 1,11-LACTONE see: UK8011000
(15S)-15-METHYL-PGF2-alpha 1,15-LACTONE see: UK8022000
15-METHYL-PGF2-alpha METHYL ESTER see: MJ9654500
15(S)15-METHYL-PGF2-alpha METHYL ESTER see: MJ9654500
15(S)15-METHYL PGF2-alpha TROMETHAMINE SALT see: UK8026000
1-METHYLPHENANTHRENE see: SF7810000
9-METHYLPHENANTHRENE see: SF7816000
2-METHYLPHENANTHRO(2,1-d)THIAZOLE see: SF8575000
METHYLPHENAZONIUM METHOSULFATE see: SP0175000
METHYL PHENCAPTON see: TD6125000
2-METHYLPHENELZINE see: MV7361000
alpha-METHYL-PHENETHYL ALCOHOL see: SG8589500
beta-METHYLPHENETHYL ALCOHOL see: SG8590000
alpha-METHYLPHENETHYLAMINE see: SH9000000
(+-)-alpha-METHYLPHENETHYLAMINE see: SH9450000
dl-alpha-METHYLPHENETHYLAMINE see: SH9450000
alpha-METHYLPHENETHYLAMINE, d-FORM see: SH9100000
alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SH9798000
beta-METHYLPHENETHYLAMINE HYDROCHLORIDE see: SH9799000
dl-alpha-METHYL-PHENETHYLAMINE HYDROCHLORIDE see: SH9798450
N-METHYL PHENETHYLAMINE, HYDROCHLORIDE see: SH9800000
alpha-METHYLPHENETHYLAMINE PHOSPHATE, dl-MIXTURE see: SI0875000
(+)-alpha-METHYLPHENETHYLAMINE SULFATE (2:1) see: SI1400000
alpha-METHYLPHENETHYLAMINE SULFATE, (+-)- see: SI1750000
alpha-METHYLPHENETHYLAMINE SULFATE, d-form see: SI1400000
d-alpha-METHYLPHENETHYLAMINE SULFATE see: SI1400000
dextro-alpha-METHYLPHENETHYLAMINE SULFATE see: SI1400000
(+)-alpha-METHYLPHENETHYLAMINE TARTRATE (1:1) see: SI1770000
2-(alpha-METHYLPHENETHYL)AMINOETHANOL see: KL7950000
2-(METHYLPHENETHYLAMINO)ETHANOL CARBANILATE HYDROCHLORIDE see: KL7960000
N-(2-(METHYLPHENETHYLAMINO)PROPYL)CARBANILIC ACID ETHYL ESTER see: FD9744000 CARBANILICACID, N-(2-(METHYLPHENETHYLAMINO)PROPYL)-, ETHYL ESTER

N-(2-(METHYLPHENETHYLAMINO)PROPYL)ETHANESULFONANILIDE see: KI7341000 ETHANESULFONANILIDE, N(2-(METHYLPHENETHYLAMINO)PROPYL)-
N-(2-(METHYLPHENETHYLAMINO)PROPYL)PROPIONANILIDE see: UE5296000 PROPIONANILIDE, N-(2-(METHYLPHENETHYLAMINO)PROPYL)-
N-(2-(N-METHYLPHENETHYLAMINO)PROPYL)-N-(2-THIENYL)PROPIONAMIDE OXALATE see: UE4525200
(beta-METHYLPHENETHYL)CARBAMIC ACID 2-HYDROXYETHYL ESTER see: FC6680000
METHYL PHENETHYL ETHER see: KO2230000
METHYL 2-PHENETHYL ETHER see: KO2230000
N-(alpha-METHYLPHENETHYL)FURFURYLAMINE ACETATE see: LU9803000
(-)-N-(alpha-METHYLPHENETHYL)FURFURYLAMINE HYDROCHLORIDE see: LU9805000
(alpha-METHYLPHENETHYL)HYDRAZINE see: MV7350000
(o-METHYLPHENETHYL)HYDRAZINE see: MV7361000
METHYL PHENETHYL KETONE see: EL9600000
L-N-(alpha-METHYLPHENETHYL)-3-PHENYLALANINAMIDE see: AY2976000
2-(alpha-METHYLPHENETHYL)-3-PHENYLBICARBAMIMIDE see: DT4394200
N-(alpha-METHYLPHENETHYL)-2-PHENYLGLYCINONITRILE see: AM1050000
3-METHYL-1-PHENETHYL-4-PHENYL-4-PIPERIDINOL PROPIONATE HYDROCHLORIDE see: TN7748000 4-PIPERIDINOL, 3-METHYL-1-PHENETHYL-4-PHENYL-, PROPIONATE, HYDROCHLORIDE
N-(alpha-METHYLPHENETHYL)PHOSPHORAMIDIC ACID DIPHENYL ESTER see: TB3962500
(+)-cis-N-(3-METHYL-1-PHENETHYL-4-PIPERIDYL)PROPIONANILIDE see: UE5297500
7-METHYL-3-PHENETHYL-6-(1-PYRROLIDINYL)-3-AZABICYCLO(3.3.1)NONAN-9-OL see: CL5591400
2-METHYL-3-PHENETHYL-4(3H)-QUINAZOLINONE see: VA3826500
N-(beta-METHYLPHENETHYL)SUCCINAMIC ACID SODIUM SALT see: WM3802000
(+)-N-(alpha-METHYLPHENETHYL)TETRAHYDROFURFURYLAMINE HYDROCHLORIDE see: LV0292000
(+)-N-(alpha-METHYLPHENETHYL)-2-THENYLAMINE ACETATE see: XH1426000
(+)-N-(alpha-METHYLPHENETHYL)-3-THENYLAMINE CYCLOHEXANESULFAMATE see: XH1426500
D-1-(alpha-METHYLPHENETHYL)UREA see: YT8403000
METHYLPHENIDAN see: TM3675000
METHYL PHENIDATE see: TM3675000
METHYLPHENIDATE HYDROCHLORIDE see: TM3850000
METHYL PHENIDYL ACETATE see: TM3675000
METHYLPHENIDYLACETATE HYDROCHLORIDE see: TM3850000
METHYLPHENOBARBITONE and DIPHENYLHYDANTOIN (2:1) see: MU1170000
METHYLPHENOBARBITONE and PHENYTOIN (2:1) see: MU1170000
m-METHYLPHENOL see: GO6125000
o-METHYLPHENOL see: GO6300000
p-METHYLPHENOL see: GO6475000
2-METHYLPHENOL see: GO6300000
3-METHYLPHENOL see: GO6125000
4-METHYLPHENOL see: GO6475000
METHYLPHENOL mixt. with FORMALDEHYDE see: LP9630000
4-METHYLPHENOL METHYL ETHER see: BZ8780000
10-METHYLPHENOTHIAZINE-2-ACETIC ACID see: SN5100000
10-METHYLPHENOTHIAZINE-3-ACRYLIC ACID 1,4-PIPERAZINYLENEDIETHYLENE ESTER see: SN5300000
N-METHYL-3-PHENOTHIAZINYLACETIC ACID see: SN5100000
(10-METHYL-2-PHENOTHIAZINYL)ACETIC ACID see: SN5100000
2-(2-(4-(2-METHYL-3-PHENOTHIAZIN-10-YLPROPYL)-1-PIPERAZINYL)ETHOXY)ETHANOL see: KL8000000
2-(2-(4-(2-METHYL-3-PHENOTHIAZIN-10-YLPROPYL)-1-PIPERAZINYL)ETHOXY)ETHANOL DIHYDROCHLORIDE see: KL8050000
(+ -)-alpha-METHYL-3-PHENOXYBENZENEACETIC ACID CALCIUM SALT DIHYDRATE see: CY1678900
5-(2-(2-METHYLPHENOXY)ETHYL)-1H-TETRAZOLE see: XF7472600
5-(2-(4-METHYLPHENOXY)ETHYL)-1H-TETRAZOLE see: XF7472650
1-(3-METHYLPHENOXY)-3-((2-(m-NITROANILINO)ETHYL)AMINO)-2-PROPANOL HYDROCHLORIDE see: UB8608000
1-(2-METHYLPHENOXY)-3-(3-PIPERIDINO)-2-PROPANOL HYDROCHLORIDE see: UB8610000
3-(2-METHYLPHENOXY)-1,2-PROPANEDIOL see: TZ1225000
3-(2-METHYLPHENOXY)-1,2-PROPANEDIOL 1-CARBAMATE see: FB2710000
alpha-METHYLPHENSUXIMIDE see: WN2625000
p-METHYLPHENYL ACETATE see: AJ7570000
4-METHYLPHENYL ACETATE see: AJ7570000
alpha-METHYL PHENYLACETALDEHYDE see: CY1460000
3-METHYL-2-(2-(N-PHENYLACETAMIDO)-VINYL)-THIAZOLINIUM IODIDE see: XJ7012500
METHYL PHENYLACETATE see: AJ3175000
p-METHYLPHENYLACETIC ACID see: AJ7569000
(4-METHYLPHENYL)ACETIC ACID see: AJ7569000
METHYL(2-PHENYLAETHYL)NITROSAMIN (German) see: SI0770000
METHYLPHENYLAMINE see: BY4550000
N-METHYLPHENYLAMINE see: BY4550000
2-(((3-METHYLPHENYL)AMINO)CARBONYL)BENZOIC ACID see: TH8500000
(2-(N-METHYL-N-PHENYLAMINO)ETHYL)GUANIDINE HEMISULFATE see: MF3685300 GUANIDINE, (2-(N-METHYLANILINO)ETHYL)-, SULFATE (2:1)
1-(2-(METHYLPHENYLAMINO)ETHYL)-3-METHYL-4-PHENYL-4-PROPIONYLOXYPIPERIDINE DIHYDROCHLORIDE see: TN7747000 4-PIPERIDINOL, 3-METHYL-1-(2-(N-METHYLANILINO)ETHYL)-4-PHENYL-, PROPIONATE,DIHYDROCHLORIDE
2-METHYL-4-PHENYLANILINE see: DU9800000
METHYLPHENYLARSINIC ACID see: CH7940000
METHYLPHENYLARSONIC ACID see: CH7940000
3-METHYL-3-PHENYL-2-AZETIDINONE see: CM4557000
(R*,R*)-1-METHYL-alpha-PHENYL-2-AZIRIDINEMETHANOL see: CM7970000
(R*,S*)-1-METHYL-alpha-PHENYL-2-AZIRIDINEMETHANOL see: CM7970010
N-METHYL-p-(PHENYLAZO)ANILINE see: BY5950000
N-METHYL-4-(PHENYLAZO)-o-ANISIDINE see: BZ7000000
1-(2-METHYLPHENYL)AZO-2-NAPHTHALENAMINE see: QM5400000
1-((2-METHYLPHENYL)AZO)-2-NAPHTHALENAMINE see: QM5400000
1-((2-METHYLPHENYL)AZO)-2-NAPHTHALENOL see: QL5425000
1-(2-METHYLPHENYL)AZO-2-NAPHTHYLAMINE see: QM5400000
N-METHYL-N-(p-(PHENYLAZO)PHENYL)HYDROXYLAMINE see: NC4010000
5-METHYL-7-PHENYL-1:2-BENZACRIDINE see: CU4100000
7-METHYL-9-PHENYLBENZ(c)ACRIDINE see: CU4100000
alpha-METHYL-alpha-PHENYLBENZENEACETIC ACID 2-(DIETHYLAMINO)ETHYL ESTER see: UF2032500
cis-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID see: DF3516500
trans-4-METHYL-4-PHENYL-1,3-BENZODIOXAN-2-CARBOXYLIC ACID see: DF3515500
2-METHYL-4-PHENYL-2-BUTANOL see: EL5785000
3-METHYL-4-PHENYL-2(or 3)-BUTENOIC ACID see: EM9257000
3-METHYL-4-PHENYL-3-BUTENOIC ACID see: EM9257000
2-METHYL-4-PHENYL-2-BUTYL ACETATE see: AH1847000
N-METHYL-omega-PHENYL-t-BUTYLAMINE see: SI3675000
2-METHYL-2-PHENYLBUTYRIC ACID see: ET5750000
2-METHYL-4-PHENYL-BUTYRIC ACID see: ET5750050
3-METHYL-2-PHENYL-BUTYRIC ACID see: ET5750060
3-METHYL-4-PHENYL-BUTYRIC ACID see: ET5750070
3-METHYLPHENYL CARBAMATE see: FD1592000
(3-METHYLPHENYL)CARBAMIC ACID 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER HYDROCHLORIDE see: FC6770000
3-(METHYLPHENYL)CARBAMIC ACID 3-((METHOXYCARBONYL)AMINO)PHENYL ESTER see: FD9050000
2-METHYL-2-PHENYL-4-CARBAMOYLOXYMETHYL-1,3-DIOXOLAN (German) see: JI2700000
N-METHYL-4-PHENYL-4-CARBETHOXYPIPERIDINE see: NS5775000
N-METHYL-4-PHENYL-4-CARBETHOXYPIPERIDINE HYDROCHLORIDE see: NS5950000
METHYLPHENYLCARBINOL see: DO9275000
METHYLPHENYLCARBINYL PROPIONATE see: DP0620000
1-METHYL-4-PHENYL-4-CARBOETHOXYPIPERIDINE HYDROCHLORIDE see: NS5950000
1-METHYL-5-PHENYL-7-CHLORO-1,3-DIHYDRO-2H-1,4-BENZODIAZEPIN-2-ONE see: DF1575000
1-METHYL-3-PHENYL-5-CHLOROIMIDAZO(4,5-b)PYRIDIN-2-ONE see: NJ5830930
1-METHYL-3-PHENYL-5-CHLOROIMIDAZO(4,5-b)PYRIDINE-2-THIONE see: NJ5820000
3-METHYL-2-PHENYL-CROTONIC ACID see: GQ5785000
trans-alpha-METHYL-4-PHENYLCYCLOHEXANEMETHYLAMINE see: GV6340000
1-METHYL-4-(1-PHENYLCYCLOHEXYLCARBONYL)PIPERAZINE HYDROCHLORIDE see: TM1783000
4-METHYL-1-(1-PHENYLCYCLOHEXYL)PIPERIDINE HYDROCHLORIDE see: TN1301500
1-METHYL-1-(1-PHENYLCYCLOHEXYL)PIPERIDINIUM, IODIDE see: TN5953300
METHYLPHENYLDICHLOROSILANE (DOT) see: VV3530000
1-(m-METHYLPHENYL)-2,3-DIMETHYLTHIOUREA see: YT0200000
1-(o-METHYLPHENYL)-3,3-DIMETHYL-TRIAZEN (German) see: XY1350000
1-(m-METHYLPHENYL)-3,3-DIMETHYL-TRIAZENE see: XY1300000
1-(o-METHYLPHENYL)-3,3-DIMETHYL-TRIAZENE see: XY1350000
1-(2-METHYLPHENYL)-3,3-DIMETHYLTRIAZENE see: XY1350000
1-(3-METHYLPHENYL)-3,3-DIMETHYLTRIAZENE see: XY1300000
2-METHYL-2-PHENYL-1,3-DIOXOLANE-4-METHANOL CARBAMATE see: JI2700000
METHYL PHENYLDITHIOCARBAMATE see: FD8892250
1-METHYL-2-PHENYL-3-DODECYLBENZIMIDAZOLINIUM FERROCYANIDE see: DE2275000
1-METHYL-2-PHENYL-3-m-DODECYLBENZIMIDAZOLIUM HEXACYANOFERRATE see: DE2275000
METHYLPHENYLENEDIAMINE see: XS9445000
2-METHYL-p-PHENYLENEDIAMINE see: XS9700000
4-METHYL-m-PHENYLENEDIAMINE see: XS9625000
4-METHYL-PHENYLENE DIISOCYANATE see: CZ6300000
METHYLPHENYLENE ISOCYANATE see: NQ9490000
4-METHYL-PHENYLENE ISOCYANATE see: CZ6300000
2-METHYL-meta-PHENYLENE ISOCYANATE see: CZ6310000
1-(4-(METHYLPHENYL)ETHANOL see: DO4565000
1-(p-METHYLPHENYL)ETHANOL see: DO4565000
METHYL PHENYL ETHER see: BZ8050000
alpha-METHYL-beta-PHENYLETHYL ACETATE see: AI9316000
beta-METHYLPHENYLETHYL ACETATE see: SG8600000
alpha-METHYL PHENYLETHYL ALCOHOL see: SG8590000
METHYL(2-PHENYLETHYL)ARSINIC ACID see: CH7925000
4-(1-METHYL-1-PHENYLETHYL)-2,6-BIS-(1-PIPERIDINYLMETHYL)PHENOL DIHYDROBROMIDE see: SJ7800000
as-METHYLPHENYLETHYLENE see: WL5075300
METHYL PHENYLETHYL ETHER see: KO2230000
3-METHYL-5,5-PHENYLETHYLHYDANTOIN see: MU2275000
(1-METHYL-2-PHENYLETHYL)-HYDRAZINIUM CHLORIDE see: MV7400000
3-((alpha-METHYL-beta-PHENYL)ETHYLIMINOMETHYL)-1,4-DIMETHYLCARBAZOLE see: DA0281700BENZENEETHANAMINE, N-((1,4-DIMETHYL-9H-CARBAZOL-3-YL)METHYLENE)-alpha-METHYL-
METHYL 2-PHENYLETHYL KETONE see: EL9600000
METHYL-PHENYLETHYL-NITROSAMINE see: SI0770000
N-(1-METHYL-2-PHENYLETHYL)-gamma-PHENYLBENENEPROPANAMINE see: SH6480000
METHYL 1-PHENYLETHYL-4-(N-PHENYLPROPIONAMIDO)ISONIPECOTATE see: TM6106000
O-METHYL S-PHENYL ETHYLPHOSPHONODITHIOATE see: TA6700000
(+)-cis-N-(3-METHYL-1-(2-PHENYLETHYL)-4-PIPERIDINYL)-N-PHENYLPROPANAMIDE see: UE5297500
2,2'-((METHYLPHENYLGERMYLENE)DITHIO)BIS(ETHYLAMINE) see: KR9255000 ETHYLAMINE, 2,2'-((METHYLPHENYLGERMYLENE)DITHIO)BIS-
2,2'-((METHYLPHENYLGERMYLENE)DITHIO)BIS(1-PROPYLAMINE) see: UI3990000 1-PROPYLAMINE, 2,2'-((METHYLPHENYLGERMYLENE)DITHIO)BIS-
3-METHYL-3-PHENYLGLYCIDIC ACID ETHYL ESTER see: MW5250000
METHYLPHENYL GLYCIDYL ETHER see: TZ3701000
1-(3-METHYLPHENYL)-4-GUANYLPIPERAZINE HEMISULFATE see: TL1288800
trans-4-METHYL-8a-PHENYLHEXAHYDRO-2H-1,4-BENZOXAZIN-3(4H)-ONE see: DM3858000
p-METHYLPHENYLHYDRAZINE see: MW0194000
(4-METHYLPHENYL)HYDRAZINE see: MW0194000
4-METHYLPHENYLHYDRAZINE HYDROCHLORIDE see: MW0195000
N-(p-METHYLPHENYL)HYDROXYLAMINE see: NC5480000
N-(4-METHYLPHENYL)HYDROXYLAMINE see: NC5480000
4-METHYLPHENYLHYDROXYLAMINE see: NC5480000
N-METHYL PHENYLHYDROXYMETHYL-2 AZIRIDINE R*,R*- (French) see: CM7970000
N-METHYL PHENYLHYDROXYMETHYL-2 AZIRIDINE R*,S*- (French) see: CM7970010
3-METHYL-2-PHENYLIMIDAZO(2,1-a)ISOQUINOLINE see: NI3027000
1-METHYL-3-((1-PHENYLIMIDAZOL-2-YLTHIO)ACETYL)UREA see: YT8605000
1-METHYL-7-PHENYL-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE see: NJ5097200
1-METHYL-3-PHENYLIMIDAZO(4,5-c)PYRIDIN-2-ONE see: NJ5831600
1-METHYL-3-PHENYL-1H-IMIDAZO(4,5-c)PYRIDIN-2(3H)-ONE see: NJ5831600
3-METHYL-6-PHENYL-1-INDANONE see: NK7537800
1-METHYL-4-PHENYLISONIPECOTIC ACID, ETHYL ESTER see: NS5775000
1-METHYL-4-PHENYLISONIPECOTIC ACID ETHYL ESTER HYDROCHLORIDE see: NS5950000
N-METHYL-beta-PHENYLISOPROPYLAMIN (German) see: SH4900000
N-METHYL-beta-PHENYLISOPROPYLAMINE see: SH4900000
d-N-METHYL-beta-PHENYLISOPROPYLAMINE HYDROCHLORIDE see: SH5425000
dl-N-METHYL-beta-PHENYLISOPROPYLAMINE HYDROCHLORIDE see: SH5450000
l-N-METHYL-beta-PHENYLISOPROPYLAMINE HYDROCHLORIDE see: SH5250000
N-METHYL-beta-PHENYLISOPROPYLAMINHYDROCHLORID (German) see: SH5075000
5-METHYL-3-PHENYL-4-ISOXAZOLYL PENICILLIN, SODIUM see: XH9100000
METHYL PHENYL KETONE see: AM5250000
3-METHYLPHENYL N-METHYLCARBAMATE see: FC8050000
3-METHYLPHENYL N-METHYL-N-NITROSOCARBAMATE see: FC6630000
O-METHYL S-PHENYL METHYLPHOSPHONODITHIOATE see: TA7830000
4-METHYL-alpha-(PHENYLMETHYL)-alpha-2-THIENYL-1-PIPERIDINEBUTANENITRILE see: TM5695000
3-METHYL-2-PHENYLMORPHOLINE HYDROCHLORIDE see: QE6650000
4-(4-(3-METHYL-2-PHENYLMORPHOLINO)METHYL)ANTIPYRINE GENTISATE see: CD2996100
1-METHYL-5-PHENYL-7-NITRO-1,3-DIHYDRO-2H-1,4-BENZODIAZEPIN-2-ONE see: DF2410000
METHYLPHENYLNITROSAMINE see: BY5775000
3-METHYLPHENYL N-NITROSO-N-METHYLCARBAMATE see: FC6630000
METHYLPHENYLNITROSOUREA see: YT8100000
trans-4-METHYL-8a-PHENYLOCTAHYDRO-2H-1,4-BENZOXAZINE see: DM3160000
o-METHYLPHENYLOL see: GO6300000
1-METHYL-3-(5-PHENYL-1,3,4-OXADIAZOL-2-YLIMINO)INDOLIN-2-ONE see: NM2209000
5-METHYL-3-(5-PHENYL-1,3,4-OXADIAZOL-2-YLIMINO)-2-INDOLINONE see: NM2209300
2-METHYL-2-PHENYL-1,3-OXATHIOLANE-5-METHANOL CARBAMATE see: RP5464500
alpha-METHYL-beta-PHENYL-PHENETHYLAMINE see: SI0787000
N-METHYL-alpha-PHENYLPHENETHYLAMINE HYDROCHLORIDE see: SI0800000
1-METHYL-4-(alpha-PHENYLPHENETHYL)PIPERAZINE DIHYDROCHLORIDE see: TM1788000
1-METHYL-2-PHENYL-3-((4-PHENYL-1-PIPERAZINYL)METHYL)INDOLIZINE see: NM2292000 INDOLIZINE, 1METHYL-2-PHENYL-3-((4-PHENYL-1-PIPERAZINYL)METHYL)-
3-METHYL-2-PHENYL-1-((4-PHENYL-1-PIPERAZINYL)METHYL)INDOLIZINE see: NM2293000 INDOLIZINE, 3METHYL-2-PHENYL-1-((4-PHENYL-1-PIPERAZINYL)METHYL)-

p-METHYLPHENYLPHOSPHONIC ACID see: TA0470000
4-METHYLPHENYLPHOSPHONIC ACID see: TA0470000
4-METHYL-alpha-PHENYL-1-PIPERAZINEETHANOL BENZOATE (ester) DIHYDROCHLORIDE see: TL9370000
4-METHYL-alpha-PHENYL-1-PIPERAZINEETHANOL o-ETHOXYBENZOATE (ester) DIHYDROCHLORIDE see: TL9374000
4-METHYL-alpha-PHENYL-1-PIPERAZINEETHANOL o-METHOXYBENZOATE (ester) DIHYDROCHLORIDE see: TL9376000
2-METHYL-3-(2-(4-PHENYL-1-PIPERAZINYL)ETHYL)INDOLE see: NM0935000
2-METHYL-3-(2-(4-PHENYL-1-PIPERAZINYL)ETHYL)-1H-INDOLE see: NM0935000
1-METHYL-4-PHENYL-PIPERIDIN-4-CARBON-SAEURE-AETHYLESTER-HYDROCHLORID (German) see: NS5775000
METHYL alpha-PHENYL-2-PIPERIDINEACETATE HYDROCHLORIDE see: TM3850000
1-METHYL-4-PHENYLPIPERIDINE-4-CARBOXYLIC ACID ETHYL ESTER see: NS5775000
DL-beta-METHYL-alpha-PHENYL-1-PIPERIDINEETHANOL HYDROCHLORIDE see: TM9315000
1-METHYL-4-PHENYLPIPERIDINE METHIODIDE see: TN4974000
beta-METHYL-alpha-PHENYL-1-PIPERIDINEPROPANOL CARBANILATE HYDROCHLORIDE, alpha- see: TN3530000
beta-METHYL-alpha-PHENYL-1-PIPERIDINEPROPANOL CARBANILATE HYDROCHLORIDE, beta- see: TN3531000
METHYL alpha-PHENYL-alpha-(2-PIPERIDYL)ACETATE see: TM3675000
2-METHYL-2-PHENYLPROPANE see: CY9120000
2-METHYL-3-PHENYL-2-PROPENAL see: GD6600000
METHYL 3-PHENYLPROPENOATE see: GE0190000
2-(p-METHYLPHENYL)PROPIONALDEHYDE see: UE2700000
2-METHYL-2-PHENYLPROPIONAMIDE see: MU6490000
N-METHYL-2-PHENYLPROPYLAMINE see: SH4935000
2-(METHYL(3-PHENYLPROPYL)AMINO)ETHANOL CARBANILATE HYDROCHLORIDE see: KL8068000
d-N-METHYL N-(PHENYL-1 PROPYL-2) FURFURYLAMINE (French) see: LU9775000
1-(2-METHYL-1-PHENYLPROPYL)PIPERIDINE HYDROCHLORIDE see: TN0404800
1-METHYL-4-PHENYL-4-(PROPYLSULFONYL)PIPERIDINE HYDROCHLORIDE see: TN1303500
2-METHYL-6-PHENYL-4H-PYRAN-4-ONE see: UQ1280000
3-METHYL-1-PHENYL-2-PYRAZOLIN-5-ONE see: UQ9625000
3-METHYL-1-PHENYL-5-PYRAZOLONE see: UQ9625000
4-METHYL-2-PHENYL-PYRAZOLO(1,5-a)PYRIMIDIN-7(4H)-ONE see: UR0807000
3-METHYL-1-PHENYLPYRAZOL-5-YL DIMETHYL CARBAMATE see: FA2450000
3-METHYL-1-PHENYL-5-PYRAZOLYL DIMETHYL CARBAMATE see: FA2450000
5-METHYL-6-PHENYL-2-PYRIMIDINETHIOL see: UW0519500
5-METHYL-6-PHENYL-2-PYRIMIDINOL see: UW6970000
2-METHYL-6-PHENYL-gamma-PYRONE see: UQ1280000
1-METHYL-3-PHENYLPYRROLIDIN-2,5-DIONE see: WN3325000
1-(5-METHYL-4-PHENYL-1-PYRROLIN-2-YL)PIPERIDINE see: TN1303600
1-(p-METHYLPHENYL)-2-PYRROLIDYL-1-PENTANONE HYDROCHLORIDE see: YV9100000
2-METHYL-3-PHENYL-4(3H)-QUINAZOLINONE see: VA3826700
METHYLPHENYLSUCCINIMIDE see: WN3325000
N-METHYL-2-PHENYL-SUCCINIMIDE see: WN3325000
N-METHYL-alpha-PHENYLSUCCINIMIDE see: WN3325000
METHYL 5-(PHENYLSULFINYL)-2-BENZIMIDAZOLECARBAMATE see: FD0808000
METHYL (5-PHENYLSULFINYL)-1H-BENZIMIDAZOL-2-YL CARBAMATE see: FD0808000
3-METHYL-1-PHENYL-3-(2-SULFOETHYL)TRIAZENE SODIUM SALT see: XY2785000
p-METHYLPHENYLSULFONIC ACID see: XT6300000
p-METHYLPHENYLSULFONYL FLUORIDE see: XT8050000
4-METHYL-3-PHENYLSYDNONE see: WU7690400
5-METHYL-1-PHENYL-3,4,5,6-TETRAHYDRO-1H-2,5-BENZOXAZOCINE HYDROCHLORIDE see: DM4200000
3-METHYL-2-PHENYLTETRAHYDRO-2H-1,4-OXAZINE HYDROCHLORIDE see: QE6650000
1-METHYL-4-PHENYL-1,2,5,6-TETRAHYDROPYRIDINE HYDROCHLORIDE see: UT8359000
2-METHYL-2-PHENYL-1-THIA-3-AZA-2-SILACYCLOPENTANE see: XI0640000
2-METHYL-2-PHENYL-1,3,2-THIAZAGERMOLIDINE see: XJ0418000
2-METHYL-4-PHENYL-5-THIAZOLEACETIC ACID see: XJ1922000
4-METHYL-2-PHENYL-5-THIAZOLEACETIC ACID see: XJ1922500
2-METHYL-2-PHENYLTHIAZOLIDINE see: XJ6061100
N-METHYL-N'-(4'-PHENYL-THIAZOLYL(2'))-HARNSTOFF (German) see: YT8610000
1-METHYL-3-(4-PHENYL-2-THIAZOLYL)UREA see: YT8610000
N-METHYL-N'-(4'-PHENYL-THIAZOLYL(2'))-UREA see: YT8610000
N-METHYL-N'-PHENYL THIOUREA see: YT8750000
1-(1-METHYL-2-((alpha-PHENYL-o-TOLYL)OXY)ETHYL)PIPERIDINE PHOSPHATE see: TN1304400
3-METHYL-1-PHENYLTRIAZENE see: XY2784000
6-METHYL-5-PHENYL-as-TRIAZINE-3-THIOL see: XZ0983000
(15S)-15-METHYL-17-PHENYL-18,19,20-TRINOR-PGF2-alpha 1,9-LACTONE see: GY8423000
(15S)-15-METHYL-17-PHENYL-18,19,20-TRINOR-PROSTAGLANDIN F2-alpha 1,9-LACTONE see: GY8423000
3-METHYL-2-PHENYLVALERIC ACID 2-DIETHYLAMINOETHYL ESTER METHYL BROMIDE see: BP7600000
3-METHYL-2-PHENYLVALERIC ACID DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE ESTER see: BP7600000
METHYL PHOSPHATE see: TC8225000
METHYL PHOSPHITE see: TH1400000
METHYLPHOSPHONIC ACID ISOPROPYL ESTER SODIUM SALT see: SZ9204000
METHYLPHOSPHONIC DIFLUORIDE see: TA1840700
METHYLPHOSPHONOFLUORIDIC ACID see: TA8200000 PHOSPHONOFLUORIDIC ACID, METHYL-
METHYLPHOSPHONOFLUORIDIC ACID, 3,3-DIMETHYL-2-BUTYL ESTER see: TA8750000
METHYLPHOSPHONOFLUORIDIC ACID ISOPROPYL ESTER see: TA8400000
METHYLPHOSPHONOFLUORIDIC ACID 1-METHYLETHYL ESTER see: TA8400000
METHYLPHOSPHONOFLUORIDIC ACID 1,2,2-TRIMETHYLPROPYL ESTER see: TA8750000
METHYLPHOSPHONOTHIOIC ACID S-(2-(BIS(METHYLETHYL)AMINO)ETHYL) O-ETHYL ESTER see: TB1090000
METHYL PHOSPHONOTHIOIC DICHLORIDE, anhydrous (DOT) see: TB2100000
METHYLPHOSPHONOUS DICHLORIDE see: TB2475000
METHYL PHOSPHONOUS DICHLORIDE (DOT) see: TB2475000
METHYLPHOSPHONYLDIFLUORIDE see: TA1840700
METHYLPHOSPHORAMIDIC ACID, 4-t-BUTYL-2-CHLOROPHENYL METHYL ESTER see: TB3850000
METHYL PHOSPHOROTHIOATE, see: TG3850000
METHYLPHOSPHOROTHIOATE((MeO)2(MeS)PO) see: TG3880000
3'-METHYLPHTHALANILIC ACID see: TH8500000
METHYL PHTHALATE see: TI1575000
METHYL 4-PHTHALIMIDO-DL-GLUTARAMATE see: MA2910000
METHYL PHTHALYL ETHYL GLYCOLATE see: TI2625000
METHYL PINACOLYLOXY PHOSPHORYLFLUORIDE see: TA8750000
METHYL PINACOLYL PHOSPHONOFLUORIDATE see: TA8750000
1-METHYL-2',6'-PIPECOLOXYLIDIDE HYDROCHLORIDE see: TK6475000
dl-1-METHYL-2',6'-PIPECOLOXYLIDIDE HYDROCHLORIDE see: TK6475000
N-METHYLPIPERAZINE see: TM1225000
1-METHYLPIPERAZINE see: TM1225000
4-METHYL-1-PIPERAZINEACETIC ACID cis-(5,7-DICHLORO-2-OXO-3-INDOLINYLIDENE)HYDRAZIDE see: TK7903700
4-METHYL-1-PIPERAZINEACETIC ACID DIPHENYLMETHYL ESTER DIHYDROCHLORIDE see: TK7905200
4-METHYL-1-PIPERAZINEACETIC ACID cis-(2-OXO-3-INDOLINYLIDENE)HYDRAZIDE see: TK7906930
4-METHYL-1-PIPERAZINEACETIC ACID trans-(2-OXO-3-INDOLINYLIDENE)HYDRAZIDE see: TK7906920
4-METHYL-1-PIPERAZINEACETIC ACID cis-(2-OXO-3-INDOLINYLIDENE)HYDRAZIDE HYDROCHLORIDE see: TK7906970
4-METHYL-1-PIPERAZINECARBODITHIOIC ACID SODIUM SALT see: TL0709700
2-(4-METHYL-1-PIPERAZINECARBONYL)VERATRALDEHYDE see: YX5089500
1-N-METHYLPIPERAZINE-2-CHLORO-4-NITROISOQUINOLINE see: NW7183000
beta-METHYL-1-PIPERAZINEETHANOL DIHYDROCHLORIDE see: TL9352000
METHYLCARBAMIC ACID 2,6-PYRIDINEDIYLDIMETHYLENE ESTER see: FC7530000
2-(4-METHYLPIPERAZINOMETHYL)DIBENZ(2,3:6,7)-3a,12b-DIHYDROOXEPIN(4,5-d)-1,3-DIOXOLANE see: HQ4235700
11-(4-METHYLPIPERAZINO)-2-NITRODIBENZOXAZEPINE see: HQ4028500 DIBENZ(b,f)(1,4)OXAZEPINE, 11(4-METHYL-1-PIPERAZINYL)-2-NITRO-
10-(gamma-(N'-METHYLPIPERAZINO)PROPYL)-2-TRIFLUOROMETHYLPHENOTHIOZINE see: SP1500000
N-(4-METHYL-1-PIPERAZINYL)-ACRIDINE-9-CARBOXAMIDE DIHYDROCHLORIDE see: AR7623700
1-(4-METHYLPIPERAZINYL-1)-7-CHLORO-10-METHYL-2,3-DIAZOPHENOXAZINE see: UR6076800
6-(4-METHYL-1-PIPERAZINYL)-11H-DIBENZ(b,e)AZEPINE see: HO2840000
10-(N-(2-(4-METHYL-1-PIPERAZINYL)ETHYL)-beta-ALANYL)PHENOTHIAZINE see: SP1132000
10-(N-(2-(4-METHYL-1-PIPERAZINYL)ETHYL)-beta-ALANYL)PHENOTHIAZINE TRIMALEATE see: SP1134000
2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER of BENZILIC ACID DIHYDROCHLORIDE see: DD3840000
10-(N-(2-(4-METHYL-1-PIPERAZINYL)ETHYL)GLYCYL)PHENOTHIAZINE see: SP1134500
13-(4-METHYL PIPERAZINYL)IMINE of CARMINOMYCIN see: QI9338000
3-(4-METHYLPIPERAZINYLIMINOMETHYL)-RIFAMYCIN SV see: VJ7000000
8-(4-METHYLPIPERAZINYLIMINOMETHYL) RIFAMYCIN SV see: VJ7000000
8-(((4-METHYL-1-PIPERAZINYL)IMINO)METHYL)RIFAMYCIN SV see: VJ7000000
2-(4-METHYL-1-PIPERAZINYL)-LEPIDINE DIHYDROCHLORIDE see: OH0316450
2-(4-METHYL-1-PIPERAZINYLMETHYL)-3a,12b-DIHYDRO-DIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE see: HQ4235700
3-METHYL-2-(1-PIPERAZINYLMETHYL)HEXAHYDRO-1-INDANONE HYDROCHLORIDE see: NK7536800
4-((4-METHYL-1-PIPERAZINYL)METHYL)-N-PHENYL-BENZENAMINE see: TK8160000
3-METHYL-2-(1-PIPERAZINYLMETHYL)-3,4,5,6-TETRAHYDRO-1(2H)-PENTALENONE HYDROCHLORIDE see: RZ4296200
6-(4-METHYL-1-PIPERAZINYL)MORPHANTHRIDINE see: HO2840000
11-(4-METHYL-1-PIPERAZINYL)-2-NITRODIBENZ(b,f)(1,4)OXAZEPINE see: HQ4028500DIBENZ(b,f)(1,4)OXAZEPINE, 11-(4-METHYL-1-PIPERAZINYL)-2-NITRO-
p-(beta-(4-METHYL-1-PIPERAZINYL)PHENETHYL)PHENOL DIHYDROCHLORIDE see: SM1150000
3-(4-METHYL-1-PIPERAZINYL)-5-PHENYL-as-TRIAZINE see: XZ0362050
N-(4-METHYL-1-PIPERAZINYL)-4-PROPOXY-1-NAPHTHAMIDE DIHYDROCHLORIDE see: QK7015000
10-(N-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-beta-ALANYL)PHENOTHIAZINE TRIMALEATE see: SP1150000
N-(gamma-(4'-METHYLPIPERAZINYL-1')PROPYL)-3-CHLOROPHENOTHIAZINE see: SO2700000
10-(N-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)GLYCYL)PHENOTHIAZINE TRIMALEATE see: SP1184000
N-METHYL-PIPERAZINYL-N'-PROPYL-PHENOTHIAZIN (German) see: SP1140000
N-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZINE see: SP1140000
10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-10H-PHENOTHIAZINE (9CI) see: SP1140000
10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZINE DIHYDROCHLORIDE see: SP1173000
1-(10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZIN-2-YL)-1-BUTANONE DIMALEATE see: EL9200000
1-(10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZIN-2-YL)-1-PROPANONE see: UC3087000
1-(10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZIN-2-YL)-1-PROPANONE DIMALEATE see: UC3090000
10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-2-(TRIFLUOROMETHYL)PHENOTHIAZINE see: SP1500000
10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-2-TRIFLUOROMETHYLPHENOTHIAZINE DIHYDROCHLORIDE see: SP1750000
2-(4-METHYL-1-PIPERAZINYL)QUINOLINE DIHYDROCHLORIDE see: VC1675000
N-METHYLPIPERIDINE see: TN1225000
alpha-METHYL-1-PIPERIDINEACETIC ACID 2,6-XYLYL ESTER HYDROCHLORIDE see: TM3565000
(1-METHYL-DL-PIPERIDINE-2-CARBOXYLIC ACID)-2,6-DIMETHYLANILIDE HYDROCHLORIDE see: TK6475000
1-METHYLPIPERIDINE (DOT) see: TN1225000
2-METHYL-1-PIPERIDINEETHANETHIOL HYDROGEN SULFATE (ester) see: TM8040000
gamma-(4-METHYLPIPERIDINE)-p-FLUOROBUTYROPHENONE HYDROCHLORIDE see: EU4025000
2-METHYL-1-PIPERIDINEPROPANOL BENZOATE HYDROCHLORIDE see: TN3325000
1-METHYL-2-PIPERIDINETHIONE see: TN4225200
p-(2-METHYL-4-PIPERIDINO-2-BUTENYL)BENZENESULFONAMIDE HYDROCHLORIDE see: DB2945000
p-(2-METHYL-4-PIPERIDINO-2-BUTENYL)-N-(2-THIAZOLYL)BENZENESULFONAMIDE HYDROCHLORIDE see: DB2947500
6-METHYL-alpha-(PIPERIDINOCARBONYL)ERGOLINE-8-beta-PROPIONITRILE see: KE6345230
1-METHYL-3-(PIPERIDINOCARBONYL)PIPERIDINE see: OB5302000
1-(METHYL(2-PIPERIDINOETHYL)AMINO)-3-(o-TOLYLOXY)-2-PROPANOL DIHYDROCHLORIDE see: UB86190002-PROPANOL, 1-(METHYL(2-PIPERIDINOETHYL)AMINO)-3-(o-TOLYLOXY)-, DIHYDROCHLORIDE
N-(alpha-(1-METHYL-1-PIPERIDINOETHYL)BENZYLIDENE)ACETAMIDE MONOHYDROCHLORIDE see: AC6336000
N-(alpha-(1-METHYL-1-PIPERIDINOETHYL)BENZYLIDENE)PHENACETAMIDE HYDROCHLORIDE see: AC6338000
N-(1-METHYL-2-PIPERIDINOETHYL)CARBANILIC ACID ETHYL ESTER see: FD9745000 CARBANILIC ACID, N(1-METHYL-2-PIPERIDINOETHYL)-, ETHYL ESTER
N-(1-METHYL-2-PIPERIDINOETHYL)ETHANESULFONANILIDE see: KI7342000 ETHANESULFONANILIDE, N-(1-METHYL-2-PIPERIDINOETHYL)-
10-(N-METHYL-N-(2-PIPERIDINOETHYL)GLYCYL)PHENOTHIAZINE see: SP1754000
N-(1-METHYL-2-PIPERIDINOETHYL)PROPIONANILIDE see: UE5410000 PROPIONANILIDE, N-(1-METHYL-2-PIPERIDINOETHYL)-
N-(1-METHYL-2-PIPERIDINOETHYL)-p-PROPIONANISIDIDE see: UE5633000 p-PROPIONANISIDIDE, N-(1-METHYL-2-PIPERIDINOETHYL)-
N-(1-METHYL-2-PIPERIDINOETHYL)-N-2-PYRIDYLPROPIONAMIDE FUMARATE see: UE4526000
4-METHYL-3-(2-PIPERIDINOETHYL)SYDNONE MONOHYDROCHLORIDE see: WU7690500
N-(1-METHYL-2-PIPERIDINOETHYL)-N-(2-THIENYL)PROPIONAMIDE OXALATE see: UE4525850
DL-6-(2-METHYLPIPERIDINO)-5-INDANOL HYDROCHLORIDE see: NK7534600
5-METHYL-3-PIPERIDINO-1-INDANONE HYDROCHLORIDE see: NK7537900
6-((2-METHYLPIPERIDINO)METHYL)-5-INDANOL MALEATE see: NK7534700
3-((3-METHYLPIPERIDINO)METHYL)INDOLE see: NM0960000
3-((4-METHYLPIPERIDINO)METHYL)INDOLE see: NM0961000
2-METHYL-1-PIPERIDINOPROPANOL, BENZOATE see: TN3320000
METHYL 4-(3-PIPERIDINOPROPIONYLAMINO)SALICYLATE, METHIODIDE see: TN4700700
(2-METHYLPIPERIDINO)PROPYL BENZOATE see: TN3320000
dl-(2-METHYLPIPERIDINO)PROPYL BENZOATE HYDROCHLORIDE see: TN3325000
gamma-(2-METHYLPIPERIDINO)PROPYL BENZOATE HYDROCHLORIDE see: TN3325000
3-(2-METHYLPIPERIDINO)PROPYL BENZOATE HYDROCHLORIDE see: TN3325000
3-(2-METHYLPIPERIDINO)PROPYL CARBANILATE HYDROCHLORIDE see: FD9746000
gamma-(2-METHYLPIPERIDINO)PROPYL 3,4-DICHLOROBENZOATE see: DG7700000
3-(2-METHYLPIPERIDINO)PROPYL 3,4-DICHLOROBENZOATE (ESTER) see: DG7700000
METHYL 10-(3-PIPERIDINOPROPYL)PHENOTHIAZIN-2-YL KETONE see: OB5294000
METHYL 10-(3-PIPERIDINOPROPYL)PHENOXAZIN-2-YL KETONE see: OB5296000
3-(2-METHYLPIPERIDINO)-1-PROPYL 1,2,3,4-TETRAHYDRO-6-CARBAZOLYLCARBOXYLATE HYDROCHLORIDE see: FE5844000
((6-METHYL-4-PIPERIDINO-2-PYRIMIDINYL)THIO)ACETIC ACID HYDRAZIDE see: AI9350000
2-METHYL-3-PIPERIDINO-1-p-TOLYLPROPAN-1-ONE see: UH1575000
2-METHYL-3-PIPERIDINO-1-p-TOLYLPROPAN-1-ONE HYDROCHLORIDE see: UH1575500
9-(2-(1-METHYL-2-PIPERIDINYL)ETHYL)CARBAZOLE see: FE6273000

9-(2-(1-METHYL-2-PIPERIDINYL)ETHYL)CARBAZOLE METHIODIDE see: TN4696000
1-METHYL-3-(2-(4-PIPERIDINYL)ETHYL)-1H-INDOLE HYDROCHLORIDE see: NM0961500
10-(2-(1-METHYL-2-PIPERIDINYL)ETHYL)PHENOTHIAZINE see: SP1860000
10-(2-(1-METHYL-2-PIPERIDINYL)ETHYL)PHENOTHIAZINE METHOBROMIDE see: TN4978000
3-METHYL-8-(1-PIPERIDINYL)-4-OCTYN-3-OL HYDROCHLORIDE see: RI2748000
4-(1-METHYL-2-PIPERIDINYL)-1(2H)-PHTHALAZINONE HYDROCHLORIDE see: TH9208000 1(2H)-PHTHALAZINONE, 4-(1-METHYL-2-PIPERIDINYL)-, MONOHYDROCHLORIDE
N-METHYLPIPERIDYL-(4)-BENZHYDRYLAETHER METHYLBROMID QUATERNISTERT(German) see: TN4945000
N-METHYLPIPERIDYL-(4)-BENZHYDRYLAETHER SALZSAUREN SALZE (German) see: TM7810000
N-METHYL-3-PIPERIDYL BENZILATE METHOBROMIDE see: TN5950000
N-METHYL-3-PIPERIDYL BENZILATE METHYL BROMIDE see: TN5950000
1-METHYL-4-PIPERIDYL BIS(p-CHLOROPHENOXY)ACETATE see: AF5471000
(N-METHYL PIPERIDYL-4) DIPHENYL CARBINOL (French) see: TN0927000
N-METHYL-3-PIPERIDYLDIPHENYLGLYCOLATE METHOBROMIDE see: TN5950000
(N-METHYL PIPERIDYLENE-4) DIPHENYL METHANE (French) see: TM7837000
1-METHYL-4-PIPERIDYL ESTER of DIPHENYLACETIC ACID HYDROCHLORIDE see: AH3220000
9-(2-(1-METHYL-2-PIPERIDYL)ETHYL)CARBAZOLE see: FE6273000
3-(2-(1-METHYL-2-PIPERIDYL)ETHYL)INDOLE see: NM0962000
10-(2-(1-METHYL-2-PIPERIDYL)ETHYL)-2-(METHYLTHIO)PHENOTHIAZINE see: SP2100000
1-METHYL-3-PIPERIDYLIDENEDI(2-THIENYL)METHANE see: TM7870000
N-METHYL-3-PIPERIDYLIDENEDITHIENYLMETHANE METHOBROMIDE see: TN4955000
1-METHYL-4-PIPERIDYLMETHANOL METHIODIDE see: TN4973000
3-(1-METHYLPIPERIDYL)-METHYL GENTISATE HYDROCHLORIDE see: LY3859600
2-((1-METHYL-2-PIPERIDYL)METHYL)-1-INDANONE HYDROIODIDE see: NK7538100
3-(1-METHYL-2-PIPERIDYL)METHYLINDOLE see: NM0970000
(N-METHYL-3-PIPERIDYL)METHYLPHENOTHIAZINE see: SP2625000
10-(1-METHYLPIPERIDYL-3-METHYL)PHENOTHIAZINE see: SP2625000
10-(1-METHYL-3-PIPERIDYL)METHYL PHENOTHIAZINE see: SP2625000
1-METHYL-3-PIPERIDYL PIPERIDINO KETONE see: OB5302000
gamma-(2-METHYLPIPERIDYL)PROPYL BENZOATE see: TN3320000
(+-)-gamma-(2-METHYLPIPERIDYL)PROPYL BENZOATE HYDROCHLORIDE see: TN3325000
8-(1-METHYL-4-PIPERIDYL)THEOPHYLLINE HYDROCHLORIDE see: XH6136000
METHYLPIRIMIPHOS see: TF1410000
4'-METHYLPIVALOPHENONE see: TO7944000
O-METHYL POTASSIUM DITHIOCARBONATE see: FG1581700
METHYLPREDNISOLONE see: TU4146000
6-alpha-METHYLPREDNISOLONE see: TU4146000
METHYLPREDNISOLONE SODIUM SUCCINATE see: TU4154060
6-alpha-METHYLPREDNISOLONE SODIUM SUCCINATE see: TU4154060
16-beta-METHYL-1,4-PREGNADIENE-9-alpha-FLUORO-11-beta,17-alpha,21-TRIOL-3,20-DIONE see: TU4000000
6-METHYL-delta(sup 4,6)-PREGNADIEN-17-alpha-OL-3,20-DIONE ACETATE see: TU4075000
6-alpha-METHYLPREGN-3-ENE-3,20-DIONE see: TU5406000
17-METHYLPREGN-4-ENE-3,20-DIONE see: TU5406100
6-alpha-METHYL-4-PREGNENE-3,20-DION-17-alpha-OL ACETATE see: TU5010000
16-beta-METHYL-delta(sup 5)-PREGNENE-3-beta-OL-20-ONE see: TU5570020
16-beta-METHYL-17-alpha-PREGN-5-EN-3-beta-OL see: TU5539000
6-alpha-METHYLPROGESTERONE see: TU5406000
17-METHYLPROGESTERONE see: TU5406100
METHYLPROMAZINE see: SO5700000
METHYLPROPAMINE see: SH5075000
2-METHYLPROPANAL see: NQ4025000
2-METHYL-1-PROPANAL see: NQ4025000
N-METHYL-1,3-PROPANEDIAMINE mixed with SODIUM NITRITE see: TX8258000
2-METHYL-PROPANETHIOIC ACID see: TZ7230000
METHYL PROPANOATE see: UF5970000
2-METHYLPROPANOIC ACID see: NQ4375000
2-METHYL-PROPANOIC ACID, 3-PHENYL-2-PROPENYL ESTER see: NQ4558000
2-METHYL-1-PROPANOL see: NP9625000
2-METHYLPROPAN-1-OL see: NP9625000
2-METHYL PROPANOL see: NP9625000
2-METHYL-2-PROPANOL see: EO1925000
2-METHYLPROPANOYL CHLORIDE see: NQ5630000
N-METHYL-N-PROPARGYLBENZYLAMINE see: DP6475000
2-METHYLPROPENAL (Czech) see: OZ2625000
2-METHYLPROPENAMIDE see: UC6475000
METHYL PROPENATE see: AT2800000
2-METHYLPROPENENITRILE see: UD1400000
METHYL-2-PROPENOATE see: AT2800000
METHYL PROPENOATE see: AT2800000
2-METHYLPROPENOIC ACID see: OZ2975000
2-METHYL-2-PROPENOIC ACID ANHYDRIDE see: OZ5700000 METHACRYLIC ANHYDRIDE
2-METHYLPROPENOIC ACID CHLORIDE see: OZ5791000 METHACRYLOYL CHLORIDE
2-METHYL-2-PROPENOIC ACID METHYL ESTER HOMOPOLYMER (9CI) see: TR0400000
2-METHYLPROPENOYL CHLORIDE see: OZ5791000 METHACRYLOYL CHLORIDE
METHYL PROPENYL KETONE see: SB3850000
2-METHYLPROPIONALDEHYDE see: NQ4025000
METHYL PROPIONATE see: UF5970000
METHYL PROPIONATE (DOT) see: UF5970000
alpha-METHYLPROPIONIC ACID see: NQ4375000
2-METHYLPROPIONIC ACID see: NQ4375000
2-METHYLPROPIONITRILE see: TZ4900000
2-METHYLPROPIONYL CHLORIDE see: NQ5630000
METHYL 4-(N-PROPIONYL-N-PHENYLAMINO)-1-(2-PHENYLETHYL)-4-PIPERIDINE-CARBOXYLATE see: TM6405000
5-METHYL-1-(p-PROPOXYBENZYL)HYDROURACIL see: MX9000000
5-METHYL-1-(p-PROPOXYBENZYL)-2-THIOHYDROURACIL see: MX9005000
N-METHYL-m-PROPOXYCARBANILIC ACID 2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE see: FD9748000
N-METHYL-3'-PROPOXY-2',4',6'-TRIIODOSUCCINANILIC ACID see: WM4750500
2-METHYLPROPYL ACETATE see: AI4025000
2-METHYL-1-PROPYL ACETATE see: AI4025000
METHYLPROPYLACETIC ACID see: YV7700000
2-METHYLPROPYL ALCOHOL see: NP9625000
3-METHYL-2-((PROPYLAMINO)METHYL)-3,4,5,6-TETRAHYDRO-1(2H)-PENTALENONE HYDROCHLORIDE see: RZ4296300
2-METHYL-2-(PROPYLAMINO)-1-PROPANOL BENZOATE HYDROCHLORIDE see: UB8654300
METHYLPROPYLARSINIC ACID see: CH7950000
METHYL PROPYLATE see: UF5970000
12-METHYL-7-PROPYLBENZ(a)ANTHRACENE see: CX2625000
4-(2-METHYLPROPYL)BENZENEACETIC ACID see: AI4200000
2-METHYLPROPYL BUTYRATE see: ET5020000
METHYL PROPYL CARBINOL see: SA4900000
METHYL-PROPYL-CETONE (French) see: SA7875000
3-(1-METHYLPROPYL)-6-CHLOROPHENYL METHYLCARBAMATE see: FB5075000
METHYL PROPYL DIKETONE see: MO3140000
6-(1-METHYL-PROPYL)-2,4-DINITROFENOL (Dutch) see: SJ9800000
(6-(1-METHYL-PROPYL)-2,4-DINITRO-FENYL)-3,3-DIMETHYL-ACRYLAAT (Dutch) see: GQ5600000
2-(1-METHYLPROPYL)-4,6-DINITROPHENOL see: SJ9800000
2-(1-METHYLPROPYL)-4,6-DINITROPHENYL ACETATE see: AF7140000
2-(1-METHYLPROPYL)-4,6-DINITROPHENYL 2-CHLOROBUTANOATE see: EK7750000
O-(2-(1-METHYLPROPYL)-4,6-DINITROPHENYL) S-PROPYL CARBONOTHIOATE see: FG2200000
2-(1-METHYLPROPYL)-4,6-DINITROPHENYL beta,beta-DIMETHACRYLATE see: GQ5600000
(6-(1-METHYL-PROPYL)-2,4-DINITRO-PHENYL)-3,3-DIMETHYL-ACRYLAT (German) see: GQ5600000
2-(1-METHYL-2-PROPYL)-4,6-DINITROPHENYL ISOPROPYLCARBONATE see: FF9100000
1-(2-METHYLPROPYL)-3,4-DIPHENYL-1H-PYRAZOLE-5-ACETIC ACID see: UQ4925000
beta-METHYLPROPYL ETHANOATE see: AI4025000
METHYL PROPYL ETHER see: KO2280000
METHYL n-PROPYL ETHER see: KO2280000
METHYL PROPYL ETHER (DOT) see: KO2280000
17-METHYL-17-PROPYLGONA-4,12-DIEN-3-ONE see: MD6950600
2-METHYLPROPYL HEXANOATE see: MO8389000
2-METHYLPROPYL ISOBUTYRATE see: NQ5250000
2-METHYLPROPYL ISOBUTYRATE see: NQ5250000
2-METHYLPROPYL ISOVALERATE see: NY1506000
METHYLPROPYL KETONE see: SA7875000
METHYL-n-PROPYL KETONE see: SA7875000
METHYL PROPYL KETONE (DOT) see: SA7875000
2-METHYLPROPYL METHACRYLATE see: OZ4900000
2-METHYLPROPYL 3-METHYLBUTYRATE see: NY1506000
METHYLPROPYLNITROSOAMINE see: UI3850000
METHYL-n-PROPYLNITROSAMINE see: UI3850000
8-METHYL-3-(2-PROPYLPENTANOYLOXY)TROPINIUM BROMIDE see: YM3710000
m-(1-METHYLPROPYL)PHENYLMETHYLCARBAMATE see: FB5250000
2-(1-METHYLPROPYL)PHENYL METHYLCARBAMATE see: FB5425000
2-(1-METHYLPROPYL)PHENYL METHYL(PHENOXYACETYL)CARBAMATE see: FC6710000
2-METHYL-2-PROPYL-1,3-PROPANEDIOL CARBAMATE ISOPROPYLCARBAMATE see: FB3325000
2-METHYL-2-N-PROPYL-1,3-PROPANEDIOL DICARBAMATE see: TZ0175000
5-(1-METHYLPROPYL)-5-(2-PROPENYL)-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE see: CP8225000
2-METHYLPROPYL PROPIONATE see: UF4930000
6-METHYL-5-PROPYL-4-PYRIMIDINOL see: UW6980000
METHYLPROPYLSULFONE MUSTARD OIL see: NX8960000
METHYL 5-(PROPYLTHIO)-2-BENZIMIDAZOLECARBAMATE see: FD1100000
2-METHYL-2-PROPYLTRIMETHYLENE CARBAMATE see: TZ0175000
1-METHYL-4-PROPYL-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE see: YJ9300090
N-METHYL-N-2-PROPYNYLBENZYLAMINE see: DP6475000
N-METHYL-N-(2-PROPYNYL)BENZYLAMINE HYDROCHLORIDE see: DP6650000
1-METHYL-2-PROPYNYL ESTER of SUCCINIC ACID see: WM9606000
6-alpha-METHYL-17-alpha-PROPYNYLTESTOSTERONE see: BV8510000
6-alpha-METHYL-17-(1-PROPYNYL)TESTOSTERONE see: BV8510000
(15S)-15-METHYLPROSTAGLANDIN D2 see: UK7894900
15(R)-METHYLPROSTAGLANDIN E2 see: UK7895000
15(R)-15-METHYLPROSTAGLANDIN E2 see: UK7895000
(15S)-15-METHYLPROSTAGLANDIN E2 METHYL ESTER see: MJ9675500
15-METHYLPROSTAGLANDIN F2-alpha see: UK8021000
15(S)-15-METHYL-PROSTAGLANDIN E2 see: UK7896000
15(S)-15-METHYL-PROSTAGLANDIN F2-alpha see: UK8021000
(15S)-15-METHYLPROSTAGLANDIN F2-alpha see: UK8021000
15(S)-METHYLPROSTAGLANDIN F2-alpha see: UK8021000
15-METHYL-PROSTAGLANDIN E2 METHYL ESTER see: MJ9675500
15-METHYL-PROSTAGLANDIN F2-alpha METHYL ESTER see: MJ9654500
(15S)-15-METHYL-PROSTAGLANDIN F2-alpha 1,9-LACTONE see: UK8011100
(15S)-15-METHYL-PROSTAGLANDIN F2-alpha 1,11-LACTONE see: UK8011000
(15S)-15-METHYL-PROSTAGLANDIN F2-alpha 1,15-LACTONE see: UK8022000
15(S)15-METHYL-PROSTAGLANDIN F2-alpha METHYL ESTER see: MJ9654500
15(S)15-METHYL PROSTAGLANDIN F2-alpha TROMETHAMINE see: UK8026000
METHYL PROTOANEMONIN see: LU4375000
x-METHYLPTEROYLGLUTAMIC ACID see: LP5650000 FOLIC ACID, METHYL-
9-METHYL PTEROYLGLUTAMIC ACID see: MA0602000
1-METHYL-3-(2-PYRAZINYL)-1H-IMIDAZO(4,5-c)PYRIDIN-2(3H)-ONE see: NJ5831650
4-METHYLPYRAZOL see: UQ7350000
3-METHYLPYRAZOLE see: UQ7340000
4-METHYLPYRAZOLE see: UQ7350000
METHYLPYRAZOLYL DIETHYLTHIOPHOSPHATE see: TF3675000
5-METHYL-1H-PYRAZOL-3-YL DIMETHYLCARBAMATE see: EZ9084000
1-METHYL-9H-PYRIDO(3,4-b)INDOLE see: UV0280000
alpha-METHYLPYRIDINE see: TJ4900000
2-METHYLPYRIDINE see: TJ4900000
3-METHYLPYRIDINE see: TJ5000000
4-METHYLPYRIDINE see: UT5425000
N-METHYLPYRIDINE-2-ALDOXIME IODIDE see: UU4375000
2-METHYLPYRIDINE-4-AZO-p-DIMETHYLANILINE see: TJ5425000
2-METHYLPYRIDINE-1-OXIDE-4-AZO-p-DIMETHYLANILINE see: BX6650000
3-METHYLPYRIDINE-1-OXIDE-4-AZO-p-DIMETHYLANILINE see: TJ5775000
N-METHYL-2-PYRIDINETHIOACETAMIDE see: UR8464700
3-METHYL-2-PYRIDINETHIOACETAMIDE see: UR8464800
4-METHYL-2-PYRIDINETHIOACETAMIDE see: UR8464810
5-METHYL-2-PYRIDINETHIOACETAMIDE see: UR8464820
6-METHYL-2-PYRIDINETHIOACETAMIDE see: UR8442100
6-METHYL-2-PYRIDINETHIOACETAMIDE see: UR8464830
1-METHYL-2(1H)-PYRIDINETHIONE see: UT9830000
1-METHYL-2-PYRIDINIUM ALDOXIME CHLORIDE see: UU4200000
N-METHYLPYRIDINIUM-2-ALDOXIME IODIDE see: UU4375000
1-METHYLPYRIDINIUM-2-ALDOXIME METHANESULFONATE see: UU4570000
N-METHYLPYRIDINIUM-2-ALDOXIME METHANESULPHONATE see: UU4570000
N-METHYLPYRIDINIUM-2-CARBOHYDROXAMIC ACID IODIDE see: UU5190000 PYRIDINIUM, 2-HYDROXYCARBAMOYL-1-METHYL-, IODIDE
N-METHYLPYRIDINIUM-3-CARBOHYDROXAMIC ACID IODIDE see: UU5192000 PYRIDINIUM, 3-HYDROXYCARBAMOYL-1-METHYL-, IODIDE
N-METHYLPYRIDINIUM-4-CARBOHYDPOXAMIC ACID IODIDE see: UU5194000 PYRIDINIUM, 4-HYDROXYCARBAMOYL-1-METHYL-, IODIDE
METHYL PYRIDINIUM CHLORIDE see: UU5950000
N-METHYLPYRIDINIUM CHLORIDE 2-ALDOXIME see: UU4200000
N-METHYLPYRIDINIUM METHANE SULFONATE 2-ALDOXIME see: UU4570000
1-METHYL-2(1H)-PYRIDINONE see: UV1150000
N-METHYLPYRIDONE see: UV1150000
1-METHYL-2(1H)-PYRIDONE see: UV1150000
8-METHYL-10H-PYRIDO(3,2-b)PYRIMIDO(4,5-e)(1,4)THIAZIN-4-AMINE see: UV1173100
8-METHYL-10H-PYRIDO(3,2-b)PYRIMIDO(4,5-e)(1,4)THIAZINE-2,4-DIAMINE see: UV1173200
3-((6-METHYL-5H-PYRIDO(3',4':4,5)PYRROLO(2,3-g)ISOQUINOLIN-10-YL)AMINO)-1,2-PROPANEDIOL see: TZ0576000
1-METHYL-3-(2-PYRIDYL)-5-CHLOROIMIDAZO(4,5-b)PYRIDIN-2-ONE see: NJ5830960
N-METHYL-N-beta-(2-PYRIDYL)ETHYLAMINE see: UT5552000
1-METHYL-3-(2-PYRIDYL)-1H-IMIDAZO(4,5-c)PYRIDIN-2(3H)-ONE see: NJ5831700
N-3-METHYLPYRIDYL-2-IMIDE of 3-p-CHLOROPHENYLSUCCINIC ACID see: WN2470000
N-3-METHYLPYRIDYL-2-IMIDE of PHENYLSUCCINIC ACID see: WN3361000
N-(3-METHYL-2-PYRIDYL)-2-PHENYLSUCCINIMIDE see: WN3361000

1-METHYL-2-(3-PYRIDYL)PYRROLE see: UT6130000
1-METHYL-2-(3-PYRIDYL)PYRROLIDINE see: QS5250000
l-1-METHYL-2-(3-PYRIDYL)-PYRROLIDINE SULFATE see: QS9625000
METHYL 2-PYRIDYL SULFIDE see: UT6207000
4-METHYL-2-(2-PYRIDYL)-5-THIAZOLECARBOXYLIC ACID see: XJ3683000
2-(3-METHYL-2-PYRIDYL)THIOACETAMIDE see: UR8464800
2-(4-METHYL-2-PYRIDYL)THIOACETAMIDE see: UR8464810
2-(5-METHYL-2-PYRIDYL)THIOACETAMIDE see: UR8464820
2-(6-METHYL-2-PYRIDYL)THIOACETAMIDE see: UR8464830
METHYLPYRIMAL see: WP0750000
5-METHYL-4-PYRIMIDINOL see: UW6850000
6-METHYL-4-PYRIMIDINOL see: UW6851000
N(sup 1)-(4-METHYL-2-PYRIMIDINYL)SULFANILAMIDE see: WP0750000
N(sup 1)-(4-METHYL-2-PYRIMIDINYL)SULFANILAMIDE SODIUM SALT see: WP0760000
p-METHYLPYROCATECHOL see: UX1915000
4-METHYLPYROCATECHOL see: UX1915000
2-METHYL PYROMECONIC ACID see: UQ1050000
METHYL PYROMUCATE see: LV1950000
METHYL PYRONIN see: BQ1450000
1-METHYLPYRROLE-2,3-DIMETHANOL see: UX9465500
N-(N'-METHYLPYRROLIDINIUMMETHYL)-S,S-DIPHENYL-SULFOXIMIDE BROMIDE see: UY4347600
3-METHYL-4'-(beta-PYRROLIDINOETHOXY)-2,3-DIMETHYLPROPIOPHENONE see: EL8565500 1-BUTANONE,2,3-DIPHENYL-1-(4-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)-
N-METHYLPYRROLIDINONE see: UY5790000
METHYL-2-PYRROLIDINONE see: UY5789900
N-METHYL-2-PYRROLIDINONE see: UY5790000
1-METHYL-2-PYRROLIDINONE see: UY5790000
1-METHYL-5-PYRROLIDINONE see: UY5790000
6-METHYL-alpha-(1-PYRROLIDINYLCARBONYL)ERGOLINE-8-beta-PROPIONITRILE see: KE6345240
4-METHYL-3-(2-(1-PYRROLIDINYL)ETHYL)SYDNONE MONOHYDROCHLORIDE see: WU7690600
1-(1-METHYL-2-PYRROLIDINYLIDENE)-3-(2,6-XYLYL)UREA see: YT8850000
3-METHYL-2-'1-PYRROLIDINYLMETHYL)HEXAHYDRO-1-INDANONE HYDROCHLORIDE see: NK7536901
10-((1-METHYL-3-PYRROLIDINYL)METHYL)-PHENOTHIAZINE see: SP2975000
10-((1-METHYL-3-PYRROLIDINYL)METHYL)PHENOTHIAZINE, HYDROCHLORIDE see: SP3150000
3-METHYL-2-((1-PYRROLIDINYL)METHYL)-3,4,5,6-TETRAHYDRO-1(2H)-PENTALENONE HYDROCHLORIDE see: RZ4296400
(S)-3-(1-METHYL-2-PYRROLIDINYL)PYRIDINE SULFATE (2:1) see: QS9625000
4'-METHYL-2-(1-PYRROLIDINYL)VALEROPHENONE HYDROCHLORIDE see: YV9100000
METHYLPYRROLIDONE see: UY5790000
METHYLPYRROLIDONE see: UY5789900
N-METHYLPYRROLIDONE see: UY5790000
N-METHYL-2-PYRROLIDONE see: UY5790000
1-METHYL-3-PYRROLIDYL PHENYL-2-THIENYLGLYCOLATE METHOBROMIDE see: UY4550000
L-3-(1-METHYL-2-PYRROLIDYL)PYRIDINE see: QS5250000
(-)-3-(1-METHYL-2-PYRROLIDYL)PYRIDINE see: QS5250000
l-3-(1-METHYL-2-PYRROLIDYL)PYRIDINE SULFATE see: QS9625000
3-(1-METHYL-2-PYRROLYL)PYRIDINE see: UT6130000
METHYL-QUECKSILBER-TOLUOLSULFAMID (German) see: OX0815000
2-METHYL-4-QUINAZOLINONE see: VA3677000
5-METHYL-5H-QUINDOLINE HYDROCHLORIDE see: VA4267000
p-METHYLQUINOLINE see: VC0550000
2-METHYLQUINOLINE see: UZ9625000
6-METHYLQUINOLINE see: VC0550000
1-METHYL-4(1H)-QUINOLINONE see: VC8618000
N-METHYL-4-QUINOLONE see: VC8618000
1-METHYL-4(1H)-QUINOLONE see: VC8618000
8-(METHYL-QUINOLYL)-N-METHYL CARBAMATE see: FC4900000
6-METHYL-2,3-QUINOXALINE DITHIOCARBONATE see: FG1400000
6-METHYL-2,3-QUINOXALINEDITHIOL CYCLIC CARBONATE see: FG1400000
6-METHYL-2,3-QUINOXALINEDITHIOL CYCLIC DITHIOCARBONATE see: FG1400000
6-METHYL-QUINOXALINE-2,3-DITHIOLCYCLOCARBONATE see: FG1400000
6-METHYL-2,3-QUINOXALINEDITHIOL CYCLIC S,S-DITHIOCARBONATE see: FG1400000
METHYL RED see: DG8960000
METHYL RESERPATE see: ZF9890000
METHYL RESERPATE, 4-ETHOXYCARBONYL-3,5-DIMETHOXYBENZOIC ACID ESTER see: ZG0175000
METHYL RESERPATE ester of SYRINGIC ACID ETHYL CARBONATE see: ZG0175000
METHYLRESERPATE 3,4,5-TRIMETHOXYBENZOIC ACID see: ZG0350000
METHYL RESERPATE 3,4,5-TRIMETHOXYBENZOIC ACID ESTER see: ZG0350000
METHYL RESERPATE 3,4,5-TRIMETHOXYCINNAMIC ACID ESTER see: ZG0700000
METHYL RESERPINOLATE see: ZF9890000
5-METHYLRESORCINOL see: VH2100000
3-METHYL-beta-RESORCYLIC ACID see: VH3709200
5-METHYL-beta-RESORCYLIC ACID see: VH3709500
METHYLROSANILINE CHLORIDE see: BO9000000
METHYL SALICYLATE see: VO4725000
4-METHYLSALINOMYCIN see: VO8640000
METHYLSCOPOLAMINE BROMIDE see: YM3675000
METHYLSCOPOLAMINE HYDROBROMIDE see: YM3675000
N-METHYLSCOPOLAMMONIUM BROMIDE see: YM3675000
METHYL SELENAC see: VT0780000
METHYL SELENIDE (8CI) see: VS6880000
METHYL SELENIUM see: VS6880000
o-(METHYLSELENO)BENZOIC ACID see: DH4195000
o-(METHYLSELENO)BENZOIC ACID see: DH4200000
METHYLSELENO-2-BENZOIC ACID see: DH4195000
4'-(METHYLSELENO)-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE see: UH4387000
(METHYLSELENO)TRIS(DIMETHYLAMINO)PHOSPHONIUM IODIDE see: TA2378000
METHYLSENFOEL (German) see: PA9625000
METHYL SILICATE see: VV9800000
METHYL SILICONE see: TQ2690000
1-METHYL-2-SKATYLPIPERIDINE see: NM0970000
5-METHYLSPARTEINIUM IODIDE see: WG6450000
6'-METHYLSPIRO(CYCLOHEXANE-1,4'(3'H)PYRIMIDINE)-2'(1'H)-THIONE see: WH0194530SPIRO(CYCLOHEXANE-1,4'(3'H)PYRIMIDINE)-2'(1'H)-THIONE, 6'-METHYL-
METHYL STEARATE see: WI4460000
2-METHYL-4-STILBENAMINE see: WJ4630000
3-METHYL-4-STILBENAMINE see: WJ4670000
alpha-METHYLSTYREEN (Dutch) see: WL5075300
METHYLSTYRENE see: WL5075000
METHYL STYRENE see: WL5075200
alpha-METHYLSTYRENE see: WL5075300
beta-METHYLSTYRENE see: DA8400000
(E)-beta-METHYLSTYRENE see: WL5075400
omega-METHYLSTYRENE see: DA8400000
m-METHYLSTYRENE see: WL5075800
o-METHYLSTYRENE see: WL5075900
p-METHYLSTYRENE see: WL5076000
trans-beta-METHYLSTYRENE see: WL5075400
2-METHYLSTYRENE see: WL5075900
3-METHYLSTYRENE see: WL5075800
m-METHYLSTYRENE OXIDE see: XT2410000
p-METHYLSTYRENE OXIDE see: XT2420000
4-METHYLSTYRENE OXIDE see: XT2420000
alpha-METHYL-STYROL (German) see: WL5075300
METHYL trans-STYRYL KETONE see: EN0330050
METHYL STYRYLPHENYL KETONE see: AN0350000
6-METHYL-7-SULFAMIDO-THIOCHROMAN-1,1-DIOXIDE see: XK6360000
5-METHYL-3-SULFANILAMIDOISOXAZOLE see: WP0700000
METHYL SULFANILYL CARBAMATE see: FD1190000
5-METHYL-3-SULFANYLAMIDOISOXAZOLE see: WP0700000
METHYL SULFATE see: WS8225000
METHYL SULFATE (DOT) see: WS8225000
METHYLSULFAZIN see: WP0750000

PV5075000 METHYL SULFIDE

UPDT 8411 CAS: 75-18-3 MW: 62.14 MOLFM: C2-H6-S
SYN: DIMETHYLSULFID (Czech) * DIMETHYL SULFIDE * DIMETHYL SULFIDE (DOT) * DIMETHYL SULPHIDE * DMS * EXACT-S * METHYL SULFIDE (DOT) * METHYL SULPHIDE * METHYLTHIOMETHANE * SULFURE DE METHYLE (French) * 2-THIAPROPANE * 2-THIOPROPANE * UN 1164 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MLD	FCTXAV 17,365,79

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:535 mg/kg	28ZPAK -,169,72
	ihl-rat LC50:40250 ppm	LacHB# 09JUN78
3F17F25U30	orl-mus LD50:3700 mg/kg	FCTXAV 17,365,79
3U01U30U11	ihl-mus LC50:31620 ug/m3	FCTXAV 17,365,79
	ipr-mus LD50:8000 mg/kg	IJRBA3 3,41,61
*	unk-mam LD50:1950 mg/kg	GTPZAB 16(6),46,72

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

METHYL SULFIDE (DOT) see: PV5075000
2-((METHYLSULFINYL)ACETYL)PYRIDINE see: UT6150000
O-(p-METHYLSULFINYLPHENYL)O,O-DIPROPYL PHOSPHOROTHIATE see: TG2920000
METHYLSULFONAL see: EJ5250000
N-(9-(p-(METHYLSULFONAMIDO)ANILINO)ACRIDIN-3-YL)ACETAMIDE METHANESULFONATE see: AC6353000
METHYLSULFONIC ACID, ETHYL ESTER see: PB2100000
2-METHYLSULFONYL-10-(3-(4-CARBAMOYLPIPERIDINO)PROPYL)PHENOTHIAZINE see: NS5075000
2-METHYLSULFONYL-10-(3-(4'-CARBAMOYLPIPERIDINO)PROPYL)-PHENOTHIAZINE see: TM6107000
METHYLSULFONYLCHLORAMPHENICOL see: AB6680000
4-(METHYLSULFONYL)-2,6-DINITRO-N,N-DIPROPYLANILINE see: BY6200000
4-(METHYLSULFONYL)-2,6-DINITRO-N,N-DIPROPYLBENZENEAMINE see: BY6200000
(METHYLSULFONYL)METHANESULFONIC ACID 2-CHLOROETHYL ESTER see: PB2665000
2-METHYLSULFONYL-O-(N-METHYL-CARBAMOYL)-BUTANON-(3)-OXIM (German) see: EL9210000
1,4-(METHYLSULFONYLOXYETHYLAMINO)-1,4-DIDEOXY-ERYTHRIOLDIMETHYLSULFONATE see: KF2305000
1-(3-(2-(METHYLSULFONYL)PHENOTHIAZIN-10-YL)PROPYL)ISONIPECOTAMIDE see: NS5075000
1-(3-(2-(METHYLSULFONYL)PHENOTHIAZIN-10-YL)PROPYL)-4-PIPERIDINECARBOXAMIDE see: NS5075000
1-(3-(2-(METHYLSULFONYL)-10H-PHENOTHIAZIN-10-YL)PROPYL)-4-PIPERIDINECARBOXAMIDE see: NS5075000
2-(4-(METHYLSULFONYL)PHENYL)IMIDAZO(1,2-a)PYRIDINE see: NJ5758500
2-(p-METHYLSULFONYLPHENYL)IMIDAZO(1,2-a)PYRIDINE HYDROCHLORIDE see: NJ5760000
4-(METHYLSULFONYL)-2,3,5,6-TETRACHLOROPYRIDINE see: UT6160000

PV6210000 METHYL SULFOXIDE

UPDT 8408 CAS: 67-68-5 MW: 78.14 MOLFM: C2-H6-O-S
SYN: DELTAN * DEMESO * DEMASORB * DEMAVET * DERMASORB * DIMETHYL SULFOXIDE * DIMETHYL SULPHOXIDE * DMS-70 * DMS-90 * DOLICUR * DOLIGUR * DOMOSO * DMSO * DROMISOL * GAMASOL 90 * HYADUR * INFILTRINA * METHANE, SULFINYLBIS- * NSC-763 * RIMSO-50 * SOMIPRONT * SQ 9453 * SULFINYLBIS(METHANE) * SYNTEXAN * TOPSYM

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open MLD	AIHAAP 23,95,62
	skn-rbt 500 mg/24H MOD	28ZPAK -,177,72
	eye-rbt 100 mg	TXAPA9 39,129,77

MUTATION DATA AND REFERENCES:

	mmo-esc 551 gm/L	MUREAV 130,97,84
	pic-esc 10 pph	CELLB5 3,39,74
	mmo-smc 8 pph	BBRCA9 49,1336,72
	mma-smc 1400 mmol/L	MUREAV 45,309,77
	oms-hmn:lym 140 mmol/L	PNASA6 79,1171,82
	cyt-rat-ipr 25 gm/kg/5D	TCMUD8 1,141,80
	dnd-mus-ipr 75 mmol/kg	CRNGDP 5,319,84
	dnd-mus:leu 2 pph/18H-C	CNREA8 38,841,78
	cyt-ham:ovr 19 pph	MUREAV 88,397,81
	cyt-ham:lng 1 pph	MUREAV 42,109,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27	ipr-rat TDLo:56 gm/kg (6-12D preg)	ANYAA9 141,110,67
1T25	ipr-rat TDLo:6600 mg/kg (7-15D preg)	ZPPLBF 116,131,77
2T25T26	scu-rat TDLo:30750 mg/kg (8-10D preg)	PSEBAA 125,567,67
2T41T46	ipr-mus TDLo:210 gm/kg (6-12D preg)	ANYAA9 141,110,67
2T34T46	ipr-mus TDLo:5500 mg/kg (10D preg)	AUCMBJ 61,131,73
1T25	ipr-mus TDLo:8250 mg/kg (10D preg)	AUCMBJ 61,131,73
1T25	ivn-mus TDLo:240 gm/kg (1-20D preg)	COREAF 260,327,65
2T41T46	orl-ham TDLo:11 gm/kg (7D preg)	TXAPA9 15,152,69
3T46T41T43	ipr-ham TDLo:5500 mg/kg (8D preg)	JEEMAF 16,49,66
2T35T41	ipr-ham TDLo:4400 mg/kg (8D preg)	LANCAO 1,208,66
3T41T43T46	ivn-ham TDLo:2500 mg/kg (8D preg)	JEEMAF 16,49,66
1T59	ivn-ham TDLo:2500 mg/kg (8D preg)	JEEMAF 16,49,66

TOXICITY DATA AND REFERENCES:

2K13L12	ivn-man TDLo:606 mg/kg	LANCAO 2,1004,80
*	orl-rat LD50:17500 mg/kg	FCTXAV 19,347,81
*	ipr-rat LD50:9800 mg/kg	FCTXAV 19,347,81
	scu-rat LD50:14 gm/kg	ANYAA9 141,96,67
	ivn-rat LD50:5360 mg/kg	TXAPA9 7,104,65
	orl-mus LD50:16500 mg/kg	ARZNAD 14,1050,64
	ipr-mus LD50:3000 mg/kg	RPTOAN 35,300,72
	scu-mus LD50:14 gm/kg	ANYAA9 141,96,67
	ivn-mus LD50:5750 mg/kg	TXAPA9 7,104,65
	ivn-dog LD50:2500 mg/kg	CNCRA6 31,7,63
	orl-ckn LD50:12 gm/kg	JPPMAB 15,688,63

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ANYAA9 243,98,75; CRTXB2 1(1),93,71; ARZNAD 17,1553,67

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PV6215000 METHYL SULFOXIDE, mixed with (alpha,alpha-DIMETHYLBENZYL)HYDROPEROXIDE
UPDT 8303 MW: 230.35 MOLFM: C2-H6-O-S C9-H12-O2
SYN: DIMETHYL SULPHOXIDE mixed with CUMENE HYDROPEROXIDE

MUTATION DATA AND REFERENCES:
mmo-smc 940 mmol/L BBRCA9 83,14,78

5-METHYL-3-SULPHANIL-AMIDOISOXAZOLE see: WP0700000
METHYL SULPHIDE see: PV5075000
METHYLSULPHONAL see: EJ5250000
4-METHYLSULPHONYL see: NX8960000
O(sup 3)-METHYLSUPINIDINE see: EK7879200
METHYLSYSTOX see: TG1650000
METHYL SYSTOX see: TG1760000
o-(METHYLTELLURO)BENZOIC ACID see: DH4375000
o-(METHYLTELLURO)BENZOIC ACID see: DH4300000
17-METHYLTESTOSTERON see: BV8400000
METHYLTESTOSTERONE see: BV8400000
7-alpha-METHYLTESTOSTERONE see: XA3096000
17-METHYLTESTOSTERONE see: BV8400000
delta'-17-METHYLTESTOSTERONE see: BV8000000
delta(sup 1)-17-alpha-METHYLTESTOSTERONE see: BV8000000
17alpha-METHYLTESTOSTERONE see: BV8400000
METHYLTESTOSTERONE and DANAZOL see: TU4157072
METHYLTESTOSTERONE and ETHINYLESTRADIOL (300:1) see: BV8409500
METHYLTESTOSTERONE with TESTOSTERONE PROFIONATE (14:1) see: BV8515500
N-METHYL-2,2',4',5'-TETRACHLOROACETANILIDE see: AE4965000 ACETANILIDE, N-METHYL-2,2',4',5'-TETRACHLORO-
4-O-METHYL-12-O-TETRADECANOYLPHORBOL-13-ACETATE see: GZ0594000
4-(2-(3-METHYL-5-(1,1,2,2-TETRAFLUOROETHYL)-1-PYRAZOLYL)-4-THIAZOLYL)PYROCATECHOL see: UX2080000
METHYL TETRAFLUOROPROPIONATE see: UF7700000
1-METHYL-1,2,3,9a-TETRAHYDRO-1-AZAFLUORENE HYDROCHLORIDE see: NK9459500
10-METHYL-1,2-TETRAHYDRO-1,2:5,6-BENZACRIDINE see: HN2025000
10-METHYL-1,2-TETRAHYDRO-1,2:7,8-BENZACRIDINE see: HN2025100
2-METHYL-1,2,3,6-TETRAHYDROBENZALDEHYDE see: GW3150000
6-METHYL-1,2,3,4-TETRAHYDROBENZ(a)ANTHRACENE see: CX2700000
4-METHYL-1',2',3',4'-TETRAHYDRO-1,2-BENZANTHRACENE see: CX2700000
7-METHYL-1,2,3,4-TETRAHYDRODIBENZ(c,h)ACRIDINE see: HN2025100
14-METHYL-8,9,10,11-TETRAHYDRODIBENZ(a,h)ACRIDINE see: HN2025000
METHYLTETRAHYDROFURAN see: LU6208000
METHYLTETRAHYDROFURAN (DOT) see: LU6208000
METHYL TETRAHYDROFURFURYL SULFONE see: LU6210000
4-((2-METHYL-1,2,3,4-TETRAHYDROISOQUINOLIN-1-YL)METHYL)PYROCATECHOL HYDROCHLORIDE see: UX2090000
METHYL 1,2,5,6-TETRAHYDRO-1-METHYLNICOTINATE see: QT2100000
METHYL 1,2,5,6-TETRAHYDRO-1-METHYLNICOTINATE, HYDROBROMIDE see: QT2275000
N-METHYL-1,2,3,4-TETRAHYDRO-1,2-NAPHTHALENEDICARBOXIMIDE see: QJ3430000
2-METHYL-2-(4-(1,2,3,4-TETRAHYDRO-1-NAPHTHALENYL)PHENOXY)PROPANOIC ACID see: UF6125000
5-METHYL-5-(1,2,3,4-TETRAHYDRO-1-NAPHTHYL)HYDANTOIN see: MU2630000
2-METHYL-2-(((5,6,7,8-TETRAHYDRO-2-NAPHTHYL)OXY)METHYL)-1,3-PROPANEDIOL see: TZ0577000
2-METHYL-2-(4-(1,2,3,4-TETRAHYDRO-1-NAPHTHYL)PHENOXY)PROPANOIC ACID see: UF6125000
alpha-METHYL-alpha-(p-1,2,3,4-TETRAHYDRONAPHTH-1-YLPHENOXY)PROPIONIC ACID see: UF6125000
2-METHYL-2-(p-(1,2,3,4-TETRAHYDRO-)NAPHTHYL)PHENOXY)PROPIONIC ACID see: UF6125000
N-METHYLTETRAHYDRONICOTINIC ACID, METHYL ESTER see: QT2100000
N-METHYL-delta-TETRAHYDRONICOTINIC ACID METHYL ESTER see: QT2100000
METHYLTETRAHYDROPHTHALIC ANHYDRIDE see: TI3325000
1-METHYL-delta(sup 3,4)TETRAHYDRO-3-PYRIDINECARBOXYLATE see: QT2100000
N-METHYLTETRAHYDROPYRIDINE-beta-CARBOXYLIC ACID METHYL ESTER see: QT2100000
N-METHYL-TETRAHYDROTHIAMIDINTHIONE ACETIC ACID see: XI2400000
3-METHYL-1,4,6,8-TETRAHYDROXYANTHRAQUINONE see: CB7920400
2-METHYL-3-(3,7,11,15-TETRAMETHYL-2,6,10,14-HEXADECATETRAENYL)-1,4-NAPHTHOQUINONE see: QL9279500
N-METHYL-N,2,4,6-TETRANITROANILINE see: BY6300000
2-METHYL-3-trans-TETRAPRENYL-1,4-NAPHTHOQUINONE see: QL9279500
alpha-METHYL TETRONIC ACID see: LU4725000
O-METHYLTHALFETIDINE see: XG2005000
1-METHYL-4-N-2-THENYLANILINOPIPERIDINE see: TN1400000
METHYLTHEOBROMIDE see: EV6475000
N-METHYL-3-THIA-2-METHYL-VALERAMID DER O,O-DIMETHYLTHIOLPHOSPHORSAEURE (German) see: TF7900000
4-METHYL-5-THIAZOLEACETIC ACID see: XJ1921500
4-METHYL-5-THIAZOLECARBOXYLIC ACID see: XJ3680000
4-METHYL-5-THIAZOLEETHANETHIOL ETHANEDISULFONATE see: XJ4665000
4-METHYL-5-THIAZOLEETHANOL ACETATE (ester) ETHANEDISULFONATE see: XJ4672000
4-METHYL-5-THIAZOLEETHANOL CARBAMATE (ester), HYDROCHLORIDE see: XJ4672500
4-METHYL-5-THIAZOLEETHANOL ETHANEDISULFONATE see: XJ4673000
1-(4-METHYLTHIAZOL-2-YL)-3,5-DIMETHYLPYRAZOLE see: XJ4615000
3-(2-METHYL-4-THIAZOLYL)-6-ETHYL-7-ACETOXYCHROMANONE see: GB8146000
3-(2-METHYL-4-THIAZOLYL)-6-ETHYL-7-ETHOXYCARBONYLMETHOXYCHROMANONE see: AH5601100
3-(2-METHYL-4-THIAZOLYL)-6-ETHYL-7-METHOXYCHROMANONE see: GB8170500
3-(2-METHYL-4-THIAZOLYL)-6-HEXYL-7-ACETOXYCHROMANONE see: GB8173700
3-(2-METHYL-4-THIAZOLYL)-6-HEXYL-7-ETHOXYCARBONYLMETHOXYCHROMANONE see: AI0930000
alpha-METHYL-4-(2-THIENYLCARBONYL)BENZENEACETIC ACID see: MU6647000
METHYLTHIENYLCETONE (French) see: OB4972000
1-METHYL-1-(1-(2-THIENYL)CYCLOHEXYL)PIPERIDINIUM see: TN6086900
4-(2-(5-METHYLTHIENYL)KETO)-2,3-DICHLOROPHENOXYACETIC ACID see: AG6642000 ACETIC ACID, (2,3DICHLORO-4-(5-METHYL-2-THENOYL)PHENOXY)-
N-METHYLTHIOACETAMID (German) see: AC6370000
N-METHYLTHIOACETAMIDE see: AC6370000
L-gamma-METHYLTHIO-alpha-AMINOBUTYRIC ACID see: PD0457000
N-METHYLTHIOBENZAMIDE see: CV5598100
o-(METHYLTHIO)BENZOIC ACID see: DH4390000
2-(METHYLTHIO)BENZOIC ACID see: DH4390000
2-METHYLTHIO-4,6-BIS(ETHYLAMINO)-s-TRIAZINE see: XY4025000
2-METHYLTHIO-4,6-BIS(ISOPROPYLAMINO)-s-TRIAZINE see: XY4390000
2-METHYLTHIO-4,6-BIS(MONOETHYLAMINO)-2-TRIAZINE see: XY4025000
N-METHYL-THIOBUTABARBITAL see: CQ1953000
6-METHYLTHIOCHROMAN-7-SULFONAMIDE 1,1-DIOXIDE see: XK6360000
4-METHYLTHIO-3,5-DIMETHYLPHENYL METHYLCARBAMATE see: FC5775000
2-METHYLTHIOETHYL ACRYLATE see: AT3500000
2-METHYLTHIO-4-ETHYLAMINO-6-tert-BUTYLAMINO-s-TRIAZINE see: XY4725000
2-METHYLTHIO-4-ETHYLAMINO-6-ISOPROPYLAMINO-S-TRIAZINE see: XY9100000
2-(METHYLTHIO)ETHYL METHACRYLATE see: OZ5205000 METHACRYLIC ACID, 2-(METHYLTHIO)ETHYL ESTER
8-(2-(METHYLTHIO)ETHYL)-1-alpha-H,5-alpha-H-NORTROPAN-3-beta-OL BENZOATE HYDROCHLORIDE see: RD1592000
METHYLTHIOFANATE see: BA3675000
METHYLTHIOINOSINE see: UO8985000
6-METHYLTHIOINOSINE see: UO8985000
2-METHYLTHIO-4-ISOPROPYLAMINO-6-METHYLAMINO-s-TRIAZINE see: XZ0175000
2-METHYLTHIOLPYRIDINE see: UT6207000
METHYLTHIOMETHANE see: PV5075000
3-(METHYLTHIO)-O-((METHYLAMINO)CARBONYL)OXIME-2-BUTANONE see: EL9215000
2-(METHYLTHIO)-4-(METHYLAMINO)-6-(ISOPROPYLAMINO)-s-TRIAZINE see: XZ0175000
2-METHYLTHIO-O-(N-METHYLCARBAMOYL)-BUTANONOXIM-3 (German) see: EL9215000
8-beta-((METHYLTHIO)METHYL)-6-PROPYLERGOLINE METHANESULFONATE see: KE6345000
METHYLTHIOMETHYLPYRAZINE see: UQ3900000
3-(METHYLTHIO)-5-(1-NAPHTHYL)-as-TRIAZINE see: XZ0362200
3-(METHYLTHIO)-5-(2-NAPHTHYL)-as-TRIAZINE see: XZ0362300
METHYLTHIONINE see: SO5600000
METHYLTHIONINE CHLORIDE see: SO5600000
METHYLTHIONIUM CHLORIDE see: SO5600000
METHYL THIOPHANATE see: BA3675000
METHYLTHIOPHANATE-MANEB mixt. see: OP0480000
2-METHYLTHIOPHENE see: XM9625000
3-METHYLTHIOPHENE see: XM9800000
5-METHYL-3-THIOPHENECARBOXYLIC ACID see: XM8475000
5-METHYL-2,4-THIOPHENEDISULFONAMIDE see: XM9327000
4-METHYLTHIOPHENYLDIMETHYL PHOSPHATE see: TC5075000
beta-METHYLTHIO-beta-PHENYLETHYLAMINE HYDROCHLORIDE see: SI1780000
5-(p-METHYLTHIO)PHENYL)-2-FURAMIDINE HYDROCHLORIDE see: LT8521300
3-(METHYLTHIO)-5-PHENYL-as-TRIAZINE see: XZ0362400
METHYLTHIOPHOS see: TG0175000
N-METHYLTHIOPIPERIDONE-2 see: TN4225200
3-(METHYLTHIO)PROPANAL see: UE2285000
beta-(METHYLTHIO)PROPIONALDEHYDE see: UE2285000
3-(METHYLTHIO)PROPIONALDEHYDE see: UE2285000
2-METHYLTHIO-PROPIONALDEHYD-O-(METHYLCARBAMOYL)-OXIM (German) see: AK2975000
6-METHYLTHIOPURINE RIBONUCLEOSIDE see: UO8990000
6-METHYLTHIOPURINE RIBOSIDE see: UO8985000
METHYLTHIO-2 PYRIDINE (French) see: UT6207000
2-(METHYLTHIO)PYRIDINE see: UT6207000
N-METHYLTHIO-2-PYRIDINEACETAMIDE see: UR8464700
3-METHYLTHIO-2-PYRIDINEACETAMIDE see: UR8464800
4-METHYLTHIO-2-PYRIDINEACETAMIDE see: UR8464810
5-METHYLTHIO-2-PYRIDINEACETAMIDE see: UR8464820
6-METHYLTHIO-2-PYRIDINEACETAMIDE see: UR8464830
N-METHYLTHIOPYRIDONE-2 (French) see: UT9830000
6-METHYL-2-THIO-2,4-(1H3H)-PYRIMIDINEDIONE see: YR0875000
6-(METHYLTHIO)-9-beta-D-RIBOFURANOSYL-9H-PURINE 5'-(DIHYDROGEN PHOSPHATE) see: UO8990000
4-METHYLTHIO-TETRACHLOROTHIOPHENOL see: DC1947000
3-(METHYLTHIO)-5-(2-THIENYL)-as-TRIAZINE see: XZ0362500
3-(METHYLTHIO)-5-(p-TOLYL)-as-TRIAZINE see: XZ0362600
4-(p-(3-(METHYLTHIO)-as-TRIAZIN-5-YL)PHENYL)MORPHOLINE see: XZ0362100
3-(METHYLTHIO)-5-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-as-TRIAZINE see: XZ0362700
METHYLTHIOURACIL see: YR0875000
4-METHYL-2-THIOURACIL see: YR0875000
6-METHYLTHIOURACIL see: YR0875000
6-METHYL-2-THIOURACIL see: YR0875000
METHYL THIOUREA see: YT9000000
1-METHYLTHIOUREA see: YT9000000
(+)-N-METHYL-N-(alpha-METHYLPHENETHYL)TETRAHYDROFURFURYLAMINE HYDROCHLORIDE see: LV0281000
3-METHYL-2-THIOXO-4-IMIDAZOLINE-1-CARBOXYLIC ACID ETHYL ESTER see: NJ2441000
5-METHYL-6-THIOXOTETRAHYDRO-3-THIADIAZINEACETIC ACID see: XI2400000
4-(METHYLTHIO)-3,5-XYLYL METHYLCARBAMATE see: FC5775000
METHYL THIRAM see: JO1400000
METHYL THIURAMDISULFIDE see: JO1400000
2-METHYL-2-(THYMYLOXY)PROPIONIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: UF6133000
METHYLTIN TRICHLORIDE see: WH8585500
METHYL alpha-TOLUATE see: AJ3175000
METHYL p-TOLUATE see: XU2150000
METHYL 4-TOLUATE see: XU2150000
o-METHYLTOLUENE see: ZE2450000
p-METHYLTOLUENE see: ZE2625000
METHYL-p-TOLUENESULFONATE see: XT7000000
METHYL TOLUENE-4-SULFONATE see: XT7000000
alpha-METHYL-alpha-TOLUIC ALDEHYDE see: CY1460000
2-METHYL-p-TOLUIDINE see: ZE8925000
4-METHYL-o-TOLUIDINE see: ZE8925000
5-METHYL-o-TOLUIDINE see: ZE9100000
6-METHYL-m-TOLUIDINE see: ZE9100000
2-METHYL-p-TOLUIDINE HYDROCHLORIDE see: ZF0175000
4-METHYL-o-TOLUIDINE HYDROCHLORIDE see: ZF0175000
5-METHYL-o-TOLUIDINE HYDROCHLORIDE see: ZF0350000
6-METHYL-m-TOLUIDINE HYDROCHLORIDE see: ZF0350000
1-METHYL-5-(p-TOLUOYL)-2-PYRROLEACETIC ACID see: UX9290000
1-METHYL-5-p-TOLUOYL-PYRROLE-2-ACETIC ACID see: UX9287000
N-METHYL-p-(m-TOLYLAZO)ANILINE see: BY6350000
N-METHYL-p-(o-TOLYLAZO)ANILINE see: BY6400000
N-METHYL-p-(p-TOLYLAZO)ANILINE see: BY6450000
N-METHYL-2-(alpha-(2-TOLYLBENZYL)OXY)ETHYLAMINE HYDROCHLORIDE see: KR9100000
1-METHYL-4-(alpha-m-TOLYLBENZYL)PIPERAZINE DIHYDROCHLORIDE see: TM1885100
3-METHYL-4-p-TOLYL-3-BUTENOIC ACID see: EM9258000
METHYL 3-(m-TOLYLCARBAMOYLOXY)PHENYLCARBAMATE see: FD9050000
METHYL-p-TOLYLCARBINOL see: DO4565000
2-METHYL-3-o-TOLYL-4(3H)-CHINAZOLINON (German) see: VA3850000
2-METHYL-3-o-TOLYL-4(3H)-CHINAZOLON see: VA3850000
(2-METHYL-3-(o-TOLYL)-3,4-DIHYDRO-4-(QUINAZOLINONE) see: VA3850000
METHYL p-TOLYL ETHER see: BZ8780000
2,2'-((METHYL(p-TOLYL)GERMYLENE)DITHIO)BIS(1-PROPYLAMINE) see: UI4110000 1-PROPYLAMINE,2,2'-((METHYL(p-TOLYL)GERMYLENE)DITHIO)BIS-
1-METHYL-3-((1-(o-TOLYLIMIDAZOL-2-YLTHIO)ACETYL)UREA see: YT9010000
METHYL p-TOLYL KETONE see: AM9463000
2-METHYL-3-TOLYL-4-OXYBENSDIAZINE see: VA3850000
2-METHYL-2-((m-TOLYLOXY)METHYL)-1,3-PROPANEDIOL see: TZ0622000
2-METHYL-2-((o-TOLYLOXY)METHYL)-1,3-PROPANEDIOL see: TZ0622010
2-METHYL-2-((p-TOLYLOXY)METHYL)-1,3-PROPANEDIOL see: TZ0622020
2-METHYL-3-o-TOLYL-4(3H)-QUINAZOLINONE see: VA3850000
2-METHYL-3-o-TOLYL-4-QUINAZOLONE see: VA3850000
2-METHYL-3-(2-TOLYL)QUINAZOL-4-ONE see: VA3850000
2-METHYL-3-o-TOLYL-6-SULFAMYL-7-CHLORO-1,2,3,4-TETRAHYDRO-4-QUINAZOLINONE see: VA1700000

4-METHYL-3-(m-TOLYL)SYDNONE see: WU7690700
4-METHYL-3-(p-TOLYL)SYDNONE see: WU7690800
2-METHYL-2-(p-TOLYL)-1-THIA-3-AZA-2-SILACYCLOPENTANE see: XI0650000
2-METHYL-2-(p-TOLYL)-1,3,2-THIAZAGERMOLIDINE see: XJ0419000
3-METHYL-1-(p-TOLYL)-TRIAZENE see: XY2785500
METHYL TOPSIN see: BA3675000
METHYL TOSYLATE see: XT7000000
METHYL p-TOSYLATE see: XT7000000
4-O-METHYL-TPA see: GZ0594000
METHYLTRETAMINE see: XZ2710000
5-(3-METHYL-1-TRIAZENO)IMIDAZOLE-4-CARBOXAMIDE see: NI4000000
5-(3-METHYL-d3-1-TRIAZENO)IMIDAZOLE-4-CARBOXAMIDE see: NI4000300
6-METHYL-as-TRIAZINE-3,5-DIOL see: XY7660000
6-METHYL-as-TRIAZINE-3,5-(2H,4H)-DIONE see: XY8050000
6-METHYL-1,2,4-TRIAZINE-3,5-DIONE see: XY8050000
6-METHYL-1,2,4-TRIAZINE-3,5(2H,4H)-DIONE see: XY8050000
5-METHYL-1,2,4-TRIAZOLE(3,4-b)BENZOTHIAZOLE see: XZ5475000
2'-METHYL-1,2:4,5:8,9-TRIBENZOPYRENE see: HP5775000
METHYLTRICAPRYLYLAMMONIUM CHLORIDE see: BR8575000
METHYL TRICHLORIDE see: FS9100000
METHYL TRICHLOROACETATE see: AJ8380000
METHYL TRICHLOROACETATE (DOT) see: AJ8380000
METHYLTRICHLOROMETHANE see: KJ2975000
O-METHYL O-(2,4,5-TRICHLOROPHENYL) AMIDOPHOSPHOROTHIOATE see: TB5950000
O-METHYL O-(2,4,5-TRICHLOROPHENYL) AMIDOTHIOPHOSPHATE see: TB5950000
O-METHYL O-2,4,5-TRICHLOROPHENYL PHOSPHORAMIDOTHIOATE see: TB5950000
O-METHYL O-(2,4,5-TRICHLOROPHENYL) PHOSPHOROAMIDOTHIOATE see: TB5950000
(1-METHYL-3-(2,4,6-TRICHLOROPHENYL)-2-TRIAZENO)METHYL-beta-D-GLUCOPYRANOSIDE URONIC ACID see: LZ6503000
METHYLTRICHLOROSILANE see: VV4550000
METHYLTRICHLOROSILANE (DOT) see: VV4550000
METHYLTRICHLOROSTANNANE see: WH8585500
METHYLTRICHLOROTIN see: WH8585500
METHYL-TRICHLORSILAN (Czech) see: VV4550000
alpha-METHYLTRICYCLO(3.3.1.1(sup 3,7))DECANE-1-METHANAMINE HYDROCHLORIDE see: AU4717000
1-METHYLTRICYCLOQUINAZOLINE see: YD2990000
3-METHYLTRICYCLOQUINAZOLINE see: YD2995000
4-METHYLTRICYCLOQUINAZOLINE see: YD3000000
2-((1-METHYLTRIDECYL)AMINO)ETHANOL HYDROCHLORIDE see: KL8230000 ETHANOL, 2-((1-METHYLTRIDECYL)AMINO)-, HYDROCHLORIDE
2,2'-((1-METHYLTRIDECYL)IMINO)BISETHANOL HYDROCHLORIDE see: KL8231000 ETHANOL, 2,2'-((1-METHYLTRIDECYL)IMINO)BIS-, HYDROCHLORIDE
METHYL TRIFLUORIDE see: PB6900000
4-METHYL-2-((3,4,4-TRIFLUORO-3-BUTENYL)THIO)PYRIMIDINE see: UV9350000
(+)-alpha-METHYL-N-(m-TRIFLUOROMETHYL)BENZYL)PHENETHYLAMINE HYDROCHLORIDE see: SI1870000
5-METHYL-2-TRIFLUOROMETHYLOXAZOLIDINE see: RQ2130000
6-METHYL-1,3,8-TRIHYDROXYANTHRAQUINONE see: CB7920600
METHYL 3,4,5-TRIHYDROXYBENZOATE see: LW8000000
2-METHYL-7,9,11-TRIHYDROXY-3,4,5,6-TETRAHYDRO-2,6-EPOXY-2H-ANTHRA(2,3-b)OXOCIN-8,13-DIONE see: KC4150000
N-METHYL-N-(2,4,6-TRIIODO-3-AMINOPHENYL)GLUTARAMIDIC ACID see: SA3678000
N-METHYL-2',4',6'-TRIIODOSUCCINANILIC ACID see: WM4751000
N-METHYL-N-(2,4,6-TRIJOD-3-AMINOPHENYL)-GLUTARAMIDSAEURE (German) see: SA3678000
N-METHYL-N-(2,4,6-TRIJOD-3-AMINOPHENYL)-METHYLSUCCINAMIDSAEURE (German) see: WM4210000
N-METHYL-N-(2,4,6-TRIJOD-3-AMINOPHENYL)-SUCCINAMIDSAEURE (German) see: WM4240000
N-METHYL-N-(2,4,6-TRIJODPHENYL)-SUCCINAMIDSAEURE (German) see: WM4751000
7-METHYL-3-(3,4,5-TRIMETHOXYBENZOYL)BISPIDINE FUMARATE see: HM0353200
7-METHYL-3-(3,4,5-TRIMETHOXYBENZOYL)-3,7-DIAZABICYCLO(3.3.1)NONANE FUMARATE see: HM0353200
METHYL 18-O-(3,4,5-TRIMETHOXYCINNAMOYL RESERPATE see: ZG0700000
METHYLTRIMETHYLENE GLYCOL see: EK0440000
METHYL TRIMETHYLOL METHANE TRINITRATE (DOT) see: TY7270000
1-METHYL-3-(TRIMETHYLSILYL)-2-PYRROLIDINONE see: UY5883000 2-PYRROLIDINONE, 1-METHYL-3-(TRIMETHYLSILYL)-
1-METHYL-(3-TRIMETHYLSILYL)PYRROLIDONE-2 see: UY5883000
METHYLTRIOCTYLAMMONIUM CHLORIDE see: BR8575000
4-METHYL-2,6,7-TRIOXA-1-ARSABICYCLO(2.2.2)OCTANE see: YJ8968000
1-METHYL-4-(3,3,3-TRIS(p-CHLOROPHENYL)PROPIONYL)PIPERAZINE MONOHYDROCHLORIDE see: TM1925000
METHYLTRIS(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)STANNANE see: WH8586000
METHYL TRITHION see: TD5425000
8-METHYLTROPINIUM BROMIDE 2-PROPYLVALERATE see: YM3710000
4-METHYL-TROPOLONE see: GU4550000
alpha-METHYLTRYPTAMINE ACETATE see: NL4575000
alpha-METHYLTRYPTAMINE HYDROCHLORIDE see: NL4709000
METHYL TUADS see: JO1400000
2-METHYL-2-((2-NAPHTHYLOXY)METHYL)-1,3-PROPANEDIOL see: TY8900000
4-METHYLUMBELLIFERONE-O,O-DIETHYL THIOPHOSPHATE see: GN7525000
4-METHYLUMBELLIFERONE 4-GUANIDINOBENZOATE see: DH1422000
METHYL 9-UNDECENOATE see: YQ2978800
METHYL 10-UNDECENOATE see: YQ2978800
2-((1-METHYLUNDECYL)AMINO)ETHANOL HYDROCHLORIDE see: KL8530000 ETHANOL, 2-((1-METHYLUNDECYL)AMINO)-, HYDROCHLORIDE
METHYL UNDECYLENATE see: YQ2978800
2,2'-((1-METHYLUNDECYL)IMINO)BISETHANOL HYDROCHLORIDE see: KL8540000 ETHANOL, 2,2'-((1-METHYLUNDECYL)IMINO)BIS-, HYDROCHLORIDE
4-METHYLURACIL see: YR0700000
4-METHYLURACIL see: YR0875000
5-METHYLURACIL see: XP2100000
6-METHYLURACIL see: YR0700000
METHYL UREA and SODIUM NITRITE see: YT8900000
METHYLUREA and SODIUM NITRITE (1:1) see: YT8880000
METHYLURETHAN see: FC2450000
N-METHYL URETHAN see: FC2625000
METHYLURETHANE see: FC2450000
n-METHYLURETHANEBENZENESULFOHYDRAZINE see: FD9781950 CARBANILIC ACID, p-SULFO-, N-METHYLESTER, S-HYDRAZIDE
N-METHYLURETHANE of DIHYDROBROMIDE of N-METHYL-N-beta-DIETHYLAMINOETHYL-4-AMINOPHENOL see: SL0552000
N-METHYLURETHANE of DIHYDROCHLORIDE of 2-HYDROXY-4-DIMETHYLAMINOBENZYLDIMETHYLAMINE see: GO6862000
N-METHYLURETHANE of 3-DIMETHYLAMINO-p-CRESOL METHIODIDE see: BR6315010
N-METHYLURETHANE of HYDRIODIDE of 8-HYDROXY-1-METHYL-1,2,3,4-TETRAHYDROQUINOLINE see: NX6032000
N-METHYLURETHANE of HYDROCHLORIDE of 6-CHLORO-3-DIMETHYLAMINOPHENOL see: FB5710000
N-METHYLURETHANE of HYDROCHLORIDE of 2-DIMETHYLAMINO-p-CRESOL see: FC0528000
N-METHYLURETHANE of HYDROCHLORIDE of 3-DIMETHYLAMINO-4-ISOPROPYLPHENOL see: SL1875000
N-METHYLURETHANE of HYDROCHLORIDE of 3-DIMETHYLAMINOPHENOL see: FB9895000
N-METHYLURETHANE of HYDROCHLORIDE of 6-DIMETHYLAMINO-o-4-XYLENOL see: FC0730000
N-METHYLURETHANE of HYDROCHLORIDE of 7-HYDROXY-1-METHYL-1,2,3,4-TETRAHYDROQUINOLINE see: FC7660000
N-METHYLURETHANE of HYDROCHLORIDE of 8-HYDROXYQUINOLINE see: FC7565000
N-METHYLURETHANE of HYDROCHLORIDE of 2,4-TETRAMETHYLDIAMINOPHENOL see: SJ7785400
N-METHYLURETHANE of HYDROCHLORIDE of 2,5-TETRAMETHYLDIAMINOPHENOL see: SJ7785500
alpha-METHYL VALERALDEHYDE (DOT) see: YV4150000
METHYL VALERATE see: YV7750500 VALERIC ACID, METHYL ESTER
METHYL n-VALERATE see: YV7750500 VALERIC ACID, METHYL ESTER
METHYL VALERIANATE see: YV7750500 VALERIC ACID, METHYL ESTER
alpha-METHYLVALERIC ACID see: YV7700000
2-METHYLVALERIC ACID see: YV7700000
4-METHYLVALERONITRILE see: YV8588000
METHYLVANILLIN see: YX5088000
4-O-METHYLVANILLIN see: YX5088000
trans-8-METHYL-N-VANILLYL-6-NONENAMIDE see: RA8530000
METHYLVINYL ACETATE see: UD4200000
METHYL VINYL CARBINOL see: EM9275050
METHYL-VINYL-CETONE (French) see: EM9800000
1-METHYL-1-(1-VINYLCYCLOHEXYL)PYRROLIDINIUM IODIDE see: UY4572000
2,2'''-((METHYLVINYLENE)BIS(p-(PHENYLENEOXY))BIS(TRIETHYLAMINE) DIHYDROCHLORIDE see: YE2117000
((METHYLVINYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE) see: BR8630000
METHYL VINYL ETHER see: KO2300000
METHYLVINYLKETON (German) see: EM9800000
METHYLVINYL KETONE see: EM9800000
METHYL VINYL KETONE, inhibited (DOT) see: EM9800000
METHYLVINYLNITROSAMIN (German) see: YZ0875000
METHYLVINYLNITROSAMINE see: YZ0875000
METHYLVINYLOXYETHYL SULFIDE see: WQ5600000
2-METHYL-5-VINYLPYRIDINE see: UT2975000
6-METHYL-2-VINYLPYRIDINE see: UT2974000 PYRIDINE, 2-ETHENYL-6-METHYL-
METHYL VIOLET see: GC8425000
METYHL VIOLET see: GE4518000
METHYL VIOLET 2B see: GC8425000
METHYL VIOLET 10B see: BO9000000
METHYL VIOLET BB see: GC8425000
METHYL VIOLET 10BD see: BO9000000
METHYL VIOLET 10BK see: BO9000000
METHYL VIOLET 10BN see: BO9000000
METHYL VIOLET 5BNO see: BO9000000
METHYL VIOLET 10BNS see: BO9000000
METHYL VIOLET 5BO see: BO9000000
METHYL VIOLET 10BO see: BO9000000
METHYL VIOLET FN see: GC8425000
METHYL VIOLET LAKE see: GE4518000
METHYL VIOLET N see: GC8425000
METHYL VIOLET PMA LAKE VA-4150 see: GE4518000
METHYL-VIOLETT (German) see: GC8425000
METHYLVIOLOGEN see: DW2275000
METHYL VIOLOGEN DICHLORIDE see: DW2275000
METHYL VIOLOGEN (REDUCED) see: DW2275000
N-METHYL-N'-(2,4-XYLYL)FORMAMIDINE HYDROCHLORIDE see: LQ4593400
1-METHYL-3-((1-(2,4-XYLYL)IMIDAZOL-2-YLTHIO)ACETYL)UREA see: YT9060000
1-METHYL-3-((1-(2,6-XYLYL)IMIDAZOL-2-YLTHIO)ACETYL)UREA see: YT9062000
1-METHYL-2-(2,6-XYLYLOXY)-ETHYLAMINE HYDROCHLORIDE see: KR9310000
N-METHYL-N'-2,4-XYLYL-N-(N-2,4-XYLYLFORMIMIDOYL)FORMAMIDINE see: ZF0480000
METHYL YELLOW see: BX7350000
METHYL ZIMATE see: ZH0525000
METHYL ZINEB see: ZH0525000
METHYLZINEB see: ZH4950000
METHYL ZIRAM see: ZH0525000
METHYPRANOL see: UB6500000
METHYPROLON see: TM7350000
METHYPRYLON see: TM7350000
METHYRIMOL see: UW6025000
METHYSERGID see: KE5300000
METHYSERGIDE see: KE5300000
METHYSERGIDE BIMALEATE see: KE5400000
METHYSERGIDE DIMALEATE see: KE5400000
METHYSTICIN see: UQ0517000
(+)-METHYSTICIN see: UQ0517000
METIAMIDE see: YT7750000
METIDIONE see: BV8100000
METIAZIC ACID see: SN5100000
METIAZINIC ACID see: SN5100000
METICLORPINDOL see: UU7711500
METICORTELANE see: TU4153500
METICORTELONE see: TU4152000
METICORTELONE ACETATE see: TU4152500
METICORTEN see: TU4154100
METICRAN see: XK6360000
METICRANE see: XK6360000
METI-DERM see: TU4152000
METIFEX see: OD4725000
METIFONATE see: TA0700000
METIGUANIDE see: DU1800000 BIGUANIDE, 1,1-DIMETHYL-, HYDROCHLORIDE
METILACRILATO (Italian) see: AT2800000
METILAMIL ALCOHOL (Italian) see: SA7350000
METILAMINE (Italian) see: PF6300000
1-METILBIGUANIDE CLORIDRATO (Italian) see: DU2042000
3-METIL-BUTANOLO (Italian) see: EL5425000
METIL CELLOSOLVE (Italian) see: KL5775000
trans-alpha-METIL-N-(2-CIANOETIL)-4-FENILCICLOESILMETILAMMINA CLORIDRATO (Italian) see: UG4300000
2-METILCICLOESANONE (Italian) see: GW1750000
METILCLOROFORMIATO (Italian) see: FG3675000
METILDIGOXIN see: FH5310000
METILDIGOXIN see: FH4920605
METILDIOLO see: BV8100000
N-METIL-DITIOCARBAMMATO DI SODIO (Italian) see: FC2100000
METILE (ACETATO DI) (Italian) see: AI9100000
METILENBIOTIC see: QI9276000
O,O-METILEN-BIS(4-CLORO-FENOLO) (Italian) see: SM0175000

3,3'-METILEN-BIS(4-IDROSSI-CUMARINA) (Italian) see: GN7875000
4,4-METILENE-BIS-0-CLOROANILINA (Italian) see: CY1050000
(6-(1-METIL-EPITL)-2,4-DINITRO-FENIL)-CROTONATO (Italian) see: GQ5775000
METILESTER del ACIDO BISDEHIDROISYNOLICO (Spanish) see: SF7300000
7-METILETER del ACIDO BISDEHIDRODOISYNOLICO (Spanish) see: VS3050000
METILETILCHETONE (Italian) see: EL6475000
3-METIL-3-FENIL-2-AZETIDINONE (Italian) see: CM4557000
METIL (FORMIATO DI) (Italian) see: LQ8925000
METILGLUCAMINA SALE DI ACIDO SALICILICO (Italian) see: VO2330000
METILISOBUTILCHETONE (Italian) see: SA9275000
METIL ISOCIANATO (Italian) see: NQ9450000
METILMERCAPTANO (Italian) see: PB4375000
METILMERCAPTOFOSOKSID see: TG1420000
METIL METACRILATO (Italian) see: OZ5075000
N-METIL-1-NAFTIL-CARBAMMATO (Italian) see: FC5950000
N-(4-(beta-(5-METILOSSAZOL-3-CARBOSSAMIDO)-ETIL)-BENZENESOLFONIL)-N(sup 1)-CICLOESIL-UREA see: YS7609600
4-METIL-6-OSSIPIRIMIDIN-2-alpha-TIOISOBUTIRRICO (Italian) see: UV6309000
METILPARAFINOLO see: SC4900000
METILPARATION (Hungarian) see: TG0175000
4-METILPENTAN-2-OLO (Italian) see: SA7350000
4-METILPENTAN-2-ONE (Italian) see: SA9275000
4-METIL-3-PENTEN-2-ONE (Italian) see: SB4200000
METILPENTINOLO see: SC4900000
(6-(1-METIL-PROPIL)-2,4-DINITRO-FENIL)-3,3-DIMETIL-ACRILATO (Italian) see: GQ5600000
6-(1-METIL-PROPIL)-2,4-DINITRO-FENOLO (Italian) see: SJ9800000
alpha-METIL-STIROLO (Italian) see: WL5075300
2-METIL-2-TIOMETIL-PROPIONALDEID-0-(N-METIL-CARBAMOIL)-OSSIMA (Italian) see: UE2275000
6-METIL-TIOURACILE (Italian) see: YR0875000
METILTRIAZOTION see: TE1925000
METINDOL see: NL3500000
METIONE see: PD0456000
D-METIONIEN (Australian) see: PD0455000
DL-METIONIEN (Australian) see: PD0456000
METIPRANOLOL see: UB6500000
METIPREGNONE see: TU5010000
METIPRILONE see: TM7350000
METIRAM (9CI) see: TR6250000

PX4520050 METIRAM, METHYL-
UPDT:8309 CAS: 8064-35-5
SYN: BASFUNGIN * BASFUNGINE * METHYL METIRAM * PROPYLENE BISDITHIOCARBAMATE

MUTATION DATA AND REFERENCES:

	mrc-smc 1000 ppm	MUREAV 10,533,70

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T85	orl-rat TDLo:312 mg/kg (1-20D preg)	DBANAD 29,1227,76
1T83	orl-rat TDLo:250 mg/kg (13D preg)	JHEMA2 24,295,80
1T83	orl-mus TDLo:250 mg/kg (13D preg)	JHEMA2 24,295,80
1T85	orl-mus TDLo:328 mg/kg (1-21D preg)	JHEMA2 24,295,80

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:5200 mg/kg	KHZDAN 20,515,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

METIZOL see: NI8615000
METIZOLIN see: AF9700000
METMERCAPTURON see: FC5775000
METOBROMURON see: YS3325000
METOCHIN see: AR7875000
METOCLOPRAMIDE DIHYDROCHLORIDE MONOHYDRATE see: BZ3320000
METOCRYST see: BV8100000
METOFANE see: KN7820000
METOKSYCHLOR (Polish) see: KJ3675000
METOKSYETYLOWY ALKOHOL (Polish) see: KL5775000
METOLACHLOR see: AN3430000
METOLAZONE see: VA1700000
METOLOSE MC 8000 see: FJ5959000
METOLOSE 60SH see: FJ5959000
METOLOSE 60SH400 see: FJ5959000
METOLOSE SM 15 see: FJ5959000
METOLOSE SM 100 see: FJ5959000
METOLOSE SM 4000 see: FJ5959000
METOLQUIZOLONE see: VA3850000
METOMIL (Italian) see: AK2975000
METON see: BQ8650000
METOPIMAZINE see: NS5075000
METOPIRON see: UC3050000
METOPIRON see: UC3060000
METOPIRONE see: UC3050000
METOPIRONE DITARTRATE see: UC3060000
METOPRINE see: UV8180000
METOPROLOL see: UB7875400
(+-)-METOPROLOL see: UB7875400
METOPROLOL HEMITARTRATE see: UB7450100
METOPROLOL TARTRATE see: UB7450000
METOPROLOL TARTRATE see: UB7450100
METOPRYL see: KO2280000
METOPYRONE see: UC3050000
METOQUIN see: AR7875000
METOQUINE see: AR7875000
(2-METOSSICARBONIL-1-METIL-VINIL)-DIMETIL-FOSFATO (Italian) see: GQ5250000
2-METOSSIETANOLO (Italian) see: KL5775000
2-METOSSIETILACETATO (Italian) see: KL5950000
S-((5-METOSSI-4H-PIRON-2-IL)-METIL)-0,0-DIMETIL-MONOTIOFOSFATO (Italian) see: TF8225000
METOSSIPROPANDIOLO see: TY8400000
METOTHYRINE see: NI8615000
METOX see: WQ2975000
METOX see: KJ3675000
METOXADONE see: RQ3500000
METOXAL see: WP0700000
METOXFLURAN see: KN7820000
METOXIDON see: WO9030000
METOXIFLURAN see: KN7820000
METOXON see: FD8050000
METOXURON see: YS5775000
METOXYDE see: DH2450000
4-0-METPA see: GZ0668250
METRACTYL see: TZ0175000
METRAMAC see: TF0525000
METRAMAK see: TF0525000
METRANIL see: RZ2620000
METRASPRAY see: DG4725000
METRAZOL see: XF8225000
METRAZOLE see: XF8225000
METRIBEN see: BZ5075000
METRIBUZIN see: XZ2990000
METRIFONATE see: TA0700000
METRIPHONATE see: TA0700000
METRISONE see: TU4146000
METRIZAMIDE see: LZ6650000
METRIZOATE see: DG0887300
METRIZOATE de METHYLGLUCAMINE (French) see: LZ4295840
METRIZOIC ACID see: DG0887300
METRO see: WW2710000
METRODIOL see: RC8963000
METRODIOL DIACETATE see: RC8963000
METROGEN RED FORMER KB SOLN see: XU5075000
METROGESTONE see: TU3832300
METRON see: TG0175000
METRONE see: BV8400000
METRONIDAZ see: NI5600000
METRONIDAZOL see: NI5600000
METRONIDAZOLE see: NI5600000
METRONIDAZOLE, reduced see: NI5604000
METRONIDAZOLO see: NI5600000
METROPINE see: CK2800000
METRORAT see: QD0222000
METRO TALC 4604 see: WW2710000
METRO TALC 4608 see: WW2710000
METRO TALC 4609 see: WW2710000
METROXEDRINE see: DO7525000
METSO 20 see: VV9275000
METSO BEADS 2048 see: VV9275000
METSO BEADS, DRYMET see: VV9275000
METSO PENTABEAD 20 see: VV9275000
MET-SPAR see: EW1760000
METSUCCIMIDE see: WN2625000
METYCAINE see: TN3320000
METYCAINE HYDROCHLORIDE see: TN3325000
METYLAL (Polish) see: PA8750000
METYLENO-BIS-FENYLOIZOCYJANIAN (Polish) see: MO1740000
METYLENU CHLOREK (Polish) see: PA8050000
METYLESTER KYSELINY SALICYLOVE (Czech) see: VO4725000
METYLOAMINA (Polish) see: PF6300000
METYLOCYKLOHEKSAN (Polish) see: GV6125000
METYLOCYKLOHEKSANOL (Polish) see: GW0175000
METYLOCYKLOHEKSANON (Polish) see: GW1575000
METYLOETYLOKETON (Polish) see: EL6475000
METYLOHYDRAZYNA (Polish) see: MV5600000
METYLOIZOBUTYLOKETON (Polish) see: SA9275000
1-METYLO 2 MERKAPTOIMIDAZOLEM (Polish) see: NI8615000
N-METYLO-N'-NITRO-N-NITROZOGUANIDYNY (Polish) see: MF4200000
METYLOPARATION (Polish) see: TG0175000
METYLOPROPYLOKETON (Polish) see: SA7875000
METYLOWY ALKOHOL (Polish) see: PC1400000
METYLPARATION (Czech) see: TG0175000
N-METYLPYRIDINIUM-2-ALDOXIME CHLORIDE see: UU4200000
METYLU BROMEK (Polish) see: PA4900000
METYLU CHLOREK (Polish) see: PA6300000
METYLU JODEK (Polish) see: PA9450000
METYPRAPONE BITARTRATE see: UC3060000
METYRAPONE see: UC3050000
METYRAPON see: UC3050000
METYRAPONE DITARTRATE see: UC3060000
METYRAPONE TARTRATE see: UC3060000

PX9040000 MEUHLENBECKIA PLATYCLADOS Meissn., stem extract
DEF:Indian plant belonging to the family POLYGONACEAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:

2M10Y55	ipr-mus LD50:500 mg/kg	IJEBA6 15,208,77

MEVINFOS (Dutch) see: GQ5250000
MEVINOLIN see: EK7907000
MEVINOLINIC ACID AMMONIUM SALT see: QJ7180000
MEVINPHOS see: GQ5250000
MEVINPHOS (DOT) see: GQ5250000
MEXACARBATE see: FC0700000
MEXACARBATE (DOT) see: FC0700000
MEXAMINE see: NL4110000
MEXENE see: ZH0525000
MEXICAN FLAME LEAF see: LE5943000
MEXICAN FLAME TREE see: LE5943000
MEXICAN FLOWER PLANT see: LE5943000
MEXIDE see: DJ2800000
MEXIDEX see: TU3980000
MEXILETINE HYDROCHLORIDE see: KR9310000
MEXITIL see: KR9310000
MEXOCINE see: QI7650000
MEXOCINE see: QI7700000
MEXOMINE see: NL4110000
MEXYL see: CF8400000

PX9558000 MEYNA LAXIFLORA Robyns, extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 9,91,71)
UPDT:8305
SYN: ALU EXTRACT

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1000 mg/kg	IJEBA6 9,91,71

MEYPRALGIN R/LV see: AZ5820000
MEZARONIL see: XY3280000
MEZATON see: DO7175000
MEZATON see: DO7525000
R(-)-MEZATON see: DO7175000
MEZCALINE see: SI2625000
MEZCLINE see: SI2625000
MEZENE see: ZH0525000
MEZEPAN see: DE9070000
MEZEREIN see: HB5425500
MEZETHRAMYCIN A see: UC6475850
MEZIDINE see: BZ0700000 ANILINE, 2,4,6-TRIMETHYL-
MEZINEB see: ZH4950000

MEZINIUM METHYL SULFATE see: UR6066500
MEZLOCILLIN SODIUM HYDRATE see: XH9165000
MEZOLIN see: NL3500000

PX9892200 MEZONEURON CUCULLATUM Wt. & Arn., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:
3M10U26Y55 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

MEZOTOX see: KN8400000
MEZURON see: XY3280000
MF see: YU1610000
MF 1 see: YU1610000
MF 17 see: YU1610000
MF 27 see: YU1610000
MF-344 see: XI3875000
MF 565 see: OP0480000
MF 598 see: OP0480000
MFA see: AT4810000
MFA see: AH5950000
MFH see: LQ8940000
MFI see: TA8400000
MFI-PC see: XH8680000
MFM see: AT4810000
M 60 (FORMALDEHYDE POLYMER) see: YU1610000
MFPS 1 see: YU1610000
MFR 4 see: UD1842000
MF RESIN see: YU1610000
MG 46 see: UE9458000
Mg 148 see: WM4100000
Mg 164 see: WM3435000
M.G. 1174 see: UI0901000
M.G. 1220 see: UI0960000
M.G. 1229 see: UI0901010
M.G. 1230 see: UI0960100
M.G. 1559 see: ES7400000
M.G. 1779 see: AS8990000
M.G. 2552 see: NK5250000
M.G. 3062 see: UT4757000
M.G. 3115 see: TN0418500
M.G. 5068 see: AS9080000
M.G. 6669 see: GV6340000
M.G. 6899 see: GV6170000
M.G. 6933 see: UG4300000
M.G. 7024 see: TM2693927
M.G. 8001 see: GE0407000
MG 8926 see: UI0672500
M.G. 13608 see: JI1300000
MG 13662 see: GU5850000
MG 18370 see: SH4025000
MG 18370 see: SH4950000
MG 18570 see: SH4025000
MG 18570 see: SH4950000
M.G. 18747 see: UF4894600
M.G. 18749 see: AI3120000
M.G. 18755 see: UF4894000
M.G. 18767 see: AF9260000
M.G. 18806 see: UF4894700
M.G. 18821 see: SG8453000
M.G. 18822 see: UE8940000
M.G. 18823 see: UF4894500
M.G. 18827 see: UE8930000
M.G. 18832 see: ET4870010
M.G. 18834 see: UF4894800
M.G. 18841 see: NK7926500
M.G. 18860 see: ET4870000
M.G. 18867 see: DI4625000
M.G. 18869 see: UF4894900
M.G. 18878 see: DH2970000
M.G. 18881 see: UF4894300
M.G. 18885 see: EL8570000
MGA see: TU4141000
MGA 100 see: TU4141000
MGA 100 (STEROID) see: TU4141000
M7-GIFTKOERNER see: XG6800000
MGK 11 see: HP5075000
MGK-264 see: RB8575000
MGK 326 see: US8000000
MGK DIETHYLTOLUAMIDE see: XS3675000
MGK DOG and CAT REPELLENT see: YQ2820000
MGK R-326 see: US7980000
MGK R-326 see: US8000000
MGK REPELLENT II see: HP5075000
MGK REPELLENT 11 see: HP5075000
MGK REPELLENT 326 see: US7980000
MGK REPELLENT-326 see: US8000000
MGK REPELLENT 874 see: KL9700000
MGLAWIK F see: TG0350000
MH see: UR5950000
M. H. see: OW2500000
M-2H see: WM9670000
MH 4 see: UD1842000
MH 30 see: UR5950000
MH-30 see: UR6000000
MH-40 see: UR5950000
M. H. 090 see: YT0200000

PY1030000 MH 101, high-boiling petroleum product
DEF:A petroleum derivative, high-boiling catalytically cracked oil (CNREA8 16,951,56)
UPDT:8401

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mky TDLo:3943 mg/kg/46W-I CNREA8 16,951,56
3V03P60V10 skn-mky TD :4514 mg/kg/53W-I CNREA8 16,951,56

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MH-532 see: UB9275000
MH 101-2 see: TR0400000
MH 36 BAYER see: UR5950000
MHIP see: UB7578500
MHOROMER see: OZ4725000
MHOROMER BM801 see: UC6475000
MHP see: UB8590000
3-MI see: NM0350000
MI 85 see: UQ9835000
MIA see: AI3500000
MIADONE see: MJ6130000
MIAK see: MP3850000
MIALEX see: XJ1800000
MIANESINA see: TZ1225000
MIANG TEA LEAF EXTRACT see: WX6482400
MIANSERINE HYDROCHLORIDE see: HP8780000
MIANSERIN HYDROCHLORIDE see: HP8780000
MIARSENOL see: WS3680000
MIAZOLE see: NI3325000
MIBC see: SA7350000
MIBK see: SB4200000
MIBK see: SA9275000
MIBP see: TI2550000
MIC see: SA7350000
MIC see: PA9625000
3-MIC see: SA7350000
MICA see: VV8760000
MICASIN see: IL8842000
MICASIN see: KJ7780000

PY2745000 MICHELIA CATHCARTII Hook. f. & Thoms., stem bark extract
DEF:Indian plant belonging to the family MAGNOLIACEAE (IJEBA6 9,91,71)
UPDT:8305
SYN: TITE-CHAP STEM BARK EXTRACT

TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

MICHLER KETONE see: DJ0250000
MICHLER'S BASE see: BY5250000
MICHLER'S HYDRIDE see: BY5250000
MICHLER'S KETONE see: DJ0250000
p,p'-MICHLER'S KETONE see: DJ0250000
MICHLER'S METHANE see: BY5250000
MICHROME NO. 226 see: SG1400000
MICIDE see: ZH3325000
MICLORETIN see: AB6825000
MICOCHLORINE see: AB6825000
MICOCLORINA see: AB6825000
MICOFENOLICO ACIDO (Spanish) see: MP8050000
MICOFUME see: XI2800000
MICOFUR see: LT7525000
MICOL see: BQ7875000
MICONAZOLE see: NI4770000
MICONAZOLE NITRATE see: NI4771000
MICREST see: WJ5600000
MICROCEPHALOPHIS GRACILIS see: YX4195500
MICROCETINA see: AB6825000
MICRO-CHEK SKANE see: NX8156900
MICROCILLIN see: ON9105000
MICRO-CHECK 12 see: GW5075000
MICROCOP see: GL7020000

PY4620000 MICROCOS PANICULATA Linn., extract excluding roots
DEF:Indian plant belonging to the family TILIACEAE (IJEBA6 12,512,74)
UPDT:8305
SYN: AMSALI EXTRACT * GREWIA MICROCOS Linn., extract excluding roots

TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:40 mg/kg IJEBA6 12,512,74

MICROCYSTIS AERUGINOSA (ANACYSTIS CYANEA) TOXIN see: XW5810000
MICROCYSTIS AERUGINOSA TOXIN see: XW5810000 TOXIN, BLUE GREEN ALGA, MICROCYSTIS AERUGINOSA(ANACYSTIS CYANEA)
MICROCYSTIS AERUGINOSA TOXIN see: XW5862000
MICRO DDT 75 see: KJ3325000
MICRODIOL see: KG2975000
MICRO DRY see: BD0550000
MICROEST see: WJ5600000
MICROFLOTOX see: WS4250000
MICROGRIT WCA see: BD1200000
MICROGYNON see: JF8300000
MICROLYSIN see: PB6300000

PY4910200 MICROMONOSPORA VERRUCULOSA MCRL 0404, BA-4 component
DEF:Obtained from culture broth and mycelia of MICROMONOSPORA VERRUCULOSA (JANTAJ 35,1441,82)
UPDT:8312
SYN: BA-4

TOXICITY DATA AND REFERENCES:
1V30 ivn-mus LD50:44 mg/kg JANTAJ 35,1441,82

PY4910300 MICROMONOSPORA VERRUCULOSA MCRL 0404, BN-1 component
DEF:Obtained from culture broth and mycelia of MICROMONOSPORA VERRUCULOSA (JANTAJ 35,1441,82)
UPDT:8312
SYN: BN-1

TOXICITY DATA AND REFERENCES:
1V30 ivn-mus LD50:91 mg/kg JANTAJ 35,1441,82

PY4910800 MICROMONOSPORA VERRUCULOSA MCRL 0404, VA-2 component
DEF:Obtained from culture broth and mycelia of MICROMONOSPORA VERRUCULOSA (JANTAJ 35,1441,82)
UPDT:8312
SYN: VA-2

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:1900 ug/kg JANTAJ 35,1441,82
1V30 ivn-mus LD50:1800 ug/kg JANTAJ 35,1441,82

MICRONASE see: YS4725200
MICRONOMICIN see: WK2195500
MICRONOMICIN SULFATE see: WK2196000
MICRONOMYCIN see: WK2195500
MICRONOR see: RC8975000
MICROPENIN see: XH9100000
MICROPOR see: XA5250000
MICROSETILE BLUE EB see: CB0540000
MICROSETILE DIAZO BLACK G see: BX5020000
MICROSETILE ORANGE RA see: CB5740000
MICROSETILE YELLOW GR see: AC3662000
MICROSULFON see: WP1925000
MICROTAN PIRAZOLO see: DA9520000
MICROTEX LAKE RED CR see: DB5500000
MICROTHENE see: TQ3325000
MICROTHENE 510 see: TQ3325000
MICROTHENE 704 see: TQ3325000
MICROTHENE 710 see: TQ3325000

MICROTHENE FN 500 see: TQ3325000
MICROTHENE FN 510 see: TQ3325000
MICROTHENE MN 754-18 see: TQ3325000
MICROTIN see: XI0383000
MICROTRIM see: UV8240000

PY5145200 MICROTROPIS MICROCARPA Wight, extract excluding roots
MICRURUS MIPARTIUS HERTWIGI VENOM see: YX3971000
DEF:Indian plant belonging to the family CELASTRACEAE (IJEBA6 12,512,74)
UPDT:8407
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

PY5145400 MICROTROPIS DISCOLOR Wall., extract excluding roots
MICROZUL see: NK5335000
DEF:Indian plant belonging to the family CELASTRACEAE (IJEBA6 12,512,74)
UPDT:8407
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:40 mg/kg IJEBA6 12,512,74
MICRURUS ALLENI YATESI VENOM see: YX3970000
MICRURUS CARINICAUDUS DUMERILII VENOM see: YX3963600
MICTINE see: YQ8665000
MIDANTANE see: AU4375000
MIDARINE see: GA2360000
MIDAZOLAM MALEATE see: NI2922200
MIDECAMYCIN see: OH4730600
MIDECAMYCIN A(sub 1) see: OH4730600
MIDELID see: SA3680000
MI 85 DI see: UQ9840000
MIDICEL see: WP0400000
MIDIKEL see: WP0400000
MIDLON RED PRS see: QJ6475500
MIDLON YELLOW PROPYL see: DV3910000
MIDONE see: UV9100000
MIDOXIN see: QI8925000
MIEDZIAN see: GL7020000
MIEDZIAN 50 see: GL7020000
MIELEVCIN see: EK1750000
MIELUCIN see: EK1750000
MIEOBROMOL see: OP2800000
MIERENZUUR (Dutch) see: LQ4900000
MI-GEE see: PA8575000
MIGHTY 150 see: QJ0525000
MIGHTY RD1 see: QJ0525000
MIH see: XS4550000
MIH see: XS4725000
MIH see: NS1954000

PY5248000 MIHARAMYCIN B
UPDT:8309 CAS: 12626-15-2 MW: 641.13 MOLFM: C21-H36-N10-O11 .Cl-H
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:2500 ug/kg 85GDA2 5,328,81
MIK see: SA9275000
MIKAMETAN see: NL3500000
MIKAMYCIN B see: ZA4870000
MIKAMYCIN IA see: ZA4870000

PY5258800 MIKANIA CORDATA (Burm.) B. L. Robins, extract excluding roots
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 7,250,69)
UPDT:8305
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg IJEBA6 7,250,69
MIKEDIMIDE see: MA4550000
MIKELAN see: VC8282000
MIKETHRENE GOLD YELLOW see: HO7030000
MIKETON FAST BLUE see: CB0540000
MIKETON FAST BLUE B see: CB0540000
MIKETON FAST YELLOW G see: AC3662000
MIKETORIN see: HO9450000
MIKROFOR N see: XA5250000
MIKROLOUR see: TQ3325000
MIKROLOUR see: UD1842000
MIL see: PY6140000
MILBAM see: ZH0525000
MILBAN see: QE0610000
MILBAN see: ZH0525000
MILBAN F see: UF8000000
MIL-B-4394-B see: PA5250000
MILBEDOCE see: GG3750000
MILBEX see: KJ7780000
MILBOL see: DC8400000
MILBOL 49 see: GV4900000
MILCHSAURE (German) see: OD2800000
MIL-COL see: NY2800000
MILCURB see: UV/6025000
MILCURB see: UW7380000
MILCURB SUPER see: UW7380000
MILDEX see: GQ5775000

PY6140000 MILDIOMYCIN
DEF:Isolated from culture filtrate of STREPTOVERTICILLIUM RIMOFACIENS B-98891 (JANTAJ 31,519,78)
UPDT:8309 MW: 532.59 MOLFM: C19-H30-N8-O9 .H2-O
SYN: ANTIBIOTIC B-98891 * B-98891 * MIL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2500 mg/kg JANTAJ 31,519,78
* scu-rat LD50:500 mg/kg JANTAJ 31,519,78
* ivn-rat LD50:500 mg/kg JANTAJ 31,519,78
* orl-mus LD50:2500 mg/kg JANTAJ 31,519,78
* scu-mus LD50:500 mg/kg JANTAJ 31,519,78
* ivn-mus LD50:500 mg/kg JANTAJ 31,519,78
MILDMEN see: DE9275000
MILDMEN see: DE9450000
MILD MERCURY CHLORIDE see: OV8750000
MILDOTHANE see: BA3675000
MIL-DU-RID see: DV7700000
MILEPSIN see: UV9100000
MILESTROL see: WJ5600000
MILFURAM see: AE1300200
MILGO see: UW7380000
MILGO E see: UW7380000
MILID see: SA3680000

PY6456000 MILIUSA MONTANA Gardn., extract excluding roots
DEF:Indian plant belonging to the family ANONACEAE (IJEBA6 12,512,74)
UPDT:8305
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 12,512,74

MILK ACID see: OD2800000
MILK SUGAR see: OD9625000
MILK WHITE see: OG4375000
MILLED CASSAVA POWDER see: FI4007000
MILLER DRINE see: SH5075000
MILLER NU SET see: UF8225000
MILLER P.C. WEEDKILLER see: GS6825000
MILLER'S FUMIGRAIN see: AT5250000
MILLIAMINE A HYDROCHLORIDE see: DG8736000
MILLICORTEN see: TU3980000
MILLINESE see: YS6650000
MILLING FAST RED B see: QJ6475500
MILLING FAST RED R see: QJ6478000
MILLING FAST RED RS see: QJ6478000
MILLING RED B see: QJ6475500
MILLING RED BB see: QJ6475500
MILLING RED PRX see: QJ6478000
MILLING RED SWB see: QJ6475500
MILLING YELLOW 3G see: DV3910000
MILLING YELLOW 3J see: DV3910000
MILLING YELLOW RX see: DV3910000
MILLIONATE MR see: TR0320000
MILMER see: VC5250000
MILNEB see: XI2625000

PY7220000 MILOCEP
DEF:Contains 3.33 pounds a.i. METOLACHLOR and 1.67 pounds a.i. of PROPAZINE per gallon(FMCHA2 -,C159,83)
UPDT:8309
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3868 mg/kg FMCHA2 -,C158,83
MILOCEP see: AN3430000
MILOGARD see: XY5300000
MILONTIN see: WN3325000
MILPREM see: TZ0175000
MILPREM see: GL1224000
MILPREX see: MF1750000
MILSAR see: KJ7780000
MILSTEM see: UW7380000
MILSTEM SEED DRESSING see: UW7380000
MILTAMATO see: TZ0175000
MILTANN see: TZ0175000
MILTAUN see: TZ0175000
MILTON see: NH3486300
MILTOWN see: TZ0175000
MILTOX see: ZH3325000
MILTOX SPECIAL see: ZH3325000
MILTUAN see: TZ0175000
MILTWON see: TZ0175000
MIMETINA see: SI1750000

PY7954000 MIMOSA ABSOLUTE
UPDT:8305 CAS: 8031-03-6
SYN: ABSOLUTE MIMOSA
IRRITATION DATA AND REFERENCES:
skn-gpg 100% MLD FCTXAV 13,873,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PY7954800 MIMOSA RUBICAULIS Lam., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 11,43,73)
UPDT:8305
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

PY7954900 MIMOSA SEPIARA, bark extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
2F12K12 ipr-mus LD50:250 mg/kg CPBTAL 13,882,65

PY7955000 MIMOSA TANNIN
UPDT:8401
SYN: ACACIA MOLLISSIMA TANNIN * TANNIN from MIMOSA
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:350 mg/kg/12W-I BJCAAI 14,147,60
3V03L60V10 scu-mus TDLo:750 mg/kg/12W-I BJCAAI 14,147,60
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PY7962000 MIMUSOPS ELANGI Linn., fruit and leaf extract
DEF:Indian plant belonging to the family SAPOTACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78
MINACIDE see: FB8050000
MINAPHIL see: XH5600000
MINCARD see: YQ8665000
MINELCIN see: UY4330000
MINELSIN see: UY4330000
MINERAL FIRE RED 5DDS see: QA4660000
MINERAL FIRE RED 5GS see: QA4660000
MINERAL GREEN see: GL6475000
MINERAL NAPHTHA see: CY1400000

PY8030000 MINERAL OIL
UPDT:8412 CAS: 8012-95-1
SYN: ADEPSINE OIL * ALBOLINE * BAYOL F * BLANDLUBE * CRYSTOSOL * DRAKEOL * FONOLINE * GLYMOL * BAYOL 55 * KAYDOL * KONDREMUL * MOLOL * NEO-CULTOL * NUJOL * PARAFFIN OIL * PAROL * PAROLEINE * PENETECK * PENRECO * PERFECTA * PETROGALAR * PETROLATUM, liquid * PRIMOL 355 * PRIMOL D * PROTOPET * SAXOL * TECH PET F * WHITE MINERAL OIL
TUMORIGENIC DATA AND REFERENCES:
3V01K60T61 ihl-man TCLo:5 mg/m3/5Y-I JOCMA7 23,333,81
2V03R60 skn-mus TDLo:332 gm/kg/20W-I ANYAA9 132,439,65
3V03P61J61 ipr-mus TDLo:14 gm/kg NATUAS 193,1086,62
2V03P60 ipr-mus TD :60 gm/kg/17W-I CNREA8 38,703,78
2V03P62 ipr-mus TD :60 gm/kg/17W-I IMMUAM 17,481,69
3V03P60S05 ipr-mus TD :50 gm/kg/9W-I IJCNAW 6,422,70
2V03P60 ipr-mus TD :72 gm/kg/26W-I JOIMA3 92,747,62
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PAASAH 54,171,59
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
MINERAL ORANGE see: OG5425000

PY8070000 MINERAL WOOL
DEF:Composed of mineral fibers produced by blowing steam or air through molden furnace slag andcontains less than 1% quartz (DTLVS* 4,288,80)
UPDT:8307

SYN: ROCK WOOL
REVIEW AND REFERENCES:

★ TLV-TWA 10 mg/m3	DTLVS* 4,288,80

MINERAL PITCH see: CI9900000
MINERAL RED see: OG5425000
MINERAL SPIRITS see: SE7555000
MINERAL SPIRITS NO. 10 see: SE7555000
MINERAL THINNER see: SE7555000
MINERAL TURPENTINE see: SE7555000
MINERAL WHITE see: EW4150000
MINETOIN see: MU1050000
MINETOIN see: MU1400000
MINGIT see: AG6600000
MINIDRIL see: JF8300000
MINIHIST see: UT0875000
MINIHIST see: UT1225000
MINILYN see: RC8945400
MINIMYCIN see: RP6320000

PY8500000 MINING REAGENT
DEF:Solution contains 20 % or more CRESYLIC ACID (FEREAC 41,15972,76)
UPDT:8308
SYN: MINING REAGENT, liquid (containing 20% or more CRESYLIC ACID) (DOT) * NA 2022 (DOT)
STANDARDS & REGULATIONS:

★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE	CFRGBR 49,172.101,82

MINING REAGENT, liquid (containing 20% or more CRESYLIC ACID) (DOT) see: PY8500000
MINIPLANOR see: UR0785000
MINIUM see: OG5425000
MINIUM NON SETTING RL-95 see: OG5425000
MINMINARI EXTRACT (Indian) see. NN1097000
MINOALEUIATIN see: RQ2100000
MINOCYCLIN see: QI7630000
MINOCYCLINE see: QI7630000
MINORAN see: ZG0525000
MINORLAR see: RC8990000
MINOSSIDILE (Italian) see: UV8200000
MINOVLAR see: RC8990000
MINOXIDIL see: UV8200000
MINTACO see: TC2275000
MINTACOL see: TC2275000
MINTAL see: CQ6125000
MINTESOL see: DE0700000
MINTEZOL see: DE0700000
MINURIC see: OB1804200
MINUS see: AZ5820000
MINUS see: QE2450000
MIN-U-SIL see: VV7330000
MINUSIN see: RC9275000
MINZIL see: DK9450000
MINZOLUM see: DE0700000
MIOARTRINA see: FB3325000
MIOBLOCK see: TN4930000
MIOCHOL see: FZ9800000
MIOCURIN see: TY8400000
MIOFILIN see: XH5600000
MIO 40GN see: NO7380000
MIOKON SODIUM see: DH9300000
MIOLISINA see: TZ1225000
MIOLISODAL see: FB3325000
MIOLISODOL see: FB3325000
MIONAL see: UH1755000
MIO-PRESSIN see: ZG0350000
MIORATRINA see: FB3325000
MIORELAX see: TY8400000
MIORIL see: FB3325000
MIORILAX see: XJ1050000
MIORIODOL see: FB3325000
MIO-SED see: XJ1050000
MIOSTAT see: GA0875000
MIOTISAL see: TC2275000
MIOTISAL A see: TC2275000
MIOTOLON see: BV8061000
MIP see: UR8462000
MIPAFOX see: TD3675000
MIPAFOX (DOT) see: TD3675000
MIPAX see: TI1575000
MIPC see: FB7880000
MIPCIN see: FB7880000
MI-PILO OPHTH SOL see: TK1450000
MIPK see: EL9100000
MIPSIN see: FB7880000
MIPYLO see: UE3090300
MIRACIL D see: XO1605800
MIRACIL D see: XO1605500
MIRACLE see: AG6825000
MIRACOL see: XO1605800
MIRADOL see: BZ3400000 o-ANISAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-SULFAMOYL-
MIRADON see: NK5775300
MIRAL see: MV7350000
MIRAL see: TE7750000
MIRAMEL see: SC4900000
MIRAMID H 2 see: TQ9800000
MIRAMID WM 55 see: TQ9800000
MIRANOL C2M CONC see: BU2614000
MIRANOL C2M CONC NP see: BU2614000
MIRANOL C2M-SF CONC see: BU2614000
MIRAPRONT see: SH4025000
MIRASON 9 see: TQ3325000
MIRASON 16 see: TQ3325000
MIRASON M 15 see: TQ3325000
MIRASON M 50 see: TQ3325000
MIRASON M 68 see: TQ3325000
MIRASON NEO 23H see: TQ3325000
MIRATHEN see: TQ3325000
MIRATHEN 1313 see: TQ3325000
MIRATHEN 1350 see: TQ3325000
MIRBANE OIL see: DA6475000
MIRBANE SU 118K see: YU1610000
MIRBANIL see: BZ3400000
MIREX see: PC8225000
MIRIONATE MR see: TR0320000
MIRLON see: RF5250000
MIROISTONIL see: AR9275000
MIROMORFALIL see: QC7710000
MIROSERINA see: NY2975000
MIROTIN see: WN3325000
MIRREX MCFD 1025 see: KV0350000
MI 65-S see: DC5430000
MISASIN see: KJ7780000
MISCLERON see: UE9480000
MISODINE see: UV9100000
MISOLYNE see: UV9100000
MISONIDAZOLE see: NI5572000
MISPICKEL see: CG4340000
MISTABRON see: KI7968000
MISTRAL see: QE2060000
MISTRON FROST P see: WW2710000
MISTRON RCS see: WW2710000
MISTRON 2SC see: WW2710000
MISTRON STAR see: WW2710000
MISTRON SUPER FROST see: WW2710000
MISTRON VAPOR see: WW2710000
MISTURA C see: GA0875000
MISULBAN see: EK1750000
MISULVAN see: BZ3400000
MISURAN see: BR9808000
MIT see: PA9625000
MITAC see: ZF0480000
MITACIL see: FC0175000
MITANOLINE see: TN2856000
MIT-C see: CN0700000
MITC see: PA9625000
MITENON see: QL9100000
MITENONE see: QL9100000
MITEXAN see: KI7968000
MITHRACIN see: PZ2800000

PZ2800000 MITHRAMYCIN
UPDT:8403 CAS: 18378-89-7 MW: 1085.28 MOLFM: C52-H76-O24
SYN: A-2371 * ANTIBIOTIC LA 7017 * AURLELIC ACID * AUREOLIC ACID * MITHRACIN * MITRAMYCIN * NSC 24559 * PA 144
MUTATION DATA AND REFERENCES:

	dnd-esc 100 umol/L	PMSBA4 2,48,71
	pic-esc 60 mg/L	ZAPOAK 8,139,68
	oms-bcs 500 ug/L	CHTHBK 26,309,80
	dnd-bcs 100 umol/L	PMSBA4 2,48,71
	hma-mus/sat 469 mg/kg	JJIND8 62,911,79
	spm-ham-ipr 50 ug/kg/5D-C	ENMUDM 4,231,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T34	unk-rat TDLo:2 mg/kg (11D preg)	85DJA5 -,95,71

TOXICITY DATA AND REFERENCES:

1P17	orl-hmn TDLo:50 ug/kg/5D	CORTBR 127,106,77
*	ipr-rat LD50:2500 ug/kg	ADTEAS 3,181,68
	ivn-rat LD50:1741 ug/kg	NCICP* -,215,66
*	orl-mus LD50:500 mg/kg	85GDA2 1,342,80
	ipr-mus LD50:1090 ug/kg	ANTBAL 21,258,76
	scu-mus LD50:2810 ug/kg	ANTBAL 21,258,76
*	ivn-mus LD50:350 ug/kg	85ERAY 2,1405,78
	unk-mus LDLo:2 mg/kg	ARZNAD 17,693,67
*	ivn-dog LD50:250 ug/kg	85ERAY 2,1405,78
*	ivn-rbt LD50:250 ug/kg	85ERAY 2,1405,78

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PZ2960000 MITHRAMYCIN, MAGNESIUM SALT
UPDT:8308 MW: 2547.47 MOLFM: C116-H200-O58 Mg
SYN: MAGNESIUM SALT of AUREOLIC ACID
TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:2500 ug/kg	ANTCAO 3,1218,53
*	ivn-dog LDLo:250 ug/kg	ANTCAO 3,1218,53
*	ivn-rbt LDLo:250 ug/kg	ANTCAO 3,1218,53

MITICIDE K-101 see: DB5250000
MITIGAN see: DC8400000
MITION see: WR5850000
MITIS GREEN see: GL6475000
MITOBRONITOL see: OP2800000
MITOCIN-C see: CN0700000
MITOGUAZONE see: MF3860000
MITOLAC see: LW5425000
MITOLACTOL see: LW5425000
MITOMEN see: IA2200000
MITOMEN see: IA2275000
MITOMIN see: IA2200000
MITOMYCIN see: CN0700000
MITOMYCIN A see: CN1050000
MITOMYCIN-C see: CN0700000
MITOMYCINUM see: CN0700000
MITONAFIDE see: DE4093000
MITOPODOZIDE see: TP8800000
MITOSAN see: EK1750000
MITOSTAN see: EK1750000
MITOTANE see: KH7880000
MITOX see: WQ2975000
MITOXAN see: RP5950000
MITOXANA see: RP6050000 1,3,2-OXAZAPHOSPHORINE, 3-(2-CHLOROETHYL)-2-((2-CHLOROETHYL)AMINO)TETRAHYDRO-, 2-OXIDE
MITOXANTRONE HYDROCHLORIDE see: CB0386900
MITOXINE see: IA2100000

PZ4800000 MITRACARPUM VERTICILLATUS (Sch. & Th.) Vatke, extract
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:750 mg/kg	IJEBA6 18,594,80

PZ4900000 MITRAGYNA PARVIFOLIA (Roxb.) Korth., extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: KADAM EXTRACT
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:50 mg/kg	IJEBA6 7,250,69

MITRAMYCIN see: PZ2800000
MITSUI ALIZARINE B see: CB6580000
MITSUI AURAMINE O see: BY3675000
MITSUI BENZOPURPURINE 4BX see: QK1765000
MITSUI BLUE B BASE see: DD0875000
MITSUI BLUE B SALT see: DD0875000
MITSUI BRILLIANT GREEN GX see: BP6825000
MITSUI CHROME BLUE BLACK BC see: QK2195000
MITSUI CHROME ORANGE A see: VO5310000
MITSUI CONGO RED see: QK1400000
MITSUI CROME ORANGE AN see: VO5310000
MITSUI CRYSTAL VIOLET see: BO9000000
MITSUI DIRECT BLACK EX see: QJ6160000
MITSUI DIRECT BLACK GX see: QJ6160000
MITSUI DIRECT BLUE 2BN see: QJ6400000
MITSUI DIRECT BRILLIANT BLUE 6B see: QJ6430000
MITSUI DIRECT DARK GREEN BX see: QJ6195050
MITSUI DIRECT SCARLET 3BX see: QJ6476000
MITSUI DIRECT SKY BLUE 5B see: QJ6420000
MITSUI INDIGO CARMINE see: DU3000000
MITSUI INDIGO PASTE see: DU2988400
MITSUI INDIGO PURE see: DU2988400
MITSUI METANIL YELLOW see: DB7329500
MITSUI METHYLENE BLUE see: SO5600000
MITSUI POLYPRO B 220 see: UD1842000
MITSUI RED 3GL BASE see: BX1575000
MITSUI RED 3GL SALT see: BX1575000
MITSUI RED TR BASE see: XU5000000
MITSUI RHODAMINE BX see: BP3675000
MITSUI RHODAMINE 6GCP see: DH0175000
MITSUI SAFRANINE see: SG1623000
MITSUI SCARLET G BASE see: XU8225000
MITSUI TARTRAZINE see: UQ6400000
MIVAL see: YJ9030500
MIVIZON see: AE3850000
MIXED PHENYLMETHYLCYCLOSILOXANE see: GZ4060000
MIXTURE of BULAN and PROLAN (2:1) see: TX3695000
MIXTURE of p-METHENOLS see: WZ6600000
MIZODIN see: UV9100000
MIZOLIN see: UV9100000
MIZORIBINE see: NI3980000
MJ 1992 see: PB0822000
MJ 1992 see: PB0800000
MJ 1998 see: PB0870700
MJ 1999 see: PB0826000
MJ 5022 see: SP2975000
MJ 5022 see: SP3150000
MJ 5190 see: PB0870200
MJ 10061 see: OB1804200
MJ 4309-1 see: GV2800000
MJF 9325 see: RP6050000
MJF-12264 see: YR0450000
MJ 1999 HYDROCHLORIDE see: PB0826000
(-)-MK 196 see: AH0306000
(+)-MK 196 see: AH0307000
MK-53 see: ET4730500
MK 56 see: UQ2275000
MK 125 see: TU3980000
MK 141 see: TM7000000
MK 142 see: UB4798000
MK 184 see: XO1050000
MK-188 see: DM2520000
MK 240 see: HP1050000
MK-240 see: HP1400000
MK 351 see: AY5950000
MK 360 see: DE0700000
MK-366 see: VB2005000
MK 486 see: MW5298000
MK-595 see: AG6600000
MK 647 see: DV2030000
MK 665 see: RC8900000
MK 905 see: DD6538000
MK 933 see: IH7891500
MK 950 see: UA8475000
MK-955 see: SZ7890000
MK-965 see: CI9000000
MK(sub 4) see: QL9279500
MK. 851 see: AY5950000
MK-142 DIMETHANESULFONATE see: UB4798000
2M-4KH see: AG1575000
MKH 52 see: YU1610000
2M 4KhM see: ES8575000
2M 4KHP see: UE9750000
2M-4KH SODIUM SALT see: AG2625000
ML 97 see: TC2800000
ML 1024 see: UE9516500
ML 33F see: WG2932400
ML 55F see: WG2932400
MLT see: WM8400000
MM see: OP2975000
1-MM see: AU7350000
MMA see: CB3500000
MMA see: PA2450000
MM2A see: UD1842000
MMB-4 see: UU5985000
3M MBR 6168 see: FC1050000
MMC see: CN0700000
MMC see: OW1225000
MMD see: OW1750000
MME see: OZ5075000
MME see: SL7700000
MMH see: MV5600000
M. M. HERTWIGI VENOM see: YX3971000
4-MMPD see: BZ8580500
4-MMPD SULPHATE see: ST2705000
MMS see: PB2625000
MMT see: OP1450000
MMTs-BTR see: FJ5959000
MMU see: YT9126000
MNA see: BY5775000
MNA see: BY6825000
6-MNA see: AU6560000
MNB see: CV5585350
MNBK see: MP1400000
MNC see: GS6480000
MNCO see: RM2983000
MNE see: KE6341000
MnEBD see: OP0700000
MNFA see: AC2700000
MNF 0 166 see: NJ5000000
MNG see: MF4200000
McN-JR-1625 see: EU1575000
McN-JR-4584 see: DE1900000
MNNG see: MF4200000
MNPA see: UF5275000 PROPIONIC ACID, 2-(METHOXY-2-NAPHTHYL)-, (+)-
MNQ see: QL9100000
MNT see: KG8020000
MNT see: XT2975000
MNU see: YT7875000
MNU see: FC6300000
MNUN see: FC6300000
MO see: KO2700000
MO 338 see: KO2700000
MO 709 see: AR9275000
MO 911 see: DP6650000
MOB see: DJ1575000
M-2-OB see: EL9152000
M-3-OB see: EL9154000
MOBAM see: FB4725000
MOBAM PHENOL see: FB4725000
MOBENOL see: YS4550000
MOBILAN see: NL3500000
MOBILAWN see: TF0350000
MOBIL DBHP see: HS6475000
MOBIL MC-327 see: TA7400000
MOBIL MC-740 see: EZ9010000
MOBIL MC-A-600 see: FB4725000

QA2470000 MOBILTHERM LIGHT
DEF:Paraffinic, highly aromatic solar heat transfer fluid (NTIS** LMF-69)
UPDT:8305
TOXICITY DATA AND REFERENCES:
3F07F12F24 orl-rat LD50:24 mg/kg NTIS** LMF-69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MOBIL VC 3-759 see: TA7490000
MOBIL VC-3-764 see: TA8050000
MOBIL VC 3-786 see: AI7250000
MOBIL VC 3-789 see: WM8550000
MOBIL VC-3-790 see: TA7380000
MOBIL V-C 9-104 see: TE4025000
MOBUTAZON see: UQ8420000
MOBUZON see: UQ8420000
MOCA see: CY1050000
MOCAP see: TE4025000

QA2805000 MOCIMYCIN
UPDT:8309 CAS: 50935-71-2 MW: 797.05 MOLFM: C43-H60-N2-O12
SYN: DELVOMYCIN * KIRROMYCIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg 85GDA2 5,109,81

QA2807000 MOCIMYCIN, 31-O-(6-DEOXY-4-O-(6-DEOXY-2,4-DI-O-METHYLHEXOPYRANOSYL)-3-O- METHYLHEXOPYRANOSYL-1-METHYL-
UPDT:8309 CAS: 56592-32-6 MW: 1145.49 MOLFM: C59-H88-N2-O20
SYN: ANTIBIOTIC FR 02A * EFROTOMYCIN * FR 02A
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2000 mg/kg 85GDA2 5,112,81
* scu-mus LD50:1000 mg/kg 85GDA2 5,112,81

QA2809000 MOCIMYCIN, 1-METHYL-
UPDT:8309 CAS: 12704-90-4 MW: 811.08 MOLFM: C44-H62-N2-O12
SYN: AURODOX * GOLDINODOX * GOLDINOMYCIN * 1-METHYLMOCIMYCIN * X 5108
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1320 mg/kg 85GDA2 5,110,81

MOCTYNOL see: TZ1225000

QA2820000 MODACRYLIC FIBERS (see also ACRYLONITRILE)
DEF:Any long chain synthetic polymer containing less than 85% but at least 35% by weight ofACRYLONITRILE (IARC** 19,87,79)
UPDT:8010
SYN: ELURA * KANECARON * KANEKALON * SEF * TEKLAN * VEREL * YALOVA
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:NO DATA IARC** 19,86,79

MODANE see: CB6650000
MODANE SOFT see: WN0525000
MODECCIN see: XW5790000
MODECCIN TOXIN see: XW5790000
MODE LEAF AND STEM BARK EXTRACT (Indian) see: OE3200000
MODENOL see: ZG0350000
MODERAMIN see: RQ3500000
MODERIL see: ZG0700000
MODE STEM BARK and LEAF EXTRACT (Indian) see: OE3200000
MODIRAX see: FD1150000
MODITEN see: TL9730000
MODOCOLL 1200 see: FJ5950000
MODR FTALOSTANOVA 3G (Czech) see: NR3500000
MODR METHYLENOVA (Czech) see: SO5600000
MODUMATE see: CF1936000

QA3020000 MOENOMYCIN
UPDT:8312 CAS: 11015-37-5
SYN: BAMBERMYCIN * FLAVOMYCIN * FLAVOPHOSPHOLIPOL * MENOMYCIN * MOENOMYCIN A
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:500 mg/kg 85ERAY 1,740,78
* ivn-mus LD50:200 mg/kg 85ERAY 1,740,78
3E15F03F07 ivn-dog LDLo:600 mg/kg AACHAX -,743,65

MOENOMYCIN A see: QA3020000
MOF see: KN7820000
MOFEBUTAZONE see: UQ8420000
MOGADAN see: DF2450000
MOGADON see: DF2450000
MOGADONE see: DF2450000
MOGETON GRANULE see: QL7350000
MOGHABERICHETTU EXTRACT (Indian) see: BZ9670000

QA3400000 MOGHANIA PANICULATA (Wall.) L.H., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

MOGUL see: FF5800000
MOGUL L see: FF5800000
MOHARAN STEM BARK EXTRACT (Indian) see: YP9400000
MOHEPTAN see: MJ6130000
MOHICAN RED A-8008 see: DB5500000
MOHR'S SALT see: WS5850000
MOKOTEX D 2602 see: AK0920000
MOLASSES ALCOHOL see: KQ6300000
MOLATOC see: WN0525000
MOLCER see: WN0525000
MOLDAMIN see: XH9425000
MOLDCIDIN B see: LT3850000
MOLDEX see: DH2450000
MOLECULAR CHLORINE see: FO2100000
MOLE DEATH see: WL2275000
MOLEPHANTIN see: UD3470000
MOLEPHANTININ see: EM9254800
MOLEVAC see: VC3543500
MOLINAL see: CQ6825000
MOLINATE see: CM2625000
MOLIPAXIN see: YM1431000
MOL-IRON see: NO8510000
MOLIVATE see: TU4154083
MOLLAN O see: TI0350000
MOLLAN S see: AU9700000
MOLLINOX see: VA3850000

QA4280000 MOLLUGO NUDICAULIS Lamk., extract
UPDT:8308
SYN: AFERONTANY * FIEL DE TERRE (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:560 mg/kg APFRAD 30,241,72

MOLLUSCICIDE BAYER 73 see: VN8575000
MOLMATE see: CM2625000
MOLOFAC see: WN0525000
MOLOL see: PY8030000
MOLSIDOLAT see: WU7677400
MOLSIDOMINE see: WU7677400
MOLTEN ADIPIC ACID see: AU8400000
MOLURAME see: ZH0525000
MOLYBDATE see: QA4680000

QA4660000 MOLYBDATE ORANGE
UPDT:8004 CAS: 12656-85-8
SYN: CHROME VERMILION * C.I. 77605 * C.I. PIGMENT RED 104 * MINERAL FIRE RED 5DDS * MINERAL FIRE RED 5GS * MOLYBDATE RED * MOLYBDEN RED * MOLYBDENUM RED * NCI-C54626
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Mo)/m3;STEL 10 mg(Mo)/m3 DTLVS* 4,289,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Mo)/m3 (SCP-M) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY. 1983

MOLYBDATE RED see: QA4660000

QA4671000 MOLYBDENATE(4-), OCTACYANO-, TETRAPOTASSIUM
UPDT:8311 MW: 460.50 MOLFM: C8-Mo-N8 .4K
SYN: OCTACYANOMOLYBDENATE(4-) TETRAPOTASSIUM * POTASSIUM MOLYBDOCYANIDE * TETRAPOTASSIUM OCTACYANOMOLYBDENATE(4-)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg JPMSAE 52,59,63

QA4674000 MOLYBDENITE
UPDT:8305 CAS: 1309-56-4 MW: 160.06 MOLFM: Mo-S2
MUTATION DATA AND REFERENCES:
cyt-rat-ihl 24630 ug/m3/16W-I GTPZAB 24(9),33,80

MOLYBDEN RED see: QA4660000

QA4680000 MOLYBDENUM
UPDT:8408 CAS: 7439-98-7 MW: 95.94 MOLFM: Mo
SYN: MOLYBDATE
MUTATION DATA AND REFERENCES:
cyt-rat-ihl 19500 ug/m3 GTPZAB 24(9),33,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T24T25T46 orl-rat TDLo:6050 ug/kg (35W pre) GISAAA 42(8),30,77
2T34T35 orl-mus TDLo:448 mg/kg (MGN) AEHLAU 23,102,71
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:114 mg/kg 28ZLA8 -,214,61
itr-rbt LDLo:70 mg/kg NTIS** PB249-458
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JAVMA4 164(3),277,74; FOREAE 7,313,42; KOTTAM 11(11),1300,75
★ TLV-TWA 10 mg(Mo)/m3;STEL 20 mg(Mo)/m3 DTLVS* 4,289,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 15 mg(Mo)/m3 (SCP-M) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S193,S376
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QA4681000 MOLYBDENUM BORIDE
UPDT:8412 CAS: 12007-97-5 MW: 245.93 MOLFM: B5-Mo2
TOXICITY DATA AND REFERENCES:
orl-rbt LD50:1380 mg/kg 85AEA9 -,129,75
REVIEW AND REFERENCES:
★ TLV-TWA 10 mg(Mo)/m3;STEL 20 mg(Mo)/m3 DTLVS* 4,289,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 15 mg(Mo)/m3 (SCP-M) FEREAC 39,23540,74

MOLYBDENUM-COBALT-CHROMIUM ALLOY see: ZA7072000
MOLYBDENUM DIOXIDE see: QA4688000
MOLYBDENUM-LEAD CHROMATE see: OG1625000

QA4682000 MOLYBDENUM, (METHYLPYRIDINE IODIDE)TRICARBONYL-
UPDT:7901 MW: 401.02 MOLFM: C9-H8-Mo-N-O3 .I
SYN: PYRIDINE METHYL IODIDE MOLYBDENUM TRICARBONYL
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:178 mg/kg CSLNX* NX#02378
REVIEW AND REFERENCES:
★ TLV-TWA 10 mg(Mo)/m3;STEL 20 mg(Mo)/m3 DTLVS* 4,289,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 15 mg(Mo)/m3 (SCP-M) FEREAC 39,23540,74

QA4684000 MOLYBDENUM, (2,5-NORBORNADIENYL)TETRACARBONYL-
UPDT:8103 MW: 299.12 MOLFM: C11-H7-Mo-O4
SYN: BICYCLOHEPTADIENYLMOLYBDENUM TETRACARBONYL
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:22 mg/kg CSLNX* NX#11426
REVIEW AND REFERENCES:
★ TLV-TWA 10 mg(Mo)/m3;STEL 20 mg(Mo)/m3 DTLVS* 4,289,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 15 mg(Mo)/m3 (SCP-M) FEREAC 39,23540,74

MOLYBDENUM ORANGE see: OG1625000

QA4688000 MOLYBDENUM OXIDE
UPDT:7909 CAS: 18868-43-4 MW: 127.94 MOLFM: Mo-O2
SYN: MOLYBDENUM DIOXIDE
TOXICITY DATA AND REFERENCES:
scu-mus LD50:318 mg/kg ZVKOA6 19,186,74
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Mo)/m3;STEL 10 mg(Mo)/m3 DTLVS* 4,289,80
★ TLV-TWA 10 mg(Mo)/m3;STEL 20 mg(Mo)/m3 DTLVS* 4,289,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 15 mg(Mo)/m3 (SCP-M) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QA4690000 MOLYBDENUM PENTACHLORIDE
UPDT:8312 CAS: 10241-05-1 MW: 273.19 MOLFM: Cl5-Mo
SYN: MOLYBDENUM PENTACHLORIDE (DOT) * UN 2508 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Mo)/m3;STEL 10 mg(Mo)/m3 DTLVS* 4,289,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Mo)/m3 (SCP-M) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-B; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MOLYBDENUM PENTACHLORIDE (DOT) see: QA4690000
MOLYBDENUM RED see: QA4660000

QA4700000 MOLYBDENUM, TRICARBONYL(1,3,5-CYCLOHEPTATRIENE)-
UPDT:7901 CAS: 12125-77-8 MW: 272.12 MOLFM: C10-H8-Mo-O3
SYN: CYCLOHEPTATRIENE MOLYBDENUM TRICARBONYL
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg CSLNX* NX#04764
REVIEW AND REFERENCES:
★ TLV-TWA 10 mg(Mo)/m3;STEL 20 mg(Mo)/m3 DTLVS* 4,289,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 15 mg(Mo)/m3 (SCP-M) FEREAC 39,23540,74

QA4725000 MOLYBDENUM TRIOXIDE
UPDT:8412 CAS: 1313-27-5 MW: 143.94 MOLFM: Mo-O3
SYN: MOLYBDIC ANHYDRIDE * MOLYBDIC TRIOXIDE
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:4750 mg/kg/7W-I CNREA8 36,1744,76
TOXICITY DATA AND REFERENCES:
orl-rat LD50:125 mg/kg 28ZLA8 -,214,61
2J12J21 ihl-man TCLo:6 mg/m3/4Y NTIS** AEC-TR-6710
ihl-rat LC75:431 mg/m3/1H EQSSDX 1,1,75
scu-mus LD50:94 mg/kg ZVKOA6 19,186,74
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Mo)/m3;STEL 10 mg(Mo)/m3 DTLVS* 4,289,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Mo)/m3 (SCP-M) FEREAC 39,23540,74
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QA4730000 MOLYBDIC ACID, COBALT(2+) SALT (1:1)
UPDT:8209 CAS: 13762-14-6 MW: 218.87 MOLFM: Co-Mo-O4
SYN: COBALT MOLYBDATE * COBALT(2+) MOLYBDATE * COBALT MOLYBDENUM OXIDE * COBALTOUS MOLYBDATE
MUTATION DATA AND REFERENCES:
otr-ham:emb 250 umol/L CNREA8 39,193,79
dnd-ham:emb 6100 umol/L CNREA8 39,193,79
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Mo)/m3;STEL 10 mg(Mo)/m3 DTLVS* 4,289,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Mo)/m3 (SCP-M) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

QA4900000 MOLYBDIC ACID, DIAMMONIUM SALT
UPDT:8109 CAS: 13106-76-8 MW: 196.04 MOLFM: Mo-O4 .2H4-N
SYN: AMMONIUM MOLYBDATE * AMMONIUM PARAMOLYBDATE * DIAMMONIUM MOLYBDATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:333 mg/kg 28ZLA8 -,214,61
ipr-rat LDLo:203 mg/kg EQSSDX 1,1,75
orl-cat LDLo:1600 mg/kg EQSSDX 1,1,75
orl-rbt LDLo:1870 mg/kg EQSSDX 1,1,75
scu-rbt LDLo:1600 mg/kg EQSSDX 1,1,75
orl-gpg LDLo:2200 mg/kg EQSSDX 1,1,75
ipr-gpg LDLo:800 mg/kg EQSSDX 1,1,75
scu-gpg LDLo:1380 mg/kg EQSSDX 1,1,75
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Mo)/m3;STEL 10 mg(Mo)/m3 DTLVS* 4,289,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Mo)/m3 (SCP-M) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QA5075000 MOLYBDIC ACID, DISODIUM SALT
UPDT:8408 CAS: 7631-95-0 MW: 205.92 MOLFM: Mo-O4 .2Na
SYN: DISODIUM MOLYBDATE * NATRIUMMOLYBDAT (German) * SODIUM MOLYBDATE * SODIUM MOLYBDATE(VI)
MUTATION DATA AND REFERENCES:
pic-esc 16 mmol/L ENMUDM 6,59,84
dnr-bcs 50 mmol/L MUREAV 31,185,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 itt-mus TDLo:16474 ug/kg (1D male) JRPFA4 7,21,64
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:245 mg/kg PSEBAA 45,576,40

ipr-mus LD50:344 mg/kg AEPPAE 244,17,62
scu-mus LD50:570 mg/kg AEPPAE 244,17,62
2H02J25 ivn-cat LD50:917 mg/kg AGSOA6 8,51,67
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADTEAS 5,51,72
★ TLV-TWA 5 mg(Mo)/m3;STEL 10 mg(Mo)/m3 DTLVS* 4,289,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Mo)/m3 (SCP-M) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QA5085000 MOLYBDIC ACID, DISODIUM SALT, DIHYDRATE
UPDT:8406 CAS: 10102-40-6 MW: 241.96 MOLFM: Mo-O4 .2Na .2H2-O
SYN: DISODIUM MOLYBDATE DIHYDRATE * SODIUM MOLYBDATE DIHYDRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 ivn-mus TDLo:968 gm/kg (8D preg) ENVRAL 33,47,84
TOXICITY DATA AND REFERENCES:
2F07F24 ipr-rat LD50:520 mg/kg AIPTAK 154,243,65
2F07F24 ipr-mus LD50:257 mg/kg AIPTAK 154,243,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
MOLYBDIC ANHYDRIDE see: QA4725000
MOLYBDIC TRIOXIDE see: QA4725000
MOLYKOTE 522 see: KX4025000
MOMENTOL see: UV8240000
MOMENTUM see: AE4200000

QA5155000 alpha-MOMORCHARIN
DEF:A basic glycoprotein isolated from the seeds of MOMORDICA CHARANTIA L. (CCPTAY 29,91,84)
UPDT:8412
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T27T35 ipr-mus TDLo:400 ug/kg (12D preg) CCPTAY 29,91,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QA5156000 beta-MOMORCHARIN
DEF:A basic glycoprotein isolated from the seeds of MOMORDICA CHARANTIA L. (CCPTAY 29,91,84)
UPDT:8412
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 ipr-mus TDLo:400 ug/kg (12D preg) CCPTAY 29,91,84
1T27 ipr-mus TDLo:800 ug/kg (12D preg) CCPTAY 29,91,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
MOMORDICA CHARANTIA LECTIN see: UK9596000

QA5165000 MOMORDICA CHARANTIA Linn. var. MINOR, extract excluding roots
DEF:Indian plant belonging to the family CUCURBITACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:681 mg/kg IJEBA6 18,594,80

QA5170000 MOMORDIN
DEF:isolated from MOMORDICA CHARANITA (85GDA2 8(1),105,82)
UPDT:8308
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:8800 ug/kg 85GDA2 8(1),105,82
MON 0573 see: MC1075000
MONACETIN see: AK3600000
MONACRIN see: AR7300000
MONACRIN see: AR7350000
MONACRIN HYDROCHLORIDE see: AR7350000
MONAGYL see: NI5600000
MONAMID 150-LW see: JR1925000
MONAMINE see: TL1970000
MONAQUEST see: MB8205000
MONARCH see: UR0785000
MONARGAN see: CF8400000
MONASIRUP see: BZ8925000
MONATE see: PA2625000
MONAWET MD 70E see: WN0525000
MONAWET MO-70 see: WN0525000
MONAWET MO-70 RP see: WN0525000
MONAWET MO-84 R2W see: WN0525000
MONAZAN see: UQ8420000
MONBIR EXTRACT (Indian) see: HE6810000
MONDAK HERBICIDE see: DG7506000
MONDUR MR see: TR0320000
MONDUR MRS see: TR0320000
MONDUR P see: DA3675000
MONDUR TD see: CZ6300000
MONDUR TD-80 see: CZ6300000
MONDUR TDS see: CZ6300000
MONELAN see: JH2829500
MONELGIN see: RG1925000
MONENSIC ACID see: JH2829500
MONENSIN see: JH2829500
MONENSIN A see: JH2829500

QA5960000 MONENSIN, 16-DEETHYL-3-O-DEMETHYL-16-METHYL-3-O-(1-OXOPROPYL)-
UPDT:8309 CAS: 56283-74-0 MW: 698.99 MOLFM: C37-H62-O12
SYN: 16-DEETHYL-3-O-DEMETHYL-16-METHYL-3-O-(1-OXOPROPYL)MONENSIN * LAIDLOMYCIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:5 mg/kg 85ERAY 1,814,78
* scu-mus LD50:2500 ug/kg 85ERAY 1,814,78
* ivn-mus LD50:1 mg/kg 85ERAY 1,814,78
MONETAMINE see: SI1750000
MONEX see: WQ1750000
MONGARE see: CH6875000
MONGARKANDE EXTRACT (Indian) see: CT3510000

QA6130000 MONILIFORMIN
UPDT:8412 CAS: 31876-38-7 MW: 98.06 MOLFM: C4-H2-O3
SYN: CYCLOBUT-3-ENE-1,2-DIONE, 3-HYDROXY- * 1-HYDROXY-CYCLOBUT-1-ENE-3,4-DIONE
TOXICITY DATA AND REFERENCES:
3F18F24J22 orl-rat LD50:41 mg/kg FCTXAV 15,579,77
3F18J22J24 ipr-mus LD50:21 mg/kg POSCAL 60,1415,81
* orl-ckn LD50:4 mg/kg FCTXAV 15,579,77
3F18F24J22 orl-dck LD50:3680 mg/kg FCTXAV 15,579,77
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QA6135000 MONILIN
UPDT:8309 MW: 332.41 MOLFM: C15-H20-N6-O3
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3940 ug/kg 85ERAY 2,1105,78
MONITOR see: TB4970000
MONKEY ANTISERUM to OVINE LUTEINIZING HORMONE see: CD3684300
MONKIL WP see: CH7000000
MONOACETIN see: AK3600000
alpha-MONOACETIN see: AK3600000
1-MONOACETIN see: AK3600000
MONOACETYLBENZIDINE see: AD8585000
MONOACETYL GLYCERINE see: AK3600000
MONOACETYLHYDRAZINE see: AI1225000
MONOACETYL 4-HYDROXYAMINOQUINOLINE see: AL1400000
MONOAETHANOLAMIN (German) see: KJ5775000
MONOALLYLAMINE see: BA5425000
MONOALLYLUREA see: YR7875000
MONOALUMINUM PHOSPHATE see: TB6450000
MONOAMMONIUM CARBONATE see: BO8600000
MONOAMMONIUM METHANEARSONATE see: PA2450000
MONOAMMONIUM SULFAMATE see: WO6125000
MONOAMMONIUM SULFIDE see: BS4900000
MONOAMMONIUM SULFITE see: WT3595000
MONOAZIDO ETHIDIUM see: SF7942000
MONOAZO see: DB7329500
MONOBASIC CHROMIUM SULFATE see: QO6800000
MONOBASIC CHROMIUM SULPHATE see: QO6800000
MONOBASIC LEAD ACETATE see: OF8750000
MONOBASIC dl-alpha-METHYLPHENETHYLAMINE PHOSPHATE see: SI0875000
MONOBASIC RACEMIC AMPHETAMINE PHOSPHATE see: SI0875000
MONOBENZONE see: SJ7700000
MONOBENZYL ETHER HYDROQUINONE see: SJ7700000
MONOBENZYL HYDROQUINONE see: SJ7700000

QA8280000 MONOBOR CHLORATE GRANULAR D
DEF:66.5% SODIUM METABORATE, 30% SODIUM CHLORATE and 1.25% DIURON (FMCHA2 -,C176,83)
UPDT:8309
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2330 mg/kg FMCHA2 -,C176,83
MONOBROMOACETALDEHYDE see: AB2190000
MONOBROMOACETIC ACID see: AF5950000
MONOBROMOACETIC ACID see: AF5955000
MONOBROMOBENZENE see: CY9000000
MONOBROMOETHANE see: KH6475000
MONOBROMOISOVALERYLUREA see: YS3150000
2-MONOBROMOISOVALERYLUREA see: YS3150000
MONOBROMOMETHANE see: PA4900000
MONOBROMOMETHYLATE de DIHYDROMORPHINE (French) see: QD0189100
MONOBROMOTRIFLUORMETHANE (DOT) see: PA5425000
MONOBUTYL see: UQ8420000
MONOBUTYLAMINE see: EO2975000
MONO-n-BUTYLAMINE see: EO2975000
MONOBUTYL ETHER of ETHYLENE GLYCOL see: KJ8575000
MONOBUTYL GLYCOL ETHER see: KJ8575000
MONOBUTYL PHOSPHITE see: TG6720000
MONOBUTYL PHTHALATE see: TI2475000
MONO-n-BUTYL PHTHALATE see: TI2475000
MONO-sec-BUTYL PHTHALATE see: TI2476000
MONOBUTYLTIN TRICHLORIDE see: WH6780000
MONOBUTYLTIN TRILAURATE see: WH6785000
N(sup 6)-MONOBUTYRYLADENOSINE 3',5'-CYCLIC MONOPHOSPHATE see: ES5054900
MONOBUTYRYL CYCLIC AMP see: AU7357800
MONOCAINE HYDROCHLORIDE see: KL4375000
MONOCALCIUM p-AMINOSALICYLATE see: VO1470000
MONOCALCIUM ARSENITE see: CG3380000

QA9299000 MONOCHARIA HASTATA (Linn.) Solms., extract
DEF:Indian plant belonging to the family PONTEDESIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg IJEBA6 15,208,77
MONOCHLOORAZIJNZUUR (Dutch) see: AF8575000
MONOCHLOORBENZEEN (Dutch) see: CZ0175000
MONOCHLORACETIC ACID see: AF8575000
MONOCHLORACETONE see: UC0700000
MONOCHLORAMIDE see: FN0275000
MONOCHLORAMINE see: FN0275000
MONOCHLORBENZENE see: CZ0175000
MONOCHLORBENZOL (German) see: CZ0175000
MONOCHLORESSIGSAEURE (German) see: AF8575000
MONOCHLORETHANE see: KH7525000
MONOCHLORHYDRIN see: TY4025000
MONOCHLORHYDRINE DU GLYCOL (French) see: KK0875000
MONOCHLORIMIPRAMINE see: HN9050000
MONOCHLOROACETALDEHYDE see: AB2450000
MONOCHLOROACETIC ACID see: AF8575000
MONOCHLOROACETIC ACID METHYL ESTER see: AF9500000
MONOCHLOROACETONE see: UC0700000
MONOCHLOROACETONE, inhibited (DOT) see: UC0700000
MONOCHLOROACETONE, stabilized (DOT) see: UC0700000
MONOCHLOROACETONE, unstabilized (DOT) see: UC0700000
MONOCHLOROACETONITRILE see: AL8225000
MONOCHLOROACETYL CHLORIDE see: AO6475000
MONOCHLOROAMINE see: FN0275000
MONOCHLOROAMMONIA see: FN0275000
MONOCHLOROBENZENE see: CZ0175000
MONOCHLOROBIPHENYL see: DV2063000
MONOCHLORODIFLUORMETHANE (DOT) see: PA6390000
MONOCHLORODIFLUOROMETHANE see: PA6390000
MONOCHLORODIMETHYL ETHER see: KN6650000 ETHER, CHLOROMETHYL METHYL
MONOCHLORO DIPHENYL OXIDE see: KO2450000
MONOCHLOROETHANOIC ACID see: AF8575000
2-MONOCHLOROETHANOL see: KK0875000
MONOCHLOROETHENE see: KU9625000
MONOCHLOROETHYLENE see: KU9625000
MONOCHLOROETHYLENE (DOT) see: KU9625000
MONOCHLOROETHYLENE OXIDE see: KH7705000
MONOCHLOROHYDRIN see: TY4025000
alpha-MONOCHLOROHYDRIN see: TY4025000
MONOCHLOROISOTHYMOL see: FI1400000
MONOCHLOROMETHANE see: PA6300000
MONOCHLOROMETHYL CYANIDE see: AL8225000
MONO-CHLORO-MONO-BROMO-METHANE see: PA5250000
MONOCHLOROMONOFLUOROETHANE see: KH7784000 ETHANE, 1-CHLORO-1-FLUORO-
MONOCHLOROMONOFLUOROMETHANE see: PA6408000
MONOCHLOROPENTAFLUOROETHANE see: KH7877500

MONOCHLOROPENTAFLUOROETHANE (DOT) see: KH7877500
p-MONOCHLOROPHENYL PHENYL SULFONE see: WR5775000
MONOCHLOROPROPIONIC ACID see: UE8550000
beta-MONOCHLOROPROPIONIC ACID see: UE8750000
MONOCHLOROSULFURIC ACID see: FX5730000
MONOCHLOROTETRAFLUOROETHANE see: KH8000000
MONOCHLOROTRIFLUOROETHYLENE see: KV0525000
MONOCHLOROTRIFLUOROMETHANE see: PA6410000
MONOCHROME ORANGE R see: VO5310000
MONOCHROME YELLOW 3R see: VO5210000
MONOCHROMIUM OXIDE see: GB6650000
MONOCHROMIUM TRIOXIDE see: GB6650000
MONOCIL 40 see: TC4375000
'MONOCITE' METHACRYLATE MONOMER see: OZ5075000
MONOCLOROBENZENE (Italian) see: CZ0175000
MONOCOBALT OXIDE see: GG2800000
MONOCORTIN see: TU4025000
MONOCRON see: TC4375000

QB3140000 MONOCROTALINE

UPDT 8412 CAS: 315-22-0 MOLFM: C16-H23-N-O6
SYN: CROTALINE * NCI-C56462 * NSC 28693

MUTATION DATA AND REFERENCES:
dnr-esc 1 gm/L CRNGDP 2,189,81
sln-dmg-par 20 umol/L ZEVBAS 91,74,60
trn-dmg-par 10 mmol/L JOGNAU 59,273,66
cyt-hmn:lvr 50 mg/L BJCAAI 14,637,60
dnd-rat-ipr 5 mg/kg CNREA8 44,1505,84
otr-ham:kdy 250 ug/L CRNGDP 1,161,80
oms-ham:ovr 2 mmol/L MUREAV 111,209,83
cyt-ham:ovr 2 mmol/L MUREAV 111,209,83

TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 scu-rat TDLo:130 mg/kg/1Y-I JNCIAM 56,787,76

TOXICITY DATA AND REFERENCES:
orl-rat LD50:66 mg/kg TXAPA9 18,387,71
ipr-rat LDLo:130 mg/kg CBINA8 12,299,76
scu-rat LDLo:60 mg/kg TXAPA9 23,470,72
ivn-rat LD50:92 mg/kg JPETAB 83,265,45
unk-rat LD50:60 mg/kg CNREA8 28,2237,68
ipr-mus LD50:259 mg/kg TXAPA9 59,424,81
ivn-mus LD50:261 mg/kg JPETAB 75,78,42
unk-mam LDLo:80 mg/kg PAREAQ 22,429,70

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FEPRA7 35,89,76; CTRRDO 60,1171,76
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 10,291,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MONOCROTALINE, 3,8-DIDEHYDRO- see: RC1250000
MONOCROTALINE, HYDROCHLORIDE see: RC1290000
MONOCROTALIN HYDROCHLORIDE see: RC1290000
MONOCROTOPHOS see: TC4375000
MONOCYCLOHEXYL PHTHALATE see: TI2490000
MONOCYCLOHEXYLTIN ACID see: WH6875000
MONODEHYDROSORBITOL MONOOLEATE see: WG2932400
MONODEMETHYLIMIPRAMINE see: HO0350000
MONO(2,3-DIBROMOPROPYL)PHOSPHATE see: UB0220000
MONO(2,3-DIBROMOPROPYL)PHOSPHATE AMMONIUM SALT see: UB0[illegible]22000
MONO(2,3-DIBROMOPROPYL)PHOSPHATE MAGNESIUM SALT see: UB0[illegible]25000
MONODIETILAMIDE DELL'ACIDO SUCCINICO (Italian) see: WM3435000
MONO-DIGITOXID (German) see: IH3325000
MONODORM see: CQ1575000
MONODRAL see: BP7525000
MONODRAL BROMIDE see: BP7525000
5,6-MONOEPOXYRETINAL see: VH6830000
5,6-MONOEPOXYVITAMIN A see: VH6830000
MONOETHANOLAMINE see: KJ5775000
MONOETHANOLAMINE (DOT) see: KJ5775000
MONOETHANOLETHYLENEDIAMINE see: KJ6300000
N-MONOETHYLAMIDE of O,O-DIMETHYLDITHIOPHOSPHORYLACETIC ACID see: TE0960000
MONOETHYLAMINE see: KH2100000
MONOETHYLAMINE, ANHYDROUS (DOT) see: KH2100000
MONOETHYLAMINE (DOT) see: KH2100000
2-N-MONOETHYLAMINOETHANOL see: KK9100000
MONOETHYLCHOLINE see: BQ5460000
MONOETHYLDICHLOROTHIOPHOSPHATE see: TD4400000
MONOETHYLENE GLYCOL see: KW2975000
MONOETHYLENE GLYCOL DIMETHYL ETHER see: KI1451000
MONOETHYL ETHER of DIETHYLENE GLYCOL see: KK8750000
MONOETHYLHEXYL PHTHALATE see: TI2500000
MONO(2-ETHYLHEXYL)PHTHALATE see: TI2500000
MONO(2-ETHYLHEXYL)SULFATE SODIUM SALT see: MP0700000
MONOETHYL SULFATE see: WT1101700
MONOETHYLTIN TRICHLORIDE see: WH8270000
MONOFEN see: MV8750000
MONOFLUORAZIJNZUUR (Dutch) see: AH5950000
MONOFLUORESSIGSAURE (German) see: AH5950000
MONOFLUORESSIGSAURES NATRIUM (German) see: AH9100000
MONOFLUOROACETAMIDE see: AC1225000
MONOFLUOROACETATE see: AH5950000
MONOFLUOROACETIC ACID see: AH5950000
MONOFLUOROACETIC ACID p-BROMOBENZYLAMIDE see: AB4592800
MONOFLUOROETHANE see: KI3650000
MONOFLUOROETHYLENE see: YZ7351000
alpha-MONOFLUOROMETHYLHISTIDINE see: MI8280000
MONOFLUOROPHOSPHORIC ACID see: TE5000000
MONOFLUOROPHOSPHORIC ACID, ANHYDROUS (DOT) see: TE5000000
MONOFLUOROTRICHLOROMETHANE see: PB6125000
11-MONOFORMYLANHYDROTETRODOTOXIN see: XF8884000 TETRODOTOXIN, 4,9-ANHYDRO-, 11-FORMATE(ester)
MONOFURACIN see: LT7700000
MONOGERMANE see: LY4900000
MONOGLYCIDYL ETHER of N-PHENYLDIETHANOLAMINE see: KK7900000
MONO-GLYCOCARD see: IH2275000 DIGITOXIN
MONOGLYME see: KI1451000
MONO-N-HEXYLAMINE see: MQ4540000
MONOHYDROXYBENZENE see: SJ3325000
N-MONO(beta-HYDROXYETHYL)-1-AMINODODECANE HYDROCHLORIDE see: KK7600000 ETHANOL, 2-(DODECYLAMINO)-, HYDROCHLORIDE
N-MONO(beta-HYDROXYETHYL)-2-AMINODODECANE HYDROCHLORIDE see: KL8530000 ETHANOL, 2-((1-METHYLUNDECYL)AMINO)-, HYDROCHLORIDE
N-MONO(beta-HYDROXYETHYL)-6-AMINODODECANE HYDROCHLORIDE see: KL9920000 ETHANOL, 2-((1-PENTYLHEPTYL)AMINO)-, HYDROCHLORIDE
N-MONO(beta-HYDROXYETHYL)-2-AMINOHEXADECANE HYDROCHLORIDE see: KL7374000 ETHANOL 2-((1-METHYLPENTADECYL)AMINO)-, HYDROCHLORIDE
N-MONO(beta-HYDROXYETHYL)-2-AMINOOCTADECANE HYDROCHLORIDE see: KL737[illegible]000 ETHANOL, 2-((1-METHYLHEPTADECYL)AMINO)-, HYDROCHLORIDE
N-MONO(beta-HYDROXYETHYL)-2-AMINOTETRADECANE HYDROCHLORIDE see: KL8230000 ETHANOL, 2-((1-METHYLTRIDECYL)AMINO)-, HYDROCHLORIDE
MONOHYDROXYMETHANE see: PC1400000
MONO(4-HYDROXY-3-SULFOPHENYL)ESTER of BUTANEDIOIC ACID compd. with PYRIDINE (1:1) see: EK0110500
MONOIODOACETAMIDE see: AC4200000
MONOIODOACETATE see: AI3500000
MONOIODOACETIC ACID see: AI3500000
MONOIODOMETHANESULFONIC ACID, SODIUM SALT see: PB2250000
MONOIODURO DI METILE (Italian) see: PA9450000
MONOISOBUTYLAMINE see: NP9900000
MONO-ISO-BUTYL PHTHALATE see: TI2550000
MONO-ISO-PROPANOLAMINE see: UA5775000
N-MONOISOPROPYLAMIDE of O,O-DIETHYLDITHIOPHOSPHORYLACETIC ACID see: TD8225000
MONOISOPROPYLAMINE see: NT8400000
MONOISOPROPYLAMINOETHANOL see: KL5080000
4-MONOISOPROPYLAMINO-1-PHENYL-2,3-DIMETHYL-5-PYRAZOLONE see: CD2975000
MONO-ISOPROPYL-DISUPYRAMIDE see: UR8462000
MONOISOPROPYL ETHER of ETHYLENE GLYCOL see: KL5075000
MONOKROTOFOSZ (Hungarian) see: TC4375000
MONOLAURYL DIMETHYLAMINE see: JR6600000
MONOLINURON see: YS6425000
MONOLITE FAST NAVY BLUE BV see: DU2988400
MONOLITE FAST ORANGE 2R see: QL3854000
MONOLITE FAST PAPER ORANGE 2R see: QL3854000
MONOLITE FAST RED G see: QL3436000
MONOLITE FAST RED 2G see: QL3854000
MONOLITE FAST RED GA see: QL3436000
MONOLITE FAST RED GF see: QL3436000
MONOLITE FAST SCARLET CA see: QK4247000
MONOLITE FAST SCARLET GSA see: QK4247000
MONOLITE FAST SCARLET RB see: QK4247000
MONOLITE FAST SCARLET RBA see: QK4247000
MONOLITE FAST SCARLET RN see: QK4247000
MONOLITE FAST SCARLET RNA see: QK4247000
MONOLITE FAST SCARLET RNV see: QK4247000
MONOLITE FAST SCARLET RT see: QK4247000
MONOLITE YELLOW GRA see: AK4580000
MONOLITE YELLOW 2GRA see: AK4580000
MONOLITE YELLOW GT see: AK4580000
MONOLITE YELLOW GTA see: AK4580000
MONOLITE YELLOW GTN see: AK4580000
MONOLITE YELLOW GTNA see: AK4580000
MONOLITE YELLOW GTS see: AK4580000
MONOLITHIUM PHOSPHATE see: TC6593950 PHOSPHORIC ACID, MONOLITHIUM SALT
MONO MAG SULF see: OM4510000
MONOMER MG-1 see: OZ4725000
MONOMETHYLACETAMIDE see: AC5960000
MONOMETHYLAETHER der 2,4,6-TRIOXYBENZOPHENON (German) see: DJ1050000
N-MONOMETHYLAMIDE of O,O-DIMETHYLDITHIOPHOSPHORYLACETIC ACID see: TE1750000
MONOMETHYLAMINE see: PF6300000
MONOMETHYLAMINE, AQUEOUS SOLUTION (DOT) see: KH2155000
MONOMETHYLAMINE (DOT) see: PF6300000
MONOMETHYL-AMINOAETHANOL (German) see: KL6650000
MONOMETHYLAMINOANTIPYRINE see: CD2995850
4-MONOMETHYLAMINOANTIPYRINE see: CD2995850
p-MONOMETHYLAMINOAZOBENZENE see: BY5950000
4-MONOMETHYLAMINOAZOBENZENE see: BY5950000
MONOMETHYLAMINOETHANOL see: KL6650000
N-MONOMETHYLAMINOETHANOL see: KL6650000
N-MONOMETHYL-2-AMINOFLUORENE see: LL5600000
2-MONOMETHYLAMINOFLUORENE see: LL5600000
4-MONOMETHYLAMINOPHENAZONE see: CD2995950
MONOMETHYLANILINE see: BY4550000
N-MONOMETHYLANILINE see: BY4550000
MONOMETHYLARSINIC ACID see: PA1575000
10-MONOMETHYLBENZO(a)PYRENE see: DJ7500000
MONOMETHYLDIAMINODIPHENAZOTHIONIUM CHLORIDE see: SP5680000
MONOMETHYL ETHER of ETHYLENE GLYCOL see: KL5775000
MONO METHYL ETHER HYDROQUINONE see: SL7700000
MONOMETHYL ETHER of 2,4,6-TRIHYDROXYBENZOPHENONE see: DJ1050000
MONOMETHYLFORMAMIDE see: LQ3000000
MONOMETHYL GUANIDIN (German) see: MF3683000
MONOMETHYLGUANIDINE see: MF3683000
MONOMETHYLHYDRAZINE see: MV5600000
MONOMETHYLMALEIC ANHYDRIDE see: GE6825000
MONOMETHYL MERCURY CHLORIDE see: OW1225000
MONOMETHYLOLACRYLAMIDE see: AS3600000
MONOMETHYLOLFORMALDEHYDE see: MC2980000
MONOMETHYLTHIONINE see: SP5680000
MONOMETHYLTHIONINE CHLORIDE see: SP5680000
MONOMETHYLTIN TRICHLORIDE see: WH8585500

QB9270000 MONOMYCIN

UPDT 8402 CAS: 54597-56-7

TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:510 mg/kg 85FZAT -,433,67
• scu-mus LD50:615 mg/kg 85FZAT -,433,67
3F05F07F23 ivn-mus LD50:97 mg/kg ANTBAL 5(4),10,60

MONOMYCIN A see: WK2315000
MONOMYRISTIC SUCROSE ESTER see: WN6600000
MONONITROCHLOROBENZENE see: CZ0855000
MONONITRONAPHTHALENE see: QJ9710000
MONONITROPHENOL see: SM1920000
MONONITROSOPIPERAZINE see: TM2450000
N-MONONITROSOPYRIDINOL CARBAMATE see: US9156000
MONONITROTOLUENE see: XT2972000
MONONITRO-m-TOLUIDINE (DOT) see: XU8040000
MONONITRO-o-TOLUIDINE (DOT) see: XU8150000
MONONITRO-p-TOLUIDINE (DOT) see: XU8226500
MONOOCTADECYL ETHER of GLYCEROL see: TZ0960000
MONO-n-OCTYLTIN TRICHLORIDE see: WH8590000
MONO-n-OCTYL-ZINN-TRICHLORID (German) see: WH8590000
MONOPEN see: XH9700000

MONOPENTEK see: RZ2490000
MONOPHEN see: MV8750000
MONOPHENYLBUTAZONE see: UQ8420000
MONOPHENYLUREA see: YU0650000
MONOPHOR see: SI0875000
MONOPHOS see: SI0875000
MONOPHOSADENINE de PAPAVERINE (French) see: AU7481800
MONOPHYLLINE see: XH5907500
MONOPLEX DBS see: VS1150000
MONOPLEX DOA see: AU9700000
MONOPLEX DOS see: VS1000000
MONOPOTASSIUM ARSENATE see: CG1100000
MONOPOTASSIUM DIHYDROGEN ARSENATE see: CG1100000
MONOPOTASSIUM GLUTAMATE see: MA1430000
MONOPOTASSIUM SALT of ACETYLENEDICARBOXYLIC ACID see: AP0700000
MONOPOTASSIUM SULFATE see: TS7200000
MONOPRIM see: UV8225000
MONOPROPYLAMINE see: UH9100000
MONO-n-PROPYLAMINE see: UH9100000
MONOPROPYLAMINE (DOT) see: UH9100000
MONOPROPYLENE GLYCOL see: TY2000000
MONOPROPYL ETHER of ETHYLENE GLYCOL see: KM2800000
MONOPYRROLE see: UX9275000
MONORHEUMETTEN see: UQ8420000
MONOSAN see: AG6825000
MONOSILANE see: VV1400000
MONOSODIOGLUTAMMATO (Italian) see: MA1575000
MONOSODIUM 5-ACETAMIDO-2,4,6-TRIIODO-N-METHYLISOPHTHALAMATE see: NT1987000
MONOSODIUM ACID METHANEARSONATE see: PA2625000
MONOSODIUM ACID METHARSONATE see: PA2625000
MONOSODIUM beta-AMINOETHYL THIOPHOSPHATE see: TE6483500
MONOSODIUM ASCORBATE see: CI7671000
MONOSODIUM CARBONATE see: VZ0950000
MONOSODIUM CEFOXITIN see: XI0330500
MONOSODIUM CITRATE see: GE7950000
MONOSODIUM CYANURATE see: XZ1912000
MONOSODIUM DIHYDROGEN CITRATE see: GE7950000
MONOSODIUM DIHYDROGEN PHOSPHATE see: WA1900000
MONOSODIUM 5-ETHYL-5-(1-METHYLBUTYL) THIOBARBITURATE see: CQ6475000
MONOSODIUM FERRIC EDTA see: AH4900000
MONOSODIUM FLUCLOXACILLIN see: XH8680000
MONOSODIUM GLUTAMATE see: MA1575000
MONOSODIUM L-GLUTAMATE see: MA1575000
alpha-MONOSODIUM GLUTAMATE see: MA1575000
MONOSODIUM METHANEARSONATE see: PA2625000
MONOSODIUM METHANEARSONIC ACID see: PA2625000
MONOSODIUM METHYLARSONATE see: PA2625000
MONOSODIUM NOVOBIOCIN see: RD5425000
MONOSODIUM PHOSPHATE see: WA1900000
MONOSODIUM SALT of 2,2'-METHYLENE BIS(3,4,6-TRICHLOROPHENOL) see: SM0750000
MONOSODIUM 2-SULFANILAMIDOPYRIMIDINE see: WP2000000
MONOSODIUM 2-SULFANILAMIDOTHIAZOLE see: WP2450000
MONOSODIUM THYROXINE see: XP3583000
MONOSORB XP-4 see: WA1900000
MONOSPAN see: YM3500000
MONOSTEARIN see: RG1925000
MONOSTEOL see: WI4550000
MONOSTEOL TG see: WI4550000
MONOSULFUR DICHLORIDE see: WS4500000

QC3205000 MONOTARD HUMAN
DEF:Contains newly-developed monocomponent type semisynthesized human insulin (OYYAA2 25,449,83)
UPDT:8311
TOXICITY DATA AND REFERENCES:

3D28F17F25	ipr-mus LD50:3937 iu/kg	OYYAA2 25,449,83

MONOTEN see: MV8750000
MONOTHIOETHYLENEGLYCOL see: KL5600000
MONOTHIOSUCCINIMIDE see: WN3500000
MONO-THIURAD see: WQ1750000
MONOTHIURAM see: WQ1750000
MONOTRICHLOR-AETHYLIDEN-alpha-GLUCOSE (German) see: FM9450000
MONOVAR see: JF8225200
MONOVERIN see: GX1210000
MONOVINYL PHOSPHATE see: TC6593000
MONOXOL OT see: WN0525000
MONOXONE see: AG1400000
beta-MONOXYNAPHTHALENE see: QL2775000
MONOZOL see: WJ6968000
MONSANTO 299 see: AT6970000
MONSANTO 440 see: AT6970000
MONSANTO CP-18978 see: TD7950000
MONSANTO CP-19203 see: TA7600000
MONSANTO CP-19699 see: TB1750000
MONSANTO CP-20220 see: ON2200000
MONSANTO CP-22258 see: TD5650000
MONSANTO CP-40272 see: TB1075000
MONSANTO CP-40273 see: TB1690000
MONSANTO CP-40294 see: TB1680000
MONSANTO CP-40296 see: TB1077000
MONSANTO CP-40298 see: TB1076000
MONSANTO CP-40507 see: TB1700000
MONSANTO CP-42320 see: DV1778000
MONSANTO CP-42366 see: DV1780000
MONSANTO CP-43858 see: DV1800000
MONSANTO CP 47114 see: TG0350000
MONSANTO CP-48985 see: DV2050000
MONSANTO CP-49674 see: TE0350000
MONSANTO CP-51543 see: GZ2200000
MONSANTO CP 51969 see: TE7175000

QC4486500 MONSTERA DELICIOSA Liebm., leaf extract
UPDT:8408
TOXICITY DATA AND REFERENCES:

*	ipr-rat LDLo:30 gm/kg	JTEHD6 1,939,76
*	orl-mus LDLo:2857 mg/kg	JTEHD6 1,939,76

MONTAN 80 see: WG2932400
MONTANE 60 see: WG2933500

QC4489050 MONTANOA TOMENTOSA, leaf extract
UPDT:8402
SYN: ZOAPATLE, leaf extract
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	orl-wmn TDLo:3200 mg/kg (7W preg)	AJOGAH 135,480,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QC4489100 MONTANOA TOMENTOSA, leaf extract, crude
UPDT:8401
SYN: ZOAPATLE, crude leaf extract
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-rat TDLo:600 mg/kg (1-6D preg)	CCPTAY 23,133,81
1T22	orl-mus TDLo:3 gm/kg (1-6D preg)	CCPTAY 23,133,81
2T25T35	orl-gpg TDLo:250 mg/kg (22D preg)	CCPTAY 23,133,81
2T25T35	ipr-gpg TDLo:100 mg/kg (22D preg)	CCPTAY 23,133,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QC4489200 MONTANOA TOMENTOSA, leaf extract, semi-purified
UPDT:8401
SYN: ZOAPATLE, semi-purified leaf extract
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-mus TDLo:1200 mg/kg (1-6D preg)	CCPTAY 23,133,81
2T25T35	orl-gpg TDLo:53 mg/kg (22D preg)	CCPTAY 23,133,81
2T25T35	ipr-gpg TDLo:50 mg/kg (22D preg)	CCPTAY 23,133,81
1T22	scu-ham TDLo:900 mg/kg (4-6D preg)	CCPTAY 23,133,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MONTAR see: TQ1350000
MONTEBAN see: VO8640000
MONTECATINI L-561 see: AI7875000
MONTHYBASE see: WI4100000
MONTHYLE see: WI4100000
MONTMORILLONITE see: CT9450000
MONTREL see: TB3850000
MONTROSE PROPANIL see: UE4900000
MONUREX see: YS6300000
MONURON see: YS6300000
MONURON-TCA see: AJ8050000
MONUROX see: YS6300000
MONURUON see: YS6300000
MONUURON see: YS6300000
MONYDRIN see: DN4200000
MONZET see: EZ9680000
MOON see: MA8050000
MOP see: UC3083000
8-MOP see: LV1400000
MOPA see: AI8960000
MOPARI see: TC0350000
MOPLEN see: UD1842000
MOPLEN AD 50N see: UD1842000
MOPLEN AS 50 see: UD1842000
MOPLEN Q 51C see: UD1842000
MOPLEN RO-QG 6015 see: TQ3325000
MOPLEN T 30G see: UD1842000
MOQUIZONE see: VA3150000
MOQUIZONE HYDROCHLORIDE see: VA3190000
D-MORAMIDE TARTRATE see: UY1430000
MORANGE EXTRACT (Indian) see: OE5784050
MORANYL see: QM7000000
MORBAM see: TZ0175000
MORBICID see: LP8925000
MOR-CRAN see: TH7350000
MORELLIN see: PB9268000
MOREPEN see: XH8425000
MORESTAN see: FG1400000
MORESTANE see: FG1400000
MORESTIN see: KG8775000
MORFAMQUAT see: UU2592000
MORFINA (Italian) see: QC7875000
alpha-MORFOLINO-3-CLOROBUTIROANILIDE (Italian) see: QD6495150
MORFOXONE see: UU2592000
MORIAL see: WU7677400
MORIN see: LK8749000

QC5250000 MORINGA OLEIFERA Lamk., extract excluding roots
DEF:Indian plant belonging to the family MORINGACEAE (IJEBA6 18,594,80)
UPDT:8412
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-ham TDLo:500 mg/kg (1-5D preg)	IJEBA6 18,594,80

TOXICITY DATA AND REFERENCES:

1V30	ipr-mus LD50:8 mg/kg	IJEBA6 18,594,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QC5258000 MORINGA OLEIFERA Lam., root bark extract
DEF:Indian plant belonging to the family MORINGACEAE (IJEBA6 6,232,68)
UPDT:8305
SYN: SAHAJAN ROOT BARK EXTRACT
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:500 mg/kg	IJEBA6 6,232,68

QC5271000 MORINDA CITRIFOLIA Linn., extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: NUNA, extract
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:750 mg/kg	IJEBA6 15,208,77

MORISYLYTE CITRATE see: FI1582000
MORKIT see: CB4725000
MOROCIDE see: GQ5600000
MORONAL see: RF5950000
MOROSAN see: DF1575000
MOROXYDINE HYDROCHLORIDE see: QD9815000
MORPAN T see: BT2677000
MORPHACETIN see: QC8050000
MORPHACTIN see: LL6070000
MORPHANQUAT DICHLORIDE see: UU2592000
MORPHANTHRIDINE, 6-(4-METHYL-1-PIPERAZINYL)- see: HO2840000
MORPHIA see: QC7875000
MORPHINA see: QC7875000
MORPHINAN, 17-ALLYL-3-HYDROXY- see: QD0350000
MORPHINAN, 3,17-DIMETHYL-, HYDROBROMIDE, (9-alpha,13-alpha,14-alpha)- (9CI) see: QC7695400

QC7695400 9-alpha,13-alpha,14-alpha-MORPHINAN, 3,17-DIMETHYL-, HYDROBROMIDE
UPDT:8303 CAS: 36304-85-5 MW: 336.36 MOLFM: C18-H25-N Br-H
SYN: (9-alpha,13-alpha,14-alpha)-3,17-DIMETHYL-MORPHINAN HYDROBROMIDE * d-3-METHYL-N-METHYLMORPHINAN HYDROBROMIDE * MORPHINAN, 3,17-DIMETHYL-, HYDROBROMIDE, (9-alpha,13-alpha,14-alpha)- (9CI)
TOXICITY DATA AND REFERENCES:

1J30	unk-mam LD50:185 mg/kg	CPBTAL 20,1706,72

QC7696000 MORPHINAN, 3,17-DIMETHYL-, (9-alpha,13-alpha,14-alpha)-, PHOSPHATE (1:1)

UPDT:8412 CAS: 36304-84-4 MW: 353.44 MOLFM: C18-H25-N .H3-O4-P

SYN: ASTOMIN * DIMEMORFAN PHOSPHATE * 3,17-DIMETHYL-9-alpha,13-alpha,14-alpha-MORPHINAN PHOSPHATE * d-3-METHYL-N-METHYLMORPHINAN PHOSPHATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:690 mg/kg	MEIEDD 10,466,83
*	scu-rat LD50:556 mg/kg	NIIRDN 6,345,82
*	ivn-rat LD50:57 mg/kg	MEIEDD 10,466,83
3F11F12F19	orl-mus LD50:475 mg/kg	ARZNAD 26,353,76
*	scu-mus LD50:202 mg/kg	NIIRDN 6,345,82
*	ivn-mus LD50:34 mg/kg	MEIEDD 10,466,83
3F11F12K13	ivn-dog LD50:35 mg/kg	ARZNAD 26,353,76

QC7700000 MORPHINAN-3,6-alpha-DIOL, 17-ALLYL-7,8-DIDEHYDRO-4,5-alpha-EPOXY-

UPDT:8411 CAS: 62-67-9 MW: 311.41 MOLFM: C19-H21-N-O3

SYN: ALLORPHINE * N-ALLYL-7,8-DEHYDRO-4,5-EPOXY-3,6-DIHYDROXYMORPHINAN * N-ALLYL-N-DESMETHYLMORPHINE * N-ALLYLNORMORPHINE * ANARCON * ANTOFIN * ANTORFIN * ANTORPHINE * LETHIDROME * LETHIDRONE * LITHIDRONE * NALLINE * NALORFINA * NALORPHINE * NALORPHINIUM * NANM * NORMORPHINE, N-ALLYL-

TOXICITY DATA AND REFERENCES:

3A11F08F13	par-hmn TDLo:200 ug/kg	PAREAQ 8,175,56
3F08F11F26	scu-hmn TDLo:71 ug/kg	FEPRA7 15,442,56
	scu-rat LD50:474 mg/kg	AIPTAK 165,112,67
	ivn-rat LD50:226 mg/kg	AIPTAK 165,112,67
	orl-mus LD50:1140 mg/kg	27ZQAG -,268,72
	ipr-mus LD50:492 mg/kg	PAREAQ 8,175,56
	scu-mus LD50:500 mg/kg	AIPTAK 165,112,67
	ivn-mus LD50:127 mg/kg	AIPTAK 165,112,67
	par-mus LD50:670 mg/kg	PAREAQ 8,175,56
	scu-mky LDLo:400 mg/kg	FEPRA7 13,369,54
	ivn-mky LDLo:100 mg/kg	FEPRA7 13,369,54
	ivn-rbt LDLo:50 mg/kg	PAREAQ 8,175,56

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: PAREAQ 8,175,56

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QC7710000 MORPHINAN-3,6-alpha-DIOL, 17-ALLYL-7,8-DIDEHYDRO-4,5-alpha-EPOXY-, HYDROCHLORIDE

UPDT:8405 CAS: 57-29-4 MW: 347.87 MOLFM: C19-H21-N-O3 Cl-H

SYN: N-ALLYL-2,12-DIHYDROXY-1,11-EPOXYMORPHINENE-13 HYDROCHLORIDE * ALLYLMORPHINE HYDROCHLORIDE * N-ALLYLNORMORPHINE HYDROCHLORIDE * MIROMORFALIL * NALINE HYDROCHLORIDE * NALORPHINE HYDROCHLORIDE * NORMORPHINE, N-ALLYL-, HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T03	scu-rat TDLo:350 mg/kg (14D male)	JRPFA4 14,481,67

TOXICITY DATA AND REFERENCES:

3F06F08F10	ivn-hmn TDLo:143 ug/kg	AJPSAO 113,887,57
1F29	orl-rat LD50:1150 mg/kg	AIPTAK 123,48,59
	scu-rat LD50:1460 mg/kg	TXAPA9 18,185,71
*	ipr-mus LD50:447 mg/kg	AIPTAK 103,489,55
	scu-mus LD50:670 mg/kg	CLDND*
	ivn-mus LD50:123 mg/kg	TXAPA9 6,334,64
1F29	ivn-dog LD50:120 mg/kg	AIPTAK 149,571,64

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QC7795000 MORPHINAN-3,14-DIOL, 17-(CYCLOBUTYLMETHYL)-, (S-(R*,R*))-2,3-DIHYDROXYBUTANEDIOATE (1:1) (SALT)

UPDT:8408 CAS: 58786-99-5 MW: 477.61 MOLFM: C21-H29-N-O2 C4-H6-O6

SYN: BT * BUTORPHANOL TARTRATE * STADOL * TORATE * TORBUTROL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	ipr-rat TDLo:3 gm/kg (30D male)	IYKEDH 13,176,82
1T03	ipr-rat TDLo:1500 mg/kg (30D male)	IYKEDH 13,176,82
1T13	ipr-rat TDLo:9100 mg/kg (26W pre)	IYKEDH 13,261,82
3T75T85T86	scu-rat TDLo:26 mg/kg (17-22D preg/20D post)	IYKEDH 13,429,82
2T53T73	scu-rat TDLo:11 mg/kg (7-17D preg)	IYKEDH 13,401,82
2T46T71	scu-rat TDLo:55 mg/kg (7-17D preg)	IYKEDH 13,401,82
2T31T34	scu-rat TDLo:84 mg/kg (63D male/14D pre-7D preg)	IYKEDH 13,390,82
2T46T76	ivn-rat TDLo:27500 ug/kg (7-17D preg)	IYKEDH 13,446,82
1T35	ivn-rat TDLo:55 mg/kg (7-17D preg)	IYKEDH 13,446,82
1T85	ivn-rat TDLo:11 mg/kg (7-17D preg)	IYKEDH 13,446,82
1T03	ims-rat TDLo:1500 mg/kg (30D male)	IYKEDH 13,198,82
1T25	scu-rbt TDLo:13 mg/kg (6-18D preg)	IYKEDH 13,421,82

TOXICITY DATA AND REFERENCES:

3F07F12J22	orl-rat LD50:315 mg/kg	IYKEDH 13,145,82
3F07F12J22	ipr-rat LD50:127 mg/kg	IYKEDH 13,145,82
3F07F12J22	scu-rat LD50:425 mg/kg	IYKEDH 13,145,82
*	ivn-rat LD50:17 mg/kg	DRUGAY 16,474,78
3F07F12J22	ims-rat LD50:255 mg/kg	IYKEDH 13,145,82
*	orl-mus LD50:395 mg/kg	DRUGAY 16,474,78
3F07F12J22	ipr-mus LD50:192 mg/kg	IYKEDH 13,145,82
3F07F12J22	scu-mus LD50:302 mg/kg	IYKEDH 13,145,82
3F07F12J22	ivn-mus LD50:36 mg/kg	IYKEDH 13,145,82
3F07F12J22	ims-mus LD50:208 mg/kg	IYKEDH 13,145,82
*	ivn-dog LD50:10 mg/kg	DRUGAY 16,474,78
*	ims-dog LD50:17 mg/kg	DRUGAY 16,474,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QC7875000 MORPHINAN-3,6-alpha-DIOL, 7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYL-

UPDT:8406 CAS: 57-27-2 MW: 285.37 MOLFM: C17-H19-N-O3

SYN: 9H-9,9c-IMINOETHANOPHENANTHRO(4,5-bcd)FURAN-3,5-DIOL, 4a,5,7a,8-TETRAHYDRO-12-METHYL- * MORFINA (Italian) * MORPHIA * MORPHINA * MORPHINE * (-)-MORPHINE * MORPHINISM * MORPHINUM * MORPHIUM

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T84	unk-wmn TDLo:648 mg/kg (1-39W preg)	PEDIAU 24,268,59
2T81T85	scu-rat TDLo:145 mg/kg (5-12D preg)	JPETAB 197,533,76
1T87	scu-rat TDLo:145 mg/kg (5-12D preg)	DABBBA 36,6107,75
1T13	scu-rat TDLo:500 mg/kg (14W pre)	JPETAB 41,317,31
1T09	scu-rat TDLo:840 ug/kg (1D male)	JPETAB 198,340,76
2T03T09	imp-rat TDLo:300 mg/kg (3D male)	ENDOAO 98,367,76
1T02	scu-mus TDLo:400 mg/kg (10D male)	TXAPA9 25,453,73

TOXICITY DATA AND REFERENCES:

	unk-man LDLo:3676 ug/kg	85DCAI 2,73,70
	orl-rat LD50:335 mg/kg	DRFUD4 2,39,77
	ipr-rat LD50:160 mg/kg	PHARAT 31,655,76
	scu-rat LD50:255 mg/kg	ARZNAD 3,238,53
1F29	ivn-rat LD50:223 mg/kg	DDREDK 1,83,81
*	unk-rat LD50:317 mg/kg	FATOAO 43(1),23,80
	orl-mus LD50:745 mg/kg	JPPMAB 17,759,65
*	ipr-mus LD50:236 mg/kg	VMEZA4 (6),44,78
	scu-mus LD50:360 mg/kg	JPETAB 99,163,50
*	ivn-mus LD50:135 mg/kg	THERAP 7,21,52
	ice-mus LD50:6900 ug/kg	SCIEAS 134,1078,61
*	ivn-dog LD50:133 mg/kg	CPBTAL 7,372,59
	scu-cat LDLo:60 mg/kg	27ZIAQ -,165,73
	scu-rbt LDLo:320 mg/kg	HBAMAK 4,1367,35
	scu-gpg LDLo:500 mg/kg	HBAMAK 4,1367,35
	ivn-rbt LDLo:220 mg/kg	HBAMAK 4,1367,35
	orl-pgn LDLo:500 mg/kg	HBAMAK 4,1368,35
	scu-frg LDLo:600 mg/kg	HBAMAK 4,1368,35

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: PLMJAP 6(1),160,75; CLCHAU 19,361,73; FNSCA6 2,67,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QC7924000 MORPHINAN-3,6-alpha-DIOL, 7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYL-, pyrolyzate

UPDT:8310

SYN: MORPHINE, pyrolyzate

MUTATION DATA AND REFERENCES:

	mma-sat 1500 ng/plate	CRNGDP 3,577,82
	sce-hmn:lym 10 mg/L	CRNGDP 4,227,83
	sce-hmn:ovr 10 mg/L	CRNGDP 4,227,83

QC8050000 MORPHINAN-3,6-alpha-DIOL, 7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYL-, DIACETATE (ester)

UPDT:8408 CAS: 561-27-3 MW: 369.45 MOLFM: C21-H23-N-O5

SYN: ACETOMORFINE * ACETOMORPHINE * ASPRON * BOY * DIACEPHIN * DIACETYLMORFIN * DIACETYLMORPHINE * DIAMORFINA * DIAMORPHINE * DIAPHORM * DIASETIELMORFIEN * DIASETILMORFIN * DIASETYLMORFIIMI * DIAZETYLMORPHINE * 7,8-DIHYDRO-4,5-alpha-EPOXY-17-METHYLMORPHINAN-3,6-alpha-DIOL DIACETATE * DOOJE * ECLORION * EROINA * H * HAIRY * HARRY * HEROIEN * HEROIIN * HEROIN * HEROLAN * HORSE * IEROIN * IROINI * JOY POWDER * MORPHACETIN * MORPHINE DIACETATE * PREZA * SCOT * WHITE STUFF

MUTATION DATA AND REFERENCES:

	cyt-mky-ivn 141 mg/kg/26W-I	MUREAV 118,77,83
	sce-mky-ivn 141 mg/kg/26W-I	MUREAV 118,77,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T84	scu-wmn TDLo:10800 ug/kg (1-39W preg)	PEDIAU 24,288,59
1T84	ivn-wmn TDLo:32 mg/kg (1-39W preg)	PEDIAU 24,288,59
2T81T85	ipr-rat TDLo:240 mg/kg (5D pre-21D post)	PBBHAU 7,281,77
1T34	ivn-rbt TDLo:9 mg/kg (24-26D preg)	JOPDAB 82,869,73
1T81	scu-ham TDLo:254 mg/kg (8-9D preg)	AJOGAH 120,1105,74

TOXICITY DATA AND REFERENCES:

	scu-mus LDLo:262 mg/kg	JPETAB 53,430,35
	scu-dog LDLo:25 mg/kg	HBAMAK 4,1289,35
	orl-cat LDLo:20 mg/kg	HBAMAK 4,1289,35
	scu-rbt LDLo:150 mg/kg	27ZXA3 -,-,63
	scu-gpg LDLo:400 mg/kg	HBAMAK 4,1289,35

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CLCHAU 19,361,73; FNSCA6 2,67,73; JAMAAP 235,1121,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QC8280000 MORPHINAN-3,6-alpha-DIOL, 7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYL-, HEMISUCCINATE

UPDT:8407 MW: 344.42 MOLFM: C17-H19-N-O3 1/2C4-H6-O4

SYN: 7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYLMORPHINAN-3,6-alpha-DIOL HEMISUCCINATE * M-6-HS * MORPHINE-6-HEMISUCCINATE

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:494 mg/kg	LIFSAK 18,829,76

MORPHINAN-3,6-alpha-DIOL, 7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYL-, HYDROCHLORIDE see QC8575000

QC8575000 MORPHINAN-3,6-DIOL, 7,8-DIDEHYDRO-4,5-EPOXY-17-METHYL-, HYDROCHLORIDE, (5-alpha,6-alpha)-

UPDT:8411 CAS: 52-26-6 MW: 321.83 MOLFM: C17-H19-N-O3 Cl-H

SYN: MORPHINAN-3,6-alpha-DIOL, 7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYL-, HYDROCHLORIDE * MORPHINE CHLORHYDRATE * MORPHINE CHLORIDE * MORPHINE HYDROCHLORIDE * MORPHINE, 7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYL-, HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T26T34	scu-rat TDLo:840 mg/kg (4-10D preg)	KAEMAW 51,41,78
1T27	scu-rat TDLo:480 mg/kg (7-10D preg)	KAEMAW 51,41,78

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:335 mg/kg	AIPTAK 221,105,76
	scu-rat LD50:480 mg/kg	AIPTAK 115,213,58
	ivn-rat LD50:265 mg/kg	AIPTAK 115,213,58
*	orl-mus LD50:745 mg/kg	JJPAAZ 18,406,68
*	ipr-mus LD50:148 mg/kg	BJPCBM 73,887,81
*	scu-mus LD50:405 mg/kg	AIPTAK 135,462,62
*	ivn-mus LD50:204 mg/kg	AIPTAK 221,105,76
*	ivn-dog LD50:175 mg/kg	CPBTAL 7,372,59
	orl-rbt LDLo:700 mg/kg	AIPTAK 14,289,05
	ipr-rbt LD50:500 mg/kg	JPETAB 60,14,37
	scu-rbt LD50:129 mg/kg	JPETAB 66,182,39
	ivn-rbt LD50:135 mg/kg	AIPTAK 85,387,51
	par-rbt LDLo:190 mg/kg	JPETAB 66,182,39
*	scu-gpg LD50:340 mg/kg	AIPTAK 137,375,62

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QC8620000 MORPHINAN-3,6-DIOL, 7,8-DIDEHYDRO-4,5-EPOXY-17-METHYL- (5-alpha,6-alpha)-, MONOHYDRATE

UPDT:8305 CAS: 6009-81-0 MW: 303.39 MOLFM: C17-H19-N-O3 H2-O

SYN: MORPHINE MONOHYDRATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T03	imp-rat TDLo:300 mg/kg (3D male)	JPETAB 192,542,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QC8750000 MORPHINAN-3,6-alpha-DIOL, 7,8-DIDEHYDRO-4, 5-alpha-EPOXY-17-METHYL-, SULFATE

UPDT:8407 CAS: 64-31-3 MW: 668.82 MOLFM: C34-H38-N2-O6 H2-O4-S

SYN: MORPHINE SULFATE * MORPHINE SULPHATE

MUTATION DATA AND REFERENCES:

	mnt-mus-ipr 6400 mg/kg	IJMRAQ 75,112,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T76	orl-rat TDLo:22 mg/kg (1D male)	NATUAS 253,202,75
1T85	orl-rat TDLo:140 mg/kg (9-22D preg)	BRREAP 132,194,77
1T12	ipr-rat TDLo:50 mg/kg (1D pre)	BIREBV 21,379,79
3T71T72T75	ipr-rat TDLo:592 mg/kg (5D pre/1-22D preg)	PHMGBN 15,302,77
2T76T81	ipr-rat TDLo:1420 mg/kg (5D pre-21D post)	PHMGBN 15,302,77
1T41	ipr-rat TDLo:1420 mg/kg (5D pre-21D post)	PHMGBN 15,276,77
1T29	ipr-rat TDLo:50 mg/kg (1D pre)	ENDOAO 99,7,76

3T01T02T03	scu-rat TDLo:1400 mg/kg (28D male)	TOLED5 7,61,80
1T34	scu-rat TDLo:141 mg/kg (7-9D preg)	APTOA6 31,305,72
2T41T87	scu-rat TDLo:187 mg/kg (17-20D preg)	APTOA6 36,243,75
1T85	scu-rat TDLo:187 mg/kg (17-20D preg)	APTOA6 31,305,72
3T71T75T81	scu-rat TDLo:450 mg/kg (7D pre/3-16D preg)	PBBHAU 7,285,77
1T33	ivn-rat TDLo:20 mg/kg (21D preg)	APTOA6 37,265,75
1T85	orl-mus TDLo:2800 mg/kg (8-21D preg/14D post)	NATUAS 247,376,74
3T01T24T35	ipr-mus TDLo:10 mg/kg (1D male)	TCMUD8 3,19,83
1T46	scu-mus TDLo:400 mg/kg (9D preg)	DABSAQ 28,4222,68
3T34T41T46	scu-mus TDLo:100 mg/kg (9D preg)	JPMSAE 57,1590,68
2T25T35	scu-mus TDLo:400 mg/kg (9D preg)	JPMSAE 57,1590,68
2T19U01	scu-mus TDLo:500 mg/kg (9D preg)	JPMSAE 57,1590,68
1T81	scu-mus TDLo:840 mg/kg (5D pre)	JPETAB 205,33,78
3T34T46T53	par-mus TDLo:200 mg/kg (8D preg)	JPMSAE 62,1626,73
3T31T34T86	scu-rbt TDLo:1900 mg/kg (11D pre/1-29D preg)	BNEOBV 32,222,77
1T41	scu-ham TDLo:82 mg/kg (8D preg)	AJOGAH 123,705,75
1T59	scu-ham TDLo:206 mg/kg (8D preg)	AJOGAH 123,705,75

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:461 mg/kg	BJPCAL 30,11,67
3F12F13F21	ipr-rat LD50:430 mg/kg	TXCYAC 14,217,79
3A11F07F29	scu-rat LD50:123 mg/kg	EJPHAZ 6,312,69
*	ivn-rat LD50:70 mg/kg	TXAPA9 17,250,70
	ims-rat LD50:78 mg/kg	AIPTAK 190,124,71
	orl-mus LD50:670 mg/kg	AIPTAK 190,124,71
	ipr-mus LD50:275 mg/kg	JMCMAR 10,627,67
	scu-mus LD50:350 mg/kg	TXAPA9 18,185,71
2F12F13	ivn-mus LD50:180 mg/kg	JAPMA8 48,365,59
	ims-mus LD50:334 mg/kg	AIPTAK 190,124,71
2F29F04	ivn-dog LD50:316 mg/kg	AIPTAK 149,571,64
	orl-gpg LDLo:1000 mg/kg	JAMAAP 63,469,14
*	scu-gpg LD50:391 mg/kg	ANYAA9 51,83,48
	ims-gpg LDLo:400 mg/kg	JAMAAP 63,469,14
	scu-ham LD50:1250 mg/kg	PSEBAA 54,339,43
2F19F12	ivn-pgn LD50:321 mg/kg	AIPTAK 79,282,49
3F19F12F07	ivn-ckn LDLo:125 mg/kg	AIPTAK 79,282,49
	ivn-dck LD50:213 mg/kg	AIPTAK 79,282,49
*	scu-frg LD50:677 mg/kg	ANYAA9 51,83,48
2F19F42	par-frg LD50:678 mg/kg	AIPTAK 79,282,49

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QC8900000 MORPHINAN-6-beta,14-DIOL, 3,4-DIMETHOXY-17-METHYL-

UPDT:8403 CAS: 3176-03-2 MW: 333.47 MOLFM: C19-H27-N-O4

SYN: DIHYDRO-14-HYDROXY-4-O-METHYL-6-beta-THEBAINOL * DIHYDRO-14-HYDROXY-6-beta-THEBAINOL 4-METHYL ESTER * 6-beta,14-DIHYDROXY-3,4-DIMETHOXY-N-METHYLMORPHINAN * 3,4-DIMETHOXY-17-METHYLMORPHINAN-6-beta,14-DIOL * DROTEBANOL * 14-HYDROXYDIHYDRO-6-beta-THEBAINOL 4-METHYL ETHER * 14-HYDROXY-6-beta-THEBAINOL 4-METHYL ETHER * METEBANYL * OXYMETHEBANOL

TOXICITY DATA AND REFERENCES:

*	scu-rat LD50:120 mg/kg	NIIRDN 6,156,82
*	ivn-rat LD50:122 mg/kg	NIIRDN 6,156,82
*	orl-mus LD50:697 mg/kg	NIIRDN 6,156,82
2F29J30	scu-mus LD50:1150 mg/kg	CPBTAL 19,1,71
	ivn-mus LD50:91 mg/kg	ARZNAD 20,43,70
	scu-gpg LD50:919 mg/kg	ARZNAD 20,43,70

QC8945000 MORPHINAN-3,6-alpha-DIOL, 4,5-alpha-EPOXY-17-METHYL-

UPDT:8305 CAS: 509-60-4 MW: 287.39 MOLFM: C17-H21-N-O3

SYN: DIHYDROMORPHINE * MORPHINE, DIHYDRO

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:80 mg/kg	THERAP 6,146,51
*	ivn-mus LD50:50 mg/kg	THERAP 6,146,51

QC9100000 MORPHINAN, (-)-3-HYDROXY-N-CYCLOPROPYLMETHYL-

UPDT:8403 CAS: 4163-15-9 MW: 297.48 MOLFM: C20-H27-N-O

SYN: 17-(CYCLOPROPYLMETHYL)MORPHINAN-3-OL * CYCLORPHAN * (-)-3-HYDROXY-N-CYCLOPROPYLMETHYLMORPHINAN

TOXICITY DATA AND REFERENCES:

	ivn-rat LD50:23 mg/kg	AIPTAK 165,112,67
	scu-mus LD50:215 mg/kg	AIPTAK 165,112,67
	ivn-mus LD50:24 mg/kg	AIPTAK 165,112,67

QD0188600 MORPHINANIUM, 7,8-DIDEHYDRO-3-(2-(DIETHYLMETHYLAMMONIO)ETHOXY)-17,17-DIMETHYL- 4,5-alpha-EPOXY-6-alpha-HYDROXY-, DIBROMIDE

UPDT:8306 MW: 574.47 MOLFM: C25-H38-N2-O3 2Br

SYN: DIBROMOMETHYLATE de DIETHYLAMINOETHYLMORPHINE (French)

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:6750 ug/kg	THERAP 7,21,52
*	ivn-mus LD50:4500 ug/kg	THERAP 7,21,52

QD0188900 MORPHINANIUM, 7,8-DIDEHYDRO-3,6-alpha-DIHYDROXY-17,17-DIMETHYL-4,5-alpha-EPOXY-, BROMIDE

UPDT:8306 CAS: 125-23-5 MW: 380.32 MOLFM: C18-H22-N-O3 Br

SYN: 7,8-DIDEHYDRO-4,5-alpha-EPOXY-3,6-alpha-DIHYDROXY-17,17-DIMETHYLMORPHINANIUM BROMIDE * MORPHINE BROMOMETHYLATE * MORPHINE METHYLBROMIDE * MORPHOSAN

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:345 mg/kg	THERAP 7,21,52
*	ivn-mus LD50:52 mg/kg	THERAP 7,21,52

QD0189040 MORPHINANIUM, 7,8-DIDEHYDRO-17,17-DIMETHYL-4,5-alpha-EPOXY-6-alpha-HYDROXY-3-METHOXY-, BROMIDE

UPDT:8308 CAS: 125-27-9 MW: 394.35 MOLFM: C19-H24-N-O3 Br

SYN: CODEINE BROMOMETHYLATE * CODEINE METHYLBROMIDE * EUCODIN

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:365 mg/kg	THERAP 7,21,52
*	ivn-mus LD50:55 mg/kg	THERAP 7,21,52

QD0189050 MORPHINANIUM, 7,8-DIDEHYDRO-17,17-DIMETHYL-4,5-alpha-EPOXY-6-alpha-HYDROXY-3- (2-(4-METHYLMORPHOLINIUM-4-YL)ETHOXY)-, DIBROMIDE

UPDT:8407 MW: 588.45 MOLFM: C25-H36-N2-O4 2Br

SYN: DIBROMOMETHYLATE de MORPHOLINYLETHYLMORPHINE (French)

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:32500 ug/kg	THERAP 7,21,52
*	ivn-mus LD50:8 mg/kg	THERAP 7,21,52

QD0189060 MORPHINANIUM, 7,8-DIDEHYDRO-17,17-DIMETHYL-4,5-alpha-EPOXY-6-alpha-HYDROXY-3- (2-(1-METHYLPIPERIDINIUM-1-YL)ETHOXY)-, DIBROMIDE

UPDT:8308 MW: 586.48 MOLFM: C26-H38-N2-O3 2Br

SYN: DIBROMOMETHYLATE de PIPERIDINYLETHYLMORPHINE (French)

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:7750 ug/kg	THERAP 7,21,52
*	ivn-mus LD50:1750 ug/kg	THERAP 7,21,52

QD0189100 MORPHINANIUM, 3,6-alpha-DIHYDROXY-17,17-DIMETHYL-4,5-alpha-EPOXY-, BROMIDE

UPDT:8305 MW: 382.34 MOLFM: C18-H24-N-O3 Br

SYN: 4,5-alpha-EPOXY-3,6-alpha-DIHYDROXY-17,17-DIMETHYLMORPHINANIUM BROMIDE * MONOBROMOMETHYLATE de DIHYDROMORPHINE (French)

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:110 mg/kg	THERAP 6,146,51
*	ivn-mus LD50:45 mg/kg	THERAP 6,146,51

QD0189120 MORPHINANIUM, 17,17-DIMETHYL-4,5-alpha-EPOXY-6-alpha-HYDROXY-3-METHOXY-, BROMIDE

UPDT:8407 MW: 396.37 MOLFM: C19-H26-N-O3 Br

SYN: 4,5-alpha-EPOXY-6-alpha-HYDROXY-3-METHOXY-17,17-DIMETHYLMORPHINANIUM BROMIDE * MONOBROMOMETHYLATE de DIHYDROCODEINE (French)

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:660 mg/kg	THERAP 6,146,51
*	ivn-mus LD50:55 mg/kg	THERAP 6,146,51

QD0189140 MORPHINANIUM, 17,17-DIMETHYL-4,5-alpha-EPOXY-6-alpha-HYDROXY-3-(2-(4-METHYLMORPHOLINIUM- 4-YL)ETHOXY)-, DIBROMIDE

UPDT:8407 MW: 590.47 MOLFM: C25-H38-N2-O4 2Br

SYN: DIBROMOMETHYLATE de DIHYDROMORPHOLYLETHYLMORPHINE (French)

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:25 mg/kg	THERAP 6,146,51
*	ivn-mus LD50:13 mg/kg	THERAP 6,146,51

MORPHINAN, 3-METHOXY-17-METHYL-, (9-alpha,13-alpha,14-alpha)- (9CI) see: QD0194000

QD0194000 9-alpha,13-alpha,14-alpha-MORPHINAN, 3-METHOXY-17-METHYL-

UPDT:8311 CAS: 125-71-3 MW: 271.44 MOLFM: C18-H25-N-O

SYN: BA 2666 * DEXTROMETHORPHAN * d-METHORPHAN * delta-METHORPHAN * MORPHINAN, 3-METHOXY-17-METHYL-, (9-alpha,13-alpha,14-alpha)- (9CI)

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:210 mg/kg	JPMSAE 60,1523,71
*	scu-mus LD50:112 mg/kg	CPBTAL 7,372,59
*	ivn-dog LDLo:22 mg/kg	CPBTAL 7,372,59

QD0222000 MORPHINAN, 3-METHOXY-N-METHYL-, HYDROBROMIDE, (+)-

UPDT:8411 CAS: 125-69-9 MW: 352.36 MOLFM: C18-H25-N-O.Br-H

SYN: ANTUSSAN * DEMORPHAN * DEXTROMETHORPHAN BROMIDE * DEXTROMETHORPHAN HYDROBROMIDE * DEXTROMETORPHAN HYDROBROMIDE * DORMETHAN * MEDICON * METHORATE HYDROBROMIDE * d-METHORPHAN HYDROBROMIDE * d-3-METHOXY-N-METHYLMORPHINAN HYDROBROMIDE * METRORAT * 9-alpha,13-alpha,14-alpha-MORPHINAN, 3-METHOXY-17-METHYL-, HYDROBROMIDE * RO 1-5470-5 * ROMILAR * ROMILAR HYDROBROMIDE * TUSILAN * TUSSADE

TOXICITY DATA AND REFERENCES:

3F13F17F19	orl-chd TDLo:30 mg/kg	PEDIAU 59,117,77
	orl-rat LD50:350 mg/kg	CLDND*
	scu-rat LD50:600 mg/kg	CLDND*
	orl-mus LD50:165 mg/kg	CLDND*
3F11F12F19	scu-mus LD50:153 mg/kg	ARZNAD 26,353,76
	ivn-mus LD50:35 mg/kg	CLDND*
	ivn-dog LDLo:30 mg/kg	ARZNAD 19,1916,69
	ivn-rbt LD50:15 mg/kg	CLDND*
1J30	unk-mam LD50:150 mg/kg	CPBTAL 20,1706,72

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: JRPMAP 12(1),27,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

9-alpha,13-alpha,14-alpha-MORPHINAN, 3-METHOXY-17-METHYL-, HYDROBROMIDE see QD0222000

QD0350000 MORPHINAN-3-OL, 17-ALLYL-, (-)-

UPDT:8406 CAS: 152-02-3 MW: 283.45 MOLFM: C19-H25-N-O

SYN: N-ALLYL-3-HYDROXYMORPHINAN * (-)-3-HYDROXY-N-ALLYLMORPHINAN * levo-3-HYDROXY-N-ALLYLMORPHINAN * LEVALLORPHAN * (-)-LEVALLORPHAN * LORFAN * MORPHINAN, 17-ALLYL-3-HYDROXY- * NALOXIPHAN * RO 1-7700

TOXICITY DATA AND REFERENCES:

	ihl-hmn LCLo:100 ug/m3	27ZXA3 -,-,63
	orl-rat LD50:949 mg/kg	27ZIAQ -,-,65
	ipr-rat LD50:185 mg/kg	27ZIAQ -,140,73
	ipr-mus LD50:184 mg/kg	27ZIAQ -,-,65
*	scu-mus LD50:200 mg/kg	ANYAA9 281,321,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QD0480000 MORPHINAN-3-OL, 17-ALLYL-, TARTRATE (1:1) (SALT)

UPDT:8306 CAS: 71-82-9 MW: 433.55 MOLFM: C19-H25-N-O.C4-H6-O6

SYN: LEVALLORPHAN TARTRATE * l-LEVALLORPHAN TARTRATE * LEVALLORPHINE TARTRATE * LORFAN * LORFAN TARTRATE * MORPHINAN-3-OL, 17-(2-PROPENYL)-, (R-(R*,R*))-2,3-DIHYDROXYBUTANEDIOATE (1:1) (SALT) (9CI)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:850 mg/kg	NIIRDN 6,904,82
*	scu-rat LD50:870 mg/kg	NIIRDN 6,904,82
*	ivn-rat LD50:40 mg/kg	NIIRDN 6,904,82
*	orl-mus LD50:350 mg/kg	NIIRDN 6,904,82
*	ipr-mus LD50:168 mg/kg	NIIRDN 6,904,82
*	scu-mus LD50:240 mg/kg	NIIRDN 6,904,82
*	ivn-mus LD50:42 mg/kg	NIIRDN 6,904,82

QD0763000 MORPHINAN-3-OL, 17-(CYCLOBUTYLMETHYL)-6-METHYLENE-, (8-beta)-, METHANESULFONATE

UPDT:8412 CAS: 77287-90-2 MW: 419.61 MOLFM: C22-H29-N-O.C-H4-O3-S

TOXICITY DATA AND REFERENCES:

3F11F19J22	orl-rat LD50:750 mg/kg	FAATDF 3,478,83
3F11F19J22	ivn-rat LD50:22300 ug/kg	FAATDF 3,478,83
3F11F19J22	orl-mus LD50:365 mg/kg	FAATDF 3,478,83
3F11F19J22	ivn-mus LD50:35 mg/kg	FAATDF 3,478,83

QD0774000 MORPHINAN-6-alpha-OL, 7,8-DIDEHYDRO-3-(2-(DIETHYLAMINO)ETHOXY)-4,5-alpha-EPOXY-17-METHYL-

UPDT:8306 MW: 384.57 MOLFM: C23-H32-N2-O3

SYN: 7,8-DIDEHYDRO-3-(2-(DIETHYLAMINO)ETHOXY)-4,5-alpha-EPOXY-17-METHYLMORPHINAN-6-alpha-OL * DIETHYLAMINOETHYLMORPHINE

TOXICITY DATA AND REFERENCES:

3F07F12J25	ipr-mus LD50:40 mg/kg	APFRAD 8,261,50
*	scu-mus LD50:110 mg/kg	THERAP 7,21,52
*	ivn-mus LD50:30 mg/kg	THERAP 7,21,52

QD0780000 MORPHINAN-6-alpha-OL, 7,8-DIDEHYDRO-3-(2-(DIMETHYLAMINO)ETHOXY)-4,5-alpha-EPOXY-17-METHYL-

UPDT:8307 MW: 356.51 MOLFM: C21-H28-N2-O3

SYN: 7,8-DIDEHYDRO-3-(2-(DIMETHYLAMINO)ETHOXY)-4,5-alpha-EPOXY-17-METHYLMORPHINAN-6-alpha-OL * DIETHYLAMINOMETHYLMORPHINE

TOXICITY DATA AND REFERENCES:

3F07F12J25	ipr-mus LD50:110 mg/kg	APFRAD 8,261,50

QD0850000 MORPHINAN-6-alpha-OL, 7,8-DIDEHYDRO-4,5-alpha-EPOXY-3-ETHOXY-17-METHYL-

UPDT:8306 CAS: 76-58-4 MW: 313.43 MOLFM: C19-H23-N-O3

SYN: CODETHYLINE * DIONINE * DIONIN * ETHYLMORPHINE * 3-O-ETHYLMORPHINE * MORPHINAN-6-OL, 7,8-DIDEHYDRO-4,5-EPOXY-3-ETHOXY-17-METHYL-, (5-alpha,6-alpha)- (9CI) * MORPHINE ETHYL

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:110 mg/kg	PHARAT 31,655,76
3F07F12J25	ipr-mus LD50:120 mg/kg	APFRAD 8,261,50

	scu-mus LD50:136 mg/kg	28ZNAE 138,8,38

MORPHINAN-6-OL, 7,8-DIDEHYDRO-4,5-EPOXY-3-ETHOXY-17-METHYL-, (5-alpha,6-alpha)- (9CI) see: QD0850000

QD0874000 MORPHINAN-6-alpha-OL, 7,8-DIDEHYDRO-4,5-alpha-EPOXY-3-ETHOXY-17-METHYL-, HYDROCHLORIDE

UPDT:8405 CAS: 125-30-4 MW: 349.89 MOLFM: C19-H23-N-O3 Cl-H

SYN: CODETHYLINE HYDROCHLORIDE * DIONINE HYDROCHLORIDE * DIONIN HYDROCHLORIDE * ETHYLMORPHINE HYDROCHLORIDE * O-ETHYLMORPHINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:771 mg/kg	APFRAD 15,640,57
*	scu-mus LD50:265 mgkg	APFRAD 15,640,57

QD0893000 MORPHINAN-6-alpha-OL, 7,8-DIDEHYDRO-4,5-alpha-EPOXY-3-METHOXY-17-METHYL-

UPDT:8412 CAS: 76-57-3 MW: 299.40 MOLFM: C18-H21-N-O3

SYN: CODEINE * METHYLMORPHINE * MORPHINE MONOMETHYL ETHER * MORPHINE-3-METHYL ETHER * NORCODEINE, N-METHYL-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	orl-rat TDLo:350 mg/kg (6-15D preg)	ARZNAD 26,551,76
1T25	orl-rat TDLo:1200 mg/kg (6-15D preg)	ARZNAD 26,551,76
1T09	scu-rat TDLo:8600 ug/kg (1D male)	JPETAB 198,340,76

TOXICITY DATA AND REFERENCES:

	unk-man LDLo:12 mg/kg	85DCAI 2,73,70
1K14	orl-rat LD50:427 mg/kg	JMCMAR 16,782,73
	ipr-rat LD50:130 mg/kg	ARZNAD 26,551,76
	scu-rat LD50:420 mg/kg	ARZNAD 3,238,53
	orl-mus LD50:250 mg/kg	MDCHAG 5,318,65
3F07F12J25	ipr-mus LD50:60 mg/kg	APFRAD 8,261,50
*	scu-mus LD50:134 mg/kg	THERAP 7,21,52
1E15	ivn-mus LD50:54 mg/kg	ARZNAD 16,617,66
*	ims-mus LD50:290 mg/kg	OYYAA2 13,97,77
*	ivn-dog LD50:69 mg/kg	CPBTAL 7,372,59
	ivn-rbt LD50:34 mg/kg	EXPEAM 18,446,62

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: FNSCA6 2,67,73

STATUS:

NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QD1010000 MORPHINAN-6-OL, 7,8-DIDEHYDRO-4,5-EPOXY-3-METHOXY-17-METHYL-, (5-alpha,6-alpha)-, mixt. with 4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE, 5-(1-CYCLOHEPTEN-1-YL)-5-ETHYL-2,4,6(1H,3H,5H)- PYRIMIDINETRIONE and 4-(DIMETHYLAMINO)-1,2-DIHYDRO-1,5-DIMETHYL-2-PHENYL-3H-PYRAZOL-3-ONE

UPDT:8408 CAS: 65651-05-0 MW: 1014.27 MOLFM: C19-H20-N2-O2 C18-H21-N-O3 C13-H18-N2-O3 C13-H17-N3-O

SYN: IRCODIN * PHENYLBUTAZONE, AMINOPYRINE, HEPTABARBITAL combined with CODEINE

TOXICITY DATA AND REFERENCES:

*	ims-mus LD50:1250 mg/kg	OYYAA2 13,97,77

QD1040000 MORPHINAN-6-alpha-OL, 7,8-DIDEHYDRO-4,5-alpha-EPOXY-3-METHOXY-17-METHYL-, HYDROBROMIDE

UPDT:8405 CAS: 125-25-7 MW: 380.32 MOLFM: C18-H21-N-O3 Br-H

SYN: BROMEINE * CODEINE HYDROBROMIDE * (-)-CODEINE HYDROBROMIDE * METHYLMORPHINE HYDROBROMIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:535 mg/kg	APFRAD 15,640,57
*	scu-mus LD50:234 mg/kg	APFRAD 15,640,57

QD1225000 MORPHINAN-6-alpha-OL, 7,8-DIDEHYDRO-4,5-alpha-EPOXY-3-METHOXY-17-METHYL-, NICOTINATE (ester)

UPDT:8407 CAS: 3688-66-2 MW: 404.50 MOLFM: C24-H24-N2-O4

SYN: CODEINE, NICOTINATE (ester) * LYOPECT * NICOCODINE * NICOTINIC ACID, ESTER with CODEINE * NICOTINIC ACID, 7,8-DIDEHYDRO-4,5-alpha-EPOXY-3-METHOXY-17-METHYLMORPHINAN-6-alpha-YL ester * RC 146

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:37 mg/kg	AIPTAK 143,466,63
	orl-rat LD50:840 mg/kg	AIPTAK 143,466,63
	orl-mus LD50:280 mg/kg	AIPTAK 143,466,63
	ipr-mus LD50:48 mg/kg	AIPTAK 143,466,63

QD1310000 MORPHINAN-6-alpha-OL, 7,8-DIDEHYDRO-4,5-alpha-EPOXY-3-METHOXY-17-METHYL-, PHOSPHATE (1:1)

UPDT:8412 CAS: 52-28-8 MW: 397.40 MOLFM: C18-H21-N-O3 H3-O4-P

SYN: CODEINE PHOSPHATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T41	scu-mus TDLo:110 mg/kg (9D preg)	DGDFA5 22,61,80
1T41	scu-ham TDLo:97 mg/kg (8D preg)	AJOGAH 123,705,75

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:427 mg/kg	ARZNAD 24,1633,74
	scu-rat LD50:365 mg/kg	JMCMAR 22,58,79
*	ivn-rat LD50:54 mg/kg	AIPTAK 103,200,55
	ims-rat LD50:208 mg/kg	AIPTAK 190,124,71
	orl-mus LD50:290 mg/kg	ARZNAD 19,1916,69
	ipr-mus LD50:110 mg/kg	ARZNAD 19,1916,69
	scu-mus LD50:191 mg/kg	ARZNAD 19,1916,69
3F12F19J30	ivn-mus LD50:62 mg/kg	JJPAAZ 17,538,67
	ims-mus LD50:191 mg/kg	AIPTAK 190,124,71
*	ivn-dog LD50:97800 ug/kg	NIIRDN 6,273,82
*	orl-rbt LDLo:100 mg/kg	HBTXAC 1,72,55
*	scu-rbt LDLo:100 mg/kg	HBTXAC 1,72,55
	ipr-gpg LD50:352 mg/kg	ARZNAD 27,1450,77
	scu-gpg LD50:153 mg/kg	ARZNAD 20,43,70
*	ivn-gpg LDLo:117 mg/kg	AIPTAK 119,205,59
1J30	unk-mam LD50:183 mg/kg	CPBTAL 20,1699,72

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: DPIRDU 3(2),14,83

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QD1320000 MORPHINAN-6-alpha-OL, 7,8-DIDEHYDRO-4,5-alpha-EPOXY-3-METHOXY-17-METHYL-, PHOSPHATE SESQUIHYDRATE (3:3:2)

UPDT:8403 CAS: 5913-76-8 MW: 424.38 MOLFM: C18-H21-N-O3 H3-O4-P 3/2H2-O

SYN: CODEINE PHOSPHATE 1.5 HYDRATE * CODEINE, PHOSPHATE, SESQUIHYDRATE

TOXICITY DATA AND REFERENCES:

*	orl-rbt LDLo:100 mg/kg	MEIEDD 10,350,83

QD1400000 MORPHINAN-6-alpha-OL, 7,8-DIDEHYDRO-4,5-alpha-EPOXY-3-METHOXY-17-METHYL-, SULFATE (2:1) (SALT)

UPDT:8306 CAS: 1420-53-7 MW: 694.86 MOLFM: C36-H42-N2-O6 O4-S

SYN: CODEINE SULFATE

MUTATION DATA AND REFERENCES:

	cyt-ofs-ipr 100 mg/L	BEXBBO 16,425,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T34T46T73	scu-mus TDLo:100 mg/kg (9D preg)	JPMSAE 66,1727,77

TOXICITY DATA AND REFERENCES:

1F29	orl-rat LD50:430 mg/kg	AIPTAK 123,48,59
3F12F13F21	ipr-rat LD50:107 mg/kg	TXCYAC 14,217,79
	scu-rat LD50:332 mg/kg	JPETAB 134,332,61
	ivn-rat LD50:55 mg/kg	JPETAB 134,332,61
	orl-mus LD50:395 mg/kg	JPETAB 134,332,61
3F17F18F29	ipr-mus LD50:159 mg/kg	AIPTAK 136,333,62
	scu-mus LD50:183 mg/kg	JPETAB 134,332,61
	ivn-mus LD50:68 mg/kg	JPETAB 134,332,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QD1575000 MORPHINAN-6-alpha-OL, 7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYL-3-(2-MORPHOLINOETHOXY)-

UPDT:8403 CAS: 509-67-1 MW: 398.55 MOLFM: C23-H30-N2-O4

SYN: CODYLIN * DIA-TUSS * 7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYL-3-(2-MORPHOLINOETHOXY)MORPHINAN-6-alpha-OL * ETHNINE * FOLCODINE * GLYCODINE * HIBERNYL * HOMOCODEINE * MEMINE * MORPHINE, 0(sup 3)-(2-MORPHOLINOETHYL)- * MORPHINE, 3-O-(2-MORPHOLINOETHYL)- * beta-MORPHOLINOETHYLMORPHINE * O(sup 3)-(2-MORPHOLINOETHYL)MORPHINE * 3-(2-MORPHOLINOETHYL)MORPHINE * MORPHOLINYLETHYLMORPHINE * 3-(2-(4-MORPHOLINYL)ETHYL)MORPHINE * 3-MORPHOLYLAETHYLMORPHIN (German) * PECTOLIN * PHOLCODIN * PRODROMINE * PHOLCODINE * TETRAHYDRO-1,4-OXAZINYLMETHYLCODEINE * WEIFACODINE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:400 mg/kg	THERAP 7,21,52
	scu-mus LD50:540 mg/kg	ARZNAD 8,325,58
*	ivn-mus LD50:230 mg/kg	THERAP 7,21,52
	ivn-rbt LD50:300 mg/kg	ARZNAD 8,325,58

QD1586000 MORPHINAN-6-alpha-OL, 7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYL-3-(2-MORPHOLINOETHOXY)-, PHENYLACETATE

UPDT:8405 MW: 500.69 MOLFM: C31-H36-N2-O4

SYN: MORPHOLINYL ETHYLMORPHINE PHENYLACETATE * PHOLCODINE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1224 mg/kg	APFRAD 15,640,57

QD1595000 MORPHINAN-6-alpha-OL, 7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYL-3-(2-PIPERIDINOETHOXY)-

UPDT:8306 MW: 396.58 MOLFM: C24-H32-N2-O3

SYN: 7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYL-3-(2-PIPERIDINOETHOXY)MORPHINAN-6-alpha-OL * PIPERIDINYLETHYLMORPHINE

TOXICITY DATA AND REFERENCES:

3F07F12J25	ipr-mus LD50:30 mg/kg	APFRAD 8,261,50
*	scu-mus LD50:27500 ug/kg	THERAP 7,21,52
*	ivn-mus LD50:7750 ug/kg	THERAP 7,21,52

QD1650000 MORPHINAN-3-OL, 4,5-EPOXY-17-(3-FURANYLMETHYL)-, HYDROCHLORIDE, HYDRATE, (5-alpha)-

UPDT:8411 CAS: 52335-39-4 MW: 391.93 MOLFM: C21-H23-N-O3 Cl-H H2-O

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:211 mg/kg	ARZNAD 26,2009,76

QD1680000 MORPHINAN-6-alpha-OL, 4,5-alpha-EPOXY-3-METHOXY-17-METHYL-

UPDT:8305 CAS: 125-28-0 MW: 301.42 MOLFM: C18-H23-N-O3

SYN: CODEINE, DIHYDRO * CODHYDRINE * COHYDRIN * DF 118 * DEHACODIN * DIDRATE * DIHYDRIN * DIHYDROCODEINE * 7,8-DIHYDROCODEINE * DIHYDRONEOPINE * DROCODE * HYDROCODIN * 6-HYDROXY-3-METHOXY-N-METHYL-4,5-EPOXYMORPHINAN * NADEINE * NOVICODIN * PARACODIN * PARACODINE * PARZONE * RAPACODIN

TOXICITY DATA AND REFERENCES:

2D15F07	orl-hmn TDLo:6500 mg/kg/26W	BMJOAE 1,1594,78
	orl-rat LD50:240 mg/kg	TXAPA9 1,42,59
*	scu-mus LD50:135 mg/kg	THERAP 6,146,51
*	ivn-mus LD50:80 mg/kg	THERAP 6,146,51
	orl-rbt LDLo:400 mg/kg	HBAMAK 4,1289,35
	scu-gpg LDLo:80 mg/kg	HBAMAK 4,1289,35

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MORPHINAN-6-OL, 4,5-EPOXY-3-METHOXY-17-METHYL-, (5-alpha,6-alpha)-, PHOSPHATE (1:1) (SALT) see: QD1725000

QD1725000 MORPHINAN-6-alpha-OL, 4,5-alpha-EPOXY-3-METHOXY-17-METHYL-, PHOSPHATE (1:1) (SALT)

UPDT:8406 CAS: 24204-13-5 MW: 399.42 MOLFM: C18-H23-N-O3 H3-O4-P

SYN: DIHYDROCODEINE PHOSPHATE * MORPHINAN-6-OL, 4,5-EPOXY-3-METHOXY-17-METHYL-, (5-alpha,6-alpha)-, PHOSPHATE (1:1) (SALT)

TOXICITY DATA AND REFERENCES:

3F12J22J30	scu-mus LD50:214 mg/kg	JJPAAZ 16,342,66

QD1732900 MORPHINAN-6-alpha-OL, 4,5-alpha-EPOXY-17-METHYL-3-(2-MORPHOLINOETHOXY)-

UPDT:8305 MW: 400.57 MOLFM: C23-H32-N2-O4

SYN: DIHYDROMORPHOLYLETHYLMORPHINE * 4,5-alpha-EPOXY-17-METHYL-3-(2-MORPHOLINOETHOXY)MORPHINAN-6-alpha-OL

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:540 mg/kg	THERAP 6,146,51
*	ivn-mus LD50:230 mg/kg	THERAP 6,146,51

QD1749000 MORPHINAN-3-OL, 17-(3-FURANYLMETHYL)-, METHANESULFONATE (SALT)

UPDT:8411 CAS: 61799-82-4 MW: 419.58 MOLFM: C21-H25-N-O2 C-H4-O3-S

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:256 mg/kg	ARZNAD 26,2009,76

QD1858000 MORPHINAN-3-OL, 17-METHYL-, CARBONATE (2:1) (ester), HYDROCHLORIDE, TRICHLOROMETHANE, HYDRATE (6:1:9), (9-alpha,13-alpha,14-alpha)-

UPDT:8306 CAS: 38848-18-9 MW: 672.48 MOLFM: C35-H44-N2-O3 2Cl-H 1/3C-H-Cl3 3H2-O

SYN: d-N,N'-DIMETHYL-3,3'-(CARBONYLDIOXY)-DIMORPHINAN HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1J30	unk-mam LD50:405 mg/kg	CPBTAL 20,1699,72

QD1925000 MORPHINAN-3-OL, 17-METHYL-, TARTRATE (1:1) (SALT), (-)-

UPDT:8406 CAS: 125-72-4 MW: 407.51 MOLFM: C17-H23-N-O C4-H6-O6

SYN: levo-DROMORAN TARTRATE * L-3-HYDROXY-N-METHYLMORPHINAN BITARTRATE * L-3-HYDROXY-N-METHYLMORPHINAN TARTRATE * LEMORAN * LEVORPHAN TARTRATE * LEVORPHANOL TARTRATE * RO 1-5431/7

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T41T43	scu-mus TDLo:25 mg/kg (9D preg)	DGDFA5 22,61,80

TOXICITY DATA AND REFERENCES:

1F29	ivn-dog LD50:46 mg/kg	AIPTAK 149,571,64
*	orl-rat LD50:164 mg/kg	AIPTAK 109,171,57
3F12F13F21	ipr-rat LD50:48 mg/kg	TXCYAC 14,217,79
*	scu-rat LD50:120 mg/kg	AIPTAK 109,171,57
*	ivn-rat LD50:27 mg/kg	AIPTAK 109,171,57
3F12F17J30	ipr-mus LD50:92 mg/kg	JJPAAZ 11,101,62
*	ivn-mus LD50:32 mg/kg	AIPTAK 105,221,56
*	ivn-rbt LD50:20 mg/kg	AIPTAK 109,171,57

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MORPHINAN-3-OL, 17-(2-PROPENYL)-, (R-(R*,R*))-2,3-DIHYDROXYBUTANEDIOATE (1:1) (SALT) (9CI) see: QD0480000

MORPHINAN-6-ONE, 17-ALLYL-4,5-alpha-EPOXY-3,14-DIHYDROXY-, HYDROCHLORIDE see: QD2275000

QD2155000 MORPHINAN-6-ONE, 17-(CYCLOPROPYLMETHYL)-4,5-alpha-EPOXY-3,14-DIHYDROXY-
UPDT:8406 CAS: 16590-41-3 MW: 341.44 MOLFM: C20-H23-N-O4
SYN: 17-(CYCLOPROPYLMETHYL)-4,5-EPOXY-3,14-DIHYDROXYMOPPHINAN-6-ONE * N-CYCLOPROPYLMETHYL-14-HYDROXYDIHYDROMORPHINONE * N-CYCLOPROPYLMETHYLNOROXYMORPHONE * EN 1639 * EN 1939 * MORPHINAN-6-ONE, 17-(CYCLOPROPYLMETHYL-4,5-EPOXY-3,14-DIHYDROXY-, (5-alpha)- (9CI) * NALTREXONE * UM-792

MUTATION DATA AND REFERENCES:
sln-dmg-orl 10 gm/L/24H MUREAV 66,129,79
sln-dmg-par 10 gm/L MUREAV 66,129,79
cyt-hmn:lym 1 gm/L ENMUDM 1,180,79
sce-hmn:lym 1 gm/L ENMUDM 1,180,79

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:551 mg/kg ANYAA9 281,321,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MORPHINAN-6-ONE, 17-(CYCLOPROPYLMETHYL-4,5-EPOXY-3,14-DIHYDROXY-, (5-alpha)- (9CI) see: QD2155000

QD2170000 9-alpha,13-alpha,14-alpha-MORPHINAN-6-ONE, 7,8-DIDEHYDRO-4-HYDROXY-3,7-DIMETHOXY-17-METHYL-
UPDT:8403 CAS: 115-53-7 MW: 329.43 MOLFM: C19-H23-N-O4
SYN: COCULINE * CUCOLINE * 7,8-DIDEHYDRO-4-HYDROXY-3,7-DIMETHOXY-17-METHYL-9-alpha,13-alpha,14-alpha-MORPHINAN-6-ONE * KUKOLINE * SINOMENINE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:580 mg/kg MEIEDD 10,1226,83

QD2180000 MORPHINAN-6-ONE, 3,14-DIHYDROXY-4,5-EPOXY-17-(3-FURANYLMETHYL)-, METHANESULFONATE (SALT)
UPDT:8411 CAS: 56748-60-8 MW: 463.54 MOLFM: C21-H21-N-O5 C-H4-O3-S

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:191 mg/kg ARZNAD 26,2009,76

QD2260000 MORPHINAN-6-ONE, 4,5-alpha-EPOXY-3,14-DIHYDROXY-17-(2-PROPENYL)-
UPDT:8412 CAS: 465-65-6 MW: 327.41 MOLFM: C19-H21-N-O4
SYN: l-N-ALLYL-7,8-DIHYDRO-14-HYDROXYNORMORPHINONE * 17-ALLYL-4,5-alpha-EPOXY-3,14-DIHYDROXYMORPHINAN-6-ONE * l-N-ALLYL-14-HYDROXYNORDIHYDROMORPHINONE * 12-ALLYL-7,7a,8,9-TETRAHYDRO-3,7a-DIHYDROXY-4aH-8,9c-IMINOETHANOPHENANTHRO(4,5-bcd)FURANONE * NALOXONE * l-NALOXONE * NORMORPHINONE, N-ALLYL-7,8-DIHYDRO-14-HYDROXY-, (-)-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 imp-mus TDLo:500 ug/kg (17-21D preg) PBBHAU 11,235,79

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:260 mg/kg ANYAA9 281,321,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QD2275000 MORPHINAN-6-ONE, 4,5-EPOXY-3,14-DIHYDROXY-17-(2-PROPENYL)-, HYDROCHLORIDE, (5-alpha)-
UPDT:8408 CAS: 357-08-4 MW: 363.87 MOLFM: C19-H21-N-O4 Cl-H
SYN: 17-ALLYL-4,5-alpha-EPOXY-3,14-DIHYDROXYMORPHINAN-6-ONE HYDROCHLORIDE * l-N-ALLYL-14-HYDROXYNORDIHYDROMORPHINONE HYDROCHLORIDE * EN-1530 * EN-15304 * MORPHINAN-6-ONE, 17-ALLYL-4,5-alpha-EPOXY-3,14-DIHYDROXY-, HYDROCHLORIDE * NALOXONE HYDROCHLORIDE * NARCAN * NORMORPHINONE, N-ALLYL-7,8-DIHYDRO-14-HYDROXY-, HYDROCHLORIDE, (-)-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 ipr-rat TDLo:560 mg/kg (7-20D preg) NTOTDY 3,295,81
2T81T85 scu-rat TDLo:18 mg/kg (14-22D preg) NTOTDY 5,479,83

TOXICITY DATA AND REFERENCES:
scu-rat LD50:640 mg/kg TXAPA9 18,185,71
ipr-mus LDLo:80 mg/kg RCOCB8 17,255,77
scu-mus LD50:286 mg/kg JMCMAR 20,844,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QD2625000 MORPHINAN-6-ONE, 4,5-alpha-EPOXY-3-HYDROXY-17-METHYL-, HYDROCHLORIDE, (5'-alpha)-
UPDT:8408 CAS: 71-68-1 MW: 321.83 MOLFM: C17-H19-N-O3 Cl-H
SYN: DIHYDROMORPHINONE HYDROCHLORIDE * DILAUDID * DILAUDID HYDROCHLORIDE * 4,5-alpha-EPOXY-3-HYDROXY-17-METHYLMORPHINAN-6-ONE HYDROCHLORIDE * HYDROMORPHONE HYDROCHLORIDE * HYMORPHAN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T41 scu-ham TDLo:21500 ug/kg (8D preg) AJOGAH 123,705,75
1T59 scu-ham TDLo:44 mg/kg (8D preg) AJOGAH 123,705,75

TOXICITY DATA AND REFERENCES:
scu-rat LD50:51 mg/kg ARZNAD 3,238,53
scu-mus LDLo:95 mg/kg JPETAB 52,468,34
ivn-mus LD50:61 mg/kg JPETAB 71,197,41
2F29J30 ivn-cat LDLo:3 mg/kg AEPPAE 194,296,40
2F29J30 ivn-rbt LDLo:2500 ug/kg AEPPAE 194,296,40

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QD2800000 MORPHINAN-6-ONE, 4,5-alpha-EPOXY-3-METHOXY-17-METHYL-
UPDT:8405 CAS: 125-29-1 MW: 299.40 MOLFM: C18-H21-N-O3
SYN: BEKADID * DICO * DICODID * DIHYDROCODEINONE * 4,5-alpha-EPOXY-3-METHOXY-17-METHYMORPHINAN-6-ONE * HYDROCODONE * 6-OXO-3-METHOXY-N-METHYL-4,5-EPOXYMORPHINAN

TOXICITY DATA AND REFERENCES:
scu-rat LD50:150 mg/kg ARZNAD 3,238,53
1F12 scu-mus LD50:86 mg/kg JPETAB 52,468,34
2F29J30 ivn-cat LDLo:9 mg/kg AEPPAE 194,296,40
2F29J30 ivn-rbt LDLo:7 mg/kg AEPPAE 194,296,40

MORPHINE see: QC7875000
(-)-MORPHINE see: QC7875000
MORPHINE, pyrolyzate see: QC7924000
MORPHINE BROMOMETHYLATE see: QD0188900
MORPHINE CHLORHYDRATE see: QC8575000
MORPHINE CHLORIDE see: QC8575000
MORPHINE DIACETATE see: QC8050000
MORPHINE, 7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYL-, HYDROCHLORIDE see: QC8575000
MORPHINE, DIHYDRO- see: QC8945000
MORPHINE, ETHYL- see: QD0850000
MORPHINE HYDROCHLORIDE see: QC8575000
MORPHINE METHYLBROMIDE see: QD0188900
MORPHINE 3-METHYL ETHER see: QD0893000
MORPHINE MONOHYDRATE see: QC8620000
MORPHINE MONOMETHYL ETHER see: QD0893000
MORPHINE, O(sup 3)-(2-MORPHOLINOETHYL)- see: QD1575000
MORPHINE, 3-O-(2-MORPHOLINOETHYL)- see: QD1575000
MORPHINE NARCOTINE MECONATE see: QN5605000 NARCOTINE, compd. with 7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYLMORPHINAN-3,6-alpha-DIOL and 3-HYDROXY-4-OXO-4H-PYRAN-2,6-DICARBOXYLIC ACID(1:1:1)
MORPHINE NOSCAPINE MECONATE see: QN5605000 NARCOTINE, compd. with 7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYLMORPHINAN-3,6-alpha-DIOL and 3-HYDROXY-4-OXO-4H-PYRAN-2,6-DICARBOXYLIC ACID(1:1:1)
MORPHINE SULFATE see: QC8750000
MORPHINE SULPHATE see: QC8750000
MORPHINISM see: QC7875000
MORPHINUM see: QC7875000
MORPHIUM see: QC7875000

QD6475000 MORPHOLINE
UPDT:8408 CAS: 110-91-8 MW: 87.14 MOLFM: C4-H9-N-O
SYN: DIETHYLENEIMIDE OXIDE * DIETHYLENE IMIDOXIDE * DIETHYLENE OXIMIDE * DIETHYLENIMIDE OXIDE * p-ISOXAZINE, TETRAHYDRO- * MORPHOLINE (DOT) * 1-OXA-4-AZACYCLOHEXANE * 2H-1,4-OXAZINE, TETRAHYDRO- * 4H-1,4-OXAZINE, TETRAHYDRO- * TETRAHYDRO-1,4-ISOXAZINE * TETRAHYDRO-1,4-OXAZINE * TETRAHYDRO-2H-1,4-OXAZINE * UN 2054 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 995 mg/24H SEV BIOFX* 10-4/70
skn-rbt 500 mg open MOD UCDS** 4/21/67
eye-rbt 2 mg SEV AJOPAA 29,1363,46

MUTATION DATA AND REFERENCES:
otr-mus:lym 1 uL/L ENMUDM 4,390,82

TUMORIGENIC DATA AND REFERENCES:
3V02J61L60 orl-mus TDLo:2560 mg/kg/Y-C GISAAA 44(8),15,79

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1050 mg/kg UCDS** 4/21/67
ihl-rat LC50:8000 ppm/8H NPIRI* 1,85,74
* orl-mus LD50:720 mg/kg BCFAAI 103,414,64
ihl-mus LC50:1320 mg/m3 TPKVAL 8,60,66
ipr-mus LD50:413 mg/kg CANCAR 2,1055,49
* skn-rbt LD50:500 mg/kg AMIHBC 10,61,54
* orl-mam LD50:1220 mg/kg TPKVAL 14,90,75
* ihl-mam LD50:12000 mg/m3 TPKVAL 14,90,75

REVIEW AND REFERENCES:
★ TLV-TWA 20 ppm; STEL 30 ppm (skin) DTLVS* 4,291,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 20 ppm (skin)(SCP-K) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, aqueous solution CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S150
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0779-0294
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QD6475100 4-MORPHOLINEACETAMIDE, N-(8-BUTOXY-5-QUINOLYL)-, DIHYDROCHLORIDE
UPDT:8303 CAS: 19655-35-7 MW: 416.39 MOLFM: C19-H25-N3-O3 2Cl-H
SYN: N-(8-BUTOXY-5-QUINOLYL)-4-MORPHOLINEACETAMIDE DIHYDROCHLORIDE * T 1142

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:170 mg/kg APFRAD 25,487,67

QD6479000 4-MORPHOLINEACETAMIDE, N-(3,4-DIMETHYL-5-ISOXAZOLYL)-
UPDT:8412 MW: 239.31 MOLFM: C11-H17-N3-O3

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg YKKZAJ 82,474,62

QD6480600 4-MORPHOLINEACETAMIDE, N-(4-(2-ETHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-alpha-METHYL-
UPDT:8408 MW: 311.43 MOLFM: C15-H25-N3-O4
SYN: N-(4-(2-ETHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-alpha-METHYL-4-MORPHOLINEACETAMIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg YKKZAJ 82,481,62

QD6480800 4-MORPHOLINEACETAMIDE, N-(8-ETHOXY-5-QUINOLYL)-, DIHYDROCHLORIDE
UPDT:8303 CAS: 19655-33-5 MW: 388.33 MOLFM: C17-H21-N3-O3 2Cl-H
SYN: N-(8-ETHOXY-5-QUINOLYL)-4-MORPHOLINEACETAMIDE DIHYDROCHLORIDE * T 1139

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:170 mg/kg APFRAD 25,487,67

QD6481600 4-MORPHOLINEACETAMIDE, N-(3-METHYL-5-ISOTHIAZOLYL)-
UPDT:8408 MW: 241.34 MOLFM: C10-H15-N3-O2-S
SYN: N-(3-METHYL-5-ISOTHIAZOLYL)-4-MORPHOLINEACETAMIDE

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:700 mg/kg YKKZAJ 83,195,63

QD6481700 4-MORPHOLINEACETAMIDE, N-(3-METHYL-5-ISOXAZOLYL)-
UPDT:8408 MW: 225.28 MOLFM: C10-H15-N3-O3
SYN: N-(3-METHYL-5-ISOXAZOLYL)-4-MORPHOLINEACETAMIDE

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:800 mg/kg YKKZAJ 83,198,63

QD6481800 4-MORPHOLINEACETAMIDE, alpha-METHYL-N-(3-METHYL-5-ISOTHIAZOLYL)-
UPDT:8408 MW: 255.37 MOLFM: C11-H17-N3-O2-S
SYN: alpha-METHYL-N-(3-METHYL-5-ISOTHIAZOLYL)-4-MORPHOLINEACETAMIDE

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:900 mg/kg YKKZAJ 83,195,63

QD6481900 4-MORPHOLINEACETAMIDE, alpha-METHYL-N-(3-METHYL-5-ISOXAZOLYL)-
UPDT:8408 MW: 239.31 MOLFM: C11-H17-N3-O3
SYN: alpha-METHYL-N-(3-METHYL-5-ISOXAZOLYL)-4-MORPHOLINEACETAMIDE

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:456 mg/kg YKKZAJ 83,198,63

QD6483000 4-MORPHOLINEACETAMIDE, N-(4-((4-NITROPHENYL)THIO)PHENYL)-
UPDT:8311 CAS: 66976-51-0 MW: 373.46 MOLFM: C18-H19-N3-O4-S
SYN: MORPHOLINOACETYLAMINO-4' PHENYLTHIO-4 NITROBENZENE (French) * N-(4-((4-NITROPHENYL)THIO)PHENYL)-4-MORPHOLINEACETAMIDE

TOXICITY DATA AND REFERENCES:
3A11F07Y55 ipr-mus LD50:1200 mg/kg EJMCA5 13,93,78
3A11F07Y55 scu-mus LD50:2000 mg/kg EJMCA5 13,93,78

QD6495100 4-MORPHOLINEACETAMIDE, N,N'-(THIODI-4,1-PHENYLENE)BIS-
UPDT:8311 CAS: 66603-26-7 MW: 470.64 MOLFM: C24-H30-N4-O4-S
SYN: (DIMORPHOLINOACETYL)-AMINO-4,4' PHENYLTHIOBENZENE (French) * N,N'-(THIODI-4,1-PHENYLENE)BIS(4-MORPHOLINEACETAMIDE)

TOXICITY DATA AND REFERENCES:
3A11F07Y55 ipr-mus LD50:2000 mg/kg EJMCA5 13,93,78
3A11F07Y55 scu-mus LD50:2000 mg/kg EJMCA5 13,93,78

QD6495150 4-MORPHOLINEACETANILIDE, 3'-CHLORO-alpha-ETHYL-
UPDT:8312 MW: 282.80 MOLFM: C14-H19-Cl-N2-O2
SYN: 3'-CHLORO-alpha-ETHYL-4-MORPHOLINEACETANILIDE * alpha-MORFOLINO-3-CLOROBUTIROANILIDE (Italian)

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:380 mg/kg BCFAAI 121,443,82

QD6495200 4-MORPHOLINEACETANILIDE, 2',4',6'-TRIMETHYL-
UPDT:8309 MW: 246.39 MOLFM: C15-H22-N2-O
SYN: S 378 * 2',4',6'-TRIMETHYL-4-MORPHOLINEACETANILIDE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:660 mg/kg JPMSAE 50,161,61

QD6495540 4-MORPHOLINEACETIC ACID, (5-BROMO-2-OXO-3-INDOLINYLIDENE)HYDRAZIDE, (Z)-
UPDT 8312 MW 367.24 MOLFM C14-H15-Br-N4-O3
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3000 mg/kg FRPSAX 38,559,83
* ipr-mus LD50:488 mg/kg FRPSAX 38,559,83

QD6495600 4-MORPHOLINEACETIC ACID, (5,7-DICHLORO-2-OXO-3-INDOLINYLIDENE)HYDRAZIDE, (Z)-
UPDT 8312 MW 357.22 MOLFM C14-H14-Cl2-N4-O3
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2700 mg/kg FRPSAX 38,559,83

QD6498600 4-MORPHOLINEACETIC ACID, (2-OXO-3-INDOLINYLIDENE)HYDRAZIDE, (E)-
UPDT 8312 MW 288.34 MOLFM C14-H16-N4-O3
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:755 mg/kg FRPSAX 38,559,83

QD6498650 4-MORPHOLINEACETIC ACID, (2-OXO-3-INDOLINYLIDENE)HYDRAZIDE, (Z)-
UPDT 8312 MW 288.34 MOLFM C14-H16-N4-O3
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2139 mg/kg FRPSAX 38,559,83
* ipr-mus LD50:755 mg/kg FRPSAX 38,559,83

QD6498800 4-MORPHOLINEACETIC ACID, (2-OXO-3-INDOLINYLIDENE)HYDRAZIDE, HYDROCHLORIDE, (Z)-
UPDT 8312 MW 324.80 MOLFM C14-H16-N4-O3 Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1549 mg/kg FRPSAX 38,559,83
* ipr-mus LD50:750 mg/kg FRPSAX 38,559,83

QD6700000 4-MORPHOLINEACETONITRILE, alpha-METHYL-
UPDT 8309 CAS 3626-56-0 MW 140.21 MOLFM C7-H12-N2-O
SYN: ENT 25,767 * alpha-METHYL-4-MORPHOLINEACETONITRILE * W-24 * WYANDOTTE W-24
TOXICITY DATA AND REFERENCES:
orl-rat LD50:87 mg/kg ARSIM* 20,27,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QD7000000 MORPHOLINE, 4-ACETYL-
UPDT 8407 CAS 1696-20-4 MW 129.18 MOLFM C6-H11-N-O2
SYN: N-ACETYLMORPHOLINE * 4-ACETYLMORPHOLINE
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6130 mg/kg AMIHBC 10,61,54
par-mus LDLo:2400 mg/kg CBCCT* 7,691,55
* skn-rbt LD50:7500 mg/kg AMIHBC 10,61,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QD7350000 MORPHOLINE, 4-(2-AMINOETHYL)-
UPDT 8407 CAS 2038-03-1 MW 130.22 MOLFM C6-H14-N2-O
SYN: beta-AMINOAETHYL-MORPHOLIN (German) * N-AMINOETHYLMORPHOLINE * 4-MORPHOLINEETHANAMINE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 26,269,44
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3000 mg/kg JIHTAB 26,269,44
scu-mus LD50:2142 mg/kg AIPTAK 109,108,57
skn-gpg LD50:300 mg/kg JIHTAB 26,269,44
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MORPHOLINE, N-AMINOPROPYL- see: QD7700000

QD7700000 MORPHOLINE, 4-AMINOPROPYL-
UPDT 8407 CAS 123-00-2 MW 144.25 MOLFM C7-H16-N2-O
SYN: 4-AMINOPROPYLMORPHOLINE * n-AMINOPROPYLMORPHOLINE (DOT) * MORPHOLINE, N-AMINOPROPYL- * NA 1760 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 4,119,51
skn-rbt 500 mg open SEV UCDS** 3/25/70
eye-rbt 1 mg UCDS** 3/25/70
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3560 mg/kg UCDS** 3/25/70
skn-rbt LD50:1230 mg/kg AMIHBC 4,119,51
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QD7720000 MORPHOLINE, 4-(3-AMINOPROPYL)-, DIPHENYLDISULFONATE
UPDT 8308 MW 458.59 MOLFM C7-H16-N2-O C12-H10-O6-S2
SYN: 4-(3-AMINOPROPYL)MORPHOLINE DIPHENYLDISULFONATE * 4-MORPHOLINEPROPANAMINE, DIPHENYLDISULFONATE (9CI)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:48 mg/kg CPBTAL 20,2459,72

QD7750000 MORPHOLINE, 4-(5-AMINO-2-(2-PROPYNYLOXY)BENZOYL)-, HYDROCHLORIDE
UPDT 8305 CAS 30533-86-9 MW 296.78 MOLFM C14-H16-N2-O3 Cl-H
SYN: 4-(5-AMINO-2-(2-PROPYNYLOXY)BENZOYL)MORPHOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:820 mg/kg BCFAAI 115,125,76

QD7880000 MORPHOLINE, 4-(p-ANILINOBENZYL)-
UPDT 8311 CAS 64097-54-7 MW 268.39 MOLFM C17-H20-N2-O
SYN: 4-(p-ANILINOBENZYL) MORPHOLINE * BENZENAMINE, 4-(4-MORPHOLINYLMETHYL)-N-PHENYL- * 4-(4-MORPHOLINYLMETHYL)-N-PHENYL BENZENAMINE
TOXICITY DATA AND REFERENCES:
3D28F13F19 orl-mus LD50:1000 mg/kg EJMCA5 12,219,77

QD8100000 MORPHOLINE, 4-BENZYL-2-(BENZYLOXY)-, HYDROCHLORIDE
UPDT 8402 MW 319.86 MOLFM C18-H21-N-O2 Cl-H
SYN: 4-BENZYL-2-(BENZYLOXY)MORPHOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg EJMCA5 18,465,83

QD8110000 MORPHOLINE, 4-BENZYL-2-((2-ETHOXYBENZYL)OXY)-, HYDROCHLORIDE
UPDT 8402 MW 363.92 MOLFM C20-H25-N-O3 Cl-H
SYN: 4-BENZYL-2-((o-ETHOXYBENZYL)OXY)MORPHOLINE HYDROCHLORIDE * 4-BENZYL-2-(2-ETHOXYBENZYLOXY)MORPHOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg EJMCA5 18,465,83

QD8170000 MORPHOLINE, 4-BENZYL-2-((p-METHOXYBENZYL)OXY)-, HYDROCHLORIDE
UPDT 8402 MW 349.89 MOLFM C19-H23-N-O3 Cl-H
SYN: 4-BENZYL-2-((p-METHOXYBENZYL)OXY)MORPHOLINE HYDROCHLORIDE * 4-BENZYL-2-(4-METHOXYBENZYLOXY)MORPHOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg EJMCA5 18,465,83

MORPHOLINE, 4-(BIS(1-AZIRIDINYL)PHOSPHINOTHIOYL)- (9CI) see: SZ2530000

QD8505000 MORPHOLINE, 4-(3-(BIS(2-CHLOROETHYL)AMINO)-p-TOLUOYL)-
UPDT 8310 CAS 21447-39-2 MW 345.30 MOLFM C16-H22-Cl2-N2-O2
SYN: 1-(3-(BIS(2-CHLOROETHYL)AMINO)-4-METHYLBENZOYL)MORPHOLINE * KETONE, 3-(BIS(2-CHLOROETHYL)AMINO)-p-TOLYL MORPHOLINO
TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:17 mg/kg NEOLA4 27,271,80

QD8547000 MORPHOLINE, 3-(2-BROMO-4,5-DIMETHOXYBENZYL)-4-(2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY) ETHYL)-, HYDROBROMIDE
UPDT 8407 MW 560.51 MOLFM C26-H41-Br-N-O2 Br-H
SYN: BROMURE de PINAVERIUM (French) * DICETEL * LAT 1717 * PINAVERIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:510 mg/kg APFRAD 40,133,82
* ivn-mus LD50:65 mg/kg APFRAD 40,133,82

QD8572000 MORPHOLINE, 4-(2-(p-BUTOXYPHENOXY)ETHYL)-, MONOHYDROCHLORIDE
UPDT 8305 MW 315.88 MOLFM C16-H25-N-O3 Cl-H
SYN: 4-(2-(p-BUTOXYPHENOXY)ETHYL)MORPHOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:170 mg/kg COREAF 241,1523,55

QD8750000 MORPHOLINE, 4-(3-(p-BUTOXYPHENOXY)PROPYL)-, HYDROCHLORIDE
UPDT 8405 CAS 637-58-1 MW 329.91 MOLFM C17-H27-N-O3 Cl-H
SYN: 4-(3-(p-BUTOXYPHENOXY)PROPYL)-MORPHOLINE HYDROCHLORIDE * p-BUTOXYPHENYL gamma-MORPHOLINOPROPYL ETHER HYDROCHLORIDE * gamma-MORPHOLINOPROPYL 4-n-BUTOXYPHENYL ETHER HYDROCHLORIDE * PRAMOXINE HYDROCHLORIDE * PROCTOFOAM * TRONOTHANE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1050 mg/kg 29ZVAB -,99,69
ipr-mus LD50:460 mg/kg 29ZVAB -,99,69
scu-mus LD50:1725 mg/kg CLDND*
* ivn-mus LD50:79500 ug/kg TXAPA9 1,454,56
ivn-rbt LD50:39 mg/kg 29ZVAB -,99,69

QD8850000 MORPHOLINE, 4-BUTYL-2-((1H-INDEN-4(or 7)-YLOXY)METHYL)-
UPDT 8306 CAS 71304-87-5 MW 287.44 MOLFM C18-H25-N-O2
SYN: 4-BUTYL-2-((1H-INDEN-4(or 7)-YLOXY)METHYL)MORPHOLINE
TOXICITY DATA AND REFERENCES:
3D16F05F12 ivn-mus LD50:44 mg/kg AIPTAK 238,81,79

QD8970000 4-MORPHOLINEBUTYRAMIDE, alpha-1-CYCLOHEXEN-1-YL-alpha-PHENYL-, OXALATE
UPDT 8305 MW 418.54 MOLFM C20-H28-N2-O2 C2-H2-O4
SYN: alpha-1-CYCLOHEXEN-1-YL-alpha-PHENYL-4-MORPHOLINEBUTYRAMIDE OXALATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:55 mg/kg AIPTAK 103,100,55

QD8974000 4-MORPHOLINEBUTYRAMIDE, alpha-CYCLOHEXYL-alpha-PHENYL-
UPDT 8305 MW 330.52 MOLFM C20-H30-N2-O2
SYN: alpha-CYCLOHEXYL-alpha-PHENYL-4-MORPHOLINEBUTYRAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:91 mg/kg AIPTAK 103,100,55

QD8978000 4-MORPHOLINEBUTYRAMIDE, alpha,alpha-DIPHENYL-
UPDT 8305 MW 324.46 MOLFM C20-H24-N2-O2
SYN: alpha,alpha-DIPHENYL-4-MORPHOLINEBUTYRAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:122 mg/kg AIPTAK 103,100,55

QD9320000 4-MORPHOLINEBUTYRONITRILE, alpha-CYCLOHEXYL-alpha-PHENYL-
UPDT 8305 MW 312.50 MOLFM C20-H28-N2-O
SYN: alpha-CYCLOHEXYL-alpha-PHENYL-4-MORPHOLINEBUTYRONITRILE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:68987 ug/kg AIPTAK 103,100,55

QD9330000 4-MORPHOLINEBUTYRONITRILE, alpha,alpha-DIPHENYL-, OXALATE
UPDT 8305 MW 396.48 MOLFM C20-H22-N2-O C2-H2-O4
SYN: alpha,alpha-DIPHENYL-4-MORPHOLINEBUTYRONITRILE OXALATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:95 mg/kg AIPTAK 103,100,55

QD9600000 4-MORPHOLINECARBODITHIOIC ACID, ACETONYL ESTER, OXIME
UPDT 8306 MW 234.36 MOLFM C8-H14-N2-O2-S2
SYN: ACETONYL ESTER of 4-MORPHOLINECARBODITHIOIC ACID OXIME
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1350 mg/kg AIPTAK 112,36,57

QD9680000 4-MORPHOLINECARBODITHIOIC ACID, SODIUM SALT
UPDT 8403 CAS 873-58-5 MW 185.25 MOLFM C5-H8-N-O-S2 Na
SYN: SODIUM MORPHOLINECARBODITHIOATE * SODIUM 4-MORPHOLINECARBODITHIOATE * SODIUM MORPHOLINEDITHIOCARBAMATE * SODIUM MORPHOLINODITHIOCARBAMATE * SODIUM SALT of 4-MORPHOLINECARBODITHIOIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:520 mg/kg PHARAT 27,139,72
* orl-mus LD50:1830 mg/kg AIPTAK 112,36,57
* ipr-mus LD50:600 mg/kg PHARAT 27,139,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

4-MORPHOLINECARBODITHIOIC ACID, TRIMETHYLSILYL ESTER see: QD9878000

QD9683000 4-MORPHOLINECARBOTHIOIC ACID, (5-NITROFURFURYLIDENE)HYDRAZIDE
UPDT 8407 CAS 14052-71-2 MW 284.32 MOLFM C10-H12-N4-O4-S
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:50 mg/kg JMCMAR 10,530,67

QD9694000 4-MORPHOLINECARBOXALDEHYDE
UPDT 8308 CAS 4394-85-8 MW 115.15 MOLFM C5-H9-N-O2
SYN: N-FORMYLMORPHOLINE * 4-FORMYLMORPHOLINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6500 mg/kg TXAPA9 28,313,74

QD9800000 4-MORPHOLINECARBOXAMIDE, N,N'-ETHYLENEBIS(N-BUTYL-
UPDT 8403 CAS 119-48-2 MW 398.62 MOLFM C20-H38-N4-O4
SYN: AMIPAN T * N,N'-DIBUTYL-N,N'-DICARBOXYETHYLENE DIAMINEMORPHOLIDE * N,N'-DIBUTYL-N,N'-DICARBOXYMORPHOLIDE-ETHYLENEDIAMINE * N,N'-DI-n-BUTYLETHYLENEDIAMINE-N,N'-DICARBOXYBISMORPHOLIDE * DIMORPHOLAMINE * N,N'-1,2-ETHANEDIYLBIS(N-BUTYL-4-MORPHOLINECARBOXAMIDE) * N,N'-ETHYLENEBIS(N-BUTYL-4-MORPHOLINECARBOXAMIDE) * PRONTODIN * 1064 TH * THERALEPTIQUE * THERAPTIQUE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:270 mg/kg NIIRDN 6,347,82
* scu-rat LD50:190 mg/kg NIIRDN 6,347,82
* ivn-rat LD50:24 mg/kg NIIRDN 6,347,82
* ims-rat LD50:122 mg/kg NIIRDN 6,347,82
* orl-mus LD50:150 mg/kg MEIEDD 10,476,83
3F12F13J26 ipr-mus LD50:80 mg/kg AIPTAK 163,133,66
3F12F13J26 scu-mus LD50:104 mg/kg AIPTAK 163,133,66
* ivn-mus LD50:42200 ug/kg NIIRDN 6,347,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QD9815000 4-MORPHOLINECARBOXAMIDINE, N-AMIDINO-, MONOHYDROCHLORIDE
UPDT 8405 CAS 3160-91-6 MW 207.70 MOLFM C6-H13-N5-O Cl-H
SYN: ABOB HYDROCHLORIDE * BIGUANIDE, 1,1-ANHYDRO-(beta-HYDROXYETHYL)-, HYDROCHLORIDE * FLUMIDIN * MOROXYDINE HYDROCHLORIDE * 4-MORPHOLINECARBOXIMIDAMIDE, N-(AMINOIMINOMETHYL)-, MONOHYDROCHLORIDE * MORPHOLINE BIGUANIDE HYDROCHLORIDE * SPENITOL * VIRUSMIN * VIRUSTAT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1750 mg/kg JAJAAA 18,196,65

QD9830000 4-MORPHOLINECARBOXAMIDINE, N-(N-(4-CHLORO-o-TOLYL)AMIDINO)-, MONOHYDROCHLORIDE
UPDT 8405 MW 332.27 MOLFM C13-H18-Cl-N5-O Cl-H

SYN: N-(N-(4-CHLORO-o-TOLYL)AMIDINO)-4-MORPHOLINECARBOXAMIDINE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:182 mg/kg JAJAAA 18,196,65

QD9860000 4-MORPHOLINECARBOXAMIDINE, N-(N-PHENYLAMIDINO)-, MONOHYDROCHLORIDE
UPDT:8405 MW: 283.80 MOLFM: C12-H17-N5-O Cl-H
SYN: BIGUANIDE, 1-PHENYL-5,5-(ANHYDROBIS-(beta-HYDROXYETHYL)-, HYDROCHLORIDE * N-(PHENYLAMIDINO)-4-MORPHOLINECARBOXAMIDINE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:260 mg/kg JAJAAA 18,196,65

4-MORPHOLINECARBOXIMIDAMIDE, N-(AMINOIMINOMETHYL)-, MONOHYDROCHLORIDE see: QD9815000

QD9871000 4-MORPHOLINECARBOXYLIC ACID, DITHIO-, ACETONYL ESTER
UPDT:8312 MW: 219.34 MOLFM: C8-H13-N-O2-S2
SYN: DITHIO-4-MORPHOLINECARBOXYLIC ACID ACETONYL ESTER
TOXICITY DATA AND REFERENCES:
3F12F13J22 orl-mus LDLo:4 gm/kg APFRAD 14,720,56

QD9872000 4-MORPHOLINECARBOXYLIC ACID, DITHIO-, CARBAMOYLMETHYL ESTER OXIME
UPDT:8312 MW: 235.35 MOLFM: C7-H13-N3-O2-S2
SYN: DITHIO-4-MORPHOLINECARBOXYLIC ACID CARBAMOYLMETHYL ESTER OXIME * 4-MORPHOLINECARBOXYLIC ACID, DITHIO-, ESTER with 2-MERCAPTOACETAMIDOXIME
TOXICITY DATA AND REFERENCES:
3F12F13J22 orl-mus LDLo:2 gm/kg APFRAD 14,720,56

QD9873000 4-MORPHOLINECARBOXYLIC ACID, DITHIO-, CYANOMETHYL ESTER
UPDT:8312 MW: 202.31 MOLFM: C7-H10-N2-O-S2
SYN: DITHIO-4-MORPHOLINECARBOXYLIC ACID CYANOMETHYL ESTER
TOXICITY DATA AND REFERENCES:
3F12F13J22 orl-mus LDLo:2 gm/kg APFRAD 14,720,56

4-MORPHOLINECARBOXYLIC ACID, DITHIO-, ESTER with 2-MERCAPTOACETAMIDOXIME see: QD9872000

QD9874000 4-MORPHOLINECARBOXYLIC ACID, DITHIO-, ESTER with MERCAPTO-2-PROPANONE OXIME
UPDT:8312 MW: 234.36 MOLFM: C8-H14-N2-O2-S2
SYN: DITHIO-4-MORPHOLINECARBOXYLIC ACID ESTER with MERCAPTO-2-PROPANONE OXIME
TOXICITY DATA AND REFERENCES:
3F12F13J22 orl-mus LDLo:3 gm/kg APFRAD 14,720,56

QD9875000 4-MORPHOLINECARBOXYLIC ACID, DITHIO-, ESTER with MERCAPTO-2-PROPANONE 3-THIOSEMICARBAZONE
UPDT:8312 MW: 260.41 MOLFM: C9-H16-N4-O-S2
SYN: DITHIO-4-MORPHOLINECARBOXYLIC ACID ESTER with MERCAPTO-2-PROPANONE 3-THIOSEMICARBAZONE
TOXICITY DATA AND REFERENCES:
3F12F13J22 orl-mus LDLo:1 gm/kg APFRAD 14,720,56

QD9876000 4-MORPHOLINECARBOXYLIC ACID, DITHIO-, SODIUM SALT
UPDT:8312 MW: 185.25 MOLFM: C5-H8-N-O-S2 Na
SYN: DITHIO-4-MORPHOLINECARBOXYLIC ACID SODIUM SALT
TOXICITY DATA AND REFERENCES:
3F12F13J22 orl-mus LDLo:3 gm/kg APFRAD 14,720,56

QD9878000 4-MORPHOLINECARBOXYLIC ACID, DITHIO-, TRIMETHYLSILYL ESTER
UPDT:8305 CAS: 68733-43-7 MW: 235.47 MOLFM: C8-H17-N-O-S2-Si
SYN: DITHIO-4-MORPHOLINECARBOXYLIC ACID TRIMETHYLSILYL ESTER * 4-MORPHOLINECARBODITHIOIC ACID, TRIMETHYLSILYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg INDRBA 16,231,79

QE0371000 MORPHOLINE, 4-(2-((5-CHLORO-2-METHOXYPHENYL)SULFONYL)ETHYL)-, HYDROCHLORIDE
UPDT:8305 MW: 356.29 MOLFM: C13-H18-Cl-N-O4-S Cl-H
SYN: 4-(2-((5-CHLORO-2-METHOXYPHENYL)SULFONYL)ETHYL)MORPHOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:537 mg/kg APFRAD 39,283,81
* ivn-mus LD50:212 mg/kg APFRAD 39,283,81

QE0440000 MORPHOLINE, 4-(2-((p-CHLORO-alpha-PHENYLBENZYL)OXY)ETHYL)-, HYDROCHLORIDE
UPDT:8412 CAS: 1798-49-8 MW: 368.33 MOLFM: C19-H22-Cl-N-O2 Cl-H
SYN: DIPHENCHLOXAZINE HYDROCHLORIDE * PHENYL-p-CHLOROPHENYLTETRAHYDRO-1,4-OXAZINYLETHOXYMETHANE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:710 mg/kg 27ZQAG -,223,72
* scu-mus LD50:368 mg/kg YKKZAJ 87,1109,67
ivn-mus LD50:140 mg/kg 27ZQAG -,223,72
unk-mus LD50:160 mg/kg 27ZQAG -,223,72

QE0450000 MORPHOLINE, 4-(3-((p-CHLORO-alpha-PHENYLBENZYL)OXY)PROPYL)-, HYDROCHLORIDE
UPDT:8412 CAS: 17282-61-0 MW: 382.36 MOLFM: C20-H24-Cl-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:550 mg/kg YKKZAJ 87,1109,67

QE0479000 MORPHOLINE, 4-(3-(p-CHLOROPHENYL)-3-(2,6-DIMETHYL-4-PYRIDYL)PROPYL)-
UPDT:8412 MW: 344.92 MOLFM: C20-H25-Cl-N2-O
TOXICITY DATA AND REFERENCES:
* scu-gpg LD50:500 mg/kg YKKZAJ 76,1430,56

QE0490000 MORPHOLINE, 4-(2-((6-CHLORO-2-PYRIDYL)THIO)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8408 CAS: 22514-23-4 MW: 295.25 MOLFM: C11-H15-Cl-N2-O-S Cl-H
SYN: 4-(2-((6-CHLORO-2-PYRIDYL)THIO)ETHYL)MORPHOLINE MONOHYDROCHLORIDE * D-1126 * FOPIRTOLINA (Spanish) * FOPIRTOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:768 mg/kg DRFUD4 7,806,82
* orl-mus LD50:1513 mg/kg DRFUD4 7,806,82
* ivn-mus LD50:140 mg/kg DRFUD4 7,806,82
* orl-dog LD50:100 mg/kg DRFUD4 7,806,82

QE0610000 MORPHOLINE, N-CYCLODODECYL-2,6-DIMETHYL-, ACETATE
UPDT:8408 CAS: 31717-87-0 MW: 342.61 MOLFM: C18-H36-N-O C2-H4-O2
SYN: ACETATE de DODEMORPHE (French) * APADODINE * BAS 2382 F * BASF MEHLTAUMITTEL * CYCLODODECYL-2,6-DIMETHYLMORPHOLINE ACETATE * N-CYCLODODECYL-2,6-DIMETHYLMORPHOLINIUM ACETATE * 4-CYCLODODECYL-2,6-DIMETHYLMORPHOLINIUM ACETATE * CYCLOMORPH * DODEMORFE (French) * DODEMORPH * DODEMORPH ACETATE * MELTATOX * MILBAN
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4180 mg/kg FMCHA2 -,C88,83
* ipr-mus LD50:100 mg/kg MEIEDD 10,496,83

QE1750000 MORPHOLINE, 2,6-DIMETHYL-
UPDT:8303 CAS: 141-91-3 MW: 115.20 MOLFM: C6-H13-N-O
SYN: 2,6-DIMETHYLMORPHOLINE * 2,6-DIMETHYL-2,3,5,6-TETRAHYDRO-4H-1,4-OXAZINE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2830 mg/kg UCDS** 11/13/61
1R10 skn-rbt LD50:710 mg/kg AIHAAP 23,95,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QE2060000 MORPHOLINE, 4-(3-(4-(1,1-DIMETHYLETHYL)PHENYL)-2-METHYLPROPYL)-2,6-DIMETHYL-
UPDT:8401 CAS: 67306-03-0 MW: 303.54 MOLFM: C20-H33-N-O
SYN: CORBEL * 4-(3-(4-(1,1-DIMETHYLETHYL)PHENYL)-2-METHYLPROPYL)-2,6-DIMETHYLMORPHOLINE * FENPROPEMORPH * FENPROPIMORPH * MISTRAL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4300 ug/kg FMCHA2 -,C104,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QE2130000 MORPHOLINE, 4-(2-(p-(alpha,beta-DIMETHYL-p-METHOXYSTYRYL)PHENOXY)ETHYL)-, HYDROCHLORIDE, (E)-
UPDT:8403 CAS: 15542-14-0 MW: 403.99 MOLFM: C23-H29-N-O3 Cl-H
SYN: trans-4-(2-(p-(alpha,beta-DIMETHYL-p-METHOXYSTYRYL)PHENOXY)ETHYL)MORPHOLINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:2 mg/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QE2150000 MORPHOLINE, 2,6-DIMETHYL-N-NITROSO-
UPDT:8412 CAS: 1456-28-6 MW: 144.20 MOLFM: C6-H12-N2-O2
SYN: DIMETHYLNITROSOMORPHOLINE * 2,6-DIMETHYLNITROSOMORPHOLINE * DMNM * NITROSO-2,6-DIMETHYLMORPHOLINE * Me2NMOR * N-NITROSO-2,6-DIMETHYLMORPHOLINE
MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/plate TCMUD8 1,295,80
mma-sat 50 nmol/plate MUREAV 57,1,78
TUMORIGENIC DATA AND REFERENCES:
3V03D09K60 orl-rat TDLo:135 mg/kg/30W-I ZKKOBW 92,221,78
3V01J60K60 scu-rat TDLo:1684 mg/kg/18W-I CALEDQ 13,159,81
3V01L60L61 orl-gpg TDLo:960 mg/kg/12W-I CNREA8 40,1879,80
3V01D09K60 orl-ham TDLo:819 mg/kg/45W-I JNCIAM 60,371,78
3V02J60K60 scu-ham TDLo:376 mg/kg/47W-I JNCIAM 60,197,78
3V01J60K60 orl-ham TD :937 mg/kg/51W-I JNCIAM 58,429,77
3V03D09K60 orl-rat TD :2025 mg/kg/30W-I CNREA8 35,2123,75
3V01L03L60 orl-gpg TD :400 mg/kg/23W-I JJIND8 64,529,80
3V03K60D09 orl-rat TD :300 mg/kg/30W-I CRNGDP 1,501,80
3V03D09K60 orl-rat TD :300 mg/kg/30W-I CALEDQ 10,325,80
3V02J60K60 scu-rat TD :1198 mg/kg/20W-I CALEDQ 13,159,81
2V03K60 orl-rat TD :400 mg/kg/5W-I CALEDQ 16,281,82
2V03K60 orl-rat TD :500 mg/kg/5W-I CALEDQ 16,281,82
3V03K60L60 orl-ham TD :1440 mg/kg/30W-I CALEDQ 16,281,82
3V02J60K60 scu-ham TD :1200 mg/kg/15W-I PAACA3 24,62,83
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:387 mg/kg CALEDQ 13,159,81
3L30J16K06 orl-gpg LD50:280 mg/kg JJIND8 64,529,80
orl-ham LD50:367 mg/kg JNCIAM 58,429,77
scu-ham LD50:320 mg/kg JNCIAM 60,197,78
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: APLMAS 107,54,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QE2167000 MORPHOLINE, 2,6-DIMETHYL-4-NITROSO-, mixture cis and trans (2:1)
UPDT:8303 MW: 144.20 MOLFM: C6-H12-N2-O2
SYN: 2,6-DIMETHYL-4-NITROSOMORPHOLINE cis and trans mixture (2:1)
TUMORIGENIC DATA AND REFERENCES:
3V01K60P61 orl-rat TDLo:75 gm/kg/50W-I CRNGDP 3,911,82
2V01K60 orl-rat TD :138 gm/kg/50W-I CRNGDP 3,911,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QE2180000 MORPHOLINE, 4-(2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYL)-, CITRATE
UPDT:8406 CAS: 68342-77-8 MW: 473.63 MOLFM: C17-H31-N-O2 C6-H8-O7
SYN: 4-(2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYL)MORPHOLINE CITRATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:60 mg/kg APFRAD 40,133,82

QE2190000 MORPHOLINE, 4-(2-(2-(6,6-DIMETHYL-2-NORPINEN-2-YL)ETHOXY)ETHYL)-, CITRATE
UPDT:8406 CAS: 68342-80-3 MW: 471.61 MOLFM: C17-H29-N-O2 C6-H8-O7
SYN: 4-(2-(2-(6,6-DIMETHYL-2-NORPINEN-2-YL)ETHOXY)ETHYL)MORPHOLINE CITRATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:87 mg/kg APFRAD 40,133,82

QE2195000 MORPHOLINE, 4-(2-(2-(6,6-DIMETHYL-2-NORPINEN-2-YL)ETHOXY)ETHYL)-, MALEATE
UPDT:8408 CAS: 68342-81-4 MW: 395.55 MOLFM: C17-H29-N-O2 C4-H4-O4
SYN: 4-(2-(2-(6,6-DIMETHYL-2-NORPINEN-2-YL)ETHOXY)ETHYL)MORPHOLINE MALEATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:67 mg/kg APFRAD 40,133,82

QE2200000 MORPHOLINE, 2,6-DIMETHYL-4-(1-OXOHEXYL)-
UPDT:8407 CAS: 50642-68-7 MW: 213.36 MOLFM: C12-H23-N-O2
SYN: 2,6-DIMETHYL-4-(1-OXOHEXYL)MORPHOLINE * ENT 35657-Ga (9CI) * 1-HEXANOYL-2,6-DIMETHYLMORPHOLINE
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MOD NTIS** AD764-221

QE2450000 MORPHOLINE, 3,4-DIMETHYL-2-PHENYL-, BITARTRATE
UPDT:8403 CAS: 63868-62-2 MW: 491.50 MOLFM: C12-H17-N-O 2C4-H6-O6
SYN: ADPHEN * BACARATE * DIETROL * 3,4-DIMETHYL-2-PHENYLMORPHOLINE BITARTRATE * HOURBESE * LIMIT * MINUS * NEO-NILOREX * OBEPAR * PHENAZINE * PHENDIMETRAZINE BITARTRATE * PLEGINE * [illegible]UCTO * STATOBEX * SYMETRA * TRIMSTAT * TRIMTABS
TOXICITY DATA AND REFERENCES:
orl-mus LD50:285 mg/kg 27ZQAG -,285,72
ipr-mus LD50:410 mg/kg 27ZQAG -,285,72
ivn-mus LD50:170 mg/kg 27ZQAG -,285,72

QE2625400 MORPHOLINE, 3,4-DIMETHYL-2-PHENYL-, HYDROCHLORIDE, (+-)-
UPDT:8303 MW: 227.76 MOLFM: C12-H17-N-O Cl-H
SYN: (+-)-3,4-DIMETHYL-2-PHENYLMORPHOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F12F13 ipr-mus LD50:175 mg/kg AIPTAK 138,209,62

QE2650000 MORPHOLINE, 3,4-DIMETHYL-2-PHENYL-, TARTRATE, D-
UPDT:8303 CAS: 21102-82-9 MW: 341.40 MOLFM: C12-H17-N-O C4-H6-O6
SYN: D-3,4-DIMETHYL-2-PHENYL-MORPHOLINE TARTRATE
TOXICITY DATA AND REFERENCES:
2F12F13 ipr-mus LD50:210 mg/kg AIPTAK 138,209,62

QE2660000 MORPHOLINE, 3,4-DIMETHYL-2-PHENYL-, TARTRATE, L-
UPDT:8303 MW: 341.40 MOLFM: C12-H17-N-O C4-H6-O6
SYN: L-3,4-DIMETHYL-2-PHENYL-MORPHOLINE TARTRATE
TOXICITY DATA AND REFERENCES:
2F12F13 ipr-mus LD50:290 mg/kg AIPTAK 138,209,62

QE2700000 MORPHOLINE, 4-(3-(2,6-DIMETHYL-4-PYRIDYL)-3-PHENYLPROPYL)-
UPDT:8411 MW: 310.48 MOLFM: C20-H26-N2-O
TOXICITY DATA AND REFERENCES:
* scu-gpg LD50:250 mg/kg YKKZAJ 76,1430,56

QE2705000 MORPHOLINE, 2,6-DIMETHYL-N-TRIDECYL-
UPDT:8408 CAS: 24602-86-6 MW: 297.59 MOLFM: C19-H39-N-O
SYN: BAS 2205-F * CALIXIN * 2,6-DIMETHYL-4-TRIDECYLMORPHOLINE * E-236 * N-TRIDECYL-2,6-DIMETHYLMORPHOLINE * 4-TRIDECYL-2,6-DIMETHYLMORPHOLINE * TRIDEMORPH
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T55 orl-rat TDLo:1300 mg/kg (1-20D preg) VPITAR (6),55,81
1T59 orl-rat TDLo:5400 ug/kg (7-15D preg) VPITAR (6),51,80
2T41T53 orl-rat TDLo:29250 ug/kg (7-15D preg) VPITAR (6),55,81
1T43 orl-rat TDLo:585 mg/kg (7-15D preg) VPITAR (6),55,81
1T47 orl-rat TDLo:5400 ug/kg (7-15D preg) VPITAR (6),55,81
1T43 orl-mus TDLo:2451 mg/kg (6-15D preg) TJADAB 29,259,84
TOXICITY DATA AND REFERENCES:
orl-rat LD50:650 mg/kg GUCHAZ 6,522,73
* orl-mus LD50:1560 mg/kg VPITAR (6),55,81
* orl-cat LD50:540 mg/kg VPITAR (6),55,81
orl-rbt LD50:750 mg/kg 28ZEAL 5,229,76
* orl-gpg LD50:1000 mg/kg VPITAR (6),55,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QE2920000 MORPHOLINE, 4-(2,2-DIMETHYLVALERYL)-
UPDT:8306 CAS: 13146-39-9 MW: 199.33 MOLFM: C11-H21-N-O2
SYN: 4-(2,2-DIMETHYLVALERYL)MORPHOLINE * MORPHOLINYLAMIDE DIMETHYL VALERIANIQUE (French) * 1-PENTANONE, 2,2-DIMETHYL-1-MORPHOLINO-
TOXICITY DATA AND REFERENCES:
1F12 orl-mus LD50:800 mg/kg CHTPBA 1,415,66

QE2950000 MORPHOLINE, 4,4'-(DIMETHYLVINYLENE)BIS(p-PHENYLENEOXYETHYLENE)DI-, DIHYDROCHLORIDE, (E)-
UPDT:8403 CAS: 21853-06-5 MW: 539.60 MOLFM: C28-H38-N2-O4 2Cl-H
SYN: trans-4,4'-(DIMETHYLVINYLENE)BIS(p-PHENYLENEOXYETHYLENE)DIMORPHOLINE DIHYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 i-g-mus TDLo:20 mg/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QE2976000 MORPHOLINE, 4-((2,4-DIOXO-1,8,8-TRIMETHYL-3-AZABICYCLO(3.2.1)OCT-3-YL)ACETYL)-
UPDT:8412 MOLFM: C16-H24-N2-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:900 mg/kg YKKZAJ 84,918,64

QE2978000 MORPHOLINE, 4-(3,3-DIPHENYLALLYL)-
UPDT:8305 MW: 275.37 MOLFM: C19-H17-N-O
SYN: 4-(3,3-DIPHENYLALLYL)MORPHOLINE * SCH 1924
TOXICITY DATA AND REFERENCES:
2F07F12 ipr-mus LD50:200 mg/kg CHTPBA 1,212,66

QE3020000 MORPHOLINE, 4-(2-(DIPHENYLMETHOXY)ETHYL)-, HYDROCHLORIDE
UPDT:8406 CAS: 5928-69-5 MW: 333.89 MOLFM: C19-H23-N-O2 Cl-H
SYN: A 446 * A 446 HYDROCHLORIDE * beta-MORPHOLINOETHYL BENZHYDRYL ETHER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F07F12F13 orl-rat LD50:916 mg/kg JPETAB 89,227,47
3F07F12F13 ivn-rat LD50:35 mg/kg JPETAB 89,227,47
3F07F12F13 orl-mus LD50:327 mg/kg JPETAB 89,227,47
3F07F12F13 ipr-mus LD50:185 mg/kg JPETAB 89,227,47
3F07F12F13 scu-mus LD50:440 mg/kg JPETAB 89,227,47
3F07F12F13 ivn-dog LD50:70 mg/kg JPETAB 89,227,47
3F07F12F13 ivn-rbt LD50:21 mg/kg JPETAB 89,227,47
ipr-gpg LD50:160 mg/kg JPETAB 83,120,45

MORPHOLINE DISULFIDE see: QE3325000

QE3325000 MORPHOLINE, 4,4'-DITHIODI-
UPDT:8305 CAS: 103-34-4 MW: 236.38 MOLFM: C8-H16-N2-O2-S2
SYN: N,N'-BISMORPHOLINE DISULFIDE * BISMORPHOLINO DISULFIDE * DIMORPHOLINE DISULFIDE * DIMORPHOLINO DISULFIDE * DITHIOBISMORPHOLINE * 4,4'-DITHIOBIS(MORPHOLINE) * ACCEL R * N,N-DITHIODIMORPHOLINE * 4,4'-DITHIODIMORPHOLINE * 4,4'-DITHIOMORPHOLINE * DISULFIDE, DIMORPHOLINO * MORPHOLINODISULFIDE * MORPHOLINE DISULFIDE * SULFASAN * SULFASAN R * SULFASAN R POWDER * USAF B-17 * USAF EK-T-6645
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1660 mg/kg ARZNAD 11,797,61
ipr-mus LD50:50 mg/kg NTIS** AD277-689
* ivn-mus LD50:100 mg/kg CSLNX* NX#02252
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MORPHOLINE, 4,4'-(DITHIODICARBONOTHIOYL)BIS- (9CI) see: JO1530000

QE3350000 MORPHOLINE, 4,4'-DITHIODIETHYLENEDI-, DIHYDROCHLORIDE
UPDT:8312 MW: 365.42 MOLFM: C12-H24-N2-O2-S2 2Cl-H
SYN: DISULFIDE, BIS(2-MORPHOLINOETHYL)-, DIHYDROCHLORIDE * 4,4'-DITHIODIETHYLENEDIMORPHOLINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg JPMSAE 65,1247,76

MORPHOLINE (DOT) see: QD6475000

4-MORPHOLINEETHANAMINE see: QD7350000

QE3475000 4-MORPHOLINEETHANAMINE, N-((1,4-DIMETHYL-9H-CARBAZOL-3-YL)METHYLENE)-
UPDT:8408 CAS: 55042-54-1 MW: 335.49 MOLFM: C21-H25-N3-O
SYN: ICIG 927 * 3-(beta-(N-MORPHOLINO)ETHYLIMINOMETHYL)-1,4-DIMETHYLCARBAZOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:850 mg/kg BIMDB3 21,101,74

QE3480000 4-MORPHOLINEETHANETHIOL, HYDROGEN SULFATE (ester)
UPDT:8312 MW: 195.26 MOLFM: C6-H13-N-O4-S
SYN: THIOSULFURIC ACID, S-2-MORPHOLINOETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg JPMSAE 65,1247,76

MORPHOLINE ETHANOL see: QE3675000

QE3675000 4-MORPHOLINEETHANOL
UPDT:8408 CAS: 622-40-2 MW: 131.20 MOLFM: C6-H13-N-O2
SYN: ETHANOL, 2-MORPHOLINO- * ETHANOL, 2-(MORPHOLINYL)- * N-beta-HYDROXYETHYLMORPHOLINE * N-(2-HYDROXYETHYL)MORPHOLINE * MORPHOLINE ETHANOL * beta-OXYAETHYL-MORPHOLIN (German)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 30,63,48
eye-rbt 5 mg SEV AJOPAA 29,1363,46
MUTATION DATA AND REFERENCES:
dns-rat:lvr 5 gm/L MUREAV 136,153,84
TOXICITY DATA AND REFERENCES:
par-mus LDLo:4800 mg/kg CBCCT* 7,691,55
orl-rat LD50:12 gm/kg JIHTAB 30,63,48
ipr-mus LD50:3600 mg/kg CANCAR 2,1055,49
scu-mus LD50:2650 mg/kg AIPTAK 109,108,57
skn-gpg LD50:2500 mg/kg JIHTAB 30,63,48
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QE3680400 4-MORPHOLINEETHANOL, alpha-tert-BUTYL-alpha-PHENYL-, HYDROCHLORIDE
UPDT:8305 MW: 299.88 MOLFM: C16-H25-N-O2 Cl-H
SYN: alpha-tert-BUTYL-alpha-PHENYL-4-MORPHOLINEETHANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:525 mg/kg APFRAD 39,519,81

QE3680600 4-MORPHOLINEETHANOL, alpha,alpha-DIPHENYL-
UPDT:8305 MW: 283.40 MOLFM: C18-H21-N-O2
SYN: alpha,alpha-DIPHENYL-4-MORPHOLINEETHANOL * MDE
TOXICITY DATA AND REFERENCES:
2F07F12 ipr-mus LD50:400 mg/kg CHTPBA 1,212,66

QE3680700 4-MORPHOLINEETHANOL, alpha-(2,2-DIPHENYLETHYL)-, HYDROCHLORIDE
UPDT:8303 MW: 347.92 MOLFM: C20-H25-N-O2 Cl-H
SYN: alpha-(2,2-DIPHENYLETHYL)-4-MORPHOLINEETHANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11C17F07 ivn-mus LD50:30 mg/kg CHTPBA 1(1),35,65

QE3680800 4-MORPHOLINEETHANOL, alpha-(2,2-DIPHENYLVINYL)-, HYDROCHLORIDE
UPDT:8303 MW: 345.90 MOLFM: C20-H23-N-O2 Cl-H
SYN: alpha-(2,2-DIPHENYLVINYL)-4-MORPHOLINEETHANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11C17F07 ivn-mus LD50:30 mg/kg CHTPBA 1(1),35,65

QE3681200 4-MORPHOLINEETHANOL, HYDROCHLORIDE
UPDT:8308 MW: 167.66 MOLFM: C6-H13-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:3000 mg/kg AIPTAK 112,36,57
* ivn-mus LD50:1420 mg/kg AIPTAK 112,36,57

QE3688000 4-MORPHOLINEETHANOL, alpha-PHENYL-, p-AMINOBENZOATE (ester), MONOHYDROCHLORIDE, HEMIHYDRATE
UPDT:8309 MW: 371.87 MOLFM: C19-H22-N2-O3 Cl-H 1/2H2-O
SYN: BENZOIC ACID, p-AMINO-, alpha-(MORPHOLINOMETHYL)BENZYL ESTER, HYDROCHLORIDE, HEMIHYDRATE * alpha-PHENYL-4-MORPHOLINEETHANOL p-AMINOBENZOATE (ester), MONOHYDROCHLORIDE HEMIHYDRATE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:750 mg/kg JACSAT 81,203,59

MORPHOLINEETHANOL, alpha-PHENYL-, CINNAMATE, HYDROCHLORIDE see: GE0270000

QE3740000 4-MORPHOLINEETHANOL, alpha-(beta-(2-THIENYL)STYRYL)-, HYDROCHLORIDE
UPDT:8303 MW: 351.92 MOLFM: C18-H21-N-O2-S Cl-H
SYN: alpha-(beta-(2-THIENYL)STYRYL)-4-MORPHOLINEETHANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11C17F07 ivn-mus LD50:30 mg/kg CHTPBA 1(1),35,65

QE3840000 MORPHOLINE, 2-((2-ETHOXYBENZYL)OXY)-, HYDROCHLORIDE
UPDT:8402 MW: 273.79 MOLFM: C13-H19-N-O3 Cl-H
SYN: 2-((o-ETHOXYBENZYL)OXY)MORPHOLINE HYDROCHLORIDE * 2-(2-ETHOXYBENZYLOXY)MORPHOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg EJMCA5 18,465,83

QE3940000 MORPHOLINE, 2-((2-ETHOXYPHENOXY)METHYL)-
UPDT:8403 CAS: 46817-91-8 MW: 237.33 MOLFM: C13-H19-N-O3
SYN: 2-((2-ETHOXYPHENOXY)METHYL)MORPHOLINE * 2-(2-ETHOXYPHENOXYMETHYL)TETRAHYDRO-1,4-OXAZINE * ICI-58834 * VILOXAZIN * VILOXAZINE
TOXICITY DATA AND REFERENCES:
3F18F19F23 orl-rat LD50:2000 mg/kg HEPHD2 55,527,80
3F18F19F23 ivn-rat LD50:60 mg/kg HEPHD2 55,527,80
3F18F19F23 orl-mus LD50:1000 mg/kg HEPHD2 55,527,80
3F18F19F23 ivn-mus LD50:60 mg/kg HEPHD2 55,527,80

QE4025000 MORPHOLINE, 4-ETHYL-
UPDT:8408 CAS: 100-74-3 MW: 115.20 MOLFM: C6-H13-N-O
SYN: N-ETHYLMORPHOLINE * 4-ETHYLMORPHOLINE
IRRITATION DATA AND REFERENCES:
skn-rbt 453 mg open MLD UCDS** 11/3/71
eye-rbt 2 mg open SEV AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1780 mg/kg DTLVS* 4,190,81
* orl-mus LD50:1200 mg/kg TPKVAL 15,116,79
* ihl-mus LC50:18000 mg/m3/2H TPKVAL 15,116,79
* ivn-mus LD50:180 mg/kg CSLNX* NX#04778
REVIEW AND REFERENCES:
★ TLV-TWA 5 ppm; STEL 20 ppm (skin) DTLWS* 4,190,81
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 20 ppm (skin) (SCP-K) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S146
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

QE4100000 MORPHOLINE, 4-(2-((p-FLUORO-alpha-PHENYLBENZYL)OXY)ETHYL)-, HYDROCHLORIDE
UPDT:8411 CAS: 1827-60-7 MW: 351.88 MOLFM: C19-H22-F-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:351 mg/kg YKKZAJ 87,1109,67

QE4110000 MORPHOLINE, 4-ETHYL-2-((1H-INDEN-4(or 7)-YLOXY)METHYL)-
UPDT:8306 CAS: 71304-84-2 MW: 259.38 MOLFM: C16-H21-N-O2
SYN: 4-ETHYL-2-((1H-INDEN-4(or 7)-YLOXY)METHYL)MORPHOLINE
TOXICITY DATA AND REFERENCES:
3D16F05F12 ivn-mus LD50:38 mg/kg AIPTAK 238,81,79

QE4150000 MORPHOLINE, 4-(2-ETHYL-2-METHYLHEXANOYL)-
UPDT:8306 CAS: 13146-43-5 MW: 227.39 MOLFM: C13-H25-N-O2
SYN: 4-(2-ETHYL-2-METHYLHEXANOYL)MORPHOLINE * 1-HEXANONE, 2-ETHYL-2-METHYL-1-MORPHOLINO- * MORPHOLINYLAMIDE METHYL-ETHYL CAPROIQUE (French)
TOXICITY DATA AND REFERENCES:
1F12 orl-mus LD50:800 mg/kg CHTPBA 1,415,66

QE4200000 MORPHOLINE, 4-(3-((p-FLUORO-alpha-PHENYLBENZYL)OXY)PROPYL)-, HYDROCHLORIDE

beta-4-MORPHOLINEETHYL PHENYLACETATE MONOHYDRATE HYDROCHLORIDE see: AJ3230000

UPDT:8411 CAS: 2729-03-5 MW: 365.91 MOLFM: C20-H24-F-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:630 mg/kg YKKZAJ 87,1109,67

MORPHOLINE, 4-(6-FORMYL-2,3-DIMETHOXYBENZOYL)- see: YX5089600

QE4820000 MORPHOLINE, 4-(2-(p-(HEPTYLOXY)PHENOXY)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8305 MW: 357.97 MOLFM: C19-H31-N-O3 Cl-H
SYN: 4-(2-(p-(HEPTYLOXY)PHENOXY)ETHYL)MORPHOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:140 mg/kg COREAF 241,1523,55

QE4855000 MORPHOLINE, 4-(2-(p-(HEXYLOXY)PHENOXY)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8305 MW: 343.94 MOLFM: C18-H29-N-O3 Cl-H
SYN: 4-(2-(p-(HEXYLOXY)PHENOXY)ETHYL)MORPHOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:135 mg/kg COREAF 241,1523,55

MORPHOLINE HYDROCHLORIDE see: QE5075000

QE5075000 MORPHOLINE, HYDROCHLORIDE
UPDT:8408 CAS: 10024-89-2 MW: 123.60 MOLFM: C4-H9-N-O Cl-H

SYN: MORPHOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4580 mg/kg JIHTAB 23,259,41
2F25J25 ipr-mus LD50:1350 mg/kg JJPAAZ 17,475,67
* scu-mus LD50:1640 mg/kg AIPTAK 112,36,57
* ivn-mus LD50:900 mg/kg AIPTAK 112,36,57

QE5200000 MORPHOLINE, 4-(3-(4-IMIDAZOLYL)THIOACRYLOYL)-
UPDT:8403 MW: 223.32 MOLFM: C10-H13-N3-O-S
SYN: 4-(3-(4-IMIDAZOLYL)THIOACRYLOYL)MORPHOLINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1121 mg/kg FRPSAX 39,811,83

QE5204000 MORPHOLINE, 2-((1H-INDEN-4(or 7)-YLOXY)METHYL)-
UPDT:8306 CAS: 65073-18-9 MW: 231.32 MOLFM: C14-H17-N-O2
SYN: 2-((1H-INDEN-4(or 7)-YLOXY)METHYL)MORPHOLINE
TOXICITY DATA AND REFERENCES:
3D16F05F12 ivn-mus LD50:44 mg/kg AIPTAK 238,81,79

QE5210000 MORPHOLINE, 2-((1H-INDEN-7-YLOXY)METHYL)-, HYDROCHLORIDE
UPDT:8306 CAS: 65043-22-3 MW: 267.78 MOLFM: C14-H17-N-O2 Cl-H
SYN: 2-(7-INDENYLOXYMETHYL)MORPHOLINE HYDROCHLORIDE * 2-((1H-INDEN-7-YLOXY)METHYL)MORPHOLINE HYDROCHLORIDE * YM-08054-1
TOXICITY DATA AND REFERENCES:
3D16F05F12 ivn-mus LD50:47 mg/kg AIPTAK 238,81,79

QE5212000 MORPHOLINE, 2-((1H-INDEN-4(or 7)-YLOXY)METHYL)-4-ISOPROPYL-
UPDT:8306 CAS: 71304-86-4 MW: 273.41 MOLFM: C17-H23-N-O2
SYN: 2-((1H-INDEN-4(or 7)-YLOXY)METHYL)-4-ISOPROPYLMORPHOLINE * MORPHOLINE, 2-((1H-INDEN-4(or 7)-YLOXY)METHYL)-4-(1-METHYLETHYL)-
TOXICITY DATA AND REFERENCES:
3D16F05F12 ivn-mus LD50:30 mg/kg AIPTAK 238,81,79

QE5214000 MORPHOLINE, 2-((1H-INDEN-4(or 7)-YLOXY)METHYL)-4-METHYL-
UPDT:8306 CAS: 71304-83-1 MW: 245.35 MOLFM: C15-H19-N-O2
SYN: 2-((1H-INDEN-4(or 7)-YLOXY)METHYL)-4-METHYLMORPHOLINE
TOXICITY DATA AND REFERENCES:
3D16F05F12 ivn-mus LD50:37 mg/kg AIPTAK 238,81,79

MORPHOLINE, 2-((1H-INDEN-4(or 7)-YLOXY)METHYL)-4-(1-METHYLETHYL)- see: QE5212000

QE5216000 MORPHOLINE, 2-((1H-INDEN-4(or 7)-YLOXY)METHYL)-4-PROPYL-
UPDT:8306 CAS: 71304-85-3 MW: 273.41 MOLFM: C17-H23-N-O2
SYN: 2-((1H-INDEN-4(or 7)-YLOXY)METHYL)-4-PROPYLMORPHOLINE
TOXICITY DATA AND REFERENCES:
3D16F05F12 ivn-mus LD50:27 mg/kg AIPTAK 238,81,79

QE5250000 MORPHOLINE, ISOPROPYL-
UPDT:8307 CAS: 1331-24-4 MW: 129.23 MOLFM: C7-H15-N-O
SYN: ISOPROPYLMORPHOLINE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MOD UCDS** 4/23/63
eye-rbt 15 mg SEV UCDS** 4/23/63
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:710 mg/kg AIHAAP 30,470,69
ihl-rat LCLo:500 ppm/4H AIHAAP 30,470,69
skn-rbt LD50:100 mg/kg AIHAAP 30,470,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QE5270000 MORPHOLINE, 4-ISOPROPYL-2-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-, HYDROCHLORIDE
UPDT:8408 CAS: 26629-86-7 MW: 346.25 MOLFM: C14-H19-Cl-F3-N-O Cl-H
SYN: CERM-1766 * CONFLICTAN * MORPHOLINE, 4-(1-METHYLETHYL)-2-(3-(TRIFLUOROMETHYL)PHENYL)-, HYDROCHLORIDE (9CI) * OXAFLOZANE HYDROCHLORIDE * 2-(3-TRIFLUOROMETHYL) PHENYL 4-ISOPROPYL TETRAHYDRO 1,4-OXAZINE CHLORHYDRATE (French)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:420 mg/kg THERAP 29,81,74
* ivn-mus LD50:80 mg/kg THERAP 29,81,74

QE5555000 MORPHOLINE, 2-((p-METHOXYBENZYL)OXY)-, HYDROCHLORIDE
UPDT:8402 MW: 259.76 MOLFM: C12-H17-N-O3 Cl-H
SYN: 2-((p-METHOXYBENZYL)OXY)MORPHOLINE HYDROCHLORIDE * 2-(4-METHOXYBENZYLOXY)MORPHOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg EJMCA5 18,465,83

QE5570000 MORPHOLINE, 4-(2-(p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)ETHYL)-, HYDROCHLORIDE
UPDT:8303 MW: 462.07 MOLFM: C29-H31-N-O2 Cl-H
SYN: 4-(2-(p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)ETHYL)MORPHOLINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:7 mg/kg (1D pre/1-6D preg) CHINAG (10),408,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MORPHOLINE, N-METHYL- see: QE5775000

QE5775000 MORPHOLINE, 4-METHYL-
UPDT:8408 CAS: 109-02-4 MW: 101.17 MOLFM: C5-H11-N-O
SYN: N-METHYL MORPHOLINE * METHYLMORPHOLINE (DOT) * MORPHOLINE, N-METHYL- * UN 2535 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 460 mg open MLD UCDS** 6/30/59
eye-rbt 920 ug SEV UCDS** 6/30/59
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2720 mg/kg JIHTAB 31,60,49
* ihl-rat LCLo:2000 ppm/4H JIHTAB 31,60,49
* orl-mus LD50:1970 mg/kg TPKVAL 15,116,79
* ihl-mus LC50:25200 mg/m3/2H TPKVAL 15,116,79
* skn-rbt LD50:1242 mg/kg JIHTAB 31,60,49
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID, CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QE6125000 MORPHOLINE, 4,4'-METHYLENEDI-
UPDT:8401 CAS: 5625-90-1 MW: 186.29 MOLFM: C9-H18-N2-O2
SYN: BIS(MORPHOLINO-)METHAN (German) * BISMORPHOLINO METHANE * 4,4'-METHYLENEDIMORPHOLINE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:50 mg/kg FCTXAV 6,576,68
3V03C60V10 scu-rat TD :2000 mg/kg/40W-I ZEKBAI 71,105,68
TOXICITY DATA AND REFERENCES:
scu-rat LD50:1000 mg/kg ZEKBAI 71,105,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QE6130000 MORPHOLINE, 4-(3,4-METHYLENEDIOXYTHIOCINNAMOYL)-
UPDT:8403 MW: 277.36 MOLFM: C14-H15-N-O3-S
SYN: 4-(3,4-METHYLENEDIOXYTHIOCINNAMOYL)MORPHOLINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:285 mg/kg FRPSAX 39,811,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QE6150000 MORPHOLINE, 4-(1-METHYLETHYL)-2-(3-(TRIFLUOROMETHYL)PHENYL)-
UPDT:8408 CAS: 26629-87-8 MW: 273.33 MOLFM: C14-H18-F3-N-O
SYN: CERM-1766 * 4-ISOPROPYL-2-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)MORPHOLINE * 4-(1-METHYLETHYL)-2-(3-(TRIFLUOROMETHYL)PHENYL)MORPHOLINE * OXAFLOZANE * OXAFLOZANO (Spanish) * 2-((3-TRIFLUOROMETHYL)PHENYL)-4-ISOPROPYL-TETRAHYDRO-1,4-OXAZINE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:420 mg/kg DRFUD4 3,667,78
ivn-mus LD50:80 mg/kg DRFUD4 3,667,78

MORPHOLINE, 4-(1-METHYLETHYL)-2-(3-(TRIFLUOROMETHYL)PHENYL)-, HYDROCHLORIDE (9CI) see: QE5270000 MORPHOLINE, 4-ISOPROPYL-2-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-, HYDROCHLORIDE

QE6225000 MORPHOLINE, 2-METHYL-4-NITROSO-
UPDT:8411 MW: 130.17 MOLFM: C5-H10-N2-O2
SYN: 2-METHYL-4-NITROSOMORPHOLINE * NITROSO-2-METHYLMORPHOLINE * N-NITROSO-2-METHYLMORPHOLINE
MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/plate TCMUD8 1,295,80
mmo-sat 250 ug/plate TCMUD8 1,295,80
TUMORIGENIC DATA AND REFERENCES:
3V01K60L60 orl-rat TDLo:146 gm/kg/50W-I CRNGDP 3,911,82
3V03D09L61 orl-ham TDLo:1296 mg/kg/30W-I CRNGDP 5,875,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QE6239900 MORPHOLINE, 4-(2-METHYL-1-OXO-2-BUTENYL)-, (E)-
UPDT:8311 MW: 169.25 MOLFM: C9-H15-N-O2
SYN: AI3-36404 * (E)-4-(2-METHYL-1-OXO-2-BUTENYL)MORPHOLINE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD AEHA** 51-029-76

QE6650000 MORPHOLINE, 3-METHYL-2-PHENYL-, HYDROCHLORIDE
UPDT:8302 CAS: 1707-14-8 MW: 213.73 MOLFM: C11-H15-N-O Cl-H
SYN: A 66 HYDROCHLORIDE * MARSIN * 3-METHYL-2-PHENYLMORPHOLINE HYDROCHLORIDE * 3-METHYL-2-PHENYLTETRAHYDRO-2H-1,4-OXAZINE HYDROCHLORIDE * NEO-ZINE * PHENMETRAZINE HYDROCHLORIDE * 2 PHENYL-3-METHYLTETRAHYDRO-1,4-OXAZINE HYDROCHLORIDE * PRELUDIN HYDROCHLORIDE * PROBESE-P HYDROCHLORIDE * PSYCHAMINE A 66 HYDROCHLORIDE * USAF GE-1
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T49T50T77 orl-wmn TDLo:84 mg/kg (28-84D preg) BMJOAE 2,1327,62
TOXICITY DATA AND REFERENCES:
orl-rat LD50:165 mg/kg ARZNAD 13,711,53
ipr-rat LD50:175 mg/kg TXAPA9 2,589,60
scu-rat LD50:350 mg/kg TXAPA9 2,589,60
orl-mus LD50:165 mg/kg ARZNAD 13,711,63
ipr-mus LD50:50 mg/kg NTIS** AD277-689
ivn-mus LD50:71 mg/kg TXAPA9 2,589,60
ivn-rbt LD50:41 mg/kg 27ZQAG -,286,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QE6950000 MORPHOLINE, 4-(3-(2-METHYL-2-PYRIDYL)-3-PHENYLPROPYL)-
UPDT:8411 MW: 293.42 MOLFM: C19-H21-N2-O
TOXICITY DATA AND REFERENCES:
* scu-gpg LD50:150 mg/kg YKKZAJ 76,1430,56

QE7189000 MORPHOLINE, 4-((MORPHOLINOTHIOCARBONYL)THIO)-
UPDT:8403 CAS: 13752-51-7 MW: 248.39 MOLFM: C9-H16-N2-O2-S2
SYN: MORPHOLINE, 4-((4-MORPHOLINYLTHIO)THIOXOMETHYL)- (9CI) * 4-((MORPHOLINOTHIOCARBONYL)THIO)MORPHOLINE * N-OXYDIETHYLENE THIOCARBAMYL-N-OXYDIETHYLENE SULFENAMIDE
MUTATION DATA AND REFERENCES:
dnr-esc 100 ug/L ENMUDM 5 193,83
mma-mus:lym 18800 ug/L ENMUDM 5,193,83
otr-mus:emb 50 ug/L ENMUDM 5,193,83
msc-mus:lym 5 mg/L ENMUDM 5,193,83
cyt-ham:ovr 2500 ug/L ENMUDM 5,193,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MORPHOLINE, 4-((4-MORPHOLINYLTHIO)THIOXOMETHYL)- (9CI) see: QE7189000

QE7392000 MORPHOLINE, 4-NITRO-
UPDT:8408 CAS: 4164-32-3 MW: 132.14 MOLFM: C4-H8-N2-O3
SYN: N-NITROMORPHOLINE * 4-NITROMORPHOLINE
MUTATION DATA AND REFERENCES:
mma-sat 5 mmol/L VOONAW 27(12),47,81

QE7400000 MORPHOLINE, 4-(2-(5-NITROIMIDAZOL-1-YL)ETHYL)-
UPDT:8406 CAS: 6506-37-2 MW: 226.27 MOLFM: C9-H14-N4-O3
SYN: ACTEROL * ESCLAMA * K 1900 * N-2-MORPHOLINOETHYL-5-NITROIMIDAZOLE * 1-(2-N-MORPHOLINYLETHYL)-5-NITROIMIDAZOLE * NAXOFEM * NAXOGIN * NIMORAZOLE * NIMORAZOLO * NITRIMIDAZINE * 4-(2-(5-NITROIMIDAZOL-1-YL)ETHYL)-MORPHOLINE * NULOGYL * SIRLEDI
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/L TCMUD8 3,429,83
mma-sat 50 ug/plate MUREAV 77,301,80
mmo-esc 1 mmol/L MUREAV 26,483,74
mmo-klp 50 umol/L/20H MUREAV 66,207,79
mmo-omi 250 umol/L MUREAV 26,483,74
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2553 mg/kg BCFAAI 111,541,72
orl-mus LD50:1530 mg/kg JMCMAR 21,781,78

QE7525000 MORPHOLINE, N-NITROSO-
UPDT:8412 CAS: 59-89-2 MW: 116.14 MOLFM: C4-H8-N2-O2
SYN: MORPHOLINE, 4-NITROSO- * N-NITROSOMORPHOLIN (German) * NITROSOMORPHOLINE * N-NITROSOMORPHOLINE * 4-NITROSOMORPHOLINE * NMOR
MUTATION DATA AND REFERENCES:
mmo-sat 250 ug/plate PMRSDJ 1,261,81
mma-sat 1 umol/plate MUREAV 140,147,84
mmo-esc 100 ug/plate PMRSDJ 1,387,81
pic-esc 250 mg/L PMRSDJ 1,224,81
dnd-bcs 1 mg/disc PMRSDJ 1,175,81
sln-dmg-orl 4 mmol/L/3D-I 35WYAM -,63,76
sln-dmg-par 1 pph BPYKAU 1,418,64
mmo-smc 89 mg/L PMRSDJ 1,414,81
sln-smc 150 mg/L PMRSDJ 1,468,81
mmo-asn 10 uL/plate MUREAV 80,265,81
mma-ssp 5 mg/L PMRSDJ 1,424,81
dns-hmn:fbr 160 ug/L PMRSDJ 1,528,81
otr-rat-ipr 100 mg/kg CNREA8 40,1157,80
dnd-rat-ipr 100 mg/kg CNREA8 33,3209,73
cyt-rat-ipr 250 mg/kg MUREAV 56,39,77
mnt-mus-ipr 6400 ug/kg PMRSDJ 1,686,81
dni-mus-orl 20 gm/kg ARGEAR 51,605,81
sce-mus-ipr 37500 ug/kg ENMUDM 6,408,84
msc-mus:lym 1200 mg/L PMRSDJ 1,580,81
hma-mus/sat 50 ug/kg CNREA8 37,4572,77
mnt-ham-orl 500 mg/kg IJCNAW 24,365,79
mma-ham:lng 10 mmol/L CNREA8 37,1044,77

	otr-ham-orl 100 mg/kg	BBRCA9 81,310,78
	otr ham:kdy 25 mg/L	PMRSDJ 1,638,81
	cyt-ham-orl 200 mg/kg	IJCNAW 24,365,79
	sce-ham:ovr 1 gm/L	PMRSDJ 1,538,81
	msc-ham-orl 200 mg/kg	IJCNAW 24,365,79
	msc-ham:lng 10 umol/L/18H	CNREA8 40,406,80

TUMORIGENIC DATA AND REFERENCES:

3V01L60M61	orl-rat TDLo:320 mg/kg	JCROD7 94,233,79
2V03L60	ivn-rat TDLo:286 mg/kg/57W-I	ZEKBAI 66,138,64
3V02J60L60	orl-mus TDLo:3140 mg/kg/28W-C	JNCIAM 46,1029,71
3V01J60K60	orl-ham TDLo:365 mg/kg/61W-C	CALEDQ 17,333,83
3V01D09J60	scu-ham TDLo:861 mg/kg/35W-I	JNCIAM 51,1295,73
3V03D09J60	orl-ham TD :1080 mg/kg/26W-I	CRNGDP 5,875,84
2V02J60	orl-mus TD :5600 mg/kg/50W-C	ZEKBAI 66,303,64
2V03L60	orl-rat TD :420 mg/kg/4W-C	GANNA2 65,123,74
2V03L60	orl-rat TD :600 mg/kg/34W-C	FCTXAV 10,887,72
3V03M61T63	orl-rat TD :180 mg/kg/I	ZEKBAI 66,1,64
3V01L60P61	orl-rat TD :80 gm/kg/50W-I	CRNGDP 3,911,82
3V01K60L60	orl-rat TD :200 gm/kg/50W-I	CRNGDP 3,911,82
3V01K60L60	orl-rat TD :250 gm/kg/50W-I	CRNGDP 3,911,82
3V03D09L60	ivn-rat TD :290 mg/kg/58W-I	ZEKBAI 69,103,67
3V01D09J60	scu-ham TD :1514 mg/kg/32W-I	JNCIAM 51,1295,73

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:282 mg/kg	NATWAY 48,134,61
	ipr-rat LD50:282 mg/kg	BJIMAG 19,276,62
	scu-rat LD50:170 mg/kg	ZKKOBW 80,17,73
	ivn-rat LD50:98 mg/kg	ZEKBAI 69,103,67
	ihl-mus LCLo:1000 mg/m3/10M	NDRC** NDCrc-132,Sept,42
*	ipr-mus LD50:64 mg/kg	PMRSDJ 1,682,81
*	orl-ham LD50:956 mg/kg	CALEDQ 17,333,83
	scu-ham LD50:490 mg/kg	ZKKOBW 81,251,74

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RREVAH 64,77,76

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 17,263,78

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 17,263,78

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MORPHOLINE, 4-NITROSO- see: QE7525000

MORPHOLINE, 4-NITROSOTHIO- see: XM3050000

QE7875000 MORPHOLINE, 4-(2-NITRO-3,4,5-TRIMETHOXYBENZOYL)-

UPDT:8406 CAS: 64039-13-0 MW: 326.34 MOLFM: C14-H18-N2-O7

SYN: 4-(2-NITRO-3,4,5-TRIMETHOXYBENZOYL)MORPHOLINE * RCRA WASTE NUMBER U143

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:1000 mg/kg	BCPCA6 11,651,62

QE8202000 MORPHOLINE, 4-(2-(p-(OCTYLOXY)PHENOXY)ETHYL)-, MONOHYDROCHLORIDE

UPDT:8305 MW: 372.00 MOLFM: C20-H33-N-O3 Cl-H

SYN: 4-(2-(p-(OCTYLOXY)PHENOXY)ETHYL)MORPHOLINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:170 mg/kg	COREAF 241,1523,55

QE8224000 MORPHOLINE, 4,4'-OXYBIS(DIMETHYLSILYLENE)BIS(TRIMETHYLENE)DI-, DIHYDROCHLORIDE

UPDT:8312 MW: 461.70 MOLFM: C18-H40-N2-O3-Si2 .2Cl-H

SYN: 4,4'-OXYBIS(DIMETHYLSILYLENE)BIS(TRIMETHYLENE)DIMORPHOLINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3H02J03K04	ipr-rat LD50:327 mg/kg	PCJOAU 16,761,82

QE8480000 MORPHOLINE, 4-(3-(p-PHENOXYMETHYLPHENYL)PROPYL)-

UPDT:8403 CAS: 17692-39-6 MW: 311.46 MOLFM: C20-H25-N-O2

SYN: ERBOCAIN * FOMOCAIN * FOMOCAINE * p-FOMOCAINE * MORPHOLINE, 4-(3-(4-(PHENOXYMETHYL)PHENYL)PROPYL)- (9CI) * MORPHOLINE, 4-(3-(alpha-PHENOXY-p-TOLYL)PROPYL)- * P 652 * PANACAINE * 4-(3-(PHENOXYMETHYLPHENYL)PROPYL)MORPHOLINE * 4-(3-(p-PHENOXYMETHYLPHENYL)PROPYL)MORPHOLINE * N-(gamma-(5-PHENOXYMETHYL-PHENYL)-PROPYL)-MORPHOLIN (German) * N-(4-(PHENOXY-METHYL)-gamma-PHENYL-PROPYL)-MORPHOLIN (German)

TOXICITY DATA AND REFERENCES:

	ivn-rat LD50:140 mg/kg	ARZNAD 8,539,58
	ipr-mus LD50:325 mg/kg	ARZNAD 8,539,58
	scu-mus LD50:1300 mg/kg	ARZNAD 8,539,58
	ivn-mus LD50:110 mg/kg	ARZNAD 8,539,58

MORPHOLINE, 4-(3-(4-(PHENOXYMETHYL)PHENYL)PROPYL)- (9CI) see: QE8480000

MORPHOLINE, 4-(3-(alpha-PHENOXY-p-TOLYL)PROPYL)- see: QE8480000

QE8647000 MORPHOLINE, 4,4'-(p-PHENYLENE)BIS(DIMETHYLSILYLENE)BIS(TRIMETHYLENE)DI-, DIHYDROCHLORIDE

UPDT:8312 MW: 519.78 MOLFM: C24-H42-N2-O2-Si2 .2Cl-H

SYN: 4,4'-(p-PHENYLENE)BIS(DIMETHYLSILYLENE)BIS(TRIMETHYLENE)DIMORPHOLINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2E03H02	ipr-rat LD50:305 mg/kg	PCJOAU 16,761,82

4-MORPHOLINEPROPANAMINE, DIPHENYLDISULFONATE (9CI) see: QD7720000

QE9109000 4-MORPHOLINEPROPANOL, alpha,alpha-DIPHENYL-

UPDT:8305 MW: 297.43 MOLFM: C19-H23-N-O2

SYN: alpha,alpha-DIPHENYL-4-MORPHOLINEPROPANOL * SCH 1910

TOXICITY DATA AND REFERENCES:

2F07F12	ipr-mus LD50:600 mg/kg	CHTPBA 1,212,66

QE9275800 4-MORPHOLINEPROPIONANILIDE, 5'-ISOPROPYL-4'-METHOXY-2'-METHYL-, HYDROCHLORIDE

UPDT:8305 MW: 356.94 MOLFM: C18-H28-N2-O3 .Cl-H

SYN: CHLORHYDRATE de beta-MORPHOLINOPROPIONYLAMINO-1 METHYLE-2 METHOXY-4 ISOPROPYLE-5 BENZENE * 5'-ISOPROPYL-4'-METHOXY-2'-METHYL-4-MORPHOLINEPROPIONANILIDE HYDROCHLORIDE * T838

TOXICITY DATA AND REFERENCES:

2C08F18	ivn-rbt LDLo:200 mg/kg	APFRAD 25,347,67

QE9285000 MORPHOLINE, 4-(2-(p-PROPOXYPHENOXY)ETHYL)-, MONOHYDROCHLORIDE

UPDT:8305 MW: 301.85 MOLFM: C15-H23-N-O3 Cl-H

SYN: 4-(2-(p-PROPOXYPHENOXY)ETHYL)MORPHOLINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:160 mg/kg	COREAF 241,1523,55

QE9470000 MORPHOLINE, 4,4'-SELENODIETHYLENEBIS-

UPDT:8412 CAS: 73511-88-3 MW: 307.34 MOLFM: C12-H24-N2-O2-Se

SYN: BIS(beta-(N,N-DIMORPHOLINO)ETHYL)SELENIDE * MOSE

TOXICITY DATA AND REFERENCES:

1F12	ivn-rat LD50:400 mg/kg	DCTODJ 7,41,84
3F12F17J22	ipr-mus LD50:1250 mg/kg	DCTODJ 7,41,84
2F07F12	ivn-rbt LD50:80 mg/kg	DCTODJ 7,41,84

QE9475000 MORPHOLINE and SODIUM NITRITE (1:1)

UPDT:8412

SYN: SODIUM NITRITE and MORPHOLINE (1:1)

MUTATION DATA AND REFERENCES:

	hma-mus/sat 1450 umol/kg	CNREA8 37,4572,77
	otr-ham-orl 1 gm/kg	BBRCA9 81,310,78
	msc-ham-orl 1 gm/kg	BBRCA9 81,310,78

TUMORIGENIC DATA AND REFERENCES:

3V03J60L60	orl-rat TDLo:18800 mg/kg/27W-C	FCTXAV 10,887,72
2V03J60	orl-mus TDLo:1125 mg/kg	IAPUDO 41,659,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QE9522000 MORPHOLINE,4-(2,2,4,4-TETRAMETHYLVALERYL)-

UPDT:8412 CAS: 32905-66-1 MW: 227.39 MOLFM: C13-H25-N-O2

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:2 gm/kg	CHTPBA 6,208,71

4-MORPHOLINETHIOCARBONYL DISULFIDE see: JO1530000

MORPHOLINE, 4-(THIOXO(3,4,5-TRIMETHYLOXYPHENYL)METHYL)- (9CI) see: QF1790000

QF1050000 MORPHOLINE, 4-(3,4,5-TRIMETHOXYBENZOYL)-

UPDT:8402 CAS: 635-41-6 MW: 281.34 MOLFM: C14-H19-N-O5

SYN: LG 50043 * PS 2383 * ABBOTT-22370 * TRIKSAZIN * TRIMETHOXAZINE * N-(3,4,5-TRIMETHOXYBENZOYL)MORPHOLINE * 4-(3,4,5-TRIMETHOXYBENZOYL)MORPHOLINE * 3,4,5-TRIMETHOXYBENZOYL-N-TETRAHYDROXAZINE * 3,4,5-TRIMETHOXY-N-BENZOYLTETRAHYDROXAZINE * TRIMETOGINE * TRIMETOZINA * TRIMETOZINE * TRIOXAZIN * TRIOXAZINE * V 7 * NSC-62939

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2900 mg/kg	THERAP 20,401,65
	ipr-rat LD50:1120 mg/kg	THERAP 20,401,65
	orl-mus LD50:2450 mg/kg	THERAP 20,401,65
	ipr-mus LD50:1320 mg/kg	BCPCA6 11,651,62
	scu-mus LD50:1550 mg/kg	THERAP 20,401,65
	ivn-mus LD50:960 mg/kg	27ZQAG -,312,72

QF1790000 MORPHOLINE, 4-(3,4,5-TRIMETHOXYTHIOBENZOYL)-

UPDT:8403 CAS: 35619-65-9 MW: 297.40 MOLFM: C14-H19-N-O4-S

SYN: ISF 2001 * MORPHOLINE, 4-(THIOXO(3,4,5-TRIMETHYLOXYPHENYL)METHYL)- (9CI) * 4-(THIOXO(3,4,5-TRIMETHOXYPHENYL)METHYL)MORPHOLINE * TRESANIL * TRITHIOZINE * 4-(3,4,5-TRIMETHOXYTHIOBENZOYL)MORPHOLINE * 4-(3,4,5-TRIMETHOXYTHIOBENZOYL)TETRAHYDRO-1,4-OXAZINE * TRITIOZINA (Italian) * TRITIOZINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T76T81T85	orl-rat TDLo:13500 mg/kg (15-22D preg/20D post)	ARTODN (Suppl 4),284,80

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:670 mg/kg	FRPSAX 38,811,83
	ipr-mus LD50:2000 mg/kg	CHTPBA 8,462,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QF1795000 MORPHOLINE, 4-(3,4,5-TRIMETHOXYTHIOCINNAMOYL)-

UPDT:8403 MW: 307.44 MOLFM: C16-H21-N-O3-S

SYN: 4-(3,4,5-TRIMETHOXYTHIOCINNAMOYL)MORPHOLINE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1350 mg/kg	FRPSAX 39,811,83

QF2275000 MORPHOLINE, N-TRITYL-

UPDT:8405 CAS: 1420-06-0 MW: 329.47 MOLFM: C23-H23-N-O

SYN: FRESCON * MORPHOLINE, 4-TRITYL- * TRIFENMORPH * N-TRITYLMORPHOLINE * 4-(TRIPHENYLMETHYL)MORPHOLINE * WL 8008

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1200 mg/kg	NATUAS 210,1140,66

MORPHOLINE, 4-TRITYL- see: QF2275000

QF2290000 4-MORPHOLINEVALERIC ACID, gamma-BENZAMIDO-delta-OXO-, DL-

UPDT:8412 CAS: 6460-75-9 MW: 320.38 MOLFM: C16-H20-N2-O5

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:4 gm/kg	MIMEAO 56,3653,67

QF2440500 MORPHOLINIUM, 4-((2,4-DIOXO-1,8,8-TRIMETHYL-3-AZABICYCLO(3.2.1)OCT-3-YL)METHYL)-4-METHYL-, IODIDE

UPDT:8412 MOLFM: C16-H27-N2-O3 .I

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:178 mg/kg	YKKZAJ 84,918,64

QF2446000 MORPHOLINIUM, 4,4'-(4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))BIS(4-METHYL-, DIBROMIDE

UPDT:8405 MW: 598.44 MOLFM: C26-H34-N2-O4 .2Br

SYN: 4,4'-(4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))BIS(4-METHYLMORPHOLINIUM BROMIDE)

TOXICITY DATA AND REFERENCES:

1J30	ipr-mus LD50:3 mg/kg	JAPMA8 43,79,54

QF2450000 MORPHOLINIUM, 2,2'-(4,4'-BIPHENYLYLENE)BIS(2-HYDROXY-4,4-DIMETHYL-, DIBROMIDE

UPDT:8307 CAS: 312-45-8 MW: 574.42 MOLFM: C24-H34-N2-O4 .2Br

SYN: 2,2'-(1,1'-BIPHENYL)-4,4'-DIYLBIS(2-HYDROXY-4,4-DIMETHYL-MORPHOLINIUM DIBROMIDE (9CI * HC-3 * HEMICHOLINE * HEMICHOLINIUM-3 * HEMICHOLINIUM BROMIDE * HEMICHOLINIUM-3 BROMIDE * HEMICHOLINIUM DIBROMIDE * HEMICHOLINIUM-3 DIBROMIDE

TOXICITY DATA AND REFERENCES:

3C08F12J22	ipr-rat LD50:160 ug/kg	EJPHAZ 33,145,75
3C08F12J22	ipr-mus LD50:46 ug/kg	EJPHAZ 33,145,75
1V30	scu-mus LDLo:150 ug/kg	AIPTAK 152,253,64
	ivn-mus LD50:80 ug/kg	TXAPA9 27,666,74
2F17J25	ivn-dog LD50:750 ug/kg	JMPCAS 4,505,61
2F17J25	ivn-cat LD50:300 ug/kg	JMPCAS 4,505,61
3C08F11J25	ivn-rbt LD50:250 ug/kg	AIPTAK 119,20,59

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

QF2810000 MORPHOLINIUM, 4-(2-BROMO-4,5-DIMETHOXY)BENZYL-4-(2-(2-(6,6-DIMETHYL-2-NORPINYL)ETHOXY) ETHYL)-, BROMIDE

UPDT:8403 CAS: 53251-94-8 MW: 591.50 MOLFM: C26-H41-Br-N-O4 .Br

SYN: DICETEL * PINAVERIUM BROMIDE

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:37 mg/kg	EJMCA5 9,182,74

QF2822400 MORPHOLINIUM, 4-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-4-ETHYL-, BROMIDE

UPDT:8305 MW: 433.44 MOLFM: C22-H29-N2-O2 .Br

SYN: 4-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-4-ETHYLMORPHOLINIUM BROMIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:43 mg/kg	AIPTAK 103,100,55

QF2822450 MORPHOLINIUM, 4-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-4-ISOPROPYL-, BROMIDE

UPDT:8305 MW: 447.47 MOLFM: C23-H31-N2-O2 .Br

SYN: 4-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-4-ISOPROPYLMORPHOLINIUM BROMIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:170 mg/kg	AIPTAK 103,100,55

QF2822500 MORPHOLINIUM, 4-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-4-METHYL-, IODIDE

UPDT:8305 MW: 466.40 MOLFM: C21-H27-N2-O2 .I

SYN: 4-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-4-METHYLMORPHOLINIUM IODIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:37 mg/kg	AIPTAK 103,100,55

QF2822800 MORPHOLINIUM, 4-(2-CARBOXYETHYL)-4-METHYL-, IODIDE, ESTER with CHOLINE IODIDE

UPDT:8305 MW: 514.23 MOLFM: C13-H28-N2-O3 .2I

SYN: 4-(2-CARBOXYETHYL)-4-METHYLMORPHOLINIUM IODIDE ESTER with CHOLINE IODIDE

TOXICITY DATA AND REFERENCES:

2E08H02	ivn-mus LDLo:75 mg/kg	AIPTAK 118,210,59

QF2822850 MORPHOLINIUM, 4-(2-CARBOXYETHYL)-4-METHYL-, IODIDE, ESTER with 4-(2-HYDROXYPROPYL)-4-METHYL MORPHOLINIUM IODIDE
UPDT:8305 MW: 570.30 MOLFM: C16-H32-N2-O4 .2I
TOXICITY DATA AND REFERENCES:
1H02 ivn-mus LDLo:200 mg/kg AIPTAK 118,210,59

QF2865000 MORPHOLINIUM, 4,4'-((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(4-BENZYL-, DIBROMIDE
UPDT:8305 MW: 834.82 MOLFM: C44-H54-N2-O4 .2Br
SYN: 4,4'-((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(4-BENZYLMORPHOLINIUM BROMIDE) * 706 HC
TOXICITY DATA AND REFERENCES:
2G30J30 ivn-mus LD50:190 ug/kg AIPTAK 96,462,54

QF2865500 MORPHOLINIUM, 4,4'-((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(4-BENZYL-, DICHLORIDE
UPDT:8305 MW: 745.90 MOLFM: C44-H54-N2-O4 .2Cl
SYN: 4,4'-((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(4-BENZYLMORPHOLINIUM CHLORIDE) * 705 HC
TOXICITY DATA AND REFERENCES:
2G30J30 ivn-mus LD50:280 ug/kg AIPTAK 96,462,54

QF2866000 MORPHOLINIUM, 4,4'-((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(4-ETHYL-, DIBROMIDE
UPDT:8305 MW: 710.68 MOLFM: C34-H50-N2-O4 .2Br
SYN: 4,4'-((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(4-ETHYLMORPHOLINIUM BROMIDE) * 707 HC
TOXICITY DATA AND REFERENCES:
2G30J30 ivn-mus LD50:270 ug/kg AIPTAK 96,462,54

QF2866500 MORPHOLINIUM, 4,4'-((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(4-METHYL-, DIIODIDE
UPDT:8305 MW: 776.60 MOLFM: C32-H46-N2-O4 .2I
SYN: 4,4'-((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(4-METHYLMORPHOLINIUM IODIDE) * 702 HC
TOXICITY DATA AND REFERENCES:
2G30J30 ivn-mus LD50:125 ug/kg AIPTAK 96,462,54

QF2867000 MORPHOLINIUM, 4,4'-((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(4-METHYL-, DI(3-OXOCYCLOHEXANESULFONATE)
UPDT:8305 MW: 877.22 MOLFM: C32-H46-N2-O4 .2C6-H9-S-O4
SYN: 703 HC
TOXICITY DATA AND REFERENCES:
2G30J30 ivn-mus LD50:200 ug/kg AIPTAK 96,462,54

QF2872000 MORPHOLINIUM, 4-(2-(DIETHYLMETHYLAMMONIO)ETHYL)-4-METHYL-, DIIODIDE
UPDT:8308 MW: 470.22 MOLFM: C12-H28-N2-O .2I
SYN: 4-(2-(DIETHYLMETHYLAMMONIO)ETHYL)-4-METHYLMORPHOLINIUM DIIODIDE * 293 HC
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:130 mg/kg AIPTAK 84,237,50

MORPHOLINIUM, 2-2-((1,1-DIMETHYLPIPERID-4-YL)ETHYL)-4-METHYL-, DIIODIDE see: TN4976000

QF3060000 MORPHOLINIUM, 4-(2-((2,8-DIMETHYL-4-QUINOLINYL)OXY)ETHYL)-4-METHYL-
UPDT:8408 CAS: 56898-25-0 MW: 301.45 MOLFM: C18-H25-N2-O2
SYN: 4-(2-((2,8-DIMETHYL-4-QUINOLINYL)OXY)ETHYL)-4-METHYLMORPHOLINIUM * Q(sub 8) * 8-QUINALDINEOXYETHYLMETHYLMORPHOLINIUM
TOXICITY DATA AND REFERENCES:
1J30 ipr-rat LD50:120 mg/kg IJMRAQ 63,842,75

QF3185000 MORPHOLINIUM, 4,4'-(ETHYLENEBIS(1,3-DIOXOLANE-2,4-DIYLMETHYLENE))
UPDT:8303 CAS: 15483-63-3 MW: 656.40 MOLFM: C20-H38-N2-O6 .2I
SYN: 1,2-BIS(4'-MORPHOLINOMETHYL-1',3'-DIOXOLANYL-2')ETHANE DIMETHIODIDE * 4,4'-(ETHYLENEBIS(1,3-DIOXOLANE 2,4-DIYLMETHYLENE))BIS(4-METHYLMORPHOLINIUM) DIIODIDE
TOXICITY DATA AND REFERENCES:
1E15 unk-mus LD50:9600 ug/kg PCJOAU 2,117,68

QF3186000 MORPHOLINIUM, 4,4'-(ETHYLENEBIS(OXYETHYLENE))BIS(4-ETHYL-, DIIODIDE
UPDT:8305 MW: 600.38 MOLFM: C18-H38-N2-O4 .2I
SYN: 4,4'-(ETHYLENEBIS(OXYETHYLENE))BIS(4-ETHYLMORPHOLINIUM IODIDE) * 507 HC
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:30 mg/kg AIPTAK 94,1,53

QF3187000 MORPHOLINIUM, 4,4'-(ETHYLENEBIS(OXYETHYLENE))BIS(4-METHYL-, DIIODIDE
UPDT:8305 MW: 572.32 MOLFM: C16-H34-N2-O4 .2I
SYN: 4,4'-(ETHYLENEBIS(OXYETHYLENE))BIS(4-METHYLMORPHOLINIUM IODIDE) * 506 HC
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:61 mg/kg AIPTAK 94,1,53

QF3212000 MORPHOLINIUM, 4-ETHYL-4-(2-(TRIETHYLAMMONIO)ETHYL)-, DIIODIDE
UPDT:8308 MW: 498.28 MOLFM: C14-H32-N2-O .2I
SYN: 4-ETHYL-4-(2-(TRIETHYLAMMONIO)ETHYL)MORPHOLINIUM DIIODIDE * 294 HC
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:150 mg/kg AIPTAK 84,237,50

QF3240000 MORPHOLINIUM, HEXACHLOROSTANNATE(2-) (2:1)
UPDT:7901 CAS: 69853-15-2 MW: 497.59 MOLFM: C8-H10-Cl6-N2-O2-Sn
SYN: DIMORPHOLINIUM HEXACHLOROSTANNATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#02489
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74

QF3321000 MORPHOLINIUM, 4-(2-(2-HYDROXYETHOXY)ETHYL)-4-METHYL-, IODIDE, ESTER with 1-alpha- CARBOXYBENZYL-1-METHYLPIPERIDINIUM IODIDE
UPDT:8303 MW: 660.43 MOLFM: C23-H38-N2-O4 .2I
TOXICITY DATA AND REFERENCES:
2C08J30 ivn-mus LD50:5300 ug/kg AIPTAK 125,121,60

QF3322000 MORPHOLINIUM, 4-(2-(2-HYDROXYETHOXY)ETHYL)-4-METHYL-, IODIDE, ESTER with 1-alpha- CARBOXYBENZYL-1,2,3,6-TETRAHYDRO-1-METHYLPYRIDINIUM IODIDE
UPDT:8303 MW: 658.41 MOLFM: C23-H36-N2-O4 .2I
TOXICITY DATA AND REFERENCES:
2C08J30 ivn-mus LD50:6500 ug/kg AIPTAK 125,121,60

QF3325500 MORPHOLINIUM, 4-(2-HYDROXYETHYL)-4-METHYL-, IODIDE, ESTER with (2-CARBOXYETHYL)TRIMETHYL AMMONIUM IODIDE
UPDT:8307 MW: 514.23 MOLFM: C13-H28-N2-O3 .2I
TOXICITY DATA AND REFERENCES:
2E08H02 ivn-mus LDLo:100 mg/kg AIPTAK 118,210,59

QF3326500 MORPHOLINIUM, 4-(2-HYDROXY-1-METHYLETHYL)-4-METHYL-, IODIDE, ESTER with (2-CARBOXYETHYL) TRIMETHYLAMMONIUM IODIDE
UPDT:8305 MW: 528.26 MOLFM: C14-H30-N2-O3 .2I
TOXICITY DATA AND REFERENCES:
1H02 ivn-mus LDLo:200 mg/kg AIPTAK 118,210,59

QF3327200 MORPHOLINIUM, 4-(1-(HYDROXYMETHYL)PROPYL)-4-METHYL-, IODIDE, ESTER with (2-CARBOXYETHYL) TRIMETHYLAMMONIUM IODIDE
UPDT:8305 MW: 542.29 MOLFM: C15-H32-N2-O3 .2I
TOXICITY DATA AND REFERENCES:
1H02 ivn-mus LDLo:125 mg/kg AIPTAK 118,210,59

QF3328500 MORPHOLINIUM, (3-INDOLYLMETHYLENE)-, HEXACHLOROSTANNATE(2-) (2:1)
UPDT:7901 CAS: 73816-43-0 MW: 761.99 MOLFM: C26-H30-N4-O2 Cl6-Sn
SYN: BIS(3-INDOLEMETHYLENEMORPHOLINIUM)HEXACHLOROSTANNATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg CSLNX* NX#02753
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
UPDT:8412

QF3387000 MORPHOLINIUM, 4,4'-OXYBIS(DIMETHYLSILYLENE)BIS(TRIMETHYLENE)BIS(4-METHYL-, DIIODIDE
UPDT:8312 MW: 672.66 MOLFM: C20-H46-N2-O3-Si2 .2I
SYN: 4,4'-OXYBIS(DIMETHYLSILYLENE)BIS(TRIMETHYLENE)BIS(4-METHYLMORPHOLINIUM) DIIODIDE
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:3200 ug/kg PCJOAU 16,761,82

QF3450100 MORPHOLINIUM, 4,4'-(p-PHENYLENEDIMETHYLENE)BIS(4-ETHYL-, DIBROMIDE
UPDT:8303 MW: 494.38 MOLFM: C20-H34-N2-O2 .2Br
SYN: 4,4'-(p-PHENYLENEDIMETHYLENE)BIS(4-ETHYLMORPHOLINIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:85 mg/kg AIPTAK 114,217,58

QF3450150 MORPHOLINIUM, 4,4'-(p-PHENYLENEDIMETHYLENE)BIS(4-PHENYL-, DIBROMIDE
UPDT:8303 MW: 590.46 MOLFM: C28-H34-N2-O2 .2Br
SYN: 4,4'-(p-PHENYLENEDIMETHYLENE)BIS(4-PHENYLMORPHOLINIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:35 mg/kg AIPTAK 114,217,58

QF3450180 MORPHOLINIUM, 2-PHENYL-3,4,4-TRIMETHYL-, BROMIDE
UPDT:8303 MW: 286.25 MOLFM: C13-H20-N-O .Br
SYN: 2-PHENYL-3,4,4-TRIMETHYL-MORPHOLINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
1F13 ipr-mus LD50:30 mg/kg AIPTAK 138,209,62

QF3451000 MORPHOLINIUM, 4,4'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(4-ETHYL-, DIBROMIDE
UPDT:8407 MW: 530.48 MOLFM: C20-H42-N4-O2 .2Br
SYN: 4,4-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(4-ETHYLMORPHOLINIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1320 mg/kg AIPTAK 112,36,57
* ivn-mus LD50:195 mg/kg AIPTAK 112,36,57

QF3451200 MORPHOLINIUM, 4,4'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(4-ETHYL-, DIIODIDE
UPDT:8305 MW: 624.46 MOLFM: C20-H42-N4-O2 .2I
SYN: 296 HC * 4,4'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(4-ETHYLMORPHOLINIUM IODIDE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:200 mg/kg AIPTAK 94,1,53

QF3451400 MORPHOLINIUM, 4,4'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(4-METHYL-, DIIODIDE
UPDT:8305 MW: 596.40 MOLFM: C18-H38-N4-O2 .2I
SYN: 295 HC * 4,4'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(4-METHYLMORPHOLINIUM IODIDE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:250 mg/kg AIPTAK 94,1,53

p-MORPHOLINOACETOPHENONE see: AM9486200
MORPHOLINOACETYLAMINO-4' PHENYLTHIO-4 NITROBENZENE (French) see: QD6483000
1-MORPHOLINOACETYL-3-PHENYL-2,3-DIHYDRO-4(1H)QUINAZOLINONE HYDROCHLORIDE see: VA3190000
MORPHOLINOBIGUANIDE HYDROCHLORIDE see: QD9815000
3-(MORPHOLINOCARBONYL)COUMARIN see: GN8253000 COUMARIN, 3-(MORPHOLINOCARBONYL)-
3-((MORPHOLINOCARBONYL)METHYL)COUMARIN see: GN8253500 COUMARIN, 3-((MORPHOLINOCARBONYL)METHYL)-
1-(p-(MORPHOLINOCARBONYL)PHENYL)BIGUANIDE HYDROCHLORIDE see: DU2044000
2-(MORPHOLINOCARBONYL)VERATRALDEHYDE see: YX5089600
MORPHOLINO-CNU see: YS5014450
1-MORPHOLINOCYCLOHEXANECARBONITRILE see: GU7727900
3'-MORPHOLINO-3'-DEAMINODAUNORUBICIN see: QI9298100
MORPHOLINODISULFIDE see: QE3325000
p-(2-(MORPHOLINO)ETHOXY)CARBANILIC ACID BENZYL ESTER HYDROCHLORIDE see: FD9763000
p-(2-MORPHOLINOETHOXY)CARBANILIC ACID 2-BUTOXYETHYL ESTER see: FD9763050
p-(2-(MORPHOLINO)ETHOXY)CARBANILIC ACID BUTYL ESTER HYDROCHLORIDE see: FD9763100
p-(2-(MORPHOLINO)ETHOXY)CARBANILIC ACID DECYL ESTER HYDROCHLORIDE see: FD9763300
p-(2-MORPHOLINOETHOXY)CARBANILIC ACID 2-ETHOXYETHYL ESTER see: FD9763110
p-(2-(MORPHOLINO)ETHOXY)CARBANILIC ACID ETHYL ESTER HYDROCHLORIDE see: FD9763400
p-(2-(MORPHOLINO)ETHOXY)CARBANILIC ACID HEPTYL ESTER HYDROCHLORIDE see: FD9763600
p-(2-MORPHOLINOETHOXY)CARBANILIC ACID 2-(HEPTYLOXY)ETHYL ESTER see: FD9763130
p-(2-(MORPHOLINO)ETHOXY)CARBANILIC ACID HEXYL ESTER HYDROCHLORIDE see: FD9763700
p-(2-MORPHOLINOETHOXY)CARBANILIC ACID 2-(HEXYLOXY)ETHYL ESTER see: FD9763140
p-(2-(MORPHOLINO)ETHOXY)CARBANILIC ACID ISOBUTYL ESTER HYDROCHLORIDE see: FD9763800
p-(2-(MORPHOLINO)ETHOXY)CARBANILIC ACID OCTYL ESTER HYDROCHLORIDE see: FD9764100
p-(2-(MORPHOLINO)ETHOXY)CARBANILIC ACID PENTYL ESTER HYDROCHLORIDE see: FD9764200
p-(2-MORPHOLINOETHOXY)CARBANILIC ACID 2-(PENTYLOXY)ETHYL ESTER see: FD9763160
p-(2-MORPHOLINOETHOXY)CARBANILIC ACID 2-PROPOXYETHYL ESTER see: FD9763170
p-(2-(MORPHOLINO)ETHOXY)CARBANILIC ACID PROPYL ESTER HYDROCHLORIDE see: FD9764400
MORPHOLINOETHOXYIMINO-2 DIMETHOXY-9,10 HEXAHYDRO-1,2,3,4,6,7 11b-H BENZO(a)QUINOLIZINE see: DK2262000 2H-BENZO(a)QUINOLIZIN-2-ONE, 1,3,4,6,7,11b-HEXAHYDRO-9,10-DIMETHOXY-, O-(2-MORPHOLINOETHYL) OXIME
10-(N-(2-MORPHOLINOETHYL)-beta-ALANYL)PHENOTHIAZINE DIMALEATE see: SP3300000
9-((2-MORPHOLINOETHYL)AMINO)ACRIDINE see: AR9483200
2-((2-MORPHOLINOETHYL)AMINO)ETHANETHIOL HYDROGEN SULFATE (ester) see: KJ2480700
beta-MORPHOLINOETHYL BENZHYDRYL ETHER HYDROCHLORIDE see: QE3020000
p-((2-MORPHOLINOETHYL)CARBAMOYL)CARBANILIC ACID HEPTYL ESTER HYDROCHLORIDE see: FD9763200
2-(beta-MORPHOLINOETHYL)DIBENZ(2,3:6,7)-3a,12b-DIHYDROOXEPIN(4,5-d)-1,3-DIOXOLANE see: HQ4235750
2-(2-MORPHOLINOETHYL)-3a,12b-DIHYDRODIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE see: HQ4235750
10-(N-(2-MORPHOLINOETHYL)GLYCYL)PHENOTHIAZINE DIMALEATE see: SP3325800
3-(beta-(N-MORPHOLINO)ETHYLIMINOMETHYL)-1,4-DIMETHYLCARBAZOLE see: QE3475000 4-MORPHOLINEETHANAMINE, N-((1,4-DIMETHYL-9H-CARBAZOL-3-YL)METHYLENE)-
MORPHOLINOETHYL 3-METHYLFLAVONE-8-CARBOXYLATE HYDROCHLORIDE see: DJ2445000
1-(2-MORPHOLINOETHYL)-3-METHYLPYRIDO(3,4-b)PYRAZIN-2(1H)-ONE see: UV1152370
beta-MORPHOLINOETHYLMORPHINE see: QD1575000
O(sup 3)-(2-MORPHOLINOETHYL)MORPHINE see: QD1575000
3-(2-MORPHOLINOETHYL)MORPHINE see: QD1575000
N-2-MORPHOLINOETHYL-5-NITROIMIDAZOLE see: QE7400000
3-(2-MORPHOLINOETHYL)-4-PHENYLSYDNONE MONOHYDROCHLORIDE see: WU7690900

7-(2-MORPHOLINOETHYL)THEOPHYLLINE CAMPHORSULFONATE see: XH6156000
7-(2-MORPHOLINOETHYL)THEOPHYLLINE HYDROCHLORIDE see: XH6155000
5-(m-(MORPHOLINOMETHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE see: HO0565000
5-(o-(MORPHOLINOMETHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE see: HO0565010
5-(p-(MORPHOLINOMETHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE see: HO0565020
2-(MORPHOLINOMETHYL)-5-CHLORODIBENZ(2,3:6,7)-3a,12b-DIHYDROOXEPIN(4,5-d)-1,3-DIOXOLANE see: HQ4235500
2-(MORPHOLINOMETHYL)DIBENZ(2,3:6,7)-3a,12b-DIHYDROOXEPIN(4,5-d)-1,3-DIOXOLANE see: HQ4235800
2-(MORPHOLINOMETHYL)-3a,12b-DIHYDRODIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE see: HQ4235800
N-(1-(MORPHOLINOMETHYL)-2,6-DIOXO-3-PIPERIDYL)PHTHALIMIDE see: TI5609700
N-(1-(MORPHOLINOMETHYL)-2,6-DIOXO-4-PIPERIDYL)PHTHALIMIDE see: TI5609710
MORPHOLINOMETHYLHARNSTOFF (German) see: YT9126000
2-(MORPHOLINOMETHYL)HEXAHYDRO-1-INDANONE HYDROCHLORIDE see: NK7537100
3-MORPHOLINOMETHYL-4-HYDROXYBIPHENYL see: DV7550000 (1,1'-BIPHENYL)-4-OL, 3-(4-MORPHOLINYLMETHYL)-
levo-5-(MORPHOLINOMETHYL)-3-((5-NITROFURFURYLIDENE)AMINO)-2-OXAZOLIDINONE HYDROCHLORIDE see: RQ3640000
5-(MORPHOLINOMETHYL)-3-(((5-NITRO-2-FUROYL)METHYLENE)AMINO)-2-OXAZOLIDINONE see: RQ3641000
5-(MORPHOLINOMETHYL)-3-(((5-NITRO-2-FUROYL)METHYLENE)AMINO)-2-OXAZOLIDINONE HYDROCHLORIDE see: RQ3641500
5-(MORPHOLINOMETHYL)-3-(((5-NITRO-2-FUROYL)METHYLENE)AMINO)-2-OXAZOLIDINONE METHIODIDE see: RQ3642000
5-(MORPHOLINOMETHYL)-3-((5-NITROFURFURYLIDENE)AMINO)-2-OXAZOLIDINONE METHIODIDE see: RQ3640500
5-MORPHOLINOMETHYL-3-(5-NITRO-2-FURFURYLIDINE-AMINO)-2-OXAZOLIDINONE see: RQ3620000
5-MORPHOLINOMETHYL-3-(5-NITROFURFURYLIDINE)AMINO-2-OXAZOLIDINONE HYDROCHLORIDE see: RQ3630000
1-MORPHOLINOMETHYL-2-((p-NITROPHENOXY)METHYL)BENZIMIDAZOLE see: DD9494000
N-MORPHOLINOMETHYL OXYCARBONYLE-3 SPIROLACTONE CHLORHYDRATE (French) see: RP3675300
2-(MORPHOLINOMETHYL)-3-PHENYL-4,5,6,7-TETRAHYDRO-1-INDANONE HYDROCHLORIDE see: NK7539300
2-(MORPHOLINOMETHYL)-4,5,6,7-TETRAHYDRO-1-INDANONE HYDROCHLORIDE see: NK7539100
1-MORPHOLINOMETHYLTHALIDOMIDE see: TI5609700
MORPHOLINOMETHYLUREA see: YT9126000
N'-MORPHOLINOMETHYLUREA, N-2-(p-CHLOROPHENOXY)ISOBUTYRYL- see: TX1410000
4-MORPHOLINO-2-(5-NITRO-2-THIENYL)QUINAZOLINE see: VA1475000
beta-MORPHOLINO-p-OCTANOPHENETIDIDE see: RH1551000
3-MORPHOLINO-4'-(OCTYLOXY)PROPIOPHENONE HYDROCHLORIDE see: UH4388000
4-MORPHOLINO-1-PHENYL-1-(2-THIENYL)-3-BUTEN-2-ONE HYDROCHLORIDE see: EN0270000
1-(beta-MORPHOLINOPROPIONYL)-3-(4'-BROMOPHENYL)-1,2,3,4-TETRAHYDROQUINAZOLIN-4-ONE see: VA3117030
p-(3-(MORPHOLINO)PROPOXY)CARBANILIC ACID BUTYL ESTER HYDROCHLORIDE see: FD9768000
p-(3-(MORPHOLINO)PROPOXY)CARBANILIC ACID ETHYL ESTER HYDROCHLORIDE see: FD9768300
p-(3-(MORPHOLINO)PROPOXY)CARBANILIC ACID HEXYL ESTER HYDROCHLORIDE see: FD9768500
p-(3-(MORPHOLINO)PROPOXY)CARBANILIC ACID PENTYL ESTER HYDROCHLORIDE see: FD9768800
p-(3-(MORPHOLINO)PROPOXY)CARBANILIC ACID PROPYL ESTER HYDROCHLORIDE see: FD9768900
3-MORPHOLINO-4'-PROPOXYPROPIOPHENONE HYDROCHLORIDE see: UH4388200
10-(N-(3-MORPHOLINOPROPYL)-beta-ALANYL)PHENOTHIAZINE DIMALEATE see: SP3332000
gamma-MORPHOLINOPROPYL 4-n-BUTOXYPHENYL ETHER HYDROCHLORIDE see: QD8750000
N-(2-MORPHOLINOPROPYL)CARBANILIC ACID ETHYL ESTER see: FD9768950 CARBANILIC ACID, N-(2-MORPHOLINOPROPYL)-, ETHYL ESTER
N-(2-MORPHOLINOPROPYL)ETHANESULFONANILIDE see: KI7343000 ETHANESULFONANILIDE, N-(2-MORPHOLINOPROPYL)-
10-(N-(3-MORPHOLINOPROPYL)GLYCYL)PHENOTHIAZINE DIMALEATE see: SP3334000
10-(3-MORPHOLINOPROPYL)PHENOTHIAZINE see: SP3330000
10-(3-MORPHOLINOPROPYL)PHENOTHIAZINE HYDROCHLORIDE see: SP3340000
1-(10-(3-MORPHOLINOPROPYL)PHENOTHIAZIN-2-YL)-1-BUTANONE see: EL9216600
1-(10-(3-MORPHOLINOPROPYL)PHENOTHIAZIN-2-YL)-1-BUTANONE FUMARATE see: EL9217000
1-(10-(3-MORPHOLINOPROPYL)PHENOTHIAZIN-2-YL)-1-PROPANONE see: UC3105000
1-(10-(3-MORPHOLINOPROPYL)PHENOTHIAZIN-2-YL)-1-PROPANONE FUMARATE see: UC3110000
3-(3-MORPHOLINOPROPYL)-2-(PHENYLIMINO)-4-THIAZOLIDINONE see: XJ6278000
3-(3-MORPHOLINOPROPYL)-2-(o-TOLYLIMINO)-4-THIAZOLIDINONE see: XJ6279000
3-(3-MORPHOLINOPROPYL)-2-(p-TOLYLIMINO)-4-THIAZOLIDINONE see: XJ6279400
3-(3-MORPHOLINOPROPYL)-2-(2,4-XYLYLIMINO)-4-THIAZOLIDINONE see: XJ6279800
1-(p-(MORPHOLINOSULFONYL)PHENYL)BIGUANIDE MONOHYDROCHLORIDE see: DU2044200
MORPHOLINO-THALIDOMIDE see: TI5609700
MORPHOLINO-beta-THALIDOMIDE see: TI5609710
2-(MORPHOLINOTHIO)BENZOTHIAZOLE see: DL5950000
1-(p-(MORPHOLINOTHIOCARBONYL)PHENYL)BIGUANIDE HYDROCHLORIDE see: DU2044400
4-((MORPHOLINOTHIOCARBONYL)THIO)MORPHOLINE see: QE7159000
MORPHOLIN-u. DIAETHANOLAMIN. 3,5-DIJOD-4-PYRIDON-N-ESSIGSAEURE (German) see: UR8800000
MORPHOLINYLAMIDE DIMETHYL VALERIANIQUE (French) see: QE2920000
MORPHOLINYLAMIDE METHYL-ETHYL CAPROIQUE (French) see: QE4150000
trans-2-(2-(4-MORPHOLINYL)ETHOXY)ETHYL-2,3-DIHYDRO-3-PHENYL-1,4-BENZODIOXIN-2-CARBOXYLATE see: DF3517700
MORPHOLINYLETHYLMORPHINE see: QD1575000
3-(2-(4-MORPHOLINYL)ETHYL)MORPHINE see: QD1575000
MORPHOLINYL ETHYLMORPHINE PHENYLACETATE see: QD1586000
1-(2-N-MORPHOLINYLETHYL)-5-NITROIMIDAZOLE see: QE7400000
MORPHOLINYLMERCAPTOBENZOTHIAZOLE see: DL5950000
3-(4-MORPHOLINYLMETHYL)(1,1'-BIPHENYL)-4-OL see: DV7550000 (1,1'-BIPHENYL)-4-OL, 3-(4-MORPHOLINYLMETHYL)-
4-(4-MORPHOLINYLMETHYL)-N-PHENYL-BENZENAMINE see: QD7880000
4-(4-MORPHOLINYL)-2,3-PENTAMETHYLENEQUINOLINE HYDROCHLORIDE see: GY5899700 1H-CYCLOPENTA(b)QUINOLINE, 2,3-DIHYDRO-3-ETHYL-9-MORPHOLINO-, MONOHYDROCHLORIDE
3-(4-MORPHOLINYL)-1-PROPYL 1,2,3,4-TETRAHYDRO-6-CARBAZOLYLCARBOXYLATE HYDROCHLORIDE see: FE5845000
2-(4-MORPHOLINYLTHIO)BENZOTHIAZOLE see: DL5950000
3-MORPHOLYLAETHYLMORPHIN (German) see: QD1575000
MORPHOSAN see: QD0188900
MORRHUAE see: GG8385000
MORROCID see: GQ5600000
MORSODREN see: OW1750000
MORSYDOMINE see: WU7677400
MORTON EP-227 see: OW1750000
MORTON EP-316 see: FB8050000
MORTON EP 332 see: FC2800000
MORTON EP 333 see: LQ4550000
MORTON EP-161E see: PA9625000
MORTON SOIL DRENCH see: OW1750000
MORTON SOIL-DRENCH-C see: OW1750000
MORTOPAL see: UX6825000
MORYL see: GA0875000
MORZID see: SZ2530000
MOS-708 see: FB4725000
MOSANON see: AZ5820000
MOSATIL see: EV7700000
MOSCARDA see: WM8400000
MOSCHUS KETONE see: GY0950000
MOSE see: QE9470000 MORPHOLINE, 4,4'-SELENODIETHYLENEBIS-
MOSKENE see: NK5045000
MOSS GREEN see: GL6475000
MOSTEN see: UD1842000
MOTAZOMIN see: WU7677400
MOTE-PAT EXTRACT (Indian) see: NZ1900000
MOTHA EXTRACT (Indian) see: GZ8970000
MOTH BALLS see: QJ0525000
MOTH BALLS (DOT) see: QJ0525000
MOTH FLAKES see: QJ0525000
MOTILYN see: ES4316000
MOTIORANGE R see: QL4900000
MOTIROT G see: QL5850000
MOTIROT 2R see: QK4250000
MOTOLON see: VA3850000
MOTOR BENZOL see: CY1400000
MOTOX see: XW5250000
MOTRIN see: MU6640000
MOTTENHEXE see: KI4025000
MOULDRITE A256 see: YU1610000
MOUNTAIN GREEN see: GL6475000
MOUS-CON see: ZH4900000
MOUSE-NOTS see: WL2275000
MOUSE PAK see: GN4550000
MOUSE-RID see: WL2275000
MOUSE-TOX see: WL2275000
MOUTAN CORTEX, extract see: RT1165000
MOVINYL see: AK0920000
MOVINYL 100 see: KV0350000
MOVINYL 114 see: AK0920000
MOVINYL 801 see: AK0920000
MOVINYL 50M see: AK0920000
MOWILITH 30 see: AK0920000
MOWILITH 50 see: AK0920000
MOWILITH 70 see: AK0920000
MOWILITH 90 see: AK0920000
MOWILITH D see: AK0920000
MOWILITH DV see: AK0920000
MOWILITH F see: KV0350000
MOWILITH M70 see: AK0920000
MOWIOL see: TR8100000
MOWIOL N 30-88 see: TR8100000
MOWIOL N 50-98 see: TR8100000
MOWIOL N 70-98 see: TR8100000
MOXIE see: KJ3675000
MOXIPRAQUINA (Spanish) see: TM2676000
MOXIPRAQUINE see: TM2676000
MOXIPRAQUINE DI(HYDROGEN MALEATE) see: TM2676100
MOXISYLYTE HYDROCHLORIDE see: FI1600000
MOXNIDAZOLE see: RQ3644000
MOXONE see: AG6825000
MOZAMBIN see: VA3850000
MP see: UO9800000
MP see: UY5789900
MP 1 see: GN0231000
6 MP see: UO9800000
8-MP see: LV1400000
MP-11 see: HO2840000
MP 12 see: TH8490000 PHTHALANILIC ACID, 2',6'-DIMETHYL-
MP 13 see: TH8760000 PHTHALANILIC ACID, 3'-(TRIFLUOROMETHYL)-
MP 14 see: TH8480000 PHTHALANILIC ACID, 2',3'-DIMETHYL-
MP 620 see: UE6050000
MP 1023 see: DG0888000
MP 12-50 see: WW2710000
MP 25-38 see: WW2710000
MP 45-26 see: WW2710000
MP 1023.1 see: LZ4295880
MPA see: TU5010000
MPA N-(PIPERIDINOMETHYL)IMIDE see: KM7780000
M-PARATHION see: TG0175000
3-MPC see: SC5075000
M.P. CHLORCAPS T.D. see: US6475000
MPCM see: FC8750000
MPD see: UH0525000
MPE see: KE6345000
M-PENTYNOL see: SC4900000
MPF 2 see: YU1610000
MPG see: MA1430000
15M-PGF2-alpha see: MJ9654500
M 4212 (PHARMACEUTICAL) see: DE4093000
MPI-PENICILLIN see: XH9000000
MPK see: SA7875000
MPK 90 see: TR8370000
MP 620 METHYLGLUCAMINE SALT see: UE6100000
MPMT see: XY4395000
MPN see: UI3850000
MPN see: SC1235500
MPNU see: YT8100000
M 2 (POLYMER) see: YU1610000
M 70 (POLYMER) see: YU1610000
MPP see: TF9625000
MPi-PC see: XH9000000
1-MPPN see: UI3340000
6MPR see: UP0700000
MP 1 (REFRACTORY) see: GN0231000
MPS see: TU4154060
MPT see: XU2150000
M. PYRIFORMIS VENOM see: YX3958520
M-PYROL see: UY5790000
MR see: ZF9890000

M3R see: GL5325000
MR 56 see: KM7758000
MR-100 see: DA9700000 BENZENESULFONAMIDE, 4-AMINO-N-2-QUINOXALINYL-, mixt. with 4-HYDROXY-3(3-OXO-1-PHENYLBUTYL)- 2H-1-BENZOPYRAN-2-ONE
MR 714 see: UF1520000
MRA-CN see: QI9405000
MRAVENCAN DI-n-BUTYLCINICITY (Czech) see: WH7125500
MRAVENCAN TRIBENZYLCINICITY (Czech) see: WH8277000
MRC 441 see: TF2070000
MRC 910 see: NI8870000
MRD 108 see: TN0420000
MRD-112 see: LI9870000
MRL-37 see: YE2113440
MRL 41 see: YE0875000
MROWCZAN ETYLU (Polish) see: LQ8400000
M3S see: GL5325000
MS 33 see: WG2933500
MS 53 see: WP0700000
MS. 752 see: XO1605800
MS 1053 see: FB3850000
MS-1112 see: TU3840000
MS 1143 see: FB3850000
MS-4101 see: RQ5831400

QF9750000 MS-ANTIGEN 40
UPDT:8303
TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:6504 mg/kg	NIIRDN 6,125,82
*	ipr-rat LD50:1643 mg/kg	NIIRDN 6,125,82
*	scu-rat LD50:4044 mg/kg	NIIRDN 6,125,82
*	orl-mus LD50:5643 mg/kg	NIIRDN 6,125,82
*	ipr-mus LD50:2342 mg/kg	NIIRDN 6,125,82
*	scu-mus LD50:2018 mg/kg	NIIRDN 6,125,82
*	ivn-mus LD50:841 mg/kg	NIIRDN 6,125,82

MS-BENZANTHRONE see: CK5075000
MSD-92 see: CB9638500
MSD 803 see: EK7907000
MS 33F see: WG2933500
MSG see: MA1575000
MSMA see: PA2625000
MSMED see: GL1224000

QG0440000 M-SUBSTANCE
UPDT:8308 MW: 1697.99 MOLFM: C60-H98-N17-O32-S4
TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:1500 mg/kg	85GDA2 9,192,82
*	ivn-mus LD50:750 mg/kg	85GDA2 9,192,82

QG0443000 M-259 SUBSTANCE
DEF:Isolated from STREPTOMYCES NIGELLUS (NIPDAD (35),1,78)
UPDT:8311
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1470 ug/kg	NIPDAD (35),1,78

MSZYCOL see: GV4900000
MT see: XH5907500
MTs see: FJ5959000
MT-45 see: TL3486500
MT 14-411 see: RQ5831350
MTB see: XH2387000
MTB 51 see: BP7632500
M&T CHEMICALS 1222-45 see: WH6850000
MTD see: TB4970000
MTD see: XS9625000
(D-MTF(sup 6))-LHRH see: OK6591000
(D-MTF(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6591000
MTIC see: NI4000000
MTMC see: FC8050000
M.T.MUCORETTES see: BV8400000
MTQ see: VA3850000
MTTCTP see: DC1947000
MTU see: YR0875000
MTX see: MA1225000
6-MTX (D) see: MA1224000
6-MTX (DL) see: MA1224100
6-MTX-BS see: MA1247000
7-MTX (D) see: MA1224200
7-MTX (DL) see: MA1224600
MTX DISODIUM see: MA1232000
MTX SODIUM see: MA1240000
MUCAESTHIN see: DG4725000
MUCAINE see: AC3325000
MUCIDRIL see: AG0430000
MUCIDRINA see: DO2625000
MUCINASE see: MT7260000
MUCINOL see: JP1292500
MUCITUX see: UC2014000 1-PROPANONE, 3-(4-(2-ETHOXY-2-PHENYLETHYL)-1-PIPERAZINYL)-2-METHYL-1PHENYL-, DIHYDROCHLORIDE
MUCOCHLORIC ACID see: AS7700000
MUCOCHLORIC ANHYDRIDE see: LU5160000
MUCOFLUID see: KI7968000
MUCOLYSIN see: MC0596500
MUCOLYTICUM see: HA1660000
MUCOMYST see: HA1660000
MUCONOMYCIN A see: WH1316810
MUCONOMYCIN B see: YX9822000
MUCORAMA see: DN4200000
MUCOSOLVAN see: GV8425000
MUCOSOLVIN see: HA1660000
MUCOSTOP see: TY8400000
MUCOXIN see: AC3325000

QG1310200 MUCUNA MONOSPERMA DC. ex Wight, extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8412
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T27	orl-rat TDLo:150 mg/kg (12-14D preg)	IJEBA6 18,594,80
1T24	orl-ham TDLo:500 mg/kg (1-5D preg)	IJEBA6 18,594,80

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:250 mg/kg	IJEBA6 18,594,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QG1310300 MUCUNA PRURIENS DC., seed extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:1 gm/kg	IJEBA6 16,228,78

MUGANI EXTRACT (Indian) see: SF0861270
MUGB see: DH1422000
MULHOUSE WHITE see: OG4375000
MULLITE see: BD1450000
MULSIFEROL see: KE1050000
MULTAMAT see: FC1140000
MULTAUN see: TZ0175000
MULTERGAN see: SP0175000
MULTERGAN METHYL SULFATE see: SP0175000
MULTEZIN see: SP0175000
MULTICIDE see: GZ1730000
MULTIFUGE see: TL3485000
MULTIFUGE CITRATE see: TL3485000
MULTIMET see: FC1140000
MULTIN see: AE4200000
MULTIPROP see: LL6070000
MUNA EXTRACT (Indian) see: GP9031300
MUNDISAL see: GA6475000
MURABBA see: DU3000000
MURACIL see: YR0875000
MURATOX see: FB3850000
MURCIL see: DE9450000
MUREL see: BP7600000
MUREX see: FM9450000
MURFOS see: TF4550000
MURFOTOX see: FB3850000
MURFULVIN see: WG9800000
MURIA EXTRACT (Indian) see: RJ8600000
MURIATE of PLATINUM see: TP2275000
MURIATIC ACID see: MW4025000
MURIATIC ACID (DOT) see: MW4025000
MURIATIC ETHER see: KH7525000
MURIOL see: NK5335000
MURITAN see: XX9625000
MUROTOX see: FB3850000
MURPHOTOX see: FB3850000

QG2979000 MURRAYA KOENIGII (Linn.) Spreng., extract excluding roots
DEF:Indian plant belonging to the family RUTACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: METHANIM EXTRACT
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:350 mg/kg	IJEBA6 7,250,69

QG2979200 MURRAYA KOENIGII (Linn.) Spreng., root extract
DEF:Indian plant belonging to the family RUTACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: METHANIM ROOT EXTRACT
TOXICITY DATA AND REFERENCES:

2D35H30	ipr-mus LD50:1000 mg/kg	IJEBA6 7,250,69

MURUTOX see: FB3850000
MURVA EXTRACT (Indian) see: VP6533200
MURVESCO see: DB5600000

QG3157000 MUSA PARADISICA Linn., leaf extract
DEF:Indian plant belonging to the family MUSACEAE (IJEBA6 11,43,73)
UPDT:8305
SYN: KALA, LEAF EXTRACT
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1000 mg/kg	IJEBA6 11,43,73

MUSARIL see: DF0525000
MUSCALM see: UH1575500
MUSCARIN see: QG3325000

QG3325000 MUSCARINE
UPDT:8303 CAS: 300-54-9 MW: 174.30 MOLFM: C9-H20-N-O2
SYN: AMMONIUM, TRIMETHYL(TETRAHYDRO-4-HYDROXY-5-METHYLFURFURYL)- * MUSCARIN * MUSCARINE (the ALKALOID) * MUSKARIN * DL-MUSCARINE * MUSK
TOXICITY DATA AND REFERENCES:

	unk-man LDLo:735 ug/kg	85DCAI 2,73,70
	orl-mus LDLo:750 mg/kg	27ZIAQ -,167,73
1U26	ipr-mus LD50:5 mg/kg	AIPTAK 192,88,71
2F13J25	ivn-mus LD50:230 ug/kg	TOLED5 1000(Sp 1),42,80
	orl-cat LDLo:7 mg/kg	HBAMAK 4,1289,35
	scu-cat LDLo:10 mg/kg	AEXPBL 61,283,09
	ivn-cat LDLo:1100 ug/kg	SCIEAS 144,1100,64
	orl-rbt LDLo:200 mg/kg	AEXPBL 61,283,09
	scu-rbt LDLo:27 mg/kg	AEXPBL 61,283,09

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JMTHBU 58(12),623,75; LLOYA2 38(1),36,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

DL-MUSCARINE see: QG3325000
MUSCARINE (the ALKALOID) see: QG3325000
MUSCATOX see: GN6300000
MUSCIMOL see: NY3325000
MUSCLE ADENYLIC ACID see: AU7480500
MUSCONE see: GY0950000
MUSCULAMINE see: EJ7175000
MUSCULARON see: NO8195000
MUSHRE KATUS EXTRACT (Indian) see: FI4090000
MUSK see: QG3325000
MUSK 36A see: AL3031000
MUSK AMBRETTE see: BZ8575000
MUSKARIN see: QG3325000
MUSKEL see: XJ1050000
MUSKEL-TRANCOPAL see: XJ1050000
MUSKONE see: GY0950000
MUSK R 1 see: JG7521500
MUSK T see: YQ1927500
MUSK TIBETENE see: CZ7220000
MUSK XYLOL see: CZ7210000
MUSK XYLENE see: CZ7210000

QG5223800 MUSSAENDA FRONDOSA Linn. var. GRANDIFOLIA Hook. f., extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 7,250,69)
UPDT:8305
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1000 mg/kg	IJEBA6 7,250,69

QG5223900 MUSSAENDA GLABRA, leaf extract
UPDT:8311
TOXICITY DATA AND REFERENCES:

1D35	ipr-mus LD50:250 mg/kg	CPBTAL 13,882,65

QG5223930 MUSSAENDA GLABRA Vahl. var. ROXBURGHI Hook. f., extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 15,20[illegible],77)
UPDT:[illegible]
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

QG5223970 MUSSEL POISON
DEF:Extract obtained from liver of white mussels, DONAX SERRA (AIPTAK 93,135,53)
UPDT:8310
SYN: DONAX SERRA POISON * POISON, MUSSEL
TOXICITY DATA AND REFERENCES:
1G30 scu-rat LDLo:2 mg/kg AIPTAK 93,135,53
1G30 scu-mus LDLo:2500 ug/kg AIPTAK 93,135,53

N-MUSTARD (German) see: IA2100000
MUSTARD CHLOROHYDRIN see: KK1750000
MUSTARD GAS see: WQ0900000
MUSTARD HD see: WQ0900000
MUSTARD OIL see: NX8225000
MUSTARD, SULFUR see: WQ0900000
MUSTARD VAPOR see: WQ0900000
MUSTARGEN see: IA2100000
MUSTARGEN see: IA1750000
MUSTARGEN HYDROCHLORIDE see: IA2100000
MUSTINE see: IA1750000
MUSTINE HYDROCHLORIDE see: IA2100000
MUSTRON see: IA2275000
MUSUET SYNTHETIC see: RG7850000
MUSUETTINE PRINCIPLE see: RG7850000
MUTABASE see: DK8185000
MUTAGEN see: IA1750000
MUTAMYCIN(MITOMYCIN for INJECTION) see: CN0700000
MUTESA see: AC3325000
MUTHESA see: AC3325000
MUTHMANN'S LIQUID see: KI8225000
MUTOXIN see: KJ3325000
MUZOLIMINE see: UR0370000
MV 119A see: QL0700000
MVNA see: YZ0875000
2M-4X see: AG2625000
MX 4500 see: WL6475000
MX 5514 see: WL6475000
MX 5516 see: WL6475000
MX 5517-02 see: WL6475000
MXDA see: PF8970000
2M-4XP see: UE9755000
MY/68 see: BQ4900000
MY 301 see: TY8400000
MY 33-7 see: UY1229000
MY 41-6 see: CU9060000
MY 40/20 see: NI5635000
MYALEX see: XJ1800000
MYAMBUTOL see: EL3854000
MYAMIN see: RQ2975000
MYANESIN see: TZ1225000
MYANIL see: TZ1225000
MYANOL see: TZ1225000
MYARSENOL see: PB1400000
MYASIN see: TZ1225000
MYASTENIN see: TZ1225000
MYASUL see: WP0400000
MYBASAN see: NS1750000
MY-B-DEN see: AU7480500
MYC 8005 see: CB9639100
MYCAIFRADIN SULFATE see: QP4375000
MYCANDEN see: KO1225000
MYCARDOL see: RZ2620000
MYCELAX see: NI4377000
MYCELEX see: NI4377000
MYCELEX G see: NI4377000

QG8450000 MYCELIN-IMO
UPDT:8308 CAS: 62851-52-9 MW: 324.39 MOLFM: C18-H18-N3-O3
SYN: ANTIBIOTIC 207
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 ug/kg 85ERAY 2,1011,78
* scu-mus LD50:2500 ug/kg 85GDA2 7,43,81

MYCHEL see: AB6825000
MYCIFRADIN-N see: QP4375000
MYCIGIENT see: QP4375000
MYCILAN see: KO1225000
MYCINOL see: AB6825000
MYCIVIN see: RH6315500
MYCOBUTOL see: EL3854000
MYCOCURAN see: TZ1225000
MYCOFARM see: XH9800000
MYCOIN see: LV2625000
MYCOIN ACETATE see: LV2625100
MYCOIN BUTYRATE see: LV2625300
MYCOIN C see: LV2625000
MYCOIN C3 see: LV2625000
MYCOINE C3 see: LV2625000
MYCOIN PROPIONATE see: LV2626000
MYCOLUTEIN see: UQ0800000
MYCOPHENOLIC ACID see: MP8050000
MYCOPHENOLIC ACID DISODIUM SALT see: MP8055000
MYCOPHYT see: TK3325000
MYCOSIN see: LV2625000

QG9380000 MYCOSPOCIDIN
DEF:Produced by S. BOBILIAE (85ERAY 1,303,78)
UPDT:8309 MOLFM: (C20-H32-N2-O9)n
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 ug/kg 85GDA2 5,258,81

MYCOSPOR see: NI3517000
MYCOSPORIN see: NI4377000
MYCOSTATIN see: RF5950000
MYCOSTATIN 20 see: RF5950000

QG9810000 MYCOTHRICIN A
DEF:An antibiotic produced by S. LAVENDULAE (85FZAT -,826,67)
UPDT:8308
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:65 mg/kg ANTCAO 6,675,56

QG9815000 MYCOTHRICIN B
DEF:An antibiotic produced by S. LAVENDULAE (85FZAT -,826,67)
UPDT:8308
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:32500 ug/kg ANTCAO 6,675,56

MYCOTOL see: DL3580000
MYCOTOX see: SN1750000
MYCOTOXIN F2 see: DM2550000
MYCOTOXIN T-2 see: YD0100000
MYCOZOL see: DE0700000
MYCRONIL see: ZH0525000
MYDANTANE see: AU4375000
MYDECAMYCIN see: OH4730600
MYDETON see: UH1575000
MYDFRIN see: DO7525000
MYDOCALM see: UH1575500
MYDOCALM see: UH1575000
MYDRIAL see: SH9000000
MYDRIATIN see: RC2275000
MYDRIATINE see: DN4200000
MYDRIATINE see: RC2975000
MYEBROL see: OP2[illegible]0000
MYELEUKON see: EK[illegible]50000
MYELOBROMOL see: OP2800000
MYELOLEUKON see: EK1750000
MYELOSAN see: EK1750000
MYELOTRAST see: PB2250000
MYELOTRAST DI-N-METHYLGLUCAMINE SALT see: LZ4365000
MYGAL see: NS1225000
MYKOSTIN see: KE1050000
MYLAR see: TR2725000
MYLAR A see: TR2725000
MYLAR C see: TR2725000
MYLAR C-25 see: TR2725000
MYLAR HS see: TR2725000
MYLAR T see: TR2725000
MYLEPSIN see: UV9100000
MYLEPSINUM see: UV9100000
MYLERAN see: EK1750000
MYLIPEN see: XH9450000
MYLIS see: BV8397400 ANDROST-5-EN-17-ONE, 3-beta-HYDROXY-, ESTER with SODIUM SULFATE
MYLON (Czech) see: XI2800000
MYLONE see: XI2800000
MYLONE 85 see: XI2800000
MYLOSAR see: XZ3017500
MYLOSUL see: WP0400000
MYNOSEDIN see: MU6640000
MYOBUTAZOLIDIN see: UQ8276000
MYOCAINE see: TY8400000
MYOCAINE see: TZ1225000
MYOCOL see: AU7175000
MYOCON see: QX2100000
MYOCURAN see: TZ1225000
MYODETENSINE see: TZ1225000
MYODIGIN see: IH2275000
MYOFER 100 see: NI2200000
MYOFLEXINE see: DM5250000
MYOLASTAN see: DF0525000
MYOLAX see: TZ1225000
MYOLYSIN see: TZ1225000
MYOPAN see: TZ1225000
MYOPEN see: TZ1225000
MYOPLEGINE see: GA2360000
MYOPNA see: TZ1225000
MYOPONE see: RJ3725000
6-MYOPOROL see: RA8254000
MYORDIL see: BA7350000
MYORELAX see: TY8400000
MYOSALVARSAN see: PB1400000
MYOSCAINE see: TY8400000
MYOSEDAN see: UR0500000 3H-PYRAZOL-3-ONE, 4-(DIMETHYLAMINO)-1,2-DIHYDRO-1,5-DIMETHYL-2-PHENYL-, compd. with 3-(2- METHOXYPHENOXY)-1,2-PROPANEDIOL (4:3)
MYOSERA see: TZ1225000
MYOSEROL see: TZ1225000
MYOSPAZ see: KI2625000
MYOSTHENINE see: DO2625000
MYOSTIBIN see: CC7930000
MYOSTON see: AU7480500
MYOTEN see: TZ1225000
MYOTOLON see: BV8061000
MYOTRATE '10' see: RZ2620000
MYOTRIPHOS see: AU7416000
MYOXANE see: TZ1225000
MYOXYL see: TZ1225000
MYPROZINE see: TK3325000
MYRAC ALDEHYDE see: GW3350000
MYRAFORM see: KV0350000
MYRCENE see: RG5365000
MYRCENOL see: RH3580000
MYRCENYL ACETATE see: RH3585000

QH4249420 MYRIANTHUS ARBOREUS, bark extract ET12
DEF:Plant belonging to the family URTICACEAE (APFRAD 33,17,75)
UPDT:8307
TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:540 mg/kg APFRAD 33,17,75

QH4249440 MYRIANTHUS ARBOREUS, leaf extract F12 E1
DEF:Plant belonging to the family URTICACEAE (APFRAD 33,17,75)
UPDT:8307
TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:720 mg/kg APFRAD 33,17,75

QH4249460 MYRIANTHUS ARBOREUS, leaf extract F12 E2
DEF:Plant belonging to the family URTICACEAE (APFRAD 33,17,75)
UPDT:8307
TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:533 mg/kg APFRAD 33,17,75

QH4249480 MYRIANTHUS ARBOREUS, leaf extract F12 E3
DEF:Plant belonging to the family URTICACEAE (APFRAD 33,17,75)
UPDT:8307
TOXICITY DATA AND REFERENCES:
1F12 orl-mus LD50:2 gm/kg APFRAD 33,17,75

1F12 ivn-mus LD50:255 mg/kg APFRAD 33,17,75

QH4249500 MYRIANTHUS ARBOREUS, root bark extract ER12
DEF:Plant belonging to the family URTICACEAE (APFRAD 33,17,75)
UPDT:8307
TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:293 mg/kg APFRAD 33,17,75

MYRICA CERIFERA see: ZC0320000

QH4252000 MYRICARIA GERMANICA Desv., extract excluding roots
DEF:Indian plant belonging to the family TAMARIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

MYRICETIN HEXAACETATE see: LK8648000
MYRINGACAINE DROPS see: OW0350000

QH4275000 MYRIOPHYLLUM SPICATUM Linn., extract
DEF:Indian plant belonging to the family HALORAGEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1P02 ipr-rat LD50:350 mg/kg IJEBA6 16,228,78

MYRISTAN DI-n-BUTYLCINICITY (Czech) see: WH6733850

QH4375000 MYRISTIC ACID
UPDT:8403 CAS: 544-63-8 MW: 228.42 MOLFM: C14-H28-O2
SYN: CRODACID * EMERY 655 * HYDROFOL ACID 1495 * HYSTRENE 9014 * n-TETRADECOIC ACID * NEO-FAT 14 * TETRADECANOIC ACID * 1-TRIDECANECARBOXYLIC ACID * UNIVOL U 316S
IRRITATION DATA AND REFERENCES:
skn-hmn 75 mg/3D-I MOD 85DKA8 -,127,77
MUTATION DATA AND REFERENCES:
sln-smc 2500 ppb ANYAA9 407,186,83
TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:43 mg/kg APTOA6 18,141,61
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QH4376400 MYRISTIC ACID, 9-ESTER with 1,1a,alpha,16-beta,4,4a,7a-alpha,7b,8,9,9a-DECAHYDRO-4a-beta,7b- alpha,9-beta,9a-alpha-TETRAHYDROXY-3-(HYDROXYMETHYL)-1,1,6,8-alpha-TETRAMETHYL-5H- CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 9a-ACETATE, mixed with FORMALDEHYDE
UPDT:8305 MW: 646.95 MOLFM: C36-H56-O8 .C-H2-O
SYN: FORMALDEHYDE mixed with 12-O-TETRADECANOYL PHORBOL-13-ACETATE * 12-O-TETRADECANOYL PHORBOL-13-ACETATE mixed with FORMALDEHYDE
MUTATION DATA AND REFERENCES:
otr-mus:fbr 600 ug/L CALEDQ 13,325,81

QH4377000 MYRISTIC ACID, 9-ESTER with 1,1a-alpha,1b-beta,4,4a,7a-alpha,7b,8,9,9a-DECAHYDRO-4a-beta, 7b-alpha,9-beta,9a-alpha-TETRAHYDROXY-3-(HYDROXYMETHYL)-1,1,6,8-alpha-TETRAMETHYL)-5H- CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-5-ONE, 9a-ACETATE
UPDT:8412 MW: 616.92 MOLFM: C36-H56-O8
SYN: 12-O-TETRADECANOYLPHORBOL-13-ACETATE * TPA
IRRITATION DATA AND REFERENCES:
skn-mus 7 ng OPEN ARTODN 44,279,80
MUTATION DATA AND REFERENCES:
cyt-smc 20 ug/L NATUAS 294,263,81
dns-hmn:oth 10 ug/L CNREA8 44,4078,84
dns-hmn:fbr 100 ug/L CNREA8 39,4477,79
dni-hmn:oth 100 ng/L CNREA8 44,875,84
dni-hmn:fbr 20 mg/L JNCIAM 55,801,75
dni-hmn:lym 10 nmol/L ONCOBS 40,273,83
dni-hmn:oth 500 pmol/L CNREA8 44,2421,84
sce-hmn:fbr 1 mg/L MUREAV 92,393,82
sce-rat:fbr 100 gm/L CNREA8 42,1909,82
otr-mus:fbr 100 ug/L CRNGDP 3,279,82
otr-mus:oth 160 nmol/L CRNGDP 4,1507,83
dnd-mus:oth 1600 nmol/L PAACA3 25,151,84
dns-mus-skn 72 nmol/kg CRNGDP 5,135,84
dns-mus:oth 1 mg/L NATUAS 262,402,76
dns-mus:fbr 100 ug/L CNREA8 39,4477,79
dni-mus-skn 680 nmol/kg CNREA8 43,4126,83
cyt-mus:oth 10 nmol/L CALEDQ 16,7,82
otr-ham:emb 100 ug/L DTESD7 8,259,80
dns-ham:oth 160 nmol/L CNREA8 43,4108,83
dni-ham:oth 160 nmol/L CNREA8 43,4108,83
sce-ham:ovr 10 ug/L BJCAAI 45,769,82
sce-ham:lng 10 ug/L BJCAAI 45,769,82
dns-gpg:oth 100 nmol/L CNREA8 42,1975,82
dni-gpg:oth 100 nmol/L CNREA8 42,1975,82
dni-rbt:oth 100 ug/L CRNGDP 3,703,82
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BLFSBY 24,253,83

MYRISTIC ALCOHOL see: XB8655000
MYRISTIC ALDEHYDE see: XB7900000
MYRISTICA OIL see: RJ3694800
MYRISTICIN see: CY2625000

QH4560000 MYRISTOHYDROXAMIC ACID, N-(2-FLUORENYL)-, ACETATE
UPDT:8403 CAS: 63224-45-3 MW: 449.69 MOLFM: C29-H39-N-O3
SYN: N-ACETOXY-2-MYRISTOYL-AMINOFLUORENE * N-(2-FLUORENYL)MYRISTOHYDROXAMIC ACID ACETATE * TETRADECANAMIDE, N-(ACETYLOXY)-N-9H-FLUOREN-2-YL- (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 20 nmol/plate CNREA8 37,1461,77
dns-hmn:fbr 100 mmol/L/5H IJCNAW 16,284,75
TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-rat TDLo:114 mg/kg/6W-I CNREA8 37,1461,77
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

9-MYRISTOYL-1,7,8-ANTHRACENETRIOL see: CB1405000
10-MYRISTOYL-1,8,9-ANTHRACENETRIOL see: CB1405000
1-MYRISTOYLAZIRIDINE see: CM8100000
MYRISTOYLETHYLENEIMINE see: CM8100000
N-MYRISTOYLOXY-AAF see: AL0300000
N-MYRISTOYLOXY-N-ACETYL-2-AMINOFLUORENE see: AL0300000
N-MYRISTOYLOXY-N-MYRISTOYL-2-AMINOFLUORENE see: XB8800000
MYRISTYL ALCOHOL see: XB8655000
MYRISTYL SULFATE, SODIUM SALT see: XB8660000
MYRISTYLTRIMETHYLAMMONIUM BROMIDE see: BT2677000
MYRJ 45 see: TQ5400000

QH5255000 MYRJ 49
UPDT:8405 CAS: 9004-99-3 MOLFM: (C2-H4-O)n-C18-H36-O2
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:10 gm/kg BCFAAI 101,173,62

QH5280000 MYRJ 52
UPDT:8406 CAS: 9004-99-3 MOLFM: (C2-H4-O)n-C18-H36-O2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T75T76 orl-rat TDLo:635 gm/kg (MGN) JONUAI 60,489,56
1T75 orl-rat TDLo:1270 gm/kg (84D pre-21D post) JONUAI 60,489,56
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:37 gm/kg BCFAAI 101,173,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MYRMECIA PYRIFORMIS VENOM see: YX3958520

QH5350000 MYROBALANS TANNIN
UPDT:8401
SYN: TANNIN from MYROBALANS * TERMINALIA CHEBULA RETZ TANNIN
TUMORIGENIC DATA AND REFERENCES:
2V03L60 scu-mus TDLo:750 mg/kg/12W-I BJCAAI 14,147,60
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QH5500000 MYRRH OIL
DEF:Constituents include d-PINENE, DIPENTENE and LIMONENE; found in several species of GUM-RESINCOMMIPHORA (Fam. BURSERACEAE), mainly C. MYRRA, C. ABYSSINICA, and C. SCHINIPERI, preparedby steam distillation of the gum (FCTXAV 14,601,76)
UPDT:8303
SYN: OIL of HEERABOL-MYRRH
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1650 mg/kg FCTXAV 14,621,76

QH5650000 MYRSINE AFRICANA Linn., extract
DEF:Indian plant belonging to the family MYRSINACEAE (IJEBA6 6,232,68)
UPDT:8305
SYN: GHANI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 6,232,68

QH5670000 MYRSINE CAPITELLATA, bark extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:500 mg/kg CPBTAL 13,882,65

QH5690000 MYRSINE SEMISERRATA Wall., extract excluding roots
DEF:Indian plant belonging to the family MYRSINACEAE (IJEBA6 12,512,74)
UPDT:8305
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

QH6000000 MYRTAN TANNIN
UPDT:8401
SYN: EUCALYPTUS REDUNCA TANNIN * TANNIN from MYRTAN
TUMORIGENIC DATA AND REFERENCES:
3V03L60V10 scu-mus TDLo:750 mg/kg/12W-I BJCAAI 14,147,60
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

MYRTECAINE see: YE1695000
MYRTICALORIN see: VM2975000
MYRTICOLORIN see: VM2975000

QH6840000 MYRTIFOLIA, leaf extract
DEF:Aqueous extract of the leaves of RHAMNUS ALATERNUS MYRTIFOLIA (CIFAA3 39(270),99,81)
UPDT:8310
TOXICITY DATA AND REFERENCES:
1H02 ivn-rat LD50:9285 mg/kg CIFAA3 39,99,81

MYRTLE OIL see: RI7900000
MYSEDON see: UV9100000
MYSOLINE see: UV9100000
MYSONE see: GM8960000
MYSTECLIN-F see: BU2625000
MYSTOX WFA see: DV7700000
MYSURAN see: BR9808000
MYSURAN CHLORIDE see: BR9808000
MYTAB see: BT2677000
MYTATRIENEDIOL see: KG7550000
MYTELASE see: BR9808000
MYTELASE CHLORIDE see: BR9808000
MYTICOLORIN see: VM2975000
MYTOMYCIN see: CN0700000
MYTRATE see: DO2625000
MYTROL see: DU8335000
MYVAK see: VH6825000
MYVAX see: VH6825000
MYVIZONE see: AE3850000
MYVPACK see: VH6750000
MYXIN see: SG1660000
MYXOVIROMYCIN see: GY2555000
N-5' see: DG8731000
N-9 see: RB1525000
N 50 see: YU1610000
50N see: TR0400000
N 68 see: KQ8563000
N-252 see: YM3570000
Ni 270 see: QR5950000
N-332 see: NK7538400
N-399 see: CK2990000
N 501 see: NL7715500
N 507 see: NM1300800
N 520 see: NL7447500
N 521 see: NM1300750
N 521 see: XI2800000
N 550 see: NL7762000
N 551 see: NM1300850
N-553 see: UH1575500
N 570 see: NL7312000
N 571 see: NM1300700
N 642 see: QK4900000
N 714 see: XO1050000
N-869 see: FC2100000
N 2404 see: TB0273000
N-2596 see: TA5425000
N 2599 see: TB0280000
N 2788 see: TA6125000
N-2789 see: TA6120000
N 2790 see: TA5950000
N-2860 see: TA5620000
N 3051 see: TA5250000
N 3054 see: TB0400000
N 3727 see: TA7830000
N 3734 see: TA7200000
N 3735 see: TA7210000

N 3736 see: TB1060000
N 3794 see: TA6700000
N 4328 see: TA6825000
N 4330 see: TA5300000
N 4372 see: TZ7750000
N 4446 see: TA5650000
N 4548 see: TA7480000
N 4,556 see: AS4025000
N-4988 see: TA5670000
N 5117 see: WH8700000
N-5196 see: TA5680000
N 7001 see: CB0770000 delta-(sup 9(10),gamma)-ANTHRACENEPROPYLAMINE, N,N,10,10-TETRAMETHYL-
N 7009 see: XO0740000
168N15 see: WL6475000
NA see: QM2100000
NA see: QN2885000
NA-22 see: NI9625000
NA-53 see: DF9700000
NA 97 see: TN4930000
NA-101 see: YU2750000
NA 872 see: GV8425000
NA-872 see: GV8423000
N-1544A see: MV8750000
NA 2765 see: AJ8410000
NAA see: QJ0875000
NAA 800 see: QJ0875000
NAAM see: QJ0590000
NAB see: BV4550000
N.A.B. see: WS3680000
NAB 365 see: DN3180000
NAB 365Cl see: DN3180000
NABAC see: SM0700000
NABAC 25 EC see: SM0700000
NABADIAL see: BV8100000
NABAM see: FA6825000
NABAME (French) see: FA6825000
NABASAN see: FA6825000
NABLEN S 50 see: UD1842000
NABOLIN see: BV8400000
NABU see: GW7191000
NAC see: HA1660000
NAC see: FC5950000
NACARAT see: QK1925000
NACARAT A EXPORT see: QK1925000
NACARAT EXTRA PURE A see: QK1925000
NACCANOL NR see: DB6825000
NACCANOL SW see: DB6825000
NACCONATE 100 see: CZ6300000
NACCONATE 300 see: NQ9350000
NACCONATE H 12 see: NQ9250000
NACCONOL 40F see: DB6825000
NACCONOL 90F see: DB6825000
NACCONOL 98SA see: DB6600000
NACCONOL 35SL see: DB6825000
NACELAN BLUE G see: CB0540000
NACELAN FAST YELLOW CG see: AC3662000
NACIMYCIN see: AH0525000
NACLEX see: DK8400000
NACLEX see: DK9625000
NACRICLASINE see: JI5000000
NACYCLYL see: KG4725000
NAD see: QJ0590000
NA-22-D see: NI9625000
NADAZONE see: UQ8225000
NADEINE see: QD1680000
NADIC METHYL ANHYDRIDE see: RB9100000
NADISAN see: YS4200000
NADIZAN see: YS4200000
NADOLOL see: QJ4870000
NA 1051 (DGT) see: MW6825000
NA 1067 (DOT) see: QX1575000
NA 1120 (DOT) see: EO1400000
NA 1133 (DOT) see: FJ8020000
NA 1133 (DOT) see: FJ8030000
NA 1133 (DOT) see: FJ8010000
NA 1133 (DOT) see: FJ8040000
NA 1136 (DOT) see: GF8630000
NA 1136 (DOT) see: GF8615000
NA 1137 (DOT) see: GF8615000
NA 1137 (DOT) see: GF8630000
NA 1142 (DOT) see: CC2077000
NA 1170 (DOT) see: KQ6300000
NA 1204 (DOT) see: WG9532700
NA 1204 (DOT) see: WG9532720
NA 1230 (DOT) see: PC1400000
NA 1247 (DOT) see: OZ5075000
NA 1268 (DOT) see: DE3030000
NA 1289 (DOT) see: WC2455000
NA 1324 (DOT) see: QW0970000
NA 1325 (DOT) see: CC9450000
NA 1325 (DOT) see: MF4200000
NA 1344 (DOT) see: TJ7877000
NA 1361 (DOT) see: GF8300000
NA 1401 (DOT) see: EV8040000
NA 1421 (DOT) see: VY0688000
NA 1445 (DOT) see: FN9775000
NA 1463 (DOT) see: GB2650000
NA 1463 (DOT) see: GB6650000
NA 1477 (DOT) see: BS4510000
NA 1479 (DOT) see: HX7680000
NA 1479 (DOT) see: HX7700000
NA 1479 (DOT) see: OP0350000
NA 1479 (DOT) see: QU7400000
NA 1487 (DOT) see: WC6064600
NA 1511 (DOT) see: YT4850000
NA 1549 (DOT) see: CC4400000
NA 1549 (DOT) see: CC5150000
NA 1556 (DOT) see: CH4375000
NA 1556 (DOT) see: CH5425000
NA 1557 (DOT) see: CG1330000
NA 1557 (DOT) see: CG1950000
NA 1557 (DOT) see: CG2637000
NA 1557 (DOT) see: CG2638000
NA 1566 (DOT) see: DS2625000
NA 1566 (DOT) see: DS2800000
NA 1574 (DOT) see: CG3380000
NA 1581 (DOT) see: PB6325000
NA 1583 (DOT) see: PB6300000
NA 1648 (DOT) see: AL7700000
NA 1649 (DOT) see: TP4550000
NA 1665 (DOT) see: ZE4682000
NA 1706 (DOT) see: MO5250000
NA 1707 (DOT) see: XG6180000
NA 1707 (DOT) see: XG6600000
NA 1709 (DOT) see: XS9445000
NA 1759 (DOT) see: NO5400000
NA 1759 (DOT) see: XP8700000
NA 1760 (DOT) see: BP8205000
NA 1760 (DOT) see: EC9845000
NA 1760 (DOT) see: GW5775000
NA 1760 (DOT) see: KJ6125000
NA 1760 (DOT) see: KJ6630000
NA 1760 (DOT) see: NO5400000
NA 1760 (DOT) see: NY1400000
NA 1760 (DOT) see: QD7700000
NA 1760 (DOT) see: QU6040000
NA 1760 (DOT) see: TB2100000
NA 1760 (DOT) see: TB6450000
NA 1760 (DOT) see: TD4390000
NA 1760 (DOT) see: TD4400000
NA 1760 (DOT) see: TK8700000
NA 1760 (DOT) see: UF0690000
NA 1760 (DOT) see: XR2500000
NA 1760 (DOT) see: YV6100000
NA 1778 (DOT) see: VV8225000
NA 1789 (DOT) see: MW4030000
NA 1791 (DOT) see: NH3486300
NA 1791 (DOT) see: TT2825000
NA 1794 (DOT) see: OG0835000
NA 1807 (DOT) see: TH3945000
NA 1811 (DOT) see: TS6650000
NA 1831 (DOT) see: WS5605000
NA 1902 (DOT) see: TB7875000
NA 1942 (DOT) see: BR9050000
NA 1954 (DOT) see: PA8220000
NA 1954 (DOT) see: PA8250000
NA 1954 (DOT) see: PA8260000
NA 1954 (DOT) see: PA8280000
NA 1954 (DOT) see: PA8278000
NA 1955 (DOT) see: PB6340000
NA 1956 (DOT) see: TZ3400000
NA 1967 (DOT) see: TF5075000
NA 1980 (DOT) see: MH6550000
NA 1986 (DOT) see: UK5075000
NA 1986 (DOT) see: VM1655000
NA 1989 (DOT) see: CU4[illegible]75000
NA 1993 (DOT) see: GF8615000
NA 1993 (DOT) see: QU7900000
NA 1999 (DOT) see: CI9900000
NA 1999 (DOT) see: CI9905000
NA 2006 (DOT) see: QW0970000
NA 2020 (DOT) see: SM6300000
NA 2020 (DOT) see: SN1290000
NA 2022 (DOT) see: PY8500000
NA 2025 (DOT) see: OW8810000
NA 2059 (DOT) see: QW0970000
NA 2059 (DOT) see: QW0975200
NA 2085 (DOT) see: DM8575000
NA 2091 (DOT) see: MX2430000
NA 2121 (DOT) see: SD8170000
NA 2129 (DOT) see: SD8430000
NA 2131 (DOT) see: SD8927000
NA 2133 (DOT) see: SD9800000
NA 2134 (DOT) see: SD9800000
NA 2215 (DOT) see: OM9625000
NA 2291 (DOT) see: ED2700000
NA 2291 (DOT) see: OF9450000
NA 2291 (DOT) see: OG4375000
NA 2291 (DOT) see: OG4550000
NA 2291 (DOT) see: XL1538000
NA 2422 (DOT) see: EM8980000
NA 2443 (DOT) see: XR1926400
NA 2449 (DOT) see: RO2670000
NA 2449 (DOT) see: RO2750000
NA 2465 (DOT) see: XZ1900010
NA 2553 (DOT) see: GF8635000
NA 2555 (DOT) see: QW0975100
NA 2570 (DOT) see: EU9810000
NA 2570 (DOT) see: EV0175000
NA 2584 (DOT) see: DB6600000
NA 2626 (DOT) see: FN9750000
NA 2672 (DOT) see: BQ9625000
NA 2683 (DOT) see: BS4900000
NA 2693 (DOT) see: EV9290000
NA 2693 (DOT) see: TT4920000
NA 2693 (DOT) see: UX8225000
NA 2693 (DOT) see: VZ2000000
NA 2693 (DOT) see: WT3595000
NA 2757 (DOT) see: FB9450000
NA 2757 (DOT) see: FC0700000
NA 2757 (DOT) see: FC5775000
NA 2757 (DOT) see: FC5950000
NA 2759 (DOT) see: ED3880000
NA 2761 (DOT) see: DC8400000
NA 2761 (DOT) see: GV4900000
NA 2761 (DOT) see: IO1575000
NA 2761 (DOT) see: IO1750000

NA 2761 (DOT) see: IO2100000
NA 2761 (DOT) see: KI0700000
NA 2761 (DOT) see: KJ3325000
NA 2761 (DOT) see: KJ3675000
NA 2761 (DOT) see: PC0700000
NA 2761 (DOT) see: PC8575000
NA 2761 (DOT) see: QL7525000
NA 2761 (DOT) see: RB9275000
NA 2761 (DOT) see: XW5250000
NA 2762 (DOT) see: IO2100000
NA 2762 (DOT) see: PB9800000
NA 2765 (DOT) see: AG6825000
NA 2765 (DOT) see: AJ8400000
NA 2765 (DOT) see: WT2900000
NA 2767 (DOT) see: YS8925000
NA 2769 (DOT) see: DG7525000
NA 2769 (DOT) see: DI3500000
NA 2771 (DOT) see: JO1400000
NA 2783 (DOT) see: GN6300000
NA 2783 (DOT) see: GQ5250000
NA 2783 (DOT) see: TA0700000
NA 2783 (DOT) see: TB9450000
NA 2783 (DOT) see: TC0350000
NA 2783 (DOT) see: TD5775000
NA 2783 (DOT) see: TD9275000
NA 2783 (DOT) see: TE1925000
NA 2783 (DOT) see: TE4550000
NA 2783 (DOT) see: TF3325000
NA 2783 (DOT) see: TF4550000
NA 2783 (DOT) see: TF4920000
NA 2783 (DOT) see: TF6300000
NA 2783 (DOT) see: TG0175000
NA 2783 (DOT) see: TG0245000
NA 2783 (DOT) see: TG0246000
NA 2783 (DOT) see: UX6825000
NA 2783 (DOT) see: UX7051000
NA 2783 (DOT) see: WM8400000
NA 2783 (DOT) see: XF1577000
NA 2801 (DOT) see: GF8620000
NA 2809 (DOT) see: OV4550000
NA 2810 (DOT) see: CG3200000
NA 2811 (DOT) see: OG1225000
NA 2811 (DOT) see: VT0200010
NA 2811 (DOT) see: WI4300000
NA 2813 (DOT) see: OJ5565000
NA 2821 (DOT) see: SJ3325000
NA 2845 (DOT) see: TB2465000
NA 2845 (DOT) see: TB2475000
NA 2902 (DOT) see: GZ1925000
NA 2922 (DOT) see: TD1830000
NA 2922 (DOT) see: WE1900000
NA 2923 (DOT) see: WE1900000
NA 2924 (DOT) see: EM4730000
NA 9011 (DOT) see: EX1055000
NA 9018 (DOT) see: KV9460000
NA 9026 (DOT) see: SK6650000
NA 9037 (DOT) see: KI4025000
NA 9069 (DOT) see: PA6700000
NA 9077 (DOT) see: AU8400000
NA 9079 (DOT) see: AF3675000
NA 9080 (DOT) see: CG0850000
NA 9080 (DOT) see: DG3378000
NA 9081 (DOT) see: BO8600000
NA 9083 (DOT) see: EY8575000
NA 9084 (DOT) see: BP1925000
NA 9085 (DOT) see: BP4550000
NA 9086 (DOT) see: GB2880000
NA 9087 (DOT) see: GE7573000
NA 9088 (DOT) see: BQ6100000
NA 9089 (DOT) see: WO6125000
NA 9090 (DOT) see: WT3505000
NA 9091 (DOT) see: WW8050000
NA 9092 (DOT) see: XK7875000
NA 9093 (DOT) see: XN6465000
NA 9094 (DOT) see: DG0875000
NA 9096 (DOT) see: GB2750000
NA 9097 (DOT) see: DB6620000
NA 9099 (DOT) see: GW5075000
NA 9100 (DOT) see: GB7200000
NA 9101 (DOT) see: AG2975000
NA 9102 (DOT) see: GB5250000
NA 9103 (DOT) see: GF9595000
NA 9104 (DOT) see: LQ7450000
NA 9105 (DOT) see: WO5966570
NA 9106 (DOT) see: AG3480000
NA 9109 (DOT) see: GL8800000
NA 9110 (DOT) see: WS7130000
NA 9111 (DOT) see: WW8039000
NA 9117 (DOT) see: AH4025000
NA 9118 (DOT) see: GE7540000
NA 9119 (DOT) see: LJ8932000
NA 9120 (DOT) see: NO6865000
NA 9121 (DOT) see: NO8505000
NA 9122 (DOT) see: WS5850000
NA 9125 (DOT) see: NO8500000
NA 9126 (DOT) see: LS9625000
NA 9127 (DOT) see: NT4500000
NA 9134 (DOT) see: GB2915000
NA 9137 (DOT) see: QK8750000
NA 9138 (DOT) see: WS6050000
NA 9139 (DOT) see: QR6475000
NA 9140 (DOT) see: QR7040000
NA 9142 (DOT) see: GB2940000
NA 9145 (DOT) see: GB2955000
NA 9146 (DOT) see: DB6825000
NA 9147 (DOT) see: WC4500000
NA 9148 (DOT) see: TC9490000
NA 9149 (DOT) see: GB3240000
NA 9151 (DOT) see: DB6700000
NA 9152 (DOT) see: YW1925000
NA 9153 (DOT) see: AK1500000
NA 9154 (DOT) see: ZG9150000
NA 9155 (DOT) see: ED6040000
NA 9156 (DOT) see: ZH1150000
NA 9157 (DOT) see: FG3375000
NA 9158 (DOT) see: ZH3500000
NA 9159 (DOT) see: LR0550000
NA 9160 (DOT) see: DB7120000
NA 9161 (DOT) see: ZH5260000
NA 9162 (DOT) see: ZH7028400
NA 9163 (DOT) see: ZH9100000
NA 9170 (DOT) see: XO6400000
NA 9171 (DOT) see: XO6825000
NA 9173 (DOT) see: YR4720000
NA 9174 (DOT) see: YR4722000
NA 9175 (DOT) see: YR3490000
NA 9177 (DOT) see: YR3805000
NA 9178 (DOT) see: YR3850000
NA 9180 (DOT) see: YR3675000
NA 9185 (DOT) see: TP6670000
NA 9190 (DOT) see: SD6400000
NA 9191 (DOT) see: FN9750000
NA 9201 (DOT) see: CC5650000
NADOXOLOL HYDROCHLORIDE see: ES5222000
NADOZONE see: UQ8225000
NAFCAPROIC ACID see: QJ0930900
NAFEEN see: WB0350000
NAFENOIC ACID see: UF6125000
NAFENOPIN see: UF6125000
NAFKA see: VL8020000
NAFKA CRYSTAL GUM see: VL8020000
NAFKA KRISTALGOM see: VL8020000
NAFOXIDINE see: UY0880000
NAFOXIDINE HYDROCHLORIDE see: UY0881100
NAFRINE see: SK1225000
NAFRONYL see: LU5800000
NAFTALEN (Polish) see: QJ0525000
NAFTALOFOS see: QK5775000
NAFTIDROFURYL see: LU5800000
beta-NAFTILAMINA (Italian) see: QM2100000
1-NAFTILAMINA (Spanish) see: QM1400000
1-NAFTIL-TIOUREA (Italian) see: YT9275000
beta-NAFTOL (Dutch) see: QL2975000
2-NAFTOL (Dutch) see: QL2975000
beta-NAFTOLO (Italian) see: QL2975000
2-NAFTOLO (Italian) see: QL2975000
alpha-NAFTYLAMIN (Czech) see: QM1400000
beta-NAFTYLAMIN (Czech) see: QM2100000
1-NAFTYLAMINE (Dutch) see: QM1400000
2-NAFTYLAMINE (Dutch) see: QM2100000
alpha-NAFTYL-N-METHYLKARBAMAT (Czech) see: FC5950000
beta-NAFTYLOAMINA (Polish) see: QM2100000
1-NAFTYLTHIOUREUM (Dutch) see: YT9275000
NAFUSAKU see: QJ0875000
NAGAL KUDA EXTRACT (Indian) see: KF1252000
NAGANIN see: QM7000000
NAGANINE see: QM7000000
NAGANOL see: QM7000000
NAGARMOTHA OIL (Indian) see: RI7188600 OIL of CYPERUS SCARIOSUS (R.Br.)
NAGARMUSTA OIL (Indian) see: RI7188600 OIL of CYPERUS SCARIOSUS (R.Br.)
NAGARMUTHA RHIZOME EXTRACT (Indian) see: GZ8980000
NAGARSE see: CO9550000
NAGATRY EXTRACT (Indian) see: VP6534500
NAGAVEDI EXTRACT (Indian) see: VR1690000
NAGDAUN EXTRACT (Indian) see: RX4780000
NAGENT see: LY3860000
NAGENTIS see: LY3860000
NAGETTA, extract (Indian) see: MD7179700 GORDONIA OBTUSA Wall., extract excluding roots
NAGRAVON see: GG3750000
NAH see: QT0525000
NAH 80 see: WB3910000
NAHALDELI EXTRACT (Indian) see: GE4180000
NAHOR EXTRACT (Indian) see: OX8020000
NAIBAHERA EXTRACT (Indian) see: EW9600000
NAIRIT see: EI9660000
NAIXAN see: UF5275000 PROPIONIC ACID, 2-(METHOXY-2-NAPHTHYL)-, (+)-
NAJA HAJE VENOM see: YX3975000
NAJA NAJA ATRA PLA 2 see: SZ6115300
NAJA NAJA ATRA VENOM see: YX4195600
NAJA NAJA SPUTATRIX VENOM see: YX4182050
NAJA NAJA VENOM see: YX4180000
NAJA NIGRICOLLIS VENOM see: YX4410000
NAK-CHIKANI, extract (Indian) see: FJ8900000 CENTIPEDA MINIMA (L.) A. Br. & Aschers.,extract
NAKHCHIKNI EXTRACT (Indian) see: FJ8900000
NAKIRA EXTRACT (Indian) see: ZE1552000
NAKO BROWN R see: SJ5075000
NAKO H see: SS8050000
NAKO TEG see: SJ4900000
NAKO TGG see: VG9625000
NAKO TMT see: XS9625000
NAKO TRB see: QL2800000
NAKO TSA see: ST2705000
NAKO YELLOW 3GA see: SJ4950000
NAKUL, extract (Indian) see: CI4590000 ARUNDO DONAX Linn., extract
NAKVA see: DK8925000
NALAUSEREKI EXTRACT (Indian) see: TJ1805000
NALCAMINE G-13 see: NJ2800000
NALCO 680 see: BD1600000
NALCOAG see: VV7310000
NALCON 243 see: XI2800000
NALDE see: PB0870200
NALED see: TB9450000
NALED (DOT) see: TB9450000
NALFLOC 636 see: AT4680000
NALFON see: CY1678900
NALGESIC see: CY1678900

NALIDIC ACID see: QN2885000
NALIDICRON see: QN2885000
NALIDIXIC ACID see: QN2885000
NALIDIXIN see: QN2885000
NALINE HYDROCHLORIDE see: QC7710000
NALITUCSAN see: QN2885000
NALKIL see: YQ9100000
NALLABENDA EXTRACT (Indian) see: ZB8435000
(D-NAL(1)(sup 6))-LHRH see: OK6592000
(D-NAL(2)(sup 6))-LHRH see: OK6593000
NALLINE see: QC7700000
(D-NAL(1)(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6592000
(D-NAL(2)(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6593000
(NAL(1)(sup 3)-D-NAL(2)(sup 6)-PRO-NHEt(sup 9))-LHRH see: OK6594000
(NAL(1)(sup 3)-D-NAL(2)(sup 6)-PRO-NHEt(sup 9))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6594000
(D-NAL(2)(sup 6)-NMe-LEU(sup 7))-LHRH see: OK6595000
(D-NAL(2)(sup 6)-NMe-LEU(sup 7))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6595000
(D-NAL(2)(sup 6)-NMe-LEU(sup 7)-PRO-NHEt(sup 9))-LHRH see: OK6596000
(D-NAL(2)(sup 6)-NMe-LEU(sup 7)-PRO-NHEt(sup 9))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6596000
NALORFINA see: QC7700000
NALORPHINE see: QC7700000
NALORPHINE HYDROCHLORIDE see: QC7710000
NALORPHINIUM see: QC7700000
NALOX see: NI5600000
NALOXIPHAN see: QD0350000
NALOXONE see: QD2260000
l-NALOXONE see: QD2260000
NALOXONE HYDROCHLORIDE see: QD2275000
(D-NAL(2)(sup 6)-PRO-NHEt(sup 9))-LHRH see: OK6597000
(D-NAL(2)(sup 6)-PRO-NHEt(sup 9))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6597000
NALTREXONE see: QD2155000
NALUTORAL see: TU5570250
NALUTRON see: TW0175000
NAM see: QS3675000
NAMATE see: PA2275000
NAMBHANTUR EXTRACT (Indian) see: GQ2612000
NAMEKIL see: XF9900000
NAMPHEN see: CB4550000
NAMURON see: CC2975000
5-NAN see: AB1060000
NANA EXTRACT (Indian) see: OE0180000
NANAOMYCIN 3 see: QL6126000
NANCHOR see: TG0525000
NANDERVIT-N see: QS3675000
NANDROLON see: KG7964000
NANDROLONE see: KG7964000
NANDROLONE DECANOATE see: KG7967000
NANDROLONE PHENPROPIONATE see: KG7995000
NANDROLONE PHENYLPROPIONATE see: KG7995000
NANDRON see: UR6493200 3(2H)-PYRIDAZINONE, 4-ETHOXY-2-METHYL-5-MORPHOLINO-
NANKAI ACID ORANGE I see: DB7085000
NANKAI DIRECT FAST YELLOW A see: GD0197800
NANKER see: TG0525000
NANKOR see: TG0525000
NANM see: QC7700000
NANSA 1042P see: DB6600000
NAOTIN see: QT0525000
NAP see: CC6650000
N.A.P. see: CD2995850
NAPA see: AE1974350
NAPA see: AE4200000
NAPACETIN see: MU6640000
NAPAFEN see: AE4200000
NAPAP see: AE4200000
NAPCLOR-G see: SM6490000
NAPELLONINE see: WG0780000
NAPENTAL see: CQ6125000
NAPHAZOLINE HYDROCHLORIDE see: NJ4375000
NAPHCON see: NJ4375000
NAPHCON FORTE see: NJ4375000
NAPHID see: QK8750000
NAPHTA (DOT) see: DE3030000
NAPHTAMINE BLUE 2B see: QJ6400000
NAPHTAMINE BLUE 2B see: QJ6475000
NAPHTAMINE BLUE 3BX see: QJ6475000
NAPHTAMINE BLUE 10G see: QJ6420000
NAPHTAMINE SKY BLUE DD see: QJ6430000
NAPHTAMINE VIOLET N see: QK1420000
NAPHTENATE DE COBALT (French) see: QK8925000
NAPHTHA see: DE3030000
NAPHTHA see: VL8047000

QI7610000 2-NAPHTHACENECARBOXAMIDE, N-((4-(AMIDINOAMIDINO)-1-PIPERAZINYL)METHYL)-4-(DIMETHYLAMINO)- 1,4,4a,5,5a,6,11,12a-OCTAHYDRO-3,6,10,12,12a-PENTAHYDROXY-6-METHYL-1,11-DIOXO-
UPDT:8407 CAS: 16545-11-2 MW: 626.75 MOLFM: C29-H38-N8-O8
SYN: GUAMECICLINA (Italian) * GUAMECYCLINE * TETRABIGUANIDE * XANTHOMYCIN A * XANTOMICINA

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:250 ug/kg	85GDA2 2,290,80
*	ivn-mus LD50:160 ug/kg	85ERAY 1,182,78

QI7630000 2-NAPHTHACENECARBOXAMIDE, 4,7-BIS(DIMETHYLAMINO)-1,4,4a,5,5a,6,11,12a-OCTAHYDRO-3,10,12,12a- TETRAHYDROXY-1,11-DIOXO-
UPDT:8407 CAS: 10118-90-8 MW: 457.53 MOLFM: C23-H27-N3-O7
SYN: CL 59806 * 7-DIMETHYLAMINO-6-DEMETHYL-6-DEOXYTETRACYCLINE * MINOCYCLIN * MINOCYCLINE

MUTATION DATA AND REFERENCES:

	dni-hmn:lym 3750 ug/L	BCPHBM 16,127,83

TOXICITY DATA AND REFERENCES:

3M05M13M14	orl-wmn TDLo:100 mg/kg	BMJOAE 1,524,79
*	orl-mus LD50:3100 mg/kg	85ERAY 1,501,78
*	ipr-mus LD50:310 mg/kg	85ERAY 1,501,78
*	ivn-mus LD50:140 mg/kg	85ERAY 1,501,78
3F08F13Q01	ice-mus LD50:38 mg/kg	CHTHBK 26,196,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QI7650000 2-NAPHTHACENECARBOXAMIDE, 7-CHLORO-4-(DIMETHYLAMINO)-1,4,4a,5,5a,6,11,12a-OCTAHYDRO- 3,6,10,12,12a-PENTAHYDROXY-1,11-DIOXO-
UPDT:8403 CAS: 127-33-3 MW: 464.89 MOLFM: C21-H21-Cl-N2-O8
SYN: 7-CHLORO-6-DEMETHYLTETRACYCLINE * CHLORTETRACYCLINE, 6-DEMETHYL- * DEMECLOCYCLINE * DECLOMYCIN * DEMETHYLCHLOROTETRACYCLINE * 6-DEMETHYLCHLOROTETRACYCLINE * 6-DEMETHYL-7-CHLOROTETRACYCLINE * DEMETHYLCHLORTETRACYCLIN * DEMETHYLCHLORTETRACYCLINE * 6-DEMETHYLCHLORTETRACYCLINE * 6-DEMETHYL-7-CHLORTETRACYCLINE * DEMETHYLCHLORTETRACYCLINE BASE * DMCT * LEDERMYCIN * METHYLCHLORTETRACYCLINE * MEXOCINE * RP 10192 * TETRACYCLINE, 7-CHLORO-6-DEMETHYL-

MUTATION DATA AND REFERENCES:

	dni-hmn:lym 3750 ug/L	BCPHBM 16,127,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T87	unk-wmn TDLo:240 mg/kg (1-39W preg)	JAMAAP 188,178,64
3T43T44T76	orl-rat TDLo:5 gm/kg (1-22D preg/21D post)	AJOMAZ 10,89,73
1T87	orl-rat TDLo:5 gm/kg (1-22D preg/21D post)	AJOMAZ 10,89,73

TOXICITY DATA AND REFERENCES:

2N25Y54	orl-hmn TDLo:420 mg/kg/6W	AIMEAS 79,679,73
3R03R22S16	orl-hmn TDLo:10 mg/kg	BMJOAE 2,96,77
2M10M16	orl-hmn TDLo:68 mg/kg/8D	CTCEA9 15,734,73
*	ipr-rat LD50:358 mg/kg	NIIRDN 6,497,82
*	ipr-mus LD50:454 mg/kg	NIIRDN 6,497,82
	ivn-mus LD50:79 mg/kg	RPOBAR 2,281,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QI7700000 2-NAPHTHACENECARBOXAMIDE, 7-CHLORO-4-(DIMETHYLAMINO)-1,4,4a,5,5a,6,11,12a-OCTAHYDRO- 3,6,10,12,12a-PENTAHYDROXY-1,11-DIOXO-, MONOHYDROCHLORIDE
UPDT:8403 CAS: 64-73-3 MW: 501.35 MOLFM: C21-H21-Cl-N2-O8 .Cl-H
SYN: 7-CHLORO-6-DEMETHYLTETRACYCLINE HYDROCHLORIDE * CLORTETRIN * DECLOMYCIN HYDROCHLORIDE * DEMECLOCYCLINE HYDROCHLORIDE * DEMETHYLCHLOROTETRACYCLINE HYDROCHLORIDE * DEMETHYLCHLORTETRACYCLINE HYDROCHLORIDE * DEMETRACICLINA * DETRAVIS * LEDERMYCIN HYDROCHLORIDE * MECICLIN * MEXOCINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T91	unk-wmn TDLo:48 ug/kg (28W preg)	PEDIAU 34,423,64

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2372 mg/kg	TXAPA9 18,185,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QI7750000 2-NAPHTHACENECARBOXAMIDE, 7-CHLORO-4-(DIMETHYLAMINO)-1,4,4a,5,5a,6,11,12a-OCTAHYDRO- 3,6,10,12,12a-PENTAHYDROXY-6-METHYL-1,11-DIOXO-
UPDT:8401 CAS: 57-62-5 MW: 478.92 MOLFM: C22-H23-Cl-N2-O8
SYN: ACRONIZE * AUREOCINA * AUREOMYCIN * AUREOMYCIN A-377 * AUREOMYKOIN * BIOMITSIN * BIOMYCIN * 7-CHLOROTETRACYCLINE * CHLORTETRACYCLINE * CHRYSOMYKINE * CTC * DUOMYCIN * FLAMYCIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27	scu-mus TDLo:372 mg/kg (1-6D preg)	ASPHAK 23,481,69

TOXICITY DATA AND REFERENCES:

	ipr-rat LDLo:335 mg/kg	CLDND*
*	ivn-rat LD50:118 mg/kg	ANYAA9 51,182,48
	orl-mus LD50:2500 mg/kg	ARZNAD 5,1,55
	ipr-mus LDLo:192 mg/kg	CLDND*
*	scu-mus LDLo:400 mg/kg	ANYAA9 51,182,48
*	ivn-mus LD50:102 mg/kg	ANYAA9 51,182,48
3F08F13Q01	ice-mus LD50:48 mg/kg	CHTHBK 26,196,80
1K12	orl-dog LDLo:750 mg/kg	AAGAAW -,595,60
	ivn-dog LD50:150 mg/kg	HBTXAC 5,52,59
	ipr-gpg LDLo:1800 mg/kg	ANTBAL 20,793,75
*	ivn-gpg LDLo:100 mg/kg	ANYAA9 51,182,48

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QI7800000 2-NAPHTHACENECARBOXAMIDE, 7-CHLORO-4-(DIMETHYLAMINO)-1,4,4a,5,5a,6,11,12a-OCTAHYDRO- 3,6,10,12,12a-PENTAHYDROXY-6-METHYL-1,11-DIOXO-, MONOHYDROCHLORIDE
UPDT:8403 CAS: 64-72-2 MW: 515.38 MOLFM: C22-H23-Cl-N2-O8 .Cl-H
SYN: AUREOCICLINA * AUREOCYCLINE * AUREOMYCIN HYDROCHLORIDE * AUXEOMYCIN * CHLOROTETRACYCLINE HYDROCHLORIDE * CHLORTETRACYCLINE HYDROCHLORIDE * CLOROTETRACICLINA CLORIDRATO (Italian) * ISPHAMYCIN * NSC-13252 * U-6780

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T75T81	scu-mus TDLo:1125 mg/kg (10-18D preg)	CRSBAW 161,300,67

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:10300 mg/kg	TXAPA9 18,185,71
*	orl-mus LD50:2740 mg/kg	FRPSAX 10,197,55
	ipr-mus LD50:197 mg/kg	RPOBAR 2,278,70
	scu-mus LDLo:1000 mg/kg	ANYAA9 51,254,48
	ivn-mus LD50:101 mg/kg	RPOBAR 2,278,70
	ivn-dog LDLo:150 mg/kg	ANYAA9 51,254,48

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QI7830000 2-NAPHTHACENECARBOXAMIDE, 7-CHLORO-4-(DIMETHYLAMINO)-1,4,4a,5,5a,6,11,12a-OCTAHYDRO- 3,5,10,12,12a-PENTAHYDROXY-6-METHYLENE-1,11-DIOXO-
UPDT:8412 CAS: 2013-58-3 MW: 476.90 MOLFM: C22-H21-Cl-N2-O8
SYN: GS 2989 * MECLOCICLINA (Italian) * MECLOCYCLINE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:425 mg/kg	GICTAL 17,276,70

QI7875000 2-NAPHTHACENECARBOXAMIDE, 4-(DIMETHYLAMINO)-1,4,4a,5,5a,6,11,12a-OCTAHYDRO-3,5,6,10,12,12a- HEXAHYDROXY-6-METHYL-1,11-DIOXO-
UPDT:8412 CAS: 79-57-2 MW: 460.48 MOLFM: C22-H24-N2-O9
SYN: BIOSTAT * BIOSTAT PA * 5-HYDROXYTETRACYCLINE * NCI-C56473 * OTC * OXITETRACYCLIN * OXYMYKOIN * OXYTERRACIN * OXYTERRACINE * OXYTERRACYNE * OXYTETRACYCLINE * OXYTETRACYCLINE AMPHOTERIC * RIOMITSIN * RYOMYCIN * TAOMYCIN * TAOMYXIN * TERRAFUNGINE * TERRAMITSIN * TERRAMYCIN * TETRACYCLINE, 5-HYDROXY- * TETRAN

MUTATION DATA AND REFERENCES:

	spm-rat-unk 80 mg/kg/8D	JOURAA 112,348,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T87	unk-wmn TDLo:420 mg/kg (1-39W preg)	JAMAAP 188,178,64
3T26T34T35	scu-rat TDLo:1 gm/kg (6-10D preg)	OSDIAF 14,107,65
2T42T53	scu-rat TDLo:1 gm/kg (6-10D preg)	OSDIAF 14,107,65
2T33T39	ivn-rat TDLo:800 mg/kg (10-14D preg)	AEMBAP 27,291,72
3T25T46T45	ims-dog TDLo:643 mg/kg (18-48D preg)	THERAP 23,1247,68
3T50T53T59	ims-dog TDLo:643 mg/kg (18-48D preg)	THERAP 23,1247,68
1T25	ims-rbt TDLo:789 mg/kg (10-28D preg)	THERAP 23,1247,68

TOXICITY DATA AND REFERENCES:

2P01R03	orl-man TDLo:114 mg/kg/4D	JAMAAP 231,734,75
1Q01	par-inf TDLo:136 mg/kg	LANCAO 1,827,62
*	orl-rat LD50:4800 mg/kg	85ERAY 1,501,78
*	ivn-rat LD50:260 mg/kg	85ERAY 1,501,78

	orl-mus LD50:2240 mg/kg	ARZNAD 5,1,55
	ipr-mus LD50:5706 mg/kg	ANTBAL 20,793,75
*	scu-mus LD50:700 mg/kg	85GDA2 3,44,80
	ivn-mus LD50:140 mg/kg	ARZNAD 5,1,55
3F07F15J30	ivn-dog LDLo:220 mg/kg	ANTCAO 3,1015,53
	ipr-gpg LDLo:2250 mg/kg	ANTBAL 20,793,75

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJMEAZ 38,409,65; CRTXB2 2,159,73; ADTEAS 2,239,67
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QI8225000 2-NAPHTHACENECARBOXAMIDE, 4-(DIMETHYLAMINO)-1,4,4a,5,5a,6,11,12a-OCTAHYDRO-3,5,6,10,12,12a- HEXAHYDROXY-6-METHYL-1,11-DIOXO-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 2058-46-0 MW: 496.94 MOLFM: C22-H24-N2-O9 Cl-H
SYN: BISOLVOMYCIN * HYDROCYCLIN * 5-HYDROXYTETRACYCLINE HYDROCHLORIDE * LIQUAMYCIN INJECTABLE * NSC 9169 * OTETRYN * OXLOPAR * OXYJECT 100 * OXYTETRACYCLINE HYDROCHLORIDE * TERRAMYCIN HYDROCHLORIDE * TETRAMINE * TETRAN HYDROCHLORIDE
MUTATION DATA AND REFERENCES:

	dnd-bcs 10 umol/L	BIORAK 39,587,74
	dnd-omi 10 mg/L	BIORAK 39,587,74
	dnd-omi 10 umol/L	BIORAK 39,587,74
	mnt-mus-orl 100 mg/kg/24H-I	MUREAV 117,193,83
	dnd-mam:lym 20 mg/L	BIORAK 39,587,74
	dns-mam:lym 20 mg/L	BIORAK 39,587,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T34	orl-rat TDLo:11250 mg/kg (6-15D preg)	NTIS** PB83-182469
1T13	orl-mus TDLo:21 gm/kg (6-15D preg)	NTIS** PB83-151027
2T75T81	scu-mus TDLo:900 mg/kg (10-18D preg)	CRSBAW 161,300,67

TOXICITY DATA AND REFERENCES:

	scu-rat LD50:800 mg/kg	ARZNAD 9,711,59
	ivn-rat LD50:302 mg/kg	JPETAB 99,234,50
	orl-mus LD50:6696 mg/kg	ANYAA9 53,238,50
	scu-mus LD50:963 mg/kg	JPETAB 99,234,50
*	ivn-mus LD50:100 mg/kg	85FZAT -,490,67
	ivn-dog LDLo:100 mg/kg	ANYAA9 53,238,50
	ivn-rbt LDLo:80 mg/kg	JPETAB 99,234,50

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QI8250000 2-NAPHTHACENECARBOXAMIDE, 4-(DIMETHYLAMINO)-1,4,4a,5,5a,6,11,12a-OCTAHYDRO-2,5,6,10,12,12a- HEXAHYDROXY-6-METHYL-1,11-DIOXO-, MONOHYDROCHLORIDE, mixed with POTASSIUM NITRITE
UPDT:8407 MW: 582.05 MOLFM: C22-H24-N2-O9 Cl-H K-N-O2
SYN: OXYTETRACYCLINE HYDROCHLORIDE mixed with POTASSIUM NITRITE * POTASSIUM NITRITE mixed with OXYTETRACYCLINE HYDROCHLORIDE
MUTATION DATA AND REFERENCES:

	hma-mus/sat 100 mg/kg	MUREAV 117,193,83

QI8300000 2-NAPHTHACENECARBOXAMIDE, 4-(DIMETHYLAMINO)-1,4,4a,5,5a,6,11,12a-OCTAHYDRO-3,5,6,10,12,12a- HEXAHYDROXY-6-METHYL-1,11-DIOXO-, compd. with SODIUM NITRITE (1:3)
UPDT:8407 MW: 667.48 MOLFM: C22-H24-N2-O9 3N-Na-O2
SYN: OXYTETRACYCLINE mixed with SODIUM NITRITE (1:3) * SODIUM NITRITE mixed with OXYTETRACYCLINE (3:1)
MUTATION DATA AND REFERENCES:

	mmo-sat 100 uL/plate	TXAPA9 52,237,80
	mma-sat 100 uL/plate	TXAPA9 52,237,80

QI8575000 2-NAPHTHACENECARBOXAMIDE, 4-(DIMETHYLAMINO)-1,4,4a,5,5a,6,11,12a-OCTAHYDRO-3,6,10,12,12a- PENTAHYDROXY-N-((4-(2-HYDROXYETHYL)-1-PIPERAZINYL)METHYL)-6-METHYL-1,11-DIOXO-
UPDT:8411 CAS: 1110-80-1 MW: 586.71 MOLFM: C29-H38-N4-O9
SYN: AMBRAVEINE * N-(4-(beta-HYDROXYETHYL)DIETHYLENEDIAMINO-1-METHYL)TETRACYCLINE * N-((4-(2-HYDROXYETHYL)-1-PIPERAZINYL)METHYL)TETRACYCLINE * MEPICICLINA * MEPICYCLINE * PIPACYCLINE * VALTOMICINA * VALTOMYCIN
TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:188 mg/kg	GMITAB 131,1,72

QI8650000 2-NAPHTHACENECARBOXAMIDE, 4-alpha-5-(DIMETHYLAMINO)-1,4,4a-alpha-5,5a-alpha,6,11,12a- OCTAHYDRO-3,5-alpha,10,12,12a-alpha-PENTAHYDROXY-6-alpha-METHYL-1,11-DIOXO-
UPDT:8406 CAS: 564-25-0 MW: 444.48 MOLFM: C22-H24-N2-O8
SYN: DOXICICLINA (Italian) * alpha-6-DEOXY-5-HYDROXYTETRACYCLINE * alpha-6-DEOXYOXYTETRACYCLINE * 6-alpha-DEOXY-5-OXYTETRACYCLINE * DOXYCYCLINE * GS-3065 * 5-HYDROXY-alpha-6-DEOXYTETRACYCLINE * LIVIATIN * VIBRAMYCIN
MUTATION DATA AND REFERENCES:

	dni-hmn:lym 3750 ug/L	BCPHBM 16,127,83

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1870 mg/kg	GICTAL 17,276,70
*	ipr-mus LD50:410 mg/kg	GICTAL 17,276,70

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

QI8750000 2-NAPHTHACENECARBOXAMIDE, 4-(DIMETHYLAMINO)-1,4,4a,5,5a,6,11,12a-OCTAHYDRO-3,6,10,12,12a- PENTAHYDROXY-6-METHYL-1,11-DIOXO-
UPDT:8412 CAS: 60-54-8 MW: 444.48 MOLFM: C22-H24-N2-O8
SYN: ABRAMYCIN * ABRICYCLINE * ACHROMYCIN * AGROMICINA * AMBRAMICINA * AMBRAMYCIN * BIO-TETRA * BRISTACICLIN alpha * BRISTACICLINA * BRISTACYCLINE * CEFRACYCLINE SUSPENSION * CRISEOCICLINA * CYCLOMYCIN * DEMOCRACIN * DESCHLOROBIOMYCIN * HOSTACYCLIN * LIQUAMYCIN * 6-METHYL-1,11-DIOXY-2-NAPHTHACENECARBOXAMIDE * NEOCYCLINE * OLETETRIN * OMEGAMYCIN * ORLYCYCLINE * PANMYCIN * POLYCYCLINE * PUROCYCLINA * ROBITET * SANCLOMYCINE * SIGMAMYCIN * STECLIN * TETRABON * TETRACYCLINE * TETRACYCLINE I * TETRACYCLINE II * SK-TETRACYCLINE * TETRACYN * TETRADECIN * TETRAVERINE * TSIKLOMITSIN * T-125
MUTATION DATA AND REFERENCES:

	dnr-esc 20 uL/disc	MUREAV 97,1,82
	mrc-smc 3 gm/L	MUREAV 12,357,71
	cyt-grh-orl 5 mg	PISCAD 58(Pt. 3),623,71

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T91	unk-wmn TDLo:200 mg/kg (34-35W preg)	BJDEAZ 76,374,64
1T87	unk-wmn TDLo:80 mg/kg (1-39W preg)	JAMAAP 188,178,64
1T35	ihl-rat TCLo:100 ug/m3/24H (1-20D preg)	ANTBAL 20,839,75
1T31	ihl-rat TCLo:1 mg/m3/24H (1-20D preg)	ANTBAL 20,839,75
1T35	unk-rat TDLo:3 gm/kg (9-14D preg)	FATOAO 45,83,82
1T44	orl-mus TDLo:700 mg/kg (14D post)	32XPAD -,83,75

TOXICITY DATA AND REFERENCES:

3F07K14M11	orl-wmn TDLo:600 mg/kg/15D	SMJOAV 71,961,78
	mul-wmn LDLo:310 mg/kg	NEJMAG 270,157,64
	orl-rat LD50:807 mg/kg	TXAPA9 18,185,71
*	ipr-rat LD50:310 mg/kg	NIIRDN 6,493,82
*	ivn-rat LD50:129 mg/kg	ANTCAO 4,411,54
	orl-mus LD50:808 mg/kg	TXAPA9 18,185,71
	ipr-mus LD50:125 mg/kg	TDKNAF 14,60,55
*	scu-mus LD50:400 mg/kg	85GDA2 3,42,80
*	ivn-mus LD50:157 mg/kg	FRPSAX 10,346,55
*	orl-gpg LD50:1875 mg/kg	85GMAT -,109,82

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: YJBMAU 48,377,75; PLMJAP 6(1),160,75; MMWOAU 115(39),1661,73; KDYIA5 10,82,76; INTEAG 15(1),7,74; CLPTAT 5,480,64; ARVPAX 5,447,65; AJMEAZ 38,409,65; ADVPA3 4,263,66; DMCNAW 7,353,65; CRTXB2 2,159,73; BMJOAE 2,407,62; ADTEAS 2,239,67
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QI8925000 2-NAPHTHACENECARBOXAMIDE, 4-(DIMETHYLAMINO)-1,4,4a,5,5a,6,11,12a-OCTAHYDRO- 3,5,10,12,12a-PENTAHYDROXY-6-METHYL-1,11-DIOXO-, MONOHYDROCHLORIDE
UPDT:8403 CAS: 10592-13-9 MW: 480.94 MOLFM: C22-H24-N2-O8 Cl-H
SYN: DOXIGALUMICINA * DOXYCYCLINE HYCLATE * DOXYCYCLINE HYDROCHLORIDE * DOXY-II * DOXY TABLINEN * ECODOX * HYDRAMYCIN * LIOMYCIN * MESPAFIN * MIDOXIN * NIVOCILIN * NOVADOX * RETENS * ROXIMYCIN * SAMECIN * TANAMICIN * TECACIN * TETRADOX * VIBRADOX * VIBRAMYCIN HYCLATE * VIBRA-TABS
TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:262 mg/kg	TXAPA9 18,185,71
*	orl-mus LD50:1890 mg/kg	NIIRDN 6,505,82

QI9100000 2-NAPHTHACENECARBOXAMIDE, 4-(DIMETHYLAMINO)-1,4,4a,5,5a,6,11,12a-OCTAHYDRO-3,6,10,12,12a- PENTAHYDROXY-6-METHYL-1,11-DIOXO-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 64-75-5 MW: 480.94 MOLFM: C22-H24-N2-O8 Cl-H
SYN: ACHRO * ACHROMYCIN * ACHROMYCIN HYDROCHLORIDE * ACHROMYCIN V * ALA TET * AMBRACYN * ARTOMYCIN * BRISTACYCLINE * CEFRACYCLINE TABLETS * CHLORHYDRATE DE TETRACYCLINE (French) * CYCLOPAR * DIACYCINE * DUMOCYCIN * MEDAMYCIN * MEPHACYCLIN * NCI-C55561 * PALTET * PANMYCIN HYDROCHLORIDE * PARTREX * PIRACAPS * POLYCYCLINE HYDROCHLORIDE * QIDTET * QUADRACYCLINE * QUATREX * REMICYCLIN * RICYCLINE * RO-CYCLINE * SK-TETRACYCLINE * STECLIN * STECLIN HYDROCHLORIDE * STILCICLINA * SUBAMYCIN * SUMYCIN * SUPRAMYCIN * SUSTAMYCIN * T 250 CAPSULES * TC HYDROCHLORIDE * TEFILIN * TELINE * TELOTREX * TET-CY * TETRABAKAT * TETRABID * TETRABLET * TETRACAPS * TETRACHEL * TETRACICLINA CLORIDRATO (Italian) * TETRACOMPREN * TETRACYCLINE CHLORIDE * TETRACYCLINE HYDROCHLORIDE * TETRACYN * TETRA-D * TETRAKAP * TETRALUTION * TETRAMAVAN * TETRAMYCIN * TETRA-WEDEL * TETROSOL * TOPICYCLINE * TOTOMYCIN * TRIPHACYCLIN * U 5965 * UNICIN * UNIMYCIN * VETQUAMYCIN-324
MUTATION DATA AND REFERENCES:

	dnd-esc 50 umol/L	MUREAV 89,95,81
	cyt-mus:mmr 31600 ug/L/24H	MUREAV 40,261,76
	msc-mus:mmr 100 mg/L	MUREAV 40,261,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T46T53	orl-rat TDLo:14 gm/kg (3D male/3D pre-22D preg)	TXAPA9 7,409,65
2T27T31	ipr-rat TDLo:425 mg/kg (14-18D preg)	LAINAW 14,1456,65
1T39	scu-rat TDLo:240 mg/kg (16-20D preg)	BCPCA6 17,1479,68
1T34	ims-rat TDLo:240 mg/kg (10-15D preg)	BINEAA 4,365,62
2T25T34	unk-rat TDLo:450 mg/kg (7-15D preg)	ANTBAL 16,923,71
1T27	unk-rat TDLo:765 mg/kg (7-15D preg)	ANTBAL 16,923,71
3T25T35T46	ipr-mus TDLo:900 mg/kg (8-13D preg)	IYKEDH 3,75,72
1T34	ipr-mus TDLo:600 mg/kg (8-13D preg)	IYKEDH 3,75,72
1T46	ipr-mus TDLo:150 mg/kg (10D preg)	IYKEDH 3,82,72
3T53T75T81	scu-mus TDLo:2250 mg/kg (10-18D preg)	CRSBAW 161,300,67
1T27	scu-mus TDLo:750 mg/kg (1-6D preg)	ASPHAK 23,481,69
1T81	par-mus TDLo:2250 mg/kg (10-18D preg)	JOPHAN 57,567,65

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:6443 mg/kg	TXAPA9 18,185,71
	ipr-rat LDLo:320 mg/kg	CLDND*
1K12	scu-rat LD50:700 mg/kg	TXAPA9 9,445,66
*	ivn-rat LD50:128 mg/kg	FRPSAX 10,197,55
*	orl-mus LD50:3580 mg/kg	FRPSAX 10,197,55
	ipr-mus LD50:650 mg/kg	CNCRA6 30,9,63
*	ivn-mus LD50:157 mg/kg	FRPSAX 10,197,55
*	unk-mus LD50:105 mg/kg	40YJAX -,55,76

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QI9175000 2-NAPHTHACENECARBOXAMIDE, 4-(DIMETHYLAMINO)-1,4,4a,5,5a,6,11,12,12a-OCTAHYDRO- 3,6,10,12,12a-PENTAHYDROXY-6-METHYL-1,11-DIOXO-N-(1-PYRROLIDINYLMETHYL)-, NITRATE SESQUIHYDRATE
UPDT:8412 MW: 617.68 MOLFM: C27-H34-N3-O8 N-O3 3/2H2-O
SYN: BRISTACIN-A * PYRROCYCLINE-N * TETREX PMT * TETRIM * TETRIV * SYNTETRIN NITRATE
TOXICITY DATA AND REFERENCES:

	ivn-rat LD50:91 mg/kg	TXAPA9 18,185,71
	ims-rat LD50:91 mg/kg	TXAPA9 18,185,71

QI9275000 2-NAPHTHACENECARBOXAMIDE, 4-(DIMETHYLAMINO)-1,4,4a,5,5a,6,11,12a-OCTAHYDRO- 3,5,10,12,12a-PENTAHYDROXY-6-METHYLENE-1,11-DIOXO-
UPDT:8403 CAS: 914-00-1 MW: 442.46 MOLFM: C22-H22-N2-O8
SYN: 6-DEOXY-6-DEMETHYL-6-METHYLENE-5-OXYTETRACYCLINE * GS-2876 * METHACYCLINE * METHACYCLINE AMPHOTERIC * METHACYCLINE BASE * 6-METHYLENE-5-HYDROXYTETRACYCLINE * 6-METHYLENE-5-OXYTETRACYCLINE * OXYTETRACYCLINE, 6-METHYLENE- * RONDOMYCIN
MUTATION DATA AND REFERENCES:

	dni-hmn:lym 3750 ug/L	BCPHBM 16,127,83

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:660 mg/kg	TXAPA9 18,185,71

QI9276000 2-NAPHTHACENECARBOXAMIDE, 4-(DIMETHYLAMINO)-1,4,4a,5,5a,6,11,12a-OCTAHYDRO-3,5,10,12,12a- PENTAHYDROXY-6-METHYLENE-1,11-DIOXO-, MONOHYDROCHLORIDE
UPDT:8403 CAS: 3963-95-9 MW: 478.92 MOLFM: C22-H22-N2-O8 Cl-H
SYN: ADRIAMICINA * CICLOBIOTIC * GERMICICLIN * GLOBOCICLINA * LONDOMYCIN * MEGAMYCINE * METACYCLINE HYDROCHLORIDE * METADOMUS * METHACYCLINE HYDROCHLORIDE * METHACYCLINE MONOHYDROCHLORIDE * METILENBIOTIC * OPTIMYCIN * PHYSIOMYCINE * RINDEX * RONDOMYCIN
TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:252 mg/kg	TXAPA9 18,185,71
*	ivn-rat LD50:202 mg/kg	NIIRDN 6,818,82
*	orl-mus LD50:3450 mg/kg	NIIRDN 6,818,82
	ipr-mus LD50:288 mg/kg	TXAPA9 18,185,71
*	ivn-mus LD50:193 mg/kg	NIIRDN 6,818,82

QI9277550 2-NAPHTHACENECARBOXAMIDE, 1,4,4a,5,5a,6,11,12a-OCTAHYDRO-7-BROMO-4-(DIMETHYLAMINO)- 1,11-DIOXO-6-METHYL-3,6,10,12,12a-PENTAHYDROXY-, HYDROCHLORIDE
UPDT:8303 MW: 559.84 MOLFM: C22-H23-Br-N2-O8 Cl-H

SYN: BROMOTETRACICLINA CLORIDRATO (Italian) * BROMOTETRACYCLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:89 mg/kg FRPSAX 10,346,55

QI9277600 2-NAPHTHACENECARBOXAMIDE, 1,4,4a,5,5a,6,11,12a-OCTAHYDRO-4-(DIMETHYLAMINO)-1,11-DIOXO-((4-(2-HYDROXYETHYL)-1-PIPERAZINYL)METHYL)-3,6,10,12,12a-PENTAHYDROXY-
UPDT 8405 MW 586.71 MOLFM C29-H38-N4-O9
SYN: 4-beta-HYDROXYETHYLDIETHYLENEDIAMINOMETHYLTETRACYCLINE * 4-beta-IDROSSIETILDIETILENDIAMINOMETILTETRACICLINA (Italian)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:188 mg/kg BCFAAI 99,786,60

QI9277650 2-NAPHTHACENECARBOXAMIDE, 1,4,4a,5,5a,6,11,12a-OCTAHYDRO-4-(DIMETHYLAMINO)-1,11-DIOXO-((4-(2-HYDROXYETHYL)-1-PIPERAZINYL)METHYL)-3,6,10,12,12a-PENTAHYDROXY-, mixed with 3,3-DIMETHYL- 7-OXO-6-(2-PHENOXYACETAMIDO)-4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID
UPDT 8405 MW 936.12 MOLFM C29-H38-N4-O9 C16-H17-N2-O5-S
SYN: 4-beta-IDROSSIETILDIETILENDIAMINOMETILTETRACICLINA FENOSSIMETILPENICILLINATO (Italian)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:355 mg/kg BCFAAI 99,786,60

QI9277700 1-NAPHTHACENECARBOXYLIC ACID, 4-(((2''',3''-ANHYDRO)-O-3,6-DIDEOXY-alpha-L-erythro- HEXOPYRANOS-4-ULOS-1-YL(1-4)-O-2,6-DIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL(1-4)-2,3,6-TRIDEOXY-3- (DIMETHYLAMINO)-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-2-ETHYL-1,2,3,4,6,11-HEXAHYDRO-2,5,7,10-TETRAHYDROXY-6,11-DIOXO-, METHYL ESTER, (1R-(1-alpha,2-beta,4-beta))-
UPDT 8310 CAS: 35906-51-5 MW: 825.94 MOLFM: C42-H51-N-O16
SYN: ANTIBIOTIC MA 144B2 * CINERUBIN B * CINERUBINE B * TAUROMYCETIN-III * TAVROMYCETIN III
MUTATION DATA AND REFERENCES:
pic-esc 24 mg/L ZAPOAK 8,139,68
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:67 mg/kg 85GDA2 3,96,80
* ipr-mus LD50:24 mg/kg 85GDA2 3,96,80
* scu-mus LD50:45 mg/kg 85GDA2 3,96,80
* ivn-mus LD50:15 mg/kg 85GDA2 3,96,80

QI9278000 1-NAPHTHACENECARBOXYLIC ACID, 4-(((2''',3''-ANHYDRO)-O-3,6-DIDEOXY-alpha-L-erythro- HEXOPYRANOS-4-ULOSYL-(1-4)-O-2,6-DIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL-(1-4)-2,3,6-TRIDEOXY-3- (DIMETHYLAMINO)-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-1,2,3,4,6,11-HEXAHYDRO-2,5,7-TRIHYDROXY- 6,11-DIOXO-2-(2-OXOPROPYL)-, METHYL ESTER, (1R-(1-alpha,2-beta,4-beta))-
UPDT 8309 CAS: 78193-30-3 MW: 837.95 MOLFM: C43-H51-N-O16
SYN: SULFURMYCIN B
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:25 mg/kg JANTAJ 35,82-68,82

QI9278500 1-NAPHTHACENECARBOXYLIC ACID, 4-(((2''',3''-ANHYDRO)-O-3,6-DIDEOXY-alpha-L-erythro- HEXOPYRANOS-4-ULOSYL-(1-4)-O-2,6-DIDEOXY-alpha-L-lyxo-HEXAPYRANOSYL-(1-4)-2,3,6-TRIDEOXY-3- (DIMETHYLAMINO)-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-1,2,3,4,6,11-HEXAHYDRO-2,5,7-TRIHYDROXY-2- METHYL-6,11-DIOXO-, METHYL ESTER, (1R-(1-alpha,2-beta,4-beta))-
UPDT 8309 CAS: 78173-91-8 MW: 795.91 MOLFM: C41-H49-N-O15
SYN: AURAMYCIN B
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg JANTAJ 35,82-60,82

QI9279100 1-NAPHTHACENECARBOXYLIC ACID, 4-((O-2,6-DIDEOXY-alpha-L-LYXO-HEXOPYRANOSYL-(1-4)-O-2,6- DIDEOXY-alpha-L-LYXO-HEXOPYRANOSYL-(1-4)-2,3,6-TRIDEOXY-3-(DIMETHYLAMINO)-alpha-L-LYXO- HEXOPYRANOSYL)OXY)-2-ETHYL-1,2,3,4,6,11-HEXAHYDRO-2,5,7,10-TETRAHYDROXY-6,11-DIOXO-, METHYL ESTER, (1R-(1-alpha,2-beta,4-beta))-
UPDT 8408 CAS: 63710-10-1 MW: 845.98 MOLFM: C42-H55-N-O17
SYN: MARCELLOMYCIN
MUTATION DATA AND REFERENCES:
dnd-rat-lvr 11300 nmol/L MOPMA3 14,290,78
TUMORIGENIC DATA AND REFERENCES:
2V01R60 ivn-rat TDLo:15 mg/kg CNREA8 43,5248,83
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:10560 ug/kg JANTAJ 30,519,77
* ivn-mus LD50:15734 ug/kg DCTODJ 6,21,83
* ivn-dog LDLo:2952 ug/kg DCTODJ 6,21,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QI9279120 1-NAPHTHACENECARBOXYLIC ACID, 2-ETHYL-1,2,3,4,6,11-HEXAHYDRO-6,11-DIOXO-4-((O-2,3,6 TRIDEOXY-alpha-L-glycero-HEXOPYRANOS-4-ULOS-1-YL(1-4)-O-2,6-DIDEOXY-alpha-L-lyxo- HEXOPYRANOSYL-(1-4)-2,3,6-TRIDEOXY-3-AMINO-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-2,5,7-TRIHYDROXY-, METHYL ESTER, (1R-(1-alpha,2-beta,4-beta))-
UPDT 8401 CAS: 67508-84-3 MW: 783.90 MOLFM: C40-H49-N-O15
SYN: N-DIDEMETHYLACLACINOMYCIN A
MUTATION DATA AND REFERENCES:
pic-esc 1 ug/plate MUREAV 88,325,81
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

QI9279180 1-NAPHTHACENECARBOXYLIC ACID, 2-ETHYL-1,2,3,4,6,11-HEXAHYDRO-2,5,7,9-TETRAHYDROXY-6,11- DIOXO-4-((2,3,6-TRIDEOXY-4-O-(2,6-DIDEOXY-4-O-((2R-trans-TETRAHYDRO-6-METHYL-5-OXO-2H- PYRAN-2-YL)-alpha-L-lyxo-HEXOPYRANOSYL)-3-(DIMETHYLAMINO)-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-, METHYL ESTER, (1R-(1-alpha,2-beta,4-beta))-
DEF: Isolated from the mycelium of S. GALILAEUS KE303 (JANTAJ 35,82-107,82)
UPDT 8305 MW: 827.96 MOLFM: C42-H53-N-O16
SYN: 2-HYDROXYACLACINOMYCIN A
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg JANTAJ 35,82-107,82

QI9279300 1-NAPHTHACENECARBOXYLIC ACID, 2-ETHYL-1,2,3,4,6,11-HEXAHYDRO-2,5,7-TRIHYDROXY-6,11-DIOXO-4- ((2,3,6-TRIDEOXY-4-O-(2,6-DIDEOXY-4-O-((2R-trans)-TETRAHYDRO-6-METHYL-5-OXO-2H-PYRAN-2-YL) alpha-L-lyxo-HEXOPYRANOSYL)-3-(DIMETHYLAMINO)-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-, METHYL ESTER, (1R-(1-alpha,2-beta,4-beta))-
UPDT 8412 CAS: 57576-44-0 MW: 811.96 MOLFM: C42-H53-N-O15
SYN: ACLACINOMYCIN A * ACLACINON * ACM * ACLARUBEIN * ANTIBIOTIC MA 144A * ANTIBIOTIC MA 144A1 * NSC 208734
IRRITATION DATA AND REFERENCES:
eye-rbt 100 ug MLD JJANAX 33,453,80
scu-gpg 200 ug MLD JJANAX 33,453,80
MUTATION DATA AND REFERENCES:
dni-hmn:hla 100 ug/L GANNA2 72,197,81
cyt-hmn:hla 200 ug/L GANNA2 72,197,81
dnd-rat:lvr 6300 nmol/L MOPMA3 14,290,78
dns-rat:lvr 5 mg/L CNREA8 43,5248,83
cyt-ham:lng 30 ug/L GANNA2 72,197,81
msc-ham:lng 10 ug/L GANNA2 72,197,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T16T71T72 ipr-rat TDLo:27 mg/kg (17-22D preg/21D post) OYYAA2 19,855,80
1T91 ipr-rat TDLo:27 mg/kg (17-22D preg/21D post) OYYAA2 19,855,80
1T46 ipr-rat TDLo:2200 ug/kg (7-17D preg) OYYAA2 19,783,80
1T76 ipr-rat TDLo:5500 ug/kg (7-17D preg) OYYAA2 19,791,80
2T01T02 ivn-dog TDLo:127 mg/kg (91D male) OYYAA2 19,737,80
2T02T03 ivn-dog TDLo:182 mg/kg (43W male) OYYAA2 19,765,80
1T25 ivn-rbt TDLo:26 mg/kg (6-18D preg) OYYAA2 19,887,80
1T46 ivn-rbt TDLo:6500 ug/kg (6-18D preg) OYYAA2 19,887,80
TOXICITY DATA AND REFERENCES:
3F15F17K12 orl-rat LD50:58560 ug/kg JJANAX 33,138,80
3F15F17K12 ipr-rat LD50:17930 ug/kg JJANAX 33,138,80
3F15F17K12 scu-rat LD50:20 mg/kg JJANAX 33,138,80
3F15F17K12 ivn-rat LD50:25710 ug/kg JJANAX 33,138,80
3F15F17K12 orl-mus LD50:62540 ug/kg JJANAX 33,138,80
ipr-mus LD50:23 mg/kg JANTAJ 28,830,75
3F15F17K12 scu-mus LD50:33900 ug/kg JJANAX 33,138,80
* ivn-mus LD50:32470 ug/kg JJANAX 33,192,80
3F15F17K12 ivn-dog LDLo:5 mg/kg JJANAX 33,138,80
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QI9279400 1-NAPHTHACENECARBOXYLIC ACID, 2-ETHYL-1,2,3,4,6,11-HEXAHYDRO-2,5,7-TRIHYDROXY-6,11-DIOXO- 4-((2,3,6-TRIDEOXY-3-(DIMETHYLAMINO)-alpha-L-lyxo-HEXAPYRANOSYL)OXY)-, METHYL ESTER, (1R- (1-alpha,2-beta,4-beta))-
UPDT 8401 CAS: 60504-57-6 MW: 569.66 MOLFM: C30-H35-N-O10
SYN: AKLAVIN * ANTIBIOTIC MA 144T1 * 1-DEOXYPYRROMYCIN * MA 144T1
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:100 mg/kg 85FZAT -,111,67
* ivn-mus LDLo:150 mg/kg 85FZAT -,111,67
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

QI9284080 1-NAPHTHACENECARBOXYLIC ACID, 1,2,3,4,6,11-HEXAHYDRO-6,11-DIOXO-2-ETHYL-4-((2,3,6-TRIDEOXY- 4-O-(2,6-DIDEOXY-4-O-((2R-trans)-TETRAHYDRO-6-METHYL-5-OXO-2H-PYRAN-2-YL)-alpha-L-lyxo- HEXOPYRANOSYL)-3-(DIMETHYLAMINO)-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-2,5,7-TRIHYDROXY-, METHYL ESTER, HYDROCHLORIDE (1R-(1-alpha,2-beta,4-beta))-
UPDT 8304 MW: 848.42 MOLFM: C42-H53-N-O15·Cl-H
SYN: ACLACINOMYCIN A * ACLARUBICIN * ANTIBIOTIC MA 144 A1 * MA 144 A1
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:59 mg/kg NIIRDN 6,920,82
* ipr-rat LD50:18 mg/kg NIIRDN 6,920,82
* scu-rat LD50:20 mg/kg NIIRDN 6,920,82
* ivn-rat LD50:26 mg/kg NIIRDN 6,920,82
* ipr-mus LD50:29 mg/kg NIIRDN 6,920,82
* scu-mus LD50:34 mg/kg NIIRDN 6,920,82
* ivn-mus LD50:32 mg/kg NIIRDN 6,920,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QI9284600 1-NAPHTHALENECARBOXYLIC ACID, 1,2,3,4,6,11-HEXAHYDRO-6,11-DIOXO-2-ETHYL-4-((O-2,3,6- TRIDEOXY-alpha-L-GLYCERO-HEXOPYRANOS-4-ULOS-1-YL(1-4)-O-2,6-DIDEOXY-alpha-L-lyxo- HEXOPYRANOSYL(1-4)-2,3,6-TRIDEOXY-3-(METHYLAMINO)-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-2,5,7- TRIHYDROXY-, METHYL ESTER (1R-(1-alpha,2-beta,4-beta))-
UPDT 8407 MW: 765.93 MOLFM: C41-H51-N-O13
SYN: N-DEMETHYLACLACINOMYCIN A
MUTATION DATA AND REFERENCES:
mma-sat 1 nmol/plate CNREA8 38,1782,78
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:46 mg/kg JANTAJ 31,78-90,78

QI9290600 1-NAPHTHACENECARBOXYLIC ACID, 1,2,3,4,6,11-HEXAHYDRO-2,5,7-TRIHYDROXY-6,11-DIOXO-2- (2-OXOPROPYL)-4-((2,3,6-TRIDEOXY-4-O-(2,6-DIDEOXY-4-O-((2R-trans)-TETRAHYDRO-6-METHYL-5-OXO- 2H-PYRAN-2-YL)-alpha-L-lyxo-HEXOPYRANOSYL)-3-(DIMETHYLAMINO)-alpha-L-lyxo-HEXOPYRANOSYL) OXY)-, METHYL ESTER, (1R-(1-alpha,2-beta,4-beta))-
UPDT 8310 CAS: 78173-90-7 MW: 839.97 MOLFM: C43-H53-N-O16
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg JANTAJ 35,82-67,82

QI9290700 1-NAPHTHACENECARBOXYLIC ACID, 1,2,3,4,6,11-HEXAHYDRO-2,5,7-TRIHYDROXY-2-METHYL-6,11-DIOXO-4- ((2,3,6-TRIDEOXY-4-O-(2,6-DIDEOXY-4-O-((2R-trans)-TETRAHYDRO-6-METHYL-5-OXO-2H-PYRAN-2-YL)- alpha-L-lyxo-HEXOPYRANOSYL)-3-(DIMETHYLAMINO)-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-, METHYL ESTER, (1R-(1-alpha,2-beta,4-beta))-
UPDT 8309 CAS: 78173-92-9 MW: 797.93 MOLFM: C41-H51-N-O15
SYN: AURAMYCIN A
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg JANTAJ 35,82-59,82

QI9291500 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-((3-(ACETYLAMINO)-2,3,6-TRIDEOXY-alpha-L-lyxo- HEXOPYRANOSYL)OXY)-7,8,9,10-TETRAHYDRO-1,6,8,11-TETRAHYDROXY-, (8S-cis-)-
UPDT 8405 CAS: 74538-26-4 MW: 555.58 MOLFM: C28-H29-N-O11
SYN: N-ACETYLCARMINOMYCIN * N-ACETYLKARMINOMYCIN * CARMINOMYCIN, N-ACETYL- * KARMINOMYCIN, N-ACETYL
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:16500 ug/kg ANTBAL 27(1),57,82

QI9293050 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-((L-3-(2-AMINO-4-METHYLVALERAMIDO)-2,3,6-TRIDEOXY-alpha-L- lyxo-HEXOPYRANOSYL)OXY)-7,8,9,10-TETRAHYDRO-1,6,8,11-TETRAHYDROXY-, (8S-cis)-
UPDT 8405 MW: 620.66 MOLFM: C32-H32-N2-O11
SYN: CARMINOMYCIN, N-L-LEUCYL- * KARMINOMYCIN, N-L-LEUCYL- * N-L-LEUCYLCARMINOMYCIN * N-L-LEUCYLKARMINOMYCIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:11 mg/kg ANTBAL 27(1),57,82

QI9293100 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-((3-(D-2-AMINO-3-PHENYLPROPIONAMIDO)-2,3,6-TRIDEOXY-alpha- L-lyxo-HEXOPYRANOSYL)OXY)-7,8,9,10-TETRAHYDRO-1-METHOXY-6,8,11-TRIHYDROXY-, (8S-cis)-
UPDT 8405 MW: 668.70 MOLFM: C36-H32-N2-O11
SYN: N-D-PHENYLALANYLRUBOMYCIN * RUBOMYCIN, N-D-PHENYLALANYL-
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:27500 ug/kg ANTBAL 27(1),57,82

QI9293140 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-((3-(D-2-AMINO-3-PHENYLPROPIONAMIDO)-2,3,6-TRIDEOXY-alpha- L-lyxo-HEXOPYRANOSYL)OXY)-7,8,9,10-TETRAHYDRO-1,6,8,11-TETRAHYDROXY-, (8S-cis)-
UPDT 8405 MW: 654.67 MOLFM: C35-H30-N2-O11

SYN: CARMINOMYCIN, N-D-PHENYLALANYL- * KARMINOMYCIN, N-D-PHENYLALANYL- * N-D-PHENYLALANYLCARMINOMYCIN * N-D-PHENYLALANYLKARMINOMYCIN

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:77 mg/kg ANTBAL 27(1),57,82

QI9293170 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-((3-(L-2-AMINOPROPIONAMIDO)-2,3,6-TRIDEOXY-alpha-L-lyxo- HEXOPYRANOSYL)OXY)-7,8,9,10-TETRAHYDRO-1,6,8,11-TETRAHYDROXY-, (8S-cis)-

UPDT:8405 MW: 407.57 MOLFM: C28-H27-N2-O

SYN: N-L-ALANYLCARMINOMYCIN * N-L-ALANYLKARMINOMYCIN * CARMINOMYCIN, N-L-ALANYL- * KARMINOMYCIN, N-L-ALANYL-

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:7900 ug/kg ANTBAL 27(1),57,82

QI9293250 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-((3-AMINO-2,3,6-TRIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL)OXY)- 7,8,9,10-TETRAHYDRO-1,6,8,11-TETRAHYDROXY-, (8S-cis)-

UPDT:8408 CAS: 50935-04-1 MW: 513.54 MOLFM: C26-H27-N-O10

SYN: CARMINOMICIN I * CARMINOMYCIN I * CARUBICIN * NSC-180024

TOXICITY DATA AND REFERENCES:

3F07F11U01 orl-mus LD50:7300 mg/kg ANTBAL 19,57,74

3F07F11U01 ipr-mus LD50:1300 mg/kg ANTBAL 19,57,74

3F07F11U01 scu-mus LD50:3800 mg/kg ANTBAL 19,57,74

3F07F11U01 ivn-mus LD50:3700 mg/kg ANTBAL 19,57,74

QI9293280 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-((3-AMINO-2,3,6-TRIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL)OXY)- 7,8,9,10-TETRAHYDRO-1,6,8,11-TRIHYDROXY-, 8-HYDRAZONE, (8S-cis)-, HYDROCHLORIDE

UPDT:8412 CAS: 85145-33-5 MW: 557.98 MOLFM: C26-H23-N3-O9 Cl-H

TOXICITY DATA AND REFERENCES:

3F11K12U01 orl-mus LD50:17900 mg/kg ANTBAL 28,90,83

3F11K12U01 ivn-mus LD50:4100 mg/kg ANTBAL 28,90,83

QI9293500 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-((3-AMINO-2,3,6-TRIDEOXY-4-O-(3-HYDROXY-1-(2-HYDROXY-1- METHYLETHOXY)BUTYL)-alpha-L-lyxo-HEXOPYRANOSYL)OXY-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1- METHOXY-, (8S-cis)-

UPDT:8407 CAS: 64314-28-9 MW: 673.78 MOLFM: C34-H43-N-O13

SYN: BAUMYCIN A1

MUTATION DATA AND REFERENCES:

pic-esc 50 ng/plate CNREA8 43,2819,83

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:1500 ug/kg JANTAJ 31,78-67,78

QI9294000 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-((3-AMINO-2,3,6-TRIDEOXY-4-O-(3-HYDROXY-1-(2-HYDROXY-1- METHYLETHOXY)BUTYL)-alpha-L-LYXO-HEXOPYRANOSYL)OXY)-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1- METHOXY-, (8S-cis)-

UPDT:8309 CAS: 64253-71-0 MW: 673.78 MOLFM: C34-H43-N-O13

SYN: BAUMYCIN A2

MUTATION DATA AND REFERENCES:

pic-esc 50 ng/plate CNREA8 43,2819,83

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:15 mg/kg JANTAJ 31,78-68,78

QI9295600 5,12-NAPHTHACENEDIONE, 8-ACETYL-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-10-((2,3,6- TRIDEOXY-3-(FORMYLAMINO)-alpha-L-LYXO-HEXOPYRANOSYL)OXY)-, (8S-cis)-

UPDT:8406 CAS: 63084-42-4 MW: 555.58 MOLFM: C28-H29-N-O11

SYN: BAUMYCIN C1 * N-FORMYLDAUNORUBICIN

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:15 mg/kg JANTAJ 31,78-71,78

QI9295700 5,12-NAPHTHACENEDIONE, 10-((4-AMINOTETRAHYDRO-6-METHYL-2H-PYRAN-2-YL)OXY)-,7,8,9,10- TETRAHYDRO-6,8,11-TRIHYDROXY-8-(HYDROXYACETYL)-1-METHOXY-, HYDROCHLORIDE (2(2-alpha(8R*,10R*)4-beta,6-beta))-

UPDT:8406 CAS: 63521-85-7 MW: 564.03 MOLFM: C27-H29-N-O10 Cl-H

SYN: 4'-DEOXYADRIAMYCIN

MUTATION DATA AND REFERENCES:

dnd-mam:lym 52 umol/L FRPSAX 32,315,77

QI9295800 5,12-NAPHTHACENEDIONE, 10-((3-AMINO-2,3,6-TRIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-8-(1,2- DIHYDROXYETHYL)-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, HYDROCHLORIDE

UPDT:8406 CAS: 63950-05-0 MW: 582.05 MOLFM: C27-H31-N-O11 Cl-H

SYN: 13-DIHYDROADRIAMYCIN

MUTATION DATA AND REFERENCES:

dnd-mam:lym 52 umol/L FRPSAX 32,315,77

QI9295840 5,12-NAPHTHACENEDIONE, 10-((3-AMINO-2,3,6-TRIDEOXY-beta-L-arabino-HEXOPYRANOSYL)OXY)- 7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-8-(HYDROXYACETYL)-1-METHOXY-, (8S-cis)-

UPDT:8408 CAS: 56420-45-2 MW: 543.57 MOLFM: C27-H29-N-O11

SYN: 4'-EPIDOXORUBICIN * EPI-DX

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:18520 ug/kg TUMOAB 68,105,82

QI9295850 5,12-NAPHTHACENEDIONE, 10-((3-AMINO-2,3,6-TRIDEOXY-beta-L-arabino-HEXOPYRANOSYL)OXY)-7,8,9, 10-TETRAHYDRO-6,8,11-TRIHYDROXY-8-(HYDROXYACETYL)-1-METHOXY-, HYDROCHLORIDE, (8S-cis)-

UPDT:8412 MW: 580.03 MOLFM: C27-H29-N-O11 Cl-H

SYN: 4'-EPI-ADRIAMYCIN

MUTATION DATA AND REFERENCES:

mmo-sat 10 ug/plate EJCODS 19,641,83

mmo-sat 10 ug/plate EJCODS 19,641,83

dni-mus:leu 17 umol/L CBINA8 37,351,81

oms-mus:leu 10 umol/L CBINA8 37,351,81

dnd-mam:lym 52 umol/L FRPSAX 32,315,77

QI9295900 5,12-NAPHTHACENEDIONE, 10-((3-AMINO-2,3,6-TRIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL)OXY)- 7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-8-(HYDROXYACETYL)-1-METHOXY-, HYDROCHLORIDE, (8S-cis)-

UPDT:8411 CAS: 25316-40-9 MW: 580.03 MOLFM: C27-H29-N-O11 Cl-H

SYN: ADRIACIN * ADRIAMYCIN * ADRIAMYCIN HYDROCHLORIDE * ADRIBLASTINA * DOXORUBICIN HYDROCHLORIDE

TUMORIGENIC DATA AND REFERENCES:

2V03P61 ivn-mky TDLo:27 mg/kg/2Y-I PHMGBN 20,9,80

TOXICITY DATA AND REFERENCES:

* scu-rat LD50:21800 ug/kg NIIRDN 6,506,82

* ivn-rat LD50:13100 ug/kg NIIRDN 6,506,82

* ims-rat LD50:16 mg/kg NIIRDN 6,506,82

* orl-mus LD50:698 mg/kg NIIRDN 6,506,82

* scu-mus LD50:21800 ug/kg NIIRDN 6,506,82

* ivn-mus LD50:9800 ug/kg NIIRDN 6,506,82

* ims-mus LD50:13700 ug/kg NIIRDN 6,506,82

* ivn-rbt LD50:6 mg/kg NIIRDN 6,506,82

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QI9296100 1,11-NAPHTHACENEDIONE, 4,4a,5,5a,6,12a-HEXAHYDRO-2-ACETYL-4-(DIMETHYLAMINO)-3,5,6,10,12,12a- HEXAHYDROXY-6-METHYL-

UPDT:8406 MW: 459.49 MOLFM: C23-H25-N-O9

SYN: 2-ACETYL-2-DECARBOXAMIDOOXYTETRACYCLINE * ADOT * ADOT 7478 * PA-7478 * TERRAMYCIN-X

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:500 mg/kg 85GDA2 3,52,80

QI9296600 6,11-NAPHTHACENEDIONE, 1,2,3,4,6,11-HEXAHYDRO-4-((3-AMINO-2,3,6-TRIDEOXY-alpha-L-lyxo- HEXOPYRANOSYL)OXY)-2-(HYDROXYACETYL)-2,5,12-TRIHYDROXY-, 2-OCTANOATE (2S-cis)

UPDT:8406 MW: 641.75 MOLFM: C34-H41-O12

SYN: ADRIAMYCIN-9-OCTANOATE

MUTATION DATA AND REFERENCES:

dni-sal:spr 100 umol/L JBCHA3 252,2670,77

QI9296900 2,5-NAPHTHACENEDIONE, 2,3,4,4a,5,12-HEXAHYDRO-11-METHYL-4,6,7-TRIHYDROXY-

DEF:Produced by an unidentified S. species (85FZAT -,785,67)

UPDT:8406 MW: 324.35 MOLFM: C19-H16-O5

SYN: ANTIBIOTIC X-340 * X-340

TOXICITY DATA AND REFERENCES:

* orl-mus LDLo:1000 mg/kg 85FZAT -,785,67

QI9297000 5,12-NAPHTHACENEDIONE, 7,8,9,10-TETRAHYDRO-8-ACETYL-10-((3-ACETAMIDO-2,3,6-TRIDEOXY-alpha- L-lyxo-HEXOPYRANOSYL)OXY)-1-METHOXY-6,8,11-TRIHYDROXY- (8S-cis)

UPDT:8406 MW: 570.62 MOLFM: C29-H32-N-O11

SYN: N-ACETYL-DAUNORUBICIN

MUTATION DATA AND REFERENCES:

dni-sal:spr 100 umol/L JBCHA3 252,2670,77

QI9297100 5,12-NAPHTHACENEDIONE, 7,8,9,10-TETRAHYDRO-8-ACETYL-10-((3-AMINO-4-O-(1-(1-CARBOXYETHOXY)-3- HYDROXYBUTYL)-2,3,6-TRIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-cis)-

UPDT:8406 CAS: 64253-72-1 MW: 687.76 MOLFM: C34-H41-N-O14

SYN: BAUMYCIN B1

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:10 mg/kg 85GDA2 3,134,80

QI9297300 5,12-NAPHTHACENEDIONE, 7,8,9,10-TETRAHYDRO-8-ACETYL-10-((3-(((S)-2-AMINO-4-METHYL-1- OXOPENTYLAMINO)-2,3,6-TRIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-6,8,11-TRIHYDROXY- 1-METHOXY-, (8S-cis)-

UPDT:8409 MW: 640.75 MOLFM: C33-H40-N2-O11

SYN: N-(L-LEUCYL) DAUNORUBICIN

MUTATION DATA AND REFERENCES:

mmo-sat 400 ug/plate EJCAAH 19,641,83

mmo-sat 1 mg/plate EJCAAH 19,641,83

pic-esc 240 ug/L MUREAV 77,197,80

QI9297400 5,12-NAPHTHACENEDIONE, 7,8,9,10-TETRAHYDRO-8-ACETYL-10-((3-AMINO-2,3,6-TRIDEOXY-alpha-L- lyxo-HEXOPYRANOSYL)OXY)-1-METHOXY-6,8,11-TRIHYDROXY-, 8-PHENYLHYDRAZONE

UPDT:8406 MW: 617.71 MOLFM: C33-H35-N3-O9

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:16 mg/kg ANTBAL 27,811,82

QI9297450 5,12-NAPHTHACENEDIONE, 7,8,9,10-TETRAHYDRO-8-ACETYL-1-METHOXY-10-((3-(4-METHOXYPIPERIDINO)- 2,3,6-TRIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-6,8,11-TRIHYDROXY-, (8S-cis)-

UPDT:8407 MW: 625.73 MOLFM: C33-H39-N-O11

SYN: MEO * 3'-(4-METHOXY-1-PIPERIDINYL)-3'-DEAMINODAUNORUBICIN

MUTATION DATA AND REFERENCES:

oms-hmn:oth 50 nmol/L PAACA3 24,252,83

dni-hmn:oth 50 nmol/L PAACA3 24,252,83

QI9297480 5,12-NAPHTHACENEDIONE, 7,8,9,10-TETRAHYDRO-8-ACETYL-1-METHOXY-10-((3-MORPHOLINO-2,3,6- TRIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-6,8,11-TRIHYDROXY-, (8S-cis)-

UPDT:8407 MW: 597.67 MOLFM: C31-H35-N-O11

SYN: MD * 3'-(4-MORPHOLINYL)-3'-DEAMINODAUNORUBICIN

MUTATION DATA AND REFERENCES:

oms-hmn:oth 50 nmol/L PAACA3 24,252,83

dni-hmn:oth 50 nmol/L PAACA3 24,252,83

QI9297500 5,12-NAPHTHACENEDIONE, 1,2,3,4-TETRAHYDRO-2-ACETYL-4-((3-(METHYLAMINO)-2,3,6-TRIDEOXY- alpha-L-lyxo-HEXOPYRANOSYL)OXY)-7-METHOXY-6,8,11-TRIHYDROXY-, (8S-cis)-

UPDT:8406 MW: 511.59 MOLFM: C28-H31-O9

SYN: N-METHYLDAUNOMYCIN

MUTATION DATA AND REFERENCES:

mmo-sat 100 nmol/plate CNREA8 38,1782,78

mmo-sat 100 nmol/plate CNREA8 38,1782,78

QI9297600 5,12-NAPHTHACENEDIONE, 7,8,9,10-TETRAHYDRO-8-ACETYL-6,8,11-TRIHYDROXY-1-METHOXY-11-((2,3,6- TRIDEOXY-3-(METHYLAMINO)-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-, (8S-cis)- cis)-

UPDT:8406 CAS: 67508-86-5 MW: 541.60 MOLFM: C28-H31-N-O10

SYN: N-METHYLDAUNOMYCIN

MUTATION DATA AND REFERENCES:

mma-sat 1 nmol/plate CNREA8 38,1782,78

dnd-mam:lym 52 umol/L FRPSAX 32,315,77

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

QI9298000 5,12-NAPHTHACENEDIONE, 7,8,9,10-TETRAHYDRO-8-ACETYL-1-METHOXY-10-((2,3,6-TRIDEOXY-3- MORPHOLINO-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-6,8,11-TRIHYDROXY-

UPDT:8406 MW: 600.70 MOLFM: C31-H38-N-O11

SYN: 3'-DEAMINO-3'-MORPHOLINO-DAUNOMYCIN

TOXICITY DATA AND REFERENCES:

1V30 orl-mus LD50:1 mg/kg JANTAJ 35,117,82

1V30 ipr-mus LD50:500 ug/kg JANTAJ 35,117,82

QI9298100 5,12-NAPHTHACENEDIONE, 7,8,9,10-TETRAHYDRO-8-ACETYL-10-((3-MORPHOLINO-2,3,6-TRIDEOXY-alpha- L-lyxo-HEXOPYRANOSYL)OXY)-6,8,11-TRIHYDROXY-1-METHOXY-

UPDT:8406

SYN: 3'-MORPHOLINO-3'-DEAMINODAUNORUBICIN

MUTATION DATA AND REFERENCES:

dni-hmn:oth 50 nmol/L CNREA8 43,1044,83

oms-hmn:oth 50 nmol/L CNREA8 43,1044,83

dnd-mam:lym 2500 nmol/L CNREA8 43,1044,83

QI9310000 5,12-NAPHTHACENEDIONE, 7,8,9,10-TETRAHYDRO-8-(((3-AMINO-2,3,6-TRIDEOXY-lyxo-HEXOPYRANOSYL) OXY)ACETYL)-1-METHOXY-6,8,11-TRIHYDROXY-

UPDT:8402 MW: 527.57 MOLFM: C27-H29-N-O10

SYN: 7-DEOXY-14-O-DAUNOSAMINYLADRIAMYCINONE

MUTATION DATA AND REFERENCES:

dnd-mam:lym 500 mmol/L CBINA8 24,217,79

QI9310050 5,12-NAPHTHACENEDIONE, 7,8,9,10-TETRAHYDRO-10-((3-AMINO-2,3,6-TRIDEOXY-alpha-L-lyxo- HEXOPYRANOSYL)OXY)-8-(1,2-DIHYDROXYETHYL)-1-METHOXY-6,8,11-TRIHYDROXY
UPDT:8407 CAS: 54193-28-1 MW: 545.59 MOLFM: C27-H31-N-O11
SYN: ADRIAMYCINOL * 13-DIHYDROXORUBICIN * DOXORUBICINOL
MUTATION DATA AND REFERENCES:
dnd-mus:leu 26900 nmol/L CNREA8 41,1006,81

QI9310100 5,12-NAPHTHACENEDIONE, 7,8,9,10-TETRAHYDRO-8-((3-AMINO-2,3,6-TRIDEOXY-lyxo-HEXOPYRANOSYL) OXY)-6,11-DIHYDROXY-8-GLYCOLYL-1-METHOXY-
UPDT:8402 MW: 527.57 MOLFM: C27-H29-N-O10
SYN: 7-DEOXY-9-O-alpha-DAUNOSAMINYLDAUNOMYCINONE
MUTATION DATA AND REFERENCES:
dnd-man:lym 500 mmol/L CBINA8 24,217,79

QI9335000 5,12-NAPHTHACENEDIONE, 7,8,9,10-TETRAHYDRO-10-((3-AMINO-2,3,6-TRIDEOXY-alpha-L-lyxo HEXOPYRANOSYL)OXY)-8-(1-HYDROXYETHYL)-1-METHOXY-6,8,11-TRIHYDROXY-
UPDT:8402 CAS: 28008-55-1 MW: 529.59 MOLFM: C27-H31-N-O10
SYN: ANTIBIOTIC 20-798RP * DAUNOMYCINOL * DAUNORUBICINOL * DIHYDRODAUNOMYCIN * 13-DIHYDRODAUNOMYCIN * 13-DIHYDRODAUNORUBICIN * DUBORIMYCIN * LEUKAEMOMYCIN D
MUTATION DATA AND REFERENCES:
pic-esc 1400 ug/L MUREAV 77,197,80
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:6500 ug/kg 85GDA2 3,122,80

QI9338000 5,12-NAPHTHACENEDIONE, 7,8,9,10-TETRAHYDRO-10-((3-AMINO-2,3,6-TRIDEOXY-alpha-L-lyxo- HEXAPYRANOSYL)OXY)-8-(1-((4-METHYL-1-PIPERAZINYL)IMINO)ETHYL)-1,6,8,11-TETRAHYDROXY-, DIHYDROCHLORIDE, (8S-cis)-
UPDT:8402 MW: 683.65 MOLFM: C31-H38-N4-O9 2Cl-H
SYN: 13-(4-METHYL PIPERAZINYL)IMINE of CARMINOMYCIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:13200 ug/kg ANTBAL 27,137,82
* ivn-mus LD50:4 mg/kg ANTBAL 27,137,82

QI9339000 5,12-NAPHTHACENEDIONE, 7,8,9,10-TETRAHYDRO-10-((3-AMINO-2,3,6-TRIDEOXY-alpha-L-lyxo HEXOPYRANOSYL)OXY)-6,8,11-TRIHYDROXY-8-(HYDROXYACETYL)-1-METHOXY-, 8-alpha-ACETATE, HYDROCHLORIDE, (8S-cis)-
UPDT:8406 MW: 638.07 MOLFM: C29-H31-N-O13 Cl-H
SYN: ADRIAMYCIN-14-GLYCOLATE
MUTATION DATA AND REFERENCES:
dnd-mam:lym 52 umol/L FRPSAX 32,315,77

QI9405000 5,12-NAPHTHACENEDIONE, 7,8,9,10-TETRAHYDRO-10-((3-(3-CYANOMORPHOLINO)-2,3,6-TRIDEOXY- alpha-L-lyxo-HEXOPYRANOSYL)OXY)-8-(HYDROXYACETYL)-1-METHOXY-6,8,11-TRIHYDROXY-, (8s-cis)-
UPDT:8402 MW: 638.68 MOLFM: C32-H34-N2-O12
SYN: 3'-DEAMINO-3'-(3-CYANO-4-MORPHOLINYL)DOXORUBICIN * MRA-CN
MUTATION DATA AND REFERENCES:
dni-mus:leu 3 nmol/L PAACA3 24,252,83
oms-mus:leu 530 pmol/L PAACA3 24,252,83

QI9426000 5,12-NAPHTHACENEDIONE, 7,8,9,10-TETRAHYDRO-8-(HYDROXYACETYL)-1-METHOXY-10-((2,3,6-TRIDEOXY- MORPHOLINO-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-6,8,11-TRIHYDROXY-
UPDT:8407 MW: 616.70 MOLFM: C31-H38-N-O12
SYN: 3'-DEAMINO-3'-MORPHOLINO-ADRIAMYCIN
TOXICITY DATA AND REFERENCES:
1V30 orl-mus LD50:500 ug/kg JANTAJ 35,117,82
1V30 ipr-mus LD50:250 ug/kg JANTAJ 35,117,82

QI9428000 5,12-NAPHTHACENEDIONE, 7,8,9,10-TETRAHYDRO-8-(HYDROXYACETYL)-1-METHOXY-10-((2,3,6-TRIDEOXY- 3-(TRIFLUOROACETAMIDO)-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-6,8,11-TRIHYDROXY-, (8S-cis)-
UPDT:8402 CAS: 26295-56-7 MW: 639.58 MOLFM: C29-H28-F3-N-O12
SYN: AD 41 * N-TRIFLUOROACETYLADRIAMYCIN
MUTATION DATA AND REFERENCES:
dnd-hmn:lym 1 mg/L CNREA8 39,448,79
dni-hmn:lym 10 mg/L CNREA8 39,448,79
dnd-mus:leu 9 umol/L CNREA8 41,1006,81

QI9430000 5,12-NAPHTHACENEDIONE, 7,8,9,10-TETRAHYDRO-8-(1-HYDROXYETHYL)-1-METHOXY-10-((3-C-(4- METHOXYPIPERIDINO)-2,3,6-TRIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-6,8,11-TRIHYDROXY)-
UPDT:8308 MW: 627.75 MOLFM: C33-H41-N-O11
SYN: 13-DIHYDRO-3'-(4-METHOXY-1-PIPERIDINYL)-3-DEAMINODAUNORUBICIN
MUTATION DATA AND REFERENCES:
dni-hmn:oth 60 nmol/L CNREA8 43,1606,83
oms-hmn:oth 100 nmol/L CNREA8 43,1606,83

QI9434000 5,12-NAPHTHACENEDIONE, 7,8,9,10-TETRAHYDRO-8-(1-HYDROXYETHYL)-1-METHOXY-10-((3-C-MORPHOLINO- 2,3,6-TRIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL)-6,8,11-TRIHYDROXY-
UPDT:8308 MW: 629.72 MOLFM: C32-H39-N-O12
SYN: 13-DIHYDRO-3'-(4-MORPHOLINYL)-3'-DEAMINODAUNORUBICIN
MUTATION DATA AND REFERENCES:
dni-hmn:oth 60 nmol/L CNREA8 43,1606,83
oms-hmn:oth 300 nmol/L CNREA8 43,1606,83

QI9457200 5(8H)-NAPHTHACENONE, 8-ACETYL-10-((3-AMINO-2,3,6-TRIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL)OXY)- 7,9,10,12-TETRAHYDRO-6,8,11-TRIHYDROXY-12-IMINO-1-METHOXY-, (8S-cis)-
UPDT:8402 CAS: 72983-78-9 MW: 526.59 MOLFM: C27-H30-N2-O9
SYN: 5-IMINODAUNOMYCIN * 5-IMINODAUNORUBICIN
MUTATION DATA AND REFERENCES:
dnd-hmn:oth 600 nmol/L CNREA8 42,117,82
dni-hmn:oth 10 nmol/L/2H CNREA8 42,117,82
dnd-mus:leu 1 umol/L CNREA8 42,2687,82
dnd-mam:lym 200 nmol/L CNREA8 42,117,82

QI9457700 NAPHTH(1,2-k)ACEPHENANTHRYLENE, 4,5-DIHYDRO-
UPDT:8401 CAS: 7258-91-5 MW: 304.40 MOLFM: C24-H16
SYN: PHENANTHRA-ACENAPHTHENE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:1250 mg/kg/52W-I PRLBA4 117,318,35
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

alpha-NAPHTHACRIDINE see: CU2975000
NAPHTHA DISTILLATE (DOT) see: DE3030000
2-NAPHTHALAMINE see: QM2100000
NAPHTHALANE see: QJ3150000
2-NAPHTHALENAMINE see: QM2100000

QJ0352000 1-NAPHTHALENAMINE, N,N-BIS(2-BROMOETHYL)-3-METHYL-
UPDT:8306 CAS: 70974-82-2 MW: 371.15 MOLFM: C15-H17-Br2-N
SYN: N,N-BIS(2-BROMOETHYL)-3-METHYL-1-NAPHTHALENAMINE * WB 4325
TOXICITY DATA AND REFERENCES:
2U01V30 ipr-mus LD50:6 mg/kg BJCAAI 45,830,82

QJ0352100 NAPHTHALEN-2-axial-AMINE, DECAHYDRO-N-ISOPROPYL-3-axial-PHENYL-, HYDROCHLORIDE, (+-)-
UPDT:8408 MW: 307.95 MOLFM: C19-H29-N Cl-H
SYN: (+-)-DECAHYDRO-N-ISOPROPYL-3-axial-PHENYLNAPHTHALEN-2-axial-AMINE HYDROCHLORIDE * (+-)-2(a)-ISOPROPYLAMINO-3(a)-PHENYL-trans-DECALIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1D17 ivn-mus LD50:14 mg/kg JMCMAR 16,18,73

QJ0352200 NAPHTHALEN-2-axial-AMINE, DECAHYDRO-N-ISOPROPYL-3-equatorial-PHENYL-, HYDROCHLORIDE, (+-)-
UPDT:8408 CAS: 40960-78-9 MW: 307.95 MOLFM: C19-H29-N Cl-H
SYN: (+-)-DECAHYDRO-N-ISOPROPYL-3-equatorial-PHENYLNAPHTHALEN-2-axial-AMINE HYDROCHLORIDE * (+-)-2(a)-ISOPROPYLAMINO-3(e)-PHENYL-trans-DECALIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:12 mg/kg JMCMAR 16,18,73

QJ0352300 NAPHTHALEN-2-equatoricl-AMINE, DECAHYDRO-N-ISOPROPYL-3-axial-PHENYL-, HYDROCHLORIDE, (+-)-
UPDT:8408 MW: 307.95 MOLFM: C19-H29-N Cl-H
SYN: (+-)-DECAHYDRO-N-ISOPROPYL-3-axial-PHENYLNAPHTHALEN-2-equatorial-AMINE HYDROCHLORIDE * (+-)-2(e)-ISOPROPYLAMINO-3(a)-PHENYL-trans-DECALIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:14 mg/kg JMCMAR 16,18,73

QJ0352400 NAPHTHALEN-2-equatorial-AMINE, DECAHYDRO-N-ISOPROPYL-3-equatorial-PHENYL-, HYDROCHLORIDE, (+-)-
UPDT:8408 MW: 307.95 MOLFM: C19-H29-N Cl-H
SYN: (+-)-DECAHYDRO-N-ISOPROPYL-3-equatorial-PHENYLNAPHTHALEN-2-equatorial-AMINE HYDROCHLORIDE * (+-)-2(e)-ISOPROPYLAMINO-3(e)-PHENYL-trans-DECALIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:19 mg/kg JMCMAR 16,18,73

QJ0352600 NAPHTHALEN-2-axial-AMINE, DECAHYDRO-3-axial-PHENYL-, METHANESULFONATE, (+-)-
UPDT:8408 CAS: 38727-09-2 MW: 325.51 MOLFM: C16-H23-N C-H4-O3-S
SYN: (+-)-2(a)-AMINO-3(a)-PHENYL-trans-DECALIN METHANESULFONATE * (+-)-DECAHYDRO-3-axial-PHENYLNAPHTHALEN-2-axial-AMINE METHANESULFONATE
TOXICITY DATA AND REFERENCES:
1D17 ivn-mus LD50:23 mg/kg JMCMAR 16,18,73

QJ0352700 NAPHTHALEN-2-axial-AMINE, DECAHYDRO-3-equatorial-PHENYL-, METHANESULFONATE, (+-)-
UPDT:8408 CAS: 38727-10-5 MW: 325.51 MOLFM: C16-H23-N C-H4-O3-S
SYN: (+-)-2(a)-AMINO-3(e)-PHENYL-trans-DECALIN METHANESULFONATE * (+-)-DECAHYDRO-3-equatorial-PHENYLNAPHTHALEN-2-axial-AMINE METHANESULFONATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:28 mg/kg JMCMAR 16,18,73

QJ0352800 NAPHTHALEN-2-equatorial-AMINE, DECAHYDRO-3-axial-PHENYL-, METHANESULFONATE, (+-)-
UPDT:8408 MW: 325.51 MOLFM: C16-H23-N C-H4-O3-S
SYN: (+-)-2(e)-AMINO-3(a)-PHENYL-trans-DECALIN METHANESULFONATE * (+-)-DECAHYDRO-3-axial-PHENYLNAPHTHALEN-2-equatorial-AMINE METHANESULFONATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:28 mg/kg JMCMAR 16,18,73

QJ0352900 NAPHTHALEN-2-equatorial-AMINE, DECAHYDRO-3-equatorial-PHENYL-, METHANESULFONATE, (+-)-
UPDT:8408 MW: 325.51 MOLFM: C16-H23-N C-H4-O3-S
SYN: (+-)-2(e)-AMINE-3(e)-PHENYL-trans-DECALIN METHANESULFONATE * (+-)-DECAHYDRO-3-equatorial-PHENYLNAPHTHALEN-2-equatorial-AMINE METHANESULFONATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:28 mg/kg JMCMAR 16,18,73

2-NAPHTHALENAMINE, N-ETHYL-1-((4-(PHENYLAZO)PHENYL)AZO)- (9CI) see: QM2850000
1-NAPHTHALENAZO-2',4'-DIAMINOBENZENE see: ST2900000

QJ0525000 NAPHTHALENE
UPDT:8412 CAS: 91-20-3 MW: 128.18 MOLFM: C10-H8
SYN: CAMPHOR TAR * MIGHTY 150 * MIGHTY RD1 * MOTH BALLS * MOTH BALLS (DOT) * MOTH FLAKES * NAFTALEN (Polish) * NAPHTHALENE, CRUDE or REFINED (DOT) * NAPHTHALENE (DOT) * NAPHTHALIN * NAPHTHALIN (DOT) * NAPHTHALINE * NAPHTHENE * NAPTHALENE molten (DOT) * NCI-C52904 * RCRA WASTE NUMBER U165 * TAR CAMPHOR * UN 1334 (DOT) * UN 2304 (DOT) * WHITE TAR
IRRITATION DATA AND REFERENCES:
skn-rbt 495 mg open MLD UCDS** 1/11/68
eye-rbt 100 mg MLD BIOFX* 16-4/70
MUTATION DATA AND REFERENCES:
dnd-rat-orl 26 umol/kg CBINA8 33,301,81
dnd-mus-ipr 200 mg/kg CBINA8 40,287,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T46T47 ipr-rat TDLo:5925 mg/kg (1-15D preg) TXAPA9 48,A35,79
TUMORIGENIC DATA AND REFERENCES:
3V03P62T64 scu-rat TDLo:3500 mg/kg/12W ' APAVAY 329,141,56
TOXICITY DATA AND REFERENCES:
orl-chd LDLo:100 mg/kg 28ZRAQ -,228,60
unk-man LDLo:74 mg/kg 85DCAI 2,73,70
2F07F17 orl-rat LD50:1250 mg/kg GISAAA 47(11),78,82
2F07F17 orl-mus LD50:580 mg/kg GISAAA 47(11),78,82
ipr-mus LD50:150 mg/kg NTIS** AD691-490
scu-mus LD50:969 mg/kg TOIZAG 20,772,73
* ivn-mus LD50:100 mg/kg CSLNX* NX#00203
orl-dog LDLo:400 mg/kg HBAMAK 4,1289,35
orl-cat LDLo:1000 mg/kg HBAMAK 4,1289,35
orl-rbt LDLo:3 gm/kg HBAMAK 4,1289,35
2F07F17 orl-gpg LD50:1200 mg/kg GISAAA 47(11),78,82
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 1(1),93,71; JOPDAB 59,1,61
★ TLV-TWA 10 ppm; STEL 15 ppm DTLVS* 4,293,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ppm (SCP-T) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.102,83
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1501
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NAPHTHALENE ACETAMIDE see: QJ0590000
alpha-NAPHTHALENEACETAMIDE see: QJ0590000

QJ0590000 1-NAPHTHALENEACETAMIDE
UPDT:8309 CAS: 86-86-2 MW: 185.24 MOLFM: C12-H11-N-O
SYN: AMID-THIN * AMID-THIN W * FRUITONE * NAAM * NAD * NAPHTHALENE ACETAMIDE * alpha-NAPHTHALENEACETAMIDE * alpha-NAPHTHYLACETAMIDE * 1-NAPHTHYLACETAMIDE * 1-NAPHTHYLAMINE, N-ACETYL- * ROOTONE * ROSETONE
TOXICITY DATA AND REFERENCES:
* orl-mam LD50:1000 mg/kg FMCHA2 -,C165,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

alpha-NAPHTHALENEACETIC ACID see: QJ0875000

QJ0875000 1-NAPHTHALENEACETIC ACID
UPDT:8402 CAS: 86-87-3 MW: 186.22 MOLFM: C12-H10-O2
SYN: AGRONAA * ALPHASPRA * ANA * APPL-SET * CELMONE * FRUITONE * FRUITONE N * KLINGTITE * LIQUI-STIK * NAA * NAA 800 * NAFUSAKU * NAPHTHALENE-1-ACETIC ACID * alpha-NAPHTHALENEACETIC ACID * alpha-NAPHTHYLACETIC * NAPHTHYLACETIC ACID * alpha-NAPHTHYLACETIC ACID * 1-NAPHTHYLACETIC ACID * alpha-NAPHTHYLENEACETIC ACID * alpha-NAPHTHYLESSIGSAEURE (German) * NAPHYL-1-ESSIGSAEURE (German) * NIAGARA-STIK * NU-TONE * PARMONE * PHYMONE * PHYOMONE * PIMACOL-SOL * PLANOFIX * PLUCKER * PRIMACOL * ROOTONE * STAFAST * STIK * STOP-DROP * TEKKAM * TIP-OFF * TRANSPLANTONE * TRE-HOLD * VARDHAK
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg SEV PESTC* 9,10,80
MUTATION DATA AND REFERENCES:
mmo-smc 500 mg/L IDZAAW 48,185,73
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:27 gm/kg (90D male) TXCYAC 5,371,76
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1000 mg/kg 85DPAN -,-,71/76
* ipr-rat LD50:100 mg/kg PESTC* 9,10,80
* ipr-mus LD50:720 mg/kg FRPSAX 13,286,58
* orl-mam LD50:1000 mg/kg FMCHA2 -,C165,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NAPHTHALENE-1-ACETIC ACID see: QJ0875000

QJ0930900 1-NAPHTHALENEACETIC ACID, alpha,alpha-DIETHYL-
UPDT:8303 CAS: 1085-91-2 MW: 242.34 MOLFM: C16-H18-O2
SYN: DA 808 * alpha,alpha-DIETHYL-1-NAPHTHALENEACETIC ACID * L'ACIDO alpha,alpha-DIETIL-1-NAFTILACETICO (Italian) * NAFCAPROIC ACID
TOXICITY DATA AND REFERENCES:
1L30 orl-rat LD50:1080 mg/kg AIPTAK 154,297,65
1L30 orl-mus LD50:922 mg/kg AIPTAK 154,297,65

QJ0933100 1-NAPHTHALENEACETIC ACID, alpha,alpha-DIETHYL-, SODIUM SALT
UPDT:8303 CAS: 3060-37-5 MW: 264.32 MOLFM: C16-H17-O2 .Na
SYN: alpha,alpha-DIETHYL-1-NAPHTHALENEACETIC ACID SODIUM SALT
TOXICITY DATA AND REFERENCES:
1L30 ipr-rat LD50:466 mg/kg AIPTAK 154,297,65
1L30 scu-rat LD50:809 mg/kg AIPTAK 154,297,65
1L30 ivn-rat LD50:433 mg/kg AIPTAK 154,297,65
1L30 ipr-mus LD50:470 mg/kg AIPTAK 154,297,65
1L30 scu-mus LD50:964 mg/kg AIPTAK 154,297,65
1L30 ivn-mus LD50:324 mg/kg AIPTAK 154,297,65

QJ0947800 2-NAPHTHALENEACETIC ACID, alpha-ETHYL-
UPDT:8303 CAS: 15410-83-0 MW: 214.28 MOLFM: C14-H14-O2
SYN: alpha-ETHYL-2-NAPHTHALENEACETIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:610 mg/kg FRPSAX 13,286,58

2-NAPHTHALENEACETIC ACID, 6-METHOXY-alpha-METHYL-, (+)- see: UF5275000

QJ1047000 2-NAPHTHALENEACETIC ACID, 6-METHOXY-alpha-METHYL-, SODIUM SALT, L-(-)-
UPDT:8403 CAS: 26159-34-2 MW: 253.27 MOLFM: C14-H14-O3 .Na
SYN: L-(-)-6-METHOXY-alpha-METHYL-2-NAPHTHALENEACETIC ACID SODIUM SALT * 2-NAPHTHALENEACETIC ACID, 6-METHOXY-alpha-METHYL-, SODIUM SALT, (R)- (9CI) * NAPROXEN SODIUM
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-mky TDLo:20 mg/kg (2D pre) CCPTAY 27,505,83
1T29 orl-rbt TDLo:500 mg/kg (1D pre) FESTAS 38,238,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-NAPHTHALENEACETIC ACID, 6-METHOXY-alpha-METHYL-, SODIUM SALT, (R)- (9CI) see: QJ1047000

QJ1399600 1-NAPHTHALENEACRYLIC ACID, 2-(4-(p-CHLOROPHENYL)-1-PIPERAZINYL)ETHYL ESTER
UPDT:8312 MW: 420.97 MOLFM: C25-H25-Cl-N2-O2
SYN: 1-PIPERAZINEETHANOL, 4-(p-CHLOROPHENYL)-, 1-NAPHTHALENEACRYLATE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:2900 mg/kg JPMSAE 55,290,66

QJ1399800 1-NAPHTHALENEACRYLIC ACID, 1,4-PIPERAZINYLENEDIETHYLENE ESTER, DIHYDROCHLORIDE
UPDT:8312 MW: 607.62 MOLFM: C34-H34-N2-O4 .2Cl-H
SYN: 1,4-PIPERAZINEDIETHANOL, BIS(1-NAPHTHALENEACRYLATE), DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:1 gm/kg JPMSAE 55,290,66

QJ1400000 1-NAPHTHALENEARSONIC ACID
UPDT:7901 CAS: 5410-54-8 MW: 251.10 MOLFM: C10-H8-As-O3
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg NCNSA6 5,13,53
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

QJ1704000 2-NAPHTHALENECARBAMIC ACID, 2-DIETHYLAMINOETHYL ESTER
UPDT:8406 MW: 286.41 MOLFM: C17-H22-N2-O2
SYN: 2-DIETHYLAMINOETHYL ESTER of 2-NAPHTHALENECARBAMIC ACID * ETHANOL, 2-DIETHYLAMINO-, 2-NAPHTHYLCARBAMATE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:610 mg/kg JAPMA8 48,396,59

1-NAPHTHALENECARBONITRILE, 5-NITRO- see: QL5977000

QJ1882000 2-NAPHTHALENECARBOXALDEHYDE, 5,6,7,8-TETRAHYDRO-3-ETHYL-5,5,8,8-TETRAMETHYL-
UPDT:8412 CAS: 58243-85-9 MW: 244.41 MOLFM: C17-H24-O
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 21,853,83
eye-rbt 100 mg MLD FCTOD7 21,853,83
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3200 mg/kg FCTOD7 21,853,83

QJ1890000 1-NAPHTHALENECARBOXAMIDE, N-BUTYL-N-(2-(DIETHYLAMINO)ETHYL-
UPDT:8403 CAS: 32421-46-8 MW: 326.53 MOLFM: C21-H30-N2-O
SYN: BUNAFTINE * BUNAPHTIDE * BUNAPHTINE * N-BUTYL-N-(2-(DIETHYLAMINO)ETHYL)-1-NAPHTHALENECARBOXAMIDE * N-BUTYL-N-(2-(DIETHYLAMINO)ETHYL)-1-NAPHTHAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:122 mg/kg MEIEDD 10,205,83

QJ1894500 1-NAPHTHALENECARBOXAMIDE, N-HYDROXY-
UPDT:8408 CAS: 6953-61-3 MW: 187.21 MOLFM: C11-H9-N-O2
SYN: alpha-NAPHTHOHYDROXAMIC ACID * 1-NAPHTHOHYDROXAMIC ACID
MUTATION DATA AND REFERENCES:
mmo-sat 2500 nmol/plate MUREAV 135,139,84

2-NAPHTHALENECARBOXAMIDE, N-HYDROXY- (9CI) see: QL0850000

QJ1897000 2-NAPHTHALENECARBOXAMIDE, 3-HYDROXY-4-((2-METHOXY-5-NITROPHENYL)AZO)-N-(3-NITROPHENYL)-
UPDT:8412 CAS: 6471-49-4 MW: 487.46 MOLFM: C24-H17-N5-O7
SYN: ALKALI RESISTANT RED DARK * CALCOTONE RED 3B * CARNATION RED TONER B * C.I. 12355 * C PIGMENT RED 23 * CONGO RED R-138 * FENALAC RED FKB EXTRA * MALTA RED X 2284 * NAPHTHOL RED B * NAPHTHOL REB B 20-7575 * NAPHTHOL RED DEEP 10459 * NAPHTHOL RED D TONER 35-6001 * NCI-C60377 * PIGMENT RED 23 * PIGMENT RED BH * RUBESCENCE RED MT-21 * SANYO FAST RED 10B * SAPONA RED LAKE RL-6280 * SEGNALE LIGHT RUBINE RG * TEXTILE RED WD-263
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

QJ1897200 2-NAPHTHALENECARBOXAMIDE, N-HYDROXY-N-METHYL-
UPDT:8408 CAS: 76790-15-3 MW: 201.24 MOLFM: C12-H11-N-O2
SYN: N-HYDROXY-N-METHYL-2-NAPHTHALENECARBOXAMIDE * 2-NAPHTHO-N-METHYLHYDROXAMIC ACID
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate MUREAV 135,139,84

1-NAPHTHALENECARBOXIMIDAMIDE, N-(3-CHLORO-p-TOLYL)- see: QK7127000
1-NAPHTHALENECARBOXIMIDAMIDE, N-(2,5-DIMETHOXYPHENYL)- see: QK7174600
1-NAPHTHALENECARBOXIMIDAMIDE, N-(2-HYDROXYPHENYL)- see: QK7250000
1-NAPHTHALENECARBOXIMIDAMIDE, N-(2-METHOXYPHENYL)- see: QK7255000
1-NAPHTHALENECARBOXIMIDAMIDE, N-(4-METHOXYPHENYL)- see: QK7260000
1-NAPHTHALENECARBOXIMIDAMIDE, N-(4-METHYLPHENYL)- see: QK7265000
2-NAPHTHALENECARBOXYLIC ACID see: QL1050000
NAPHTHALENE-beta-CARBOXYLIC ACID see: QL1050000
2-NAPHTHALENECARBOXYLIC ACID, 4,4'-METHYLENEBIS(3-HYDROXY- (9CI) see: QL2180000

QJ2100000 NAPHTHALENE, 1-CHLORO-
UPDT:8311 CAS: 90-13-1 MW: 162.62 MOLFM: C10-H7-Cl
SYN: alpha-CHLORNAPHTHALENE * alpha-CHLORONAPHTHALENE * 1-CHLORONAPHTHALENE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1540 mg/kg NTIS** PB214-270
orl-mus LD50:1091 mg/kg NTIS** PB214-270
2F07F17 orl-gpg LD50:2000 mg/kg GISAAA 47(11),78,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

QJ2275000 NAPHTHALENE, 2-CHLORO-
UPDT:8406 CAS: 91-58-7 MW: 162.62 MOLFM: C10-H7-Cl
SYN: beta-CHLORONAPHTHALENE * 2-CHLORONAPHTHALENE * RCRA WASTE NUMBER U047
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2078 mg/kg NTIS** PB214-270
orl-mus LD50:886 mg/kg NTIS** PB214-270
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QJ2450000 NAPHTHALENE, 1-CHLORO-2,4-DINITRO-
UPDT:8401 CAS: 2401-85-6 MW: 252.62 MOLFM: C10-H5-Cl-N2-O4
SYN: 1-CHLORO-2,4-DINITRONAPHTHALENE * 2,4-DINITRO-1-CHLORO NAPHTHALENE
TUMORIGENIC DATA AND REFERENCES:
3V01J60R60 orl-rat TDLo:5000 mg/kg CNREA8 26,619,66
2V02R60 orl-rat TD :5000 mg/kg CNREA8 28,924,68
TOXICITY DATA AND REFERENCES:
unk-mam LD50:250 mg/kg 30ZDA9 -,81,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NAPHTHALENE, CRUDE or REFINED (DOT) see: QJ0525000

QJ3150000 NAPHTHALENE, DECAHYDRO-
UPDT:8412 CAS: 91-17-8 MW: 138.28 MOLFM: C10-H18
SYN: BICYCLO(4.4.0)DECANE * DEC * DECAHYDRONAPHTHALENE * DECAHYDRONAPHTHALENE (DOT) * DECALIN * DECALIN SOLVENT * DECALIN (DOT) * DE-KALIN * DEKALINA (Polish) * NAPHTHALANE * NAPHTHANE * PERHYDRONAPHTHALENE * UN 1147 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
eye-rbt 500 mg open AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
3D07D25J30 ihl-hmn TCLo:100 ppm TGNCDL 2,40,61
orl-rat LD50:4170 mg/kg AMIHBC 4,119,51
* ihl-rat LCLo:500 ppm/4H AMIHBC 4,119,51
ihl-mus LC50:1085 ppm/4H NTIS** AD-A062-138
* skn-rbt LD50:5900 mg/kg AMIHBC 4,119,51
3J16L30M30 ihl-gpg LCLo:319 ppm/8H NTIS** AD-A086-341
STANDARDS & REGULATIONS:
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ3400000 1,5-NAPHTHALENEDIAMINE
UPDT:8412 CAS: 2243-62-1 MW: 158.22 MOLFM: C10-H10-N2
SYN: 1,5-DIAMINONAPHTHALENE * 1,5-NAPHTHYLENEDIAMINE * NCI-C03021
MUTATION DATA AND REFERENCES:
mmo-sat 333 ug/plate IAPUDO 27,283,80
mma-sat 333 ug/plate IAPUDO 27,283,80
otr-rat:emb 5200 ng/plate JJATDK 1,190,81
TUMORIGENIC DATA AND REFERENCES:
2V01N60 orl-rat TDLo:721 gm/kg/1Y-C IARC** 27,127,82
3V01L60N62 orl-mus TDLo:120 gm/kg/2Y-C NCITR* NCI-CG-TR-143,78
3V01L60N62 orl-mus TD :288 gm/kg/2Y-C NCITR* NCI-CG-TR-143,78
3V03N60T64 orl-rat TD :18 gm/kg/88W-C NCITR* NCI-CG-TR-143,78
3V02N60T64 orl-rat TD :54 gm/kg/2Y-C NCITR* NCI-CG-TR-143,78
2V03N60 orl-rat TD :361 gm/kg/1Y-C IARC** 27,127,82
3V01L60N62 orl-mus TD :721 gm/kg/1Y-C IARC** 27,127,82
3V01L60N62 orl-mus TD :1442 gm/kg/1Y-C IARC** 27,127,82
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 27,127,82
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 27,127,82
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-143,78)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ3401000 2,7-NAPHTHALENEDIAMINE
UPDT:8412 CAS: 613-76-3 MW: 158.22 MOLFM: C10-H10-N2
MUTATION DATA AND REFERENCES:
bfa-rat/sat 250 umol/kg TXCYAC 21,223,81

QJ3430000 1,2-NAPHTHALENEDICARBOXIMIDE, 1,2,3,4-TETRAHYDRO-N-METHYL-
UPDT:8406 MW: 215.27 MOLFM: C13-H13-N-O2
SYN: N-METHYL-1,2,3,4-TETRAHYDRO-1,2-NAPHTHALENEDICARBOXIMIDE * S 2-787
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg JAPMA8 46,118,57

QJ3440000 NAPHTHALENE-1,2-DICARBOXYIC ACID, 1,2,3,4-TETRAHYDRO-3-METHYL-6,7-METHYLENEDIOXY-, DIPROPYL ESTER
UPDT:8401 CAS: 83-59-0 MW: 362.46 MOLFM: C20-H26-O6
SYN: DI-n-PROPYL MALEATE-ISOSAFROLE CONDENSATE * DI-n-PROPYL 6,7-METHYLENEDIOXY-3-METHYL-1,2,3,4-TETRAHYDRONAPHTHALENE * DI-n-PROPYL-3-METHYL-6,7-METHYLENEDIOXY-1,2,3,4-TETRAHYDRONAPHTHALENE-1,2-DICARBOXYLATE * DIPROPYL-5,6,7,8-TETRAHYDRO-7-METHYLNAPHTHO(2,3-d)-1,3-DIOXOLE-5,6-DICARBOXYLATE * ENT 15,266 * PROPYL ISOME * N-PROPYL ISOMER
TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 orl-mus TDLo:655 gm/kg/78W-I NTIS** PB223-159
2V01P60 scu-mus TDLo:1000 mg/kg NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1500 mg/kg GUCHAZ 6,435,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ3675000 NAPHTHALENE, 1,2-DICHLORO-3-NITRO-

UPDT:8401 CAS: 6240-55-7 MW: 242.06 MOLFM: C10-H5-Cl2-N-O2

SYN: 1,2-DICHLORO-3-NITRONAPHTHALENE

TUMORIGENIC DATA AND REFERENCFS:

3V03R60T61	orl-rat TDLo:13 gm/kg/52W-I	JNCIAM 41,985,68

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ4375000 NAPHTHALENE, 1,2-DIHYDRO-

UPDT:8307 CAS: 447-53-0 MW: 130.20 MOLFM: C10-H10

SYN: 1,2-DIHYDRONAPHTHALENE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2830 mg/kg	TXAPA9 28,313,74

QJ4376000 NAPHTHALENE, 1,2-DIHYDRO-3,4-DIPHENYL-7-METHOXY-

UPDT:8302 MW: 312.43 MOLFM: C23-H20-O

SYN: 1,2-DIHYDRO-3,4-DIPHENYL-7-METHOXYNAPHTHALENE * 3,4-DIPHENYL 1,2-DIHYDRO-7-METHOXYNAPHTHALENE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:175 ug/kg (1D pre/1-6D preg)	JMCMAR 9,172,66
1T13	orl-rat TDLo:87500 ng/kg (7D pre)	JMCMAR 9,172,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ4377000 NAPHTHALENE, 1,2-DIHYDRO-4-(p-(2,3-EPOXYPROPOXY)PHENYL)-7-METHOXY-3-PHENYL-

UPDT:8302 MW: 384.50 MOLFM: C26-H24-O3

SYN: 1,2-DIHYDRO-4-(p-(2,3-EPOXYPROPOXY)PHENYL)-7-METHOXY-3-PHENYLNAPHTHALENE * 1-(p-(2,3-EPOXYPROPOXY)PHENYL)-2-PHENYL-6-METHOXY-3,4-DIHYDRONAPHTHALENE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:35 mg/kg (1D pre/1-6D preg)	JMCMAR 9,172,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ4378000 NAPHTHALENE, 1,2-DIHYDRO-4-(p-FLUOROPHENYL)-7-METHOXY-3-PHENYL-

UPDT:8302 MW: 330.42 MOLFM: C23-H19-F-O

SYN: 1,2-DIHYDRO-4-(p-FLUOROPHENYL)-7-METHOXY-3-PHENYLNAPHTHALENE * 4-(p-FLUOROPHENYL)-7-METHOXY-3-PHENYL-1,2-DIHYDRONAPHTHALENE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:1750 ug/kg (1D pre/1-6D preg)	JMCMAR 9,172,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ4379000 NAPHTHALENE, 1,2-DIHYDRO-7-METHOXY-3-PHENYL-4-(p-TOLYL)-

UPDT:8302 MW: 326.46 MOLFM: C24-H22-O

SYN: 1,2-DIHYDRO-7-METHOXY-3-PHENYL-4-(p-TOLYL)NAPHTHALENE * 7-METHOXY-3-PHENYL-4-(p-TOLYL)-1,2-DIHYDRONAPHTHALENE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:7 mg/kg (1D pre/1-6D preg)	JMCMAR 9,172,66
1T13	orl-rat TDLo:700 ug/kg (7D pre)	JMCMAR 9,172,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NAPHTHALENE, 2-(4-DIMETHYLAMINOPHENYLAZO)- see: BX7005000

QJ4550000 NAPHTHALENE, DINITRO-

UPDT:8307 MW: 218.18 MOLFM: C10-H6-N2-O4

SYN: DINITRONAPHTHALENE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:5600 mg/kg	GTPZAB 24(2),39,80
3F07F13F23	unk-mus LD50:5600 mg/kg	GTPZAB 24(12),36,80

QJ4550800 NAPHTHALENE, 1,3-DINITRO-

UPDT:8303 CAS: 606-37-1 MW: 218.18 MOLFM: C10-H6-N2-O4

SYN: 1,3-DINITRONAPHTHALENE

MUTATION DATA AND REFERENCES:

	mmo-sat 1 ug/plate	ENMUDM 3,499,81

QJ4870000 2,3-NAPHTHALENEDIOL, 5-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)-1,2,3,4-TETRAHYDRO-

UPDT:8412 CAS: 42200-33-9 MW: 309.45 MOLFM: C17-H27-N-O4

SYN: NADOLOL * 2,3-cis-1,2,3,4-TETRAHYDRO-5-((2-HYDROXY-3-tert-BUTYLAMINO)PROPOXY)-2,3-NAPHTHALENEDIOL * SQ 11725

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-rbt TDLo:1300 mg/kg (6-18D preg)	TXAPA9 44,379,78

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:5300 mg/kg	MEIEDD 10,909,83
3F12F25J24	orl-mus LD50:3800 mg/kg	YACHDS 9,527,81
3G10K12K13	ipr-mus LD50:300 mg/kg	DRUGAY 20,1,80
3F12F25J24	ivn-mus LD50:50 mg/kg	YACHDS 9,527,81

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,4-NAPHTHALENEDIONE see: QL7175000

1,4-NAPHTHALENEDIONE, 2-AMINO-3-CHLORO- see: QL7350000

1,4-NAPHTHALENEDIONE, 2-CHLORO-3-ETHOXY- (9CI) see: QL7472700

1,4-NAPHTHALENEDIONE, 2-CHLORO-3-PROPOXY- (9CI) see: QL7482000

QJ5728000 1,4-NAPHTHALENEDIONE, 2-(3,3-DICHLORO-2-PROPENYL)-3-HYDROXY-

UPDT:8308 CAS: 36417-16-0 MW: 283.11 MOLFM: C13-H8-Cl2-O3

SYN: DICHLOROALLYL LAWSONE * 2-HYDROXY-3-(3,3-DICHLOROALLYL)-1,4-NAPHTHOQUINONE * NSC 126771

MUTATION DATA AND REFERENCES:

	oms-mus:leu 6300 nmol/L	CNREA8 39,4868,79

1,4-NAPHTHALENEDIONE, 5,8-DIHYDROXY- (9CI) see: QL7970000

1,4-NAPHTHALENEDIONE, 2-HYDROXY- (9CI) see: QL8200000

QJ5775000 1,4-NAPHTHALENEDIONE, 5-HYDROXY-

UPDT:8402 CAS: 481-39-0 MW: 174.16 MOLFM: C10-H6-O3

SYN: AKHNOT * C.I. 75500 * C.I. NATURAL BROWN 7 * 5-HYDROXY-1,4-NAPHTHOQUINONE * IUGLON * JUGLANE * JUGLON * JUGLONE * LAWSONE * 1,4-NAPHTHOQUINONE, 5-HYDROXY- * 1,4-NAPHTHOQUINONE, 8-HYDROXY- * NUCIN * OIL RED BS * REGIANIN * WALNUT EXTRACT

MUTATION DATA AND REFERENCES:

	mma-sat 30 ug/plate	MUREAV 124,25,83
	sln-dmg-orl 10 pph	MUREAV 92,89,82
	oms-mus/ast 10 mg/kg	PSEBAA 126,583,67

TUMORIGENIC DATA AND REFERENCES:

2V02R60	skn-mus TDLo:394 mg/kg/53W-I	JMCMAR 21,26,78

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:2500 ug/kg	SCIEAS 134,1617,61
*	ipr-mus LD50:25 mg/kg	85GDA2 8(1),74,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ5776500 1,4-NAPHTHALENEDIONE, 2-(HYDROXYAMINO)-

UPDT:8303 CAS: 53130-67-9 MW: 189.18 MOLFM: C10-H7-N-O3

SYN: HANQ * 2-HYDROXYAMINO-1,4-NAPHTHOQUINONE

TOXICITY DATA AND REFERENCES:

1V30	ipr-mus LD50:318 mg/kg	CPBTAL 23,1077,75

1,4-NAPHTHALENEDIONE, 5-HYDROXY-7-METHYL- (9CI) see: QL8520000

1,4-NAPHTHALENEDIONE, 2-METHOXY- (9CI) see: QL8960000

QJ5870000 NAPHTHALENEDIOZONIDE

UPDT:8308

SYN: NAPHTHALENE DIOZONIDE (DOT)

STANDARDS & REGULATIONS:

★	DOT-HAZARD:FORBIDDEN	CFRGBR 49,172.101,82

NAPHTHALENE DIOZONIDE (DOT) see: QJ5870000

QJ5950000 1,7-NAPHTHALENEDISULFONIC ACID, 4-ACETAMIDO-5-HYDROXY-6-((7-SULFO-4-((p-SULFOPHENYL)AZO)- 1-NAPHTHYL)AZO)-, TETRASODIUM SALT

UPDT:8305 CAS: 2519-30-4 MW: 871.74 MOLFM: C28-H21-N5-O14-S4 4Na

SYN: 1743 BLACK * BLACK PN * BLUE BLACK BN * BRILLIANT ACID BLACK BNA EXPORT * BRILLIANT ACID BLACK BN EXTRA PURE A * BRILLIANT BLACK * BRILLIANT BLACK A * BRILLIANT BLACK BN * BRILLIANT BLACK NAF * BRILLIANT BLACK N.FQ * CERTICOL BLACK PNW * CILEFA BLACK B * C.I. 28440 * C.I. FOOD BLACK 1, TETRASODIUM SALT * EDICOL SUPRA BLACK BN * HEXACOL BLACK PN * MELAN BLACK * XYLENE BLACK F

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:900 mg/kg	FCTXAV 5,171,67
*	orl-mus LD50:1100 mg/kg	FCTXAV 5,171,67
*	ipr-mus LD50:500 mg/kg	FCTXAV 5,171,67

QJ6030000 2,7-NAPHTHALENEDISULFONIC ACID, 5-(ACETYLAMINO)-4-HYDROXY-3-(PHENYLAZO)-, DISODIUM SALT

UPDT:8401 CAS: 3734-67-6 MW: 477.38 MOLFM: C18-H13-N3-O8-S 2Na

SYN: ACETYL RED G * ACETYL RED J * ACETYL ROSE 2GL * ACIDAL BRILLIANT RED 2G * ACID BRIGHT RED * ACID BRILLIANT RED * ACID FAST RED EGG * ACID FAST RED 3G * ACIDINE RED G * ACID LEATHER RED KG * ACID NAFTOL RED G * ACID PHLOXINE GA * ACID RED 1 * ACID RED 2G * ACID RED GA * ACID ROSE 2GL * ACILAN NAPHTHOL RED G * ACILAN NAPHTOL RED G * AHCOCID CARMINE 2G * AMACID PHLOXINE * AMIDO NAPHTHOL RED G * AMIDO NAPHTHOL RED 2G * AMIDO NAPHTHOL RED GA * AMIDO RED 2G * ARIAVIT RED 2G * ATUL ACID GERANINE G * AZO GERANINE 2G * AZO GERANINE 2GA * AZONAPHTHOL RED J * AZOPHLOXIN * AZOPHLOXINE * AZO PHLOXINE GA * AZO PHLOXINE GA-CF * AZO RHODINE 2G * BELACID PHLOXINE G * BRILLIANT ACID RED G * BRILLIANT ACID ROSAMINE 2G * BRILLIANT COLACID RED G * BUCACID FAST CRIMSON * CALCOCID PHLOXINE 2G * CETIL LIGHT RED GG * C.I. 18050 * C.I. ACID RED 1 * C.I. ACID RED 1, DISODIUM SALT * C.I. FOOD RED 10 * EDICOL SUPRA GERANINE 2G * EDICOL SUPRA GERANINE 2GS * EGACID RED G * ENIACID LIGHT RED 3G * ERIO FLOXINE 2G * ERIO FLOXINE 2GN * EXT D and C RED NO. 11 * FAST CRIMSON GR * FAST DRIMSON GR * FENAZO RED B * GERANINE 2GS * HASTINGS CARMINE 2G * HEXACOL RED 2G * HEXALAN RED 2G * HIDACID FAST CRIMSON * HISPACID FAST CARMOISINE G * INK RED JSN * JAVA NAPHTOL RED G * KITON RED G * KITON RED 2G * LEATHER RED G * LISSAMINE RED 2G * NAPHTHAZINE ROSE 2G * NAPHTOCARD RED 2G * PHLOXINE G * PHLOXINE 2G * PONTACYL CARMINE 2G * 1379 RED * RED 2G * SOLAR FAST RED 3G * UNITERTRACID RED 2G * VONDACID LIGHT RED NG

MUTATION DATA AND REFERENCES:

	mmo-esc 10 gm/L	MUREAV 117,127,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

QJ6132000 1,3-NAPHTHALENEDISULFONIC ACID, 7-AMINO-

UPDT:8402 CAS: 86-65-7 MW: 303.32 MOLFM: C10-H9-N-O6-S2

SYN: AMIDO-G-ACID * 7-AMINO-1,3-NAPHTHALENEDISULFONIC ACID * 2-NAPHTHYLAMINE-6,8-DISULFONIC ACID

TUMORIGENIC DATA AND REFERENCES:

2V02J60	ipr-mus TDLo:7500 mg/kg/8W-I	JJIND8 67,1299,81

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ6133000 1,5-NAPTHTALENEDISULFONIC ACID, AMINO-

UPDT:8407 MW: 303.32 MOLFM: C10-H9-N-O6-S2

SYN: AMINO-Ts-ACID

TOXICITY DATA AND REFERENCES:

2L14M12	orl-rat LD50:29 gm/kg	GISAAA 45(3),73,80
2L14M12	orl-mus LD50:29 gm/kg	GISAAA 45(3),73,80
2L14M12	orl-rbt LD50:18 gm/kg	GISAAA 45(3),73,80
2L14M12	orl-gpg LD50:42 gm/kg	GISAAA 45(3),73,80

QJ6160000 2,7-NAPHTHALENEDISULFONIC ACID, 4-AMINO-3-((4'-((2,4-DIAMINOPHENYL)AZO)(1,1'-BIPHENYL)-4-YL) AZO)-5-HYDROXY-6-(PHENYLAZO)-, DISODIUM SALT

UPDT:8412 CAS: 1937-37-7 MW: 781.78 MOLFM: C34-H25-N9-O7-S2 2Na

SYN: AHCO DIRECT BLACK GX * AIREDALE BLACK ED * AIZEN DIRECT DEEP BLACK EH * AIZEN DIRECT DEEP BLACK GH * AIZEN DIRECT DEEP BLACK RH * AMANIL BLACK GL * AMANIL BLACK WD * APOMINE BLACK GX * ATLANTIC BLACK BD * ATLANTIC BLACK C * ATLANTIC BLACK E * ATLANTIC BLACK EA * ATLANTIC BLACK GAC * ATLANTIC BLACK GG * ATLANTIC BLACK GXCW * ATLANTIC BLACK GXOO * ATLANTIC BLACK SD * ATUL DIRECT BLACK E * AZINE DEEP BLACK EW * AZOCARD BLACK EW * AZOMINE BLACK EWO * BELAMINE BLACK GX * BENCIDAL BLACK E * BENZAMIL BLACK E * BENZO DEEP BLACK E * BENZO LEATHER BLACK E * BENZOFORM BLACK BCN-CF * BLACK 2EMBL * BLACK 4EMBL * BRASILAMINA BLACK GN * BRILLIANT CHROME LEATHER BLACK H * CALCOMINE BLACK * CALCOMINE BLACK EXL * CARBIDE BLACK E * CHLORAMINE BLACK C * CHLORAMINE BLACK EC * CHLORAMINE BLACK ERT * CHLORAMINE BLACK EX * CHLORAMINE BLACK EXR * CHLORAMINE BLACK XO * CHLORAMINE CARBON BLACK S * CHLORAMINE CARBON BLACK SJ * CHLORAMINE CARBON BLACK SN * CHLORAZOL BLACK E * CHLORAZOL BLACK E (BIOLOGICAL STAIN) * CHLORAZOL BLACK EA * CHLORAZOL BLACK EN * CHLORAZOL BURL BLACK E * CHLORAZOL LEATHER BLACK ENP * CHLORAZOL SILK BLACK G * CHROME LEATHER BLACK E * CHROME LEATHER BLACK EC * CHROME LEATHER BLACK EM * CHROME LEATHER BLACK G * CHROME LEATHER BRILLIANT BLACK ER * C.I. 30235 * C.I. DIRECT BLACK 38 * C.I. DIRECT BLACK 38, DISODIUM SALT * COIR DEEP BLACK C * COLUMBIA BLACK EP * DIACOTTON DEEP BLACK * DIACOTTON DEEP BLACK RX * DIAMINE DEEP BLACK EC * DIAMINE DIRECT BLACK E * DIAPHTAMINE BLACK V * DIAZINE BLACK E * DIAZINE DIRECT BLACK E * DIAZINE DIRECT BLACK G * DIAZOL BLACK 2V * DIPHENYL DEEP BLACK G * DIRECT BLACK A * DIRECT BLACK BRN * DIRECT BLACK CX * DIRECT BLACK CXR * DIRECT BLACK E * DIRECT BLACK EW * DIRECT BLACK EX * DIRECT BLACK FR * DIRECT BLACK GAC * DIRECT BLACK GW * DIRECT BLACK GX * DIRECT BLACK GXR * DIRECT BLACK JET * DIRECT BLACK META * DIRECT BLACK METHYL * DIRECT BLACK N * DIRECT BLACK RX * DIRECT BLACK SD * DIRECT BLACK WS * DIRECT BLACK Z * DIRECT BLACK 3 * DIRECT BLACK 38 * DIRECT DEEP BLACK E * DIRECT DEEP BLACK E EXTRA * DIRECT DEEP BLACK EA-CF * DIRECT DEEP BLACK EAC * DIRECT DEEP BLACK EW * DIRECT DEEP BLACK EX * ENIANIL BLACK CN * ERIE BLACK B * ERIE BLACK BF * ERIE BLACK GAC * ERIE BLACK GXOO * ERIE BLACK JET * ERIE BLACK NUG * ERIE BLACK RXOO * ERIE BRILLIANT BLACK S * ERIE FIBRE BLACK VP * FENAMIN BLACK E * FIBRE BLACK VF * FIXANOL BLACK E * FORMALINE BLACK C * FORMIC BLACK C * FORMIC BLACK CW * FORMIC BLACK BA * FORMIC BLACK MTG * FORMIC BLACK TG * HISPAMIN BLACK EF * INTERCHEM DIRECT BLACK Z * KAYAKU DIRECT DEEP BLACK EX * KAYAKU DIRECT DEEP BLACK GX * KAYAKU DIRECT DEEP BLACK S * KAYAKU DIRECT LEATHER BLACK EX * KAYAKU DIRECT SPECIAL BLACK AAX * LURAZOL BLACK BA * META BLACK * MITSUI DIRECT BLACK EX * MITSUI DIRECT BLACK GX * NCI-C54557 * NIPPON DEEP BLACK * NIPPON DEEP BLACK GX * PAPER BLACK BA * PAPER BLACK T * PAPER DEEP BLACK C * PARAMINE BLACK B * PARAMINE BLACK E * PEERAMINE BLACK E * PEERAMINE BLACK GXOO * PHENAMINE BLACK BCN-CF * PHENAMINE BLACK CL * PHENAMINE BLACK E * PHENAMINE BLACK E 200 * PHENO BLACK EP * PHENO BLACK SGN * PONTAMINE BLACK E * PONTAMINE BLACK EBN * SANDOPEL BLACK EX * SERISTAN BLACK B * TELON FAST BLACK E * TETRAZO DEEP BLACK G * TERTRODIRECT BLACK E * TETRODIRECT BLACK EFD * UNION BLACK EM * VONDACEL BLACK N

MUTATION DATA AND REFERENCES:

	mmo-sat 10 ug/plate	TOLED5 4,519,79
	mma-sat 10 ug/plate	TOLED5 4,519,79
	bfa-rat/sat 300 mg/kg	IAEHDW 49,177,81

TUMORIGENIC DATA AND REFERENCES:

2V01L60	orl-rat TDLo:6825 mg/kg/13W-C	NCITR* NCI-CG-TR-108,78
2V03M60	orl-mus TDLo:34 mg/kg/60W-C	TJIDAH 88,467,73
2V03M60	imp-mus TDLo:80 mg/kg	TJIDAH 88,467,73

REVIEW AND REFERENCES:

★	CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 29,295,82
★	CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 29,295,82

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NCITR* NCI-CG-TR-108,78)

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-108,78)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ NIOSH CURRENT INTELLIGENCE BULLETIN 24, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0779-0295
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ6195050 2,6-NAPHTHALENEDISULFONIC ACID, 4-AMINO-5-HYDROXY-3-((4'-((4-HYDROXYPHENYL)AZO)(1,1'- BIPHENYL)-4-YL)AZO)-6-(PHENYLAZO)-, DISODIUM SALT

UPDT:8401 CAS: 3626-28-6 MW: 769.76 MOLFM: C34-H25-N7-O8-S2 2Na

SYN: AIREDALE GREEN BWD * AIZEN DIRECT DARK GREEN BH * AMANIL GREEN LT * ATLANTIC DARK GREEN * ATLANTIC GREEN WT * ATUL DIRECT DARK GREEN P * AZINE DARK GREEN BH/C * AZOCARD DARK GREEN B * BENCIDAL DARK GREEN B * BENZANIL DARK GREEN BW * BENZO DARK GREEN B * BENZO DARK GREEN BA-CF * BRASILAMINA GREEN B * CALCOMINE DARK GREEN BG * CHLORAZOL DARK GREEN PL * CHROME LEATHER DARK GREEN N * CHROME LEATHER DARK GREEN S * CHROME LEATHER GREEN B * C.I. 30280 * C.I. DIRECT GREEN 1 * CRESOTINE DARK GREEN B * DARK GREEN EMBL * DIACOTTON DARK GREEN * DIAMINE DARK GREEN B * DIAMINE DARK GREEN N * DIAPHTHAMINE FAST BLACK FE * DIAZINE DARK GREEN BO * DIAZINE DARK GREEN P * DIAZOL GREEN BLACK N * DIPHENYL DARK GREEN B * DIPHENYL DARK GREEN BN * DIRECT BLACK GREEN * DIRECT DARK GREEN A * DIRECT DARK GREEN B * DIRECT DARK GREEN BF * DIRECT DARK GREEN BG * DIRECT DARK GREEN MB * DIRECT DARK GREEN S * DIRECT DARK GREEN SUPRA * DIRECT DARK GREEN WS * DIRECT DEEP GREEN A * DIRECT GREEN WAC * ENIANIL DARK GREEN BG * ERIE GREEN WT * FENAMIN GREEN M * HISPAMIN GREEN WT * KAYAKU DIRECT DARK GREEN B * MITSUI DIRECT DARK GREEN BX * NAPHTHAMINE DARK GREEN B * NIPPON DARK GREEN B * PHENAMINE DARK GREEN B * POLYCOR DARK GREEN S * PONTAMINE GREEN S * SANDOPEL DARK GREEN B * SHIKISO DIRECT DARK GREEN B * TERTRODIRECT GREEN BG * UNION DARK GREEN B * VONDACEL GREEN DB

MUTATION DATA AND REFERENCES:

	bfa-rat/sat 1500 mg/kg	SAIGBL 22,194,80

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

QJ6300000 2,7-NAPHTHALENEDISULFONIC ACID, 4-((4-ANILINO-5-SULFO-1-NAPHTHYL)AZO)-5-HYDROXY-, TRISODIUM SALT

UPDT:8406 CAS: 3861-73-2 MW: 698.63 MOLFM: C26-H19-N3-O10-S3 3Na

SYN: ACID BLUE 92 * ACID BLUE A * ACID LEATHER BLUE R * ACID WOOL BLUE RL * ACILAN FAST NAVY BLUE R * AIREDALE BLUE RL * AMACID FAST BLUE R * ANAZOLENE, SODIUM * 4-((4-ANILINO-5-SULFO-1-NAPHTHYL)AZO)-5-HYDROXY-2,7-NAPHTHALENEDISULFONIC ACID TRISODIUM * BENZYL BLUE R * BENZYL FAST BLUE R * BUCACID FAST WOOL BLUE R * CALCOCID FAST BLUE SR * C.I. 13390 * C.I. ACID BLUE 92 * C.I. ACID BLUE 92, TRISODIUM SALT * CIRENE BRILLIANT BLUE R * COLACID BLUE A * COOMASSIE BLUE * COOMASSIE BLUE MEDICINAL * COOMASSIE BLUE RL * CYANINE ACID BLUE R * CYANINE ACID BLUE R NEW * FAST ACID BLUE RL * FAST WOOL BLUE R * FENAZO BLUE SR * HISPACID FAST BLUE R * MEDIUM BLUE EMBL * PONTACYL FAST BLUE R * SODIUM AMAZOLENE * SODIUM ANAZOLENE * SULFONINE ACID BLUE R * SULPHON ACID BLUE R * SULPHON ACID BLUE RA * TERTRACID FAST BLUE SR * TRISODIUM 4'-ANILINO-8-HYDROXY-1,1'-AZONAPHTHALENE-3,6,5'-TRISULFONATE * VONDAMOL FAST BLUE R * WOOL BLUE RL * WOOL FAST BLUE R

MUTATION DATA AND REFERENCES:

	dnd-esc 10 umol/L	MUREAV 89,95,81

TOXICITY DATA AND REFERENCES:

*	ivn-mus LDLo:450 mg/kg	BHJUAV 21,492,59

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

QJ6400000 2,7-NAPHTHALENEDISULFONIC ACID, 3,3'-((4,4'-BIPHENYLYLENE)BIS(AZO))BIS(5-AMINO-4-HYDROXY-, TETRASODIUM SALT

UPDT:8412 CAS: 2602-46-2 MW: 932.78 MOLFM: C32-H20-N6-O14-S4 4Na

SYN: AIREDALE BLUE 2BD * AIZEN DIRECT BLUE 2BH * AMANIL BLUE 2BX * ATLANTIC BLUE 2B * ATUL DIRECT BLUE 2B * AZOCARD BLUE 2B * AZOMINE BLUE 2B * BELAMINE BLUE 2B * BENCIDAL BLUE 2B * BENZANIL BLUE 2B * BENZO BLUE BBA-CF * BENZO BLUE BBN-CF * BENZO BLUE GS * BLUE 2B * BLUE 2B SALT * BRASILAMINA BLUE 2B * CALCOMINE BLUE 2B * CHLORAMINE BLUE 2B * CHLORAZOL BLUE B * CHLORAZOL BLUE BP * CHROME LEATHER BLUE 2B * C.I. 22610 * C.I. DIRECT BLUE 6 * C.I. DIRECT BLUE 6, TETRASODIUM SALT * CRESOTINE BLUE 2B * DIACOTTON BLUE BB * DIAMINE BLUE 2B * DIAMINE BLUE BB * DIAPHTAMINE BLUE BB * DIAZINE BLUE 2B * DIAZOL BLUE 2B * DIPHENYL BLUE 2B * DIPHENYL BLUE KF * DIPHENYL BLUE M2B * DIRECT BLUE 6 * DIRECT BLUE A * DIRECT BLUE 2B * DIRECT BLUE BB * DIRECT BLUE GS * DIRECT BLUE K * ENIANIL BLUE 2BN * FENAMIN BLUE 2B * FIXANOL BLUE 2B * HISPAMIN BLUE 2B * INDIGO BLUE 2B * KAYAKU DIRECT * MITSUI DIRECT BLUE 2BN * NAPHTAMINE BLUE 2B * NB2B * NCI-C54579 * NIAGARA BLUE 2B * NIPPON BLUE BB * PARAMINE BLUE 2B * PHENAMINE BLUE BB * PHENO BLUE 2B * PONTAMINE BLUE BB * SODIUM DIPHENYL-4,4'-BIS-AZO-2''-8''-AMINO-1''-NAPHTHOL-3'',6''-DISULPHONATE * TERTRODIRECT BLUE 2B * VONDACEL BLUE 2B

MUTATION DATA AND REFERENCES:

	mma-sat 100 nmol/plate	MUREAV 136,33,84

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T41T42T34	ipr-rat TDLo:200 mg/kg (8D preg)	PSEBAA 127,215,68
1T25	ipr-rat TDLo:140 mg/kg (8D preg)	PSEBAA 127,215,68
1T39	ipr-rat TDLo:200 mg/kg (8D preg)	TJADAB 2,85,69
1T25	scu-rat TDLo:100 mg/kg (8D preg)	BIJOAK 91,14P,64
1T59	scu-rat TDLo:150 mg/kg (8D preg)	BIJOAK 91,14P,64
2T41T42	scu-rat TDLo:167 mg/kg (8D preg)	TJADAB 4,327,71

TUMORIGENIC DATA AND REFERENCES:

2V01L60	orl-rat TDLo:5250 mg/kg/5W-C	NCITR* NCI-CG-TR-108,78
2V03L60	scu-rat TDLo:750 mg/kg/27W-I	BJEPAS 38,291,57
2V03M60	orl-mus TDLo:34 gm/kg/60W-C	TJIDAH 88,467,73
2V03M60	imp-mus TDLo:80 mg/kg	TJIDAH 88,467,73
2V02L60	orl-rat TD :2310 mg/kg/4W-C	NCITR* NCI-CG-TR-108,78

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ADTEAS 1,131,66

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 29,311,82
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 29,311,82

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NCITR* NCI-CG-TR-108,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-108,78)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ NIOSH CURRENT INTELLIGENCE BULLETIN 24, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ6402500 2,7-NAPHTHALENEDISULFONIC ACID, 3,6-(BIS(4-((2-HYDROXYETHYL)SULFONYL)PHENYL)BIS(AZO))- 5-AMINO-4-HYDROXY-, DI(HYDROGEN SULFATE) ESTER, TETRASODIUM SALT

UPDT:8401 CAS: 17095-24-8 MW: 995.88 MOLFM: C26-H25-N5-O19-S6 4Na

SYN: REMAZOL BLACK B

TUMORIGENIC DATA AND REFERENCES:

3V03L60R60	orl-rat TDLo:72 gm/kg/86W-I	TKORAS 3,53,67
3V03L60R60	scu-rat TDLo:20 gm/kg/71W-I	TKORAS 3,53,67

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ6420000 2,7-NAPHTHALENEDISULFONIC ACID, 3,3'-((3,3'-DIMETHOXY-4,4'-BIPHENYLYLENE)BIS(AZO)BIS(5-AMINO-4-HYDROXY-, TETRASODIUM SALT

UPDT:8412 CAS: 2429-74-5 MW: 996.88 MOLFM: C34-H28-N6-O16-S4 4Na

SYN: AIREDALE BLUE D * AIZEN DIRECT SKY BLUE 5BH * AMANIL SKY BLUE * ATLANTIC SKY BLUE A * ATUL DIRECT SKY BLUE * AZINE SKY BLUE 5B * BELAMINE SKY BLUE A * BENZANIL SKY BLUE * BENZO SKY BLUE S * BENZO SKY BLUE A-CF * CHLORAMINE SKY BLUE A * CHLORAMINE SKY BLUE 4B * CHROME LEATHER PURE BLUE * C.I. 24400 * C.I. DIRECT BLUE 15 * C.I. DIRECT BLUE 15, TETRASODIUM SALT * CRESOTINE PURE BLUE * DIACOTTON SKY BLUE 5B * DIAMINE SKY BLUE CI * DIAPHTAMINE PURE BLUE * DIAZOL PURE BLUE 4B * DIPHENYL BRILLIANT BLUE * DIPHENYL SKY BLUE 6B * DIRECT BLUE 10G * DIRECT BLUE 15 * DIRECT BLUE HH * DIRECT PURE BLUE * DIRECT PURE BLUE M * DIRECT SKY BLUE A * ENIANIL PURE BLUE AN * FENAMIN SKY BLUE * HISPAMIN SKY BLUE 3B * KAYAKU DIRECT SKY BLUE 5B * MITSUI DIRECT SKY BLUE 5B * NAPHTAMINE BLUE 10G * NCI-C61290 * NIAGARA BLUE 4B * NIAGARA SKY BLUE * NIPPON DIRECT SKY BLUE * NITTO DIRECT SKY BLUE 5B * PHENAMINE SKY BLUE A * PONTAMINE SKY BLUE 5BX * PONTACYL SKY BLUE 4BX * SHIKISO DIRECT SKY BLUE 5B * SKY BLUE 4B * SKY BLUE 5B * TERTRODIRECT BLUE F * VONDACEL BLUE HH

MUTATION DATA AND REFERENCES:

	mma-sat 500 ug/plate	VHTODE 22,413,80
	mma-sat 300 nmol/plate	MUREAV 16,305,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	ipr-rat TDLo:70 mg/kg (8D preg)	PSEBAA 127,215,68
2T41T42	ipr-rat TDLo:200 mg/kg (8D preg)	PSEBAA 127,215,68
1T39	ipr-rat TDLo:140 mg/kg (8D preg)	TJADAB 2,85,69

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ADTEAS 1,131,66

STATUS:

NTP CARCINOGENESIS STUDIES, ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ6430000 6,8-NAPHTHALENEDISULFONIC ACID, 3,3'-((3,3'-DIMETHOXY-4,4'-BIPHENYLENE)BIS(AZO)BIS(5-AMINO-4-HYDROXY-, TETRASODIUM SALT

UPDT:8408 CAS: 2610-05-1 MW: 996.88 MOLFM: C34-H28-N6-O16-S4 4Na

SYN: AIREDALE BLUE FFD * AMANIL SKY BLUE 6B * AMANIL SKY BLUE FF * ATLANTIC RESIN FAST BLUE * ATLANTIC SKY BLUE 6B * ATLANTIC SKY BLUE FF * ATUL DIRECT SKY BLUE FB * AZINE BRILLIANT BLUE 6B * AZOCARD BLUE 6B * BELAMINE SKY BLUE FF * BENZANIL SKY BLUE FF * BENZANIL SUPRA BLUE 2GN * BENZO BRILLIANT BLUE 6BS * BRASILAMINA SKY BLUE 6B * BRILLIANT BENZO BLUE 6BA-CF * CALCODUR BLUE 6GFL * CALCODUR RESIN FAST BLUE * CALCOMINE SKY BLUE FF * CHICAGO BLUE 6B * CHICAGO SKY BLUE 6B * CHLORAMINE SKY BLUE FF * CHLORANTINE FAST BLUE B5GL * CHLORAZOL SKY BLUE FF * CHROME LEATHER SKY BLUE * C.I. 24410 * C.I. DIRECT BLUE 1 * C.I. DIRECT BLUE 1 TETRASODIUM SALT * CRESOTINE BLUE 6B * DIACOTTON SKY BLUE 6B * DIAPHTAMINE BLUE BS * DIAZINE SKY BLUE FF * DIAZOL PURE BLUE 6B * DIPHENYL BRILLIANT BLUE FF * DIRECT BLUE 1 * DIRECT BLUE 6B * DIRECT BLUE 6BS * DIRECT BLUE FF * DIRECT BLUE FFN * DIRECT BRIGHT BLUE * DIRECT BRILLIANT BLUE FF * DIRECT BRILLIANT BLUE MFF * DIRECT BRILLIANT SKY BLUE 6B * DIRECT PURE BLUE 6B * DIRECT PURE BLUE FF * DIRECT SKY BLUE 6B * DIRECT SKY BLUE 6BS * DIRECT SKY BLUE FF * DIRECT SKY BLUE GREEN SHADE * DIRECT SKY BLUE GS * ENIANIL BRILLIANT BLUE FF * FENAMIN SKY BLUE 3F * FIXANOL SKY BLUE FF * HISPAMIN SKY BLUE 6B * INK BLUE 6B * JAPANOL BRILLIANT BLUE 6BKX * KAYAKU DIRECT SKY BLUE 6B * LUMICREASE BLUE 4GL * LUMICREASE SKY BLUE 6GUL * MITSUI DIRECT BRILLIANT BLUE 6B * NAPHTAMINE SKY BLUE DD * NCI-C61109 * NIAGARA SKY BLUE 6B * NSB6B * NYANZA SKY BLUE 6B * PAPER BLUE 6B * PARAMINE SKY BLUE FF * PHENAMINE BRILLIANT BLUE 6B * PHENO SKY BLUE 6BX * PONTAMINE SKY BLUE * PONTAMINE SKY BLUE 6BX * PONTAMINE SKY BLUE 6BX GREENISH * PONTAMINE SKY BLUE 6x * PURE SKY BLUE 6B * PYRAZOL FAST BRILLIANT BLUE VP * SHIKISO DIRECT SKY BLUE 6B * SIRIUS SUPRA BLUE 4G * SKY BLUE 6B * SOLAR BLUE 4GL * TERTRODIRECT BLUE FF * VEGENTINE BLUE CSW * VONDACEL BLUE FF

MUTATION DATA AND REFERENCES:

	mma-sat 100 nmol/plate	MUREAV 136,33,84
	mma-sat 100 nmol/plate	MUREAV 97,103,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T41T42T34	ipr-rat TDLo:200 mg/kg (8D preg)	PSEBAA 127,215,68
1T25	ipr-rat TDLo:140 mg/kg (8D preg)	PSEBAA 127,215,68
1T39	ipr-rat TDLo:200 mg/kg (8D preg)	TJADAB 2,85,69
1T42	ipr-rat TDLo:100 mg/kg (9D preg)	RMEMDQ 23,93,77

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ6440000 1,3-NAPHTHALENEDISULFONIC ACID, 6,6'-((3,3'-DIMETHYL-4,4'-BIPHENYLYLENE)BIS(AZO))BIS (4-AMINO-5-HYDROXY-, TETRASODIUM SALT

UPDT:8412 CAS: 314-13-6 MW: 960.84 MOLFM: C34-H24-N6-O14-S4 4Na

SYN: 4,4'-BIS(1-AMINO-8-HYDROXY-2,4-DISULFO-7-NAPHTHYLAZO)-3,3'-BITOLYL, TETRASODIUM SALT * 4,4'-BIS(7-(1-AMINO-8-HYDROXY-2,4-DISULFO)NAPHTHYLAZO)-3,3'-BITOLYL, TETRASODIUM SALT * 4,4'-BIS(1-AMINO-8-HYDROXY-2,4-DISULPHO-7-NAPHTHYLAZO)-3,3'-BITOLYL, TETRASODIUM SALT * 4,4'-BIS(7-(1-AMINO-8-HYDROXY-2,4-DISULPHO)NAPHTHYLAZO)-3,3'-BITOLYL, TETRASODIUM SALT * BLEKIT EVANSA (Polish) * CHLORAZOL SKY BLUE FF * C.I. 23860 * C.I. DIRECT BLUE 53 * C.I. DIRECT BLUE 53, TETRASODIUM SALT * DIAMINE SKY BLUE FF * DIAZOBLEU * DIAZOL PURE BLUE BF * DYE EVANS BLUE * EB * EVABLIN * EVANS BLUE * EVANS BLUE DYE * EVANS BLUE, SODIUM SALT * GEIGY BLAU 536 * GEIGY BLUE 536, MED

MUTATION DATA AND REFERENCES:

	mma-sat 33 ug/plate	CRNGDP 3,21,82
	pic-esc 100 mmol/L	MDMIAZ 31,11,79
	dns-rat:lvr 100 umol/L	MUREAV 136,255,84
	dnd-mus-skn 192 umol/kg	CRNGDP 5,231,84
	dns-ham:lvr 10 umol/L	MUREAV 136,255,84

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T25T41T42	ipr-rat TDLo:70 mg/kg (8D preg)	PSEBAA 127,215,68
1T34	ipr-rat TDLo:70 mg/kg (8D preg)	PSEBAA 127,215,68
1T39	ipr-rat TDLo:140 mg/kg (8D preg)	TJADAB 2,85,69
1T41	scu-rat TDLo:150 mg/kg (7-9D preg)	ANREAK 118,369,54

TUMORIGENIC DATA AND REFERENCES:

3V03L60P61	ipr-rat TDLo:850 mg/kg/34W-I	APHGBP 33,1,53

TOXICITY DATA AND REFERENCES:

*	ipr-mus LDLo:200 mg/kg	BHJUAV 21,492,59

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ADTEAS 1,131,66

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 8,151,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ6475000 2,7-NAPHTHALENEDISULFONIC ACID, 3,3'-((3,3'-DIMETHYL-4,4'-BIPHENYLYLENE)BIS(AZO))BIS(5- AMINO-4-HYDROXY-, TETRASODIUM SALT

UPDT:8412 CAS: 72-57-1 MW: 964.88 MOLFM: C34-H28-N6-O14-S4 4Na

SYN: AMANIL SKY BLUE * AMANIL SKY BLUE R * AMIDINE BLUE 4B * AZIDINBLAU 3B * AZIDINE BLUE 3B * AZURRO DIRETTO 3B * BENCIDAL BLUE 3B * BENZAMINBLAU 3B * BENZAMINE BLUE * BENZAMINE BLUE 3B * BENZANIL BLUE 3BN * BENZANIL BLUE R * BENZOBLAU 3B * BENZO BLUE * BENZO BLUE 3B * BENZO BLUE 3BS * BLEU DIAMINE * BLEU DIAZOLE N 3B * BLEU DIRECTE 3B * BLEUE DIRETTO 3B * BLEU TRYPANE N * BLUE 3B * BLUE EMB * BRASILAMINA BLUE 3B * BRASILAZINA BLUE 3B * CENTRALINE BLUE 3B * CHLORAMIBLAU 3B * CHLORAMINE BLUE * CHLORAMINE BLUE 3B * CHLORAZOL BLUE 3B * CHROME LEATHER BLUE 3B * C.I. 23850 * C.I. DIRECT BLUE 14 * C.I. DIRECT BLUE 14, TETRASODIUM SALT * CONGOBLAU 3B * CONGO BLUE * CONGO BLUE 3B * CRESOTINE BLUE 3B * DIAMINBLAU 3B * DIAMINEBLUE * DIAMINE BLUE 3B * DIANILBLAU * DIANILBLAU H3G * DIANIL BLUE * DIANIL BLUE H3G * DIAPHTAMINE BLUE TH * DIAZINE BLUE 3B * DIAZOL BLUE 3B * DIPHENYL BLUE 3B * DIRECTBLAU 3B * DIRECT BLUE 14 * DIRECT BLUE 3B * DIRECT BLUE 3BX * DIRECT BLUE D3B * DIRECT BLUE FFN * DIRECT BLUE H3G * DIRECT BLUE M3B * DIRECTAKOL BLUE 3BL * HISPAMIN BLUE 3BX * NAPHTAMINE BLUE 2B * NAPHTAMINE BLUE 3BX * NAPHTHAMINBLAU 3BX * NAPHTHAMINE BLUE 3BX * NAPHTHYLAMINE BLUE * NCI C61289 * NIAGARA BLUE * NIAGARA BLUE 3B * ORION BLUE 3B * PARAMINE BLUE 3B * PARKIBLEU * PARKIPAN * PONTAMINE BLUE 3BX * PYRAZOL BLUE 3B * PYROTROPBLAU * RCRA WASTE NUMBER U236 * RENOLBLAU 3B * SODIUM DITOLYLDISAZOBIS-8-AMINO-1-NAPHTHOL-3,6-DISULFONATE * SODIUM DITOLYLDISAZOBIS-8-AMINO-1-NAPHTHOL-3,6-DISULPHONATE * TB * TRIANOL DIRECT BLUE 3B * TRIAZOLBLAU 3BX * TRIPAN BLUE * TRYPANBLAU (German) * TRYPAN BLUE * TRYPAN BLUE BPC * TRYPAN BLUE SODIUM SALT * TRYPANE BLUE

MUTATION DATA AND REFERENCES:

	mma-sat 250 ug/plate	MUREAV 56,249,78
	dnd-esc 20 umol/L	MUREAV 89,95,81
	mma-asn 50 mg/L	NATUAS 226,276,70
	dns-rat-orl 125 mg/kg	ENMUDM 5,488,83
	dns-rat:lvr 10 umol/L	MUREAV 136,255,84
	cyt-mus-ipr 100 mg/kg	CNJGA8 10,91,68
	dns-ham:lvr 100 umol/L	MUREAV 136,255,84

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T25T41T46	orl-rat TDLo:150 mg/kg (7-9D preg)	MEXPAG 1[illegible],201,64
1T46	ipr-rat TDLo:40 mg/kg (8D preg)	TJADAB 28,12A,83
2T25T35T41	ipr-rat TDLo:12500 ug/kg (8D preg)	JPETAB 144,429,64
1T45	ipr-rat TDLo:12500 ug/kg (8D preg)	JPETAB 144,429,64
1T59	ipr-rat TDLo:80 mg/kg (9D preg)	RMEMDQ 23,93,77
1T42	ipr-rat TDLo:14 mg/kg (8D preg)	TJADAB 23,95,81
3T26T34T25	scu-rat TDLo:150 mg/kg (8D preg)	ARZNAD 27,2102,77
3T25T41T42	scu-rat TDLo:50 mg/kg (8D preg)	JEEMAF 11,175,63
1T46	scu-rat TDLo:50 mg/kg (8D preg)	JEEMAF 11,175,63
1T47	scu-rat TDLo:50 mg/kg (8D preg)	AJANA2 102,65,58
2T26T41	ivn-rat TDLo:50 mg/kg (8D preg)	ANREAK 159,453,67
1T25	ivn-rat TDLo:15 mg/kg (8D preg)	ANREAK 159,453,67
1T47	par-rat TDLo:5 mg/kg (8D preg)	TJADAB 15,32A,77
1T25	par-rat TDLo:50 mg/kg (8D preg)	NATUAS 200,699,63
2T41T46	par-rat TDLo:150 mg/kg (8-10D preg)	JOANAY 100,361,66
2T41T46	unk-rat TDLo:225 mg/kg (7-9D preg)	DMCSAD 25,50,71
1T29	ipr-mus TDLo:100 mg/kg (6D preg)	TJADAB 29,393,84
3T41T42T45	ipr-mus TDLo:66667 ug/kg (8D preg)	TJADAB 3,371,70
2T25T34	ipr-mus TDLo:66667 ug/kg (8D preg)	TJADAB 3,371,70
1T46	ipr-mus TDLo:20 mg/kg (8D preg)	NCIMAV 2,41,60
1T59	ipr-mus TDLo:100 mg/kg (7D preg)	JEZOAO 171,343,69
3T25T34T59	scu-mus TDLo:25 mg/kg (8D preg)	NNAPBA 267,31,70
3T25T26T46	scu-mus TDLo:160 mg/kg (8D preg)	TXAPA9 31,191,75
3T41T42T43	scu-mus TDLo:45 mg/kg (6-14D preg)	NTIS** PB223-160
1T35	scu-mus TDLo:45 mg/kg (6-14D preg)	NTIS** PB223-160
3T41T46T50	scu-rbt TDLo:150 mg/kg (1D pre/2-7D preg)	ANREAK 133,513,59
2T25T35	scu-rbt TDLo:150 mg/kg (1D pre/2-7D preg)	ANREAK 133,513,59
2T47T50	ivn-pig TDLo:100 mg/kg (10D preg)	JPDSA3 5,232,70
3T34T26T16	scu-gpg TDLo:40 mg/kg (11D preg)	ANREAK 141,173,61
3T43T46T45	scu-gpg TDLo:40 mg/kg (11D preg)	ANREAK 141,173,61
1T25	scu-gpg TDLo:40 mg/kg (11D preg)	ANREAK 136,270,60
1T25	par-gpg TDLo:33 mg/kg (11D preg)	ANREAK 157,617,67
3T35T25T34	scu-ham TDLo:20 ug/kg (8D preg)	LIFSAK 8,525,69
3T41T45T55	scu-ham TDLo:20 ug/kg (8D preg)	LIFSAK 8,525,69
1T46	scu-ham TDLo:130 ug/kg (8D preg)	PSEBAA 130,1168,69
1T59	scu-ham TDLo:900 ug/kg (8D preg)	AJOGAH 123,705,75
2T25T34	scu-mam TDLo:25 mg/kg (18D preg)	TJADAB 18,187,78
2T43T45	scu-mam TDLo:25 mg/kg (13D preg)	TJADAB 18,187,78
2T46T53	scu-mam TDLo:50 mg/kg (13D preg)	TJADAB 18,187,73

TUMORIGENIC DATA AND REFERENCES:

2V01V10	scu-rat TDLo:630 mg/kg/43W-I	BJEPAS 33,524,52
2V03P62	par-rat TDLo:250 mg/kg/10W-I	CANCAR 5,792,52
3V02L60V10	scu-rat TD :7500 mg/kg/86W-I	LAINAW 12,1221,63
3V03L60P61	scu-mus TD :1275 mg/kg/34W-I	APHGBP 33,1,53
3V03L60P62	scu-rat TD :1300 mg/kg/1Y-I	AJPAA4 106,326,82
3V03L60P62	scu-rat TD :300 mg/kg/6W-I	AJPAA4 106,326,82

TOXICITY DATA AND REFERENCES:

	ipr-rat LDLo:300 mg/kg	PSEBAA 31,825,34
	scu-rat LDLo:300 mg/kg	PSEBAA 31,825,34
	ivn-rat LDLo:300 mg/kg	PSEBAA 31,825,34
	ipr-mus LDLo:350 mg/kg	PSEBAA 31,825,34
	scu-mus LD50:267 mg/kg	NNAPBA 267,31,70
	ivn-mus LDLo:100 mg/kg	PSEBAA 31,825,34
	ipr-rbt LDLo:400 mg/kg	PSEBAA 31,825,34
	ivn-rbt LDLo:100 mg/kg	PSEBAA 31,825,34
	ipr-gpg LDLo:250 mg/kg	PSEBAA 31,825,34
	scu-gpg LDLo:300 mg/kg	PSEBAA 31,825,34

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ADTEAS 1,131,66; CLPTAT 5,480,64; ARVPAX 5,447,65; JOPDAB 59,1,61

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 8,267,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ6475500 1,3-NAPHTHALENEDISULFONIC ACID, 8-((3,3'-DIMETHYL-4'-((4-(((4-METHYLPHENYL)SULFONYL)OXY) PHENYL)AZO)(1,1'-BIPHENYL)-4-YL)AZO)-7-HYDROXY-, DISODIUM SALT

UPDT:8412 CAS: 6459-94-5 MW: 832.87 MOLFM: C37-H30-N4-O10-S3 .2Na

SYN: ACID LEATHER RED BG * ACID RED 114 * BENZYL FAST RED BG * BENZYL RED BR * C.I. 23635 * C.I. ACID RED 114 * C.I. ACID RED 114, DISODIUM SALT * ERIONYL RED RS * FENAFOR RED PB * FOLAN RED B * KAYANOL MILLING RED RS * LEATHER FAST RED B * LEVANOL RED GG * MIDLON RED PRS * MILLING FAST RED B * MILLING RED B * MILLING RED BB * MILLING RED SWB * NCI C61096 * POLAR RED RS * SELLA FAST RED RS * SULPHONOL RED R * SUMINOL MILLING RED RS * SUPRANOL FAST RED GG * SUPRANOL RED PBX-CF * SUPRANOL RED R * TELON FAST RED GG * TETRACID MILLING RED G * VONDAMOL FAST RED RS

MUTATION DATA AND REFERENCES:

	mma-sat 300 nmol/plate	MUREAV 136,33,84
	mma-sat 125 ug/plate	VHTODE 22,413,80

STATUS:

NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984

REPORTED IN EPA TSCA INVENTORY, 1983

QJ6476000 1,3-NAPHTHALENEDISULFONIC ACID, 8-((4'-((4-ETHOXYPHENYL)AZO)-3,3'-DIMETHYL(1,1'-BIPHENYL)-4- YL)AZO)-7-HYDROXY-, DISODIUM SALT

UPDT:8305 CAS: 6358-29-8 MW: 706.74 MOLFM: C32-H28-N4-O8-S2 .2Na

SYN: AIREDALE SCARLET 3BD * AMANIL FAST SCARLET 3B * ATLANTIC SCARLET 3B * BENZANIL SCARLET 3B * BENZANOL BRILLIANT SCARLET 3B * BENZO RED 3B * BENZYL SCARLET 3BS * CALCOMINE SCARLET 3B * CHLORAMINE RED 3B * CHROME LEATHER SCARLET 3BS * C.I. 23630 * C.I. DIRECT RED 39 * DIAMINE SCARLET 3BA-CF * DIAPHTAMINE FAST SCARLET * DIAZOL SCARLET 3B * DIPHENYL RED 3BS * DIPHENYL SCARLET 3BS * DIRECT FAST SCARLET 3B * DIRECT RED 39 * DIRECT SCARLET 3BS * ERIE SCARLET 3B * FENAMIN SCARLET 3B * KAYAKU DIRECT SCARLET 3B * MITSUI DIRECT SCARLET 3BX * PAPER SCARLET 3BX * PARAMINE FAST SCARLET 3B * PHENAMINE SCARLET 3B * PHENO FAST SCARLET 4B * PONTAMINE SCARLET 3B * SHIKISO DIRECT SCARLET 3B * TRIAZOL FAST SCARLET 3B * UNION FAST SCARLET 3B

MUTATION DATA AND REFERENCES:

	mma-sat 125 ug/plate	VHTODE 22,413,80

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

QJ6477000 2,7-NAPHTHALENEDISULFONIC ACID, 3-HYDROXY-, DISODIUM SALT

UPDT:8305 CAS: 135-51-3 MW: 348.26 MOLFM: C10-H6-O7-S2 .2Na

SYN: FERRICON * 2-NAPHTHOL-3,6-DISULFONIC ACID SODIUM SALT * R SALT

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-rat TDLo:2 gm/kg (1-20D preg)	FCTXAV 11,355,73
1T46	orl-rat TDLo:300 mg/kg (1-20D preg)	FCTXAV 11,355,73

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ6478000 2,7-NAPHTHALENEDISULFONIC ACID, 4-HYDROXY-3-((4'-((2-HYDROXY-1-NAPHTHALENYL)AZO)-2,2'- DIMETHYL(1,1')-BIPHENYL)-4-YL)AZO)-, DISODIUM SALT

UPDT:8401 CAS: 3701-40-4 MW: 728.74 MOLFM: C34-H26-N4-O8-S2 .2Na

SYN: ACIDINE RED RD * ACID LEATHER RED 2BG * ACID RED 99 * AIREDALE RED RM * BENZYL FAST RED 2BG * BRILLIANT MILLING RED * CALCOCID MILLING RED RC * C.I. 23285 * C.I. ACID RED 99 * C.I. ACID RED 99, DISODIUM SALT * COOMASSIE RED R * ELITE FAST RED BG * ELITE FAST RED R * ELITE FAST RED RS * KAYANOL RED RS * MILLING FAST RED R * MILLING FAST RED RS * MILLING RED PRX * NAPHTHALENE LEATHER RED R * OPTANOL RED R * PHARMANIL RED RB * POLAR RED GBD * POLAR RED R * SHIKISO ACID RED RS * SULFONINE RED RS * SUMINOL MILLING RED GRS * SUMINOL RED RS * SUPRANOL FAST RED RX * TAKAOKA ACID RED RS

MUTATION DATA AND REFERENCES:

	mma-sat 125 ug/plate	VHTODE 22,413,80

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

QJ6480000 2,7-NAPHTHALENEDISULFONIC ACID, 3-HYDROXY-4-NITROSO-, DISODIUM SALT

UPDT:8406 CAS: 525-05-3 MW: 377.26 MOLFM: C10-H5-N-O8-S2 .2Na

SYN: 3-HYDROXY-4-NITROSO-2,7-NAPHTHALENEDISULFONIC ACID DISODIUM SALT

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:320 mg/kg	CSLNX* NX#056[illegible]

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

QJ6500000 1,3-NAPHTHALENEDISULFONIC ACID, 7-HYDROXY-8-(PHENYLAZO)-, DISODIUM SALT

UPDT:8412 CAS: 1936-15-8 MW: 452.38 MOLFM: C16-H10-N2-O7-S2 .2Na

SYN: ACIDAL FAST ORANGE * ACID FAST ORANGE EGG * ACID FAST ORANGE G * ACID LEATHER ORANGE KG * ACID LEATHER ORANGE PGW * ACID LIGHT ORANGE G * ACID LIGHT ORANGE J * ACID LIGHT ORANGE JA EXPORT * ACID LIGHT ORANGE SX * ACID ORANGE 10 * ACID ORANGE G * ACID ORANGE 2G * ACID ORANGE GG * ACILAN ORANGE GX * APOCID ORANGE 2G * ATUL ACID CRYSTAL ORANGE G * BRASILAN ORANGE 2G * BUCACID FAST ORANGE G * CALCOCID FAST LIGHT ORANGE 2G * CERTICOL ORANGE GS * CETIL LIGHT ORANGE GG * C.I. 27 * C.I. 16230 * C.I. ACID ORANGE 10 * C.I. ACID ORANGE 10, DISODIUM SALT * C.I. FOOD ORANGE 4 * COLACID ORANGE G * CRYSTAL ORANGE 2G * D & C ORANGE No. 3 * ENIACID LIGHT ORANGE G * ERIO FAST ORANGE AS * FAST LIGHT ORANGE GA * FAST LIGHT ORANGE GA-CF * FAST ORANGE G * HEXACOL ORANGE GG CRYSTALS * HIDACID FAST ORANGE C * HIDACID FAST ORANGE 2G * HISPACID FAST ORANGE 2G * 7-HYDROXY-8-(PHENYLAZO)-1,3-NAPHTHALENEDISULFONIC ACID, DISODIUM SALT * 7-HYDROXY-8-(PHENYLAZO)-1,3-NAPHTHALENEDISULPHONIC ACID, DISODIUM SALT * JAVA ORANGE 2G * KITON FAST ORANGE G * INK ORANGE JSN * INTRACID FAST ORANGE G * NAPHTHALENE FAST ORANGE 2G * NAPHTHALENE FAST ORANGE 2GS * NAPHTHALENE ORANGE SOLIDE GG * NCI-C53838 * NEKLACID FAST LIGHT ORANGE GG * NEKLACID FAST ORANGE 2G * ORANGE #10 * 1370 ORANGE * ORANGE BPC * ORANGE G * ORANGE 2G * ORANGE G (BIOLOGICAL STAIN) * ORANGE G BPC * ORANGE G DYE * ORANGE GG * ORANGE G (INDICATOR) * ORANGE GMP * ORANZ G (Polish) * 1-PHENYLAZO-2-NAPHTHOL-6,8-DISULFONIC ACID, DISODIUM SALT * 1-PHENYLAZO-2-NAPHTHOL-6,8-DISULPHONIC ACID, DISODIUM SALT * SCHULTZ NO. 39 * SOLAR LIGHT ORANGE GX * STANDACOL ORANGE G * STRAIGHT ORANGE G * SULFACID LIGHT ORANGE J * TERTRACID LIGHT ORANGE G * UNITERTRACID LIGHT ORANGE G * VENDACID LIGHT ORANGE 2G * WOOL ORANGE G * WOOL ORANGE 2G * XYLENE FAST ORANGE G

MUTATION DATA AND REFERENCES:

	pic-esc 100 mmol/L	MDMIAZ 31,11,79
	cyt-ham:ovr 20 umol/L/5H-C	ENMUDM 1,27,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-pig TDLo:28 gm/kg (16W male)	FCTXAV 11,367,73

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 8,181,75

STATUS:

NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ6530000 1,3-NAPHTHALENEDISULFONIC ACID, 7-HYDROXY-8-((4-SULFO-1-NAPHTHYL)AZO)-, TRISODIUM SALT

UPDT:8406 CAS: 2611-82-7 MW: 607.51 MOLFM: C20-H14-N2-O10-S3 .3Na

SYN: ACIDAL BRIGHT PONCEAU 3R * ACID BRILLIANT SCARLET 3R * ACID PONCEAU 4R * ACID RED 18 * ACID SCARLET 3R * ACID SCARLET 4R * ACID SCARLET 3RZ * ACILAN SCARLET V3R * AIZEN BRILLIANT SCARLET 3RH * ATUL ACID SCARLET 3R * ATUL SCARLET F * BRILLIANT PONCEAU 3R * BRILLIANT PONCEAU 4R * BRILLIANT PONCEAU 5R * BRILLIANT PONCEAU 4RC * BRILLIANT PONCEAU 4RC SPECIALLY PURE * BRILLIANT PONCEAU 3RF * BRILLIANT SCARLET * BRILLIANT SCARLET 3R * BRILLIANT SCARLET 4R * BUCACID BRILLIANT SCARLET 3R * CALCOCID BRILLIANT SCARLET 3RN * CERTICOL PONCEAU 4RS * CILEFA PONCEAU 4R * COCCINE * COCCIN RED * COCHINEAL RED A * COCHINEAL RED A SPECIALLY PURE * COCHINEAL RED 4R * COLACID PONCEAU 4R * C.I. 16255 * C.I. ACID RED 18 * C.I. ACID RED 18, TRISODIUM SALT * C.I. FOOD RED 7 * CRIMSON SX * CUROL BRIGHT RED 4R * DAISHIKI BRILLIANT SCARLET 3R * EDICOL SUPRA PONCEAU 4R * EUROCERT COCHINEAL RED A * FENAZO SCARLET 3R * FOOD RED 6 * FOOD RED 7 * FOOD RED No. 102 * HD PONCEAU 4R * HD PONCEAU 4R SUPRA * HEXACOL PONCEAU 4R * HIDACID FAST SCARLET 3R * HISPACID BRILLIANT SCARLET 3RF * JAVA SCARLET 3R * KAYAKU ACID BRILLIANT SCARLET 3R * KAYAKU FOOD COLOUR RED NO. 102 * KITON SCARLET 4R * KOCHINEAL RED A FOR FOOD * NAPHTHALENE INK SCARLET 4R * NAPHTHALENE SCARLET 4R * NAPHTHALENE SCARLET 4RS * NEKLACID RED 3R * NEKLACID RED 4R * NEW COCCIN * NEW COCCINE * NEW COCCINE EXTRA CONC. A EXPORT * NEW COCCINE EXTRA PURE A * PONCEAU 4R * PONCEAU 4R ALUMINUM LAKE * PONCEAU 4RE * PONCEAU 4RE FQ * PONCEAU 4RF * PONCEAU 4RT * PONTACYL SCARLET RR * PURPLE RED * PURPLE SX * RAKUTO BRILLIANT SCARLET 3R * 1578 RED * SAN-EI BRILLIANT SCARLET 3R * STRAWBERRY RED A GEIGY * SUGAI BRILLIANT SCARLET 3R * 1-(4-SULPHO-1-NAPHTHYLAZO)-2-NAPHTHOL-6,8-DISULPHONIC ACID, TRISODIUM SALT * SX PURPLE * SYMULON ACID BRILLIANT SCARLET 3R * TAKAOKA BRILLIANT SCARLET 3R * VICTORIA SCARLET 3R * VICTORIA SCARLET RED

TUMORIGENIC DATA AND REFERENCES:

2V03L60	orl-rat TDLo:428 gm/kg/64W-I	VPITAR 29,61,70

TOXICITY DATA AND REFERENCES:

3F07F12F24	ipr-rat LD50:600 mg/kg	FCTXAV 5,187,67
*	unk-rat LD50:2 gm/kg	NAIZAM 30,179,79
3F07F12F24	ipr-mus LD50:1600 mg/kg	FCTXAV 5,187,67

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ6550000 2,7-NAPHTHALENEDISULFONIC ACID, 3-HYDROXY-4-((4-SULFO-1-NAPHTHYL)AZO)-, TRISODIUM SALT

UPDT:8403 CAS: 915-67-3 MW: 604.48 MOLFM: C20-H11-N2-O10-S3 .3Na

SYN: ACETACID RED 2BR * ACID AMARANTH * ACID AMARANTH I * ACID AMARANTH N * ACID LEATHER RED 12BW * ACID LEATHER RUBINE S * ACID RED 37 * ACILAN RED SE * AIZEN AMARANTH * AMACID AMARANTH * AMARANTH * AMARANTH A * AMARANTH B * AMARANTH BPC * AMARANTHE * AMARANTHE USP (biological stain) * AMARANTH EXTRA * AMARANTH LAKE * AMARANTH S * AMARANTH S SPECIALLY PURE * AMARANTH USP * AMARANTH WD * AZO RED R * AZO RUBINE S * AZO RUBINE SF * AZO RUBINE S.FQ * AZORUBIN S * AZO RUBY S * BORDEAUX * BORDEAUX S * BORDEAUX S EXTRA CONC. A.EXPORT * BORDEAUX S EXTRA PURE A * CALCOCID AMARANTH * CANACERT AMARANTH * CERTICOL AMARANTH S * C.I. 16185 * C.I. ACID RED 27 * C.I. ACID RED 27, TRISODIUM SALT * C.I. FOOD RED 9 * CILEFA RUBINE 2B * DAISHIKI AMARANTH * D AND C RED 2 * DOLKWAL AMARANTH * DYE FDC RED 2 * DYE RED RASPBERRY * EDICOL AMARANTH * EDICOL SUPRA AMARANTH A * EEC NO. 123 * EUROCERT AMARANTH * FAST RED * FD AND C RED NO. 2 * FD AND C RED NO. 2-ALUMINIUM LAKE * FOOD RED 2 * FOOD RED 9 * FRUIT RED A GEIGY * HD AMARANTH B * HD AMARANTH SUPRA * HEXACERT RED NO. 2 * HEXACOL AMARANTH B EXTRA * HIDACID AMARANTH * HISPACID RED AM * 2-HYDROXY-1,1'-AZONAPHTHALENE-3,6,4'-TRISULFONIC ACID TRISODIUM SALT * 3-HYDROXY-4-((4-SULFO-1-NAPHTHALENYL)AZO)-2,7-NAPHTHLENEDISULFONIC ACID, TRISODIUM SALT * 3-HYDROXY-4-((4-SULFO-1-NAPHTHYL)AZO)-2,7-NAPHTHALENEDISULFONIC ACID, TRISODIUM SALT * 3-HYDROXY-4-((4-SULPHO-1-NAPHTHALENYL)AZO)-2,7-NAPHTHALENEDISULPHONIC ACID, TRISODIUM SALT * 3-HYDROXY-4-((4-SULPHO-1-NAPHTHYL)AZO)-2,7-NAPHTHALENEDISULPHONIC ACID, TRISODIUM SALT * JAVA AMARANTH * KAYAKU AMARANTH * KAYAKU FOOD COLOUR RED NO. 2 * KCA FOODCOL AMARANTH A * KITON RUBINE S * LISSAMINE AMARANTH AC * L-RED 3 * MAPLE AMARANTH * NAPHTHOL RED B * NAPHTHOL RED C * NAPHTHOL RED LZS * NAPHTHOL RED O * NAPHTHOL RED S * NAPHTHOL RED S CONC. SPECIALLY PURE * NAPHTHOL RED SI * NAPHTHOL RED S SPECIALLY PURE * NEKLACID RED A * RAKUTO AMARANTH * RASPBERRY RED for JELLIES * 1302 RED * 1508 RED * RED DYE NO. 2 * RED NO. 2 * SAN-EI AMARANTH * S-AZO RUBINE * SHIKISO AMARANTH * SOLAR RED O * 1-(4-SULFO-1-NAPHTHYLAZO)-2-NAPHTHOL-3,6-DISULFONIC ACID TRISODIUM SALT * 1-(4-SULPHO-1-NAPHTHYLAZO)-2-NAPHTHOL-3,6-DISULPHONIC ACID, TRISODIUM SALT * TAKAOKA AMARANTH * TERTRACID RED A * TOYO AMARANTH * TRISODIUM SALT of 1-(4-SULFO-1-NAPHTHYLAZO)-2-NAPHTHOL-3,6-DISULFONIC ACID * TRISODIUM SALT of 1-(4-SULPHO-1-NAPHTHYLAZO)-2-NAPHTHOL-3,6-DISULPHONIC ACID * USACERT RED NO. 2 * VICTORIA RUBINE O * VICTORIA RUBINE O for FOOD * WHORTLEBERRY RED * WOOL BORDEAUX 6RK * WOOL RED * WOOL RED 40F

MUTATION DATA AND REFERENCES:

	mmo-sat 20 ug/L	ENVIDV 9,145,83
	mmo-esc 20 ug/L	ENVIDV 9,145,83
	mrc-smc 20 mg/L	ENVIDV 9,145,83
	cyt-ham:lbr 1 gm/L/48H	MUREAV 48,337,77
	cyt-ham:lng 2 gm/L	GMCRDC 27,95,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	orl-rat TDLo:548 mg/kg (52W pre)	VPITAR 5,28,72
2T22T72	orl-rat TDLo:547 mg/kg (MGN)	VPITAR 29,66,70
2T25T26	orl-rat TDLo:33 mg/kg (1-22D preg)	VPITAR 5,28,72
2T34T46	orl-rat TDLo:65 mg/kg (MGN)	TXCYAC 3,129,75
2T75T81	orl-rat TDLo:296 mg/kg (MGN)	TXCYAC 3,115,75
1T01	orl-rat TDLo:548 mg/kg (52W male)	VPITAR 5,28,72
2T23T24	ipr-mus TDLo:250 mg/kg (1D male)	FCTXAV 14,163,76
1T46	ivn-ham TDLo:100 mg/kg (8D preg)	BECTA6 22,175,79

TUMORIGENIC DATA AND REFERENCES:

3V03K60P62	orl-rat TDLo:680 gm/kg/14W-I	VPITAR 29,61,70
2V01P62	orl-rat TD :1200 gm/kg/78W-C	GASTAB 23,1,53

TOXICITY DATA AND REFERENCES:

1F07	ipr-mus LD50:1000 mg/kg	FCTXAV 14,163,76

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ARVPAX 14,127,74

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 8,41,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ6650000 2,7-NAPHTHALENEDISULFONIC ACID, 3-HYDROXY-4-((2,4,5-TRIMETHYLPHENYL)AZO)-, DISODIUM SALT

UPDT:8401 CAS: 3564-09-8 MW: 494.47 MOLFM: C19-H16-N2-O7-S2 .2Na

SYN: A.F. RED NO. 1 * C.I. 16155 * C.I. FOOD RED 6 * C.I. FOOD RED 6, DISODIUM SALT * DISODIUM 3-HYDROXY-4-((2,4,5-TRIMETHYLPHENYL)AZO)-2,7-NAPHTHALENEDISULFONATE * DISODIUM 3-HYDROXY-4-((2,4,5-TRIMETHYLPHENYL)AZO)-2,7-NAPHTHALENEDISULFONIC ACID * DISODIUM 3-HYDROXY-4-((2,4,5-TRIMETHYLPHENYL)AZO)-2,7-NAPHTHALENEDISULPHONATE * DISODIUM 3-HYDROXY-4-((2,4,5-TRIMETHYLPHENYL)AZO)-2,7-NAPHTHALENEDISULPHONIC ACID * DOLKWAL PONCEAU 3R * EXT. D and C RED No. 15 * FD and C RED No. 1 * 3-HYDROXY-4-((2,4,5-TRIMETHYLPHENYL)AZO)-2,7-NAPHTHALENEDISULPHONIC ACID, DISODIUM SALT * 3-HYDROXY-4((2,4,5-TRIMETHYLPHENYL)AZO)-2,7-NAPHTHALENEDISULFONIC ACID, DISODIUM SALT * MAPLE PONCEAU 3R * PONCEAU 3R * PONCEAU RN * PONCEAU 3R LAKE * PONCEAU 3RN * PONCEAU 3R SODIUM SALT * SODIUM CUMENEAZO-beta-NAPHTHOL DISULFONATE * SODIUM CUMENEAZO-beta-NAPHTHOL DISULPHONATE * USACERT RED No. 1

MUTATION DATA AND REFERENCES:

	mmo-sat 660 nmol/plate	INFIBR 23,686,79

TUMORIGENIC DATA AND REFERENCES:

2V01L60	orl-rat TDLo:730 gm/kg/2Y-C	TXAPA9 5,105,63
2V01L60	orl-mus TDLo:1640 gm/kg/65W-C	TXAPA9 3,509,61
2V01M60	imp-mus TDLo:80 mg/kg	BJCAAI 17,127,63
3V03J60L60	orl-mus TD :1140 gm/kg/68W-C	TXAPA9 5,105,63
2V02L60	orl-rat TD :200 gm/kg/24W-C	TXAPA9 5,105,63

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ARVPAX 14,127,74; AEHLAU 23,6,71

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 8,199,75

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1994

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ6825000 2,7-NAPHTHALENEDISULFONIC ACID, 3-HYDROXY-4-(2,4-XYLYLAZO)-, DISODIUM SALT

UPDT:8401 CAS: 3761-53-3 MW: 480.44 MOLFM: C18-H14-N2-O7-S2 .2Na

SYN: ACETACID RED J * ACIDAL PONCEAU G * ACID LEATHER RED KPR * ACID LEATHER RED P2R * ACID LEATHER SCARLET IRW * ACID PONCEAU R * ACID PONCEAU 2RL * ACID PONCEAU SPECIAL * ACID RED 26 * ACID SCARLET * ACID SCARLET 2B * ACID SCARLET 2BN * ACID SCARLET 2R * ACID SCARLET 2R FOR LAKES * ACID SCARLET 2R FOR LAKES BLUISH * ACID SCARLET 2RL * ACID SCARLET 2RN * ACILAN PONCEAU RRL * AHCOCID FAST SCARLET R * AIZEN PONCEAU RH * AMACID LAKE SCARLET 2R * AMACID SCARLET 2R * BRILLIANT PONCEAU G * CALCOCID 2RIL * CALCOCID SCARLET 2R * CALCOCID SCARLET 2RIL * CALCOLAKE SCARLET 2R * CERTICOL PONCEAU MXS * C.I. 79 * C.I. 16150 * C.I. ACID RED 26 * C.I. ACID RED 26, DISODIUM SALT * C.I. FOOD RED 5 * COLACID PONCEAU SPECIAL * COMACID SCARLET 2R * D&C RED NO. 5 * 4-((2,4-DIMETHYLPHENYL)AZO)-3-HYDROXY-2,7-NAPHTHALENEDISULFONIC ACID, DISODIUM SALT * 4-((2,4-DIMETHYLPHENYL)AZO)-3-HYDROXY-2,7-NAPHTHALENEDISULPHONIC ACID, DISODIUM SALT * DISODIUM (2,4-DIMETHYLPHENYLAZO)-2-HYDROXYNAPHTHALENE-3,6-DISULFONATE * DISODIUM (2,4-DIMETHYLPHENYLAZO)-2-HYDROXYNAPHTHALENE-3,6-DISULPHONATE * DISODIUM SALT OF 1-(2,4-XYLYLAZO)-2-NAPHTHOL-3,6-DISULFONIC ACID * DISODIUM SALT OF 1-(2,4-XYLYLAZO)-2-NAPHTHOL-3,6-DISULPHONIC ACID * EDICOL PONCEAU RS * EDICOL SUPRA PONCEAU R * FENAZO SCARLET 2R * FOOD RED NO. 101 * HEXACOL PONCEAU MX * HEXACOL PONCEAU 2R * HIDACID SCARLET 2R * HISPACID PONCEAU R * 3-HYDROXY-4-(2,4-XYLYLAZO)-3,7-NAPHTHALENEDISULFONIC ACID, DISODIUM SALT * 3-HYDROXY-4-(2,4-XYLYLAZO)-3,7-NAPHTHALENEDISULPHONIC ACID, DISODIUM SALT * JAVA PONCEAU 2R * KITON PONCEAU R * KITON PONCEAU 2R * KITON SCARLET 2RC * LAKE PONCEAU * LAKE SCARLET R * LAKE SCARLET 2RBN * NAPHTHALENE LAKE SCARLET R * NAPHTHALENE SCARLET R * NAPHTHAZINE SCARLET 2R * NEKLACID RED RR * NEW PONCEAU 4R * PAPER RED HRR * PIGMENT PONCEAU R * PONCEAU BNA * PONCEAU DE XYLIDINE * PONCEAU FR * PONCEAU G * PONCEAU GR * PONCEAU J * PONCEAU MX * PONCEAU NR * PONCEAU PXM * PONCEAU R * PONCEAU 2R * PONCEAU R (BIOLOGICAL STAIN) * PONCEAU 2R (BIOLOGICAL STAIN) * PONCEAU 2RE * PONCEAU RED * PONCEAU RED R * PONCEAU 2R EXTRA A EXPORT * PONCEAU RG * PONCEAU 2RL * PONCEAU RS * PONCEAU RR * PONCEAU RR TYPE 8019 * PONCEAU 2RX * PONCEAU XYLIDINE * PONCEAU XYLIDINE (BIOLOGICAL STAIN) * 1695 RED * REC FOR LAKES J * RED R * SCARLET R * SCARLET 2R * SCARLET 2RB * SCARLET 2RL * SCARLET 2RL BLUISH * SCARLET RRA * SCHULTZ NO. 95 * TERTRACID PONCEAU 2R * XYLIDINE PONCEAU * XYLIDINE PONCEAU 3RS * XYLIDINE RED * 1-XYLYLAZO-2-NAPHTHOL-3,6-DISULFONIC ACID, DISODIUM SALT * 1-(2,4-XYLYLAZO)-2-NAPHTHOL-3,6-DISULPHONIC ACID, DISODIUM SALT * 1-(2,4-XYLYLAZO)-2-NAPHTHOL-3,6-DISULPHONIC ACID, DISODIUM SALT * 1-XYLYLAZO-2-NAPHTHOL-3,6-DISULPHONIC ACID, DISODIUM SALT

MUTATION DATA AND REFERENCES:

	mmo-sat 100 ug/plate	CANCAR 49,1970,82
	sce-mus-ipr 63 mg/kg	MUREAV 108,225,83

TUMORIGENIC DATA AND REFERENCES:

2V01L60	orl-mus TDLo:136 gm/kg/81W-C	FCTXAV 6,591,68
2V03K60	orl-mus TD :35 gm/kg/52W	BJCAAI 10,653,56

TOXICITY DATA AND REFERENCES:

2F07F25	ipr-mus LD50:2000 mg/kg	FCTXAV 4,375,66

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 8,189,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,2-(1,8-NAPHTHALENEDIYL)BENZENE see: LL4025000

NAPHTHALENE (DOT) see: QJ0525000

NAPTHALENE, molten **(DOT)** see: QJ0525000

QJ6870000 NAPHTHALENE, 2-(EPOXYETHYL)-

UPDT:8401 CAS: 20861-99-8 MW: 170.22 MOLFM: C12-H10-O

SYN: 2-(EPOXYETHYL)NAPHTHALENE * 2-NAPHTHYLOXIRANE

MUTATION DATA AND REFERENCES:

	mmo-sat 1 nmol/plate	CNREA8 38,3247,78

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

QJ6900000 NAPHTHALENE, 2-ETHOXY-

UPDT:8305 CAS: 93-18-5 MW: 172.24 MOLFM: C12-H12-O

SYN: BROMELIA * 2-ETHOXYNAPHTHALENE * ETHYL beta-NAPHTHOLATE * ETHYL beta-NAPHTHYL ETHER * ETHYL 2-NAPHTHYL ETHER * beta-NAPHTHOL ETHYL ETHER * 2-NAPHTHOL ETHYL ETHER * NEROLIN * NEROLINE * NEROLIN II * NEROLIN NEW

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	FCTXAV 13,681,75

TUMORIGENIC DATA AND REFERENCES:

2V03J60	ipr-mus TDLo:2400 mg/kg/8W-I	CNREA8 33,3069,73

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3110 mg/kg	FCTXAV 13,681,75
	ipr-mus LD50:100 mg/kg	NTIS** AD691-490
*	ivn-mus LD50:100 mg/kg	CSLNX* NX#00191

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ7000000 NAPHTHALENEETHYLAMINE, beta-CHLORO-N-ISOPROPYL-, HYDROCHLORIDE

UPDT:8401 CAS: 20794-96-1 MW: 284.25 MOLFM: C15-H18-Cl-N .Cl-H

SYN: beta-CHLORO-N-ISOPROPYL-2-NAPHTHALENEETHYLAMINE HYDROCHLORIDE

TUMORIGENIC DATA AND REFERENCES:

2V03M60	orl-mus TDLo:18 gm/kg/11W-C	NATUAS 207,594,65

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NAPHTHALENE FAST ORANGE 2G see: QJ6500000

NAPHTHALENE FAST ORANGE 2GS see: QJ6500000

NAPHTHALENE GREEN G see: BQ4375000

QJ7180000 1-NAPHTHALENEHEPTANOIC AICD, 1,2,6,7,8,8a-HEXAHYDRO-beta,delta-DIHYDROXY-2,6-DIMETHYL-8- (2-METHYL-1-OXOBUTOXY)-, AMMONIUM SALT, (1S-(1-alpha(beta-S*,delta-S*),2-alpha,6-beta, 8-beta(R*),8a-beta))-

UPDT:8403 CAS: 75225-51-3 MW: 439.66 MOLFM: C24-H38-O6 .H3-N

SYN: MEVINOLINIC ACID AMMONIUM SALT

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T25T34T46	orl-rat TDLo:749 mg/kg (6-17D preg)	TJADAB 28,449,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ7190000 1-NAPHTHALENEHEPTANOIC ACID, 1,2,4a,5,6,7,8,8a-OCTAHYDRO-beta,delta-DIHYDROXY-2,6-DIMETHYL- 8-(2-METHYL-1-OXOBUTOXY)-, AMMONIUM SALT, (1S-(1-alpha(1-beta-S*,delta-S*),2-alpha,6-beta, 8-beta(R*),8a-beta))-

UPDT:8403 MW: 441.68 MOLFM: C24-H40-O6 .H3-N

SYN: DIHYDROMEVINOLINIC ACID AMMONIUM SALT

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	orl-rat TDLo:1248 mg/kg (6-17D preg)	TJADAB 28,449,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ7350000 NAPHTHALENE, HEXACHLORO-

UPDT:8404 CAS: 1335-87-1 MW: 334.82 MOLFM: C10-H2-Cl6

SYN: HALOWAX 1014 * HEXACHLORONAPHTHALENE

TOXICITY DATA AND REFERENCES:

	orl-ctl LDLo:11 mg/kg	AVSCB8 13,101,69

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AVSCB8 13,101,69

★ TLV-TWA 200 ug/m3; STEL 600 ug/m3 (skin) DTLVS* 4,214,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 200 ug/m3 (skin) (SCP-H) FEREAC 39,23540,74

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S100

'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

NAPHTHALENE INK SCARLET 4R see: QJ6530000
NAPHTHALENE, ISOTHIOCYANATO- see: NX9100000
NAPHTHALENE LAKE GREEN G see: BQ4375000
NAPHTHALENE LAKE ORANGE G see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
NAPHTHALENE LAKE SCARLET R see: QJ6825000
NAPHTHALENE LEATHER GREEN G see: BQ4375000
NAPHTHALENE LEATHER RED R see: QJ6478000
NAPHTHALENE LEATHER YELLOW 2G see: DV3910000
NAPHTHALENE LEATHER YELLOW GL see: GD0197800

QJ9100000 2-NAPHTHALENEMETHANOL, alpha-((ISOPROPYLAMINO)METHYL)-
UPDT 8406 CAS: 54-80-8 MW: 229.35 MOLFM: C15-H19-N-O
SYN: ALDERLIN * COMPOUND 38,174 * INETOL * 2-ISOPROPYLAMINO-1-(NAPHTH-2-YL)ETHANOL * 2-ISOPROPYLAMINO-1-(2-NAPHTHYL)ETHANOL * (2-NAPHTHYL)-1-ISOPROPYLAMINOETHANOL * NAPHTHYLISOPROTERENOL * NEATHALIDE * NETALID * NETH * NETHALIDE * PRONETALOL * PRONETHALOL
MUTATION DATA AND REFERENCES:
dns-hmn:hla 100 umol/L — CNREA8 38,2621,78
TUMORIGENIC DATA AND REFERENCES:
3V03P60T64 orl-mus TDLo:72 gm/kg/43W-C — PSDTAP 4,30,64
3V03N60P62 unk-mus TDLo:200 mg/kg — BMJOAE 2,1266,63
TOXICITY DATA AND REFERENCES:
orl-rat LD50:900 mg/kg — LANCAO 2,311,62
ivn-rat LD50:50 mg/kg — LANCAO 2,311,62
orl-mus LD50:337 mg/kg — JPETAB 149,161,65
ipr-mus LD50:124 mg/kg — JPETAB 149,161,65
ivn-mus LD50:45 mg/kg — BJPCAL 25,577,65
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ9275000 NAPHTHALENEMETHANOL, alpha-((ISOPROPYLAMINO)METHYL)-, HYDROCHLORIDE
UPDT 8401 CAS: 51-02-5 MW: 281.81 MOLFM: C15-H19-N-O2 Cl-H
SYN: ALDERLIN HYDROCHLORIDE * ICI 38174 * I.C.I. HYDROCHLORIDE * INETOL * alpha-((ISOPROPYLAMINO)METHYL)-2-NAPHTHALENEMETHANOL HYDROCHLORIDE * 2-ISOPROPYLAMINO-1-(2-NAPHTHYL)ETHANOL HYDROCHLORIDE * alpha-(((1-METHYLETHYL)AMINO)METHYL)-2-NAPHTHALENEMETHANOL, HYDROCHLORIDE * NAPHTHYLISOPROTERENOL HYDROCHLORIDE * NETHALIDE HYDROCHLORIDE * PRONETHALOL * PRONETHALOL HYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
2V03N60 orl-mus TDLo:10 gm/kg/25W-C — NATUAS 207,594,65
TOXICITY DATA AND REFERENCES:
orl-mus LD50:512 mg/kg — BJPCAL 25,577,65
ipr-mus LD50:145 mg/kg — AIPTAK 195,57,72
ivn-mus LD50:45 mg/kg — BJPCAL 25,577,65
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 13,227,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ9630000 NAPHTHALENE, 1-METHYL-
UPDT 8408 CAS: 90-12-0 MW: 142.21 MOLFM: C11-H10
SYN: alpha-METHYLNAPHTHALENE * 1-METHYLNAPHTHALENE
MUTATION DATA AND REFERENCES:
mma-sat 6 mmol/L/2H — CNREA8 39,4152,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1840 mg/kg — 85GMAT -,85,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QJ9635000 NAPHTHALENE, 2-METHYL-
UPDT 8408 CAS: 91-57-6 MW: 142.21 MOLFM: C11-H10
SYN: beta-METHYLNAPHTHALENE * 2-METHYLNAPHTHALENE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1630 mg/kg — 85GMAT -,85,82
2J02J30 ipr-mus LDLo:1000 mg/kg — TXAPA9 61,185,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QJ9705700 1-NAPHTHALENEMETHYLAMINE, N-PHENETHYL-, HYDROCHLORIDE
UPDT 8311 MW: 297.85 MOLFM: C19-H19-N Cl-H
SYN: CHLORHYDRATE de N-(1-NAPHTHYLMETHYL)-beta-PHENYLETHYLAMINE (French) * N-PHENETHYL-1-NAPHTHALENEMETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:36 mg/kg — APFRAD 13,249,55

QJ9710000 NAPHTHALENE, MONONITRO-
UPDT 8312 CAS: 27254-36-0 MW: 173.18 MOLFM: C10-H7-N-O2
SYN: MONONITRONAPHTHALENE * NAPHTHALENE, NITRO- * NITRONAPHTHALENE * NITRONAPHTHALENE (DOT) * UN 2538 (DOT)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3400 mg/kg — GTPZAB 24(2),39,80
3F07F13F23 unk-mus LD50:3400 mg/kg — GTPZAB 24(12),36,80
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID — CFRGBR 49,172.102,83

NAPHTHALENE, NITRO- see: QJ9710000

QJ9720000 NAPHTHALENE, 1-NITRO-
UPDT 8412 CAS: 86-57-7 MW: 173.18 MOLFM: C10-H7-N-O2
SYN: NCI-C01956 * alpha-NITRONAPHTHALENE * 1-NITRONAPHTHALENE
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate — MUREAV 122,243,83
mma-sat 5 ug/plate — CBINAB 26,11,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:120 mg/kg — NCIMR* NIH-71-E-2144
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-64,78)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ9760000 NAPHTHALENE, 2-NITRO-
UPDT 8406 CAS: 581-89-5 MW: 173.18 MOLFM: C10-H7-N-O2
SYN: 2-NITRONAPHTHALENE
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate — MUREAV 122,243,83
mma-sat 100 ug/plate — PNASA6 72,5135,75
dnr-esc 5 mg/L — JJIND8 62,873,79
mrc-smc 1 pph — JJIND8 62,901,79
hma-mus/sat 125 mg/kg — JJIND8 62,911,79
otr-ham:emb 1 mg/L — IJCNAW 19,642,77
TUMORIGENIC DATA AND REFERENCES:
2V03M60 orl-dog TDLo:2400 mg/kg/34/W-I — XPHCI* 17DEC76
2V03M60 orl-mky TDLo:340 gm/kg/5Y-C — GANNA2 61,79,70
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1300 mg/kg — JJIND8 62,911,79

STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 16, 1976
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QJ9800000 NAPHTHALENE, 1-NITROSO-
UPDT 8401 CAS: 21711-65-9 MW: 157.18 MOLFM: C10-H7-N-O
SYN: 1-NITROSONAPHTHALENE
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate — MUREAV 94,315,82
TUMORIGENIC DATA AND REFERENCES:
3V03K61P62 skn-rat TDLo:624 mg/kg/52W-I — RCOCB8 18,353,77
3V03P62V10 ipr-rat TDLo:350 mg/kg/5W-I — CNREA8 31,1461,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QK0175000 NAPHTHALENE, 2-NITROSO-
UPDT 8401 CAS: 6610-08-8 MW: 157.18 MOLFM: C10-H7-N-O
SYN: 2-NITROSONAPHTHALENE
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate — PNASA6 69,3128,72
mma-sat 100 ug/plate — PNASA6 72,5135,75
dni-sat 100 umol/L — CNREA8 34,3102,74
pic-sat 100 umol/L/2M — CNREA8 34,3102,74
TUMORIGENIC DATA AND REFERENCES:
3V03L60P62 skn-rat TDLo:624 mg/kg/52W-I — RCOCB8 18,353,77
3V02J61L60 scu-mus TDLo:250 mg/kg — CNREA8 31,1461,71
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QK0250000 NAPHTHALENE, OCTACHLORO-
UPDT 8404 CAS: 2234-13-1 MW: 403.70 MOLFM: C10-Cl8
SYN: OCTACHLORONAPHTHALENE
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug/m3; STEL 300 ug/m3 — DTLVS* 4,313,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug/m3 (skin) (SCP-G) — FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S97
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

NAPHTHALENE OIL see: GF8615000
NAPHTHALENE ORANGE G see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO), MONOSODIUM SALT
NAPHTHALENE ORANGE I see: DB7085000
NAPHTHALENE ORANGE SOLIDE GG see: QJ6500000

QK0270000 NAPHTHALENE, 1-(2-OXAZOLIDINYLIDENEAMINO)-
UPDT 8311 MW: 212.27 MOLFM: C13-H12-N2-O
SYN: 1-(2-OXAZOLIDINYLIDENEAMINO)NAPHTHALENE
MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate — ENMUDM 5,527,83

QK0300000 NAPHTHALENE, PENTACHLORO-
UPDT 8404 CAS: 1321-64-8 MW: 300.38 MOLFM: C10-H[illegible]
SYN: HALOWAX 1013 * PENTACHLORONAPHTHALENE
REVIEW AND REFERENCES:
★ TLV-TWA 500 ug/m3; STEL 2 mg/m3 (skin) — DTLVS* 4,322,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ppm (skin) (SCP-G) — FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

QK0302100 2-NAPHTHALENEPROPIONIC ACID, 3,4-DIHYDRO-alpha,alpha-DIMETHYL-beta-ETHYL-6-METHOXY-
UPDT 8403 CAS: 55620-96-7 MW: 288.42 MOLFM: C18-H24-O3
SYN: alpha,alpha-DIMETHYL-beta-ETHYL-6-METHOXY-3,4-DIHYDRO-2-NAPHTHALENEPROPIONIC ACID * E 696 * PENTANOIC ACID, 2,2-DIMETHYL-3-(6-METHOXY-3,4-DIHYDRO-2-NAPHTHYL)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:150 ug/kg (2D preg) — IJSBDB 14,700,76
1T22 orl-rat TDLo:150 ug/kg (1D preg) — IJEBA6 13,79,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QK0302200 2-NAPHTHALENEPROPIONIC ACID, 3,4-DIHYDRO-alpha,alpha-DIMETHYL-6-METHOXY-beta-PROPYL-
UPDT 8406 CAS: 55620-97-8 MW: 302.45 MOLFM: C19-[illegible]-O3
SYN: alpha,alpha-DIMETHYL-6-METHOXY-beta-PROPYL-3,4-DIHYDRO-2-NAPHTHALENEPROPIONIC ACID * E 785 * HEXANOIC ACID, 2,2-DIMETHYL-3-(6-METHOXY-3,4-DIHYDRO-2-NAPHTHYL)-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:100 ug/kg (2D preg) — IJSBDB 14,700,76
1T22 orl-rat TDLo:150 ug/kg (1D preg) — IJEBA6 13,79,75
2T24T27 orl-rat TDLo:70 ug/kg (1-7D preg) — IJEBA6 13,79,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NAPHTHALENE SCARLET R see: QJ6825000
NAPHTHALENE SCARLET 4R see: QJ6530000
NAPHTHALENE SCARLET 4RS see: QJ6530000

QK0810000 1-NAPHTHALENESULFONAMIDE, 4-(ETHYLSULFONYL)-
UPDT 8407 CAS: 842-00-2 MW: 299.38 MOLFM: C12-H13-N-O4-S2
SYN: ENS * 4-(ETHYLSULFONYL)-1-NAPHTHALENESULFONAMIDE * 4-ETHYLSULPHONYLNAPHTHALENE-1-SULFONAMIDE * 4-ETHYLSULPHONYLNAPHTHALENE-1-SULPHONAMIDE * HPA
MUTATION DATA AND REFERENCES:
dns-mus-orl 20 mg/kg — BIJOAK 111,12P,69
oms-mus-orl 20 mg/kg — BIJOAK 111,12P,69
oms-mus-orl 20 mg/kg — BIJOAK 111,12P,69
cyt-mus-orl 40 mg/kg — CTKIAR 2,249,69
TUMORIGENIC DATA AND REFERENCES:
3V01M60R60 orl-mus TDLo:4200 mg/kg/30W-C — BJCAAI 23,772,69
2V01M60 imp-mus TDLo:77 mg/kg — BJCAAI 19,311,65
3V01J60M60 orl-mus TD :12 gm/kg/86W-C — BJCAAI 28,227,73
2V02M60 orl-mus TD :440 mg/kg/52W-C — JNCIAM 51,2007,73
2V03M60 orl-mus TD :5460 mg/kg/65W-C — BCPCA6 16,619,67
3V03M05M20 orl-mus TD :4368 mg/kg/39W-C — BJURAN 39,26,64
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71; ADCSAJ 13,271,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QK1270000 1-NAPHTHALENESULFONIC ACID, 4-AMINO-
UPDT 8312 CAS: 84-86-6 MW: 223.26 MOLFM: C10-H9-N-O3-S
SYN: 1-AMINONAPHTHALENE-4-SULFONIC ACID * 4-AMINO-1-NAPHTHALENESULFONIC ACID * 1-AMINO-4-SULFONAPHTHALENE * NAPHTHIONIC ACID * 1,4-NAPHTHIONIC ACID * alpha-NAPHTHYLAMINE-p-SULFONIC ACID * 1-NAPHTHYLAMINE-4-SULFONIC ACID * PIRIA'S ACID * USAF M-5
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:300 mg/kg — NTIS** AD277-689

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

QK1271000 1-NAPHTHALENESULFONIC ACID, 7-AMINO-

UPDT 8402 CAS: 86-60-2 MW: 223.26 MOLFM: C10-H9-N-O3-S

SYN: 7-AMINO-1-NAPHTHALENESULFONIC ACID * BADEN ACID * BADISCHE ACID * 2-NAPHTHYLAMINE-8-SULFONIC ACID

TUMORIGENIC DATA AND REFERENCES:

2V02J60	ipr-mus TDLo:18 gm/kg/8W-I	JJIND8 67,1299,81

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QK1296000 1-NAPHTHALENESULFONIC ACID, 4-AMINO-3-((4'-((2-HYDROXY-8-SULFO-1-NAPHTHALENYL)AZO)(1,1'- BIPHENYL)-4-YL)AZO)-, SODIUM SALT

UPDT 8303 CAS: 2769-07-5 MW: 699.70 MOLFM: C32-H23-N5-O7-S2 .2Na

SYN: BENZANIL RUBINE A * BENZANIL RUBINE AS * BENZO CONGO RUBINE * CHLORAMINE RUBINE * CHLORAZOL RUBINE A * C.I. 22150 * C.I. DIRECT RED 17 * CONGO RUBINE * DIAPHTAMINE RUBINE * DIAZAMINE FUCHSINE O * DIPHENYL RUBINE NR * DIRECT BORDEAUX BK * DIRECT RUBINE R * KAYAKU DIRECT BORDEAUX BK

MUTATION DATA AND REFERENCES:

	bfa-rat/sat 1500 mg/kg	SAIGBL 22,194,80

QK1400000 1-NAPHTHALENESULFONIC ACID, 3,3'-(4,4'-BIPHENYLENEBIS(AZO))BIS(4-AMINO-, DISODIUM SALT

UPDT 8412 CAS: 573-58-0 MW: 698.72 MOLFM: C32-H24-N6-O6-S2 .2Na

SYN: ATLANTIC CONGO RED * ATUL CONGO RED * AZOCARD RED CONGO * BENZO CONGO RED * BRASILAMINA CONGO 4B * C.I. 22120 * C.I. DIRECT RED 28 * C.I. DIRECT RED 28, DISODIUM SALT * CONGO RED * CONGO RED 4B * CONGO RED 4BX * CONGO RED CR * CONGO RED H * CONGO RED KCI * CONGO RED L * CONGO RED M * CONGO RED N * CONGO RED R * CONGO RED RS * CONGO RED W * COTTON RED 5B * COTTON RED 4BC * COTTON RED L * CR * DIACOTTON CONGO RED * DIRECT RED 28 * DIRECT RED C * DIRECT RED DC CF * DIRECT RED K * ERIE CONGO 4B * HISPAMIN CONGO 4B * KAYAKU CONGO RED * MITSUI CONGO RED * PEERAMINE CONGO RED * SODIUM DIPHENYLDIAZO-BIS(alpha-NAPHTHYLAMINESULFONATE) * SUGAI CONGO RED * TERTRODIRECT RED C * TRISULFON CONGO RED * VONDACEL RED CL

MUTATION DATA AND REFERENCES:

	mma-sat 33 ug/plate	CRNGDP 3,21,82
	dnd-esc 10 umol/L	MUREAV 89,95,81
	dni-omi 110 mg/L	NNBYA7 232,143,71
	dns-rat:lvr 10 umol/L	MUREAV 136,255,84
	bfa-rat/sat 300 mg/kg	SAEHDW 49,177,81
	dnd-mus-skn 192 umol/kg	CRNGDP 5,231,84
	dns-ham:lvr 10 umol/L	MUREAV 136,255,84

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	ipr-rat TDLo:140 mg/kg (9D preg)	PSEBAA 117,176,64
3T41T42T53	ipr-rat TDLo:200 mg/kg (9D preg)	PSEBAA 117,176,64
1T39	ipr-rat TDLo:200 mg/kg (8D preg)	TJADAB 2,85,69
1T25	ipr-rat TDLo:140 mg/kg (8D preg)	PSEBAA 127,215,68
1T53	orl-mus TDLo:5 gm/kg (8-12D preg)	TJADAB 27,46A,83
3T53T82T91	orl-mus TDLo:5 gm/kg (8-12D preg)	TOXID9 4,166,84
1T53	ipr-mus TDLo:300 mg/kg (8D preg)	TJADAB 27,46A,83

TOXICITY DATA AND REFERENCES:

3F07J16P02	ivn-rat LDLo:160 mg/kg	AJMSA9 198,73,39
3F07J16P02	ivn-cat LDLo:100 mg/kg	AJMSA9 198,73,39
3F07J16P02	ivn-rbt LDLo:230 mg/kg	AJMSA9 198,73,39
3F07J16P02	ivn-pgn LDLo:120 mg/kg	AJMSA9 198,73,39

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ARVPAX 5,447,65

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QK1420000 2-NAPHTHALENESULFONIC ACID, 5,5'-(4,4'-BIPHENYLYLENEBIS(AZO))BIS(6-AMINO-4-HYDROXY-, DISODIUM SALT

UPDT 8401 CAS: 2586-60-9 MW: 728.70 MOLFM: C32-H22-N6-O8-S2 .2Na

SYN: AIREDALE VIOLET ND * AMANIL FAST VIOLET N * ATLANTIC VIOLET N * ATUL DIRECT VIOLET N * AZOCARD VIOLET N * BENCIDAL FAST VIOLET N * BENZANIL VIOLET N * BENZO VIOLET N * BRASILAMINA VIOLET 3R * CALCOMINE VIOLET N * CHLORAZOL VIOLET N * C.I. 22570 * C.I. DIRECT VIOLET 1 * C.I. DIRECT VIOLET 1, DISODIUM SALT * COTTON VIOLET R * DIAMINE VIOLET N * DIAPHTAMINE VIOLET N * DIAZINE VIOLET N * DIAZOL VIOLET N * DIRECT BRILLIANT VIOLET 2R * DIRECT FAST VIOLET N * DIRECT FAST VIOLET MN * DIRECT VIOLET C * DIRECT VIOLET N * DIRECT VIOLET R * DIRECT VIOLET FR * ERIE VIOLET 3R * FIXANOL VIOLET N * HISPAMIN VIOLET 3R * JAPANOL VIOLET J * NAPHTAMINE VIOLET N * PAPAMINE FAST VIOLET N * PHENO VIOLET N * PONTAMINE VIOLET N * TERTRODIRECT VIOLET N * TRISULFON VIOLET N

TUMORIGENIC DATA AND REFERENCES:

3V03L60P61	orl-rat TDLo:1125 gm/kg/71W-C	VOONAW 23(7),72,77
3V03M60P60	unk-rat TDLo:125 gm/kg/71W-C	GTPZAB 22(10),22,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QK1445000 NAPHTHALENESULFONIC ACID, 2,6-DI-tert-BUTYL-, SODIUM SALT

UPDT 8305 CAS: 1301-14-0 MW: 342.46 MOLFM: C18-H23-O3-S .Na

SYN: BECANTAL * BECANTEX * BECANTYL * 2,6-DI-ter-BUTYL NAPHTALENE SULFONATE SODIQUE (French) * 2,6-DI-tert-BUTYLNAPHTHALENESULFONIC ACID SODIUM SALT * KEUTEN * L 1633 * 1633 LABAZ * LINCTUSSAL * SODIUM 2,6-DI-tert-BUTYLNAPHTHALENESULFONATE

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:5000 mg/kg	CLDND*
3C06F19J30	scu-gpg LDLo:250 mg/kg	AIPTAK 97,34,54

QK1575000 1-NAPHTHALENESULFONIC ACID, 4,4'-((2,4-DIHYDROXY-5-(HYDROXYMETHYL)- m-PHENYLENE)BIS(AZO))DI-, DISODIUM SALT

UPDT 8305 CAS: 4553-89-3 MW: 654.61 MOLFM: C27-H20-N4-O9-S2 .2Na

SYN: 1538 BROWN * CERTICOL BROWN N EXTRA * CERTICOL BROWN RS * CHOCOLATE BROWN HT * C.I. 20285 * C.I. FOOD BROWN 3 * C.I. FOOD BROWN 3, DISODIUM SALT * 2,4-DIHYDROXY-3,5-DI(4-SULPHO-1-NAPHTHYLAZO)BENZYL ALCOHOL, DISODIUM SALT * HEXACOL CHOCOLATE BROWN HT

TOXICITY DATA AND REFERENCES:

2F07F24	ipr-rat LD50:375 mg/kg	FCTXAV 4,143,66
2F07F24	ipr-mus LD50:220 mg/kg	FCTXAV 4,143,66

QK1600000 2-NAPHTHALENESULFONIC ACID, compd. with (+)-alpha-(2-DIMETHYLAMINO)-1-METHYLETHYL- alpha-PHENYLPHENETHYL PROPIONATE (1:1)

UPDT 8408 CAS: 17140-78-2 MW: 547.76 MOLFM: C10-H8-O3-S .C22-H29-N-O2

SYN: 2-BUTANOL, 4-(DIMETHYLAMINO)-3-METHYL-1,2-DIPHENYL-, PROPIONATE, 2-NAPHTHALENESULFONATE * DARVON-N * DOLOXENE * PROPOXYPHENE N * PROPOXYPHENE 2-NAPHTHALENESULFONATE * PROPOXYPHENE NAPSYLATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T72T75	orl-rat TDLo:12 gm/kg (14-22D preg/21D post)	TXAPA9 19,471,71
2T76T81	orl-rat TDLo:3 gm/kg (14-22D preg/21D post)	TXAPA9 19,471,71
1T22	orl-rat TDLo:4 gm/kg (6-15D preg)	TXAPA9 19,471,71

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:647 mg/kg	TXAPA9 19,445,71
	orl-mus LD50:915 mg/kg	TXAPA9 19,445,71
	orl-rbt LDLo:183 mg/kg	TXAPA9 19,445,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QK1750000 2-NAPHTHALENESULFONIC ACID, compd. with (alpha-S,1R)alpha-(2-(DIMETHYLAMINO)-1-METHYL ETHYL-alpha-PHENYLPHENETHYL PROPIONATE (1:1), MONOHYDRATE

UPDT 8408 CAS: 26570-10-5 MW: 565.78 MOLFM: C10-H8-O3-S .C22-H29-N-O2 .H2-O

SYN: DARVON-N * d-PROPOXYPHENE NAPSYLATE HYDRATE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:990 mg/kg	TXAPA9 18,185,71
2F12J25	orl-mus LD50:973 mg/kg	OYYAA2 5,359,71

QK1765000 1-NAPHTHALENESULFONIC ACID, 3,3'-((3,3'-DIMETHYL(1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO))BIS (4-AMINO-, DISODIUM SALT

UPDT 8401 CAS: 992-59-6 MW: 724.76 MOLFM: C34-H26-N6-O6-S2 .2Na

SYN: AMANIL PURPURINE 4B * ATUL DIRECT RED 4B * AZAMIN 4B * AZOCARD RED 4B * BENCIDAL PURPLE 4B * BENZANIL PURPURINE 4B * BENZOPURPURIN 4B * BENZOPURPURINE 4B * BENZOPURPURINE 4BKX * BENZOPURPURINE 4BX * BRASILAMINA RED 4B * CALCOMINE RED 4BX * CHROME LEATHER RED 4B * C.I. 23500 * C.I. DIRECT RED 2 * COTTON RED 4B * DIACOTTON BENZOPURPURINE 4B * DIAMINE PURPURINE 4B * DIAPHTAMINE PURPURINE * DIAZAMINE PURPURINE 4B * DIAZINE RED 4B * DIAZOL PURPURINE 4B * DIPHENYL RED 4B * DIPHENYL RED 4BS * DIRECT PURPURINE 4B * DIRECT PURPURINE M4B * DIRECT RED 2 * DIRECT RED 4A * DIRECT RED 4B * DIRECT RED DCB * DITOLYLBIS(AZONAPHTHIONIC ACID) * ECLIPSE RED * ERIE BENZO 4BP * ERIE RED 4B * FAST SCARLET * HISPAMIN RED 4B * KAYAKU BENZOPURPURINE 4B * MITSUI BENZOPURPURINE 4BX * PAPER RED 4B * PHENAMINE PURPURINE 4B * PURPURIN 4B * PURPURINE 4B * TERTRODIRECT RED 4B

MUTATION DATA AND REFERENCES:

	mma-sat 100 nmol/plate	MUREAV 97,103,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

QK1925000 1-NAPHTHALENESULFONIC ACID, 4-HYDROXY-3,4'-AZODI-, DISODIUM SALT

UPDT 8307 CAS: 3567-69-9 MW: 502.44 MOLFM: C20-H12-N2-O7-S2 .2Na

SYN: ACETACID RED 3 * ACID BRILLIANT RUBINE A2G CONC. * ACID BRILLIANT RUBINE 2G * ACID BRILLIANT RUBINE 2GT * ACID CHROME BLUE BA * ACID CHROME BLUE BA-CF * ACID CHROME BLUE FBS * ACID CHROME BLUE 2R * ACID FAST RED FB * ACID RED 14 * ACID RED 2C * ACID RUBINE * ACID RUBINE EXTRA * AIREDALE CARMOISINE * AMACID CARMOISINE B * AMACID CHROME BLUE R * ATUL ACID CRYSTAL RED * ATUL CRYSTAL RED F * AZORUBIN * AZO RUBIN EXTRA * AZO RUBINE * AZO RUBINE AF * AZO RUBINE (biological stain) * AZO RUBINE EXTRA LC * AZO RUBINE for FOOD * AZO RUBINE LZ * AZO RUBINE S * AZO RUBINE S SPECIALLY PURE * AZO RUBINE XX * AZO RUBIN S * AZO RUBIN XX * BRASILAN AZO RUBINE 2NS * BRILLIANT ACID RUBINE M * BRILLIANT CARMOISINE * BRILLIANT CRIMSON RED * BRILLIANT CRIMSON 2R FQ * BUCACID AZO RUBINE * CALCOCID RUBINE XX * CARMOISINE * CARMOISINE ALUMINUM LAKE * CARMOISINE BA * CARMOISINE BA-CF * CARMOISINE BSS * CARMOISINE FU * CARMOISINE GRN * CARMOISINE LAS * CARMOISINE S * CARMOISINE SUPRA * CARMOISINE W * CARMOISINE WS * CERTICOL CARMOISINE S * CHROME FAST BLUE 2R * CHROMOTROP FB * CHROMOTROPE FB * C.I. 14720 * C.I. ACID RED 14, DISODIUM SALT * C.I. FOOD RED 3 * CILEFA RUBINE R * CRIMSON EMBL * CRIMSON 2EMBL * DIADEM CHROME BLUE G * DIADEM CHROME BLUE R * DISODIUM SALT of 2-(4-SULPHO-1-NAPHTHYLAZO)-1-NAPHTHOL-4-SULPHONIC ACID * DISODIUM 2-(4-SULFO-1-NAPHTHYLAZO)-1-NAPHTHOL-4-SULFONATE * DISODIUM 2-(4-SULPHO-1-NAPHTHYLAZO)-1-NAPHTHOL-4-SULPHONATE * E122 * EDICOL SUPRA CARMOISINE W * EDICOL SUPRA CARMOISINE WS * ENIACID BRILLIANT RUBINE 3B * ERIO RUBINE B * EUROCERT AZORUBINE * EXT. D & C RED NO. 10 * EXTRACT D AND C RED NO. 10 * FENAZO RED C * FOOD RED 5 * FRUIT RED A EXTRA YELLOWISH GEIGY * HD CARMOISINE * HD CARMOISINE SUPRA * HEXACOL CARMOISINE * HEXACOL CARMOISINE CONC. * HIDACID AZO RUBINE * HISPACID RUBINE F * 4-HYDROXY-3,4'-AZODI-1-NAPHTHALENESULFONIC ACID, DISODIUM SALT * 4-HYDROXY-3,4'-AZODI-1-NAPHTHALENESULPHONIC ACID, DISODIUM SALT * 4-HYDROXY-3-((4-SULFO-1-NAPHTHALENYL)AZO)-1-NAPHTHALENESULFONIC ACID, DISODIUM SALT * 4-HYDROXY-3-((4-SULPHO-1-NAPHTHALENYL)AZO)-1-NAPHTHALENESULPHONIC ACID, DISODIUM SALT * JAVA RUBINE N * KARMESIN * KENACHROME BLUE 2R * KITON CRIMSON 2R * KITON RUBINE R * LIGHTHOUSE CHROME BLUE 2R * L RED Z 3040 * NACARAT * NACARAT A EXPORT * NACARAT EXTRA PURE A * NCI-C53849 * NEKLACID AZORUBINE W * NEKLACID RUBINE W * NYLOMINE ACID RED P4B * OMEGA CHROME BLUE FB * PONTACYL RUBINE R * POLOXAL RED 2B * RED #14 * 11959 RED * SOLAR RUBINE * SOLOCHROME BLUE FB * STANDACOL CARMOISINE * 2-(4-SULFO-1-NAPHTHYLAZO)-1-NAPHTHOL-4-SULFONIC ACID, DISODIUM SALT * 2-(4-SULPHO-1-NAPHTHYLAZO)-1-NAPHTHOL-4-SULPHONIC ACID, DISODIUM SALT * TERTRACID RED CA * TERTROCHROME BLUE FB

MUTATION DATA AND REFERENCES:

	mmo-sat 1 gm/L	MUREAV 53,289,78
	mmo-esc 100 mg/L	MUREAV 53,289,78

TOXICITY DATA AND REFERENCES:

3F07F12F24	ipr-rat LD50:900 mg/kg	FCTXAV 5,179,67
3F07F12F24	ipr-mus LD50:900 mg/kg	FCTXAV 5,179,67
*	ivn-mus LD50:800 mg/kg	FCTXAV 19,413,81

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 8,83,75

STATUS:

★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE, RAT (NTPTR* NTP-TR-220,82)

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

QK2100000 1-NAPHTHALENESULFONIC ACID, 5-HYDROXY-6-((m-((2-HYDROXYETHYL)SULFONYL)PHENYL)AZO)-, HYDROGEN SULFATE (ester), DISODIUM SALT

UPDT 8401 CAS: 19526-81-9 MW: 562.52 MOLFM: C18-H16-N2-O10-S3 .2Na

SYN: REMAZOL RED B

TUMORIGENIC DATA AND REFERENCES:

3V03J60P60	orl-rat TDLo:78 gm/kg/86W-I	TKORAS 3,53,67
3V03J60P60	scu-rat TDLo:10 gm/kg/17W-I	TKORAS 3,53,67
3V03J60P60	orl-mus TDLo:20 gm/kg/17W-I	TKORAS 3,53,67
3V03J60P60	scu-mus TDLo:135 gm/kg/56W-I	TKORAS 3,53,67

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QK2195000 1-NAPHTHALENESULFONIC ACID, 3-HYDROXY-4-((1-HYDROXY-2-NAPHTHALENYL)AZO)-, MONOSODIUM SALT

UPDT 8402 CAS: 3564-14-5 MW: 416.40 MOLFM: C20-H13-N2-O5-S .Na

SYN: ALIZARINE BLUE BLACK OCBN * ALIZARINE BLUE BLACK OCGN * ALIZARINE BLUE BLACK OCGP * ALIZARINE BLUE OCB * AZOCHROMOL BLUE BLACK EB * CALCOCHROME BLUE BLACK BC * CHROMAZINE BLUE BLACK B * CHROME BLUE BLACK BF * CHROME FAST CYANINE BP * CHROME FAST CYANIDE G * CHROME FAST CYANINE GN * CHROME FAST CYANINE GNN * CHROME FAST CYANINE GP * CHROME FAST CYANINE GSS * CHROMOCARD BLUE BLACK B * C.I. 14640 * C.I. MORDANT BLACK 3 * C.I. MORDANT BLACK 3, MONOSODIUM SALT * DIACROMO BLUE G * DIAMOND BLUE BLACK AF * DIAMOND BLUE BLACK EB * DIAMOND BLUE BLACK EBS-CF * DUROCHROME BLUE OCG * DUROCHROME CYANINE G * DUROCHROME FAST CYANINE 6BN * ERIOCHROME BLUE BLACK * ERIOCHROME BLUE BLACK B * ERIOCHROME BLUE BLACK 2B * ERIOCHROME BLUE BLACK BC * ERIOCHROME BLUE BLACK 2BP * ERIOCHROME BLUE BLACK BSS * ERIOCHROME BLUE BLACK 2G * FAST CHROME CYANINE 6B * FAST CHROME CYANINE G * FENAKRON BLUE BLACK EB * HISPACROM BLUE BG * JAVA CHROME BLUE BLACK BN * KENACHROME BLACK 6B * LIGHTHOUSE CHROME BLACK 6B * MITSUI CHROME BLUE BLACK BC * OMEGA CHROME BLUE BLACK B * PONTACHROME BLUE BLACK BB * SALICINE BLUE BLACK AFF * SOLOCHROMATE BLACK 6BN * SOLOCHROME BLACK 6BN * SUNCHROMINE BLUE BLACK B * SUPERCHROME BLUE BC * SUPERCHROME BLUE BG * TERTROCHROME BLUE B

MUTATION DATA AND REFERENCES:

	mmo-sat 300 nmol/plate	MUREAV 116,305,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

QK2260000 2-NAPHTHALENESULFONIC ACID, 6-HYDROXY-5-((6-METHOXY-4-SULFO-m-TOLYL)AZO)-, DISODIUM SALT

UPDT 8412 CAS: 25956-17-6 MW: 498.46 MOLFM: C18-H16-N2-O8-S2 .2Na

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T21	orl-rat TDLo:38500 mg/kg (14D male/14D pre)	TXCYAC 28,207,83
1T81	orl-rat TDLo:83500 mg/kg (2W male/2W pre-2W post)	TXCYAC 28,207,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QK2450000 2-NAPHTHALENESULFONIC ACID, 6-HYDROXY-5-((p-SULFOPHENYL)AZO)-, DISODIUM SALT

UPDT 8412 CAS: 2783-94-0 MW: 452.38 MOLFM: C16-H10-N2-O7-S2 . 2Na

SYN: ACID YELLOW TRA * A.F. YELLOW NO. 5 * AIZEN FOOD YELLOW NO. 5 * ALABASTER NO. 3 * ATUL SUNSET YELLOW FCF * CANACERT SUNSET YELLOW FCF * CERTICOL SUNSET YELLOW CFS * CERTOLAKE SUNSET YELLOW * C.I. 15985 * C.I. FOOD YELLOW 3 * C.I. FOOD YELLOW 3, DISODIUM SALT * CILEFA ORANGE S * DISODIUM SALT of 1-p-SULPHOPHENYLAZO-2-NAPHTHOL-6-SULPHONIC ACID * DISPERSED ORANGE 11348 * DISPERSED YELLOW 12116 * DOLKWAL SUNSET YELLOW * DYE FDC YELLOW LAKE 6 * DYE FD & C YELLOW LAKE 6 * DYE FDC YELLOW NO. 6 * DYE FD & C YELLOW NO. 6 * DYE SUNSET YELLOW * EDICOL SUPRA YELLOW FC * ENIACID SUNSET YELLOW * EUROCERT ORANGE FCF * FD & C NO. 6 * FD & C YELLOW 6 * FD AND C NO. 6 * FD AND C YELLOW 6 * FD AND C YELLOW LAKE NO. 6 * FD AND C YELLOW NO. 6 * FD & C YELLOW NO. 6 ALUMINIUM LAKE * FDC YELLOW NO. 6 * FOODCOL SUNSET YELLOW FCF * FOOD YELLOW 3 * FOOD YELLOW 6 * HD SUNSET YELLOW FCF * HD SUNSET YELLOW FCF SUPRA * HEXACOL SUNSET YELLOW F & F SUPRA * HEXACOL SUNSET YELLOW FCF * HEXACOL SUNSET YELLOW FCF SUPRA * HEXACOL SUNSET YELLOW FCP * 6-HYDROXY-5-((p-SULFOPHENYL)AZO)-2-NAPHTHALENESULFONIC ACID DISODIUM SALT * 6-HYDROXY-5-((4-SULFOPHENYL)AZO)-2-NAPHTHALENESULFONIC ACID DISODIUM SALT * 6-HYDROXY-5-((p-SULPHOPHENYL)AZO)-2-NAPHTHALENESULPHONIC ACID DISODIUM SALT * 6-HYDROXY-5-((4-SULPHOPHENYL)AZO)-2-NAPHTHALENESULPHONIC ACID DISODIUM SALT * KCA FOODCOL SUNSET YELLOW FCF * JAUNE ORANGE S * JAUNE SOLEIL * L-ORANGE 2 * L ORANGE Z2010 * MAPLE SUNSET YELLOW FCF * NCI-C53907 * ORANGE PAL * ORANGE II R * ORANGE RGL CONC. SPECIALLY PURE * ORANGE YELLOW S * ORANGE YELLOW S.AF * ORANGE YELLOW S.FQ * PARA ORANGE * STANDACOL SUNSET YELLOW FCF * 1-p-SULFOPHENYLAZO-2-HYDROXYNAPHTHALENE-6-SULFONATE, DISODIUM SALT * 1-p-SULFOPHENYLAZO-2-NAPHTHOL-6-SULFONIC ACID, DISODIUM SALT * 1-p-SULPHOPHENYLAZO-2-NAPHTHOL-6-SULPHONIC ACID, DISODIUM SALT * SUN ORANGE A GEIGY * SUNSET YELLOW * SUNSET YELLOW BSS * SUNSET YELLOW FCF * SUNSET YELLOW FCF SUPRA * SUNSET YELLOW FU * SUNSET YELLOW FU SUPRA * SUNSET YELLOW LAKE * SUN YELLOW * SUN YELLOW A-CE * SUN YELLOW A-FDC * SUN YELLOW EXTRA CONC. A EXPORT * SUN YELLOW EXTRA PURE A * SUN YELLOW FCF * USACERT YELLOW NO. 6 * USACERT FD & C YELLOW NO. 6 * USALAKE FD & C YELLOW NO. 6 LAKE * 1351 YELLOW * 1899 YELLOW * YELLOW NO. 6 * YELLOW ORANGE S * YELLOW ORANGE S SPECIALLY PURE * YELLOW ORANGE SPECIALLY PURE 85 * YELLOW SF FOR FOOD * YELLOW SUN * YELLOW SY FOR FOOD

MUTATION DATA AND REFERENCES:

cyt-ham:lng 2 gm/L GMCRDC 27,95,81

TOXICITY DATA AND REFERENCES:

3F12F24K12 ipr-rat LD50:3800 mg/kg FCTXAV 5,747,67

3F12F24K12 ipr-mus LD50:4600 mg/kg FCTXAV 5,747,67

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ARVPAX 14,127,74

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 8,257,75

STATUS:

★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE, RAT (NTPTR* NTP-TR-208,81)

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

QK2705000 1-NAPHTHALENESULFONIC ACID, 4-HYDROXY-3-((6-SULFO-2,4-XYLYL)AZO)-, DISODIUM SALT

UPDT 8401 CAS: 4548-53-2 MW: 480.44 MOLFM: C18-H14-N2-O7-S2 . 2Na

SYN: CERTICOL PONCEAU SXS * C.I. 14700 * C.I. 16045 * C.I. FOOD RED 1 * C.I. FOOD RED 1 DISODIUM SALT * CRIMSON 4R * 3-((2,4-DIMETHYL-5-SULFOPHENYL)AZO)-4-HYDROXY-1-NAPHTHALENESULFONIC ACID, DISODIUM SALT * 3-((2,4-DIMETHYL-5-SULPHOPHENYL)AZO)-4-HYDROXY-1-NAPHTHALENESULPHONIC ACID, DISODIUM SALT * DYE FD & C RED NO. 4 * DYE FD AND C RED NO. 4 * EDICOL SUPRA PONCEAU SX * FD AND C RED NO. 4 * FD & C RED NO. 4 ALUMINIUM LAKE * FOOD RED 4 * HEXACOL PONCEAU SX * 4-HYDROXY-3-((5-SULPHO-2,4-XYLYL)AZO)-1-NAPHTHALENESULPHONIC ACID, DISODIUM SALT * MAPLE PONCEAU SX * 4-HYDROXY-3-((5-SULFO-2,4-XYLYL)AZO)-1-NAPHTHALENESULFONIC ACID, DISODIUM SALT * PONCEAU SX * PONCEAU SX LAKE * PURPLE 4R * 1306 RED * 12101 RED * RED LAKE 89865N * RED NO. 1 * RED NO. 4 * 4R PURPLE * 2-(6-SULFO-2,4-XYLYLAZO)-1-NAPHTHOL-4-SULFONIC ACID, DISODIUM SALT * 2-(6-SULPHO-2,4-XYLYLAZO)-1-NAPHTHOL-4-SULPHONIC ACID, DISODIUM SALT * USACERT FD & C RED NO. 4 * USACERT RED NO. 4

TUMORIGENIC DATA AND REFERENCES:

2V01P62 orl-rat TDLo:1200 gm/kg/78W-C GASTAB 23,1,53

3V03K60P62 orl-rat TD :524 gm/kg/73W-C VPITAR 29,61,70

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ARVPAX 14,127,74

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 8,207,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-NAPHTHALENESULFONIC ACID, 3,3'-METHYLENEDI-PHENYL-MERCURY see: OW6125000

QK3675000 2-NAPHTHALENESULFONIC ACID, 3,3'-METHYLENEDI-, SILVER SALT

UPDT 8209 CAS: 31055-59-1 MW: 1183.58 MOLFM: C21-H16-O6-S2 . xAg

SYN: SILVER DINAPHTHYLMETHANEDISULPHONATE

TOXICITY DATA AND REFERENCES:

orl-mus LD50:50 mg/kg JPPMAB 2,20,50

REVIEW AND REFERENCES:

★ TLV-TWA 10 ug(Ag)/m3 DTLVS* 4,367,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ug(Ag)/m3 (SCP-N) FEREAC 39,23540,74

2-NAPHTHALENESULFONIC ACID, 3,3'-((PHENYLMERCURI)METHYLENE)DI- see: OW6300000

QK3690000 1,4,5,8-NAPHTHALENETETRACARBOXYLIC ACID

UPDT 8408 CAS: 128-97-2 MW: 304.22 MOLFM: C14-H8-O8

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:7500 mg/kg 85GMAT -,90,82

* orl-mus LD50:3800 mg/kg 85GMAT -,90,82

QK3695000 1,4,5,8-NAPHTHALENETETRACARBOXYLIC ACID, 1,8:4,5-DIANHYDRIDE

UPDT 8408 CAS: 81-30-1 MW: 268.18 MOLFM: C14-H4-O6

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:7400 mg/kg 85GMAT -,90,82

* itr-rat LDLo:50 mg/kg 85GMAT -,90,82

* orl-mus LD50:7100 mg/kg 85GMAT -,90,82

QK3700000 NAPHTHALENE, TETRACHLORO-

UPDT 8408 CAS: 1335-88-2 MW: 265.94 MOLFM: C10-H4-Cl4

SYN: HALOWAX * TETRACHLORONAPHTHALENE

REVIEW AND REFERENCES:

★ TLV-TWA 2 mg/m3; STEL 4 mg/m3 (skin) DTLVS* 4,391,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 mg/m3 (skin) FEREAC 39,23540,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

NAPHTHALENE 1,2,3,4-TETRAHYDRIDE see: QK3850000

QK3850000 NAPHTHALENE, 1,2,3,4-TETRAHYDRO-

UPDT 8407 CAS: 119-64-2 MW: 132.22 MOLFM: C10-H12

SYN: NAPHTHALENE 1,2,3,4-TETRAHYDRIDE * DELTA(sup 5,7,9)-NAPHTHANTRIENE * TETRAHYDRONAPHTHALENE * 1,2,3,4-TETRAHYDRONAPHTHALENE * TETRALIN * TETRALINA (Polish) * TETRALINE * TETRANAP

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg open SEV UCDS** 1/12/72

eye-rbt 500 mg open AMIHBC 4,119,51

TOXICITY DATA AND REFERENCES:

orl-rat LD50:2860 mg/kg AMIHBC 4,119,51

skn-rbt LD50:17 gm/kg UCDS** 1/12/72

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

QK3889200 NAPHTHALENE, 1,3,6,8-TETRANITRO-

UPDT 8303 CAS: 28995-89-3 MW: 308.18 MOLFM: C10-H4-N4-O8

SYN: 1,3,6,8-TETRANITRONAPHTHALENE

MUTATION DATA AND REFERENCES:

mmo-sat 1 ug/plate ENMUDM 3,499,81

QK4025000 NAPHTHALENE, TRICHLORO-

UPDT 8408 CAS: 1321-65-9 MW: 231.50 MOLFM: C10-H5-Cl3

SYN: TRICHLORONAPHTHALENE

REVIEW AND REFERENCES:

★ TLV-TWA 5 mg/m3; STEL 10 mg/m3 (skin) DTLVS* 4,410,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 5 mg/m3 (skin) (SCP-I) FEREAC 39,23540,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

QK4050000 NAPHTHALENE, TRINITRO-

UPDT 8312 MW: 263.18 MOLFM: C10-H5-N3-O6

SYN: TRINITRONAPHTHALENE (DOT) * UN 0217 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83

QK4070000 NAPHTHALENE, 1,3,5-TRINITRO-

UPDT 8308 MW: 263.18 MOLFM: C10-H5-N3-O6

SYN: 1,3,5-TRINITRONAPHTHALENE (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

1,1',1''-(1,3,5-NAPHTHALENETRIYLTRISULFONYL)TRIAZIRIDINE see: CM8200000

QK4126000 2-NAPHTHALENEVALERIC ACID, 5,6,7,8-TETRAHYDRO-alpha,alpha-DIMETHYL-

UPDT 8401 MW: 260.41 MOLFM: C17-H24-O2

SYN: alpha,alpha-DIMETHYL-5,7,6,8-TETRAHYDRO-2-NAPHTHALENEVALERIC ACID * alpha,alpha-DIMETHYL-5,6,7,8-TETRAHYDRONAPHTHYL-2-VALERIC ACID * 5,6,7,8-TETRAHYDRO-alpha,alpha-DIMETHYL-2-NAPHTHALENEVALERIC ACID

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T21 scu-rat TDLo:10 mg/kg (1D pre) ACEDAB 28,18,56

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-NAPHTHALENOL see: QL2800000

2-NAPHTHALENOL see: QL2975000

NAPHTHALENOL, AMINO- (9CI) see: QL3000000

1-NAPHTHALENOL, 4-AMINO-2-METHYL-, HYDROCHLORIDE see: QL3350000

2-NAPHTHALENOL, 1-BROMO- (9CI) see: QL3361000

2-NAPHTALENOL, 1-((2-CHLORO-4-NITROPHENYL)AZO)- see: QL3436000

NAPHTHALEN-2-OL, DECAHYDRO- see: QK4240000

QK4240000 2-NAPHTHALENOL, DECAHYDRO-

UPDT 8305 CAS: 825-51-4 MW: 154.28 MOLFM: C10-H18-O

SYN: DECAHYDRONAPTHOL-2 * DECAHYDRO-beta-NAPHTHOL * trans-DECAHYDRO-beta-NAPHTHOL * 2-DECALINOL * 2-DECALOL * 2-HYDROXYDECALIN * NAPHTHALEN-2-OL, DECAHYDRO-

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD FCTXAV 12,873,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

2-NAPHTHALENOL, DECAHYDRO-, FORMATE see: QL3448000

QK4246000 1-NAPHTHALENOL, METHYLCARBAMATE, mixt. with (1-alpha,2-alpha,3-beta,4-alpha,5-alpha, 6-beta)-1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE and 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS (4-METHOXYBENZENE)

UPDT 8308 CAS: 67250-57-1 MW: 837.72 MOLFM: C12-H11-N-O2 . C16-H15-Cl3-O2 . C6-H6-Cl6

SYN: GAMAKARBATOXU M (Polish) * GAMMACARBATOX M * GAMMAKARBATOX M * METHOXYKARBATOX

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1030 mg/kg BCTKAG 12,39,79

1-NAPHTHALENOL, 2-METHYL-, METHYLCARBAMATE (9CI) see: FC4740000 CARBAMIC ACID, METHYL-, 2-METHYL-1-NAPHTHYL EST_R

QK4247000 2-NAPHTHALENOL, 1-((4-METHYL-2-NITROPHENYL)AZO)-

UPDT 8412 CAS: 2425-85-6 MW: 307.33 MOLFM: C17-H13-N3-O3

SYN: ACCOSPERSE TOLUIDINE RED XL * ADC TOLUIDINE RED B * CALCOTONE TOLUIDINE RED YP * CARNELIO HELIO RED * CHROMATEX RED J * C.I. 12120 * C.I. PIGMENT RED 3 * C.P. TOLUIDINE TONER A-2989 * C.P. TOLUIDINE TONER A-2990 * C.P. TOLUIDINE TONER DARK RS-3340 * C.P. TOLUIDINE TONER DEEP X-1865 * C.P. TOLUIDINE TONER LIGHT RS-3140 * C.P. TOLUIDINE TONER RT-6101 * C.P. TOLUIDINE TONER RT-6104 * DAINICHI PERMANENT RED 4 R * D AND C RED NO. 35 * DEEP FASTONA RED * DUPLEX TOLUIDINE RED L 20-3140 * ELJON FAST SCARLET PV EXTRA * ELJON FAST SCARLET RN * ENIALIT LIGHT RED RL * FASTONA RED B * FASTONA SCARLET RL * FASTONA SCARLET YS * FAST RED A * FAST RED A (PIGMENT) * FAST RED AB * FAST RED J * FAST RED JF * FAST RED R * GRAPHTOL RED A-4RL * HANSA RED B * HANSA RED G * HANSA SCARLET RB * HANSA SCARLET RN * HANSA SCARLET RNC * HELIO FAST RED BN * HELIO FAST RED RL * HELIO FAST RED RN * HELIO RED RL * HELIO RED TONER * HISPALIT FAST SCARLET RN * INDEPENDENCE RED * IRGALITE FAST RED P4R * IRGALITE FAST SCARLET RND * IRGALITE RED PV2 * IRGALITE RED RNPX * IRGALITE SCARLET RB * ISOL FAST RED HB * ISOL FAST RED RNB * ISOL FAST RED RN2B * ISOL FAST RED RNG * ISOL FAST RED RN2G * ISOL TOLUIDINE RED HB * ISOL TOLUIDINE RED RNB * ISOL TOLUIDINE RED RN2B * ISOL TOLUIDINE RED RNG * ISOL TOLUIDINE RED RN2G * KROMON HELIO FAST RED * KROMON HELIO FAST RED YS * LAKE RED 4R * LAKE RED 4RII * LITHOL FAST SCARLET RN * LUTETIA FAST RED 3R * LUTETIA FAST SCARLET RF * LUTETIA FAST SCARLET RJN * MONOLITE FAST SCARLET CA * MONOLITE FAST SCARLET GSA * MONOLITE FAST SCARLET RB * MONOLITE FAST SCARLET RBA * MONOLITE FAST SCARLET RN * MONOLITE FAST SCARLET RNA * MONOLITE FAST SCARLET RNV * MONOLITE FAST SCARLET RT * NCI-C60366 * NO. 2 FORTHFAST SCARLET * ORALITH RED P4R * PERMANENT RED 4R * PIGMENT RED 3 * PIGMENT RED RL * PIGMENT RUBY * PIGMENT SCARLET * PIGMENT SCARLET (Russian) * PIGMENT SCARLET B * PIGMENT SCARLET N * PIGMENT SCARLET R * POLYMO RED FGN * RECOLITE FAST RED RBL * RECOLITE FAST RED RL * RECOLITE FAST RED RYL * SANYO SCARLET PURE * SANYO SCARLET PURE NO. 1000 * SCARLET PIGMENT RN * SEGNALE LIGHT RED B * SEGNALE LIGHT RED 2B * SEGNALE LIGHT RED BR * SEGNALE LIGHT RED C4R * SEGNALE LIGHT RED RL * SIEGLE RED 1 * SIEGLE RED B * SIEGLE RED BB * SILOGOMMA RED RLL * SILOSOL RED RBN * SILOSOL RED RN * SILOTON RED BRLL * SILOTON RED RLL * SYMULER FAST SCARLET 4R * SYTON FAST SCARLET RB * SYTON FAST SCARLET RD * SYTON FAST SCARLET RN * TERTROPIGMENT RED HAB * TERTROPIGMENT SCARLET LRN * TOLUIDINE RED * TOLUIDINE RED 10451 * TOLUIDINE RED 3B * TOLUIDINE RED BFB * TOLUIDINE RED BFGG * TOLUIDINE RED D 28-3930 * TOLUIDINE RED LIGHT * TOLUIDINE RED M 20-3785 * TOLUIDINE RED R * TOLUIDINE RED 4R * TOLUIDINE RED RT-115 * TOLUIDINE RED TONER * TOLUIDINE RED XL 20-3050 * TOLUIDINE TONER * TOLUIDINE TONER DARK 5040 * TOLUIDINE TONER 4R X-2700 * TOLUIDINE TONER HR X-2741 * TOLUIDINE TONER KEEP HR X-2742 * TOLUIDINE TONER L 20-3300 * TOLUIDINE TONER RT 252 * VERSAL SCARLET PRNL * VERSAL SCARLET RNL * VULCAFOR SCARLET A

STATUS:

NTP CARCINOGENESIS STUDIES, ON TEST, OCTOBER 1984

REPORTED IN EPA TSCA INVENTORY, 1983

2-NAPHTHALENOL, 1-NITRO- (9CI) see: QL4500000

QK4250000 2-NAPHTHALENOL, 1-((4-(PHENYLAZO)PHENYL)AZO)-

UPDT 8305 CAS: 85-86-9 MW: 352.42 MOLFM: C22-H16-N4-O

SYN: ATUL OIL RED G * BENZENEAZOBENZENEAZO-beta-NAPHTHOL * BRASILAZINA OIL SCARLET * CERASIN RED * CERASINROT * CEROTINSCHARLACH R * CERTIQUAL OIL RED * C.I. 23 * C.I. 26100 * C.I. SOLVENT RED 23 * D & C RED NO. 17 * FAST OIL SCARLET III * FAST RED R * FAT RED (BLUISH) * FAT RED G * FAT RED HRR * FAT RED R * FAT RED RS * FAT SCARLET LB * FAT SOLUBLE RED ZH * GRASAL BRILLIANT RED G * FETTPONCEAU G * FETTROT * FETTSCHARLACH * FETTSCHARLACH LB * MOTIROT 2R * OIL RED * OIL RED 6566 * OIL RED AS * OIL RED B * OIL RED 3B * OIL RED G * OIL RED 3G * OIL RED O * OIL SCARLET * OIL SCARLET AS * OIL SCARLET G * ORGANOL RED BS * ORGANOL SCARLET * 1-((4-(PHENYLAZO)PHENYL)AZO)-2-NAPHTHALENOL * 1-((p-PHENYLAZO)PHENYL)AZO-2-NAPHTHOL * PONCEAU INSOLUBLE OLG * PYRONALROT B * 111440 RED * RED ZH * ROT C * ROT G * ROUGE CERASINE * SCARLET B FAT SOLUBLE * SCHULTZ NO. 31 * SILOTRAS SCARLET TB * SOMALIA RED III * SOUDAN III * STEARIX SCARLET * SUDAN III * SUDAN G * SUDAN G III * SUDAN III (G) * SUDAN P III * SUDAN RED III * TETRAZOBENZENE-beta-NAPHTHOL * TONEY RED * TONY RED

MUTATION DATA AND REFERENCES:
pic-esc 100 mmol/L MDMIAZ 31,11,79
cyt-ham:ovr 20 umol/L/5H-C ENMUDM 1,27,79

TOXICITY DATA AND REFERENCES:
ipr-rbt LDLo:250 mg/kg JPBAA7 87,317,64
scu-rbt LDLo:1000 mg/kg JPBAA7 87,317,64
ipl-rbt LDLo:500 mg/kg JPBAA7 87,317,64

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 8,241,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

QK4253000 2-NAPHTHALENOL, 1-(2-(1H-TETRAZOL-5-YL)ETHYL)-
UPDT:8311 CAS: 76167-91-4 MW: 240.29 MOLFM: C13-H12-N4-O
SYN: 1-(2-(1H-TETRAZOL-5-YL)ETHYL)-2-NAPHTHALENOL
TOXICITY DATA AND REFERENCES:
2F07J25 ipr-mus LD50:980 mg/kg INDRBA 18,15,80

QK4257000 1(4H)-NAPHTHALENONE, 8-AMINO-2,6-DIBROMO-5-HYDROXY-4-IMINO-
UPDT:8412 CAS: 26846-51-5 MW: 346.00 MOLFM: C10-H6-Br2-N2-O2
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2400 mg/kg GTPZAB 16(5),52,72

QK4414500 1(2H)-NAPHTHALENONE, 3,4-DIHYDRO-2-(3,4-DIMETHOXY-alpha-PHENACYLBENZYL)-
UPDT:8406 MW: 414.53 MOLFM: C27-H26-O4
SYN: 2-(3,4-DIMETHOXY-alpha-PHENACYLBENZYL)-3,4-DIHYDRO-1(2H)-NAPHTHALENONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:265 mg/kg RPTOAN 45,133,82

QK4420000 1(2H)-NAPHTHALENONE, 3,4-DIHYDRO-6-(2-(DIMETHYLAMINO)ETHOXY)-2-((5-NITRO-1-METHYL-2- IMIDAZOLYL)METHYLENE)-, SULFATE
UPDT:8403 CAS: 55118-19-9 MW: 468.53 MOLFM: C19-H22-N4-O4 .H2-O4-S
SYN: 6-(2-DIMETHYLAMINO-ETHOXY)-2-(5-NITRO-1-METHYL-2-IMIDAZOLYL)-METHYLENE)-1-TETRALON SULFATE * ZK 26173 * ZK-Nr 26173
MUTATION DATA AND REFERENCES:
mmo-esc 28 umol/L JEPTDQ 2(3),657,79
sln-dmg-orl 10 mmol/L JEPTDQ 2(3),657,79
mmo-nsc 400 ug/plate MUREAV 53,297,78
mmo-smc 10 umol/L JEPTDQ 2(3),657,79
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

QK4808000 1(2H)-NAPHTHALENONE, 3,4-DIHYDRO-2-(p-METHOXY-alpha-(p-METHOXYPHENACYL)BENZYL)-
UPDT:8406 MW: 414.53 MOLFM: C27-H26-O4
SYN: 2-(p-METHOXY-alpha-(p-METHOXYPHENACYL)BENZYL)-3,4-DIHYDRO-1(2H)-NAPHTHALENONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:265 mg/kg RPTOAN 45,133,82

QK4809000 1(2H)-NAPHTHALENONE, 3,4-DIHYDRO-2-(alpha-(p-METHOXYPHENACYL)BENZYL)-
UPDT:8406 MW: 384.50 MOLFM: C26-H24-O3
SYN: 2-(alpha-(p-METHOXYPHENACYL)BENZYL)-3,4-DIHYDRO-1(2H)-NAPHTHALENONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:265 mg/kg RPTOAN 45,133,82

QK4809010 1(2H)-NAPHTHALENONE, 3,4-DIHYDRO-2-(p-METHOXY-alpha-PHENACYLBENZYL)-
UPDT:8406 MW: 384.50 MOLFM: C26-H24-O3
SYN: 2-(p-METHOXY-alpha-PHENACYLBENZYL)-3,4-DIHYDRO-1(2H)-NAPHTHALENONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:265 mg/kg RPTOAN 45,133,82

QK4900000 1(2H)-NAPHTHALENENONE, 3,4-DIHYDRO-4-METHYL-2-PIPERIDINOMETHYL-, HYDROCHLORIDE
UPDT:8307 MW: 293.87 MOLFM: C17-H23-N-O .Cl-H
SYN: 3,4-DIHYDRO-4-METHYL-2-PIPERIDINYL-1(2H)-NAPTHALENONE HYDROCHLORIDE * N 642
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:62500 ug/kg AIPTAK 130,155,61
unk-mus LD50:62 mg/kg NEPSBV 2,162,60

QK5035000 2(1H)-NAPHTHALENONE, 3,4-DIHYDRO-1-(alpha-PHENACYLBENZYL)-
UPDT:8406 MW: 354.47 MOLFM: C25-H22-O2
SYN: 1-(alpha-PHENACYLBENZYL)-3,4-DIHYDRO-2(1H)-NAPHTHALENONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:265 mg/kg RPTOAN 45,133,82

QK5054000 1(2H)-NAPHTHALENONE, 3,4-DIHYDRO-2-(2-PYRIDYLMETHYLENE)-
UPDT:8311 CAS: 13640-50-1 MW: 235.30 MOLFM: C16-H13-N-O
SYN: 2-(2-PYRIDYLMETHYLENE)-3,4-DIHYDRO-1(2H)-NAPHTHALENONE
TOXICITY DATA AND REFERENCES:
1F13 ipr-mus LD50:147 mg/kg JPMSAE 56,644,67

QK5054010 1(2H)-NAPHTHALENONE, 3,4-DIHYDRO-2-(3-PYRIDYLMETHYLENE)-
UPDT:8311 CAS: 13640-51-2 MW: 235.30 MOLFM: C16-H13-N-O
SYN: 2-(3-PYRIDYLMETHYLENE)-3,4-DIHYDRO-1(2H)-NAPHTHALENONE
TOXICITY DATA AND REFERENCES:
1F18 ipr-mus LD50:147 mg/kg JPMSAE 56,644,67

QK5100000 1(2H)-NAPHTHALENONE, OCTAHYDRO-7-beta-ISOPROPYL-4a-alpha,8a-alpha-DIMETHYL-, SEMICARBAZONE, (-)-
UPDT:8408 MW: 279.48 MOLFM: C16-H29-N3-O
SYN: JATAMANSONE SEMICARBAZONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-mus TDLo:200 mg/kg (4D pre) IJEBA6 11,583,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-((1-NAPHTHALENYLAMINO)CARBONYL)BENZOIC ACID see: TH7350000
4-(1-NAPHTHALENYLAZO)-1,3-PHENYLENEDIAMINE see: ST2900000
1-NAPHTHALENYLCARBAMIC ACID 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER HYDROCHLORIDE see: FC9090000
1-NAPHTHALENYLCARBAMIC ACID 1-(1-ETHYNYLCYCLOHEXYL)-3-AZETIDINYL ESTER HYDROCHLORIDE see: FC9095000
N-1-NAPHTHALENYL-1,2-ETHANEDIAMINE DIHYDROCHLORIDE see: KV5330000
1-(1-NAPHTHALENYL)ETHANONE see: AL2982800
1-(2-NAPHTHALENYL)ETHANONE see: AL2988000
5-(2-(1-NAPHTHALENYLOXY)ETHYL)-1H-TETRAZOLE see: XF7472800
1-NAPHTHALENYLTHIOUREA see: YT9275000

QK5350000 1,8-NAPHTHALIC ANHYDRIDE
UPDT:8309 CAS: 81-84-5 MW: 198.18 MOLFM: C12-H6-O3
SYN: PROTECT
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:12340 mg/kg FMCHA2 -,C199,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QK5370000 NAPHTHALIC ANHYDRIDE, 3-NITRO-
UPDT:8307 CAS: 3027-38-1 MW: 243.18 MOLFM: C12-H5-N-O5
SYN: 1H,3H-NAPHTHO(1,8-cd)PYRAN-1,3-DIONE, 5-NITRO- * 3-NITRONAPHTHALIC ANHYDRIDE * 3-NITRO-1,8-NAPHTHALIC ANHYDRIDE
MUTATION DATA AND REFERENCES:
mmo-sat 3300 ng/plate ENMUDM 3,499,81

NAPHTHALIDAM see: QM1400000
NAPHTHALIDINE see: QM1400000

QK5775000 NAPHTHALIMIDE, N-HYDROXY-, DIETHYL PHOSPHATE
UPDT:8310 CAS: 1491-41-4 MW: 349.30 MOLFM: C16-H16-N-O6-P
SYN: B-9002 * BAY 9002 * BAYER 25820 * BAYER 5940 * 1H-BENZ(de)ISOQUINOLINE-1,3(2H)-DIONE, 2-((DIETHOXYPHOSPHINYL)OXY)- * O,O-DIETHYL N-HYDROXYNAPHTHALIMIDE PHOSPHATE * CHEMAGRO B-9002 * E 9002 * ENT 25,567 * N-HYDROXYNAPHTHYLIMIDE DIETHYL PHOSPHATE * MARETIN * NAFTALOFOS * NAPHTHALOPHOS * PHOSPHORIC ACID, DIETHYL ESTER N-NAPHTHALIMIDE deriv. * PHOSPHORIC ACID, DIETHYL ESTER, NAPHTHALIMIDO deriv. * PHTALOPHOS * RAMETIN * RAWETIN * S 940
TOXICITY DATA AND REFERENCES:
orl-rat LD50:70 mg/kg WRPCA2 9,119,70
skn-rat LD50:140 mg/kg SPEADM 78-1,45,78
orl-mus LD50:50 mg/kg ARSIM* 20,3,66
orl-ckn LD50:43 mg/kg TXAPA9 11,49,67
orl-dom LDLo:200 mg/kg FAZMAE 17,108,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 46,1,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QK5950000 NAPHTHALIMIDE, N-HYDROXY-, 0,0-DIETHYL PHOSPHOROTHIOATE
UPDT:8308 CAS: 2668-92-0 MW: 365.36 MOLFM: C16-H16-N-O5-P-S
SYN: BAY 22,408 * O,O-DIETHYL O-NAPHTHALIMIDE PHOSPHOROTHIOATE * O,O-DIETHYL O-NAPHTHALOXIMIDO PHOSPHOROTHIOATE * O,O-DIETHYL O-NAPHTHALOXIMIDOPHOSPHOROTHIONATE * O,O-DIETHYL-O-NAPHTHYLAMIDOPHOSPHOROTHIOATE * ENT 24970 * NAPHTHALOXIMIDE O,O-DIETHYL PHOSPHOROTHIOATE * NAPHTHALOXIMIDODIETHYL THIOPHOSPHATE * PHOSPHOROTHIOIC ACID, O,O-DIETHYL ESTER, O-NAPHTHALIMIDO derivative * PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-NAPHTHYLAMIDO ESTER * S 125
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg TXAPA9 21,315,72
orl-ckn LD50:3169 mg/kg TXAPA9 3,521,61
orl-bwd LD50:24 mg/kg TXAPA9 21,315,72

NAPHTHALIN see: QJ0525000
NAPHTHALIN (DOT) see: QJ0525000
NAPHTHALINE see: QJ0525000
NAPHTHALOPHOS see: QK5775000
NAPHTHALOXIMIDE-0,0-DIETHYL PHOSPHOROTHIOATE see: QK5950000
NAPHTHALOXIMIDODIETHYL THIOPHOSPHATE see: QK5950000

QK6950000 1-NAPHTHAMIDE, 4-ETHOXY-N-(4-METHYL-1-PIPERAZINYL)-, DIHYDROCHLORIDE
UPDT:8403 MW: 386.36 MOLFM: C18-H23-N3-O2 .2Cl-H
SYN: 4-ETHOXY-N-(4-METHYL-1-PIPERAZINYL)-1-NAPHTHAMIDE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:125 mg/kg JAPMA8 46,279,57

QK7015000 1-NAPHTHAMIDE, N-(4-METHYL-1-PIPERAZINYL)-4-PROPOXY-, DIHYDROCHLORIDE
UPDT:8403 MW: 400.39 MOLFM: C19-H25-N3-O2 .2Cl-H
SYN: N-(4-METHYL-1-PIPERAZINYL)-4-PROPOXY-1-NAPHTHAMIDE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:81 mg/kg JAPMA8 46,279,57

QK7127000 1-NAPHTHAMIDINE, N-(3-CHLORO-p-TOLYL)-
UPDT:8306 CAS: 23564-87-6 MW: 294.80 MOLFM: C18-H15-Cl-N2
SYN: N-(3-CHLORO-p-TOLYL)-1-NAPHTHAMIDINE * 1-NAPHTHALENECARBOXIMIDAMIDE, N-(3-CHLORO-p-TOLYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1200 mg/kg APFRAD 30,735,72

QK7147000 1-NAPHTHAMIDINE, N,N-DIHEPTYL-4-ETHOXY-, MONOHYDROCHLORIDE
UPDT:8407 CAS: 30832-58-7 MW: 447.17 MOLFM: C27-H42-N2-O .Cl-H
SYN: N,N-DIHEPTYL-4-ETHOXY-1-NAPHTHAMIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1000 mg/kg JMCMAR 14,97,71

QK7174600 1-NAPHTHAMIDINE, N-(2,5-DIMETHOXYPHENYL)-
UPDT:8306 CAS: 23564-89-8 MW: 306.39 MOLFM: C19-H18-N2-O2
SYN: N-(2,5-DIMETHOXYPHENYL)-2-NAPHTHAMIDINE * 1-NAPHTHALENECARBOXIMIDAMIDE, N-(2,5-DIMETHOXYPHENYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:400 mg/kg APFRAD 30,735,72

QK7250000 1-NAPHTHAMIDINE, N-(o-HYDROXYPHENYL)-
UPDT:8306 CAS: 23564-91-2 MW: 262.33 MOLFM: C17-H14-N2-O
SYN: N-(o-HYDROXYPHENYL)-1-NAPHTHAMIDINE * 1-NAPHTHALENECARBOXIMIDAMIDE, N-(2-HYDROXYPHENYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:80 mg/kg APFRAD 30,735,72

QK7255000 1-NAPHTHAMIDINE, N-(o-METHOXYPHENYL)-
UPDT:8306 CAS: 23564-84-3 MW: 276.36 MOLFM: C18-H16-N2-O
SYN: N-(o-METHOXYPHENYL)-1-NAPHTHAMIDINE * 1-NAPHTHALENECARBOXIMIDAMIDE, N-(2-METHOXYPHENYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:80 mg/kg APFRAD 30,735,72

QK7260000 1-NAPHTHAMIDINE, N-(p-METHOXYPHENYL)-
UPDT:8307 CAS: 23564-86-5 MW: 276.36 MOLFM: C18-H16-N2-O
SYN: N-(p-METHOXYPHENYL)-1-NAPHTHAMIDINE * 1-NAPHTHALENECARBOXIMIDAMIDE, N-(4-METHOXYPHENYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:280 mg/kg APFRAD 30,735,72

QK7265000 1-NAPHTHAMIDINE, N-p-TOLYL-
UPDT:8306 CAS: 23564-93-4 MW: 260.36 MOLFM: C18-H16-N2
SYN: 1-NAPHTHALENECARBOXIMIDAMIDE, N-(4-METHYLPHENYL)- * N-p-TOLYL-1-NAPHTHAMIDINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:195 mg/kg APFRAD 30,735,72

NAPHTHAMINBLAU 3BX see: QJ6475000
NAPHTHAMINE BLUE 3BX see: QJ6475000
NAPHTHAMINE DARK GREEN B see: QJ6195050
NAPHTHANE see: QJ3150000
NAPHTHANIL BLUE B BASE see: DD0875000

QK7507000 NAPHTHANIL DIAZO BLUE B
UPDT:8403 CAS: 63241-69-0
MUTATION DATA AND REFERENCES:
mmo-sat 400 ug/plate TRENAF 27,153,76

mmo-sat 400 ug/plate TRENAF 27,153,76
dnr-bcs 2 mg/disc TRENAF 27,153,76

NAPHTHANIL RED 3G BASE see: BX1575000
NAPHTHANIL SCARLET G BASE see: XU8225000
NAPHTHANTHRACENE see: CV9275000
NAPHTHANTHRONE see: CX5075000
NAPHTHA PETROLEUM (DOT) see: DE3030000
NAPHTHA, SOLVENT (DOT) see: DE3030000
NAPHTHA, V.M. and P. see: SE7555000
NAPHTHAZARIN see: QL7970000
NAPHTHAZARINE see: QL7970000
NAPHTHAZARONE see: QL7970000
NAPHTHAZINE GREEN S see: BQ1150000
NAPHTHAZINE ROSE 2G see: QJ6030000
NAPHTHAZINE SCARLET 2R see: QJ6825000
NAPHTHENE see: QJ0525000

QK8750000 NAPHTHENIC ACID
UPDT:8403 CAS: 1338-24-5
SYN: AGENAP * NA 9137 (DOT) * NAPHID * NAPHTHENIC ACID (DOT) * SUNAPTIC ACID B * SUNAPTIC ACID C
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3000 mg/kg AMIHAB 12,477,55
2F15K17 ipr-rat LD50:640 mg/kg AMIHAB 12,477,55
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QK8770000 NAPHTHENIC ACIDS, ALUMINUM SALT
UPDT:8412 CAS: 61789-64-8
TOXICITY DATA AND REFERENCES:
3F05F07F21 ipr-rat LD50:2525 mg/kg GTPZAB 26(7),51,82
3F05F07F21 ipr-mus LD50:2350 mg/kg GTPZAB 26(7),51,82

QK8925000 NAPHTHENIC ACID, COBALT SALT
UPDT:8312 CAS: 61789-51-3
SYN: COBALT NAPHTHENATE * COBALT NAPHTHENATE, powder (DOT) * NAPHTENATE DE COBALT (French) * UN 2001 (DOT)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3900 mg/kg AMIHAB 12,477,55
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QK9100000 NAPHTHENIC ACID, COPPER SALT
UPDT:8305 CAS: 1338-02-9
SYN: COPPER NAPHTHENATE * COPPER UVERSOL * CUPRINOL * WITTOX C
TOXICITY DATA AND REFERENCES:
orl-mus LDLo:110 mg/kg SCCUR* -,3,61
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NAPHTHENIC ACID (DOT) see: QK8750000

QK9150000 NAPHTHENIC ACID, LEAD SALT
UPDT:8401 CAS: 61790-14-5 MW: 1578.52 MOLFM: C7-H12-O2 xPb
SYN: CYCLOHEXANECARBOXYLIC ACID, LEAD SALT * LEAD NAPHTHENATE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:50 gm/kg/29W-I BECCAN 39,420,61
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5100 mg/kg AMIHAB 12,477,55
1F15 ipr-rat LD50:520 mg/kg AMIHAB 12,477,55
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 23,325,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NAPHTHENIC ACID, PHENYLMERCURY SALT see: OW7700000
NAPHTHIONIC ACID see: QK1270000
1,4-NAPHTHIONIC ACID see: QK1270000

QL0175000 NAPHTHO(1,2,3,4-def)CHRYSENE
UPDT:8404 CAS: 192-65-4 MW: 302.38 MOLFM: C24-H14
SYN: DB(a,e)P * DIBENZO(a,e)PYRENE * 1,2,4,5-DIBENZOPYRENE
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:312 mg/kg/52W-I ZEKBAI 68,137,66
2V03V10 scu-mus TDLo:72 mg/kg/9W-I COREAF 259,3899,64
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 3,201,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 32,327,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL0350000 NAPHTHO(1,2,3,4-def)CHRYSENE, 5-METHYL-
UPDT:8401 CAS: 2869-09-2 MW: 316.41 MOLFM: C25-H16
SYN: 2'-METHYL-1,2:4,5-DIBENZOPYRENE * 5-METHYLNAPHTHO(1,2,3,4-def)CHRYSENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I COREAF 259,3899,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL0525000 NAPHTHO(1,2,3,4-def)CHRYSENE, 6-METHYL-
UPDT:8401 CAS: 2869-10-5 MW: 316.41 MOLFM: C25-H16
SYN: 3'-METHYL-1,2:4,5-DIBENZOPYRENE * 6-METHYLNAPHTHO(1,2,3,4-def)CHRYSENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I COREAF 259,3899,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL0527000 NAPHTHOCYANIDINE
UPDT:8308 MW: 424.50 MOLFM: C22-H24-N4-O5
TOXICITY DATA AND REFERENCES:
1V30 ivn-mus LD50:24 mg/kg JANTAJ 35,642,82

QL0548000 NAPHTHO(2,3-d)-1,3-DIOXOL-6-AMINE, 5,6,7,8-TETRAHYDRO-, HYDROCHLORIDE
UPDT:8412 CAS: 33446-21-8 MW: 227.71 MOLFM: C11-H13-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:84 mg/kg CHTPBA 6,196,71

QL0600000 NAPHTHO(1,8-gh:4,5-g'h')DIQUINOLINE
UPDT:8401 CAS: 16566-64-6 MW: 304.36 MOLFM: C22-H12-N2
SYN: 1,12-DIAZADIBENZO(a,i)PYRENE * DIPYRIDO(2,3-d,2,3-i)PYRENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo.72 mg/kg/9W-I BJCAAI 26,262,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL0610000 NAPHTHO(1,8-gh:5,4-g'h')DIQUINOLINE
UPDT:8401 CAS: 16566-62-4 MW: 304.36 MOLFM: C22-H12-N2
SYN: 4,11-DIAZADIBENZO(a,h)PYRENE * DIPYRIDO(2,3-d,2,3-k)PYRENE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 ipr-rat TDLo:100 mg/kg NEOLA4 26,23,79
2V03V10 scu-mus TDLo:72 mg/kg/9W-I BJCAAI 26,262,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL0700000 NAPHTHO(2,3-b)-p-DITHIIN-2,3-DICARBONITRILE, 5,10-DIHYDRO-5,10-DIOXO-
UPDT:8403 CAS: 3347-22-6 MW: 296.32 MOLFM: C14-H4-N2-O2-S2
SYN: DELAN * DELAN-COL * 2,3-DICARBONITRILO-1,4-DIATHIAANTHRACHINON (German) * 2,3-DICYANO-1,4-DITHIA-ANTHRAQUINONE * 5,10-DIHYDRO-5,10-DIOXONAPHTHO(2,3-b)-p-DITHIIN-2,3-DICARBONITRILE * 2,3-DINITRILO-1,4-DITHIOANTHRACHINON (German) * 2,3-DINITRILO-1,4-DITHIA-ANTHRAQUINONE * 1,4-DITHIAANTHRAQUINONE-2,3-DICARBONITRILE * 1,4-DITHIAANTHRAQUINONE-2,3-DINITRILE * DITHIANON * DITHIANONE * DTA * IT 931 * MV 119A * STAUFFER MV-119A * THYNON
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:638 mg/kg FMCHA2 -,C86,83
unk-rat LD50:1015 mg/kg 30ZDA9 -,425,71
orl-mus LD50:1140 mg/kg 31ZOAD 1,189,68
orl-gpg LD50:110 mg/kg 28ZEAL 5,86,76

NAPHTHOELAN NAVY BLUE see: ST3150000
(alpha-NAPHTHOFLUORENE see: DF6382000

QL0822900 NAPHTHO(2,1-b)FURAN, 6-BROMO-2-NITRO-
UPDT:8303 MW: 292.10 MOLFM: C12-H6-Br-N-O3
SYN: 6-BROMO-2-NITRONAPHTHO(2,1-b)FURAN
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 104,1,82
mma-sat 1 nmol/plate MUREAV 104,1,82
pic-sat 100 pmol/plate MUREAV 104,1,82

QL0823100 NAPHTHO(2,3-b)FURAN, 9-BROMO-2-NITRO-
UPDT:8303 MW: 292.10 MOLFM: C12-H6-Br-N-O3
SYN: 9-BROMO-2-NITRONAPHTHO(2,3-b)FURAN
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 104,1,82
mma-sat 1 nmol/plate MUREAV 104,1,82
pic-sat 100 pmol/plate MUREAV 104,1,82

QL0823400 NAPHTHO(1,2-b)FURAN-3-CARBOXYLIC ACID, 6-(2-HYDROXY-3-(BENZYLAMINO)PROPOXY)-2-METHYL-, ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8405 CAS: 76410-24-7 MW: 470.00 MOLFM: C26-H27-N-O5 Cl-H
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

QL0823600 NAPHTHO(1,2-b)FURAN-3-CARBOXYLIC ACID, 6-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-2-METHYL-, ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8405 CAS: 76410-23-6 MW: 421.96 MOLFM: C22-H27-N-O5 Cl-H
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

QL0824000 NAPHTHO(1,2-b)FURAN, 5-CHLORO-2-NITRO-
UPDT:8303 MW: 247.64 MOLFM: C12-H6-Cl-N-O3
SYN: 5-CHLORO-2-NITRONAPHTHO(1,2-b)FURAN
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 104,1,82
mma-sat 1 nmol/plate MUREAV 104,1,82
pic-sat 100 pmol/plate MUREAV 104,1,82

QL0838000 NAPHTHO(1,2-b)FURAN, 5-METHOXY-2-NITRO-
UPDT:8303 MW: 243.23 MOLFM: C13-H9-N-O4
SYN: 5-METHOXY-2-NITRONAPHTHO(1,2-b)FURAN
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 104,1,82
mma-sat 1 nmol/plate MUREAV 104,1,82
pic-sat 100 pmol/plate MUREAV 104,1,82

QL0839000 NAPHTHO(2,1-b)FURAN, 5-METHOXY-2-NITRO-
UPDT:8303 MW: 243.23 MOLFM: C13-H9-N-O4
SYN: 5-METHOXY-2-NITRONAPHTHO(2,1-b)FURAN
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 104,1,82
mma-sat 1 nmol/plate MUREAV 104,1,82
pic-sat 10 pmol/plate MUREAV 104,1,82

QL0839800 NAPHTHO(2,1-b)FURAN, 6-METHOXY-2-NITRO-
UPDT:8303 MW: 243.23 MOLFM: C13-H9-N-O4
SYN: 6-METHOXY-2-NITRONAPHTHO(2,1-b)FURAN
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 104,1,82
mma-sat 1 nmol/plate MUREAV 104,1,82
pic-sat 10 pmol/plate MUREAV 104,1,82

QL0840000 NAPHTHO(2,1-b)FURAN, 7-METHOXY-2-NITRO-
UPDT:8412 MW: 243.23 MOLFM: C13-H9-N-O4
SYN: 7-METHOXY-2-NITRONAPHTHO(2,1-b)FURAN * 2-NITRO-7-METHOXYNAPHTHO(2,1-b)FURAN * R7000
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 88,355,81
mma-sat 1 nmol/plate MUREAV 88,355,81
mnt-ham:lng 100 ug/L MUREAV 130,273,84
sce-ham:lng 100 ug/L MUREAV 130,273,84
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:10 mg/kg/5W-I PAACA3 25,96,84
2V03V10 scu-rat TD :20 mg/kg/10W-I PAACA3 25,96,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL0840200 NAPHTHO(2,1-b)FURAN, 8-METHOXY-2-NITRO-
UPDT:8408 MW: 243.23 MOLFM: C13-H9-N-O4
SYN: 8-METHOXY-2-NITRONAPHTHO(2,1-b)FURAN * 2-NITRO-8-METHOXYNAPTHTHOL(2,1-b)-FURAN
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 104,1,82
mma-sat 1 nmol/plate MUREAV 104,1,82
pic-sat 100 pmol/plate MUREAV 104,1,82
otr-mus:emb 200 ug/L CNREA8 44,1969,84
mnt-ham:lng 500 ug/L CNREA8 44,1969,84
otr-ham:emb 10 ug/L CNREA8 44,1969,84
sce-ham:lng 500 ug/L CNREA8 44,1969,84
msc-ham:lng 200 ug/L CNREA8 44,1969,84

QL0840400 NAPHTHO(2,1-b)FURAN, 9-METHOXY-2-NITRO-
UPDT:8303 MW: 243.23 MOLFM: C13-H9-N-O4
SYN: 9-METHOXY-2-NITRONAPHTHO(2,1-b)FURAN
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 104,1,82
mma-sat 1 nmol/plate MUREAV 104,1,82
pic-sat 10 pmol/plate MUREAV 104,1,82

QL0840600 NAPHTHO(2,3-b)FURAN, 8-METHOXY-2-NITRO-
UPDT:8303 MW: 243.23 MOLFM: C13-H9-N-O4

SYN: 8-METHOXY-2-NITRONAPHTHO(2,3-b)FURAN
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 104,1,82
mma-sat 1 nmol/plate MUREAV 104,1,82
pic-sat 100 pmol/plate MUREAV 104,1,82

QL0842000 NAPHTHO(2,1-b)FURAN, 2-NITRO-
UPDT:8408 MW: 213.20 MOLFM: C12-H7-N-O3
SYN: 2-NITRONAPHTHO(2,1-b)FURAN
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 88,355,81
mma-sat 1 nmol/plate MUREAV 88,355,81
pic-sat 100 pmol/plate MUREAV 104,1,82
sce-ham:lng 500 ug/L CNREA8 44,1969,84
msc-ham:lng 500 ug/L CNREA8 44,1969,84

QL0845000 NAPHTHO(2,1-b)FURAN, 2-PHENYL-1-(p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)-
UPDT:8408 MW: 433.58 MOLFM: C30-H27-N-O2
SYN: 2-PHENYL-3-p-(beta-PYRROLIDINOETHOXY)PHENYL-(2,1-b)NAPHTHOFURAN * 2-PHENYL-1-(p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)NAPHTHO(2,1-b)FURAN * 2-PHENYL-3-p-(beta-PYRROLIDINOETHOXY)-PHENYL-NAPHTHO(2,1-b)FURAN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:7 mg/kg (1D preg) CCPTAY 1,29,70
1T13 orl-rat TDLo:10 mg/kg (1-5D preg) IJEBA6 11,479,73
1T13 orl-rat TDLo:5 mg/kg (5D pre) IJEBA6 8,139,70
1T13 scu-rat TDLo:25 ug/kg (5D pre) IJEBA6 8,139,70
2T24T25 ivg-rat TDLo:10 mg/kg (1D preg) IJEBA6 12,370,74
1T24 orl-mus TDLo:10 mg/kg (1D preg) CCPTAY 1,29,70
1T24 orl-rbt TDLo:10 mg/kg (2D preg) CCPTAY 1,29,70
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg CCPTAY 1,29,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

alpha-NAPHTHOHYDROXAMIC ACID see: QJ1894500 1-NAPHTHALENECARBOXAMIDE, N-HYDROXY-
1-NAPHTHOHYDROXAMIC ACID see: QJ1894500 1-NAPHTHALENECARBOXAMIDE, N-HYDROXY-

QL0850000 2-NAPHTHOHYDROXAMIC ACID
UPDT:8408 CAS: 10335-79-2 MW: 187.21 MOLFM: C11-H9-N-O2
SYN: 2-NAPHTHALENECARBOXAMIDE, N-HYDROXY- (9CI) * 2-NAPHTHOHYDROXIMIC ACID * 2-NAPHTHOYLHYDROXAMIC ACID * 2-NAPHTHYLHYDROXAMIC ACID
MUTATION DATA AND REFERENCES:
mmo-sat 250 nmol/plate MUREAV 135,139,84
mma-sat 10 nmol/plate MUREAV 56,7,77
sce-ham:ovr 20 umol/L PAACA3 21,126,80
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

QL0858000 2-NAPHTHOHYDROXAMIC ACID, O-METHYL-
UPDT:8408 MW: 201.24 MOLFM: C12-H11-N-O2
SYN: 2-NAPHTHO-O-METHYLHYDROXAMIC ACID
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate MUREAV 135,139,84

2-NAPHTHOHYDROXIMIC ACID see: QL0850000
beta-NAPHTHOIC ACID see: QL1050000

QL1050000 2-NAPHTHOIC ACID
UPDT:8408 CAS: 93-09-4 MW: 172.19 MOLFM: C11-H8-O2
SYN: ISONAPHTHOIC ACID * 2-MAYTHIC ACID * 2-NAPHTHALENECARBOXYLIC ACID * NAPHTHALENE-beta-CARBOXYLIC ACID * beta-NAPHTHOIC ACID
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4500 mg/kg 85GMAT -,90,82
* orl-mus LD50:4700 mg/kg 85GMAT -,90,82
ipr-mus LDLo:500 mg/kg CBCCT* 4,379,52
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QL1400000 2-NAPHTHOIC ACID, 3-AMINO-
UPDT:8403 CAS: 5959-52-4 MW: 187.21 MOLFM: C11-H9-N-O2
SYN: 3-AMINOISONAPHTHOIC ACID * 3-AMINO-2-NAPHTHALENECARBOXYLIC ACID * 3-AMINO-2-NAPHTHOIC ACID
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1600 mg/kg 14CYAT 2,1840,63
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QL2180000 2-NAPHTHOIC ACID, 4,4'-METHYLENEBIS(3-HYDROXY-
UPDT:8308 CAS: 130-85-8 MW: 388.39 MOLFM: C23-H16-O6
SYN: EMBONIC ACID * 4,4'-METHYLENEBIS(3-HYDROXY-2-NAPHTHOIC ACID) * 2-NAPHTHALENECARBOXYLIC ACID, 4,4'-METHYLENEBIS(3-HYDROXY- (9CI) * PAMOIC ACID
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MOD FCTOD7 20,573,82
eye-rbt 100 mg/4S rns MLD FCTOD7 20,573,82
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:390 mg/kg EJMCA5 13,381,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QL2200000 2-NAPHTHOIC ACID, 4,4'-METHYLENEBIS(3-HYDROXY-, ester with 2-(2-(4-(p-CHLORO-alpha- PHENYLBENZYL)-1-PIPERAZINYL)-ETHOXY)ETHANOL
UPDT:8407 CAS: 5978-92-7 MW: 745.32 MOLFM: C44-H41-Cl-N2-O7
SYN: HYDROXYZINE PAMOATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T43T46 orl-rat TDLo:600 mg/kg (10-15D preg) AJOGAH 95,109,66
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1740 mg/kg NIIRDN 6,621,82
* orl-mus LD50:1840 mg/kg NIIRDN 6,621,82
* ipr-mus LD50:360 mg/kg NIIRDN 6,621,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL2287000 2-NAPHTHOIC ACID, 4,4'-METHYLENEBIS(3-HYDROXY-, compd. with (E)-1,4,5,6-TETRAHYDRO-1-METHYL- 2-(2-(2-THIENYL)VINYL)PYRIMIDINE (1:1)
UPDT:8408 CAS: 22204-24-6 MW: 594.72 MOLFM: C23-H16-O6 C11-H14-N2-S
SYN: COMBANTRIN * PYRANTEL PAMOATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:1800 mg/kg (9-14D preg) OYYAA2 5,41,71
1T03 orl-rat TDLo:45500 mg/kg (91D male) OYYAA2 5,335,71
1T13 orl-rat TDLo:45500 mg/kg (91D pre) OYYAA2 5,335,71
1T12 orl-rat TDLo:91 gm/kg (91D pre) OYYAA2 5,335,71
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:535 mg/kg NIIRDN 6,642,82
* scu-rat LDLo:6600 mg/kg OYYAA2 5,305,71
* ipr-mus LD50:620 mg/kg NIIRDN 6,642,82
* scu-mus LDLo:4 gm/kg OYYAA2 5,305,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

alpha-NAPHTHOL see: QL2800000
beta-NAPHTHOL see: QL2975000

QL2800000 1-NAPHTHOL
UPDT:8407 CAS: 90-15-3 MW: 144.18 MOLFM: C10-H8-O
SYN: BASF URSOL ERN * C.I. 76605 * C.I. OXIDATION BASE 33 * DURAFUR DEVELOPER D * FOURAMINE ERN * FOURRINE 99 * FOURRINE ERN * FURRO ER * alpha-HYDROXYNAPHTHALENE * 1-HYDROXYNAPHTHALENE * NAKO TRB * 1-NAPHTHALENOL * alpha-NAPHTHOL * TERTRAL ERN * URSOL ERN * ZOBA ERN
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV BIOFX* 25-4/73
skn-rbt 550 mg open MOD UCDS** 11/10/64
eye-rbt 1 mg SEV UCDS** 11/10/64
MUTATION DATA AND REFERENCES:
mma-sat 500 ug/plate BJCAAI 37,873,78
dnr-esc 20 uL/disc MUREAV 97,1,82
dnr-bcs 5 gm/L MUREAV 42,19,77
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T26T34 scu-mus TDLo:90 mg/kg (6-14D preg) NTIS** PB223-160
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2400 mg/kg GTPPAF 8,145,72
* skn-rbt LD50:880 mg/kg AIHAAP 23,95,62
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 47(2),75,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL2975000 2-NAPHTHOL
UPDT:8407 CAS: 135-19-3 MW: 144.18 MOLFM: C10-H8-O
SYN: AZOGEN DEVELOPER A * C.I. 37500 * C.I. AZOIC COUPLING COMPONENT 1 * C.I. DEVELOPER 5 * DEVELOPER A * DEVELOPER AMS * DEVELOPER BN * DEVELOPER SODIUM * beta-HYDROXYNAPHTHALENE * 2-HYDROXYNAPHTHALENE * ISONAPHTHOL * beta-MONOXYNAPHTHALENE * beta-NAFTOL (Dutch) * 2-NAFTOL (Dutch) * beta-NAFTOLO (Italian) * 2-NAFTOLO (Italian) * 2-NAPHTHALENOL * NAPHTHOL B * beta-NAPHTHOL * 2-NAPHTOL (French) * beta-NAPHTHYL ALCOHOL * beta-NAPHTHYL HYDROXIDE * beta-NAPHTOL (German)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD BIOFX* 26-4/73
eye-rbt 100 mg MOD BIOFX* 26-4/73
MUTATION DATA AND REFERENCES:
dnr-esc 20 uL/disc MUREAV 97,1,82
TOXICITY DATA AND REFERENCES:
scu-rat LDLo:2940 mg/kg AEPPAE 186,195,37
* orl-rat LD50:1960 mg/kg GTPPAF 8,145,72
orl-mus LDLo:100 mg/kg HBAMAK 4,1289,35
ipr-mus LD50:97500 mg/kg EJMCA5 13,381,78
scu-mus LDLo:100 mg/kg ZHINAV 64,113,1909
orl-cat LDLo:100 mg/kg HBAMAK 4,1289,35
scu-rbt LDLo:3 gm/kg HBAMAK 4,1289,35
scu-gpg LDLo:2670 mg/kg AEPPAE 186,195,37
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 47(2),75,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

QL3000000 1-NAPHTHOL, 2-AMINO-
UPDT:8401 CAS: 42884-33-3 MW: 159.20 MOLFM: C10-H9-N-O
SYN: 2-AMINO-1-NAPHTHOL * AMINONAPHTHALENOL * NAPHTHALENOL, AMINO- (9CI)
TUMORIGENIC DATA AND REFERENCES:
2V03P61 ipr-rat TDLo:39 mg/kg/13W-I CNREA8 28,535,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL3335000 2-NAPHTHOL, 1-AMINO-, HYDROCHLORIDE
UPDT:8401 CAS: 1198-27-2 MW: 195.66 MOLFM: C10-H9-N-O Cl-H
SYN: 1-AMINO-2-NAPHTHOL HYDROCHLORIDE * 2-HYDROXY-1-NAPHTHYLAMINE HYDROCHLORIDE
MUTATION DATA AND REFERENCES:
dnr-esc 500 ug/well/16H CBINA8 15,219,76
TUMORIGENIC DATA AND REFERENCES:
2V01M60 imp-mus TDLo:100 mg/kg BJCAAI 10,539,56
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL3340000 1-NAPHTHOL, 2-AMINO-, HYDROCHLORIDE
UPDT:8401 CAS: 41772-23-0 MW: 195.66 MOLFM: C10-H9-N-O Cl-H
SYN: 2-AMINO-1-NAPHTHOL HYDROCHLORIDE * 1-HYDROXY-2-NAPHTHYLAMINE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:1100 mg/kg/45W-I BJCAAI 6,412,52
3V03P61V10 scu-mus TDLo:1100 mg/kg/45W-I BJCAAI 6,412,52
2V01M60 imp-mus TDLo:80 mg/kg BJCAAI 17,127,63
2V01M60 imp-mus TD :100 mg/kg BJCAAI 10,539,56
2V03M60 imp-mus TD :120 mg/kg LANCAO 2,286,51
2V03V10 imp-mus TD :40 mg/kg BJCAAI 6,412,52
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL3342000 1-NAPHTHOL, 4-AMINO-, HYDROCHLORIDE
UPDT:8401 CAS: 5959-56-8 MW: 195.66 MOLFM: C10-H9-N-O Cl-H
SYN: 1-AMINO-4-NAPHTHOL HYDROCHLORIDE * 4-AMINO-1-NAPHTHOL HYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
2V02M60 imp-mus TDLo:50 mg/kg BJCAAI 12,222,58
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL3350000 1-NAPHTHOL, 4-AMINO-2-METHYL-
UPDT:8403 CAS: 83-70-5 MW: 173.23 MOLFM: C11-H11-N-O
SYN: 4-AMINO-2-METHYL-1-NAPHTHALENOL * 4-AMINO-2-METHYL-1-NAPHTHOL * 1-HYDROXY-2-METHYL-4-AMINONAPHTHALENE * KAYVISYN * 2-METHYL-4-AMINO-1-HYDROXYNAPHTHALENE * 2-METHYL-4-AMINO-1-NAPHTHOL * 3-METHYL-4-HYDROXY-1-NAPHTHYLAMINE * 1-NAPHTHALENOL, 4-AMINO-2-METHYL- * SYNKAMIN * SYNKAMIN BASE * VITAMIN K5
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:250 mg/kg ARZNAD 17,1339,67

QL3355000 1-NAPHTHOL, 2-AMINO-, PHOSPHATE (ester), SODIUM SALT
UPDT:8401 CAS: 63077-09-8 MW: 403.35 MOLFM: C20-H17-N2-O4-P Na
SYN: BIS(2-AMINO-1-NAPHTHYL)SODIUM PHOSPHATE
TUMORIGENIC DATA AND REFERENCES:
2V01M60 imp-mus TDLo:80 mg/kg BJCAAI 17,127,63
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NAPHTHOL B see: QL2975000

QL3361000 2-NAPHTHOL, 1-BROMO-
UPDT:8403 CAS: 573-97-7 MW: 223.08 MOLFM: C10-H7-Br-O
SYN: 1-BROM-2-NAPHTHOL (German) * 1-BROMO-2-NAPHTHOL * DISTHEMIN * 2-NAPHTHALENOL, 1-BROMO- (9CI) * WORMIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1125 mg/kg PHARAT 30,147,75

QL3436000 2-NAPHTHOL, 1-((2-CHLORO-4-NITROPHENYL)AZO)-
UPDT:8412 CAS: 2814-77-9 MW: 327.74 MOLFM: C16-H10-Cl-N3-O3
SYN: ADC PERMANENT RED TONER R * AMERICAN VERMILION * BLAZING RED * CARNELIO RED R * 1-((2-CHLORO-4-NITROPHENYL)AZO)-2-NAPHTHOL * CHLORPARANITRANILINE RED * C.I. 12085 * C.I. PIGMENT RED 4 * DAINICHI PERMANENT RED RX * D and C RED NO. 36 * DUPLEX PERMATON RED L 20-7022 * FASTONA RED R * FAST ORANGE 3R * FAST ORANGE 3RJ * FLAME TONES * FLAMING RED * GRAPHTAL RED RL * GRAPHTOL RED RL * IRGALITE RED PRR * ISOL FAST RED R * ISOL FAST RED RG * KROMON RED R * LATEXOL RED J * LINCOLN RED 1002 * LUTETIA FAST ORANGE 3R * MONOLITE FAST RED G * MONOLITE FAST RED GA * MONOLITE FAST RED GF * 2-NAPHTALENOL, 1-((2-CHLORO-4-NITROPHENYL)AZO)- * NO. 1 FORTHFAST RED R * ORALITH RED * PERMANENT RED BFR * PERMANENT RED F * PERMANENT RED R * PERMANENT RED R EXTRA * PERMANENT RED RG EXTRA * PERMANENT RED TONER R * PERMANSA RED * PERMATON RED XL 20-7015 * PIGMENT RED 4 * PIGMENT RUBY ZH * PIGMENT SCARLET ZH * PYROTONE RED TONER RA-5520 * 12094 RED * RED EXTRACT R * RED NO. 228 * RUBBER RED R EXTRA * SEGNALE LIGHT RED PRG * SILOPOL RED G * SILOSOL RED GN * SILOTON RED 2G * SYTON FAST RED R * TANAGER RED X-761 * TIGER ORANGE * VERSAL FAST RED R * VULCAFIX RED J * VULCAFOR ORANGE R * VULCAN RED R
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate JJIND8 64,665,80
mma-sat 5 ug/plate ESKGA2 29,212,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

QL3447000 2-NAPHTHOL, DECAHYDRO-, ACETATE
UPDT:8305 CAS: 10519-11-6 MW: 196.32 MOLFM: C12-H20-O2
SYN: DECAHYDRO-beta-NAPHTHYL ACETATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,755,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QL3448000 2-NAPHTHOL, DECAHYDRO-, FORMATE
UPDT:8305 CAS: 10519-12-7 MW: 182.29 MOLFM: C11-H18-O2
SYN: DECAHYDRO-beta-NAPHTHYL FORMATE * DECALINYL FORMATE * 2-NAPHTHALENOL, DECAHYDRO-, FORMATE * SANTALOZONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,757,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1963

QL3675000 2-NAPHTHOL, 1-((2,5-DIMETHOXYPHENYL)AZO)-
UPDT:8401 CAS: 6358-53-8 MW: 308.36 MOLFM: C18-H16-N2-O3
SYN: C.I. 12156 * C.I. SOLVENT RED 80 * CITRUS RED 2 * CITRUS RED NO. 2 * 2,5-DIMETHOXYBENZENEAZO-beta-NAPHTHOL * 1-((2,5-DIMETHOXYPHENYL)AZO)-2-NAPHTHALENOL * 1-(2,5-DIMETHOXYPHENYLAZO)-2-NAPHTHOL * 2,5-DIMETHOXY-1-(PHENYLAZO)-2-NAPHTHOL * 1-(1-(2,5-DIMETHOXYPHENYL)AZO)-2-NAPHTHOL * 1-(2,5-DIMETHYLOXYPHENYLAZO)-2-NAPHTHOL
MUTATION DATA AND REFERENCES:
mmo-sat 500 ug/plate MUREAV 56,249,78
TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 scu-mus TDLo:20 gm/kg/80W-C FCTXAV 4,493,66
2V01M60 imp-mus TDLo:80 mg/kg BJCAAI 22,825,68
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71; ADCSAJ 13,271,70
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 8,101,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL3854000 2-NAPHTHOL, 1-((2,4-DINITROPHENYL)AZO)-
UPDT:8412 CAS: 3468-63-1 MW: 338.30 MOLFM: C16-H10-N4-O5
SYN: BRILLIANT TANGERINE 13030 * CALCOTONE ORANGE 2R * CARNELIO RED 2G * CHROMATEX ORANGE R * C.I. 12075 * C.I. PIGMENT ORANGE 5 * DAINICHI PERMANENT RED GG * D and C ORANGE NO. 17 * DINITRANILINE ORANGE * DINITROANILINE ORANGE ND-204 * DINITROANILINE RED * FASTONA RED 2G * GRAPHTOL RED 2GL * HANSA ORANGE RN * HELIO FAST ORANGE RN * HELIO FAST ORANGE 3RN * HELIO FAST ORANGE RT * HELIO FAST ORANGE 3RT * IRGALITE FAST RED 2GL * IRGALITE RED 2G * IRGALITE RED 2GW * IRGALITE RED PVB * ISOL FAST RED 2G * LAKE RED 2GL * LIGHT ORANGE R * LUTETIA FAST ORANGE R * MONOLITE FAST ORANGE 2R * MONOLITE FAST PAPER ORANGE 2R * MONOLITE FAST RED 2G * NIPPON ORANGE X-881 * ORALITH RED 2GL * 11048 ORANGE * ORANGE NO. 203 * ORANGE PIGMENT X * PERMANENT ORANGE * PERMANENT ORANGE DN TONER * PERMANENT ORANGE GG * PERMANENT ORANGE HD * PERMANENT ORANGE TONER RA-5650 * PERMANENT RED GG * PERMANSA ORANGE * PERMATONE ORANGE * PERMATON ORANGE XL 45-3015 * PIGMENT FAST ORANGE * SEGNALE LIGHT ORANGE RN * SEGNALE LIGHT ORANGE RNG * SIEGLE ORANGE 2S * SIGNAL ORANGE ORANGE Y-17 * SILOPOL ORANGE R * SILOSOL ORANGE RN * SILOTON ORANGE RL * SYTON FAST RED 2G * TERTROPIGMENT ORANGE LRN * TERTROPIGMENT RED P2G * VERSAL ORANGE RNL
MUTATION DATA AND REFERENCES:
mmo-sat 5 ug/plate ESKGA2 29,212,83
mma-sat 50 ug/plate MUREAV 66,181,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

2-NAPHTHOL-3,6-DISULFONIC ACID SODIUM SALT see: QJ6477000
beta-NAPHTHOL ETHYL ETHER see: QJ6900000
2-NAPHTHOL ETHYL ETHER see: QJ6900000
1-NAPHTHOL N-METHYLCARBAMATE see: FC5950000

QL4500000 2-NAPHTHOL, 1-NITRO-
UPDT:8403 CAS: 550-60-7 MW: 189.18 MOLFM: C10-H7-N-O3
SYN: 2-NAPHTHALENOL, 1-NITRO- (9CI) * 1-NITRO-2-NAPHTHOL
MUTATION DATA AND REFERENCES:
mma-sat 10 umol/plate MUREAV 58,11,78
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

QL4550000 1-NAPHTHOL, 2-NITROSO-
UPDT:8401 CAS: 132-53-6 MW: 173.18 MOLFM: C10-H7-N-O2
SYN: 2-NITROSO-1-NAPHTHOL
TUMORIGENIC DATA AND REFERENCES:
3V03R60T61 orl-rat TDLo:31 gm/kg/1Y-I JNCIAM 41,985,68
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NAPHTHOL ORANGE see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
NAPHTHOL ORANGE see: DB7085000
alpha-NAPHTHOL ORANGE see: DB7085000
beta-NAPHTHOL ORANGE see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO), MONOSODIUM SALT
2-NAPHTHOL ORANGE II see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO), MONOSODIUM SALT

QL4900000 2-NAPHTHOL, 1-(PHENYLAZO)-
UPDT:8412 CAS: 842-07-9 MW: 248.30 MOLFM: C16-H12-N2-O
SYN: ATUL ORANGE R * BENZENEAZO-beta-NAPHTHOL * BENZENE-1-AZO-2-NAPHTHOL * 1-BENZENEAZO-2-NAPHTHOL * BENZENE-1-AZO-2-NAPHTHOL * 1-BENZOAZO-2-NAPHTHOL * BRASILAZINA OIL ORANGE * BRILLIANT OIL ORANGE R * CALCOGAS M * CALCOGAS ORANGE NC * CALCO OIL ORANGE 7078 * CALCO OIL ORANGE 7078-Y * CALCO OIL ORANGE Z-7078 * CAMPBELLINE OIL ORANGE * CARMINAPH * CERES ORANGE R * CEROTINORANGE G * C.I. 12055 * C.I. SOLVENT YELLOW 14 * DISPERSOL YELLOW PP * DUNKELGELB * ENIAL ORANGE I * FAST OIL ORANGE * FAST OIL ORANGE I * FAST ORANGE * FAT ORANGE 4A * FAT ORANGE G * FAT ORANGE I * FAT ORANGE R * FAT ORANGE RS * FETTORANGE 4A * FETTORANGE LG * FETTORANGE R * GRASAL ORANGE * GRASAN ORANGE R * HIDACO OIL ORANGE * LACQUER ORANGE VG * MOTIORANGE R * NCI-C53929 * OIL ORANGE * OIL ORANGE 31 * OIL ORANGE 2311 * OIL ORANGE 2B * OIL ORANGE E * OIL ORANGE EP * OIL ORANGE G * OIL ORANGE PEL * OIL ORANGE R * OIL ORANGE R-14 * OIL ORANGE 7078-V * OIL ORANGE Z-7078 * OLEAL ORANGE R * ORANGE 2 INSOLUBLE * ORANGE INSOLUBLE OLG * ORANGE PEL * ORANGE A L'HUILE * ORANGE 3RA SOLUBLE in GREASE * ORANGE RESENOLE NO. 3 * ORANGE R FAT SOLUBLE * ORGANOL ORANGE * ORANGE SOLUBLE A L'HUILE * ORIENT OIL ORANGE PS * PETROL ORANGE Y * 1-(PHENYLAZO)-2-NAPHTHALENOL * 1-PHENYLAZO-beta-NAPHTHOL * 1-PHENYLAZO-2-NAPHTHOL * PLASTORESIN ORANGE F4A * PYRONALORANGE * RESOFORM ORANGE G * RESINOL ORANGE R * SANSEL ORANGE G * SCHARLACH B * SILOTRAS ORANGE TR * SOLVENT YELLOW 14 * SOMALIA ORANGE I * SOUDAN I * SPIRIT ORANGE * SPIRIT YELLOW I * STEARIX ORANGE * SUDAN I * SUDAN J * SUDAN 1 * SUDAN ORANGE R * SUDAN ORANGE RA * SUDAN ORANGE RA NEW * TERTROGRAS ORANGE SV * TOYO OIL ORANGE * WAXAKOL ORANGE GL * WAXOLINE YELLOW I * WAXOLINE YELLOW IM * WAXOLINE YELLOW IP * WAXOLINE YELLOW IS
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:10815 mg/kg/2Y-C NTPTR* NTP-TR-226,82
3V03L60V10 scu-mus TDLo:6000 mg/kg/57W-I GMJOAZ 30,364,49
2V01M60 imp-mus TDLo:80 mg/kg BJCAAI 22,825,68
2V03M60 imp-mus TD :75 mg/kg CALEDQ 6,21,79
2V02L60 orl-rat TD :21630 mg/kg/2Y-C NTPTR* NTP-TR-226,82
2V01M60 imp-mus TD :96 mg/kg GMCRDC 17,383,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71; ADCSAJ 13,271,70
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 8,225,75
STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NTPTR* NTP-TR-226,82)
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NTPTR* NTP-TR-226,82)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NAPHTHOL RED B see: QJ1897000
NAPHTHOL RED B see: QJ6550000
NAPHTHOL RED B 20-7575 see: QJ1897000
NAPHTHOL RED C see: QJ6550000
NAPHTHOL RED DEEP 10459 see: QJ1897000
NAPHTHOL RED D TONER 35-6001 see: QJ1897000
NAPHTHOL RED LZS see: QJ6550000
NAPHTHOL RED O see: QJ6550000
NAPHTHOL RED S see: QJ6550000
NAPHTHOL RED S CONC. SPECIALLY PURE see: QJ6550000
NAPHTHOL RED SI see: QJ6550000
NAPHTHOL RED S SPECIALLY PURE see: QJ6550000

QL5075000 1-NAPHTHOL, 1,2,3,4-TETRAHYDRO-
UPDT:8307 CAS: 529-33-9 MW: 148.22 MOLFM: C10-H12-O
SYN: 1,2,3,4-TETRAHYDRO-1-NAPHTHOL * 1,2,3,4-TETRAHYDRO-alpha-NAPHTHOL * alpha-TETRALOL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1620 mg/kg TXAPA9 28,313,74

QL5300000 2-NAPHTHOL, 5,6,7,8-TETRAHYDRO-
UPDT:8403 CAS: 1125-78-6 MW: 148.22 MOLFM: C10-H12-O
SYN: 5,6,7,8-TETRAHYDRO-beta-NAPHTHOL * 5,6,7,8-TETRAHYDRO-2-NAPHTHOL * TETRALOL * ac-beta-TETRALOL
TUMORIGENIC DATA AND REFERENCES:
2V01R60 skn-mus TDLo:9600 mg/kg/30W-I CNREA8 19,413,59
2V02R60 skn-mus TD :4144 mg/kg/14W-I CNREA8 19,413,59
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL5320000 5-NAPHTHOL, 1,2,3,4-TETRAHYDRO-6-CHLORO-1-(DIMETHYLAMINO)-, HYDRIODIDE
UPDT:8407 CAS: 63978-88-1 MW: 353.65 MOLFM: C12-H16-Cl-N-O.H-I
SYN: ORANGE BN * 1-NAPHTHYLAMINE, 6-CHLORO-N,N-DIMETHYL-5-HYDROXY-1,2,3,4-TETRAHYDRO-, HYDROIODIDE * 1-NAPHTHYLAMINE, 1,2,3,4-TETRAHYDRO-6-CHLORO-N,N-DIMETHYL-5-HYDROXY-, HYDROIODIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:316 mg/kg JMCMAR 16,1003,73

QL5390000 1-NAPHTHOL, 1,2,3,4-TETRAHYDRO-2-DIMETHYLAMINO-, p-AMINOBENZOATE, HYDROCHLORIDE, (Z)-
UPDT:8310 MW: 346.89 MOLFM: C19-H22-N2-O2.Cl-H
SYN: trans-1-(p-AMINOBENZOYLOXY)-2-DIMETHYLAMINO-1,2,3,4-TETRAHYDRONAPHTHALENE HYDROCHLORIDE * cis-2-DIMETHYLAMINO-1,2,3,4-TETRAHYDRO-1-NAPHTHOL p-AMINOBENZOATE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:7300 ug/kg YKKZAJ 96,26,76

QL5418500 1-NAPHTHOL, 1,2,3,4-TETRAHYDRO-1,2-DIPHENYL-6-METHOXY-
UPDT:8302 MW: 330.45 MOLFM: C23-H22-O2
SYN: 1,2-DIPHENYL-6-METHOXY-1,2,3,4-TETRAHYDRO-1-NAPHTHOL * 1,2,3,4-TETRAHYDRO-1,2-DIPHENYL-6-METHOXY-1-NAPHTHOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:350 ug/kg (1D pre/1-6D preg) JMCMAR 9,172,66
1T13 orl-rat TDLo:175 ug/kg (7D pre) JMCMAR 9,172,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL5418800 1-NAPHTHOL, 1,2,3,4-TETRAHYDRO-1-(p-FLUOROPHENYL)-6-METHOXY-2-PHENYL-
UPDT:8302 MW: 348.44 MOLFM: C23-H21-F-O2
SYN: 1-(p-FLUOROPHENYL)-6-METHOXY-2-PHENYL-1,2,3,4-TETRAHYDRO-1-NAPHTHOL * 1,2,3,4-TETRAHYDRO-1-(p-FLUOROPHENYL)-6-METHOXY-2-PHENYL-1-NAPHTHOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:350 ug/kg (1D pre/1-6D preg) JMCMAR 9,172,66
1T13 orl-rat TDLo:35 ug/kg (7D pre) JMCMAR 9,172,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL5422000 1-NAPHTHOL, 1,2,3,4-TETRAHYDRO-6-METHOXY-2-PHENYL-1-(p-TOLYL)-
UPDT:8302 MW: 344.48 MOLFM: C24-H24-O2
SYN: 6-METHOXY-2-PHENYL-1-(p-TOLYL)-1,2,3,4-TETRAHYDRO-1-NAPHTHOL * 1,2,3,4-TETRAHYDRO-6-METHOXY-2-PHENYL-1-(p-TOLYL)-1-NAPHTHOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:7 mg/kg (1D pre/1-6D preg) JMCMAR 9,172,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL5425000 2-NAPHTHOL, 1-(o-TOLYLAZO)-
UPDT:8401 CAS: 2646-17-5 MW: 262.33 MOLFM: C17-H14-N2-O

SYN: A.F. ORANGE NO. 2 * AIZEN FOOD ORANGE NO. 2 * ATUL OIL ORANGE T * C.I. 12100 * C.I. SOLVENT ORANGE 2 * D & C ORANGE NO. 2 * DOLKWAL ORANGE SS * EXT. D AND C ORANGE NO. 4 * EXTRACT D AND C ORANGE NO. 4 * FAT ORANGE II * FAT ORANGE RR * FD & C ORANGE 2 * FD AND C ORANGE NO. 2 * HEXACOL OIL ORANGE SS * 1-((2-METHYLPHENYL)AZO)-2-NAPHTHALENOL * LACQUER ORANGE V * OIL ORANGE OPEL * OIL ORANGE O'PEL * OIL ORANGE SS * OIL ORANGE TX * OIL ORANGE XO * OLEAL ORANGE SS * ORANGE OT * ORANGE OT* * ORANGE 3R SOLUBLE IN GREASE * ORANGE SS * ORGANOL ORANGE 2R * TOLUENE-2-AZONAPHTHOL-2 * o-TOLUENO-AZO-beta-NAPHTHOL * 1-(o-TOLYLAZO)-beta-NAPHTHOL * 1-o-TOLYLAZO-2-NAPHTHOL

TUMORIGENIC DATA AND REFERENCES:
2V02K60 scu-mus TDLo:6 gm/kg/52W BJCAAI 10,653,56
2V01M60 imp-mus TDLo:50 mg/kg BJCAAI 12,222,58

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:5000 mg/kg JAMAAP 109,493,37
ivn-dog LDLo:200 mg/kg JAMAAP 109,493,37
orl-rbt LDLo:5000 mg/kg JAMAAP 109,493,37
ivn-rbt LDLo:60 mg/kg JAMAAP 109,493,37

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARVPAX 14,127,74; AEHLAU 23,6,71
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 8,165,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL5700000 2-NAPHTHOL, 1-((4-TOLYLAZO)TOLYLAZO)-
UPDT:8401 CAS: 63980-27-8 MW: 380.48 MOLFM: C24-H20-N4-O
SYN: D&C RED No. 14

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:13 gm/kg/39W-C ZEKBAI 57,530,51

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL5775000 2-NAPHTHOL, 1-((4-(o-TOLYLAZO)-o-TOLYL)AZO)-
UPDT:8401 CAS: 85-83-6 MW: 380.48 MOLFM: C24-H20-N4-O
SYN: BIEBRICH SCARLET BPC * BIEBRICH SCARLET RED * BIEBRICH SCARLET R MEDICINAL * BRASILAZINA OIL RED B * CALCO OIL RED D * CANDLE SCARLET B * CANDLE SCARLET 2B * CANDLE SCARLET G * CERES RED BB * CEROTINE PONCEAU 3B * C.I. 258 * C.I. 26105 * C.I. SOLVENT RED 24 * 2',3-DIMETHYL-4-(2-HYDROXYNAPHTHYLAZO)AZOBENZENE * DISPERSOL RED PP * ENIAL RED IV * FAST OIL RED B * FAST RED BB * FAT PONCEAU R * FAT RED B * FAT RED 2B * FAT RED BB * FAT RED BS * FAT RED TS * GRASAL BRILLIANT RED B * GRASAN BRILLIANT RED B * HIDACO OIL RED * LACQUER RED V * LACQUER RED VS * LIPID CRIMSON * 1-((2-METHYL-4-((2-METHYLPHENYL)AZO)PHENYL)AZO)-2-NAPHTHALENOL * OIL RED IV * OIL RED 3 * OIL RED 7 * OIL RED 47 * OIL RED 282 * OIL RED A * OIL RED APT * OIL RED 2B * OIL RED 3B * OIL RED BB * OIL RED 4B * OIL RED 6S * OIL RED D * OIL RED ED * OIL RED F * OIL RED GO * OIL RED PEL * OIL RED RC * OIL RED RR * OIL RED S * OIL RED TAX * OIL RED 2D * OIL SCARLET * OIL SCARLET 48 * OLEAL RED BB * ORGANOL RED B * ORIENT OIL RED RR * PHENOPLASTE ORGANOL RED B * PLASTORESIN RED F * RED 3R SOLUBLE IN GREASE * RESINOL RED 2B * RUBRUM SCARLATINUM * RESOFORM RED G * SCARLET RED * SCARLET RED, BIEBRICH * SCARLET R (MICHAELIS) * SCHARLACHROT * SCHULTZ NO. 541 * SILOTRAS RED T3B * SOMALIA RED IV * STEARIX RED 4B * STEARIX RED 4S * SUDAN IV * SUDAN P * SUDAN RED IV * SUDAN RED 4BA * SUDAN RED BB * SUDAN RED BBA * TERTROGRAS RED N * o-TOLUENEAZO-o-TOLUENEAZO-beta-NAPHTHOL * o-TOLUENEAZO-o-TOLUENE-beta-NAPHTHOL * o-TOLYLAZO-o-TOLYLAZO-beta-NAPHTHOL * o-TOLYLAZO-o-TOLYLAZO-2-NAPHTHOL * 1-(4-o-TOLYLAZO-o-TOLYLAZO)-2-NAPHTHOL * TOYO OIL RED BB * WAXAKOL RED BL * WAXOLINE RED O * WAXOLINE RED OM * WAXOLINE RED OS

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 56,249,78

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:512 mg/kg/58W-C GANNA2 49,27,58

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 8,217,75
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 8,217,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL5850000 2-NAPHTHOL, 1-(2,4-XYLYLAZO)-
UPDT:8401 CAS: 3118-97-6 MW: 276.36 MOLFM: C18-H16-N2-O
SYN: A.F. RED NO. 5 * AIZEN FOOD RED NO. 5 * BRASILAZINA OIL SCARLET 6G * BRILLIANT OIL SCARLET B * CALCO OIL SCARLET BL * CALCO OIL SCARLET ZBL * CERES ORANGES RR * CERISOL SCARLET G * CEROTINSCHARLACH G * C.I. 12140 * C.I. SOLVENT ORANGE 7 * 1-((2,4-DIMETHYLPHENYL)AZO)-2-NAPHTHALENOL * EXT. D AND C RED. NO. 14 * EXTRACT D AND C RED NO. 14 * FAST OIL ORANGE II * FAT RED (YELLOWISH) * FAT SCARLET 2G * FETTORANGE B * GRASAN ORANGE 3R * LACQUER ORANGE VR * MOTIROT G * OIL ORANGE KB * OIL ORANGE N EXTRA * OIL ORANGE R * OIL ORANGE 2R * OIL ORANGE X * OIL ORANGE XO * OIL RED GRO * OIL RED O * OIL RED RO * OIL RED XO * OIL SCARLET * OIL SCARLET 371 * OIL SCARLET APYO * OIL SCARLET BL * OIL SCARLET 6G * OIL SCARLET L * OIL SCARLET Y * OIL SCARLET YS * ORANGE INSOLUBLE OLG * ORANGE INSOLUBLE RR * ORANGE OIL KB * PONCEAU INSOLUBLE OLG * PYRONALROT R * RED B * RED NO. 5 * RESIN SCARLET 2R * RESOFORM ORANGE R * ROT B * ROT GG FETTLOESLICH * SOMALIA ORANGE A2R * SOMALIA ORANGE 2R * SOUDAN II * SUDAN 2 * SUDAN II * SUDAN ORANGE RPA * SUDAN ORANGE RRA * SUDAN RED * SUDAN SCARLET 6G * SUDAN K * SUDAN AX * SUDAN ORANGE * WAXAKOL VERMILION L * 1-XYLYLAZO-2-NAPHTHOL * 1-(o-XYLYLAZO)-2-NAPHTHOL * 1-(2,4-XYLYLAZO)-2-NAPHTHOL

MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate MUREAV 44,9,77

TUMORIGENIC DATA AND REFERENCES:
2V01M60 imp-mus TDLo:80 mg/kg BJCAAI 22,825,68

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 8,233,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL5950000 2-NAPHTHOL, 1-(2,5-XYLYLAZO)-
UPDT:8401 CAS: 85-82-5 MW: 276.36 MOLFM: C18-H16-N2-O
SYN: FD AND C ACID RED 32 * FD AND C RED NO. 32 * OIL RED XO * 1-XYLYLAZO-2-NAPHTHOL * 1-(2,5-XYLYLAZO)-2-NAPHTHOL

TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-mus TDLo:29 gm/kg/52W BJCAAI 10,653,56

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARVPAX 14,127,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-NAPHTHO-N-METHYLHYDROXAMIC ACID see: QJ1897200 2-NAPHTHALENECARBOXAMIDE, N-HYDROXY-N-METHYL-

2-NAPHTHO-O-METHYLHYDROXAMIC ACID see: QL0858000 2-NAPHTHOHYDROXAMIC ACID, O-METHYL-

QL5977000 1-NAPHTHONITRILE, 5-NITRO-
UPDT:8403 CAS: 23245-64-9 MW: 198.19 MOLFM: C11-H6-N2-O2
SYN: 1-NAPHTHALENECARBONITRILE, 5-NITRO- * 5-NITRO-1-NAPHTHONITRILE

MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate EQSFAP 4,226,75
mma-sat 100 ug/plate MUREAV 116,185,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

QL6126000 1H-NAPHTHO(2,3-c)PYRAN-3-ACETIC ACID, 3,4,4a,5,10,10a-HEXAHYDRO-9,10a-DIHYDROXY-1-METHYL- 5,10-DIOXO-, (1S-(1-alpha,3-beta,4a-alpha,10a-beta))-
UPDT:8407 CAS: 52934-85-7 MW: 320.32 MOLFM: C16-H16-O7
SYN: ANTIBIOTIC OS 3966B * NANAOMYCIN B * OS-3966-B

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:169 mg/kg 85ERAY 1,551,78

QL6127800 NAPHTHO(1,8-bc)PYRAN-7,8-DIONE, 7,8-DIHYDRO-6,9-DIMETHYL-3-(4-METHYL-3-PENTENYL)-
UPDT:8308 CAS: 5957-32-4 MW: 308.40 MOLFM: C20-H20-O3
SYN: BIFLORIN

TOXICITY DATA AND REFERENCES:
* ims-mus LD50:50 mg/kg 85GDA2 8(1),72,82

1H,3H-NAPHTHO(1,8-cd)PYRAN-1,3-DIONE, 5-NITRO- see: QK5370000

QL6160000 1H-NAPHTHO(2,1-b)PYRAN-1-ONE, 3-(ETHYLAMINO)-
UPDT:8303 MW: 239.29 MOLFM: C15-H13-N-O2
SYN: 3-(ETHYLAMINO)-1H-NAPHTHO(2,1-b)PYRAN-1-ONE * 3-ETILAMMINONAFTO(2,1-b)PIRAN-1-ONI (Italian) * K 12479

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate CRNGDP 3,947,82

TOXICITY DATA AND REFERENCES:
orl-mus LD50:700 mg/kg FRPSAX 34,595,79

QL6300000 NAPHTHOPYRIN
UPDT:8406 CAS: 72017-28-8 MW: 312.42 MOLFM: C21-H18-N3

TOXICITY DATA AND REFERENCES:
scu-rat LDLo:3600 mg/kg AEPPAE 186,195,37
scu-gpg LDLo:4100 mg/kg AEPPAE 186,195,37

QL6310000 NAPHTHO(2,1-b)PYRYLIUM, 5,6-DIHYDRO-2,4-DIPHENYL-, compd. with TETRAFLUOROBORATE(1-)
UPDT:8406 MW: 422.25 MOLFM: C25-H19-O . B-F4
SYN: BORATE(1-), TETRAFLUORO-, compd. with 2,4-DIPHENYL-5,6-DIHYDRONAPHTHO(2,1-b)PYRYLIUM * 5,6-DIHYDRO-2,4-DIPHENYLNAPHTHO(2,1-b)PYRYLIUM compd. with TETRAFLUOROBORATE(1-) * TETRAFLUOROBORATE(1-) compd. with 5,6-DIHYDRO-2,4-DIPHENYLNAPHTHO(2,1-b)PYRYLIUM

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:265 mg/kg RPTOAN 45,133,82
* par-mus LD50:265 mg/kg PCJOAU 16,348,82

QL6313000 NAPHTHO(1,2-b)PYRYLIUM, 5,6-DIHYDRO-4-(p-METHOXYPHENYL)-2-PHENYL-, compd. with TETRAFLUOROBORATE(1-)
UPDT:8406 MW: 452.28 MOLFM: C26-H21-O2 . B-F4

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:265 mg/kg RPTOAN 45,133,82

beta-NAPHTHOQUINALDINE see: DK1428000

alpha-NAPHTHOQUINOLINE see: DK1432000

QL6400000 NAPHTHO(2,3-f)QUINOLINE
UPDT:8401 CAS: 224-98-6 MW: 229.29 MOLFM: C17-H11-N
SYN: beta-ANTHRAQUINOLINE

MUTATION DATA AND REFERENCES:
mma-sat 500 ug/plate CRNGDP 3,947,82

TUMORIGENIC DATA AND REFERENCES:
2V03M61 scu-rat LDLo:40 mg/kg/4W-I AJCAA7 35,534,39

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

alpha-NAPHTHOQUINONE see: QL7175000

QL7175000 1,4-NAPHTHOQUINONE
UPDT:8411 CAS: 130-15-4 MW: 158.16 MOLFM: C10-H6-O2
SYN: 1,4-DIHYDRO-1,4-DIKETONAPHTHALENE * 1,4-NAPHTHALENEDIONE * alpha-NAPHTHOQUINONE * RCRA WASTE NUMBER U166 * USAF CY-10

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T12 scu-rat TDLo:5 mg/kg (1D pre) ENDOAO 57,466,55

TUMORIGENIC DATA AND REFERENCES:
3V03J60R60 skn-mus TDLo:800 mg/kg/29W-C PIATA8 16,309,40

TOXICITY DATA AND REFERENCES:
orl-rat LD50:190 mg/kg VKMGA7 6,37,66
* ipr-rat LDLo:50 mg/kg 85GMAT -,91,82
* scu-rat LDLo:250 mg/kg 85GMAT -,91,82
orl-mus LDLo:140 mg/kg JPETAB 75,111,42
1V30 ipr-mus LD50:5500 ug/kg JMCMAR 26,570,83
orl-gpg LD50:400 mg/kg VKMGA7 6,37,66

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL7300000 1,4-NAPHTHOQUINONE, AMINO-
UPDT:8312 MW: 173.18 MOLFM: C10-H7-N-O2
SYN: AMINO-NAPHTOCHINON (German) * AMINO-1,4-NAPHTHOQUINONE

MUTATION DATA AND REFERENCES:
dni-bcs 2300 nmol/L ZBPHA6 212,259,69
oms-bcs 2300 nmol/L ZBPHA6 212,259,69

QL7350000 1,4-NAPHTHOQUINONE, 2-AMINO-3-CHLORO-
UPDT:8309 CAS: 2797-51-5 MW: 207.62 MOLFM: C10-H6-Cl-N-O2
SYN: ACN * ACNQ * 2-AMINO-3-CHLORO-1,4-NAPHTHOQUINONE * 2-CHLORO-3-AMINO-1,4-NAPHTHOQUINONE * 06K * MOGETON GRANULE * 1,4-NAPHTHALENEDIONE, 2-AMINO-3-CHLORO- * 06K-QUINONE * 06K-50W

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1360 mg/kg FMCHA2 -,C161,83
* orl-mus LD50:1260 mg/kg FMCHA2 -,C161,83
1V30 ipr-mus LD50:800 mg/kg JMCMAR 26,570,83
* ivn-mus LD50:320 mg/kg CSLNX* NX#03360

QL7351000 1,4-NAPHTHOQUINONE, 2-ANILINO-3-CHLORO-
UPDT:8306 CAS: 1090-16-0 MW: 283.72 MOLFM: C16-H10-Cl-N-O2
SYN: 2-ANILINO-3-CHLORO-1,4-NAPHTHOQUINONE * 2-CHLORO-3-(PHENYLAMINO)-1,4-NAPHTHOQUINONE

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:1600 mg/kg JMCMAR 26,570,83

QL7355000 1,4-NAPHTHOQUINONE, 2-(1-AZIRIDINYL)-5,6,7,8-TETRAHYDRO-
UPDT:8312 CAS: 443-76-5 MW: 203.26 MOLFM: C12-H13-N-O2
SYN: A 137 * 2-AETHYLENIMINO-5,6,7,8-TETRAHYDRO-NAPHTHOCHINON-1,4 (German) * 2-ETHYLENEIMINO-5,6,7,8-TETRAHYDRONAPHTHOQUINONE-1,4

MUTATION DATA AND REFERENCES:
mmo-esc 1 gm/L ATXKA8 28,93,71
cyt-hmn:leu 1 umol/L MUREAV 6,467,68

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

QL7472700 1,4-NAPHTHOQUINONE, 2-CHLORO-3-ETHOXY-
UPDT:8306 CAS: 59641-32-6 MW: 236.66 MOLFM: C12-H9-Cl-O3
SYN: 2-CHLORO-3-ETHOXY-1,4-NAPHTHOQUINONE * 1,4-NAPHTHALENEDIONE, 2-CHLORO-3-ETHOXY-(9CI)

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:16 mg/kg JMCMAR 26,570,83

QL7478000 1,4-NAPHTHOQUINONE, 2-CHLORO-3-METHOXY-
UPDT:8306 CAS: 15707-32-1 MW: 222.63 MOLFM: C11-H7-Cl-O3
SYN: 2-CHLORO-3-METHOXY-1,4-NAPHTHOQUINONE

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:14 mg/kg JMCMAR 26,570,83

QL7482000 1,4-NAPHTHOQUINONE, 2-CHLORO-3-PROPOXY-
UPDT:8306 CAS: 84369-93-7 MW: 250.69 MOLFM: C13-H11-Cl-O3
SYN: 2-CHLORO-3-PROPOXY-1,4-NAPHTHOQUINONE * 1,4-NAPHTHALENEDIONE, 2-CHLORO-3-PROPOXY- (9CI)
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:20 mg/kg JMCMAR 26,570,83

QL7525000 1,4-NAPHTHOQUINONE, 2,3-DICHLORO-
UPDT:8411 CAS: 117-80-6 MW: 227.04 MOLFM: C10-H4-Cl2-O2
SYN: ALGISTAT * COMPOUND 604 * DICHLONE * DICHLONE (DOT) * 2,3-DICHLORO-1,4-NAPHTHALENEDIONE * 2,3-DICHLORO-1,4-NAPHTHAQUINONE * 2,3-DICHLOR-1,4-NAPHTHOCHINON (German) * DICHLORONAPHTHOQUINONE * 2,3-DICHLORONAPHTHOQUINONE * 2,3-DICHLORO-alpha-NAPHTHOQUINONE * 2,3-DICHLORO-1,4-NAPHTHOQUINONE * 2,3-DICHLORONAPHTHOQUINONE-1,4 * ENT 3,776 * NA 2761 (DOT) * PHYGON * PHYGON PASTE * PHYGON SEED PROTECTANT * PHYGON XL * QUINTAR * QUINTAR 540F * SANQUINON * U.S. RUBBER 604 * UNIROYAL * USR 604
TUMORIGENIC DATA AND REFERENCES:
3V02J60P60 orl-mus TDLo:3300 mg/kg/78W-I NTIS** PB223-159
2V01P60 scu-mus TDLo:22 mg/kg NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:160 mg/kg GTPZAB 16(5),52,72
1V30 ipr-mus LD50:30 mg/kg JMCMAR 26,570,83
* skn-rbt LD50:5000 mg/kg FMCHA2 -,C77,83
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL7970000 1,4-NAPHTHOQUINONE, 5,8-DIHYDROXY-
UPDT:8402 CAS: 475-38-7 MW: 190.16 MOLFM: C10-H6-O4
SYN: 5,8-DIHYDROXY-1,4-NAPHTHOQUINONE * 1,4-NAPHTHALENEDIONE, 5,8-DIHYDROXY- (9CI) * NAPHTHAZARIN * NAPHTHAZARINE * NAPHTHAZARONE
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 124,25,83

QL8200000 1,4-NAPHTHOQUINONE, 2-HYDROXY-
UPDT:8402 CAS: 83-72-7 MW: 174.16 MOLFM: C10-H6-O3
SYN: C.I. 75480 * C.I. NATURAL ORANGE 6 * FLOWER of PARADISE * HANA * HENNA * 2-HYDROXYNAPHTHOQUINONE * 2-HYDROXY-1,4-NAPHTHOQUINONE * LAWSONE * 1,4-NAPHTHALENEDIONE, 2-HYDROXY- (9CI) * MEHENDI * MENDI
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 124,25,83
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:100 mg/kg JMCMAR 26,570,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1,4-NAPHTHOQUINONE, 5-HYDROXY- see: QJ5775000
1,4-NAPHTHOQUINONE, 8-HYDROXY- see: QJ5775000

QL8485000 1,4-NAPHTHOQUINONE, 2-HYDROXY-3-METHYL-
UPDT:8303 CAS: 483-55-6 MW: 188.19 MOLFM: C11-H8-O3
SYN: 2-HYDROXY-3-METHYL-1,4-NAPHTHOQUINONE * 3-HYDROXY-2-METHYL-1,4-NAPHTHOQUINONE * 2-METHYL-3-HYDROXY-1,4-NAPHTHOQUINONE * PHTHIOCOL
MUTATION DATA AND REFERENCES:
dni-hmn:hla 4 mmol/L MUREAV 93,447,82
TOXICITY DATA AND REFERENCES:
orl-mus LDLo:200 mg/kg PSEBAA 43,125,40
ipr-mus LDLo:150 mg/kg PSEBAA 43,125,40
ipr-ckn LDLo:100 mg/kg PSEBAA 43,125,40

QL8500000 1,4-NAPHTHOQUINONE, 5-HYDROXY-2-METHYL-
UPDT:8408 CAS: 481-42-5 MW: 188.19 MOLFM: C11-H8-O3
SYN: 5-HYDROXY-2-METHYL-1,4-NAPHTHALENEDIONE * 5-HYDROXY-2-METHYL-1,4-NAPHTHOQUINONE * 2-METHYL-5-HYDROXY-1,4-NAPHTHOQUINONE * PLUMBAGIN
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 124,25,83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T21 orl-rat TDLo:300 mg/kg (30D pre) IJMRAQ 65,829,77
1T16 orl-rat TDLo:150 mg/kg (15D pre) IJMRAQ 65,829,77
1T27 orl-rat TDLo:35 mg/kg (5-11D preg) IJMRAQ 65,829,77
1T24 orl-rat TDLo:50 mg/kg (1-5D preg) IJMRAQ 65,829,77
1T29 orl-rbt TDLo:10 mg/kg (1D pre) IJMRAQ 65,829,77
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:65 mg/kg IJMRAQ 65,829,77
* orl-mus LD50:16 mg/kg IJEBA6 18,876,80
* ipr-mus LD50:5 mg/kg 85GDA2 8(1),73,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL8520000 1,4-NAPHTHOQUINONE, 5-HYDROXY-7-METHYL-
UPDT:8402 CAS: 14787-38-3 MW: 188.19 MOLFM: C11-H8-O3
SYN: 5-HYDROXY-7-METHYL-1,4-NAPHTHOQUINONE * 1,4-NAPHTHALENEDIONE, 5-HYDROXY-7-METHYL- (9CI) * 7-METHYLJUGLON * 7-METHYLJUGLONE
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate MUREAV 124,25,83

QL8750000 1,4-NAPHTHOQUINONE, 2-HYDROXY-3-(3-METHYL-2-BUTENYL)-
UPDT:8403 CAS: 84-79-7 MW: 242.29 MOLFM: C15-H14-O3
SYN: BETHABARRA WOOD * C.I. 75490 * C.I. NATURAL YELLOW 16 * GREENHARTEN * 2-HYDROXY-3-(3-METHYL-2-BUTENYL)-1,4-NAPHTHALENEDIONE * 2-HYDROXY-3-(3-METHYL-2-BUTENYL)-1,4-NAPHTHOQUINONE * IPE-TOBACCO WOOD * LAPACHOL * LAPACHIC ACID * LAPACHOL WOOD * NSC-11905 * SURINAM GREENHEART WOOD * TAIGU WOOD * TAIGUIC ACID * TECOMIN
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1200 mg/kg TXAPA9 17,1,70
orl-mus LD50:487 mg/kg TXAPA9 17,1,70
1V30 ipr-mus LD50:400 mg/kg JMCMAR 26,570,83

QL8960000 1,4-NAPHTHOQUINONE, 2-METHOXY-
UPDT:8306 CAS: 2348-82-5 MW: 188.19 MOLFM: C11-H8-O3
SYN: 2-METHOXYNAPHTHOQUINONE * 2-METHOXY-1,4-NAPHTHOQUINONE * 1,4-NAPHTHALENEDIONE, 2-METHOXY- (9CI)
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:320 mg/kg JMCMAR 26,570,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QL9100000 1,4-NAPHTHOQUINONE, 2-METHYL-
UPDT:8412 CAS: 58-27-5 MW: 172.19 MOLFM: C11-H8-O2
SYN: AQUAKAY * AQUINONE * HEMODAL * KAERGONA * KANONE * KAPPAXIN * KAREON * KATIV-G * KAYKLOT * KAYKOT * KAYQUINONE * KIPCA OIL SOLUBLE * KOLKLOT * MENADION * MENADIONE * MENAPHTHONE * MENAPHTONE * 2-METHYL-1,4-NAPHTHOCHINON (German) * 2-METHYL-1,4-NAPHTHOQUINONE * 3-METHYL-1,4-NAPHTHOQUINONE * MITENON * MITENONE * MNQ * PANOSINE * SYNKAY * THYLOQUINONE * USAF EK-5185 * VITAMIN K3
MUTATION DATA AND REFERENCES:
mmo-sat 4 ug/plate ABCHA6 45,327,81
mmo-sat 30 nmol/plate BBRCA9 94,737,80
mmo-omi 6 ppm POASAD 34,114,53
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:3 gm/kg (1-20D preg) NYKZAU 69,285,73
2T41T46 ivn-mus TDLo:20 mg/kg (8D preg) TOIZAG 8,175,61
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:1860 mg/kg/27W-I BJCAAI 7,482,53
2V03R60 skn-mus TD :8400 mg/kg/21W-I CNREA8 19,413,59
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:75 mg/kg TXAPA9 18,185,71
ivn-rat LD50:800 mg/kg ARZNAD 18,678,68
* orl-mus LD50:500 mg/kg MEIEDD 10,831,83
ipr-mus LD50:50 mg/kg NTIS** AD691-490
scu-mus LD50:138 mg/kg JPETAB 75,111,42
orl-rbt LDLo:230 mg/kg JPETAB 75,111,42
ipr-ckn LDLo:100 mg/kg PSEBAA 43,125,40
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JOPDAB 59,1,61
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QL9279500 1,4-NAPHTHOQUINONE, 2-METHYL-3-(3,7,11,15-TETRAMETHYL-2,6,10,14-HEXADECATETRAENYL)-
UPDT:8406 CAS: 863-61-6 MW: 444.71 MOLFM: C31-H40-O2
SYN: K2(sub 20) * KAYTWO * MENAQUINONE-4 * MENAQUINONE K(sub 4) * MENATETRENONE * 2-METHYL-3-(3,7,11,15-TETRAMETHYL-2,6,10,14-HEXADECATETRAENYL)-1,4-NAPHTHOQUINONE * 2-METHYL-3-trans-TETRAPRENYL-1,4-NAPHTHOQUINONE * MK(sub 4) * VITAMIN K2(sub 20) * VITAMIN MK 4
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:6 gm/kg (9-14D preg) OYYAA2 5,469,71
1T46 ipr-rat TDLo:300 mg/kg (9-14D preg) OYYAA2 5,469,71
1T46 orl-mus TDLo:3 gm/kg (7-12D preg) OYYAA2 5,469,71
1T86 orl-mus TDLo:6 gm/kg (7-12D preg) OYYAA2 5,469,71
1T46 ipr-mus TDLo:300 mg/kg (7-12D preg) OYYAA2 5,469,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NAPHTHOSOL FAST RED KB BASE see: XU5075000
NAPHTHO(1,2-e)THIANAPHTHENO(3,2-b)PYRIDINE see: DE5775000
NAPHTHO(2,1-e)THIANAPHTHENO(3,2-b)PYRIDINE see: DE5950000

QM0540000 NAPHTHO(1,2-b)THIOPHENE
UPDT:8311 CAS: 234-41-3 MW: 184.26 MOLFM: C12-H8-S
SYN: 6,7-BENZOTHIONAPHTHENE
MUTATION DATA AND REFERENCES:
mma-sat 40 ug/plate MUREAV 117,31,83

NAPHTHO(2,1-b)THIOPHENE-4-METHANOL, alpha-(2-PYRIDYL)-8-TRIFLUOROMETHYL-, HYDROCHLORIDE see: UT5037000

QM0687000 4H-NAPHTHO(1,2-b)THIOPYRAN, 5,6-DIHYDRO-4-(3,4-DIMETHOXYPHENYL)-2-PHENYL-
UPDT:8407 MW: 412.57 MOLFM: C27-H24-O2-S
SYN: 4-(3,4-DIMETHOXYPHENYL)-2-PHENYL-5,6-DIHYDRO-4H-NAPHTHO(1,2-b)THIOPYRAN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:265 mg/kg RPTOAN 45,133,82

QM0687500 1H-NAPHTHO(2,1-b)THIOPYRAN, 5,6-DIHYDRO-2,4-DIPHENYL-
UPDT:8311 MW: 352.51 MOLFM: C25-H20-S
SYN: 1,3-DIPHENYL-5,6-DIHYDRO-1H-NAPHTHO(2,1-b)THIOPYRAN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:265 mg/kg RPTOAN 45,133,82

QM0688500 4H-NAPHTHO(1,2-b)THIOPYRAN, 5,6-DIHYDRO-4-(p-METHOXYPHENYL)-2-PHENYL-
UPDT:8406 MW: 382.54 MOLFM: C26-H22-O-S
SYN: 4-(p-METHOXYPHENYL)-2-PHENYL-5,6-DIHYDRO-4H-NAPHTHO(1,2-b)THIOPYRAN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:265 mg/kg RPTOAN 45,133,82

QM0690000 2H-NAPHTHO(1,2-b)THIOPYRAN, 3,4,4a,5,6,10b-HEXAHYDRO-4-(3,4-DIMETHOXYPHENYL)-2-PHENYL-
UPDT:8406 MW: 415.60 MOLFM: C27-H27-O2-S
SYN: 4-(3,4-DIMETHOXYPHENYL)-2-PHENYL-3,4,4a,5,6,10b-HEXAHYDRO-2H-NAPHTHO(1,2-b)THIOPYRAN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:265 mg/kg RPTOAN 45,133,82

QM0690500 1H-NAPHTHO(2,1-b)THIOPYRAN, 2,3,4a,5,6,10b-HEXAHYDRO-1,3-DIPHENYL-
UPDT:8406 MW: 355.54 MOLFM: C25-H23-S
SYN: 1,3-DIPHENYL-2,3,4a,5,6,10b-HEXAHYDRO-1H-NAPHTHO(2,1-b)THIOPYRAN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:265 mg/kg RPTOAN 45,133,82

QM0691000 2H-NAPHTHO(1,2-b)THIOPYRAN, 3,4,4a,5,6,10b-HEXAHYDRO-4-(p-METHOXYPHENYL)-2-PHENYL-
UPDT:8406 MW: 385.57 MOLFM: C26-H25-O-S
SYN: 4-(p-METHOXYPHENYL)-2-PHENYL-3,4,4a,5,6,10b-HEXAHYDRO-2H-NAPHTHO(1,2-b)THIOPYRAN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:265 mg/kg RPTOAN 45,133,82

QM0701000 NAPHTHO(1,2-b)THIOPYRYLIUM, 5,6-DIHYDRO-2,4-BIS(p-METHOXYPHENYL)-, TRIFLUOROACETATE
UPDT:8406 MW: 524.58 MOLFM: C27-H23-O2-S C2-F3-O2
SYN: 2,4-BIS(p-METHOXYPHENYL)-5,6-DIHYDRONAPHTHO(1,2-b)THIOPYRYLIUM TRIFLUOROACETATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:265 mg/kg RPTOAN 45,133,82

QM0701100 NAPHTHO(1,2-b)THIOPYRYLIUM, 5,6-DIHYDRO-4-(3,4-DIMETHOXYPHENYL)-2-PHENYL-, TRIFLUOROACETATE
UPDT:8406 MW: 524.58 MOLFM: C27-H23-O2-S C2-F3-O2
SYN: 4-(3,4-DIMETHOXYPHENYL)-2-PHENYL-5,6-DIHYDRONAPHTHO(1,2-b)THIOPYRYLIUM TRIFLUOROACETATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:265 mg/kg RPTOAN 45,133,82

NAPHTHO(2,1-b)THIOPYRYLIUM, 5,6-DIHYDRO-1,3-DIPHENYL-, compd with TETRACHLOROFERRATE(1-) see: LJ8929000

QM0701200 NAPHTHO(1,2-b)THIOPYRYLIUM, 5,6-DIHYDRO-2,4-DIPHENYL-TRIFLUOROACETATE
UPDT:8406 MW: 464.52 MOLFM: C25-H19-S C2-F3-O2
SYN: 2,4-DIPHENYL-5,6-DIHYDRONAPHTHO(1,2b)THIOPYRYLIUM TRIFLUOROACETATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:265 mg/kg RPTOAN 45,133,82

QM0701300 NAPHTHO(1,2-b)THIOPYRYLIUM, 5,6-DIHYDRO-2-(p-METHOXYPHENYL)-4-PHENYL-, TRIFLUOROACETATE
UPDT:8406 MW: 494.55 MOLFM: C26-H21-O-S C2-F3-O2
SYN: 2-(p-METHOXYPHENYL)-4-PHENYL-5,6-DIHYDRONAPHTHO(1,2-b)THIOPYRYLIUM TRIFLUOROACETATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:265 mg/kg RPTOAN 45,133,82

QM0701310 NAPHTHO(1,2-b)THIOPYRYLIUM, 5,6-DIHYDRO-4-(p-METHOXYPHENYL)-2-PHENYL-, TRIFLUOROACETATE
UPDT:8406 MW: 494.55 MOLFM: C26-H21-O-S C2-F3-O2
SYN: 4-(p-METHOXYPHENYL)-2-PHENYL-5,6-DIHYDRONAPHTHO(1,2-b)THIOPYRYLIUM TRIFLUOROACETATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:265 mg/kg RPTOAN 45,133,82

alpha-NAPHTHOTHIOUREA see: YT9275000

2-(alpha-NAPHTHOXY)-N,N-DIAETHYL-PROPIONSAEUREAMID (German) see: UE3600000
2-(alpha-NAPHTHOXY)-N,N-DIETHYLPROPIONAMIDE see: UE36CJ000
1-(2-NAPHTHOYL)-AZIRIDINE see: CM8225000
beta-NAPHTHOYLETHYLENEIMINE see: CM8225000
2-NAPHTHOYLHYDROXAMIC ACID see: QL0850000

QM0805000 1-NAPHTHOYL PEROXIDE
UPDT:8308 MW: 342.36 MOLFM: C22-H14-O4
SYN: DI-(1-NAPHTHOYL)PEROXIDE (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

alpha-NAPHTHYLACETAMIDE see: QJ0590000
N-(2-NAPHTHYL)ACETAMIDE see: AC6482700
1-NAPHTHYLACETAMIDE see: QJ0590000
alpha-NAPHTHYLACETIC see: QJ0875000
NAPHTHYLACETIC ACID see: QJ0875000
alpha-NAPHTHYLACETIC ACID see: QJ0875000
1-NAPHTHYLACETIC ACID see: QJ0875000
(6-(3-(1-NAPHTHYL)-D-ALANINE))-LHRH see: OK6592000
(6-(3-(2-NAPHTHYL)-D-ALANINE))-LHRH see: OK6593000
(6-(3-(1-NAPHTHYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6592000
(6-(3-(2-NAPHTHYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6593000
(6-(3-(2-NAPHTHYL)-D-ALANINE)-7-(N(sup alpha)-METHYLLEUCINE))-LHRH see: OK6595000
beta-NAPHTHYL ALCOHOL see: QL2975000
beta-NAPHTHYLAMIN (German) see: QM2100000
1-NAPHTHYLAMIN (German) see: QM1400000
2-NAPHTHYLAMIN (German) see: QM2100000
alpha-NAPHTHYLAMINE see: QM1400000
beta-NAPHTHYLAMINE see: QM2100000

QM1400000 1-NAPHTHYLAMINE
UPDT:8412 CAS: 134-32-7 MW: 143.20 MOLFM: C10-H9-N
SYN: ALFANAFTILAMINA (Italian) * ALFA-NAFTYLOAMINA (Polish) * 1-AMINONAFTALEN (Czech) * 1-AMINONAPHTHALENE * C.I. AZOIC DIAZO COMPONENT 114 * FAST GARNET B BASE * FAST GARNET BASE B * 1-NAFTILAMINA (Spanish) * alpha-NAFTYLAMIN (Czech) * 1-NAFTYLAMINE (Dutch) * NAPHTHALIDAM * NAPHTHALIDINE * 1-NAPHTHYLAMIN (German) * alpha-NAPHTHYLAMINE * alpha-NAPHTHYLAMINE (DOT) * RCRA WASTE NUMBER U167 * UN 2077 (DOT)

MUTATION DATA AND REFERENCES:

mmo-sat 50 ug/plate	PMRSDJ 1,261,81
mma-sat 50 ug/plate	PMRSDJ 1,302,81
dnr-esc 25 mg/L	JJIND8 62,873,79
pic-esc 250 mg/L	CNREA8 41,532,81
mmo-bcs 5 gm/L	MUREAV 42,19,77
dnd-bcs 2 mg/disc	PMRSDJ 1,175,81
mmo-nsc 200 umol/L	CNREA8 32,1890,72
dnr-smc 100 mg/L	PMRSDJ 1,502,81
mrc-smc 50 ppm	PMRSDJ 1,481,81
sln-smc 100 mg/L	PMRSDJ 1,468,81
otr-hmn:oth 65 mg/L	ITCSAF 17,719,81
dns-hmn:fbr 10 mg/L	PMRSDJ 1,528,81
otr-rat-orl 400 mg/kg	CNREA8 40,1157,80
dnd-rat-ipr 2790 umol/kg	CRNGDP 2,1317,81
dnd-rat:lvr 3 mmol/L	SinJF# 26OCT82
dns-rat:lvr 700 nmol/L	CNREA8 42,3010,82
cyt-rat:lvr 25 mg/L	PMRSDJ 1,570,81
otr-mus:mmr 1 ug/L	CNREA8 39,1784,79
dnd-mus-ipr 150 mg/kg	CRNGDP 2,265,81
dni-mus-ipr 20 gm/kg	ARGEAR 51,605,81
sce-mus-ipr 38 mg/kg	MUREAV 108,225,83
msc-mus:lym 1700 ug/L	PMRSDJ 1,580,81
hma-mus/sat 167 mg/kg	JJIND8 62,911,79
spm-mus-ipr 1260 mg/kg/5D-I	CMMUAO 5,257,78
slt-ham:ovr 10 mg/L	PMRSDJ 1,594,81
dns-ham:lvr 10 umol/L	ENMUDM 6,1,84
cyt-ham:fbr 60 mg/L/48H	MUREAV 48,337,77
dnd-dog-orl 60 umol/kg	EVHPAZ 49,125,83

TUMORIGENIC DATA AND REFERENCES:

2V03P61	ipr-rat TDLo:1300 mg/kg/13W-I	CNREA8 28,535,68

TOXICITY DATA AND REFERENCES:

orl-rat LD50:779 mg/kg	28ZPAK -,67,72
ipr-mus LD50:96 mg/kg	PMRSDJ 1,682,81
scu-rbt LDLo:300 mg/kg	XPHBAO 271,174,41
orl-mam LDLo:4000 mg/kg	JIDHAN 13,87,31

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: KHZHAZ 12(2),85,76; ADCSAJ 13,271,70
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 4,87,74
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 4,87,74

STANDARDS & REGULATIONS:
★ OSHA-carcinogen FEREAC 39,3756,74
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 264*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QM2100000 2-NAPHTHYLAMINE
UPDT:8412 CAS: 91-59-8 MW: 143.20 MOLFM: C10-H9-N
SYN: 2-AMINONAFTALEN (Czech) * 2-AMINONAPHTHALENE * BETA-NAFTYLOAMINA (Polish) * C.I. 37270 * FAST SCARLET BASE B * NA * beta-NAFTILAMINA (Italian) * 2-NAFTYLAMINE (Dutch) * beta-NAFTYLOAMINA (Polish) * 2-NAPHTHALAMINE * 2-NAPHTHALENAMINE * beta-NAFTYLAMIN (Czech) * beta-NAPHTHYLAMIN (German) * 2-NAPHTHYLAMIN (German) * beta-NAPHTHYLAMINE * 6-NAPHTHYLAMINE * beta-NAPHTYLAMIN (German) * beta-NAPHTHYLAMINE (DOT) * 2-NAPHTHYLAMINE MUSTARD * RCRA WASTE NUMBER U168 * UN 1650 (DOT) * USAF CB-22

MUTATION DATA AND REFERENCES:

mmo-sat 2500 ng/plate	PMRSDJ 1,261,81
mma-sat 10 ug/plate	PNASA6 72,5135,75
mma-esc 1 ug/plate	PMRSDJ 1,387,31
dnr-esc 25 mg/L	JJIND8 62,873,79
mrc-esc 56 ug/well	MUREAV 46,53,77
dnd-esc 30 umol/L	MUREAV 89,95,81
pic-esc 25 mg/L	CNREA8 41,532,81
mma-bcs 5 gm/L	MUREAV 42,19,77
dnr-bcs 5 gm/L	MUREAV 42,19,77
dnd-bcs 2 mg/disc	PMRSDJ 1,175,81
mmo-nsc 200 umol/L	CNREA8 32,1890,72
mmo-smc 698 umol/L	MGGEAE 174,39,79
mma-smc 89 mg/L	PMRSDJ 1,414,81
dnr-smc 50 mg/L	PMRSDJ 1,502,81
mrc-smc 50 ppm	PMRSDJ 1,481,81
sln-smc 50 mg/L	PMRSDJ 1,468,81
otr-hmn:oth 68 mg/L	ITCSAF 17,719,81
dnd-hmn:fbr 50 umol/L	MUREAV 127,107,84
dns-hmn:fbr 800 ug/L	TXCYAC 21,151,81
dni-hmn:hla 200 umol/L	MUREAV 92,427,82
dni-hmn:hla 20 mmol/L	MUREAV 93,447,82
otr-rat-orl 400 mg/kg	CNREA8 40,1157,80
dnd-rat-ipr 1390 umol/kg	CRNGDP 2,1317,81
dnd-rat:lvr 300 umol/L	MUREAV 113,357,83
dns-rat:lvr 10 umol/L	ENMUDM 3,11,81
bfa-rat/sat 250 umol/kg	TXCYAC 16,113,80
cyt-rat-ipr 6 mg/kg/72H	NULSAK 23,36,80
cyt-rat:lvr 50 mg/L	PMRSDJ 1,570,81
mnt-mus-ipr 100 mg/kg	PMRSDJ 1,698,81
otr-mus:mmr 1 ug/L	CNREA8 39,1784,79
dnd-mus-ipr 208 mg/kg	CBINA8 1,307,69/70
dnd-mus:ast 30 umol/L	MUREAV 89,95,81
dni-mus-ipr 20 gm/kg	ARGEAR 51,605,81
sce-mus-ipr 100 mg/kg	MUREAV 108,225,83
msc-mus-ipr 100 mg/kg	MUREAV 121,267,83
msc-mus:lym 225 mg/L	PMRSDJ 1,580,81
otr-ham:emb 1600 ug/L	CRNGDP 1,323,80
otr-ham:kdy 25 mg/L	PMRSDJ 1,638,81
dns-ham:lvr 50 umol/L	MUREAV 136,255,84
cyt-ham:ovr 3330 ug/L	PMRSDJ 1,551,81
sce-ham:ovr 5 mg/L	PMRSDJ 1,551,81
msc-ham:ovr 50 mg/L	MUREAV 94,449,82
dnd-dog-orl 60 umol/kg	EVHPAZ 49,125,83
dnd-dog-orl 8 mg/kg	CRNGDP 2,467,81

TUMORIGENIC DATA AND REFERENCES:

2V01M60	orl-rat TDLo:17100 mg/kg/57W-I	BJCAAI 46,646,82
3V03P62V10	ipr-rat TDLo:1300 mg/kg/13W-I	CNREA8 28,535,68
3V03M61V10	scu-rat TDLo:7800 mg/kg/69W-I	VOONAW 15(2),71,69
2V03L60	orl-mus TDLo:4800 mg/kg/9W-C	VOONAW 20(1),103,74
2V02J60	ipr-mus TDLo:1500 mg/kg/8W-I	JJIND8 67,1299,81
3V03R60V10	scu-mus TDLo:1600 mg/kg/40W-I	VOONAW 15(2),71,69
3V01J60P62	par-mus TDLo:18 mg/kg	BECCAN 40,42,62
2V03M60	imp-mus TDLo:100 mg/kg	BJCAAI 10,539,56
2V01M60	orl-dog TDLo:18 gm/kg/2Y-I	JNCIAM 49,193,72
2V03M60	unk-dog TDLo:40 gm/kg/81W	VOONAW 15(2),71,69
2V03M60	mul-dog TDLo:3077 mg/kg/78W-C	AJPAA4 13,656,37
2V03M60	orl-mky TDLo:17 gm/kg/5Y-I	JNCIAM 42,825,69
2V01M60	orl-rbt TDLo:40 gm/kg/5Y	LANCAO 2,286,51
3V01L60M60	orl-ham TDLo:217 mg/kg/45W-C	85DAAC 5,129,66
3V01L60M60	orl-ham TD :365 gm/kg/43W-C	IMSUAI 35,564,66
2V03M60	orl-dog TD :108 mg/kg/4Y	LANCAO 2,286,51
2V03L60	orl-mus TD :31 gm/kg/2Y	LANCAO 2,286,51
2V03M60	orl-rbt TD :30 gm/kg/5Y	LANCAO 2,286,51
2V03M60	mul-dog TD :4379 mg/kg/80W-C	JIHTAB 20,46,38
2V03V10	scu-mus TD :80 mg/kg	ZEKBAI 58,56,51
3V03R60T61	orl-rat TD :13 gm/kg/1Y-I	JNCIAM 41,985,68
2V03M60	mul-dog TC :5169 mg/kg/91W-C	JIHTAB 20,46,33
3V02M61R60	orl-rat TD :16 gm/kg/52W-I	CNREA8 37,2943,77
2V01M60	orl-dog TD :94500 mg/kg/9Y-I	BJCAAI 44,892,81

TOXICITY DATA AND REFERENCES:

orl-rat LD50:727 mg/kg	28ZPAK -,67,72
ipr-mus LD50:200 mg/kg	NTIS** AD277-689
unk-dog LDLo:500 mg/kg	XPHBAO 271,176,41

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: KHZHAZ 12(2),95,76; ADCSAJ 13,271,70; BLFSBY 24,253,83
★ CARCINOGENIC REVIEW:HUMAN POSITIVE IARC** 4,97,74
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 4,97,74
★ TLV-HUMAN CARCINOGEN; NO TWA DTLVS* 4,294,80

STANDARDS & REGULATIONS:
★ OSHA-carcinogen FEREAC 39,3756,74
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 264*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

6-NAPHTHYLAMINE see: QM2100000
1-NAPHTHYLAMINE, N-ACETYL- see: QJ0590000

QM2450000 2-NAPHTHYLAMINE, N,N-BIS(2-CHLOROETHYL)-
UPDT:8406 CAS: 494-03-1 MW: 268.20 MOLFM: C14-H15-Cl2-N
SYN: 2-BIS(2-CHLOROETHYL)AMINONAPHTHALENE * N,N-BIS(2-CHLOROETHYL)-2-NAPHTHYLAMINE * BIS(2-CHLOROETHYL)-beta-NAPHTHYLAMINE * CHLORNAFTINA * CHLORNAPHAZIN * CHLORNAPHAZINE * CHLORNAPHTHIN * CHLORONAFTINA * CHLORONAPHTHINE * DICHLOROETHYL-beta-NAPHTHYLAMINE * DI(2-CHLOROETHYL)-beta-NAPHTHYLAMINE * NN-DI(2-CHLOROETHYL)-beta-NAPHTHYLAMINE * 2-N,N-DI(2-CHLOROETHYL)NAPHTHYLAMINE * ERYSAN * NAPHTHYLAMINE MUSTARD * beta-NAPHTHYL-BIS-(beta-CHLOROETHYL)AMINE * 2-NAPHTHYLBIS(2-CHLOROETHYL)AMINE * beta-NAPHTHYL-DI-(2-CHLOROETHYL)AMINE * NSC-62209 * R48 * RCRA WASTE NUMBER U026

MUTATION DATA AND REFERENCES:

mmo-sat 40 ug/plate	CNREA8 37,2209,77
mma-sat 10 ug/plate	PNASA6 72,5135,75
dnd-dmg-orl 260 umol/L	CNREA8 30,195,70

TUMORIGENIC DATA AND REFERENCES:

2V01M60	orl-man TDLo:2468 mg/kg/6Y-I	AMSVAZ 176,45,64
2V01M60	orl-wmn TDLo:3132 mg/kg/10Y-I	AMSVAZ 176,45,64
2V01M60	unk-wmn TDLo:3200 mg/kg/11Y-I	AMSVAZ 175,721,64
2V01J60	ipr-mus TDLo:330 mg/kg/4W	JNCIAM 36,915,66
2V01M60	orl-wmn TD :4090 mg/kg/7Y-I	AMSVAZ 176,45,64
2V01M60	orl-wmn TD :3200 mg/kg/11Y-I	AMSVAZ 185,133,69

TOXICITY DATA AND REFERENCES:

ipr-rat LD50:1086 mg/kg	BCPCA6 13,969,64

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADCSAJ 13,271,70
★ CARCINOGENIC REVIEW:HUMAN POSITIVE IARC** 4,119,74
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 4,119,74

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NAPHTHYLAMINE BLUE see: QJ6475000
beta-NAPHTHYLAMINE mixed with CUMENE HYDROPEROXIDE see: QM2826500

QM2826500 2-NAPHTYLAMINE, mixed with (alpha,alpha-DIMETHYLBENZYL)HYDROPEROXIDE
UPDT:8303 MW: 295.41 MOLFM: C10-H9-N C9-H12-O2
SYN: CUMENE HYDROPEROXIDE mixed with beta-NAPHTHYLAMINE * beta-NAPHTHYLAMINE mixed with CUMENE HYDROPEROXIDE

MUTATION DATA AND REFERENCES:

mmo-smc 1200 umol/L	BBRCA9 83,14,78

2-NAPHTHYLAMINE-6,8-DISULFONIC ACID see: QJ6132000
alpha-NAPHTHYLAMINE (DOT) see: QM1400000
beta-NAPHTHYLAMINE (DOT) see: QM2100000

QM2850000 2-NAPHTHYLAMINE, N-ETHYL-1-((p-(PHENYLAZO)PHENYL)AZO)-
UPDT:8401 CAS: 6368-72-5 MW: 379.50 MOLFM: C24-H21-N5
SYN: CERES RED 7B * C.I. 26050 * C.I. SOLVENT RED 19 * N-ETHYL-1-((p-(PHENYLAZO)PHENYL)AZO)-2-NAPHTHALENAMINE * N-ETHYL-1-((4-(PHENYLAZO)PHENYL)AZO)-2-NAPHTHYLAMINE * FAT RED 7B * HEXATYPE CARMINE B * LACQUER RED V3B * 2-NAPHTHALENAMINE, N-ETHYL-1-((4-(PHENYLAZO)PHENYL)AZO)- (9CI) * OIL VIOLET * ORGANOL BORDEAUX B * (PHENYLAZO-4-PHENYLAZO)-1-ETHYLAMINO-2-NAPHTHALENE * 1-(4-PHENYLAZO-PHENYLAZO)-2-ETHYLAMINONAPHTHALENE * SOLVENT RED 19 * SPECIAL BLUE X 2137 * SUDAN RED 7B * SUDANROT 7B * TYPOGEN CARMINE
MUTATION DATA AND REFERENCES:
mma-sat 500 ug/plate EPASR* 8EHQ-0982-0455
mma-mus:lym 300 mg/L EPASR* 8EHQ-0982-0455
TUMORIGENIC DATA AND REFERENCES:
3V03K60L60 orl-rat TDLo:15 gm/kg/50W-C XPHPAW 149,403,69
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 8,253,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0982-0455
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-NAPHTHYLAMINE-1-D-GLUCOSIDURONIC ACID see: LZ7875000

QM3250000 2-NAPHTHYLAMINE, 1-METHOXY-
UPDT:8401 CAS: 3178-03-8 MW: 173.23 MOLFM: C11-H11-N-O
SYN: 2-AMINO-1-METHOXYNAPHTHALENE * 1-METHOXY-2-NAPHTHYLAMINE
TUMORIGENIC DATA AND REFERENCES:
3V01M60V10 imp-mus TDLo:100 mg/kg BMBUAQ 14,147,58
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QM3275000 2-NAPHTHYLAMINE, 1-METHOXY-, HYDROCHLORIDE
UPDT:8401 CAS: 63020-03-1 MW: 209.69 MOLFM: C11-H11-N-O .Cl-H
SYN: 1-METHOXY-2-AMINONAPHTHALENE * 1-METHOXY-2-NAPHTHYLAMINE HYDROCHLORIDE * O-METHYL-2-AMINO-1-NAPHTHOL HYDROCHLORIDE * NEOSONE D
TUMORIGENIC DATA AND REFERENCES:
2V02K60 scu-mus TDLo:12500 mg/kg/52W BJCAAI 10,653,56
2V01M60 imp-mus TDLo:50 mg/kg BJCAAI 12,222,58
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADCSAJ 13,271,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QM3500000 1-NAPHTHYLAMINE, N-METHYL-
UPDT:8407 CAS: 2216-68-4 MW: 157.23 MOLFM: C11-H11-N
SYN: N-METHYL-1-NAPHTHYLAMINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1410 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QM3675000 1-NAPHTHYLAMINE, 2-METHYL-
UPDT:8303 CAS: 2246-44-8 MW: 157.23 MOLFM: C11-H11-N
SYN: 2-METHYL-1-NAPHTHYLAMINE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:620 mg/kg AIHAAP 23,95,62
1R10 skn-rbt LD50:2830 mg/kg AIHAAP 23,95,62

QM4025000 2-NAPHTHYLAMINE, 3-METHYL-
UPDT:8401 CAS: 10546-24-4 MW: 157.23 MOLFM: C11-H11-N
SYN: 3-METHYL-2-NAPHTHYLAMINE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:1800 mg/kg/18W-I CUSCAM 33,45,64
2V03V10 scu-mus TDLo:4100 mg/kg/17W-I CUSCAM 33,45,64
3V01M60V10 scu-ham TDLo:4440 mg/kg/94W-I JJIND8 67,481,81
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADCSAJ 13,271,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QM4200000 2-NAPHTHYLAMINE, 3-METHYL-, HYDROCHLORIDE
UPDT:8401 CAS: 5096-18-4 MW: 193.69 MOLFM: C11-H11-N .Cl-H
SYN: 3-METHYL-2-NAPHTHYLAMINE, HYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
3V01M61R60 orl-rat TDLo:1500 mg/kg CNREA8 26,619,66
3V01K60R60 orl-rat TD :5250 mg/kg/21W-I JNCIAM 41,985,68
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1500 mg/kg CNREA8 26,619,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NAPHTHYLAMINE MUSTARD see: QM2450000
2-NAPHTHYLAMINE MUSTARD see: QM2100000

QM4300000 2-NAPHTHYLAMINE, 4-(1-NAPHTHYLAZO)-
UPDT:8401 CAS: 63978-93-8 MW: 297.38 MOLFM: C20-H15-N3
SYN: 4-(1-NAPHTHYLAZO)-2-NAPHTHYLAMINE
TUMORIGENIC DATA AND REFERENCES:
3V03K60R60 orl-rat TDLo:23 gm/kg/64W-C ZEKBAI 57,530,51
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QM4370000 1-NAPHTHYLAMINE, 4-NITRO-
UPDT:8312 CAS: 776-34-1 MW: 188.20 MOLFM: C10-H8-N2-O2
SYN: 1-AMINO-4-NITRONAPHTHALENE * 4-NITRO-1-NAPHTHYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 25 ug/plate MUREAV 118,49,83

QM4374000 2-NAPHTHYLAMINE, 1-NITRO-
UPDT:8312 CAS: 606-57-5 MW: 188.20 MOLFM: C10-H8-N2-O2
SYN: 2-AMINO-1-NITRONAPHTHALENE * 1-NITRO-2-NAPHTHYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 25 ug/plate MUREAV 118,49,83

QM4375000 2-NAPHTHYLAMINE, 3-NITRO-
UPDT:8401 CAS: 13115-28-1 MW: 188.20 MOLFM: C10-H8-N2-O2
SYN: 3-NITRO-2-NAPHTHYLAMINE
TUMORIGENIC DATA AND REFERENCES:
3V01K60T61 orl-rat TDLo:38 gm/kg/51W-I JNCIAM 41,985,68
2V02K60 orl-rat TD :130 mg/kg/1Y-I JNCIAM 41,985,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QM4480000 NAPHTHYL AMINE, PERCHLORATE
UPDT:8308 MW: 243.66 MOLFM: C10-H9-N .Cl-H-O4
SYN: NAPHTHYLAMINE, PERCHLORATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

NAPHTHYLAMINE, PERCHLORATE (DOT) see: QM4480000

QM4500000 1-NAPHTHYLAMINE, N-PHENYL-
UPDT:8412 CAS: 90-30-2 MW: 219.30 MOLFM: C16-H13-N
SYN: ACETO PAN * ADDITIN 30 * 1-ANILINONAPHTHALENE * C.I. 44050 * N-(1-NAPHTHYL)ANILINE * NEOZONE A * PHENYLNAPHTHYLAMINE * PHENYL-alpha-NAPHTHYLAMINE * N-PHENYL-alpha-NAPHTHYLAMINE * N-PHENYL-1-NAPHTHYLAMINE * alpha-PHENYLNAPHTHYLAMINE
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate SYSWAE 12,41,79
mma-sat 500 nL/plate NTIS** AD-A041-973
otr-hmn:oth 27500 ug/L ITCSAF 17,719,81
dns-hmn:lng 50 mg/L NTIS** AD-A041-973
dlt-mus-ipr 830 mg/kg/5D-I NTIS** AD-A041-973
TUMORIGENIC DATA AND REFERENCES:
3V01J60M61 orl-mus TDLo:5400 mg/kg/9W-I CNREA8 44,3098,84
3V01J60M61 orl-mus TD :17280 mg/kg/9W-I CNREA8 44,3098,84
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1625 mg/kg AMRL** TR-74-78,74
orl-mus LD50:1231 mg/kg AMRL** TR-74-78,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QM4550000 2-NAPHTHYLAMINE, N-PHENYL-
UPDT:8412 CAS: 135-88-6 MW: 219.30 MOLFM: C16-H13-N
SYN: ACETO PBN * AGERITE POWDER * ANILINONAPHTHALENE * 2-ANILINONAPHTHALENE * ANTIOXIDANT 116 * ANTIOXIDANT PBN * N-(2-NAPHTHYL)ANILINE * 2-NAPHTHYLPHENYLAMINE * beta-NAPHTHYLPHENYLAMINE * NCI-C02915 * NEOZON D * NEOZONE * NEOZONE D * NILOX PBNA * NONOX D * PBNA * 2-PHENYLAMINONAPHTHALENE * PHENYL-beta-NAPHTHYLAMINE * PHENYL-2-NAPHTHYLAMINE * N-PHENYL-beta-NAPHTHYLAMINE * N-PHENYL-2-NAPHTHYLAMINE * STABILIZATOR AR
MUTATION DATA AND REFERENCES:
otr-hmn:oth 23100 ug/L ITCSAF 17,719,81
cyt-mus-orl 360 mg/kg/18D GTPZAB 23(9),57,79
TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 orl-mus TDLo:208 gm/kg/97W-C SYSWAE 14,129,81
2V02L60 scu-mus TDLo:464 mg/kg NTIS** PB223-159
3V03J60L60 orl-mus TD :264 gm/kg/99W-C SYSWAE 14,129,81
2V02L60 orl-mus TD :135 gm/kg/78W-I NTIS** PB223-159
3V01J60M61 orl-mus TD :17280 mg/kg/9W-I CNREA8 44,3098,84
TOXICITY DATA AND REFERENCES:
orl-rat LD50:8730 mg/kg HYSAAV 31(2),183,66
unk-rat LD50:8700 mg/kg TJSGA8 53,415,75
orl-mus LD50:1450 mg/kg HYSAAV 31(2),183,66
orl-rbt LDLo:1000 mg/kg TPKVAL 10,91,68
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 16,325,78
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 16,325,78
★ TLV-SUSPECTED CARCINOGEN DTLVS* 4,329,80
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
★ NIOSH CURRENT INTELLIGENCE BULLETIN 16, 1976
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QM4725000 2-NAPHTHYLAMINE, 1-(PHENYLAZO)-
UPDT:8401 CAS: 85-84-7 MW: 247.32 MOLFM: C16-H13-N3
SYN: A.F. YELLOW NO. 2 * 1-BENZENE-AZO-beta-NAPHTHYLAMINE * 1-BENZENEAZO-2-NAPHTHYLAMINE * CERISOL YELLOW AB * C.I. 11380 * C.I. FOOD YELLOW 10 * C.I. SOLVENT YELLOW 5 * DOLKWAL YELLOW AB * EXT. D AND C YELLOW NO. 9 * FD & C YELLOW 3 * FD AND C YELLOW NO. 3 * GRASAL YELLOW * JAUNE AB * OIL YELLOW A * OIL YELLOW AB PURE * OIL YELLOW OB * 1-(PHENYLAZO)-2-NAPHTHALENAMINE * 1-PHENYLAZO-2-NAPHTHYLAMINE * YELLOW AB * YELLOW NO. 2
TUMORIGENIC DATA AND REFERENCES:
3V03K60M61 orl-rat TDLo:8190 mg/kg/65W-C JPPMAB 7,591,55
TOXICITY DATA AND REFERENCES:
orl-rbt LDLo:1000 mg/kg JBCHA3 27,403,16
scu-rbt LDLo:1000 mg/kg JBCHA3 27,403,16
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ZEKBAI 60,344,55
★ CARCINOGENIC REVIEW:ANIMAL NEGATIVE IARC** 8,279,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

alpha-NAPHTHYLAMINE-p-SULFONIC ACID see: QK1270000
1-NAPHTHYLAMINE-4-SULFONIC ACID see: QK1270000
2-NAPHTHYLAMINE-8-SULFONIC ACID see: QK1271000

QM5337000 2-NAPHTHYLAMINE, 1,2,3,4-TETRAHYDRO-6-METHOXY-, HYDROCHLORIDE
UPDT:8412 MW: 213.73 MOLFM: C11-H15-N-O .Cl-H
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:53 mg/kg CHTPBA 6,196,71

QM5338000 2-NAPHTHYLAMINE, 1,2,3,4-TETRAHYDRO-7-METHOXY-6-METHYL-, HYDROCHLORIDE
UPDT:8412 CAS: 32828-83-4 MW: 227.76 MOLFM: C12-H17-N-O .Cl-H
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:130 mg/kg CHTPBA 6,196,71

QM5348100 2-NAPHTHYLAMINE, 1,2,3,4-TETRAHYDRO-6-METHYL-, HYDROCHLORIDE
UPDT:8412 CAS: 33448-19-0 MW: 197.73 MOLFM: C11-H15-N .Cl-H
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:104 mg/kg CHTPBA 6,196,71

QM5400000 2-NAPHTHYLAMINE, 1-(o-TOLYLAZO)-
UPDT:8401 CAS: 131-79-3 MW: 261.35 MOLFM: C17-H15-N3
SYN: A.F. YELLOW NO. 3 * C.I. 11390 * CERISOL YELLOW TB * C.I. FOOD YELLOW 11 * C.I. SOLVENT YELLOW 6 * DOLKWAL YELLOW OB * EXT. D and C YELLOW NO. 10 * FD & C YELLOW 4 * FD and C YELLOW NO. 4 * JAUNE OB * 1-(2-METHYLPHENYL)AZO-2-NAPHTHALENAMINE * 1-((2-METHYLPHENYL)AZO)-2-NAPHTHALENAMINE * 1-(2-METHYLPHENYL)AZO-2-NAPHTHYLAMINE * OIL YELLOW OB * OIL YELLOW OB PURE * o-TOLUENE-1-AZO-2-NAPHTHYLAMINE * 1-(o-TOLYLAZO)-2-NAPHTHYLAMINE * YELLOW OB
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate CANCAR 49,1970,82
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:700 mg/kg/2Y-I FEPRA7 16,367,57
TOXICITY DATA AND REFERENCES:
orl-rbt LDLo:1000 mg/kg JBCHA3 27,403,16
ipr-rbt LDLo:1000 mg/kg JBCHA3 27,403,16
scu-rbt LDLo:1000 mg/kg JBCHA3 27,403,16
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARVPAX 14,127,74; ZEKBAI 60,344,55
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 8,287,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

N-(1-NAPHTHYL)ANILINE see: QM4500000
N-(2-NAPHTHYL)ANILINE see: QM4550000
4-(1-NAPHTHYLAZO)-2-NAPHTHYLAMINE see: QM4300000

4-(1-NAPHTHYLAZO)-m-PHENYLENEDIAMINE see: ST2900000
5-(beta-NAPHTHYLAZO)-2,4,6-TRIAMINOPYRIMIDINE see: UV9400000
beta-NAPHTHYL-BIS-(beta-CHLOROETHYL)AMINE see: QM2450000
2-NAPHTHYLBIS(2-CHLOROETHYL)AMINE see: QM2450000
1-NAPHTHYL N-BUTYL-N-NITROSOCARBAMATE see: EZ1302000
beta-NAPHTHYL-DI-(2-CHLOROETHYL)AMINE see: QM2450000
alpha-NAPHTHYLENEACETIC ACID see: QJ0875000
1,2-(1,8-NAPHTHYLENE)BENZENE see: LL4025000
1,5-NAPHTHYLENEDIAMINE see: QJ3400000
1,1'-(2,7-NAPHTHYLENEDISULFONYL)DIAZIRIDINE see: CM8226200

QM7000000 1,3,5-NAPHTHYLENETRISULFONIC ACID, 8,8'-(UREYLENEBIS(m-PHENYLENECARBONYLIMINO (4-METHYL-m-PHENYLENE)CARBONYLIMINO))DI-, HEXASODIUM SALT

UPDT:8403 CAS: 129-46-4 MW: 1429.21 MOLFM: C51-H34-N6-O23-S6 .6Na
SYN: ANTRYPOL * BAYER 205 * 1-(3-BENZAMIDO-4-METHYLBENZAMIDO)NAPHTHALENE-4,6,8-TRISULFONIC ACID sym-3''-UREA SODIUM SALT * 309 F * FOURNEAU 309 * GERMANIN * MORANYL * NAGANIN * NAGANINE * NAGANOL * NAPHURIDE SODIUM * SODIUM SURAMIN * SURAMIN SODIUM * SURAMINE SODIUM

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:40 mg/kg	MEIEDD 10,1294,83

alpha-NAPHTHYLESSIGSAEURE (German) see: QJ0875000
1-(1-NAPHTHYLETHOXY)-2,3-EPOXYPROPANE see: TZ4400000
1-(2-NAPHTHYLETHOXY)-2,3-EPOXYPROPANE see: TZ4402000
N-(1-NAPHTHYL)ETHYLENEDIAMINE DIHYDROCHLORIDE see: KV5330000
1-NAPHTHYLETHYL GLYCIDYL ETHER see: TZ4400000
2-NAPHTHYLETHYL GLYCIDYL ETHER see: TZ4402000
N-(2-NAPHTHYL) GLYCINE HYDRAZIDE DIHYDROCHLORIDE see: MC0680000
2-NAPHTHYLHYDROXAMIC ACID see: QL0850000
beta-NAPHTHYL HYDROXIDE see: QL2975000
N-1-NAPHTHYLHYDROXYLAMINE see: NC4025000
1-NAPHTHYLHYDROXYLAMINE see: NC4025000
2-NAPHTHYLHYDROXYLAMINE see: NC4200000
beta-NAPHTHYL ISOBUTYL ETHER see: KO1255000
N-1-NAPHTHYLISONICOTINAMIDINE see: NS0991000
N-2-NAPHTHYLISONICOTINAMIDINE see: NS0992000
(2-NAPHTHYL)-1-ISOPROPYLAMINOETHANOL see: QJ9100000
NAPHTHYLISOPROTERENOL see: QJ9100000
NAPHTHYLISOPROTERENOL HYDROCHLORIDE see: QJ9275000
alpha-NAPHTHYL ISOTHIOCYANATE see: NX9100000
1-NAPHTHYL ISOTHIOCYANATE see: NX9100000
1-(1-NAPHTHYLMETHOXY)-2,3-EPOXYPROPANE see: TZ4403000
1-(2-NAPHTHYLMETHOXY)-2,3-EPOXYPROPANE see: TZ4404000
1-(1-NAPHTHYLMETHYL)BIGUANIDE MONOHYDROCHLORIDE see: DU2046000
alpha-NAPHTHYL N-METHYLCARBAMATE see: FC5950000
1-NAPHTHYL METHYLCARBAMATE see: FC5950000
1-NAPHTHYL N-METHYLCARBAMATE see: FC5950000
1-NAPHTHYLMETHYL GLYCIDYL ETHER see: TZ4403000
2-NAPHTHYLMETHYL GLYCIDYL ETHER see: TZ4404000
2-(1-NAPHTHYLMETHYL)IMIDAZOLINE HYDROCHLORIDE see: NJ4375000
2-(1-NAPHTHYLMETHYL)-2-IMIDAZOLINE HYDROCHLORIDE see: NJ4375000
alpha-NAPHTHYL METHYL KETONE see: AL2982800
beta-NAPHTHYL METHYL KETONE see: AL2988000
1-NAPHTHYL METHYL KETONE see: AL2982800
2-NAPHTHYL METHYL KETONE see: AL2988000
1-NAPHTHYL METHYLNITROSOCARBAMATE see: FC6600000
1-NAPHTHYL N-METHYL-N-NITROSOCARBAMATE see: FC6600000
(1-NAPHTHYL) MONOFLUOROACETAMIDE see: AC2740000
N-1-NAPHTHYLNICOTINAMIDINE see: QS4760000
N-2-NAPHTHYLNICOTINAMIDINE see: QS4770000
beta-NAPHTHYL ORANGE see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO), MONOSODIUM SALT
2-NAPHTHYLOXIRANE see: QJ6870000
(2-NAPHTHYLOXY)ACETIC ACID 2-(1-(MORPHOLINOMETHYL)-2-OXO-3-INDOLINYLENE)HYDRAZIDE see: AI9692000
(2-NAPHTHYLOXY)ACETIC ACID 2-(2-OXO-1-(1-PYRROLIDINYLMETHYL)-3-INDOLINYLENE)HYDRAZIDE see: AI9695000
(2-NAPHTHYLOXY)ACETIC ACID 2-(1-(PIPERIDINOMETHYL)-2-OXO-3-INDOLINYLENE)HYDRAZIDE see: AI9698000
4-(2-(2-NAPHTHYLOXY)ETHYL)IMIDAZOLE see: NI7850000
4-(alpha-NAPHTHYLOXY)-3-HYDROXYBUTYRAMIDOXIME HYDROCHLORIDE see: ES5222000
1-(1-NAPHTHYLOXY)-2-HYDROXY-3-ISOPROPYLAMINOPROPANE HYDROCHLORIDE see: UB7525000
1-(2-NAPHTHYLOXY)-2-PHENYLHYDRAZINE see: MV8127000
beta-NAPHTHYLPHENYLAMINE see: QM4550000
2-NAPHTHYLPHENYLAMINE see: QM4550000
2-NAPHTHYL-p-PHENYLENEDIAMINE see: ST2100000
1-NAPHTHYL N-PHENYL-METHYLCARBAMATE see: FD9730000
N-1-NAPHTHYLPHTHALAMATE see: TH7350000
alpha-NAPHTHYLPHTHALAMIC ACID see: TH7350000
N-1-NAPHTHYLPHTHALAMIC ACID see: TH7350000
alpha-NAPHTHYLPHTHALAMIC ACID SODIUM SALT see: TH7351000
N-1-NAPHTHYLPHTHALAMIC ACID SODIUM SALT see: TH7351000
N-1-NAPHTHYL-PHTHALAMIDSAEURE (German) see: TH7350000
3-(1-NAPHTHYL)-2-TETRAHYDROFURFURYLPROPIONIC ACID 2-(DIETHYLAMINO)ETHYL ESTER see: LU5800000
alpha-NAPHTHYLTHIOCARBAMIDE see: YT9275000
1-NAPHTHYL-THIOHARNSTOFF (German) see: YT9275000
alpha-NAPHTHYLTHIOUREA see: YT9275000
N-(1-NAPHTHYL)-2-THIOUREA see: YT9275000
1-NAPHTHYL THIOUREA see: YT9275000
1-(1-NAPHTHYL)-2-THIOUREA see: YT9275000
alpha-NAPHTHYLTHIOUREA (DOT) see: YT9275000
1-NAPHTHYL-THIOUREE (French) see: YT9275000
5-beta-NAPHTHYL-2:4:6-TRIAMINOAZOPYRIMIDINE see: UV9400000
5-(2-NAPHTHYL)-as-TRIAZINE-3-THIOL see: XZ0995000
NAPHTHYLUREA (DOT) see: YT9140000
4-(1-NAPHTHYLVINYL)-PYRIDINE HYDROCHLORIDE see: UT6305000
4-(2-(1-NAPHTHYL)VINYL)PYRIDINE HYDROCHLORIDE see: UT6305000

QN2795000 1,8-NAPHTHYRIDINE-3-CARBOXYLIC ACID, 1,4-DIHYDRO-1-ETHYL-6-FLUORO-7-(4-METHYL-1- PIPERAZINYL)-4-OXO-

UPDT:8406 CAS: 74274-66-1 MW: 334.39 MOLFM: C16-H19-F-N4-O3

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:210 mg/kg	JMCMAR 27,292,84

QN2810000 1,8-NAPHTHYRIDINE-3-CARBOXYLIC ACID, 1,4-DIHYDRO-6-FLUORO-1-(2-FLUOROETHYL)-7-(4-METHYL-1- PIPERAZINYL)-4-OXO-

UPDT:8406 CAS: 84209-33-6 MW: 352.38 MOLFM: C16-H18-F2-N4-O3

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1866 mg/kg	JMCMAR 27,292,84

QN2820000 1,8-NAPHTHYRIDINE-3-CARBOXYLIC ACID, 1,4-DIHYDRO-6-FLUORO-7-(4-METHYL-1-PIPERAZINYL)-1- VINYL-4-OXO-

UPDT:8406 CAS: 74274-72-9 MW: 332.37 MOLFM: C16-H17-F-N4-O3

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:354 mg/kg	JMCMAR 27,292,84

QN2840000 1,8-NAPHTHYRIDINE-3-CARBOXYLIC ACID, 1,4-DIHYDRO-1-METHYL-7-(2-(5-NITRO-2-FURYL)VINYL)- 4-OXO-, POTASSIUM SALT

UPDT:8401 CAS: 29676-95-7 MW: 379.39 MOLFM: C16-H10-N3-O6 K
SYN: NFN

TUMORIGENIC DATA AND REFERENCES:

3V01J60K60	orl-mus TDLo:1411 mg/kg/14W-C	JJIND8 69,1317,82
3V01J60K60	orl-mus TD :3150 mg/kg/25W-C	CIZAAZ 50,249,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QN2885000 1,8-NAPHTHYRIDINE-3-CARBOXYLIC ACID, 1-ETHYL-1,4-DIHYDRO-7-METHYL-4-OXO-

UPDT:8412 CAS: 389-08-2 MW: 232.26 MOLFM: C12-H12-N2-O3
SYN: CHINOIN * ACIDE 1-ETIL-7-METIL-1,8-NAFTIRIDIN-4-ONE-3-CARBOSSILICO (Italian) * ACIDE NALIDIXICO (Italian) * ACIDE NALIDIXIQUE (French) * BETAXINA * 3-CARBOXY-1-ETHYL-7-METHYL-1,8-NAPHTHIDIN-4-ONE * CYBIS * 1,4-DIHYDRO-1-ETHYL-7-METHYL-4-OXO-1,8-NAPHTHYRIDINE-3-CARBOXYLIC ACID * DIXIBEN * 1-ETHYL-1,4-DIHYDRO-7-METHYL-4-OXO-1,8-NAPHTHYRIDINE-3-CARBOXILIC ACID * 1-ETHYL-7-METHYL-1,4-DIHYDRO-1,8-NAPHTHYRIDIN-4-ONE-3-CARBOXYLIC ACID * 1-ETHYL-7-METHYL-4-OXO-1,4-DIHYDRO-1,8-NAPHTHYRIDINE-3-CARBOXYLIC ACID * EUCISTEN * INNOXALON * KUSNARIN * NA * NALIDIC ACID * NALIDICRON * NALIDIXIC ACID * NALIDIXIN * NALITUCSAN * NARIGIX * NCI-C56199 * NEGGRAM * NEGRAM * NEVIGRAMON * NICELATE * NOGRAM * NSC-82174 * POLEON * SPECIFEN * URALGIN * URIBEN * URICLAR * URISAL * URODIXIN * UROMAN * URONEG * UROPAN * WIN 18,320 * WINTOMYLON

MUTATION DATA AND REFERENCES:

	mmo-sat 6250 nmol/L	AMACCQ 9,77,76
	dnr-esc 20 uL/disc	MUREAV 97,1,82
	dnd-esc 25 mg/L	PNASA6 70,1955,73
	dni-esc 2300 ug/L	AMACCQ 17,763,80
	oms-esc 50 mg/L	EJBCAI 62,491,76
	pic-esc 5 mg/L	VIRLAX 41,244,70
	mmo-bcs 100 mg/L	MUREAV 95,191,82
	dnr-bcs 1 gm/L	MUREAV 16,165,72
	dni-srm 2200 ug/L	AMACCQ 17,763,80
	mmo-omi 50 mg/L	MUREAV 74,113,80
	mmo-omi 40 mg/L	MUREAV 25,25,74
	oms-omi 20 mg/L	JMOBAK 75,99,73
	dni-omi 100 mg/L	JOBAAY 116,1398,73
	dni-omi 50 mg/L	JOVIAM 24,716,77
	dni-omi 200 mg/L	MGGEAE 150,301,77
	dni-omi 2200 ug/L	AMACCQ 17,763,80
	dni-omi 3700 ug/L	AMACCQ 17,763,80
	pic-omi 30 ug/plate	ZMMPAO 231,369,75
	sln-dmg-orl 20 mg/3D	SOGEBZ 10,128,74
	dns-ssp 100 mg/L	MGGEAE 187,96,82
	dni-ssp 100 mg/L	MGGEAE 187,96,82
	dni-clr 300 mg/L	COINAV 240,167,75
	mmo-eug 500 mg/L	EXPEAM 27,586,71
	mmo-eug 50 mg/L	ABBIA4 164,548,74
	dnd-eug 50 mg/L	ABBIA4 164,548,74
	dni-eug 50 mg/L	ABBIA4 164,548,74
	sce-chd-unk 50 mg/kg/10D	MUREAV 77,371,80
	dni-mus:oth 10 mmol/L	BBRCA9 106,1448,82
	dnr-ham:oth 500 mg/L	CRNGDP 5,187,84
	sce-ham:ovr 10 ug/L	CHROAU 85,603,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T26T31T34	orl-rat TDLo:3300 mg/kg (7-17D preg)	NKRZAZ 28,484,80
3T35T43T46	orl-rat TDLo:3300 mg/kg (7-17D preg)	NKRZAZ 28,484,80
3T71T72T75	orl-rat TDLo:3300 mg/kg (7-17D preg)	NKRZAZ 28,484,80
1T81	orl-rat TDLo:3300 mg/kg (7-17D preg)	NKRZAZ 28,484,80
2T26T35	orl-rbt TDLo:10400 mg/kg (6-18D preg)	NKRZAZ 28(Suppl 4),508,80

TOXICITY DATA AND REFERENCES:

3F12N24R20	orl-wmn TDLo:160 mg/kg/2D	BMJOAE 2,1518,77
*	orl-rat LD50:1160 mg/kg	NIIRDN 6,540,82
*	ipr-rat LD50:319 mg/kg	AACHAX -,117,70
*	scu-rat LD50:1584 mg/kg	AACHAX -,117,70
*	ivn-rat LD50:88400 ug/kg	AACHAX -,117,70
	orl-mus LD50:572 mg/kg	TXAPA9 18,185,71
*	ipr-mus LD50:871 mg/kg	AACHAX -,117,70
	scu-mus LD50:500 mg/kg	TXAPA9 18,185,71
*	ivn-mus LD50:101 mg/kg	AACHAX -,117,70

STATUS:

NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NAPHTOCARD ORANGE II see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO), MONOSODIUM SALT
NAPHTOCARD RED 2G see: QJ6030000
NAPHTOCARD YELLOW 0 see: UQ6400000
NAPHTOELAN FAST RED 3GL BASE see: BX1575000
NAPHTOELAN FAST RED 3GL SALT see: BX1575000
NAPHTOELAN FAST SCARLET G BASE see: XU8225000
NAPHTOELAN FAST SCARLET G SALT see: XU8225000
NAPHTOELAN ORANGE R BASE see: BY6825000
NAPHTOELAN RED GG BASE see: BY7000000
beta-NAPHTOL (German) see: QL2975000
2-NAPHTOL (French) see: QL2975000
NAPHTOL AS-KG see: XU3150000
NAPHTOL AS-KGLL see: XU3150000
NAPHTO(1,2-c-d-e)NAPHTACENE (French) see: DI2230000
NAPHTOX see: YT9275000
beta-NAPHTYLAMIN (German) see: QM2100000
NAPHURIDE SODIUM see: QM7000000
NAPHYL-1-ESSIGSAEURE (German) see: QJ0875000
NAPOLONE see: FJ5959000
NAPOTON see: DE9275000
NAPOTON see: DE9450000
NAPQI see: AC6960000
NAPRINOL see: AE4200000
NAPROPAMIDE see: UE3600000
NAPROSINE see: UF5275000
NAPROSYN see: UF5275000
NAPROXEN see: UF5275000
NAPROXEN SODIUM see: QJ1047000
NAPRUX see: UF5275000 PROPIONIC ACID, 2-(METHOXY-2-NAPHTHYL)-, (+)-
NAPTALAM see: TH7350000
NAPTALAME see: TH7350000
NAPTALAM SODIUM see: TH7351000
NAPTAZANE see: AC6350000

NAPTON see: DE9275000
NAQUA see: DK8925000
NAQUIVAL see: ZG0350000
NARAMYCIN see: MA4375000
NARAMYCIN A see: MA4375000
NARASIN see: VO8640000
NARASIN A see: VO8640000

QN4600000 NARAVELIA ZEYLANICA (Linn.) DC., extract excluding roots
DEF:Indian plant belonging to the family RANUNCULACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:

1M10	ipr-mus LD50:95 mg/kg	IJEBA6 15,208,77

QN4725000 NARBOMYCIN
UPDT:8406 CAS: 6036-25-5 MW: 509.76 MOLFM: C28-H47-N-O7
SYN: 12-DEOXYPICROMYCIN
TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:500 mg/kg	HCACAV 38,935,55

NARCAN see: QD2275000
NARCEOL see: AJ7570000
NARCICLASINE see: JI5000000

QN4850000 NARCISSUS ABSOLUTE
UPDT:8305 CAS: 8023-75-4
IRRITATION DATA AND REFERENCES:

	skn-gpg 100% MLD	FCTXAV 16,827,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NARCOGEN see: KX4550000
NARCOLAN see: KM3500000
NARCOLAN see: KM3675000
NARCOMPREN see: RD2625000
NARCOMPREN HYDROCHLORIDE see: NP7225000
NARCOPHIN see: QN5605000 NARCOTINE, compd. with 7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYLMORPHINAN-3,6-alpha-DIOL and 3-HYDROXY-4-OXO-4H-PYRAN-2,6-DICARBOXYLIC ACID (1:1:1)
NARCOPHINE see: QN5605000 NARCOTINE, compd. with 7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYLMORPHINAN-3,6-alpha-DIOL and 3-HYDROXY-4-OXO-4H-PYRAN-2,6-DICARBOXYLIC ACID (1:1:1)
NARCOSAN see: CQ2625000
NARCOSAN SOLUBLE see: CQ2800000
NARCOSINE see: RD2625000
NARCOSINE HYDROCHLORIDE see: NP7225000
NARCOTANE see: KH6550000
NARCOTANN NE-SPOFA (Russian) see: KH6550000
NARCOTILE see: KH7525000

QN5600000 NARCOTINE
UPDT:8405 CAS: 6035-40-1 MW: 413.46 MOLFM: C22-H23-N-O7
SYN: COSCOPIN * GNOSCOPINE * NOSCAPINE * NSC-5366 * OPIAN
TOXICITY DATA AND REFERENCES:

1F12	ipr-rat LD50:750 mg/kg	APTOA6 6,235,50
*	orl-mus LD50:2784 mg/kg	APFRAD 15,640,57
*	scu-mus LD50:491 mg/kg	APFRAD 15,640,57
*	ivn-mus LD50:83 mg/kg	85GDA2 8(1),206,82
*	ivn-dog LDLo:73 mg/kg	CPBTAL 7,372,59

NARCOTINE see: RD2625000
1-alpha-NARCOTINE see: RD2625000

QN5605000 NARCOTINE, compd. with 7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYLMORPHINAN-3,6-alpha-DIOL and 3-HYDROXY-4-OXO-4H-PYRAN-2,6-DICARBOXYLIC ACID (1:1:1)
UPDT:8408 CAS: 6055-90-9 MW: 898.94 MOLFM: C22-H23-N-O7 .C17-H19-N-O3 .C7-H4-O7
SYN: MORPHINE NARCOTINE MECONATE * MORPHINE NOSCAPINE MECONATE * NARCOPHIN * NARCOPHINE * NARPHIN
TOXICITY DATA AND REFERENCES:

*	scu-mus LDLo:580 mg/kg	AEPPAE 197,636,41

1-alpha-NARCOTINE HYDROCHLORIDE see: NP7225000
NARCOTUSSIN see: RD2625000
NARCOZEP see: DF2385000
NARCYLEN see: AO9600000
NARDELZINE see: MV8750000
NARDIL see: MV8400000
NARDIL see: MV8750000
NARDOSTACHYS JATAMANSI OIL see: RI8000000
NARCOTINE, HYDROCHLORIDE (8CI) see: NP7225000
NAREA see: YT4550000
NAREMIDE see: SC1400000

QN6305000 NARENGA PORPHYROCOMA (Hance) Bor, extract excluding roots
DEF:Indian plant belonging to the family GRAMINEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1 gm/kg	IJEBA6 18,594,80

NARGOLINE see: KE6341000
NARGUNI EXTRACT (Indian) see: CJ4610000
NARIGIX see: QN2885000
NARI KA SAAG EXTRACT (Indian) see: NO2161000
NARINGENIN-7-beta-NEOHESPERIDOSIDE see: QN6340000

QN6340000 NARINGIN
UPDT:8305 CAS: 10236-47-2 MW: 580.59 MOLFM: C27-H32-O14
SYN: NARINGENIN-7-beta-NEOHESPERIDOSIDE * NARINGOSIDE
TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:2000 mg/kg	EKMMA8 19,207,80
*	ipr-gpg LD50:2000 mg/kg	EKMMA8 19,207,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NARINGOSIDE see: QN6340000
NARITHERACIN see: UY9100000
NARKOGEN see: KX4550000
NARKOLAN see: KM3500000
NARKOLAN see: KM3675000
NARKOSOID see: KX4550000
NARKOTIL see: PA8050000
NARLINGA EXTRACT (Indian) see: AY8932100
NARONE see: PB1300000
NARPHIN see: QN5605000 NARCOTINE, compd. with 7,8-DIDEHYDRO-4,5-alpha-EPOXY-17-METHYLMORPHINAN-3,6-alpha-DIOL and 3-HYDROXY-4-OXO-4H-PYRAN-2,6-DICARBOXYLIC ACID (1:1:1)
NARSIS see: DE9070000
NARTATE see: PB1300000
NARTRATE see: PB1300000
NARUBOTUKU, extract (Indian) see: KE9950000 ERIOLAENA QUINQUELOCULARIS Wight, extractexcluding roots
NASDOL see: XA3115000
NASHPATI EXTRACT (Indian) see: UZ0650000
NASIVIN see: SK1225000
NASIVINE see: SK1050000
NASOL see: KB0700000
NASTENON see: BV8060000
NASTURAN see: YR3400000

QN6911000 NASTURTIUM OFFICINALE R. Br., extract excluding roots
DEF:Indian plant belonging to the family CRUCIFERAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:1 gm/kg	IJEBA6 16,228,78

NASTYN see: YT2800000
NA TA see: AJ7875000
NATACYN see: TK3325000
NATAMYCIN see: TK3325000
NATAMYCIN see: TK3325000
NATASOL BLUE B SALT see: DD0875000
NATASOL FAST ORANGE GR SALT see: BY6650000
NATASOL FAST RED TR SALT see: XU5250000
NATCA see: AJ9100000
NATERETIN see: DK8225000
NATHULANE see: XS4725000
NAT-333 HYDROCHLORIDE see: RO0375000
NATICARDINA see: LW5950000
NATIONAL 120-1207 see: AK0920000
NATIONAL STARCH 1014 see: AK0920000
NATIVE CALCIUM SULFATE see: EW4150000
NATIVE LIGNIN see: OI6000000
NaATP see: AU7460000
NATRASCORB see: CI7650000
NATRASCORB see: CI7671000
NATRASCORB INJECTABLE see: CI7650000
NATREEN see: DE4200000
NATREEN see: GV7350000
NATRI-C see: CI7671000
NATRINAL see: CQ3850000
NATRIONEX see: AC8225000
NATRIPHENE see: DV7700000
NATRIUM see: VY0686000
NATRIUMACETAT (German) see: AJ4375000
NATRIUMALUMINIUMFLUORID (German) see: WA9625000
NATRIUMANTIMONYLTARTRAT (German) see: CC8050000
NATRIUMARSENIT (German) see: CG3850000
NATRIUMAZID (German) see: VY8050000
NATRIUMBARBITALS (German) see: CQ3850000
NATRIUMBIARSENAT see: CH9493500
NATRIUMBICHROMAAT (Dutch) see: HX7700000
NATRIUMCHLORAAT (Dutch) see: FO0525000
NATRIUMCHLORAT (German) see: FO0525000
NATRIUMCHLORID (German) see: VZ4725000
NATRIUMDEHYDROCHOLAT (German) see: FZ2500000
NATRIUMDICHROMAAT (Dutch) see: HX7700000
NATRIUMDICHROMAT (German) see: HX7700000
NATRIUM-2,4-DICHLORPHENOXYATHYLSULFAT (German) see: KK4900000
NATRIUM-3-alpha,12-alpha-DIHYDROXYCHOLANAT (German) see: FZ2250000
NATRIUM-2,3:4,6-DI-O-ISOPROPYLIDEN-2-KETO-L-GULONAT (German) see: MQ3570000
NATRIUMFLUORACETAAT (Dutch) see: AH9100000
NATRIUMFLUORACETAT (German) see: AH9100000
NATRIUM FLUORIDE see: WB0350000
NATRIUMGLUTAMINAT (German) see: MA1575000
NATRIUM HEXACYANOFERRAT DECAHYDRAT (German) see: WB2650000
NATRIUMHEXAFLUOROALUMINATE (German) see: WA9625000
NATRIUM-HUMAT (German) see: MT6550000
NATRIUMHYDROXID (German) see: WB4900000
NATRIUMHYDROXYDE (Dutch) see: WB4900000
NATRIUMJODAT (German) see: NN1400000
NATRIUMJODID (German) see: WB6475000
NATRIUMMALAT (German) see: ON7730000
NATRIUMMAZIDE (Dutch) see: VY8050000
NATRIUM-N-METHYL-DITHIOCARBAMAAT (Dutch) see: FC2100000
NATRIUM-N-METHYL-DITHIOCARBAMAT (German) see: FC2100000
NATRIUMMOLYBDAT (German) see: QA5075000
NATRIUMNICOTINAT (German) see: QT2060000
NATRIUMNITRAT und N-METHYLANILIN (German) see: BY6100000
NATRIUM NITRIT (German) see: RA1225000
NATRIUMPERCHLORAAT (Dutch) see: SC9800000
NATRIUMPERCHLORAT (German) see: SC9800000
NATRIUMPHOSPHAT (German) see: WC4500000
NATRIUMPYROPHOSPHAT see: UX7350000
NATRIUMRHODANID (German) see: XL2275000
NATRIUMSALZ der CAMPHERSAEUREMETHYLESTER (German) see: GY4212000
NATRIUMSALZ DER 2,2-DICHLORPROPIONSAURE see: UF1225000
NATRIUMSALZ der PHENYL-n-AMYLESTER der CAMPHERSAEURE (German) see: GY4213000
NATRIUMSELENIAT (German) see: VS6650000
NATRIUMSELENIT (German) see: VS7350000
NATRIUMSELENIT und alpha-TOKOPHEROLAZETAT (German) see: VS7460000
NATRIUMSULFAT (German) see: WE1650000
NATRIUMSULFIT (German) see: WE2150000
NATRIUMTRICHLORACETAAT (Dutch) see: AJ9100000
NATRIUMTRICHLORACETAT (German) see: AJ9100000
NATRIUMTRIPOLYPHOSPHAT (German) see: YK4900000
NATRIUMZYKLAMATE (German) see: GV7350000
NATRIURAN see: DB1556000
NATRIURETIC HORMONE (BOVINE PINEAL) see: RS7534500
NATULAN see: XS4550000
NATULAN see: XS4725000
NATULANAR see: XS4725000
NATULAN HYDROCHLORIDE see: XS4725000
NATURAL CALCIUM CARBONATE see: EV9580000
NATURAL GASOLINE (DOT) see: LX3300000
NATURAL IRON OXIDES see: NO7400000
NATURAL LEAD SULFIDE see: OG4550000
NATURAL RED OXIDE see: NO7400000
NATURAL RUBBER see: VL8020000
NATURAL WINTERGREEN OIL see: VO4725000
NATURETIN see: DK8225000
NATURINE see: DK8225000
NATYL see: KK7450000

NAUCAINE see: DG2275000
NAUGARD TKB see: JK0175000
NAUGARD TJB see: JJ9800000
NAUGATUCK 3168 see: AT6970000
NAUGATUCK C-912 see: WT3750000
NAUGATUCK C940 see: WT2977000
NAUGATUCK D-014 see: WT2900000
NAUGATUCK DET see: XS3675000
NAULI 'GUM' see: BZ8925000
NAURANZOL see: XF8225000
NAURAZOL see: XF8225000
NAUSEN see: KR6825000
NAUTAZINE see: TL6475000
NAVADEL see: TE3350000
NAVICALM see: TL1970000
NAVIDREX see: DK8750000
NAVIDRIX see: DK8750000
NAVRON see: AC1225000
NAXAMIDE see: RP6050000 1,3,2-OXAZAPHOSPHORINE, 3-(2-CHLOROETHYL)-2-((2-CHLOROETHYL)AMINO)TETRAHYDRO-, 2-OXIDE
NAXEN see: UF5275000
NAXOFEM see: QE7400000
NAXOGIN see: QE7400000
NAXOL see: GV7875000
NAXONATE see: ZE5100000
NAXONATE G see: ZE5100000
NAXONATE HYDROTROPE see: XT7350000
NB2S see: QJ6400000
NBBA see: ES4304000
NBD-C 1 see: DF8002400
NBD-CHLORIDE see: DF8002400
N-1386 BIOCIDE see: WR4920000
NBHA see: EL1225000
N.B. MECOPROP see: UE9750000
NBN see: RA0780000
NBS 706 see: WL6475000
NBT see: XK9450000
NC 150 see: US7875000
NC 150 see: US7700000
NC-262 see: TE1750000
N 714C see: XO1050000
NC 1493 see: FB9910000
NC-2962 see: TE0875000
NC 5016 see: DD6650000
NC6897 see: FC1140000
NC8438 see: PB1950000
NCE of H. INFLUENZAE see: JZ2674000
NCI 143-418 see: AB7525000
NCI 145-604 see: AH0525000
NCI-C00044 see: IO2100000
NCI-C00055 see: DG1925000
NCI-C00066 see: TE1925000
NCI-C00077 see: GW5075000
NCI-C00099 see: PB9800000
NCI-C00102 see: NT2600000
NCI-C00113 see: TC0350000
NCI-C00124 see: IO1750000
NCI-C00135 see: TE1750000
NCI-C00157 see: IO1575000
NCI C00168 see: TB9050000
NCI-C00180 see: PC0700000
NCI-C00191 see: PC8575000
NCI-C00204 see: GV4900000
NCI-C00215 see: WM8400000
NCI-C00226 see: TF4550000
NCI-C00237 see: TJ7525000
NCI-C00259 see: XW5250000
NCI-C00260 see: WH8575000
NCI-C00395 see: TE3350000
NCI-C00408 see: DD2275000
NCI-C00419 see: DA6650000
NCI-C00420 see: KN8400000
NCI-C00431 see: VN8575000
NCI-C00442 see: XU9275000
NCI-C00453 see: EZ5075000
NCI-C00464 see: KJ3325000
NCI-C00475 see: KI0700000
NCI-C00486 see: DC8400000
NCI-C00497 see: KJ3675000
NCI-C00500 see: TX8750000
NCI-C00511 see: KI0525000
NCI-C00522 see: KH9275000
NCI-C00533 see: PB6300000
NCI-C00544 see: FC0700000
NCI-C00555 see: KV9450000
NCI-C00566 see: RB9275000
NCI-C00588 see: TC2800000
NCI-C00599 see: PC8600000
NCI-C00920 see: KW2975000
NCI-C01445 see: AJ1070000
NCI-C01478 see: OE7875000
NCI-C01514 see: AV9800000
NCI-C01536 see: UQ0330000
NCI-C01547 see: UB6620000
NCI-C01558 see: AF5457000
NCI-C01569 see: XZ3017500
NCI-C01570 see: KG7300000
NCI-C01581 see: UP0750000
NCI-C01592 see: EK1750000
NCI-C01605 see: DK1800000
NCI-C01616 see: NI3930000
NCI-C01627 see: TL6400000
NCI-C01638 see: RP6050000
NCI-C01649 see: SZ2975000
NCI-C01661 see: DP3750000
NCI-C01672 see: US7875000
NCI-C01683 see: UV8140000
NCI-C01694 see: NS0350000
NCI-C01707 see: BY9625000
NCI-C01718 see: BY8925000
NCI-C01729 see: YN6130000
NCI-C01730 see: CB2450000
NCI-C01741 see: DU2100000
NCI-C01752 see: YS6650000
NCI-C01763 see: YS4550000
NCI-C01785 see: UQ2275000
NCI-C01810 see: XS4725000
NCI-C01821 see: BX7175000
NCI-C01832 see: XT0524000
NCI-C01843 see: XU8225000
NCI-C01854 see: MW2625000
NCI-C01865 see: XT1575000
NCI-C01876 see: CB5120000
NCI-C01887 see: AD8575000
NCI-C01901 see: CB5740000
NCI-C01912 see: DD9800000
NCI-C01923 see: CB7920000
NCI-C01934 see: BZ7175000
NCI-C01945 see: CB3675000
NCI-C01956 see: QJ9720000
NCI-C01967 see: AB1060000
NCI-C01978 see: AM4550000
NCI-C01989 see: ST2705000
NCI-C01990 see: BY5250000
NCI-C02006 see: DJ0250000
NCI-C02017 see: YU1400000
NCI-C02028 see: WH6880000
NCI-C02039 see: BX0700000
NCI-C02040 see: XU5111000
NCI-C02051 see: XU5075000
NCI-C02073 see: YT2275000
NCI-C02084 see: RA1225000
NCI-C02108 see: AB4025000
NCI-C02119 see: YR6250000
NCI-C02120 see: CF1936000
NCI-C02131 see: YS3675000
NCI-C02175 see: NQ8800000
NCI-C02186 see: YU4900000
NCI-C02200 see: WL3675000
NCI-C02200 mixed with NCI-C02211 see: WL5500000
NCI-C02211 mixed with NCI-C02200 see: WL5500000
NCI-C02222 see: ST3000000
NCI-C02233 see: ST3150000
NCI-C02244 see: JK0175000
NCI-C02255 see: BX4575000
NCI-C02299 see: BZ0520000
NCI-C02302 see: XS9625000
NCI-C02335 see: XU7350000
NCI-C02368 see: XU5250000
NCI-C02551 see: EV1925000
NCI-C02653 see: SM0700000
NCI-C02664 see: TQ1360000
NCI-C02686 see: FS9100000
NCI-C02697 see: DG0935000
NCI-C02711 see: EV3150000
NCI-C02722 see: XP8700000
NCI-C02733 see: EV6475000
NCI-C02766 see: AJ0175000
NCI-C02799 see: LP8925000
NCI-C02813 see: XS8050000
NCI-C02824 see: DA5775000
NCI C02835 see: EZ6475000
NCI-C02846 see: YS6300000
NCI-C02857 see: WY2950000
NCI-C02868 see: KH5790000
NCI-C02880 see: JJ9800000
NCI-C02891 see: OF8850000
NCI-C02904 see: SN1575000
NCI-C02915 see: QM4550000
NCI-C02926 see: CN1400000
NCI-C02937 see: GS6000000
NCI-C02959 see: JO1225000
NCI-C02960 see: BP5250000
NCI-C02971 see: TG0175000
NCI-C02982 see: BZ6720000
NCI-C02993 see: BZ6730000
NCI-C03009 see: EC1460000
NCI-C03010 see: CZ1750000
NCI-C03021 see: QJ3400000
NCI-C03032 see: BZ9625000
NCI-C03043 see: FE3675000
NCI-C03054 see: MU0700000
NCI-C03065 see: XJ2800000
NCI-C03076 see: UF6220000
NCI-C03134 see: KQ6300000
NCI-C03167 see: LZ5775000
NCI-C03190 see: PB1081000
NCI-C03247 see: YR7350000
NCI-C03258 see: NC4725000
NCI-C03269 see: AK4580000
NCI-C03270 see: UB0350000
NCI-C03281 see: KV5330000
NCI-C03292 see: SS8850000
NCI-C03305 see: SS8800000
NCI-C03316 see: SS9000000
NCI-C03327 see: YT4400000
NCI-C03361 see: DC9625000
NCI-C03372 see: NI9625000
NCI-C03474 see: UO8925000
NCI-C03485 see: ES7525000
NCI-C02510 see: CB2725000
NCI-C03521 see: DM1225000
NCI-C03554 see: KI8575000
NCI-C03565 see: HO7030000
NCI-C03598 see: GO7875000
NCI-C03601 see: TI3150000
NCI-C03612 see: CZ2200000
NCI-C03656 see: HP3090000

NCI-C03667 see: HP3100000
NCI-C03678 see: HP3350000
NCI-C03689 see: JG8225000
NCI-C03703 see: HP3315000
NCI-C03714 see: HP3500000
NCI-C03736 see: CY0875000
NCI-C03736 see: BW6650000
NCI-C03747 see: BZ6500000
NCI-C03758 see: BZ6600000
NCI-C03770 see: AE1050000
NCI-C03781 see: TC8225000
NCI-C03792 see: YT3500000
NCI-C03805 see: YS2975000
NCI-C03816 see: YS9800000
NCI-C03827 see: WM9625000
NCI-C03838 see: US7000000
NCI-C03849 see: PB2250000
NCI-C03850 see: DK4900000
NCI-C03861 see: FZ2275000
NCI-C03907 see: US6825000
NCI-C03918 see: CW3850000
NCI-C03930 see: ST0350000
NCI-C03941 see: ST2975000
NCI-C03952 see: UQ9625000
NCI-C03963 see: SJ6303000
NCI-C03974 see: AH5275000
NCI-C03974 see: AH5250000
NCI-C03985 see: UC8310000
NCI-C04035 see: AB5250000
NCI-C04126 see: RQ7525000
NCI-C04137 see: AR9063000
NCI-C04159 see: SS8500000
NCI-C04240 see: XR2275000
NCI-C04251 see: XR1700000
NCI-C04273 see: GB6262000
NCI-C04502 see: XR2050000
NCI-C04524 see: YS9300000
NCI-C04535 see: KI0175000
NCI-C04546 see: KX4550000
NCI-C04557 see: XM9100000
NCI-C04568 see: PE7000000
NCI-C04579 see: KJ3150000
NCI-C04580 see: KX3850000
NCI-C04591 see: FF6650000
NCI-C04604 see: KI4025000
NCI-C04615 see: UC7350000
NCI-C04626 see: KJ2975000
NCI-C04637 see: PB6125000
NCI-C04671 see: MA1225000
NCI-C04682 see: AU1575000
NCI-C04693 see: HB7875000
NCI-C04706 see: CN0700000
NCI-C04717 see: NI3950000
NCI-C04728 see: HA5425000
NCI-C04739 see: MU7700000
NCI-C04740 see: YS4900000
NCI-C04762 see: OP2800000
NCI-C04773 see: YS2625000
NCI-C04784 see: UO8985000
NCI-C04795 see: LW5425000
NCI-C04819 see: XZ4535000
NCI-C04820 see: YQ8925000
NCI-C04831 see: YT4900000
NCI-C04842 see: YY6050000
NCI-C04853 see: AY3675000
NCI-C04864 see: OH6300000
NCI-C04875 see: MA1250000
NCI-C04886 see: UO9800000
NCI-C04897 see: TU4154100
NCI-C04900 see: RP5950000
NCI-C04922 see: RP5945000
NCI-C04933 see: KH7880000
NCI-C04944 see: AY3600000
NCI-C04955 see: YS5000000
NCI-C05210 see: SO1750000
NCI-C05970 see: VG9625000
NCI-C06008 see: WW2710000
NCI-C06111 see: DN3150000
NCI-C06155 see: EJ6300000
NCI-C06224 see: KH7525000
NCI-C06360 see: XS8925000
NCI-C06428 see: PC8225000
NCI-C06462 see: VY8050000
NCI-C06508 see: AF5075000
NCI C07103 see: GN4200000
NCI-C07272 see: XS5250000
NCI-C08628 see: WM8410000
NCI-C08640 see: UE2275000
NCI-C08651 see: TF9625000
NCI-C08662 see: GN6300000
NCI-C08673 see: TF3325000
NCI-C08684 see: XY7175000
NCI-C08695 see: YT1575000
NCI-C08899 see: MA1284000
NCI C08991 see: CI6475000
NCI-C50000 see: OT0525000
NCI-C50011 see: DI1590000
NCI-C50022 see: WO9100000
NCI-C50033 see: VT0525000
NCI-C50044 see: KN1750000
NCI-C50055 see: WZ1225000
NCI-C50077 see: UC6740000
NCI-C50088 see: KX2450000
NCI-C50099 see: TZ2975000
NCI-C50102 see: PA8050000
NCI-C50124 see: SJ3325000
NCI-C50135 see: KK0875000
NCI-C50146 see: BY7900000
NCI-C50157 see: ZG0350000
NCI-C50168 see: GN2815000
NCI-C50191 see: WT1050000
NCI-C50204 see: MP0700000
NCI-C50226 see: DM2550000
NCI-C50259 see: OS1050000
NCI-C50260 see: SS9175000
NCI-C50282 see: DU9649000
NCI-C50317 see: XT0370000
NCI-C50351 see: DV5775000
NCI-C50362 see: OP206000
NCI-C50384 see: AT0700000
NCI-C50395 see: MG0185000
NCI-C50419 see: OJ8690000
NCI-C50442 see: ZH0525000
NCI-C50453 see: SJ4375000
NCI-C50464 see: NX8225000
NCI-C50475 see: AW7950000
NCI-C50533 see: CZ6300000
NCI-C50544 see: MG8325000
NCI-C50602 see: EI9275000
NCI-C50613 see: YQ2293000
NCI-C50635 see: SL6300000
NCI-C50646 see: CM3675000
NCI-C50657 see: CZ4200000
NCI-C50668 see: NQ9350000
NCI-C50680 see: OZ5075000
NCI-C50715 see: OS0700000
NCI-C50737 see: AS4750000
NCI-C50748 see: CE5945000
NCI-C52459 see: KI8450000
NCI-C52733 see: TI0350000
NCI-C52904 see: QJ0525000
NCI-C53543 see: FY2280000
NCI-C53587 see: RV0450000
NCI-C53634 see: DV5330000
NCI-C53781 see: AC3662000
NCI-C53792 see: DB5500000
NCI-C53838 see: QJ6500000
NCI-C53849 see: QK1925000
NCI-C53894 see: KI6300000
NCI-C53907 see: QK2450000
NCI-C53929 see: QL4900000
NCI-C54262 see: KV9275000
NCI-C54364 see: MG1017000
NCI-C54375 see: TH9990000
NCI-C54386 see: AU9700000
NCI-C54546 see: VT2480000
NCI-C54557 see: QJ6160000
NCI-C54568 see: GL7375000
NCI-C54579 see: QJ6400000
NCI-C54604 see: BY5426000
NCI-C54626 see: QA4660000
NCI-C54659 see: GE4518000
NCI-C54660 see: UR6000000
NCI-C54706 see: LM5425000
NCI-C54717 see: NY1412000
NCI-C54728 see: RG5920000
NCI-C54739 see: CX9850000
NCI-C54740 see: SZ9660000
NCI-C54751 see: MP0770000
NCI-C54762 see: SZ9120000
NCI-C54773 see: SZ7710000
NCI-C54795 see: HZ1770000
NCI-C54808 see: CI7650000
NCI-C54819 see: UC8045000
NCI-C54820 see: UC8050000
NCI-C54831 see: TA0700000
NCI-C54842 see: TX6475000
NCI-C54853 see: KK8050000
NCI-C54875 see: JR5955000
NCI-C54886 see: CZ0175000
NCI-C54897 see: KL2880000
NCI-C54900 see: CB0540000
NCI-C54911 see: DB5042500
NCI-C54922 see: KJ6500000
NCI-C54933 see: SM6300000
NCI-C54944 see: CZ4500000
NCI-C54955 see: CZ4550000
NCI-C54966 see: VH1050000
NCI-C54977 see: CZ9625000
NCI-C54988 see: TP4550000
NCI-C54999 see: GW6650000
NCI-C55005 see: GW1050000
NCI-C55050 see: TA2570000
NCI-C55061 see: TA2450000
NCI-C55072 see: RB9000000
NCI-C55107 see: AM6300000
NCI-C55118 see: OO3675000
NCI-C55129 see: JR6650000
NCI-C55130 see: PB5600000
NCI-C55141 see: TX9625000
NCI-C55152 see: CC5650000
NCI-C55163 see: FI4100000
NCI-C55174 see: KL2975000
NCI-C55185 see: LY9148000
NCI-C55196 see: MU2800000
NCI-C55209 see: RO2450000
NCI-C55210 see: DJ2800000
NCI-C55221 see: WB0350000
NCI-C55232 see: ZE2100000
NCI-C55243 see: PA5310000
NCI-C55254 see: PA6360000
NCI-C55265 see: US6475000
NCI-C55276 see: CY1400000
NCI-C55287 see: KN3525000
NCI-C55298 see: VC4200000
NCI-C55301 see: UR8400000
NCI-C55312 see: GG6200000
NCI-C55323 see: JR1925000

NCI-C55334 see: RK0880000
NCI-C55345 see: SK8575000
NCI-C55367 see: EO1925000
NCI-C55378 see: SM6300000
NCI-C55403 see: ZE5100000
NCI-C55425 see: MA2450000
NCI-C55436 see: UB0175000
NCI-C55447 see: EL9450000
NCI-C55458 see: CB5500000
NCI-C55469 see: JI1800000
NCI-C55470 see: ZC9750000
NCI-C55481 see: KH6475000
NCI-C55492 see: CY9000000
NCI-C55516 see: TY3195500
NCI-C55527 see: EK3675000
NCI-C55538 see: ML9450000
NCI-C55549 see: UB4375000
NCI-C55550 see: UT1400000
NCI-C55561 see: QI9100000
NCI-C55572 see: GW6360000
NCI-C55583 see: KL9550000
NCI-C55594 see: FC2450000
NCI-C55607 see: GY1225000
NCI-C55618 see: GW7700000
NCI-C55630 see: DO1925000
NCI-C55641 see: DO7525000
NCI-C55652 see: KB2625000
NCI-C55663 see: DO3150000
NCI-C55674 see: KF5790000
NCI-C55685 see: DO9275000
NCI-C55696 see: WN0875000
NCI-C55709 see: AB6825000
NCI-C55710 see: SI1750000
NCI-C55721 see: AY5950000
NCI-C55743 see: RZ2620000
NCI-C55754 see: TC9550000
NCI-C55765 see: MU1050000
NCI-C55776 see: TP2450000
NCI-C55787 see: VH1575000
NCI-C55798 see: SM8380000
NCI-C55801 see: AE4200000
NCI-C55812 see: GN7792000
NCI-C55823 see: LY8990000
NCI-C55834 see: MX3500000
NCI-C55845 see: DK2625000
NCI-C55856 see: UX1050000
NCI-C55867 see: OS8575000
NCI-C55878 see: LU3500000
NCI-C55889 see: MH7875000
NCI-C55890 see: MW5775000
NCI-C55903 see: LV1400000
NCI-C55925 see: DK9100000
NCI-C55936 see: CB2625000
NCI-C55947 see: PB4025000
NCI-C55958 see: SJ6300000
NCI-C55969 see: BO9000000
NCI C55970 see: SJ6302500
NCI-C55981 see: LQ1040000
NCI-C55992 see: SM2275000
NCI-C56019 see: SJ7787000
NCI-C56031 see: KV9360000
NCI C56042 see: UO3470000
NCI-C56064 see: LT7700000
NCI-C56075 see: KR7000000
NCI-C56086 see: XH8425000
NCI-C56097 see: DG9400000
NCI-C56100 see: XH9425000
NCI-C56111 see: GD6475000
NCI-C56122 see: DH0175000
NCI-C56133 see: CU4375000
NCI-C56144 see: NL3500000
NCI-C56155 see: XU0175000
NCI-C56166 see: DF6423800
NCI C56177 see: LT7000000
NCI-C56188 see: ZE9275000
NCI-C56199 see: QN2885000
NCI-C56202 see: LT8524000
NCI-C56213 see: AH1350000
NCI-C56224 see: LU9100000
NCI-C56235 see: FB3325000
NCI-C56246 see: VA4725000
NCI-C56257 see: BP8249200
NCI-C56279 see: GP9625000
NCI-C56280 see: TM3675000
NCI-C56291 see: ES2275000
NCI-C56304 see: ST2650000
NCI-C56315 see: ST1100000
NCI-C56326 see: AB1925000
NCI-C56337 see: SS8400000
NCI-C56348 see: RG5075000
NCI-C56359 see: NW8575000
NCI-C56360 see: UV9100000
NCI-C56382 see: IA2100000
NCI-C56393 see: DA0700000
NCI-C56406 see: WL5075000
NCI-C56417 see: ED4550000
NCI-C56428 see: BX4725000
NCI-C56439 see: TZ3500000
NCI-C56440 see: UC2450000
NCI-C56451 see: TR7875000
NCI-C56473 see: QI7875000
NCI-C56484 see: RI8225000
NCI-C56508 see: CY5250000
NCI-C56519 see: DL6475000
NCI-C56520 see: BZ8820000
NCI-C56531 see: UQ8225000
NCI-C56542 see: XZ1912000
NCI-C56553 see: RA0780000
NCI-C56564 see: RA8530000
NCI-C56575 see: OS9275000
NCI-C56586 see: AY4375000
NCI-C56597 see: WN6500000
NCI-C56600 see: WO9275000
NCI-C56611 see: HP5295200
NCI-C56633 see: DC2050000
NCI-C56644 see: YN7000000
NCI-C56655 see: SM6300000
NCI-C56666 see: RR0875000
NCI-C60015 see: GS3777000
NCI-C60026 see: SK7600000
NCI-C60048 see: TI1050000
NCI-C60060 see: NC3850000
NCI-C60066 see: NC3800000
NCI-C60071 see: PA2625000
NCI-C60082 see: DA6475000
NCI-C60106 see: LK8750000
NCI-C60117 see: WY2625000
NCI-C60128 see: KK2450000
NCI-C60139 see: RN8640000
NCI-C60162 see: WJ6603000
NCI-C60173 see: OV9100000
NCI-C60184 see: RT3500000
NCI-C60195 see: AY7533000
NCI-C60208 see: KW0560000
NCI-C60219 see: SY5600000
NCI-C60220 see: TZ9275000
NCI-C60231 see: AF8575000
NCI-C60242 see: DH7700000
NCI-C60286 see: WG2932500
NCI-C60311 see: GF8750000
NCI-C60322 see: NJ0607000
NCI-C60333 see: AS3600000
NCI-C60355 see: BX1575000
NCI-C60366 see: QK4247000
NCI-C60377 see: QJ1897000
NCI-C60388 see: BZ8790000
NCI-C60399 see: OV4550000
NCI-C60402 see: KH8575000
NCI-C60413 see: DD2275000
NCI-C60537 see: XT3325000
NCI-C60559 see: US7350000
NCI-C60560 see: LU5950000
NCI-C60571 see: MN9275000
NCI-C60582 see: TR8160000
NCI-C60582 see: TR8170000
NCI-C60582 see: TR8180000
NCI-C60582 see: TR8250000
NCI-C60582 see: TR8350000
NCI-C60582 see: TR8360000
NCI C60582 see: TR8370000
NCI-C60606 see: WX0175000
NCI-C60628 see: SN0525000
NCI-C60639 see: XH5082000
NCI-C60640 see: UT1575000
NCI-C60651 see: UT0875000
NCI-C60662 see: US2800000
NCI-C60673 see: SO6825000
NCI C60684 see: US9250000
NCI-C60708 see: UV8575000
NCI-C60719 see: KV1915000
NCI-C60720 see: SP2975000
NCI-C60742 see: CB6700000
NCI-C60753 see: BX9100000
NCI-C60786 see: BY7000000
NCI-C60797 see: KV0350000
NCI-C60811 see: ZH7700000
NCI-C60822 see: AL7700000
NCI-C60844 see: BW9303000
NCI-C60866 see: EK6300000
NCI C60877 see: GS2169000
NCI-C60888 see: GD0197800
NCI-C60899 see: FF9800000
NCI-C60902 see: VB4900000
NCI-C60913 see: LQ2100000
NCI-C60924 see: MF0875000
NCI-C60935 see: JR3155000
NCI-C60946 see: BZ8225000
NCI-C60957 see: DJ1575000
NCI-C60968 see: NQ4025000
NCI-C60979 see: SL7875000
NCI-C60980 see: DE1050000
NCI-C61018 see: RA5700000
NCI-C61029 see: UE0350000
NCI-C61041 see: TD0175000
NCI-C61052 see: RA0805000
NCI-C61074 see: CQ8750000
NCI-C61074 see: CQ8751000
NCI C61096 see: QJ6475500
NCI-C61109 see: QJ6430000
NCI-C61132 see: EJ3645000
NCI C61143 see: OP1050000
NCI-C61165 see: VT5978020
NCI-C61176 see: CF9625000
NCI-C61187 see: SN1400000
NCI C61198 see: YO7250000
NCI-C61201 see: GO7175000
NCI C61289 see: QJ6475000
NCI C61290 see: QJ6420000
NCI-C61392 see: DU2988400
NCI-C61405 see: MO1180000
NCI-C61494 see: BO7175000
NCI-C61632 see: CU8460000
NCI-C61585 see: TI3450000
NaCM-CELLULOSE SALT see: FJ5950000
NCP see: TM6468100
NCS see: QO6780000
NCS 529860 see: MA1247500
ND1 see: BT2550000

ND 8 see: YD0120000
ND-12 see: BT0370000
2NDB see: ST3000000
4NDB see: ST2975000
NDBA see: EJ4025000
NDC 0002-1452-01 see: YY8050000
NDC 0015-3010 see: EC5988000
NDC 0082-4155 see: HB7878000
NDC 38242-874 see: AV9800000
NDD see: DF1750000
NDEA see: IA3500000
NDELA see: KL9550000
Na-DESOXYCHOLAT (German) see: FZ2250000
NDFDA see: HD9900000
NDHU see: MX9280000
NDMA see: IQ0525000
NDMA see: BX7175000
NDMI see: CL6900000
NDMU see: YT0350000
NDPA see: JL9700000
NDPA see: JJ9800000
NDPEA see: TY6817500 1,2-PROPANEDIOL, 3-((2-HYDROXYETHYL)NITROSAMINO)-
NDPhA see: JJ9800000
NDR-5998A HYDROCHLORIDE see: RO0375000
NDRC-143 see: GZ1255000
NE see: RC8973000
NEA see: BY0480000
NEANTINE see: TI1050000
NEARGAL see: TM7810000
NEASINA see: WO9275000
NEATHALIDE see: QJ9100000
NEAT OIL of SWEET ORANGE see: RI8600000
NEAUFATIN see: TI4375000
NEAZINA see: WO9275000
NEAZINE see: WP1925000
NEAZOLIN see: WO9100000
NEBCIN see: WK2110000
NEBERK see: YR0450000

QO2672000 NEBRAMYCIN
UPDT:8402 CAS: 11048-13-8
SYN: TENEBRIMYCIN * TENEMYCIN

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1250 mg/kg	85ERAY 1,725,78
*	scu-mus LD50:1500 mg/kg	85ERAY 1,725,78
*	ivn-mus LD50:300 mg/kg	85ERAY 1,725,78

NEBRAMYCIN FACTOR 2 see: WK1970000
NEBRAMYCIN FACTOR 6 see: WK2100000
NEBRAMYCIN II see: WK1970000
NEBULARINE see: UO9100000
NEBULARIN(E) see: UO9100000
NEBUREA see: YS3810000
NEBUREX see: YS3810000
NEBURON see: YS3810000
NECARBOXYLIC ACID see: GZ1925000

QO2739000 NECATORIN
DEF:Aqueous extract of the mushroom LACTARIUS NECATOR (MUREAV 121,103,83)
UPDT:8402

MUTATION DATA AND REFERENCES:

mmo-sat 100 ng/plate	MUREAV 121,103,83
mma-sat 100 ng/plate	MUREAV 121,103,83

NECATORINA see: FG4900000
NECATORINE see: FG4900000
NECCANOL SW see: DB6825000
NECTADON see: RD2625000
NECTADON HYDROCHLORIDE see: NP7225000
NEDCARDOL see: XF8225000
NEDCIDOL see: TF3325000
NEDUNAR EXTRACT (Indian) see: BC9458000
NEE see: RC8973000
NEEDLE ANTIMONY see: CC9450000
NEFCO see: LT7700000
NEFOPAM HYDROCHLORIDE see: DM4200000
NEFRECIL see: US7875000
NEFRIX see: DK9100000
NEFTIN see: RQ3675000
NEFURTHIAZOLE see: LQ9275000
NEFUSAN see: XI2800000
NEGALIP see: UE9480000
NEGANOX DLTP see: UF8000000
NEGGRAM see: QN2885000
NEGRAM see: QN2885000
NEGUVON see: TA0700000
NEGUVON A see: TA0700000
NEIRINE see: BT3850000

QO2999000 NEKAL BA-77
UPDT:8309 CAS: 63704-79-0
SYN: BA-77

TOXICITY DATA AND REFERENCES:

*	orl-mam LD50:1350 mg/kg	FMCHA2 -,C166,83
*	skn-mam LD50:4200 mg/kg	FMCHA2 -,C166,83

QO2999100 NEKAL BX-78
UPDT:8309 CAS: 37330-97-5
SYN: BX-78

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1500 mg/kg	FMCHA2 -,C166,83
*	orl-gpg LD50:1500 mg/kg	FMCHA2 -,C166,83

NEKAL WT-27 see: WN0525000
NEKLACID AZORUBINE W see: QK1925000
NEKLACID FAST LIGHT ORANGE GG see: QJ6500000
NEKLACID FAST ORANGE 2G see: QJ6500000
NEKLACID ORANGE 1 see: DB7085000
NEKLACID ORANGE II see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
NEKLACID RED A see: QJ6550000
NEKLACID RED 3R see: QJ6530000
NEKLACID RED 4R see: QJ6530000
NEKLACID RED RR see: QJ6825000
NEKLACID RUBINE W see: QK1925000
NEKLACID YELLOW T see: UQ6400000

NEKTROHAN see: UR0785000
NELBON see: DF2450000
NELIPRAMIN see: HO1575000
NELLITE see: TD2800000
NEM see: UX9625000
NEMA see: KR9200000
NEMA see: KX3850000
NEMABROM see: TX8750000
NEMACIDE see: TF0350000
NEMACIDE VC-13 see: TF0350000
NEMACUR see: TB3675000
NEMACUR P see: TB3675000
NEMAFENE see: TX9800000
NEMAFOS see: TF5775000
NEMAFUME see: TX8750000
NEMAGON see: TX8750000
NEMAGON 20 see: TX8750000
NEMAGON 90 see: TX8750000
NEMAGON 206 see: TX8750000
NEMAGONE see: TX8750000
NEMAGON 20G see: TX8750000
NEMAGON SOIL FUMIGANT see: TX8750000

QO4930000 NEMALITE
UPDT:8401 CAS: 1317-43-7 MW: 58.33 MOLFM: H2-Mg-O2
SYN: BRUCITE * NEMALITH (German)

TUMORIGENIC DATA AND REFERENCES:

2V01V10	ipr-rat TDLo:450 mg/kg/3W-I	ZHPMAT 162,467,76
2V02J60	ipl-rat TDLo:200 mg/kg	BJCAAI 28,173,73
2V02K60	ipr-rat TD :450 mg/kg/4W-I	NATWAY 59,318,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NEMALITH (German) see: QO4930000
NEMANAX see: TX8750000
NEMAPAN see: DE0700000
NEMAPAZ see: TX8750000
NEMAPHOS see: TF5775000
NEMASET see: TX8750000
NEM-A-TAK see: NJ6490000
NEMATOCIDE see: TF5775000
NEMATOCIDE see: TX8750000
NEMATOLYT see: RU4950000
NEMATOX see: TX8750000
NEMAZENE see: SN5075000
NEMAZINE see: SN5075000
NEMAZON see: TX8750000
NEMBUSEN see: TZ1225000
NEMBU-SERPIN see: ZG0350000
NEMBUTAL see: CQ5775000
NEMBUTAL see: CQ6125000
NEMBUTAL SODIUM see: CQ6125000
NEMEROL see: NS5775000
NEMICIDE see: NJ5960000
NEMISPOR see: ZB3200000
NENDRIN see: IO1575000
NENESIN see: YS2975000
NEO see: TI4375000
NEOABIETIC ACID see: TP8740000
NEOANTERGAN see: UT0875000
NEOANTERGAN MALEATE see: UT1225000
NEOANTIMOSAN see: CC2850000
NEO-ANTITENSOL see: ZG0350000
NEO-ANTITERSOL see: ZG0350000
NEOARSOLUIN see: WS3680000
NEOARSPHENAMINE see: WS3680000
NEO-ASOZIN see: LJ9700000
NEOASYCODILE see: PA2275000
NEO-ATOMID see: UE9480000
NEO-ATROMID see: UE9480000
NEO-AVAGAL see: YM3675000
NEOBAN see: FD7700000
NEOBAR see: CR0600000
NEOBARENE see: HS9290000
NEOBIOTIC see: QP4375000
NEOBOR see: VZ2275000
NEOBRIDAL see: UT0875000
NEOCAINE see: DG2100000
NEOCAINE see: DG2275000
NEOCAINE HYDROCHLORIDE see: DG3329000
NEO-CALMA see: KK2275000
NEOCARBORANE see: HS9290000
NEOCARCINOSTATIN see: QO6780000
NEOCARDOL see: XF8225000
NEOCARIL see: AT6970000

QO6780000 NEOCARZINOSTATIN
UPDT:8412 CAS: 9014-02-2
SYN: NCS * NEOCARCINOSTATIN * NEOCARZINOSTATIN K * NSC 69856 * ZINOSTATIN

MUTATION DATA AND REFERENCES:

mmo-sat 10 ug/plate	URLRA5 7,119,79
mmo-esc 500 ug/plate	MUREAV 56,91,77
dnr-esc 10 mg/plate	MUREAV 56,91,77
dnd-esc 1900 nmol/L	CNREA8 39,3768,79
pic-esc 100 ng/plate	CNREA8 43,2819,83
dnd-bcs 50 mg/L	JANTAJ 28,229,75
dnd-omi 13600 ug/L	AEZRA2 16,239,78
dnd-omi 500 ug/L	BBACAQ 119,46,66
dnd-omi 500 ug/L	MOPMA3 17,388,80
dnd-omi 10 umol/L	CNREA8 42,1555,82
dnd-omi 100 mg/L	PNASA6 75,3603,78
dni-omi 5 ug/L	BBACAQ 119,46,66
dni-omi 13600 ug/L	AEZRA2 16,239,78
mmo-smc 1 mg/L	MUREAV 104,87,82
dni-ofs:spr 70 mg/L	CNREA8 39,3768,79
dnd-hmn:hla 50 ug/L	CNREA8 40,2405,80
dnd-hmn:fbr 200 ug/L	CRNGDP 4,917,83
dns-hmn:hla 20 ug/L	BBACAQ 520,481,78
dns-hmn:fbr 5 mg/L	CRNGDP 3,815,82
dni-hmn:hla 5 mg/L	JJANAX 30(Suppl),93,77
dni-hmn:lym 10 mg/L	MUREAV 112,119,83
dni-hmn:fbr 200 ug/L	CRNGDP 4,917,83

dni-hmn:leu 2 mg/L CNREA8 37,3731,77
oms-hmn:hla 100 ug/L JJANAX 30(Suppl),91,77
cyt hmn:fbr 50 mg/L CNREA8 42,4584,82
dnd-rat-ivn 10 mg/kg BCPCA6 25,789,76
dnd-rat:lvr 2 mg/L BCPCA6 25,789,76
bfa-rat/sat 100 mg/kg URLRA5 7,119,79
dnd-mus:leu 2 mg/L GANNA2 65,459,74
dni-mus:ast 500 ug/L CNREA8 34,3341,74
dns-mus:leu 2 mg/L GANNA2 65,459,74
dns-ham:ovr 300 ug/L CNREA8 44,1748,84
dni-ham:ovr 50 mg/L NATUAS 254,245,75
cyt-ham:ovr 10 ug/L ENMUDM 2,455,80
msc-ham:ovr 10 ug/L ENMUDM 5,387,83
dnd-mam:lym 100 mg/L GANNA2 65,459,74

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:2800 ug/kg NIIRDN 6,555,82
* scu-rat LD50:5600 ug/kg NIIRDN 6,555,82
* ivn-rat LD50:830 ug/kg JANTAJ 28,64,75
3F07F15R21 orl-mus LD50:1050 mg/kg JANTAJ 28,64,75
2K04P27 inr-mus LD50:1720 ug/kg JANTAJ 31,468,78
* . .u-mus LD50:7690 ug/kg NIIRDN 6,555,82
3F07F15R21 ivn-mus LD50:960 ug/kg JANTAJ 28,64,75
* ivn-rbt LD50:900 ug/kg JANTAJ 28,64,75

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

Q06785000 NEOCARZINOSTATIN, compd. with AGAROSE
UPDT 8406
SYN: AGAROSE-NEOCARZINOSTATIN

MUTATION DATA AND REFERENCES:
dni-hmn:leu 2 mg/L CNREA8 37,3731,77

NEOCARZINOSTATIN K see: QO6780000
NEOCHIN see: VB.?60000

Q06800000 NEOCHROMIUM
UPDT 8401 CAS: 64093-79-4 MW: 165.07 MOLFM: Cr-H-O5-S
SYN: BASIC CHROMIC SULFATE * BASIC CHROMIC SULPHATE * BASIC CHROMIUM SULFATE * BASIC CHROMIUM SULPHATE * CHROMIUM HYDROXIDE SULFATE * CHROMIUM SULFATE * CHROMIUM SULFATE, BASIC * CHROMIUM SULPHATE * KOREON * MONOBASIC CHROMIUM SULFATE * MONOBASIC CHROMIUM SULPHATE * SULFURIC ACID, CHROMIUM SALT BASIC

MUTATION DATA AND REFERENCES:
oms-hmn:oth 500 mg/L BJCAAI 44,219,81
cyt-hmn:oth 500 mg/L BJCAAI 44,219,81
dni-ham:kdy 500 mg/L BJCAAI 44,219,81
oms-ham:kdy 500 mg/L BJCAAI 44,219,81
cyt-ham:ovr 5 mg/L BJCAAI 44,219,81

TUMORIGENIC DATA AND REFERENCES:
2V02V16 scu-rat TDLo:135 mg/kg ANYAA9 271,431,76
2V03V10 scu-rat TD :135 mg/kg PBPHAW 14,47,78

REVIEW AND REFERENCES:
★ TLV-TWA 500 ug(Cr)/m3 DTLVS* 4,98,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Cr)/m3 FEREAC 39,23540,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NEOCID see: KJ3325000
NEOCIDOL see: TF3325000
NEOCOCCYL see: WO8400000
NEO-CODEMA see: DK9100000
NEOCOMPENSAN see: TR8370000
NEO-COROVAS see: RZ2620000
NEOCROSEDIN see: YT2800000
NEO-CULTOL see: PY8030000
NEOCYCLINE see: QI8750000
NEOCYCLOHEXIMIDE see: MA4375000
NEODALIT see: HP2625000
NEODECADRON see: TU4055000

QO7750000 NEODECANOIC ACID
UPDT 8309 CAS: 26896-20-8 MW: 172.30 MOLFM: C10-H20-O2
SYN: WILTZ-65

TOXICITY DATA AND REFERENCES:
* orl-mam LD50:3400 mg/kg FMCHA2 -,C256,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NEODELPREGNIN see: TU4140000
NEO-DEMA see: DK9450000
NEO-DEVOMIT see: TL6475000
NEODICOUMARIN see: AF5775000
NEODICOUMAROL see: AF5775000
NEODICUMARINUM see: AF5775000
NEODICUMAROL see: AF5775000
NEODIKUMARIN see: AF5775000
NEODORM see: CQ5775000
NEODORM (NEW) see: CQ5775000
NEODRENAL see: DO1750000
NEODRINE see: SH5075000
NEODROL see: BV8052000
NEODURABOLIN see: RC8961100
NEODYMIUM LACTATE see: OD5730000
NERACID see: GW5075000
NEODYMIUM PROPIONATE see: UF6200000
NEODYMLACTAT (German) see: OD5730000
NEODYMPROPIONAT (German) see: UF6200000
NEO-EPININE see: DO1750000
NEO-ERGOTIN see: KE8225000
NEOESERINE BROMIDE see: BR3150000
NEOESERINE METHYL SULFATE see: CY1225000
NEO-ESTRONE see: RC8925000
NEO-ESTRONE see: GL1224000
NEO-FARMADOL see: UQ8400000
NEO-FAT 10 see: HD9100000
NEO-FAT 12 see: OE9800000
NEO-FAT 14 see: QH4375000
NEO-FAT 18 see: WI2800000
NEO-FAT 12-43 see: OE9800000
NEO-FAT 18-53 see: WI2800000
NEO-FAT 18-54 see: WI2800000
NEO-FAT 18-55 see: WI2800000
NEO-FAT 18-59 see: WI2800000
NEO-FAT 18-61 see: WI2800000
NEO-FAT 90-04 see: RG2275000
NEO-FAT 92 04 see: RG2275000
NEO-FAT 18-S see: WI2800000
NEOFEMERGEN see: KE5075000
NEOFEN see: UQ8400000
NEO-FERRUM see: NO7700000
NEOFLUMEN see: DK9100000
NEOFOLLIN see: KG5793000
NEO-FULCIN see: WG9800000
NEO GERM-I-TOL see: BO3150000
NEO-GILURYTMAL see: AX7750000
NEOGLAUCIT see: TE5075000
NEOGYNON see: JF8300000
NEOHETRAMINE see: UV8575000
NEOHETRAMINE HYDROCHLORIDE see: UV8750000
NEOHEXANE (DOT) see: EJ9300000
NEO-HIBERNEX see: SO7000000
NEO-HOMBREOL see: XA3115000
NEO-HOMBREOL-M see: BV8400000

QP3130000 NEOHUMIDIN
DEF: An antibiotic substance produced by S. MULTISPIRALIS (85FZAT -,451,67)
UPDT 8308

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:12500 ug/kg 85FZAT -,451,67
* ipr-mus LD50:800 ug/kg 85FZAT -,451,67

NEOHYDRIN see: OW1050000
NEOISCOTIN see: NS2275000
NEO-ISTAFENE see: TL1970000
NEOISUPREL HYDROCHLORIDE see: DO2320000
NEOL see: TY5775000
NEOLEXINA see: XI0350000
NEOLIN see: XH9425000
NEOLOID see: FI4100000
NEOLUTIN see: TU5085000
NEO-MANTLE CREME see: QP4375000
NEOMELURBRIN see: PB1300000
NEOMERCAZOLE see: NJ2441000
NEOMETANTYL see: BP8249200
NEOMETHIODAL see: UR8750000
NEOMIX see: QP4375000
NEOMYCIN E see: WK2315000
NEOMYCINE SULFATE see: QP4375000

QP4235000 NEOMYCIN, HEXASALICYLIDENE-
UPDT 8407 CAS: 11041-92-2
SYN: U-6445

TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:233 mg/kg UPJOH 2(6),-,71

QP4375000 NEOMYCIN, SULFATE
UPDT 8406 CAS: 1405-10-3
SYN: BIOSOL VETERINARY * LIDAMYCIN CREME * MYCIFRADIN-N * MYCAIFRADIN SULFATE * MYCIGIENT * NEOBIOTIC * NEO-MANTLE CREME * NEOMIX * NEOMYCINE SULFATE * NEOMYCIN SULPHATE * OTOBIOTIC * QUINTESS-N * USAF CB-19

IRRITATION DATA AND REFERENCES:
skn-hmn 6 mg/3D-I MLD 85DKA8 -,127,77

TOXICITY DATA AND REFERENCES:
3F07F08F14 orl-wmn TDLo:12600 mg/kg/7D ARSUAX 111,822,76
ipr-mus LD50:300 mg/kg NTIS** AD277-689
scu-mus LD50:190 mg/kg ANTBAL 18,444,73
ivn-mus LD50:27600 ug/kg ANTBAL 18,444,73
1F12 ims-mus LD50:142 mg/kg AIMDAP 119,493,67

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PMMDAE 16(1-2),9,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QP4380000 NEOMYCIN SULFATE, compd. with GLUCONIC ACID CALCIUM SALT
UPDT 8405
SYN: COMPLESSO NEOMICINA SOLFATO CALCIO GLUCONATO (Italian)

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:35 mg/kg FRPSAX 12,899,57

NEOMYCIN SULPHATE see: QP4375000

QP4450000 NEON
UPDT 8401 CAS: 7440-01-9 MW: 20.18 MOLFM: Ne
SYN: NEON (DOT) * NEON, compressed (DOT) * NEON, refrigerated liquid (DOT) * UN 1065 (DOT) * UN 1913 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NEO-NACLEX see: DK82.5000
NEONAL see: CQ1575000
NEO-NAVIGAN see: XH5082000
NEON (DOT) see: QP4450000
NEON, compressed (DOT) see: QP4450000
NEON, refrigerated liquid (DOT) see: QP4450000
NEONICOTINE see: BV4375000
NEONIKOTIN see: BV4375000
NEO-NILOREX see: QE2450000

QP4985000 NEONOL
UPDT 8305 CAS: 63035-21-2

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6875 mg/kg GISAAA 47(2),85,82

QP4990000 NEONOL AF-14
UPDT 8408 CAS: 81296-95-9

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1800 mg/kg GISAAA 48(1),84,83
* orl-mus LD50:1800 mg/kg GISAAA 48(1),84,83
* orl-rbt LD50:1800 mg/kg GISAAA 48(1),84,83
* orl-gpg LD50:1800 mg/kg GISAAA 48(1),84,83

QP5010000 NEONOL 2B1317-12
UPDT 8408

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1800 mg/kg GISAAA 48(1),84,83
* orl-mus LD50:1800 mg/kg GISAAA 48(1),84,83
* orl-rbt LD50:1800 mg/kg GISAAA 48(1),84,83
* orl-gpg LD50:1800 mg/kg GISAAA 48(1),84,83

NEO-OESTRANOL 1 see: WJ5600000
NEO-OESTRANOL II see: WJ5775000
NEO-OESTRONOL II see: WJ5775000
NEO-ORMONAL see: BV8390000

NEOOXEDRINE see: DO7525000
NEO-OXYPATE see: VC3543500
NEOPANT see: BP0693000
NEOPANTANOYL CHLORIDE see: AO7200000
NEOPAX see: SM8720000
NEOPELLIS see: SN0525000
NEOPENTAENE see: TY1190000
NEOPENTANETETRAYL NITRATE see: RZ2620000
NEOPENTANOIC ACID see: TO7700000
NEOPENTYLENE GLYCOL see: TY5775000
NEOPENTYL ESTER of CARBAMIC ACID see: UB3750000
NEOPENTYL FORMATE see: UB3790000
NEOPENTYL FORMATE (DOT) see: UB3790000
NEOPENTYL GLYCOL see: TY5775000
NEOPENTYL GLYCOL DIACRYLATE see: AS8925000
NEOPENTYL GLYCOL DIGLYCIDYL ETHER see: TX3760000
NEOPENTYLGYLCOL DIGLYCIDYL ETHER mixed with N,N'-DIGLYCIDYL-5,5-DIMETHYLHYDANTOIN see: MT9190600
NEOPEPULSAN see: BP8249200
NEOPHARMEDRINE see: SH5075000
NEOPHEDAN see: YU0875000
NEOPHENAL see: YU0875000
NEOPHRYN see: DO7525000
NEOPHYILINE see: XH5600000
NEOPHYLLIN see: XH5100000
NEOPHYLLINE see: XH5100000
NEOPHYLLIN M see: XH5100000
NEOPLATIN see: TP2450000
NEOPOLEN see: TQ3325000
NEOPOL (FUNGICIDE) see: CR0660000
NEOPOLEN 30N see: TQ3325000
NEO-PONDEN see: BV8045500
NEOPRENE see: EI9625000
NEOPRENE see: EI9660000
NEOPROC see: XH9450000
NEOPROGESTIN see: RC8899550
NEOPROTOVERATRIN see: FL5750000
NEOPROTOVERATRINE see: FL5750000
NEO-PYNAMIN see: GZ1730000
NEOPYNAMIN FORTE see: GZ1730000
NEORESERPAN see: ZG0175000
NEORESTAMIN see: US6475000
NEORI EXTRACT (Indian) see: NY5638000
NEORON see: DD2100000
NEO-RONTYL see: DK8225000
NEOSABENYL see: GO7175000
NEOSALVARSAN see: WS3680000
NEO-SCABICIDOL see: GV4900000
NEOSEDYN see: TI4375000
NEOSEPT V see: SM0700000
NEOSERFIN see: ZG0350000
NEOSERINE BROMIDE see: BR3150000
NEO-SERP see: ZG0350000
NEOSETILE BLUE EB see: CB0540000
NEOS-HIDANTOINA see: MU1050000
NEOSIDANTOINA see: MU1050000
NEO-SINEFRINA see: DO7525000
NEO-SKIODAN see: UR8750000
NEOSLOWTEN see: ZG0350000
NEOSOLANIOL see: YD0080000
NEOSONE D see: QM3275000
NEOSOREX see: GN4934500
NEOSOREXA see: GN4934500
NEO SO SIN GIN see: LJ9700000
NEO SO SIN GIN-S see: LJ9700000
NEOSPASMINA see: DT7361000
NEO SPECTRA II see: FF5800000

QP7050000 NEOSTAM
UPDT:8111 CAS: 1344-34-9 MW: 1264.12 MOLFM: C36-H49-N3-O22-Sb3 Na
SYN: GLUCOSTIBAMINE SODIUM * GLUCOSTIMIDINE SODIUM * NITROGEN GLUCOSIDE of SODIUM p-AMINOPHENYLSTIBONATE * NEOSTAM STIBAMINE GLUCOSIDE * SODIUM p-AMINOBENZENESTIBONATE GLUCOSIDE * SODIUM STIBANILATE GLUCOSIDE * STIBAMINE GLUCOSIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:1475 mg/kg JPETAB 81,224,44
ims-rbt LD50:91 mg/kg JPETAB 87,119,46
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**

NEOSTAM STIBAMINE GLUCOSIDE see: QP7050000
NEOSTEN see: AF2100000
NEOSTENE see: BV8100000
NEOSTENOVASAN see: XH5100000
NEOSTERON see: BV8100000
NEOSTIBOSAN see: CJ1330000
NEOSTIGMETH see: CY1225000
NEOSTIGMINE see: BR3300000
NEOSTIGMINE BROMIDE see: BR3150000
NEOSTIGMINE METHOSULFATE see: CY1225000
NEOSTIGMINE METHYL BROMIDE see: BR3150000
NEOSTIGMINE METHYL SULFATE see: CY1225000
NEOSTIGMINE MONOMETHYLSULFATE see: CY1225000
NEOSTON see: AF2100000
NEOSTREPAL see: WO9030000
NEOSTREPSAN see: WP2360000
NEOSUPRANOL HYDROCHLORIDE see: MQ4900000
NEOSUPREL HYDROCHLORIDE see: DO2320000
NEO-SUPRIMAL see: TL1970000
NEO-SUPRIMEL see: TL1970000
NEOSYDYN see: TI4375000
NEOSYMPATOL see: DO7525000
NEOSYNEPHRINE see: DO7175000
NEOSYNEPHRINE see: DO7525000
(+-)-**NEOSYNEPHRINE** see: DO7175010
NEOSYNEPHRINE HYDROCHLORIDE see: DO7525000
NEOSYNESINE see: DO7525000
NEOTEBEN see: NS1750000
NEO-TENEBRYL see: UR8750000
NEO-TESTIS see: XA3030000
NEOTHESIN see: TN3320000
NEOTHESIN HYDROCHLORIDE see: TN3325000

QP8759000 NEOTHRAMYCIN
UPDT:8305 CAS: 67298-49-1 MW: 262.29 MOLFM: C13-H14-N2-O4
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:100 mg/kg JANTAJ 35,1093,82
* ipr-mus LD50:22 mg/kg JANTAJ 35,1093,82
* ivn-mus LD50:23100 ug/kg JANTAJ 35,1093,82

NEOTHRAMYCIN A see: UY8546000
NEOTHRAMYCIN A see: UY8545900
NEOTHYL see: KO2280000
NEOTHYLLINE see: XH5100000
NEOTIBIL see: AE3850000
NEOTILINA see: XH5100000
NEOTIZIDE see: NS2275000
NEO-TIZIDE see: NS1750000
NEO-TIZIDE SODIUM SALT see: NS2275000
NEOTOPSIN see: BA3675000
NEOTRAN see: PA3890000
NEO-TRAN see: TZ0175000
NEO-TRIC see: NI5600000
NEO-VASOPHYLLINE see: XH5100000
NEOVITAMIN A ACID see: VH6440000
NEOVLETTA see: JF8300000
NEOXAZOL see: WO9100000
NEOXIN see: NS1750000
NEOZEPAM see: DF2450000
NEOZEX 45150 see: TQ3325000
NEOZEX 4010B see: TQ3325000
NEO-ZINE see: QE6650000
NEO-ZOLINE see: UQ8225000
NEOZON D see: QM4550000
NEOZONE see: QM4550000
NEOZONE A see: QM4500000
NEOZONE D see: QM4550000

QP9280000 NEPENTHES ARBO-MARGINATA, leaf and stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg CPBTAL 13,882,65

QP9283000 NEPETA ELLIPTICA Royle, extract excluding roots
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2H02M10 ipr-rat LD50:650 mg/kg IJEBA6 16,228,78

QP9283500 NEPETA GOVANIANA Benth, extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

QP9284000 NEPETA GRACILIFLORA Benth., extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 9,91,71)
UPDT:8305
SYN: TORLA EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:75 mg/kg IJEBA6 9,91,71

QP9286000 NEPETA HINDOSTANA (Roth.) Haines, extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 9,91,71)
UPDT:8305
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 9,91,71

NEPETALACTONE see: GY5840000

QP9287500 NEPETA LEUCOPHYLLA Benth., extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 7,250,69)
UPDT:8407
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg IJEBA6 7,250,69

NEPETALIC ACID see: GY2770000

QP9290000 NEPETA MOLLIS Benth, extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:350 mg/kg IJEBA6 16,228,78

QP9300000 NEPETA NERVOSA Royle ex. Benth, extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

NEPHELOR see: TZ1225000
NEPHENTINE see: TZ0175000
NEPHIS see: KH9275000
NEPHOCARP see: TD5250000
NEPHRAMID see: AC8225000
NEPHRAMIDE see: AC8225000
NEPHRIDINE see: DO2625000

QP9460000 NEPHROTON
UPDT:8305
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:85 gm/kg PBVMA9 8,124,80

NEPRESOL see: TH8849900
NEPRESOLIN see: TH8849900
NEPRESSOL see: TH8849900
NEPTAZANE see: AC6350000
NEPTAZANEAT see: AC6350000
NEPTUNE BLUE BRA see: BQ4550000
NEPTUNE BLUE BRA CONCENTRATION see: BQ4550000
NERAN BRILLIANT GREEN G see: BQ4375000
NEREB see: OP0700000
NERFACTOR see: UV6261100 2-PYRIMIDINAMINE, N-(1-METHYLETHYL)-, PHOSPHATE (1: 1)
NERIODIN see: AG6330000
NERIOL see: FH4585000
NERIOLIN see: FH4585000
NERIOSTENE see: FH4585000
NERISONA see: TU3830500
NERISONE see: TU3830500 PREGNA-1,4-DIENE-3,20-DIONE, 6,9-DIFLUORO-11-HYDROXY-16-METHYL-21-((1-OXOPENTYL)OXY)-, (6-alpha,11-beta,16-alpha)-

QQ0860000 NERIUM OLEANDER L., flower or leaf extract
UPDT:8408

TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:30 gm/kg JTEHD6 1,939,76
* orl-mus LDLo:2857 mg/kg JTEHD6 1,939,76

NERKOL see: TC0350000
NEROBIL see: KG7995000
NEROBIOLIL see: KG7995000
NEROBOL see: BV8000000
NEROBOLETTES see: BV8000000
NEROL see: RG5840000
NEROLI BIGARADE OIL, TUNISIAN see: QQ0960000
NEROLIDYL ACETATE see: JR4980000
NEROLIN see: QJ6900000
NEROLIN II see: QJ6900000
NEROLINE see: QJ6900000
NEROLIN NEW see: QJ6900000
NEROLI OIL, ARTIFICAL see: CB3325000

QQ0960000 NEROLI OIL, TUNISIAN
UPDT:8305 CAS: 8016-38-4
SYN: NEROLI BIGARADE OIL, TUNISIAN
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4550 mg/kg FCTXAV 14,813,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NERONE see: UC2988400
NEROSEDYN see: TI4375000
NERUSIL see: MU8400000
NERVACTON see: DD2800000
NERVANAID B ACID see: AH4025000
NERVANAID B liquid see: AH5075000
NERVANID B see: AH5075000
NERVATIL see: DD2800000
NERVILON see: LQ0699000
NERVONUS see: TZ0175000
NERVOSETON see: CQ3850000
NERVOTON see: KK6300000
NERYL FORMATE see: RG5925800
NERYL ISOVALERIANATE see: RG5927710
NERYL beta-METHYL BUTYRATE see: RG5927710
NERYL PROPIONATE see: RG5927910
NESDONAL see: CQ6300000
NESDONAL SODIUM see: CQ6475000
NESOL see: OS8100000
NESONTIL see: DF1400000
NESPOR see: OP0700000
NESSLER REAGENT see: OU9670000
NESTON see: PD0456000
NESTYN see: YT2800000
NET see: RC8975000
NETAGRONE see: AG6825000
NETAGRONE 600 see: AG6825000
NETAL see: TE7175000
NETALID see: QJ9100000
NETAZOL see: AG1575000
NETH see: QJ9100000
NETHALIDE see: QJ9100000
NETHALIDE HYDROCHLORIDE see: QJ9275000
NETHAMINE HYDROCHLORIDE see: DO5775000
NETHAQUALONE see: VA3850000
NETILMICIN SULFATE see: WK2286000
NETROPSIN HYDROCHLORIDE see: DW2975000
NETSUSARIN see: CD2625000
NEU see: FB0350000
NEU see: YT3150000
NEUCHLONIC see: DF2450000
NEUFIL see: XH5100000
NEUMANDIN see: NS1750000
NEUMOLISINA see: MW6300000
NEUPERM GFN see: NJ0607000

QQ3365000 NEURACANTUS SPHAEROSTACHYUS, Dalz., extract
DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 11,43,73)
UPDT:8305
SYN: GANTHERA EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

NEURACEN see: UE3150000
NEURAKTIL see: DD2800000
NEURALEX see: MU8400000

QQ3450000 NEURAMINIDASE
UPDT:8405 CAS: 9001-67-6
SYN: E.C. 3.2.1.18 * alpha-NEURAMINIDASE * SIALIDASE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T26 ivn-mus TDLo:4000 iu/kg (4-6D preg) NMJOAA 22,135,77
1T24 ivn-mus TDLo:2000 iu/kg (4D preg) NMJOAA 22,135,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

alpha-NEURAMINIDASE see: QQ3450000
NEURAZINE see: SO1750000
NEURAZOL see: XF8225000
NEURIDINE see: EJ7175000
NEURIN see: BT3850000
NEURINE see: BT3850000
NEURINE BROMIDE see: BT3675000
NEUROBARB see: CQ6825000
NEUROBENZIL see: DD2800000
NEUROCAINE see: YM2800000
NEURODYN see: TI4375000
NEUROLEPTONE see: DD2800000
NEURONIKA see: VO0700000
NEUROPROCIN see: YT2800000
NEUROSEDIN see: TI4375000
NEUROSEDYM see: TI4375000
NEUROTONE see: TY8400000

QQ4496000 NEUROTOXIN A (NAJA NAJA)
UPDT:8408 CAS: 11080-14-1 MW: 7848.15 MOLFM: C331-H526-N98-O103-S10
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:120 ug/kg IJMRAQ 64,1358,76

QQ4497000 NEUROTOXIN B (NAJA NAJA)
UPDT:8408 CAS: 61584-78-9 MW: 7706.96 MOLFM: C324-H515-N97-O101-S10
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:856 ug/kg IJMRAQ 64,1358,76

NEUROZINA see: KK2275000
NEURVITA see: LQ0699000
NEUSTAB see: AE3850000
NEUT see: VZ0950000
NEUTHION see: MC0556000
NEUTRAFIL see: XH5100000
NEUTRAFILLINA see: XH5100000
NEUTRAL ACRIFLAVINE see: AR9625000
NEUTRAL ACRIFLAVINE see: AR9660000
NEUTRAL AMMONIUM CHROMATE see: GB2880000
NEUTRAL AMMONIUM FLUORIDE see: BQ6300000
NEUTRAL BERBERINE SULFATE see: DR9867300
NEUTRAL POTASSIUM CHROMATE see: GB2940000
NEUTRAL PROFLAVINE SULPHATE see: AR9065000
NEUTRAL RED see: SG1400000
NEUTRAL RED CHLORIDE see: SG1400000
NEUTRAL RED W see: SG1400000
NEUTRAL SODIUM CHROMATE see: GB2955000
NEUTRAL VERDIGRIS see: AG3480000
NEUTRAPHYLLIN see: XH5100000
NEUTRAPHYLLINE see: XH5100000
NEUTRAZYME see: WT1050000
NEUTROFLAVIN see: AR9660000
NEUTROFLAVINE see: AR9660000
NEUTROFLAVINE see: AR9625000
NEUTRONYX 600 see: MD0905000
NEUTRONYX 605 see: MD0907700
NEUTRONYX 622 see: MD0907600
NEUTRONYX 675 see: MD0907600
NEUTRORMONE see: BV8100000
NEUTROSEL NAVY BN see: DD0875000
NEUTROSEL RED TRVA see: XU5250000
NEUTROSTERON see: BV8100000
NEUTROXANTINA see: XH5100000
NEUWIED GREEN see: GL6475000
NEVANAID-B POWDER see: AH5250000
NEVANIDE see: DG1950000
NEVAX see: WN0525000
NEVIGRAMON see: QN2885000
NEVIN see: DA9501600
NEVIN see: NS1750000
NEVIN (MIXTURE) see: DA9501600
NEVRACTEN see: DE8750000
NEVRALGINA see: PB1300000
NEVRITON see: LQ0699000
NEVRODYN see: TI4375000
NEW COCCIN see: QJ6530000
NEW COCCINE see: QJ6530000
NEW COCCINE EXTRA CONC. A EXPORT see: QJ6530000
NEW COCCINE EXTRA PURE A see: QJ6530000
NEWCOL 60 see: WG2933500
NEW GREEN see: GL6475000
NEW IMPROVED CERESAN see: OW4375000
NEW IMPROVED GRANOSAN see: OW4375000
NEW MILSTEM see: UW7380000
NEW-OESTRANOL II see: WJ5775000
NEWPHRINE see: DO7525000
NEW PINK BLUISH GEIGY see: LM5950000
NEWPOL LB3000 see: TR4680000
NEW PONCEAU 4R see: QJ6825000
NEXAGAN see: TE7000000
NEXEN FB see: GV4900000
NEXION see: TE7175000
NEXION 40 see: TE7175000
NEXIT see: GV4900000
NEXIT-STARK see: GV4900000
NEXOL-E see: GV4900000
NEXOVAL see: FD8050000

QQ8160000 NEYRAUDIA ARUNDINACEA (Linn.) Henr., extract excluding roots
DEF:Indian plant belonging to the family, GRAMINEAE (IJEBA6 11,43,73)
UPDT:8305
SYN: BANSI EXTRACT
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

NF see: LT7700000
NF 6 see: WK2100000
NF-7 see: LT7700000
NF 35 see: BA3650000
NF 35 (fungicide) see: BA3650000
NF 44 see: BA3675000
NF 44 see: RO0875000
NF 64 see: AJ1075000
NF 84 see: LT7750000
NF-180 see: RQ3675000
NF 246 see: NJ0875000
NF 260 see: RQ3620000
NF-260 see: RQ3640000
NF-269 see: RQ3630000
NF 323 see: UT5023000
NF-475 see: XI3600000
NF 1010 see: NJ0700000
NFA see: AC2740000
5-NFA see: LT8566000
5-NFA SODIUM SALT see: LT8570000
NFCR 278021 see: UZ0710000
NF 180 CUSTOM MIX TEN see: RQ3675000
NFHAA see: MC0550000
NF-902 HYDROCHLORIDE see: RQ3630000
NFN see: QN2840000
NaFPAK see: WB0350000
Na FRINSE see: WB0350000
NFS see: LT7700000
NFTA see: AC6650000
NFZ see: LT7700000
NG see: QX2100000
NG 2246 see: PA3500000
NGAI CAMPHOR see: DT5095000

(-)-NGAIONE see: SA9080000
cis-NGAIONE see: SA9080000
NH 18 see: TR8100000
NH 188 see: UV8750000
NHA see: NC4200000
N. HAJE VENOM see: YX3975000
3N4HPA see: CY5250000
NH-LOST see: IA0175000
NHMI see: CN4900000
NHU see: FB1750000
NHYD see: MU3950000
NIA 249 see: GZ1925000
NIA 1240 see: TE4550000
NIA 2,995 see: FD8750000
NIA 4556 see: AS4025000
NIA 5273 see: XS8050000
NIA 5462 see: RB9275000
NIA 5488 see: WR5850000
NIA-5767 see: TF8225000
NIA 5996 see: DI3500000
NIA 9044 see: GQ5600000
NIA 9102 see: TR6250000
NIA-9201 see: TE2000000
NIA-9227 see: TF2070000
NIA-9241 see: TD5175000
NIA-9260 see: GZ1730000
NIA 10242 see: FB9450000
NIA-10559 see: FB5700000
NIA-10586 see: FB9700000
NIA 10637 see: TA0440000
NIA 11092 see: EY9980000
NIA-11637 see: FC0875000
NIA 16,388 see: TA0400000
NIA 17370 see: GZ1310000
NIA-18739 see: GZ1310500
NIA 24110 see: GZ1231000
NIA 33297 see: GZ1255000
NIACEVIT see: QS3675000
NIACIDE see: NO8750000
NIACIN see: QT0525000
NIACINAMIDE see: QS3675000
NIACIN BENZYL ESTER see: QT0850000
NIADRIN see: NS1750000
NIAGARA 1,137 see: JO1050000
NIAGARA 1240 see: TE4550000
NIAGARA 4512 see: YV9103000
NIAGARA 4556 see: AS4025000
NIAGARA 5006 see: DI3500000
NIAGARA 5,462 see: RB9275000
NIAGARA 5767 see: TF8225000
NIAGARA 5943 see: TA1400000
NIAGARA 5,996 see: DI3500000
NIAGARA 9044 see: GQ5600000
NIAGARA 9227 see: TF2070000
NIAGARA 9241 see: TD5175000
NIAGARA 10242 see: FB9450000
NIAGARA 10559 see: FB5700000
NIAGARA 10586 see: FB9700000
NIAGARA 10856 see: FC0875000
NIAGARA 11637 see: FC0875000
NIAGARA BLUE see: QJ6475000
NIAGARA BLUE 2B see: QJ6400000
NIAGARA BLUE 3B see: QJ6475000
NIAGARA BLUE 4B see: QJ6420000
NIAGARAMITE see: WT2975000
NIAGARA NIA-9260 see: GZ1730000
NIAGARA NIA-10242 see: FB9450000
NIAGARA NIA-24110 see: GZ1231000
NIAGARA P.A. DUST see: QS5250000
NIAGARA SKY BLUE see: QJ6420000
NIAGARA SKY BLUE 6B see: QJ6430000
NIAGARA-STIK see: QJ0875000
NIAGARATRAN see: DB5250000
NIAGARIL see: DK8225000
NIAGATHAL see: TI3450000
NIAGRATHAL see: RN8225000
NIA 2995J see: FD8750000
NIALAMIDE see: NS1225000
NIALATE see: TE4550000
NIALK see: KX4550000
NIAMID see: NS1225000
NIAMIDAL see: NS1225000
NIAMIDE see: NS1225000
NIAMINE see: QS4375000
NIAPRAZINE TRIHYDROCHLORIDE see: QS4476200
NIAPROOF 4 see: XB8660000
NIA PROOF 08 see: MP0700000
NIAQUITIL see: NS1225000
NIAX CATALYST AI see: KR9460000
NIAX FLAME RETARDANT 3 CF see: KK2450000
NIAX TDI see: CZ6300000
NIAX TDI see: CZ6310000
NIAX TDI-P see: CZ6300000
NIAX TDI-P see: CZ6310000
NIAZOL see: NJ4375000
NIBAL see: BV8408500
NIBITOR see: BP7627000
NIBROL see: TI4375000
NICACID see: QT0525000
NICAMIDE see: QS3675000
NICAMIDE see: QS4375000
NICAMIN see: QT0525000
NICAMINA see: QS3675000
NICAMINDON see: QS3675000
NICANGIN see: QT0525000
NICARDIPINE HYDROCHLORIDE see: US7972100
NICASIR see: QS3675000
NICAZIDE see: NS1750000
NICEL see: FJ5959000
NICELATE see: QN2885000
N. I. CERESAN see: OW3750000
NICERGOLIN (German) see: KE6341000
NICERGOLINE see: KE6341000
NICERITROL see: QT1980000
NICETAL see: NS1750000
NICETAMIDE see: QS4375000
NICETHAMIDE see: QS4375000
NICHEL (Italian) see: QR5950000
NICHEL TETRACARBONILE (Italian) see: QR6300000
NICHICAMPHER see: RB6965800
NICHOLIN see: GA4027000
NICIZINA see: NS1750000

QR5950000 NICKEL
UPDT 8412 CAS: 7440-02-0 MW: 58.71 MOLFM: Ni
SYN: C.I. 77775 * Ni 270 * NICKEL 270 * NICKEL (DUST) * NICHEL (Italian) * NICKEL PARTICLES * NICKEL SPONGE * Ni 0901-S * Ni 4303T * NP 2 * PULVERIZED NICKEL * RANEY ALLOY * RANEY NICKEL * RCH 55/5

MUTATION DATA AND REFERENCES:

	otr-ham:emb 5 umol/L	TOXID9 1,132,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T35	orl-rat TDLo:158 mg/kg (MGN)	AEHLAU 23,102,71

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10	scu-rat TDLo:3000 mg/kg/6W-I	JNCIAM 16,55,55
2V01V10	ims-rat TDLo:1000 mg/kg/17W-I	PAACA3 9,28,68
2V03V10	ipl-rat TDLo:100 mg/kg/21W-I	PWPSA8 16,150,73
3V03J60T64	par-rat TDLo:40 mg/kg/52W-I	AEHLAU 5,445,62
3V01R60V10	imp-rat TDLo:250 mg/kg	JNCIAM 16,55,55
2V02V10	ims-mus TDLo:200 mg/kg	NCIUS* PH 43-64-886,SEPT,70
3V02T64V10	imp-rbt TDLo:165 mg/kg/2Y-I	JNCIAM 16,55,55
3V03J60J61	ihl-gpg TCLo:15 mg/m3/91W-I	AMPLAO 65,600,58
3V03Q60V10	ims-ham TDLo:200 mg/kg/21W-I	PWPSA8 14,68,71
2V03V10	ims-rat TD :58 mg/kg	PAACA3 17,11,76
2V03V10	imp-rat TD :23 mg/kg	JNCIAM 16,55,55
2V02V10	ims-rat TD :125 mg/kg/13W-I	NCIUS* PH 43-64-886,JUL,68
2V02V10	ims-mus TD :800 mg/kg/13W-I	NCIUS* PH 43-64-886,JUL,68
2V03V10	ims-rat TD :90 mg/kg/18W-I	NCIUS* PH 43-64-886,AUG,69
3V03Q60V10	ims-rat TD :889 ug/kg	JPTLAS 97,375,69
3V03Q60V10	ipl-rat TD :1250 mg/kg/17W-I	TRBMAV 10,167,52
2V03V10	ipl-rat TD :125 mg/kg/21W-I	PWPSA8 16,150,73
3V02Q60V10	ims-rat TD :200 mg/kg/21W-I	PWPSA8 14,68,71

TOXICITY DATA AND REFERENCES:

	itr-rat LDLo:12 mg/kg	NTIS** AEC-TR-6710
	ivn-mus LDLo:50 mg/kg	FATOAO 23,549,60
	ivn-dog LDLo:10 mg/kg	14CYAT 2,1120,63
	orl-gpg LDLo:5 mg/kg	AMPMAR 25,247,64
	scu-gpg LDLo:500 mg/kg	MELAAD 37,140,46

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ACLSCP 3(3),156,73; KOTTAM 11(11),1300,75; MIBUBI 9(4),321,75; FCTXAV 9,105,71; 85DHAX Ni,168,75; 85CVA2 5,63,70; 31BYAP -,93,74; NTIS** CONF-691001; GSAMAQ 123,109,71; PEXTAR 12,102,69; DICHAK 54,527,68; AMTODM 3,209,77
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 11,75,76
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 2,126,73
★ TLV-TWA 1 mg/m3 DTLVS* 4,295,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Ni)/m3 (SCP-N) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S206, VOL 5 298#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0345;8EHQ-0978-0246
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NICKEL 270 see: QR5950000

QR6125000 NICKEL(II) ACETATE (1:2)
UPDT 8408 CAS: 373-02-4 MW: 176.81 MOLFM: C4-H6-O4 Ni
SYN: ACETIC ACID, NICKEL(2+) SALT * NICKELOUS ACETATE

MUTATION DATA AND REFERENCES:

	pic-esc 160 umol/L	ENMUDM 6,59,84

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	ivn-ham TDLo:10 mg/kg (8D preg)	ADTEAS 5,51,72

TUMORIGENIC DATA AND REFERENCES:

2V02V10	ims-rat TDLo:420 mg/kg/47W-I	NCIUS* PH 43-64-886,JUL,68
2V03V10	imp-rat TDLo:95 mg/kg/78W-C	PAACA3 5,50,64
2V02J60	ipr-mus TDLo:360 mg/kg/8W-I	CNREA8 36,1744,76
2V03V10	ims-rat TD :225 mg/kg/46W-I	NCIUS* PH 43-64-886,AUG,69

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:350 mg/kg	PWPSA8 11,39,68
	ipr-rat LD50:23 mg/kg	PWPSA8 11,39,68
	orl-mus LD50:410 mg/kg	PWPSA8 11,39,68
	ipr-mus LD50:32 mg/kg	PWPSA8 11,39,68
	scu-gpg LDLo:20 mg/kg	JOHYAY 8,565,08

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADTEAS 5,51,72; 85DHAX Ni,168,75; ACLSCP 3(3),156,73
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QR6126300 NICKEL ALLOY, Ni,Be
UPDT 8401 CAS: 37227-61-5
SYN: BERYLLIUM-NICKEL ALLOY * NICKEL-BERYLLIUM ALLOY
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 23,143,80
★ TLV-TWA 2 ug(Be)/m3 DTLVS* 4,43,80
★ TLV-TWA 1 mg(Ni)/m3 DTLVS* 4,295,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug/m3,CL 5 ug/m3;Pk 25 ug/m3/30M/8H FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 1 mg(Ni)/m3 (SCP-N) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M NTIS**

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 — NTIS**
NICKEL AMMONIUM SULFATE see: WS6050000
NICKEL AMMONIUM SULFATE (DOT) see: WS6050000
NICKELATE, TETRACYANO-, DIPOTASSIUM see: QR8650000
NICKEL-BERYLLIUM ALLOY see: QR6126300
NICKEL BISCYCLOPENTADIENE see: QR6500000

QR6140000 NICKEL, BIS(DIBUTYLDITHIOCARBAMATO)-
UPDT:8401 CAS: 13927-77-0 MW: 467.51 MOLFM: C18-H36-N2-S4 .Ni
SYN: BIS(DIBUTYLDITHIOCARBAMATO)NICKEL * CARBAMIC ACID, DIBUTYLDITHIO-, NICKEL SALT * DIBUTYLDITHIOCARBAMIC ACID, NICKEL SALT * NICKEL DIBUTYLDITHIOCARBAMATE * UV CHEK AM 104 * VANGUARD N
TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 orl-mus TDLo:22 mg/kg/78W-I — NTIS** PB223-159
3V03L60P60 scu-mus TDLo:1000 mg/kg — NTIS** PB223-159
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 — NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
NICKEL BLACK see: QR7045000
NICKEL BOROFLUORIDE see: QR6650000

QR6200000 NICKEL(II) CARBONATE (1:1)
UPDT:8412 CAS: 3333-67-3 MW: 118.72 MOLFM: C-Ni-O3
SYN: BASIC NICKEL CARBONATE * CARBONIC ACID, NICKEL SALT (1:1) * C.I. 77779 * NICKELOUS CARBONATE
MUTATION DATA AND REFERENCES:
dnd-rat-ipr 10 mg/kg/3H — CNREA8 42,3544,82
oms-rat-ipr 40 mg/kg — CNREA8 44,3892,84
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:95 mg/kg/78W-C — PAACA3 5,50,64
TOXICITY DATA AND REFERENCES:
scu-gpg LDLo:32 mg/kg — JOHYAY 8,565,08
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ACLSCP 3(3),156,73; FCTXAV 9,105,71; 85DHAX Ni,168,75
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 11,75,76
★ TLV-TWA 1 mg(Ni)/m3 — DTLVS* 4,295,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 — NTIS**
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QR6300000 NICKEL CARBONYL
UPDT:8411 CAS: 13463-39-3 MW: 170.75 MOLFM: C4-Ni-O4
SYN: NICKEL CARBONYL (DOT) * NICKEL CARBONYLE (French) * NICHEL TETRACARBONILE (Italian) * NICKEL TETRACARBONYL * NIKKELTETRACARBONYL (Dutch) * NICKEL TETRACARBONYLE (French) * RCRA WASTE NUMBER P073 * UN 1259 (DOT)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T42 ihl-rat TCLo:60 mg/m3/15M (8D preg) — TXAPA9 45,345,78
3T26T35T34 ihl-rat TCLo:120 mg/m3/15M (8D preg) — TXAPA9 45,345,78
1T81 ihl-rat TCLo:160 mg/m3/15M (7D preg) — SCIEAS 203,550,79
3T41T49T59 ihl-ham TCLo:60 mg/m3/15M (5D preg) — NTIS** DOE/EV/03140-5
1T75 ihl-ham TCLo:60 mg/m3/15M (5D preg) — NTIS** DOE/EV/03140-5
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ihl-rat TCLo:250 mg/m3/30M/1Y — AJCPAI 35,203,61
3V01J60L60 ivn-rat TDLo:54 mg/kg/20W-I — CNREA8 32,2253,72
TOXICITY DATA AND REFERENCES:
3F07J30U25 ihl-hmn TCLo:7 mg/m3 — GISAAA 22(11),30,57
1V08 ihl-hmn LCLo:30 ppm/30M — AEHLAU 23,373,71
* ihl-rat LC50:35 ppm/30M — AJCPAI 26,107,56
ipr-rat LD50:39 mg/kg — AEHLAU 14,604,67
scu-rat LD50:63 mg/kg — AEHLAU 14,604,67
ivn-rat LD50:66 mg/kg — AEHLAU 14,604,67
2J16L30 ihl-mus LC50:67 mg/m3/30M — AMIHBC 8,48,53
ihl-dog LCLo:360 ppm/90M — JOHYAY 7,525,07
2J16L30 ihl-cat LC50:1900 mg/m3/30M — AMIHBC 8,48,53
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ACLSCP 3(3),156,73; ANAEA3 35,165,75; FEPRA7 35(1),89,76; FCTXAV 9,105,71; 85DHAX Ni,168,75; PEXTAR 12,102,69; DICHAK 54,527,68; CTOXAO 12(5),601,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 11,75,76
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED — IARC** 2,126,73
★ TLV-TWA 50 ppb — DTLWS* 4,294,82
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 7 ug/m3 (SCP-P) — FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NICKEL CARBONYL recm std-air:TWA 1 ppb (lowest detectable) — evel)
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 7 344
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
NICKEL CARBONYL (DOT) see: QR6300000
NICKEL CARBONYLE (French) see: QR6300000
NICKEL CHLORIDE see: QR6475000

QR6475000 NICKEL(II) CHLORIDE (1:2)
UPDT:8412 CAS: 7718-54-9 MW: 129.61 MOLFM: Cl2-Ni
SYN: NA 9139 (DOT) * NICKEL CHLORIDE * NICKEL CHLORIDE (DOT) * NICKELOUS CHLORIDE
MUTATION DATA AND REFERENCES:
mmo-esc 25 mg/L — MUREAV 38,3,76
dnr-esc 200 mg/L — CRNGDP 2,189,81
dni-esc 50 umol/L — NULSAK 22,45,79
oms-esc 50 umol/L — NULSAK 22,45,79
mmo-smc 15 mmol/L — MGGEAE 174,39,79
dlt-mus-unk 25 mg/kg — MUREAV 97,180,82
otr-ham:emb 100 ug/L — FEPRA7 37,231,78
dnd-ham:ovr 1 mg/L — CALEDQ 15,35,82
dnd-ham:ovr 100 umol/L — CRNGDP 3,657,82
dns-ham:emb 100 umol/L — CALEDQ 17,273,83
msc-ham:lng 800 umol/L — MUREAV 68,259,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T24T25 orl-rat TDLo:1170 ug/kg (30W pre/1-22D preg) — GISAAA 44(6),86,79
1T26 ims-rat TDLo:12 mg/kg (8D preg) — TXAPA9 41,205,77
1T35 ims-rat TDLo:8 mg/kg (8D preg) — TXAPA9 41,205,77
2T72T81 ims-rat TDLo:16 mg/kg (8D preg) — TXAPA9 43,381,78
2T22T34 orl-mus TDLo:2560 mg/kg (2-17D preg) — NTIS** PB83-225383
1T72 ipr-mus TDLo:30 mg/kg (8D preg) — JTEHD6 10,541,82
3T24T25T26 ipr-mus TDLo:20 mg/kg (1D preg) — TXCYAC 20,45,81
3T34T41T59 ipr-mus TDLo:20 mg/kg (1D preg) — TXCYAC 20,45,81
1T35 ipr-mus TDLo:5078 ug/kg (11D preg) — TJADAB 19,137,79
2T34T46 ipr-mus TDLo:2649 ug/kg (10D preg) — TJADAB 19,137,79
1T29 unk-mus TDLo:875 mg/kg (35D male) — MUREAV 97,180,82
TOXICITY DATA AND REFERENCES:
ivn-dog LDLo:10 mg/kg — 14CYAI 2,1120,63
orl-rat LD50:105 mg/kg — RPTOAN 32,102,69
ipr-mus LD50:26 mg/kg — AEPPAE 244,17,62
ims-rbt LD50:27 mg/kg — JPETAB 87,119,46
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ACLSCP 3(3),156,73; 85DHAX Ni,168,75
★ TLV-TWA 100 ug(Ni)/m3;STEL 300 ug(Ni)/m3 — DTLVS* 4,295,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Ni)/m3 (SCP-N) — FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 — NTIS**
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
NICKEL CHLORIDE (DOT) see: QR6475000

QR6480000 NICKEL(II) CHLORIDE HEXAHYDRATE (1:2:6)
UPDT:8303 CAS: 7791-20-0 MW: 237.73 MOLFM: Cl2-Ni . 6H2-O
MUTATION DATA AND REFERENCES:
cyt-mus:mmr 100 umol/L — MUREAV 68,337,79
sce-ham:fbr 32 mg/L — MUREAV 104,141,82
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:48 mg/kg — AEPPAE 244,17,62
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Ni)/m3;STEL 300 ug(Ni)/m3 — DTLVS* 4,295,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Ni)/m3 (SCP-N) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 — NTIS**

QR6495000 NICKEL CYANIDE, (solid)
UPDT:8406 CAS: 557-19-7 MW: 110.75 MOLFM: C2-N2-Ni
SYN: NICKEL CYANIDE, SOLID (DOT) * RCRA WASTE NUMBER P074 * UN 1653 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
NICKEL CYANIDE, SOLID (DOT) see: QR6495000

QR6500000 NICKEL, compd with pi-CYCLOPENTADIENYL (1:2)
UPDT:8401 CAS: 1271-28-9 MW: 188.91 MOLFM: C10-H10 . Ni
SYN: pi-CYCLOPENTADIENYL compd with NICKEL * DI-pi-CYCLOPENTADIENYLNICKEL * NICKEL BISCYCLOPENTADIENE * NICKELOCENE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLo:600 mg/kg/52W-I — NCIUS* PH 43-64-886,DEC,65
3V02Q60V10 ims-ham TDLo:200 mg/kg — PWPSA8 14,68,71
3V02P62V10 ims-rat TD :600 mg/kg/47W-I — NCIUS* PH 43-64-886,JUL,66
3V02Q60V10 ims-rat TD :650 mg/kg/1Y-I — PWPSA8 14,68,71
2V02V10 ims-rat TD :1260 mg/kg/56W-I — NCIUS* PH 43-64-886,DEC,68
3V03Q60R60 ims-rat TD :50 mg/kg — NCIUS* PH-43-64-886,SEPT,65
2V02V10 ims-rat TD :50 mg/kg — NCIUS* PH 43-64-886,AUG,69
TOXICITY DATA AND REFERENCES:
orl-rat LD50:490 mg/kg — PWPSA8 11,39,68
ipr-rat LD50:50 mg/kg — NCIUS* PH 43-64-886,JAN,65
ims-rat LD50:82 mg/kg — NCIUS* PH 43-64-886,AUG,64
orl-mus LD50:600 mg/kg — PWPSA8 11,39,68
ipr-mus LD50:86 mg/kg — PWPSA8 11,39,68
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Ni,168,75; ACLSCP 3(3),156,73; PEXTAR 12,102,69
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 11,75,76
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 2,126,73
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
NICKEL DIBUTYLDITHIOCARBAMATE see: QR6140000
NICKEL DIFLUORIDE see: QR6825000
NICKEL DINITRITE see: RA1080000
NICKEL (DUST) see: QR5950000

QR6650000 NICKEL(II) FLUOBORATE
UPDT:8207 CAS: 14708-14-6 MW: 232.33 MOLFM: B2-F8 . Ni
SYN: BORATE(1-), TETRAFLUORO-, NICKEL(2+) (2:1) (9CI) * NICKEL BOROFLUORIDE * NICKEL FLUOROBORATE * NICKELOUS TETRAFLUOROBORATE * NICKEL(II) TETRAFLUOROBORATE * TI 1091
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg — NCNSA6 5,28,53
ihl-mus LCLo:530 mg/m3/10M — NDRC** No.9-4-1-19,44
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Ni)/m3;STEL 300 ug(Ni)/m3 — DTLVS* 4,295,80
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Ni)/m3 (SCP-N) — FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 — NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
NICKEL complex with N-FLUOREN-2-YLACETOHYDROXAMIC ACID see: AK9800000

QR6825000 NICKEL(II) FLUORIDE (1:2)
UPDT:8403 CAS: 10028-18-9 MW: 96.71 MOLFM: F2-Ni
SYN: NICKEL DIFLUORIDE * NICKELOUS FLUORIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:130 mg/kg — 19UQAS -,30,65
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ACLSCP 3(3),156,73; 85DHAX Ni,168,75

★ TLV-TWA 100 ug(Ni)/m3;STEL 300 ug(Ni)/m3 DTLVS* 4,295,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Ni)/m3 (SCP-N) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
NICKEL FLUOROBORATE see: QR6650000

QR7000000 NICKEL(II) FLUOSILICATE (1:1)
UPDT:7908 CAS: 26043-11-8 MW: [illegible] MOLFM: F6-Si Ni
SYN: SILICATE(2-), HEXAFLUORO-, NICKEL
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg NCNSA6 5,28,53
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Ni)/m3 DTLVS* 4,295,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QR7020000 NICKEL-GALLIUM ALLOY
DEF:Nickel(60 %)-gallium(40 %)alloy (JDREAF 29,1023,60)
UPDT:8401
SYN: GALLIUM-NICKEL ALLOY
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:86 mg/kg/30W-C JDREAF 39,1023,60
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Ni)/m3 DTLVS* 4,295,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Ni)/m3 (SCP-N) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QR7040000 NICKEL(II) HYDROXIDE
UPDT:8401 CAS: 12054-48-7 MW: 92.73 MOLFM: H2-Ni-O2
SYN: NA 9140 (DOT) * NICKEL HYDROXIDE (DOT) * NICKELOUS HYDROXIDE
TUMORIGENIC DATA AND REFERENCES:
3V01J60Q60 ims-rat TDLo:480 ug/kg CRNGDP 4,275,83
3V03Q60V10 ims-rat TD :60 mg/kg 45ICAX -,59,80
TOXICITY DATA AND REFERENCES:
scu-mus LD50:50 mg/kg ZVKOA6 19,186,74
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Ni,168,75; ACLSCP 3(3),156,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 11,75,76
★ TLV-TWA 100 ug(Ni)/m3;STEL 300 ug(Ni)/m3 DTLVS* 4,295,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Ni)/m3 (SCP-N) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QR7045000 NICKEL(III) HYDROXIDE
UPDT:8209 CAS: 12125-56-3 MW: 109.74 MOLFM: H3-Ni-O3
SYN: NICKEL BLACK * NICKELIC HYDROXIDE
TOXICITY DATA AND REFERENCES:
scu-mus LD50:25 mg/kg ZVKOA6 19,186,74
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Ni)/m3;STEL 300 ug(Ni)/m3 DTLVS* 4,295,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Ni)/m3 (SCP-N) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
NICKEL HYDROXIDE (DOT) see: QR7040000
NICKELIC HYDROXIDE see: QR7045000
NICKELIC OXIDE see: QR8420000

QR7060000 NICKEL IRON SULFIDE
UPDT:8401 MW: 418.93 MOLFM: Fe-Ni4-S4
SYN: IRON NICKEL SULFIDE * NICKEL-IRON SULFIDE MATTE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLo:147 mg/kg RCOCB8 14,319,76
2V02V10 ims-rat TD :1472 mg/kg PAACA3 17,11,76
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Ni)/m3 DTLVS* 4,295,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
NICKEL-IRON SULFIDE MATTE see: QR7060000

QR7080000 NICKEL(II) ISODECYL ORTHO-PHOSPHATE (3:2)
UPDT:8401 CAS: 74203-45-5
SYN: PHOSPHORIC ACID, ISODECYL NICKEL(2+) SALT (2:3)
TUMORIGENIC DATA AND REFERENCES:
2V02V10 ims-rat TDLo:320 mg/kg/35W-I NCIUS* PH 43-64-886,DEC,68
2V03V10 ims-rat TD :1260 mg/kg/30W-I NCIUS* PH 43-64-886,AUG,69
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:400 mg/kg NCIUS* PH 43-64-886,JUL,68
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
NICKEL MONOSULFATE HEXAHYDRATE see: QR9600000
NICKEL MONOSULFIDE see: QR9700000
NICKEL MONOXIDE see: QR8400000
NICKEL NITRATE see: QR7200000

QR7200000 NICKEL(II) NITRATE (1:2)
UPDT:8308 CAS: 13138-45-9 MW: 182.73 MOLFM: N2-O6 Ni
SYN: NICKEL NITRATE * NICKEL NITRATE (DOT) * NITRIC ACID, NICKEL(II) SALT * UN 2725 (DOT)
MUTATION DATA AND REFERENCES:
dlt-mus-unk 56 mg/kg MUREAV 97,180,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 itt-rat TDLo:14618 ug/kg (1D male) JRPFA4 7,21,64
2T01T02 scu-mus TDLo:14618 ug/kg (30D male) JRPFA4 7,21,64
1T29 unk-mus TDLo:1960 mg/kg (35D male) MUREAV 97,180,82
TOXICITY DATA AND REFERENCES:
ivn-mus LDLo:9 mg/kg FATOAO 23,549,60
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Ni)/m3;STEL 300 ug(Ni)/m3 DTLVS* 4,295,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Ni)/m3 (SCP-N) FEREAC 39,23540,74
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
NICKEL NITRATE (DOT) see: QR7200000

QR7300000 NICKEL(II) NITRATE, HEXAHYDRATE (1:2:6)
UPDT:7901 CAS: 13478-00-7 MW: 290.85 MOLFM: N2-O6 Ni 6H2-O
SYN: NITRIC ACID, NICKEL(2+) SALT, HEXAHYDRATE * NICKEL(2+) NITRATE, HEXAHYDRATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1620 mg/kg AIHAAP 30,470,69
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Ni)/m3;STEL 300 ug(Ni)/m3 DTLVS* 4,295,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Ni)/m3 (SCP-N) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
NICKEL(2+) NITRATE, HEXAHYDRATE see: QR7300000
NICKEL NITRITE see: RA1080000
NICKEL NITRITE (DOT) see: RA1080000
NICKELOCENE see: QR6500000
NICKELOUS ACETATE see: QR6125000
NICKELOUS CARBONATE see: QR6200000
NICKELOUS CHLORIDE see: QR6475000
NICKELOUS FLUORIDE see: QR6825000
NICKELOUS HYDROXIDE see: QR7040000
NICKELOUS OXIDE see: QR8400000
NICKELOUS SULFIDE see: QR9700000
NICKELOUS TETRAFLUOROBORATE see: QR6650000
NICKEL OXIDE see: QR8400000
NICKEL OXIDE see: QR8420000

QR8400000 NICKEL(II) OXIDE (1:1)
UPDT:8412 CAS: 1313-99-1 MW: 74.71 MOLFM: Ni-O
SYN: BUNSENITE * C.I. 77777 * GREEN NICKEL OXIDE * NICKEL MONOXIDE * NICKELOUS OXIDE * NICKEL PROTOXIDE * NICKEL OXIDE
MUTATION DATA AND REFERENCES:
otr-mus:emb 500 umol/L PAACA3 24,100,83
TUMORIGENIC DATA AND REFERENCES:
3V03Q60V10 ims-rat TDLo:180 mg/kg CNREA8 22,158,62
2V03J60 itr-rat TDLo:90 mg/kg VOONAW 24(4),44,78
2V03V10 imp-rat TDLo:95 mg/kg/78W-C PAACA3 5,50,64
2V03V10 ims-mus TDLo:400 mg/kg CNREA8 22,158,62
TOXICITY DATA AND REFERENCES:
itr-rat LDLo:20 mg/kg NTIS** AEC-TR-6710
scu-mus LD50:50 mg/kg ZVKOA6 19,186,74
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ACLSCP 3(3),156,73; FCTXAV 9,105,71; 85DHAX Ni,168,75; DICHAK 54,527,68
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 11,75,76
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 2,126,73
★ TLV-TWA 1 mg(Ni)/m3 DTLVS* 4,295,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QR8420000 NICKEL(III) OXIDE
UPDT:8309 CAS: 1314-06-3 MW: 165.42 MOLFM: Ni2-O3
SYN: DINICKEL TRIOXIDE * NICKELIC OXIDE * NICKEL OXIDE * NICKEL OXIDE PEROXIDE * NICKEL PEROXIDE * NICKEL SISQUIOXIDE * NICKEL TRIOXIDE
MUTATION DATA AND REFERENCES:
otr-mus:emb 500 umol/L PAACA3 24,100,83
TOXICITY DATA AND REFERENCES:
scu-mus LD50:50 mg/kg ZVKOA6 19,186,74
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Ni)/m3 DTLVS* 4,295,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
NICKEL OXIDE, IRON OXIDE and CHROMIUM OXIDE FUME see: NO7450000
NICKEL OXIDE PEROXIDE see: QR8420000
NICKEL PARTICLES see: QR5950000
NICKEL(2+) PERCHLORATE, HEXAHYDRATE see: SC9550000
NICKEL PEROXIDE see: QR8420000
NICKEL PICRATE see: TJ7890000

QR8650000 NICKEL POTASSIUM CYANIDE
UPDT:8401 CAS: 14220-17-8 MW: 240.99 MOLFM: C4-K2-N4-Ni
SYN: NICKELATE, TETRACYANO-, DIPOTASSIUM * POTASSIUM NICKEL CYANIDE
MUTATION DATA AND REFERENCES:
cyt-mus:mmr 1 mmol/L/48H MUREAV 67,221,79
TOXICITY DATA AND REFERENCES:
orl-mus LD50:275 mg/kg JPMSAE 52,59,63
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Ni)/m3;STEL 300 ug(Ni)/m3 DTLVS* 4,295,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Ni)/m3 (SCP-N) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
NICKEL PROTOXIDE see: QR8400000

QR8925000 NICKEL REFINERY DUST
DEF:ANALYSIS:CUPRIC OXIDE(3.4%), NICKEL SULFATE(20.0%), NICKEL SULFIDE(57.0%),NICKEL OXIDE(6.3%), COBALT OXIDE(1.0%), FERRIC OXIDE(1.8%), SILICON DIOXIDE(1.2%),MISC.(2.0%), WATER(7.3%) (CNREA8 22,158,62)
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V01V10 ims-rat TDLo:90 mg/kg CNREA8 22,152,62

2V02V10 ims-mus TDLo:135 mg/kg CNREA8 22,152,62
TOXICITY DATA AND REFERENCES:
ims-mus LDLo:800 mg/kg CNREA8 22,152,62
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ACLSCP 3(3),156,73
★ CARCINOGENIC REVIEW:HUMAN POSITIVE IARC** 2,126,73
★ TLV-TWA 1 mg(Ni)/m3 DTLVS* 4,295,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Ni)/m3 (SCP-N) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QR8927000 NICKEL SELENIDE
UPDT:8401 CAS: 12137-13-2 MW: 334.05 MOLFM: Ni3-Se2
SYN: NICKEL SELENIDE (3:2) CRYSTALLINE
MUTATION DATA AND REFERENCES:
otr-ham:emb 5 umol/plate TOXID9 1,132,81
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
★ TLV-TWA 1 mg(Ni)/m3 DTLVS* 4,295,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**

NICKEL SELENIDE (3:2) CRYSTALLINE see: QR8927000
NICKEL SISQUIOXIDE see: QR6420000
NICKEL SPONGE see: QR5950000
NICKEL SUBSULFIDE see: QR9800000
NICKEL SUBSULPHIDE see: QR9800000

QR9275000 NICKEL (II) SULFAMATE
UPDT:7908 CAS: 13770-89-3 MW: 250.89 MOLFM: H4-N2-Ni-O6-S2
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:250 mg/kg CBCCT* 4,320,52
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Ni)/m3;STEL 300 ug(Ni)/m3 DTLVS* 4,295,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Ni)/m3 (SCP-N) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QR9350000 NICKEL(II) SULFATE (1:1)
UPDT:8407 CAS: 7786-81-4 MW: 154.77 MOLFM: O4-S.Ni
SYN: NA 9141 (DOT) * NCI-C60344 * NICKELOUS SULFATE * NICKEL SULFATE * NICKEL SULFATE(1:1) * NICKEL(II) SULFATE * NICKEL(2+)SULFATE(1:1) * NICKEL SULFATE (DOT) * SULFURIC ACID, NICKEL(2+)SALT * SULFURIC ACID, NICKEL(2+) SALT (1:1)
IRRITATION DATA AND REFERENCES:
skn-chd 5%/48H ARDEAC 87,378,63
MUTATION DATA AND REFERENCES:
mmo-smc 100 mmol/L MUREAV 117,149,83
mrc-smc 100 mmol/L MUREAV 117,149,83
sce-hmn:leu 23 umol/L DMBUAE 27,40,80
otr-ham:emb 380 umol/L CNREA8 39,193,79
dnd-ham:emb 380 umol/L CNREA8 39,193,79
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:95 mg/kg/78W-C PAACA3 5,50,64
TOXICITY DATA AND REFERENCES:
3F23K01U26 ipr-rat LD50:500 mg/kg GTPZAB 23(6),48,79
ipr-mus LD50:21 mg/kg COREAF 256,1043,63
ivn-mus LDLo:7640 ug/kg FATOAO 23,549,60
scu-dog LDLo:38 mg/kg JOHYAY 8,565,08
ivn-dog LDLo:38 mg/kg JOHYAY 8,565,08
scu-cat LDLo:24 mg/kg JOHYAY 8,565,08
scu-rbt LDLo:33 mg/kg JOHYAY 8,565,08
ivn-rbt LDLo:33 mg/kg JOHYAY 8,565,08
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ACLSCP 3(3),156,73; 85DHAX Ni,168,75
★ TLV-TWA 100 ug(Ni)/m3;STEL 300 ug(Ni)/m3 DTLVS* 4,295,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Ni)/m3 (SCP-N) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NICKEL SULFATE HEXAHYDRATE see: QR9600000
NICKEL(II) SULFATE HEXAHYDRATE see: QR9600000

QR9600000 NICKEL(II) SULFATE HEXAHYDRATE (1:1:6)
UPDT:8412 CAS: 10101-97-0 MW: 262.89 MOLFM: Ni-O4-S.6H2-O
SYN: NICKEL MONOSULFATE HEXAHYDRATE * NICKEL SULFATE HEXAHYDRATE * NICKEL(II) SULFATE HEXAHYDRATE * NICKEL(2+) SULFATE HEXAHYDRATE * NICKEL SULPHATE HEXAHYDRATE * SULFURIC ACID, NICKEL(2+) SALT, HEXAHYDRATE
MUTATION DATA AND REFERENCES:
cyt-hmn:lym 5 mg/L ENMUDM 3,597,81
sce-hmn:lym 2500 ug/L ENMUDM 3,597,81
otr-ham:emb 5 mg/L DTESD7 8,259,80
cyt-ham:emb 5 mg/L ENMUDM 3,597,81
sce-ham:emb 1 mg/L ENMUDM 3,597,81
sce-ham:fbr 50 mg/L MUREAV 104,141,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T09 ipr-rat TDLo:403 mg/kg (30D male) ARTODN 37,159,77
TOXICITY DATA AND REFERENCES:
scu-dog LDLo:500 mg/kg 27ZWAY 3.2,1446,-
ivn-dog LDLo:89 mg/kg EQSSDX 1,1,75
scu-cat LDLo:500 mg/kg EQSSDX 1,1,75
ivn-cat LDLo:72 mg/kg EQSSDX 1,1,75
scu-rbt LDLo:500 mg/kg EQSSDX 1,1,75
ivn-rbt LDLo:36 mg/kg EQSSDX 1,1,75
scu-gpg LDLo:62 mg/kg EQSSDX 1,1,75
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Ni)/m3;STEL 300 ug(Ni)/m3 DTLVS* 4,295,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Ni)/m3 (SCP-N) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NICKEL(2+) SULFATE HEXAHYDRATE see: QR9600000

QR9700000 NICKEL SULFIDE
UPDT:8312 MW: 90.77 MOLFM: Ni-S
SYN: NICKEL MONOSULFIDE * NICKELOUS SULFIDE * NICKEL(II) SULFIDE * alpha-NICKEL SULFIDE (1:1) CRYSTALLINE
MUTATION DATA AND REFERENCES:
cyt-rat:oth 1 mg/L LAINAW 19,663,68
cyt-mus:mmr 1 mmol/L/48H MUREAV 67,221,79
otr-ham:emb 5 umol/plate TOXID9 1,132,81
dnd-ham:ovr 1 mg/L CALEDQ 15,35,82
dnd-ham:ovr 10 mg/L CRNGDP 3,657,82
dns-ham:ovr 1 mg/L CALEDQ 17,273,83
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Ni)/m3 DTLVS* 4,295,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**

NICKEL(II) SULFIDE see: QR9700000

QR9800000 NICKEL SULFIDE (3:2)
UPDT:8412 CAS: 12035-72-2 MW: 240.25 MOLFM: Ni3-S2
SYN: HEAZLEWOODITE * NICKEL SUBSULFIDE * NICKEL SUBSULPHIDE * alpha-NICKEL SULFIDE (3:2) CRYSTALLINE * NICKEL SULPHIDE * NICKEL TRITADISULPHIDE
MUTATION DATA AND REFERENCES:
sce-hmn:lym 1 mg/L CNREA8 41,4136,81
dnd-rat:lvr 3 mmol/L SinJF# 26OCT82
otr-mus:emb 1 ug/L CNREA8 41,4136,81
otr-ham:emb 5 umol/plate TOXID9 1,132,81
dnd-ham:ovr 10 mg/L CRNGDP 3,657,82
dns-ham:emb 10 mg/L CALEDQ 17,273,83
dnd-mam:lym 4800 mg/L BICHAW 21,771,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T26T35 ims-rat TDLo:80 mg/kg (6D preg) TXAPA9 43,381,78
TUMORIGENIC DATA AND REFERENCES:
2V01J60 ihl-rat TCLo:970 ug/m3/6H/76W-I JNCIAM 54,1165,75
2V03V10 scu-rat TDLo:125 mg/kg BJCAAI 20,190,66
3V01D29V10 ivn-rat TDLo:10 mg/kg FEPRA7 39(3,Pt.1),330,80
3V01J60Q60 ims-rat TDLo:115 mg/kg CRNGDP 4,275,83
2V01D29 ocu-rat TDLo:2500 ug/kg NTIS** DOE/EV/03140-5
2V01T61 par-rat TDLo:40 mg/kg CNREA8 38,268,78
2V03V10 imp-rat TDLo:95 mg/kg/78W-C PAACA3 5,50,64
2V03T61 itt-rat TDLo:5 mg/kg PAACA3 18,52,77
2V01M61 irn-rat TDLo:25 mg/kg LAINAW 35,71,76
2V03V10 ims-mus TDLo:200 mg/kg CNREA8 22,158,62
3V03Q60V10 imp-rbt TDLo:27 mg/kg EJCBDN 19,276,79
3V01Q60V10 ims-ham TDLo:80 mg/kg AEMBAP 91,57,77
3V02R60V10 mul-ham TDLo:272 gm/kg/18W-I AEMBAP 91,57,77
3V03Q60V10 ims-rat TD :859 ug/kg JPTLAS 97,375,69
2V01D29 ocu-rat TD :10 mg/kg IOVSDA 22,768,82
3V01J60V10 ims-rat TD :10 mg/kg CRNGDP 4,461,83
2V02V10 ims-rat TD :20 mg/kg RCOCB8 14,319,76
3V02Q60V10 ims-ham TD :40 mg/kg AEMBAP 91,57,77
2V02M61 irn-rat TD :23 mg/kg JEPTDQ 2(6),1511,79
2V01M61 irn-rat TD :45 mg/kg JEPTDQ 2(6),1511,79
2V02V10 ims-rat TD :20 mg/kg PAACA3 17,11,76
2V03T61 itt-rat TD :40 mg/kg PAACA3 18,52,77
3V01J60V10 ims-rat TD :4800 ug/kg CRNGDP 4,461,83
TOXICITY DATA AND REFERENCES:
ipr-gpg LDLo:102 ug/kg JOHYAY 8,565,08
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ACLSCP 3(3),156,73; FCTXAV 9,105,71; 85DHAX Ni,168,75; PEXTAR 12,102,69; DICHAK 54,527,68; PAPOAC 23,135,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 11,75,76
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 2,126,73
★ TLV-TWA 1 mg(Ni)/m3 DTLVS* 4,295,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

alpha-NICKEL SULFIDE (1:1) CRYSTALLINE see: QR9700000
alpha-NICKEL SULFIDE (3:2) CRYSTALLINE see: QR9800000
NICKEL SULPHATE HEXAHYDRATE see: QR9600000
NICKEL SULPHIDE see: QR9800000

QS0400000 NICKEL TELLURIDE
UPDT:8209 CAS: 12142-88-0 MW: 186.31 MOLFM: Ni-Te
TUMORIGENIC DATA AND REFERENCES:
2V03V10 ims-rat TDLo:56 mg/kg NTIS** DOE/EV/03140-5
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Ni)/m3 DTLVS* 4,295,80
★ TLV-TWA 100 ug(Te)/m3 DTLVS* 4,386,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NICKEL TETRACARBONYL see: QR6300000
NICKEL TETRACARBONYLE (French) see: QR6300000
NICKEL(II) TETRAFLUOROBORATE see: QR6550000
NICKEL-TITANATE see: QS0635000

QS0635000 NICKEL TITANIUM OXIDE
UPDT:8401 CAS: 12035-39-1 MW: 154.61 MOLFM: Ni-O3-Ti
SYN: NICKEL-TITANATE * TITANIUM NICKEL OXIDE
TUMORIGENIC DATA AND REFERENCES:
2V01P62 ims-rat TDLo:210 mg/kg/91W-I NCIUS* PH 43-69-886,DEC,68
2V03V10 imp-rat TDLo:200 mg/kg JJIND8 67,965,81
2V03P62 ims-rat TD :945 mg/kg/91W-I NCIUS* PH 43-64-886,AUG,69
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Ni)/m3;STEL 300 ug(Ni)/m3 DTLVS* 4,295,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Ni)/m3 (SCP-N) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NICKEL TRIOXIDE see: QR8420000
NICKEL TRITADISULPHIDE see: QR9800000
NICKENOL 371 see: ZH7200000
NICLOFEN see: KN8400000
NICLOSAMIDE see: VN8400000
NICLOSAMIDE see: VN8575000
NICO see: QT0525000
NICO-400 see: QT0525000
NICOBID see: QT0525000
NICOBION see: QS3675000
NICOCAP see: QT0525000
NICOCHLORAN see: GV4900000
NICOCIDE see: QS5250000
NICOCIDIN see: QT0525000
NICOCODINE see: QD1225000
NICOCRISINA see: QT0525000
NICODAN see: QT0525000
NICODEL see: US7972100
NICODELMINE see: QT0525000
NICO-DUST see: QS5250000
NICOFORT see: QS3675000
NICO-FUME see: QS5250000
NICOGEN see: QS3675000
NICOLANE see: RD2625000
NICOLAR see: QT0525000
NICOLEN see: RQ3675000
NICOLIN see: GA4027000
NICOMOL see: QT2065000
NICOMIDOL see: QS3675000
NICONACID see: QT0525000
NICONAT see: QT0525000
NICONAZID see: QT0525000
NICONYL see: NS1750000
NICOR see: QS4375000
NICORDAMIN see: QS4375000
NICORINE see: QS4375000
NICOROL see: QT0525000
NICOROL see: CB2625000
NICORYL see: QS4375000
NICOSAN 2 see: QS3675000
NICOSIDE see: QT0525000
NICO-SPAN see: QT0525000
NICOSYL see: QT0525000
NICOTA see: QS3675000
NICOTAMIDE see: QS3675000
NICOTAMIN see: QT0525000
NICOTENE see: QT0525000
NICOTERGOLINE see: KE6341000

QS2920000 NICOTIANA PLUMBAGINIFOLIA Viv., extract
DEF: Indian plant belonging to the family SOLANACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: JANGLI TAMBACOO EXTRACT
TOXICITY DATA AND REFERENCES:
3H30J30V30 ipr-mus LD50:125 mg/kg IJEBA6 7,250,69

NICOTIANA TABACUM see: XR7357200
NICOTIBINA see: NS1750000
NICOTIBINE see: NS1750000
NICOTIL see: QT0525000
NICOTILAMIDE see: QS3675000
NICOTILILAMIDO see: QS3675000
NICOTINA (Italian) see: QS5250000

QS3675000 NICOTINAMIDE
UPDT:8406 CAS: 98-92-0 MW: 122.14 MOLFM: C6-H6-N2-O
SYN: ACID AMIDE * AMIDE PP * AMINICOTIN * AMIXICOTYN * AMNICOTIN * AUSTROVIT PP * BENICOT * DELONIN AMIDE * DIPEGYL * DIPIGYL * ENDOBION * FACTOR PP * HANSAMID * INOVITAN PP * NAM * NIACEVIT * NIACINAMIDE * NIAMIDE * NICAMIDE * NICAMINA * NICAMINDON * NICASIR * NICOBION * NICOFORT * NICOGEN * NICOMIDOL * NICOSAN 2 * NICOTA * NICOTAMIDE * NICOTILAMIDE * NICOTILILAMIDO * NICOTINE ACID AMIDE * NICOTINIC ACID AMIDE * NICOTINIC AMIDE * NICOTINSAUREAMID (German) * NICOTOL * NICOTYLAMIDE * NICOVEL * NICOVIT * NICOVITOL * NICOZYMIN * NIKO-TAMIN * NIKOTINSAEUREAMID (German) * NIOCINAMIDE * NIOZYMIN * PELMIN * PELMINE * PELONIN AMIDE * PP-FAKTOR * PYRIDINE-3-CARBOXYLIC ACID AMIDE * 3-PYRIDINECARBOXYLIC ACID AMIDE * SAVACOTYL * NANDERVIT-N * VI-NICOTYL * VI-NOCTYL * VITAMIN B3 * VITAMIN PP * WITAMINA PP
MUTATION DATA AND REFERENCES:
dni-rat:lvr 20 mmol/L JJIND8 69,1353,82
sce-ham:ovr 5 mmol/L MUREAV 126,63,84
TOXICITY DATA AND REFERENCES:
scu-rat LD50:1680 mg/kg PSEBAA 62,19,46
ivn-rat LD50:2200 mg/kg JPETAB 76,75,42
* orl-mus LD50:2500 mg/kg NIIRDN 6,545,82
scu-mus LDLo:1800 mg/kg JPETAB 65,95,39
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NICOTINAMIDE, 6-AMINO- see: US4550000

QS4000100 NICOTINAMIDE, 6-AMINO-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-
UPDT:8303 MW: 278.40 MOLFM: C14-H22-N4-O2
SYN: 6-AMINO-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXYNICOTINAMIDE * 2-(2-AMINO-4-METHOXY-5-PYRIDYL-CARBOXAMIDOMETHYL)-1-ETHYLPYRROLIDINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg EJMCA5 17,437,82

NICOTINAMIDE, N-(o-CARBOXYPHENYL)- see: CB3590000
NICOTINAMIDE, N-(m-CARBOXYPHENYL)-, 1-OXIDE see: DH4800000

QS4247000 NICOTINAMIDE, N-(2-(p-CHLOROPHENOXY)-1,2-DIMETHYLPROPYL)-
UPDT:8402 MW: 318.83 MOLFM: C17-H19-Cl-N2-O2
SYN: N-(2-(p-CHLOROPHENOXY)-1,2-DIMETHYLPROPYL)NICOTINAMIDE * 1-NICOTINOIL-3-(4-CLOROFENOSSI)-3-METILISOBUTILAMMINA (Italian)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg FRPSAX 38,664,83

QS4248000 NICOTINAMIDE, N-(2-(p-CHLOROPHENOXY)-2-METHYLPROPYL)-
UPDT:8402 MW: 304.80 MOLFM: C16-H17-Cl-N2-O2
SYN: N-(2-(p-CHLOROPHENOXY)-2-METHYLPROPYL)NICOTINAMIDE * 1-NICOTINOIL-2-(4-CLOROFENOSSI)-2-METILPROPILAMMINA (Italian)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg FRPSAX 38,664,83

QS4375000 NICOTINAMIDE, N,N-DIETHYL-
UPDT:8407 CAS: 59-26-7 MW: 178.26 MOLFM: C10-H14-N2-O
SYN: ANACARDONE * ANACORDONE * ASTROCAR * BETAPYRIMIDUM * CAMPHOZONE * CARBAMIDAL * CARDAMINE * CARDIAGEN * CARDIAMID * CARDIAMINA * CARDIAMINE * CARDIMON * CITOCOR * CORACON * CORAETHAMIDE * CORAETHAMIDUM * CORALEPT * CORAMINE * CORAVITA * CORAZONE * CORDIAMID * CORDIAMIN * CORDIAMINE * CORDITON * CORDYNIL * COREDIOL * CORESPIN * CORETHAMIDE * CORETONE * CORMED * CORMID * CORMOTYL * CORNOTONE * COROTONIN * COROVIT * CORVITAN * CORVITOL * CORVOTONE * CORYWAS * DANAMINE * DIAETHYL-NICOTINAMID (German) * DIETHYLNICOTAMIDE * N,N-DIETHYLNICOTINAMIDE * N,N-DIETHYL-3-PYRIDINECARBOXAMIDE * DIETILAMIDE-CARBOPIRIDINA * DINACORYL * DYNACORYL * DYNAMICARDE * ELITONE * EUCORAN * HANSACOR * INICARDIO * KARDIAMID * KARDONYL * KORDIAMIN * LEPTAMIN * MEDIAMID * NIAMINE * NICAMIDE * NICETAMIDE * NICETHAMIDE * NICOR * NICORDAMIN * NICORINE * NICORYL * NICOTINIC ACID DIETHYLAMIDE * NIKARDIN * NIKETAMID * NIKETHAMIDE * NIKETHAROL * NIKETHYL * NIKETILAMID * NIKORIN * NIKOTIN * NIQUETAMIDA * NISETAMIDE * PERCORAL * PROCARDINE * PROCORMAN * PYRICARDYL * PYRIDINE-3-CARBOXYDIETHYLAMIDE * PYRIDINE-3-CARBOXYLIC ACID DIETHYLAMIDE * REFORMIN * REHORMIN * SALVACARD * SOLYACORD * SALVACORIN * STELLAMINE * STIMINOL * STIMULIN * TONOCARD * TONOCOR * VASAZOL * VENTRAMINE
TOXICITY DATA AND REFERENCES:
scu-rat LD50:240 mg/kg PSEBAA 62,19,46
ivn-rat LD50:191 mg/kg 27ZIAQ -,173,73
orl-mus LD50:188 mg/kg RPOBAR 1,423,64
ipr-mus LD50:174 mg/kg JPETAB 128,176,60
* scu-mus LD50:200 mg/kg BCFAAI 111,293,72
ivn-mus LD50:180 mg/kg SMWOAS 85,305,55
scu-dog LDLo:175 mg/kg 27ZWAY -,-,37
ivn-dog LDLo:175 mg/kg 27ZWAY -,-,37
* orl-rbt LDLo:650 mg/kg 85ESA3 9,850,76
ipr-rbt LD50:225 mg/kg 27ZWAY -,-,37
scu-rbt LDLo:350 mg/kg 27ZWAY -,-,37
ivn-rbt LDLo:150 mg/kg JPETAB 66,260,39
ipr-gpg LDLo:250 mg/kg 27ZWAY -,-,37
scu-gpg LDLo:300 mg/kg 27ZWAY -,-,37

QS4470520 NICOTINAMIDE, 1,6-DIHYDRO-N,N-DIETHYL-6-OXO-1-(1,3,4-THIADIAZOL-2-YLMETHYL)-
UPDT:8312 MW: 292.39 MOLFM: C13-H16-N4-O2-S
SYN: 1,6-DIHYDRO-N,N-DIETHYL-6-OXO-1-(1,3,4-THIADIAZOL-2-YLMETHYL)NICOTINAMIDE
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:1600 mg/kg JPMSAE 54,1686,65

QS4472800 NICOTINAMIDE, N-ETHYL-N-(2-METHYL-1,3-DIOXOLAN-3-YLMETHYL)-
UPDT:8402 MW: 250.33 MOLFM: C13-H18-N2-O3
SYN: N-ETHYL-N-(2-METHYL-1,3-DIOXOLAN-3-YLMETHYL)NICOTANAMIDE * N-ETHYL N-(METHYL-4 METHYL-2 DIOXOLANNYL-1,3) NICOTINAMIDE (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1260 mg/kg APFRAD 20,714,62

QS4473800 NICOTINAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-
UPDT:8303 MW: 263.38 MOLFM: C14-H21-N3-O2
SYN: N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXYNICOTINAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:130 mg/kg EJMCA5 17,437,82

QS4476100 NICOTINAMIDE, N-(3-(4-(p-FLUOROPHENYL)-1-PIPERAZINYL)-1-METHYLPROPYL)-
UPDT:8412 CAS: 27367-90-4 MW: 356.49 MOLFM: C20-H25-F-N4-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:890 mg/kg GWXXBX #1957371
* ivn-mus LD50:145 mg/kg GWXXBX #1957371

QS4476200 NICOTINAMIDE, N-(3-(4-(p-FLUOROPHENYL)-1-PIPERAZINYL)-1-METHYLPROPYL)-, TRIHYDROCHLORIDE
UPDT:8306 CAS: 34426-53-4 MW: 465.87 MOLFM: C20-H25-F-N4-O 3Cl-H
SYN: N-(3-(4-(p-FLUOROPHENYL)-1-PIPERAZINYL)-1-METHYLPROPYL)NICOTINAMIDE TRIHYDROCHLORIDE * NIAPRAZINE TRIHYDROCHLORIDE * 3-PYRIDINECARBOXAMIDE, N-(3-(4-(4-FLUOROPHENYL)-1-PIPERAZINYL)-1-METHYLPROPYL)-, 3HCl
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:890 mg/kg THERAP 26,1203,71
* ivn-mus LD50:145 mg/kg THERAP 26,1203,71

QS4482600 NICOTINAMIDE, N-METHYL-N-(2-METHYL-1,3-DIOXOLAN-3-YLMETHYL)-
UPDT:8402 MW: 236.30 MOLFM: C12-H16-N2-O3
SYN: N-METHYL-N-(2-METHYL-1,3-DIOXOLAN-3-YLMETHYL)NICOTINAMIDE * N-METHYL N-(METHYL-4 METHYL-2 DIOXOLANNYL-1,3) NICOTINAMIDE (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2550 mg/kg APFRAD 20,714,62

QS4483700 NICOTINAMIDE, N-(2-((p-PHENETIDINO)SULFONYL)ETHYL)-
UPDT:8311 CAS: 21925-23-5 MW: 349.44 MOLFM: C16-H19-N3-O4-S
SYN: NICOTINOYLTAURINOPHENETIDINE * N-(2-((p-PHENETIDINO)SULFONYL)ETHYL)NICOTINAMIDE * 3-PYRIDINECARBOXAMIDE, N-(2-(((4-ETHOXYPHENYL)AMINO)SULFONYL)ETHYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:6800 mg/kg JPMSAE 60,249,71
2F17F19 ipr-mus LD50:1650 mg/kg JPMSAE 60,249,71

QS4483750 NICOTINAMIDE, N-(2-((p-PHENETIDINO)SULFONYL)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8311 MW: 383.90 MOLFM: C16-H19-N3-O4-S Cl-H
SYN: NICOTINOYLTAURINOPHENETIDINE HYDROCHLORIDE * N-(2-((p-PHENETIDINO)SULFONYL)ETHYL)NICOTINAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:4650 mg/kg JPMSAE 60,249,71
3F12F17F19 ipr-mus LD50:470 mg/kg JPMSAE 60,249,71

QS4484700 NICOTINAMIDE, N-(2-(2-PYRIDYLSULFAMOYL)ETHYL)-
UPDT:8312 CAS: 31644-54-9 MW: 306.37 MOLFM: C13-H14-N4-O3-S
SYN: NICOTINOYLTAURAMINOPYRIDINE * 3-PYRIDINECARBOXAMIDE, N-(2-((2-PYRIDINYLAMINO)SULFONYL)ETHYL)- * N-(2-(2-PYRIDYLSULFAMOYL)ETHYL)NICOTINAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3800 mg/kg JPMSAE 61,884,72

QS4650000 NICOTINAMIDINE, N-(p-CHLOROPHENYL)-2-METHOXY-6-METHYL-
UPDT:8402 MW: 275.76 MOLFM: C14-H14-Cl-N3-O
SYN: N-(p-CHLOROPHENYL)-2-METHOXY-6-METHYLNICOTINAMIDINE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:285 mg/kg PCJOAU 17,93,83

QS4700000 NICOTINAMIDINE, N-(3-CHLORO-p-TOLYL)-
UPDT:8306 CAS: 23565-08-4 MW: 233.72 MOLFM: C12-H12-Cl-N3
SYN: N-(3-CHLORO-p-TOLYL)NICOTINAMIDINE * 3-PYRIDINECARBOXIMIDAMIDE, N-(3-CHLORO-4-METHYLPHENYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:450 mg/kg APFRAD 30,735,72

QS4710000 NICOTINAMIDINE, N-(3,4-DICHLOROPHENYL)-
UPDT:8306 CAS: 23557-73-5 MW: 266.14 MOLFM: C12-H9-Cl2-N3
SYN: N-(3,4-DICHLOROPHENYL)NICOTINAMIDINE * 3-PYRIDINECARBOXIMIDAMIDE, N-(3,4-DICHLOROPHENYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:4200 mg/kg APFRAD 30,735,72

QS4720000 NICOTINAMIDINE, N-(2,5-DIMETHOXYPHENYL)-
UPDT:8306 MW: 257.32 MOLFM: C14-H15-N3-O2
SYN: N-(2,5-DIMETHOXYPHENYL)NICOTINAMIDINE * 3-PYRIDINECARBOXIMIDAMIDE, N-(2,5-DIMETHOXYPHENYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1400 mg/kg APFRAD 30,735,72

QS4730000 NICOTINAMIDINE, N-(m-FLUOROPHENYL)-
UPDT:8306 CAS: 23564-95-6 MW: 203.24 MOLFM: C11-H10-F-N3

SYN: N-(m-FLUOROPHENYL)NICOTINAMIDINE * 3-PYRIDINECARBOXIMIDAMIDE, N-(3-FLUOROPHENYL)-

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:2000 mg/kg	APFRAD 30,735,72

QS4'39000 NICOTINAMIDINE, 2-METHOXY-6-METHYL-N-PHENYL-
UPDT:8402 MW: 241.32 MOLFM: C14-H15-N3-O
SYN: 2-METHOXY-6-METHYL-N-PHENYL-NICOTINAMIDINE

TOXICITY DATA AND REFERENCES:

1F12	ipr-mus LD50:80 mg/kg	PCJOAU 17,93,83

QS4740000 NICOTINAMIDINE, N-(o-METHOXYPHENYL)-
UPDT:8306 CAS: 23564-98-9 MW: 227.29 MOLFM: C13-H13-N3-O
SYN: N-(o-METHOXYPHENYL)NICOTINAMIDINE * 3-PYRIDINECARBOXIMIDAMIDE, N-(2-METHOXYPHENYL)-

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:290 mg/kg	APFRAD 30,735,72

QS4750000 NICOTINAMIDINE, N-(p-METHOXYPHENYL)-
UPDT:8306 CAS: 23565-00-6 MW: 227.29 MOLFM: C13-H13-N3-O
SYN: N-(p-METHOXYPHENYL)NICOTINAMIDINE * 3-PYRIDINECARBOXIMIDAMIDE, N-(4-METHOXYPHENYL)-

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:850 mg/kg	APFRAD 30,735,72

QS4760000 NICOTINAMIDINE, N-1-NAPHTHYL-
UPDT:8306 CAS: 23565-02-8 MW: 247.32 MOLFM: C16-H13-N3
SYN: N-1-NAPHTHYLNICOTINAMIDINE * 3-PYRIDINECARBOXIMIDAMIDE, N-1-NAPHTHALENYL-

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:540 mg/kg	APFRAD 30,735,72

QS4770000 NICOTINAMIDINE, N-2-NAPHTHYL-
UPDT:8306 CAS: 23565-04-0 MW: 247.32 MOLFM: C16-H13-N3
SYN: N-2-NAPHTHYLNICOTINAMIDINE * 3-PYRIDINECARBOXIMIDAMIDE, N-2-NAPHTHALENYL

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:800 mg/kg	APFRAD 30,735,72

QS4775000 NICOTINAMIDINE, N-PHENYL-
UPDT:8402 MW: 197.2 MOLFM: C12-H11-N3
SYN: N-PHENYLNICOTINAMIDINE

TOXICITY DATA AND REFERENCES:

1F12	ipr-mus LD50:320 mg/kg	PCJOAU 17,93,83

QS4780000 NICOTINAMIDINE, N-p-TOLYL-
UPDT:8306 CAS: 23557-74-6 MW: 211.29 MOLFM: C13-H13-N3
SYN: 3-PYRIDINECARBOXIMIDAMIDE, N-(4-METHYLPHENYL)- * N-p-TOLYLNICOTINAMIDINE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:250 mg/kg	APFRAD 30,735,72

QS4790000 NICOTINAMIDINE, N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-
UPDT:8306 CAS: 23564-97-8 MW: 253.25 MOLFM: C12-H10-F3-N3
SYN: 3-PYRIDINECARBOXIMIDAMIDE, N-(3-(TRIFLUOROMETHYL)PHENYL)- * N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)NICOTINAMIDINE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1400 mg/kg	APFRAD 30,735,72

QS4800000 NICOTINAMIDINE, N-(3,4,5-TRIMETHOXYPHENYL)-
UPDT:8306 CAS: 23564-94-5 MW: 287.35 MOLFM: C15-H17-N3-O3
SYN: 3-PYRIDINECARBOXIMIDAMIDE, N-(3,4,5-TRIMETHOXYPHENYL)- * N-(3,4,5-TRIMETHOXYPHENYL)NICOTINAMIDINE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:230 mg/kg	APFRAD 30,735,72

o-NICOTINAMIDOBENZOIC ACID see: CB3590000

QS5110000 NICOTINAMIDOXIME, 2-METHOXY-6-METHYL-
UPDT:8402 MW: 181.22 MOLFM: C8-H11-N3-O2
SYN: AMIDOXIME of 2-METHOXY-6-METHYL-NICOTINIC ACID * 6-METHYL-2-METHOXYNICOTINAMIDOXIME

TOXICITY DATA AND REFERENCES:

1F12	ipr-mus LD50:155 mg/kg	PCJOAU 17,93,83

QS5250000 NICOTINE
UPDT:8412 CAS: 54-11-5 MW: 162.26 MOLFM: C10-H14-N2
SYN: BLACK LEAF * BLACK LEAF 40 * DESTRUXOL ORCHID SPRAY * EMO-NIK * ENT 3,424 * FUMETOBAC * MACH-NIC * 1-METHYL-2-(3-PYRIDYL)PYRROLIDINE * l-3-(1-METHYL-2-PYRROLIDYL)PYRIDINE * (-)-3-(1-METHYL-2-PYRROLIDYL)PYRIDINE * NIAGARA P.A. DUST * NICOCIDE * NICO-DUST * NICO-FUME * NICOTINA (Italian) * NICOTINE ALKALOID * NICOTINE, LIQUID (DOT) * NICOTINE, solid (DOT) * NIC-SAL * NIKOTIN (German) * NIKOTYNA (Polish) * ORTHO N-4 DUST * ORTHO N-5 DUST * ORTHO N-4 and N-5 DUSTS * PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)- * PYRIDINE, 3-(TETRAHYDRO-1-METHYLPYRROL-2-YL) * beta-PYRIDYL-alpha-N-METHYLPYRROLIDINE * PYRROLIDINE, 1-METHYL-2-(3-PYRIDAL)- * RCRA WASTE NUMBER P075 * TENDUST * TETRAHYDRONICOTYRINE, dl- * UN 1654 (DOT)

MUTATION DATA AND REFERENCES:

	mmo-smc 100 ppm	RSTUDV 6,161,76
	dlt-mus-ipr 10 mg/kg/2D-I	IRLCDZ 6,461,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T47	orl-wmn TDLo:40 ug/kg (24W preg)	BJOGAS 90,710,83
2T81T83	orl-rat TDLo:59400 ug/kg (1-22D preg)	PSEBAA 116,956,64
1T85	orl-rat TDLo:594 mg/kg (4W male/4W pre-3W post)	NETOD7 1,221,79
3T34T44T85	ipr-rat TDLo:5250 ug/kg (1-21D preg)	ACNSAX 15,148,73
1T13	scu-rat TDLo:9 mg/kg (9D pre)	BIREBV 19,326,78
3T01T02T03	scu-rat TDLo:320 mg/kg (32D male)	IJEBA6 19,604,81
3T16T34T85	scu-rat TDLo:40 mg/kg (7-14D preg)	TJADAB 23,53A,81
1T71	scu-rat TDLo:9 mg/kg (14-22D preg)	BNEOBV 35,290,79
1T34	scu-rat TDLo:32 mg/kg (1-8D preg)	ENDKAC 69,359,77
2T17T81	scu-rat TDLo:22500 ug/kg (21D preg)	AJOGAH 95,515,66
3T53T81T91	scu-rat TDLo:12 mg/kg (15-18D preg)	TJADAB 25(2),77A,82
3T72T75T81	par-rat TDLo:126 mg/kg (1-21D preg)	AJOGAH 100,957,68
3T16T71T76	par-rat TDLo:126 mg/kg (1-21D preg)	AJOGAH 110,522,71
1T29	par-rat TDLo:60 mg/kg (1-5D preg)	BIRSB5 20(Suppl 1),52A,59
1T34	orl-mus TDLo:16 mg/kg (7D preg)	TJADAB 14,252,76
1T34	orl-mus TDLo:642 mg/kg (21D pre/1-21D preg)	TXAPA9 66,30,82
3T25T35T46	ipr-mus TDLo:24 mg/kg (9-11D preg)	SCIEAS 127,877,58
3T16T43T46	ipr-mus TDLo:1 mg/kg (10D preg)	TJADAB 27,40A,83
1T81	ipr-mus TDLo:1 mg/kg (10D preg)	TJADAB 27,40A,83
3T25T35T46	scu-mus TDLo:25 mg/kg (7D preg)	SCIEAS 127,877,58
1T26	scu-mus TDLo:25 mg/kg (5D preg)	SCIEAS 127,877,58
1T39	ivn-mky TDLo:500 ug/kg (17W preg)	AJOGAH 111,1092,71
1T85	par-gpg TDLo:408 mg/kg (1-68D preg)	NTOTDY 4,365,82
1T81	par-gpg TDLo:408 mg/kg (1-68D preg)	ANREAK 193,159,79

TOXICITY DATA AND REFERENCES:

	unk-man LDLo:882 ug/kg	85DCAI 2,73,70
2F08K13	rec-hmn TDLo:1430 ug/kg	CTOXAO 10,391,77
*	orl-rat LD50:50 mg/kg	FMCHA2 -,C168,83
	skn-rat LD50:140 mg/kg	WRPCA2 9,119,70
	scu-rat LD90:60 mg/kg	RPTOAN 31,260,68
	ivn-rat LDLo:1 mg/kg	27ZIAQ -,171,73
	ims-rat LDLo:15 mg/kg	SCIEAS 127,1054,58
	par-rat LDLo:34 mg/kg	JPETAB 48,317,33
	orl-mus LD50:3340 ug/kg	HYSAAV 34(4-6),187,69
	ipr-mus LD50:5900 ug/kg	TXAPA9 28,227,74
	scu-mus LDLo:16 mg/kg	AEPPAE 188,605,38
3F11F12J22	ivn-mus LD50:300 ug/kg	BJPCBM 35,161,69
	ims-mus LDLo:8 mg/kg	SCIEAS 127,1054,58
	orl-dog LD50:9200 ug/kg	PSEBAA 29,1177,32
	ivn-dog LD50:5 mg/kg	JPETAB 95,506,49
	ims-dog LDLo:7700 ug/kg	PSEBAA 29,1177,32
	par-dog LDLo:5700 ug/kg	PSEBAA 29,1177,32
	ims-mky LDLo:6 mg/kg	SCIEAS 127,1054,58
	ivn-cat LD50:2 mg/kg	JPETAB 95,506,49
	ims-cat LDLo:9 mg/kg	SCIEAS 127,1054,58
2F12J25	skn-rbt LD50:50 mg/kg	AFDOAQ 16,3,52
	ipr-rbt LD50:14 mg/kg	PSEBAA 58,231,45
	ivn-rbt LD50:9400 ug/kg	JPETAB 95,506,49
	ims-rbt LDLo:30 mg/kg	SCIEAS 127,1054,58
	scu-gpg LDLo:15 mg/kg	JPETAB 48,95,33
	ims-gpg LDLo:15 mg/kg	SCIEAS 127,1054,58
	orl-pgn LD50:75 mg/kg	TXAPA9 21,315,72
	ims-pgn LDLo:9 mg/kg	SCIEAS 127,1054,58
	orl-dck LD50:75 mg/kg	TXAPA9 21,315,72
	ivn-mam LD50:8 mg/kg	30ZDA9 -,406,71
3F07F17F19	ims-hor LDLo:8800 ug/kg	SCIEAS 127,1054,58
3F07F17F19	ims-ctl LDLo:9 mg/kg	SCIEAS 127,1054,58
3F07F17F19	ims-hor LDLo:8800 mg/kg	SCIEAS 127,1054,58
*	ims-brd LDLo:8 mg/kg	PHZOA9 12,238,39

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CLPTAT 5,480,64; CLCHAU 19,361,73; ADVPA3 4,263,66; FNSCA6 2,67,73

★ TLV-TWA 500 ug/m3; STEL 1500 ug/m3	DTLVS* 4,300,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug/m3 (skin) (SCP-T)	FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172.101,82

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S293
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QS5260000 2'-beta-H-NICOTINE
UPDT:8411 CAS: 25162-00-9 MW: 162.26 MOLFM: C10-H14-N2

TOXICITY DATA AND REFERENCES:

*	ims-brd LDLo:25 mg/kg	PHZOA9 12,238,39

NICOTINE ACID see: QT0525000
NICOTINE ACID AMIDE see: QS3675000
NICOTINE ACID TARTRATE see: QT0350000
NICOTINE ALKALOID see: QS5250000
NICOTINE BITARTRATE see: QT0350000

QS6405000 NICOTINE, 1'-DEMETHYL-, (S)-
UPDT:8403 CAS: 494-97-3 MW: 148.23 MOLFM: C9-H12-N2
SYN: NORNICOTIN * NORNICOTINE * PYRIDINE, 3-(2-PYRROLIDINYL)-, (S)- * 2-(3-PYRIDYL)PYRROLIDINE * 3-(2-PYRROLIDINYL)PYRIDINE

TOXICITY DATA AND REFERENCES:

*	ipr-rat LDLo:23500 ug/kg	MEIEDD 10,963,83
*	ipr-mus LD50:14660 ug/kg	NAIZAM 8,69,57
	ivn-rbt LD50:3 mg/kg	PSEBAA 58,231,45

QS6550000 NICOTINE, 1'-DEMETHYL-1'-NITROSO-
UPDT:8412 CAS: 16543-55-8 MW: 177.23 MOLFM: C9-H11-N3-O
SYN: NICOTINE, 1'-NITROSO-1'-DEMETHYL- * 1'-NITROSO-1'-DEMETHYLNICOTINE * N'-NITROSONORNICOTINE * 1-NITROSO-2-(3-PYRIDYL)PYRROLIDINE * 3-(1-NITROSO-2-PYRROLIDINYL)PYRIDINE * NNN

MUTATION DATA AND REFERENCES:

	mma-sat 50 ug/plate	MUREAV 40,19,76
	mmo-esc 50 ug/plate	MUREAV 40,19,76
	mrc-bcs 20 ug/disc/24H	MUREAV 40,19,76
	dnd-rat-ivn 360 ug/kg	CNREA8 42,2877,82

TUMORIGENIC DATA AND REFERENCES:

3V01D09K60	orl-rat TDLo:567 mg/kg/27W-C	CNREA8 44,2285,84
2V03K60	ipr-rat TDLo:880 mg/kg/8W-I	CALEDQ 6,365,79
2V01D09	scu-rat TDLo:567 mg/kg/22W-I	CNREA8 44,2285,84
2V02J60	ipr-mus TDLo:880 mg/kg/7W-I	JNCIAM 60,819,78
3V01D09J60	ipr-ham TDLo:1422 mg/kg/25W-I	CNREA8 41,2849,81
2V02J60	scu-ham TDLo:1288 mg/kg/6W-I	IAPUDO 41,309,82
3V01D09J60	unk-ham TDLo:2836 mg/kg/25W-I	IAPUDO 41,635,82
3V02J60M61	ipr-mus TD :3300 mg/kg/41W-I	NATUAS 202,1126,64
3V01D09J60	ipr-ham TD :2850 mg/kg/25W-I	CNREA8 41,2849,81
3V02D09J60	scu-ham TD :3100 mg/kg/25W-I	CALEDQ 2,169,77
2V02J60	scu-ham TD :1290 mg/kg/6W-I	CNREA8 41,2386,81
3V03A60D09	scu-rat TD :1640 mg/kg/14W-I	IAPUDO 41,497,82
3V02D09J60	unk-ham TD :1418 mg/kg/25W-I	IAPUDO 41,635,82
3V01D09L60	scu-rat TD :3160 mg/kg/20W-I	CNREA8 40,298,80

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 17,281,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 17,281,78

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NICOTINE, solid (DOT) see: QS5250000
NICOTINE HYDROCHLORIDE see: QS8575000

QS8575000 NICOTINE HYDROCHLORIDE (d,l)
UPDT:8403 CA. 2820-51-1 MW: 417.48 MOLFM: C10-H14-N2 xCl-H
SYN: CHLORHYDRATE de NICOTINE (French) * NICOTINE HYDROCHLORIDE * NICOTINE HYDROCHLORIDE (DOT * NICOTINE HYDROCHLORIDE SOLUTION * UN 1656 (DOT)

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:13500 mg/kg	AIPTAK 223,132,76
	ivn-rbt LDLo:6500 ug/kg	JPETAB 77,343,43
2F12J25	ipr-gpg LDLo:32 mg/kg	AJEBAK 25,83,47

STANDARDS & REGULATIONS:

★ DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172.101,82

NICOTINE HYDROCHLORIDE (DOT) see: QS8575000
NICOTINE HYDROCHLORIDE SOLUTION see: QS8575000
NICOTINE HYDROGEN TARTRATE see: QT0350000
(-)-NICOTINE HYDROGEN TARTRATE see: QT0350000
NICOTINE, LIQUID (DOT) see: QS5250000

QS9600000 NICOTINE, MONOSALICYLATE
UPDT:8308 CAS: 29790-52-1 MW: 300.39 MOLFM: C10-H14-N2 .C7-H6-O3
SYN: NICOTINE SALICYLATE (DOT) * UN 1657 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172.101,82

NICOTINE, 1'-NITROSO-1'-DEMETHYL- see: QS6550000
NICOTINE SALICYLATE (DOT) see: QS9600000
NICOTINE SULFATE see: QS9625000

QS9625000 NICOTINE, SULFATE (2:1)
UPDT:8407 CAS: 65-30-5 MW: 418.56 MOLFM: C20-H26-N4 .O4-S
SYN: ENT 2,435 * l-1-METHYL-2-(3-PYRIDYL)-PYRROLIDINE SULFATE * (S)-3-(1-METHYL-2-PYRROLIDINYL)PYRIDINE SULFATE (2:1) * l-3-(1-METHYL-2-PYRROLIDYL)PYRIDINE SULFATE * NICOTINE SULFATE * NICOTINE SULFATE, liquid (DOT) * NICOTINE SULFATE, SOLID (DOT) * PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-, (S)-, SULFATE (2:1) * PYRROLIDINE, 1-METHYL-2-(3-PYRIDYL)-, SULFATE * SULFATE DE NICOTINE (French) * UN 1658 (DOT)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:50 mg/kg	ARSIM* 20,16,66

	skn-rat LD50:285 mg/kg	TXAPA9 2,88,60
3F05F11F12	ipr-rat LD90:29 mg/kg	NURIBL 23,43,81
	orl-mus LD50:8550 ug/kg	HYSAAV 34(4-6),187,69
	orl-bwd LD50:75 mg/kg	TXAPA9 21,315,72

STANDARDS & REGULATIONS:

★ DOT-HAZARD:POISON B; LABEL:POISON, liquid	CFRGBR 49,172,101,82
★ DOT-HAZARD:POISON B; LABEL:POISON, solid	CFRGBR 49,172,101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NICOTINE SULFATE, liquid (DOT) see: QS9625000

NICOTINE SULFATE, SOLID (DOT) see: QS9625000

NICOTINE TARTRATE see: QT0350000

QT0350000 NICOTINE, TARTRATE (1:2)

UPDT:8411 CAS:65-31-6 MW:462.46 MOLFM:C10-H14-N2.2C4-H6-O6

SYN: NICOTINE ACID TARTRATE * NICOTINE BITARTRATE * NICOTINE HYDROGEN TARTRATE * (-)-NICOTINE HYDROGEN TARTRATE * NICOTINE TARTRATE * NICOTINE TARTRATE (DOT) * PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-, (S)-, (R-(R*,R*))-2,3-DIHYDROXYBUTANEDIOATE (1:2) * TARTRATE DE NICOTINE (French) * UN 1659 (DOT)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T21	scu-rat TDLo:285 ug/kg (1D male)	PSYPAG 10,44,66
1T29	scu-rat TDLo:75 mg/kg (1-5D preg)	BIREBV 20,294,79
1T83	imp-rat TDLo:712 ug/kg (12D preg)	TJADAB 29(3),28A,84
1T12	ivn-mky TDLo:50 ug/kg (1D pre)	JRPFA4 31,91,72

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:83 mg/kg	TXAPA9 22,325,72
*	unk-rat LD50:30 mg/kg	SMWOAS 91,359,61
	orl-mus LD50:230 mg/kg	BJPCBM 35,161,69
*	ipr-mus LD50:9100 ug/kg	TXAPA9 65,366,82
	scu-mus LDLo:59 mg/kg	AEPPAE 188,605,38
	ivn-mus LD50:300 ug/kg	BJPCBM 35,161,69
	ipr-ham LD50:125 mg/kg	TXAPA9 22,325,72

STANDARDS & REGULATIONS:

★ DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172,101,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NICOTINE TARTRATE (DOT) see: QT0350000

QT0525000 NICOTINIC ACID

UPDT:8408 CAS:59-67-6 MW:123.12 MOLFM:C6-H5-N-O2

SYN: ACIDE NICOTINIQUE (French) * ACIDUM NICOTINICUM * AKOTIN * ANTI-PELLAGRA VITAMIN * APELAGRIN * BIONIC * 3-CARBOXYPYRIDINE * DASKIL * DAVITAMON PP * DIRERTAN * EFACIN * NAH * NAOTIN * NIACIN * NICACID * NICAMIN * NICANGIN * NICO * NICO-400 * NICOBID * NICOCAP * NICOCIDIN * NICOCRISINA * NICODAN * NICODELMINE * NICOLAR * NICONACID * NICONAT * NICONAZID * NICOROL * NICOSIDE * NICO-SPAN * NICOSYL * NICOTAMIN * NICOTENE * NICOTIL * NICOTINE ACID * NICOTINIPCA * NICOTINOYLHYDRAZINE * NICOTINSAURE (German) * NICOVASAN * NICOVASEN * NICOVEL * NICYL * NIPELLEN * PELLAGRAMIN * PELLAGRA PREVENTIVE FACTOR * PELLAGRIN * PELONIN * PEVITON * PP FACTOR * P.P. FACTOR-PELLAGRA PREVENTIVE FACTOR * PYRIDINE-3-CARBONIC ACID * PYRIDINE-beta-CARBOXYLIC ACID * PYRIDINE-3-CARBOXYLIC ACID * 3-PYRIDINECARBOXYLIC ACID * PYRIDINE-CARBOXYLIQUE-3 (French) * S115 * SK-NIACIN * TINIC * VITAPLEX N * WAMPOCAP

TUMORIGENIC DATA AND REFERENCES:

2V01J60	orl-mus TDLo:174 gm/kg/94W-C	ONCOBS 38,106,81

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:7000 mg/kg	NIIRDN 6,544,82
*	ipr-rat LD50:730 mg/kg	OYYAA2 14,741,77
*	scu-rat LD50:5000 mg/kg	NIIRDN 6,544,82
1F12	ivn-rat LDLo:3500 mg/kg	PSEBAA 38,241,38
2F17J30	orl-mus LD50:3720 mg/kg	OYYAA2 7,149,73
*	ipr-mus LD50:358 mg/kg	OYYAA2 14,741,77
*	scu-mus LD50:3500 mg/kg	OYYAA2 14,741,77
*	ivn-mus LD50:5000 mg/kg	THERAP 26,831,71
*	orl-rbt LD50:4550 mg/kg	OYYAA2 14,741,77
1F12	ivn-gpg LDLo:3500 mg/kg	PSEBAA 38,241,38

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QT0590000 NICOTINIC ACID, 2-(((p-ACETAMIDO)PHENYL)SULFONYL)HYDRAZIDE

UPDT:8308 CAS:35285-72-4 MW:324.38 MOLFM:C14-H14-N4-O4-S

SYN: N(sub 1)-NICOTINOYL-N(sub 2)-p-ACETYLAMINO-BENZEN-SULFONHYDRAZINE (French) * 3-PYRIDINECARBOXYLIC ACID, 2-((4-(ACETYLAMINO)PHENYL)SULFONYL)HYDRAZIDE

TOXICITY DATA AND REFERENCES:

3F07F25F29	ipr-mus LD50:475 mg/kg	THERAP 27,309,72

NICOTINIC ACID AMIDE see: QS3675000

QT0850000 NICOTINIC ACID, BENZYL ESTER

UPDT:8306 CAS:94-44-0 MW:213.25 MOLFM:C13-H11-N-O2

SYN: BENZYL NICOTINATE * BENZYL PYRIDINE-3-CARBOXYLATE * ESTRU BENZYLOWEGO KWASU NIKOTYNOWEGO (Polish) * NIACIN BENZYL ESTER * PYCARIL * PYKARYL * 3-PYRIDINECARBOXYLIC ACID, PHENYLMETHYL ESTER * RUBRIMENT

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2188 mg/kg	BCTKAG 12,79,79
*	ivn-mus LD50:100 mg/kg	PHARAT 11,242,56

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

QT0960000 NICOTINIC ACID, 2-(3-CHLORO-o-TOLUIDINO)-

UPDT:8408 CAS:17737-65-4 MW:262.71 MOLFM:C13-H11-Cl-N2-O2

SYN: CHLONIXIN * CLONIXIC ACID * CLONIXIN * CLONIXINE * 2-(2-METHYL-3-CHLORO)ANILINONICOTINIC ACID * 3-PYRIDINECARBOXYLIC ACID, 2-((3-CHLORO-2-METHYLPHENYL)AMINO)- (9CI) * SCH 10304

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T03	orl-rat TDLo:2240 mg/kg (28D male)	OYYAA2 7,655,73

TOXICITY DATA AND REFERENCES:

3F12F19K06	orl-rat LD50:335 mg/kg	OYYAA2 7,655,73
3F12F19K06	ipr-rat LD50:148 mg/kg	OYYAA2 7,655,73
3F12F19K06	scu-rat LD50:325 mg/kg	OYYAA2 7,655,73
3F12F19K06	orl-mus LD50:400 mg/kg	OYYAA2 7,655,73
3F12F19K06	ipr-mus LD50:198 mg/kg	OYYAA2 7,655,73
3F12F19K06	scu-mus LD50:263 mg/kg	OYYAA2 7,655,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NICOTINIC ACID, 7,8-DIDEHYDRO-4,5-alpha-EPOXY-3-METHOXY-17-METHYLMORPHINAN-6-alpha-YL ester see: QD1225000

NICOTINIC ACID DIETHYLAMIDE see: QS4375000

QT1500000 NICOTINIC ACID, compd. with 3,7-DIHYDRO-7-(2-HYDROXY-3-((2-HYDROXYETHYL) METHYLAMINO)PROPYL)-1,3-DIMETHYL-1H-PURINE-2,6-DIONE

UPDT:8411 CAS:437-74-1 MW:434.51 MOLFM:C13-H21-N5-O4.C6-H5-N-O2

SYN: ANGIOMIN * COMPLAMEX * COMPLAMIN * 7-(3-(N-(2-HYDROXYETHYL)AMINO)-2-HYDROXYPROPYL)THIOPHYLLINE NICOTINATE * 7-(2-HYDROXY-3-((2-HYDROXYETHYL)METHYLAMINO)PROPYL)THEOPHYLLINE, compd. with NICOTINIC ACID * SADAMIN * SK 331 A * XANTHINOL NIACINATE * XANTHINOL NICOTINATE * XAVIN * XN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T81	orl-rat TDLo:1920 mg/kg (7-14D preg)	OYYAA2 8,1145,74
2T34T81	scu-rat TDLo:1920 mg/kg (7-14D preg)	OYYAA2 8,1145,74
1T76	scu-rat TDLo:10 gm/kg (7-14D preg)	OYYAA2 8,1145,74
2T34T46	orl-mus TDLo:1920 mg/kg (7-14D preg)	OYYAA2 8,1145,74
2T26T81	orl-mus TDLo:40 gm/kg (7-14D preg)	OYYAA2 8,1145,74

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:14130 mg/kg	OYYAA2 9,601,75
*	ipr-rat LD50:3028 mg/kg	OYYAA2 9,601,75
*	scu-rat LD50:5255 mg/kg	OYYAA2 9,601,75
*	ivn-rat LD50:690 mg/kg	OYYAA2 9,601,75
*	orl-mus LD50:17350 mg/kg	OYYAA2 9,601,75
*	ipr-mus LD50:1750 mg/kg	85ESA3 9,1297,76
*	scu-mus LD50:4260 mg/kg	OYYAA2 9,601,75
*	ivn-mus LD50:510 mg/kg	85ESA3 9,1297,76
*	ivn-rbt LD50:500 mg/kg	OYYAA2 9,601,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NICOTINIC ACID, ESTER with CHOLINE CHLORIDE see: GA2150000

NICOTINIC ACID, ESTER with CODEINE see: QD1225000

NICOTINIC ACID, 2-HYDROXY-3-(o-METHOXYPHENOXY)PROPYL ESTER see: QT1964000

QT1850000 NICOTINIC ACID, 1-(2-(1-IMIDAZOLYL)VINYL)HEXYL ESTER, DIHYDROCHLORIDE, (E)-

UPDT:8311 MW:372.33 MOLFM:C17-H21-N3-O2.2Cl-H

SYN: CBS-634 * (E)-1-(3-HYDROXYOCTEN-1-YL)IMIDAZOLE NICOTINIC ESTER DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2450 mg/kg	DRFUD4 7,460,82
*	orl-mus LD50:3100 mg/kg	DRFUD4 7,460,82

QT18[illegible]0000 NICOTINIC ACID, ((o-METHOXYPHENOXY)METHYL)ETHYLENE ESTER

UPDT:8406 CAS:18729-37-8 MW:408.44 MOLFM:C22-H20-N2-O6

SYN: 3-(o-METHOXYPHENOXY)-1,2-PROPANEDIOL DINICOTINATE

TOXICITY DATA AND REFERENCES:

2F17J30	orl-mus LD50:8600 mg/kg	OYYAA2 7,149,73
2F17J30	ipr-mus LD50:3580 mg/kg	OYYAA2 7,149,73

NICOTINIC ACID N-METHYLBETAINE see: YF6825000

QT1935000 NICOTINIC ACID, 2-(2-METHYL-4-OXO-3,4-DIHYDRO-3-QUINAZOLINYL)ETHYL ESTER

UPDT:8407 MW:309.35 MOLFM:C17-H15-N3-O3

SYN: 3-(2-HYDROXYETHYL)-2-METHYL-4(3H)-QUINAZOLINONE 3-PYRIDYLFORMATE * 4(3H)-QUINAZOLINONE, 3-(2-HYDROXYETHYL)-2-METHYL-, NICOTINATE

TOXICITY DATA AND REFERENCES:

3F17F23F43	par-mus LD50:800 mg/kg	PCJOAU 7,626,73

QT1938000 NICOTINIC ACID, 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER, DIMALEATE

UPDT:8407 CAS:57272-31-8 MW:481.51 MOLFM:C13-H19-N3-O2.2C4-H4-O4

SYN: 2-(4-METHYL-1-PIPERAZINYL)ETHYL NICOTINATE DIMALEATE * 2-(4-METHYL-1-PIPERAZINYL)ETHYL 3-PYRIDINECARBOXYLATE DIMALEATE * 3-PYRIDINECARBOXYLIC ACID, (2-(4-METHYL-1-PIPERAZINYL)ETHYL) ESTER, DIMALEATE

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:930 mg/kg	PJPPAA 27(4),399,75

QT1964000 NICOTINIC ACID, MONOESTER with 3-(o-METHOXYPHENOXY)-1,2-PROPANEDIOL

UPDT:8412 CAS:25395-41-9 MW:303.34 MOLFM:C16-H17-N-O5

SYN: 3-(o-METHOXYPHENOXY)-2-HYDROXYPROPYL-1-NICOTINATE * NICOTINIC ACID, 2-HYDROXY-3-(o-METHOXYPHENOXY)PROPYL ESTER

TOXICITY DATA AND REFERENCES:

3F05F07J22	orl-rat LD50:7700 mg/kg	OYYAA2 7,189,73
2F17J30	orl-mus LD50:9800 mg/kg	OYYAA2 7,149,73
2F07J22	ipr-mus LD50:3100 mg/kg	OYYAA2 7,189,73

QT1965000 NICOTINIC ACID, MONOESTER with 3-(o-TOLYLOXY)-1,2-PROPANEDIOL

UPDT:8406 CAS:28060-95-9 MW:287.34 MOLFM:C16-H17-N-O4

SYN: 3-(o-TOLYLOXY)-2-HYDROXYPROPYL-1-NICOTINATE

TOXICITY DATA AND REFERENCES:

2F17J30	orl-mus LD50:9400 mg/kg	OYYAA2 7,149,73
2F17J30	ipr-mus LD50:2450 mg/kg	OYYAA2 7,149,73

QT1980000 NICOTINIC ACID, NEOPENTANETETRAYL ESTER

UPDT:8406 CAS:5868-05-3 MW:556.57 MOLFM:C29-H24-N4-O8

SYN: BURFOR * NICERITROL * PENTAERYTHRITOL TETRANICOTINATE * PERYCIT * 3-PYRIDINECARBOXYLIC ACID, 2,2-BIS(((3-PYRIDINYLCARBONYL)OXY)METHYL)-1,3-PROPANEDIYL ESTER * SK 1 * SK 1 (PHARMACEUTICAL)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T12	orl-rat TDLo:42 gm/kg (35D pre)	OYYAA2 14,755,77
1T02	orl-rat TDLo:45500 mg/kg (91D male)	OYYAA2 14,853,77

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:20 gm/kg	NIIRDN 6,546,82
*	ipr-rat LD50:5000 mg/kg	NIIRDN 6,546,82
*	scu-rat LD50:5000 mg/kg	NIIRDN 6,546,82
*	orl-mus LD50:20 gm/kg	NIIRDN 6,546,82
*	ipr-mus LD50:5000 mg/kg	NIIRDN 6,546,82
*	scu-mus LD50:5000 mg/kg	NIIRDN 6,546,82
*	orl-dog LD50:5000 mg/kg	NIIRDN 6,546,82
*	orl-rbt LD50:10 gm/kg	NIIRDN 6,546,82
*	ipr-rbt LD50:5000 mg/kg	NIIRDN 6,546,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NICOTINIC ACID NITRILE see: QT3030000

QT1991000 NICOTINIC ACID, 1-OXIDE, SODIUM SALT

UPDT:8412 MW:161.10 MOLFM:C6-H4-N-O3.Na

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:3400 mg/kg	YKKZAJ 81,1748,61

QT2030000 NICOTINIC ACID 3-PYRIDYLMETHYL ESTER, FUMARATE

UPDT:8407 MW:330.32 MOLFM:C12-H10-N2-O2.C4-H4-O4

SYN: HOKU-218 * 3-PYRIDYLMETHYL NICOTINATE MONOFUMARATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	orl-rbt TDLo:4875 mg/kg (6-18D preg)	AMBNAS 26,117,78
1T46	orl-rbt TDLo:9750 mg/kg (6-18D preg)	AMBNAS 26,117,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QT2060000 NICOTINIC ACID, SODIUM SALT

UPDT:8411 CAS:54-86-4 MW:131.09 MOLFM:C6-H4-O2.Na

SYN: NATRIUMNICOTINAT (German) * SODIUM NICOTINATE

TOXICITY DATA AND REFERENCES:

	scu-rat LD50:5000 mg/kg	JPETAB 73,85,41
	scu-mus LDLo:3000 mg/kg	JPETAB 65,95,39
*	ivn-mus LD50:2900 mg/kg	YKKZAJ 81,1748,61

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

QT2065000 NICOTINIC ACID, 1,1,3,3-TETRAESTER with 2-HYDROXY-1,1,3,3-CYCLOHEXANETETRAMETHANOL

UPDT:8406 CAS:27959-26-8 MW:640.70 MOLFM:C34-H32-N4-O9

SYN: CHOLEXAMIN * CHOLEXAMINE * 2-HYDROXYCYCLOHEXANE-1,1,3,3-TETRAMETHANOL TETRAESTER with NICOTINIC ACID * K 31 * K 31 (pharmaceutical) * NICOMOL * 3-PYRIDINECARBOXYLIC ACID, (2-HYDROXY-1,3-CYCLOHEXANEDIYLIDENE)TETRAKIS(METHYLENE) ESTER * 2,2,6,6-TETRAKIS(NICOTINOYLOXYMETHYL)CYCLOHEXANOL * TETRANICOTINIC ACID 2-HYDROXYCYCLOHEXA-1,1,3,3-TETRAMETHYL ESTER

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:10500 mg/kg (35D male)	OYYAA2 14,755,77

1T03 orl-rat TDLo:168 gm/kg (35D male) OYYAA2 14,755,77
1T12 orl-rat TDLo:10500 mg/kg (35D pre) OYYAA2 14,755,77
1T13 orl-rat TDLo:42 gm/kg (35D pre) OYYAA2 14,755,77
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:10 gm/kg OYYAA2 14,741,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QT2070000 NICOTINIC ACID, 1,2,5,6-TETRAHYDRO-1-METHYL-
UPDT 8412 CAS: 499-04-7 MW: 141.19 MOLFM: C7-H11-N-O2
SYN: ARECAIDINE * ARECAINE * METHYLGUVACINE * N-METHYLGUVACINE * 3-PYRIDINECARBOXYLIC ACID, 1,2,5,6-TETRAHYDRO-1-METHYL- (9CI) * 1,2,5,6-TETRAHYDRO-1-METHYL-3-PYRIDINECARBOXYLIC ACID
MUTATION DATA AND REFERENCES:
sce-mus-ipr 1 gm/kg/5D-I CALEDQ 23,189,84
otr-ham:kdy 2500 µg/L LANCAO 1,112,79
msc-ham:lng 10 mg/L CRNGDP 5,501,84

QT2100000 NICOTINIC ACID, 1,2,5,6-TETRAHYDRO-1-METHYL-, METHYL ESTER
UPDT 8408 CAS: 63-75-2 MW: 155.21 MOLFM: C8-H13-N-O2
SYN: ARECAIDINE METHYL ESTER * ARECALINE * ARECHOLINE * ARECOLINE * ARECOLINE BASE * ARECOLIN * METHYLARECAIDEN * METHYL N-METHYLTETRAHYDRONICOTINATE * METHYL 1,2,5,6-TETRAHYDRO-1-METHYLNICOTINATE * N-METHYLTETRAHYDRONICOTINIC ACID, METHYL ESTER * N-METHYL-delta-TETRAHYDRONICOTINIC ACID METHYL ESTER * 1-METHYL-delta(sup 3,4)TETRAHYDRO-3-PYRIDINECARBOXYLATE * N-METHYLTETRAHYDROPYRIDINE-beta-CARBOXYLIC ACID METHYL ESTER * 1,2,5,6-TETRAHYDRO-1-METHYLNICOTINIC ACID, METHYL ESTER * 1,2,5,6-TETRAHYDRO-1-METHYL-3-PYRIDINECARBOXYLIC ACID METHYL ESTER
MUTATION DATA AND REFERENCES:
mnt-mus-ipr 80 mg/kg CRNGDP 5,501,84
sce-mus-ipr 100 mg/kg/5D-I MUREAV 122,347,83
otr-ham:kdy 2500 µg/L LANCAO 1,112,79
msc-ham:lng 5 mg/L CRNGDP 5,501,84
TUMORIGENIC DATA AND REFERENCES:
2V02K60 skn-hum TDLo:2698 mg/kg/65W-I JNCIAM 53,1259,74
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:190 mg/kg AIPTAK 192,88,71
scu-mus LDLo:65 mg/kg JPETAB 35,75,29
ivn-mus LD50:36 mg/kg FATOAO 28,33,65
unk-mus LDLo:100 mg/kg HBAMAK 4,1289,35
scu-dog LD50:5 mg/kg FAZMAE 17,108,73
unk-dog LDLo:5 mg/kg HBAMAK 4,1289,35
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QT2275000 NICOTINIC ACID, 1,2,5,6-TETRAHYDRO-1-METHYL-, METHYL ESTER, HYDROBROMIDE
UPDT 8401 CAS: 300-08-3 MW: 236.14 MOLFM: C8-H13-N-O2 . Br-H
SYN: ARECOLINE BROMIDE * ARECOLINE HYDROBROMIDE * METHYL 1,2,5,6-TETRAHYDRO-1-METHYLNICOTINATE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:100 mg/kg MEIEDD 10,113,83
ivn-mus LD50:18 mg/kg CSLNX* NX#11778
* scu-dog LDLo:5 mg/kg MEIEDD 10,113,83

QT2285000 NICOTINIC ACID, 1,2,5,6-TETRAHYDRO-1-NITROSO-, METHYL ESTER
UPDT 8403 CAS: 55557-02-3 MW: 170.19 MOLFM: C7-H10-N2-O3
SYN: N-NITROSOGUVACINE * NITROSOGUVACOLINE * N-NITROSOGUVACOLINE * 1-NITROSO-1,2,5,6-TETRAHYDRONICOTINIC ACID METHYL ESTER * 3-PYRIDINECARBOXYLIC ACID, 1,2,5,6-TETRAHYDRO-1-NITROSO-, METHYL ESTER
MUTATION DATA AND REFERENCES:
mma-sat 10 µg/plate MUREAV 111,135,83
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

QT2291000 NICOTINIC ACID, 4-THIOCYANATOBUTYL-
UPDT 8407 MW: 236.31 MOLFM: C11-H12-N2-O2-S
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:25 mg/kg PHARAT 11,242,56

QT2292000 NICOTINIC ACID, 2-THIOCYANATOETHYL ESTER
UPDT 8407 MW: 208.25 MOLFM: C9-H8-N2-O2-S
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:25 mg/kg PHARAT 11,242,56

QT2293000 NICOTINIC ACID, 6-THIOCYANATOHEXYL ESTER
UPDT 8407 MW: 264.37 MOLFM: C13-H16-N2-O2-S
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:25 mg/kg PHARAT 11,242,56

QT2293500 NICOTINIC ACID, 5-THIOCYANATOPENTYL ESTER
UPDT 8407 MW: 250.34 MOLFM: C12-H14-N2-O2-S
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:25 mg/kg PHARAT 11,242,56

QT2294000 NICOTINIC ACID, 3-THIOCYANATOPROPYL
UPDT 8407 MW: 222.28 MOLFM: C10-H10-N2-O2-S
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:25 mg/kg PHARAT 11,242,56

QT2998500 NICOTINIC ACID, ((o-TOLYLOXY)METHYL)ETHYLENE ESTER
UPDT 8407 CAS: 19251-71-9 MW: 392.44 MOLFM: C22-H20-N2-O5
SYN: MEPHENESIN DINICOTINATE * 3-PYRIDINECARBOXYLIC ACID, 1-((2-METHYLPHENOXY)METHYL)-1,2-ETHANEDIYL ESTER (9CI) * 3-(o-TOLYLOXY)-1,2-PROPANEDIOL DINICOTINATE
TOXICITY DATA AND REFERENCES:
2F17J30 ipr-mus LD50:6100 mg/kg OYYAA2 7,149,73
NICOTINIC ACID, p-TOLYLSULFONYLHYDRAZIDE see QT2999000

QT2999000 NICOTINIC ACID, 2-((p-TOLYL)SULFONYL)HYDRAZIDE
UPDT 8407 CAS: 6281-93-2 MW: 291.35 MOLFM: C13-H13-N3-O3-S
SYN: NICOTINIC ACID, p-TOLYLSULFONYLHYDRAZIDE * N(sub 1)-NICOTINOYL-N(sub 2)-p-TOLYL-SULFONHYDRAZINE (French) * 3-PYRIDINECARBOXYLIC ACID, 2-((4-METHYLPHENYL)SULFONYL)HYDRAZIDE (9CI)
TOXICITY DATA AND REFERENCES:
3F07F25F29 ipr-mus LD50:1013 mg/kg THERAP 27,309,72

QT2999100 NICOTINIC ACID, 2-(alpha,alpha,alpha-TRIFLUORO-m-TOLUIDINO)-
UPDT 8407 CAS: 4394-00-7 MW: 282.24 MOLFM: C13-H9-F3-N2-O2
SYN: ACIDE NIFLUMIQUE (French) * ACIDO NIFLUMICO (Italian) * ACTOL * FORENOL * LANDRUMA * NIFLUMIC ACID * NIFLURIL * 2-(3-(TRIFLUOROMETHYL)ANILINO)NICOTINIC ACID * 2-((3-(TRIFLUOROMETHYL)PHENYL)AMINO)NICOTINIC ACID * UP 83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-rbt TDLo:100 mg/kg (1D pre) FESTAS 38,238,82
TOXICITY DATA AND REFERENCES:
2F29Y55 orl-rat LD50:250 mg/kg JMCMAR 16,780,73
ipr-rat LD50:155 mg/kg JMCMAR 19,135,76
orl-mus LD50:455 mg/kg EJMCA5 9,397,74
3A11F11F23 ipr-mus LD50:265 mg/kg BCFAAI 111,167,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QT2999200 NICOTINIC ACID, 2-(alpha,alpha,alpha-TRIFLUORO-m-TOLUIDINO)-, PHTHALIDYL ESTER
UPDT 8407 CAS: 66898-62-2 MW: 397.35 MOLFM: C21-H12-F3-N2-O3
SYN: BA 7602-06 * 3-FTALIDILICO del ACIDO 2-((3-(TRIFLUOROMETIL)FENIL)AMINO)-3-PIRIDINCARBOXILICO (Spanish) * 3-PHTHALIDYL ESTER of 2-((3-(TRIFLUOROMETHYL)PHENYL)AMINO)-3-PYRIDINECARBOXYLIC ACID * PHTHALIDYL 2-(3-TRIFLUOROMETHYLANILINO)NICOTINATE * PHTHALIDYL 2-(alpha,alpha,alpha-TRIFLUORO-m-TOLUIDINO)NICOTINATE * SOMALGEN * TALNIFLUMATE * TALNIFLUMATO (Spanish) * 2-(alpha,alpha,alpha-TRIFLUORO-m-TOLUIDINO)NICOTINIC ACID PHTHALIDYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:12 gm/kg FRPSAX 36,372,81

QT2999300 NICOTINIC ACID, TRIMETHYLENE ESTER
UPDT 8407 MW: 286.31 MOLFM: C15-H14-N2-O4
SYN: TRIMETHYLENE GLYCOL DINICOTINATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:250 mg/kg PHARAT 11,242,56
NICOTINIC AMIDE see QS3675000
NICOTINIPCA see QT0525000

QT3010000 NICOTINIUM, 1'-METHYL-, IODIDE, (-)-
UPDT 8407 CAS: 5959-86-4 MW: 304.20 MOLFM: C11-H17-N2 . I
SYN: NICOTINE METHIODIDE (ISOMONOMETHYL)
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:638 mg/kg JPETAB 77,343,43
ivn-rbt LD50:140 mg/kg JPETAB 77,343,43

QT3030000 NICOTINONITRILE
UPDT 8401 CAS: 100-54-9 MW: 104.12 MOLFM: C6-H4-N2
SYN: 3-AZABENZONITRILE * 3-CYANOPYRIDINE * 3-CYJANOPIRYDYNA (Polish) * NICOTINIC ACID NITRILE * NITRYL KWASU NIKOTYNOWEGO (Polish) * 3-PYRIDINECARBONITRILE (9CI) * 3-PYRIDINENITRILE * 3-PYRIDYLCARBONITRILE
TOXICITY DATA AND REFERENCES:
2L30M30 orl-rat LD50:1185 mg/kg MEPAAX 30,109,79
2D26R02 skn-rbt LDLo:4000 mg/kg MEPAAX 30,109,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QT3040000 NICOTINONITRILE, 2-CHLORO-4-(METHOXYMETHYL)-6-METHYL-5-NITRO-
UPDT 8407 CAS: 719-46-2 MW: 241.65 MOLFM: C9-H8-Cl-N3-O3
SYN: 2-CHLORO-3-CYANO-4-(METHOXYMETHYL)-6-METHYL-5-NITROPYRIDINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#00695

QT3100000 NICOTINONITRILE, 1,2-DIHYDRO-4-METHYL-2-OXO-
UPDT 8401 CAS: 524-40-3 MW: 134.15 MOLFM: C7-H6-N2-O
SYN: 1,2-DIHYDRO-4-METHOXY-1-METHYL-2-OXONICOTINONITRILE * RICIDINE * RICININE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:75 mg/kg NCNSA6 5,23,53

NICOTINOHYDROXAMIC ACID see US4675000
1-NICOTINOIL-3-(4-CLOROFENOSSI)-3-METILISOBUTILAMMINA (Italian) see QS4247000
1-NICOTINOIL-2-(4-CLOROFENOSSI)-2-METILPROPILAMMINA (Italian) see QS4248000
N(sub 1)-NICOTINOYL-N(sub 2)-p-ACETYLAMINO-BENZEN-SULFON)HYDRAZINE (French) see QT0590000
N-NICOTINOYLANTHRANILIC ACID see CB3590000
NICOTINOYLHYDRAZINE see QT0525000
NICOTINOYLTAURAMINOPYRIDINE see QS4484700
NICOTINOYLTAURINOPHENETIDINE see QS4483700
NICOTINOYLTAURINOPHENETIDINE HYDROCHLORIDE see QS4483750
N(sub 1)-NICOTINOYL-N(sub 2)-p-TOLYL-SULFONHYDRAZINE (French) see QT2999000
NICOTINSAURE (German) see QT0525000
NICOTINSAUREAMID (German) see QS3675000
20-(N-NICOTINYLHYDRAZINO)-5-alpha-PREGNAN-3-beta-OL see TU4330000
NICOTION see NS0350000
NICOTOL see QS3675000
NICOTYLAMIDE see QS3675000
NICOTYRINE see UT6130000
beta-NICOTYRINE see UT6130000
3,2'-NICOTYRINE see UT6130000
NICOULINE see DJ2800000
NICOUMALONE see GN4900000
NICOVASAN see QT0525000
NICOVASEN see QT0525000
NICOVEL see QS3675000
NICOVEL see QT0525000
NICOVIT see QS3675000
NICOVITOL see QS3675000
NICOZIDE see NS1750000
NICOZYMIN see QS3675000
NIC-SAL see QS5250000
NICYL see QT0525000
NIDA see NI5600000
NIDANTIN see JI5075000
NIDATON see NS1750000
NIDRAFUR see AJ1075000
NIDRAFUR P see AJ1075000
NIDRAN see YR8450000
NIDRANE see UE3150000
NIDRAZID see NS1750000
NIDROXYZONE see LT7400000
NIEA see UB6459500 2-PROPANOL, 1-((2-HYDROXYETHYL)NITROSAMINO)-
NIERALINE see DO2625000
NIESYMETRYCZNA DWU METYLOHYDRAZYNA (Polish) see MV2450000
NIFEDIN see US7975000
NIFEDIPINE see US7975000
NIFELAT see US7975000
NIFLAN see DJ3100950
NIFLEX see VB8225000
NIFOS see UX6825000
NIFOS T see UX6825000
NIFOST see UX6825000
NIFTHOLIDE see UG5700000
NIFTOLIDE see UG5700000
NIFUCIN see LT7700000
NIFULIDONE see RQ3675000
NIFURADENE see NJ0875000
NIFURADINE see NJ0875000
NIFURALDEZON see LT7750000
NIFURALDEZONE see LT7750000
NIFURAN see RQ3675000
NIFURANTIN see MU2800000
NIFURDAZIL see NJ0700000
NIFURHYDRAZONUM see AJ1075000
NIFURID see LT7700000
NIFUROXAZID see DH2528300
NIFUROXAZIDE see DH2528300
NIFUROXIME see LT7525000
NIFURPIRINOL see UT5023000
NIFURTHIAZOL see LQ9275000
NIFURTHIAZOLE see LQ9275000
NIFURTIMOX see XM3020000
NIFUZON see LT7700000

QT6825000 NIGERICIN
UPDT 8405 CAS: 28380-24-7 MW: 725.08 MOLFM: C40-H68-O11
SYN: ANTIBIOTIC K 178 * ANTIBIOTIC X-464 * AZALOMYCIN M * HELIXIN C * POLYETHERIN A * X 464
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:190 mg/kg 85GDA2 5,477,81

* ipr-mus LD50:2500 ug/kg ANTCAO 1,594,51
QT6830000 NIGERICIN, 30-DEOXY-
UPDT:8309 CAS: 31357-58-1 MW: 709.08 MOLFM: C40-H68-O10
SYN: 30-DEOXYNIGERICIN * DESOXYNIGERICIN * GRISORIXIN * K-358
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:15 mg/kg 85GDA2 5,479,81
QT6840000 NIGERICIN, MONOSODIUM SALT
UPDT:8402 CAS: 20643-80-3 MW: 748.07 MOLFM: C40-H68-O11 .Na
SYN: NIGERICIN SODIUM SALT * SODIUM NIGERICIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T41T43T46 ipr-mus TDLo:5 mg/kg (9D preg) TJADAB 27,81A,83
1T35 ipr-mus TDLo:5 mg/kg (10D preg) TJADAB 27,81A,83
1T34 ipr-mus TDLo:5 mg/kg (7D preg) TJADAB 27,81A,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
NIGERICIN SODIUM SALT see: QT6840000
NIGLYCON see: QX2100000
NIGRIN see: TJ7350000
NIH 204 see: UV8225000
NIH 7958 see: PB8750000
NIH 7981 see: PB8585000
NIH 8805 see: KM7758000
NIH-4185 HYDROCHLORIDE see: BA6330000
NIH 7440 HYDROCHLORIDE see: TN6829750
NIH-LH-B 9 see: OK6367000
NIHONTHRENE GOLDEN YELLOW see: HO7030000
NIHYDRAZON see: AJ1075000
NIHYDRAZONE see: AJ1075000
NIKARDIN see: QS4375000
NIKA-TEMP see: KV0350000
NIKAVINYL SG 700 see: KV0350000
NIKETAMID see: QS4375000
NIKETHAMIDE see: QS4375000
NIKETHAROL see: QS4375000
NIKETHYL see: QS4375000
NIKETILAMID see: QS4375000
NIKION see: DK8225000
NIKKELTETRACARBONYL (Dutch) see: QR6300000
NIKKOL BL see: MD0875000
NIKKOL BL 25 see: MD0875000
NIKKOL BL 9EX see: MD0875000
NIKKOL MYO 2 see: MD0880000
NIKKOL MYO 10 see: MD0880000
NIKKOL OTP 70 see: WN0525000
NIKKOL S.C.S see: MM0225700
NIKKOL SO 10 see: WG2932400
NIKKOL SO-15 see: WG2932400
NIKKOL SO-30 see: WG2932400
NIKKOL SS 30 see: WG2933500
NIKORIN see: QS4375000
NIKO-TAMIN see: QS3675000
NIKOTIN see: QS4375000
NIKOTIN (German) see: QS5250000
NIKOTINSAEUREAMID (German) see: QS3675000
NIKOTYNA (Polish) see: QS5250000
NIKOZID see: NS1750000
NILACID see: CF8400000
NILERGEX HYDROCHLORIDE see: UU8568000
NILEVA see: RC8961200
NILEVAR see: RC8961200
QT8792000 NILGIRIANTHUS BARBATUS (Nees) Bremk., extract excluding roots
DEF: Indian plant belonging to the family ACANTHACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77
NILHISTIN see: KV4725000
NILODIN see: XO1605800
NILODIN see: XO1605500
NILOX see: CQ1750000
NILOX see: SI1400000
NILOX PBNA see: QM4550000
NILSTAT see: NF5950000
NILUDIPINE see: US7972200
NILVERM see: NJ5950000
NILVEROM see: NJ5950000
NIMBECETIN see: LK9275200
NIMCO CHOLESTEROL BASE H see: FZ8400000
NIMCO CHOLESTEROL BASE No. 712 see: FZ8400000
NIMERGOLINE see: KE6341000
NIMETAZEPAM see: DF2410000
NIMITEX see: TF6890000
NIMITOX see: TF6890000
NIMORAZOLE see: QE7400000
NIMORAZOLO see: QE7400000
NIMROD see: WO5970000
NIMUSTINE HYDROCHLORIDE see: YR8450000
NINCALUICOLFLASTINE see: YY8050000
NINHYDRIN see: NK5425000
NINHYDRIN HYDRATE see: NK5425000
NINOL 4821 see: JR1925000
NINOL AA62 see: JR1925000
NINOL AA62 EXTRA see: OE9800000
NINOL AA-62 EXTRA see: JR1925000
NINOL 201%E see: GG6200000
NINOL P-621 see: JR1925000
NINOPTERIN see: MA0602000
NIOBATE de SODIUM (French) see: WC5570000
NIOBE OIL see: DH3850000
NIOBIUM compd. with BERYLLIUM (1:12) see: DS3600000
NIOBIUM POTASSIUM FLUORIDE see: TT3850000
NIOCINAMIDE see: QS3675000
NIOFORM see: VC5075000
NIOMIL see: FC1140000
NIONATE see: LZ5150000
NIONG see: QX2100000
NIOPAM see: CZ2235000 1,3-BENZENEDICARBOXAMIDE, N,N'-BIS(2-HYDROXY-1-(HYDROXYMETHYL)ETHYL)-5-((2-HYDROXY-1- OXOPROPYL)AMINO)-2,4,6-TRIIODO-, (S)-
NIOZYMIN see: QS3675000
NIP see: KN8400000
NIPA 49 see: LW8400000
NIPABUTYL see: DH1980000
NIPAGALLIN P see: LW8400000
NIPAGIN see: DH2450000
NIPAGIN A see: DH2190000
NIPAGIN M see: DH2450000
NIPAHEPTYL see: DH2202000
NIPANTIOX 1-F see: SL1945000
NIPAR S-20 see: TZ5250000
NIPAR S-20 SOLVENT see: TZ5250000
NIPAR S-30 SOLVENT see: TZ5250000
NIPASOL see: DH2800000
NIPASOL M see: DH2800000
NIP-A-THIN see: TH7350000
NIPAXON see: RD2625000
NIPAZIN A see: DH2190000
QU1920000 NIPECOTAMIDE, N,N-DIETHYL-
UPDT:8306 MW: 184.32 MOLFM: C10-H20-N2-O
SYN: 3-(N,N-DIETHYLCARBAMOYL)PIPERIDINE * N,N-DIETHYLNIPECOTAMIDE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:810 mg/kg CPBTAL 21,1,73
QU1921000 NIPECOTAMIDE, N,N-DIETHYL-1-METHYL-
UPDT:8306 MW: 198.35 MOLFM: C11-H22-N2-O
SYN: N,N-DIETHYL-1-METHYLNIPECOTAMIDE * 1-METHYL-3-(N,N-DIETHYLCARBAMOYL)PIPERIDINE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:880 mg/kg CPBTAL 21,1,73
QU1921500 NIPECOTAMIDE, N,N-DIETHYL-1-PHENETHYL-
UPDT:8306 MW: 276.47 MOLFM: C17-H28-N2-O
SYN: N,N-DIETHYL-1-PHENETHYLNIPECOTAMIDE * 1-PHENETHYL-3-(N,N-DIETHYLCARBAMOYL)PIPERIDINE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:165 mg/kg CPBTAL 21,1,73
QU1922000 NIPECOTAMIDE, N,N'-ETHYLENEBIS(N-BUTYL-1-METHYL-
UPDT:8306 MW: 422.74 MOLFM: C24-H46-N4-O2
SYN: N,N'-DIBUTYL-N,N'-BIS(1-METHYL-3-PIPERIDYLCARBONYL)ETHYLENEDIAMINE * N,N'-ETHYLENEBIS(N-BUTYL-1-METHYLNIPECOTAMIDE)
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:194 mg/kg CPBTAL 21,1,73
NIPECOTAN see: NS5250000
QU1980000 NIPECOTIC ACID, 4-HYDROXY-1-METHYL-, METHYL ESTER, HYDROBROMIDE, cis-
UPDT:8403 MW: 254.16 MOLFM: C8-H15-N-O3 .Br-H
SYN: cis-4-HYDROXY-1-METHYLNIPECOTIC ACID METHYL ESTER HYDROBROMIDE * cis-N-METHYL-3-CARBOMETHOXY-4-HYDROXYPIPERIDINE HYDROBROMIDE * 3-PIPERIDINECARBOXYLIC ACID, 4-HYDROXY-1-METHYL-, METHYL ESTER, HYDROBROMIDE, cis-
TOXICITY DATA AND REFERENCES:
1F17 ipr-mus LD50:2000 mg/kg PCJOAU 17,127,83
QU1985000 NIPECOTIC ACID, 4-HYDROXY-1-METHYL-, METHYL ESTER, HYDROBROMIDE, trans-
UPDT:8403 MW: 254.16 MOLFM: C8-H15-N-O3 .Br-H
SYN: trans-4-HYDROXY-1-METHYLNIPECOTIC ACID METHYL ESTER HYDROBROMIDE * trans-N-METHYL-3-CARBOMETHOXY-4-HYDROXYPIPERIDINE HYDROBROMIDE * 3-PIPERIDINECARBOXYLIC ACID, 4-HYDROXY-1-METHYL-, METHYL ESTER, HYDROBROMIDE, trans-
TOXICITY DATA AND REFERENCES:
1F17 ipr-mus LD50:2000 mg/kg PCJOAU 17,127,83
QU1987000 NIPECOTIC ACID, 1-METHYL-, METHYL ESTER
UPDT:8403 CAS: 1690-72-8 MW: 157.24 MOLFM: C8-H15-N-O2
SYN: DIHYDROARECOLINE * N-METHYL-3-CARBOMETHOXYPIPERIDINE * METHYL N-METHYLNIPECOTATE * 1-METHYLNIPECOTIC ACID METHYL ESTER * 3-PIPERIDINECARBOXYLIC ACID, 1-METHYL-, METHYL ESTER
TOXICITY DATA AND REFERENCES:
3E08F11K01 ipr-mus LD50:2000 mg/kg PCJOAU 17,127,83
QU1990000 NIPECOTIC ACID, 1-METHYL-4-OXO-, METHYL ESTER, HYDROCHLORIDE
UPDT:8403 MW: 207.68 MOLFM: C8-H13-N-O3 .Cl-H
SYN: N-METHYL-3-CARBOMETHOXY-4-PIPERIDONE HYDROCHLORIDE * 1-METHYL-4-OXONIPECOTIC ACID METHYL ESTER HYDROCHLORIDE * 3-PIPERIDINECARBOXYLIC ACID, 1-METHYL-4-OXO-, METHYL ESTER, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F11K01 ipr-mus LD50:655 mg/kg PCJOAU 17,127,83
NIPELLEN see: QT0525000
NIPEON A 21 see: KV0350000
NIPERYT see: RZ2620000
NIPERYTH see: RZ2620000
NIPHANOID see: DG4725000
QU2200000 NIPHIMYCIN
UPDT:8408 CAS: 12676-71-0
SYN: NIPHYMICINE * NYPHIMYCIN
MUTATION DATA AND REFERENCES:
mmo-omi 13 iu/mg DBANAD 35,1733,82
NIPHYMICINE see: QU2200000 NIPHIMYCIN
NIPLEN see: NS1750000
NIPODAL see: SO2700000
NIPOL 407 see: WL6478000
NIPOL 576 see: KV0350000
NIPOLIT CM 081 see: KV0350000
NIPOLIT SK see: KV0350000
NIPOLIT SK 081 see: KV0350000
NIPOLIT SM 092 see: KV0350000
NIPOLIT SV 13081 see: KV0350000
NIPOLITE SL 081 see: KV0350000
NIPPON BLUE BB see: QJ6400000
NIPPON DARK GREEN B see: QJ6195050
NIPPON DEEP BLACK see: QJ6160000
NIPPON DEEP BLACK GX see: QJ6160000
NIPPON DIRECT SKY BLUE see: QJ6420000
NIPPON FAST YELLOW A see: GD0197800
NIPPON KAGAKU CHRYSOIDINE see: ST3380000
NIPPON KAGAKU SAFRANINE GK see: SG1623000
NIPPON KAGAKU SAFRANINE T see: SG1623000
NIPPON ORANGE X-881 see: QL3854000
NIPSAN see: TF3325000
NIQUETAMIDA see: QS4375000
NIRAN see: TF4550000
NIRAN see: PB9800000
NIRAN E-4 see: TF4550000
NIRIDAZOLE see: NJ1050000
NIRIT see: XK9450000
l-NIRVANOL see: MU2452100
NIRVONAL see: CQ6825000
NIRVOTIN see: DO5950000
Ni 0901-S see: QR5950000
NISENTIL see: TM7000000

NISENTIL see: TN7095000
NISENTIL HYDROCHLORIDE see: TN7095000
NISETAMIDE see: QS4375000
NISIDANA see: TL8750000
NISOLONE see: TU4152500
NISOTIN see: NS0350000
NISSAN DIAPION S see: WX0500000
NISSAN DIAPON T see: WX0500000
NISSAN NONION SP 60 see: WG2933500
NISSOCAINE see: DG2100000
NISSOL see: AC2700000
NISSOL EC see: AC2700000
NISTERIME ACETATE see: BV8047600
NISY see: RB8V25000
NITADON see: NS1750000
NITAN see: RQ2975000
NITARSONE see: CY6125000
NITAZOL see: XJ1570000
NITAZOLE see: XJ1570000
NITEBAN see: NS1750000
NITER see: TT3700000
NITHIAMIDE see: XJ1570000
NITHIAZID see: YT3500000
NITHIAZIDE see: YT3500000
NITHIOCYAMINE see: NX9106000
NITICID see: AE1575000
NITICOLIN see: GA4027000
NITIDINE CHLORIDE see: DF4935500
NITIDINE METHOSULFATE see: DF4935600
NITIDINE METHYL SULFATE see: DF4935600
NITOBANIL see: YR0450000
NITOFEN see: KN8400000
NITOL 'TAKEDA' see: IA2100000
NITRADOR see: GO9625000
NITRADOS see: DF2450000
NITRAFEN see: KN8400000
NITRALDONE see: RQ3620000
NITRALIN see: BY6200000
NITRALINE see: BY6200000
NITRAMIN see: XJ2800000
NITRAMINE see: BY6300000
NITRAMINE see: XJ2800000
NITRAMIN IDO see: XJ2800000
NITRAMYL see: RA1140000
NITRAN see: XU9275000
NITRANILIN see: BY6825000
m-NITRANILINE see: BY6825000
o-NITRANILINE see: BY6650000
p-NITRANILINE see: BY7000000
4-NITRANILINE see: BY7000000
NITRANITOL see: OP3000000
NITRAPHEN see: KN8400000
NITRAPYRIN see: US7525000
NITRATE D'AMYLE (French) see: QV0600000
NITRATE D'ARGENT (French) see: VW4725000
NITRATE DE BARYUM (French) see: CQ9625000
NITRATE DE PLOMB (French) see: OG2100000
NITRATE DE PROPYLE NORMAL (French) see: UK0350000
NITRATE DE SODIUM (French) see: WC5600000
NITRATE DE STRONTIUM (French) see: WK9800000
NITRATE DE ZINC (French) see: ZH4772000
NITRATE MERCUREUX (French) see: OW8000000
NITRATE MERCURIQUE (French) see: OW8225000
NITRATE PHENYL MERCURIQUE (French) see: OW8575000
NITRATINE see: WC5600000
NITRATION BENZENE see: CY1400000
NITRAZEPAM see: DF2450000
NITRAZOL CF EXTRA see: BY7000000
NITRE see: TT3700000
NITRE CAKE see: VZ1860000
NITRENPAX see: DF2450000

QU5775000 NITRIC ACID

UPDT:8408 CAS: 7697-37-2 MW: 63.02 MOLFM: H-N-O3
SYN: ACIDE NITRIQUE (French) * ACIDO NITRICO (Italian) * AQUA FORTIS * AZOTIC ACID * AZOTOWY KWAS (Polish) * HYDROGEN NITRATE * NITRIC ACID (DOT) * SALPETERSAURE (German) * SALPETERZUUROPLOSSINGEN (Dutch) * UN 2031 (DOT)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T34T46 orl-rat TDLo:5275 gm/kg (1-21D preg) ZHYGAM 29,667,83

TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:430 mg/kg LARYA8 63,789,53
unk-man LDLo:110 mg/kg 85DCAI 2,73,70

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ANAEA3 35,165,75; ARTODN 39,299,78
★ TLV-TWA 2 ppm; STEL 4 ppm DTLVS* 4,301,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ppm (SCP-U) FEREAC 39,23540,74
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER AND CORROSIVE CFRGBR 49,172.101,82
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NITRIC ACID recm std-air:TWA 2 ppm NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7903
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QU5900000 NITRIC ACID (red fuming)

UPDT:8407 CAS: 7697-37-2 MW: 63.02 MOLFM: H-N-O3
SYN: NITRIC ACID, FUMING (DOT) * NITROUS FUMES * RED FUMING NITRIC ACID * RFNA * UN 2032 (DOT)

TOXICITY DATA AND REFERENCES:
* ihl-rat LC50:65 ppm(NO2)/4H AMIHBC 10,418,54
* ihl-mus LC50:67 ppm/4H AMIHBC 10,418,54

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BEPRDY 13,191,77

STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER AND POISON CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QU6040000 NITRIC ACID, 40% or less (DOT)

UPDT:8308 MW: 63.02 MOLFM: H-N-O3
SYN: NA 1760 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

NITRIC ACID, ALUMINUM SALT see: BD1040000
NITRIC ACID, ALUMINUM(3+) SALT see: BD1040000
NITRIC ACID, ALUMINUM SALT, NONAHYDRATE (8CI,9CI) see: BD1050000
NITRIC ACID, AMMONIUM SALT see: BR9050000
NITRIC ACID, BARIUM SALT see: CQ9625000
NITRIC ACID, BERYLLIUM SALT see: DS3675000
NITRIC ACID, CADMIUM SALT see: EV1750000
NITRIC ACID, CADMIUM SALT, TETRAHYDRATE see: EV1850000
NITRIC ACID, CESIUM SALT see: FL0700000
NITRIC ACID, CHROMIUM (3+) SALT see: GB6280000
NITRIC ACID, CHROMIUM(3+) SALT, NONAHYDRATE see: GB6300000
NITRIC ACID, COBALT(2+) SALT see: GG1109000

QU7355500 NITRIC ACID, COBALT(2+) SALT, HEXAHYDRATE

UPDT:8209 CAS: 10026-22-9 MW: 291.07 MOLFM: Co-N2-O6 .6H2-O
SYN: COBALT DINITRATE HEXAHYDRATE * COBALT NITRATE HEXAHYDRATE * COBALT(2+) NITRATE HEXAHYDRATE * COBALT(II) NITRATE HEXAHYDRATE * COBALTOUS NITRATE HEXAHYDRATE

TOXICITY DATA AND REFERENCES:
3F07K12U01 orl-rat LD50:691 mg/kg FCTOD7 20,311,82

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**

QU7400000 NITRIC ACID, COPPER(2+)SALT

CAS: 3251-23-8 MW: 187.56 MOLFM: N2-O6 Cu
SYN: COPPER DINITRATE * COPPER (II) NITRATE * COPPER(2+) NITRATE * CUPRIC DINITRATE * CUPRIC NITRATE * CUPRIC NITRATE (DOT) * NA 1479 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg SEV FCTOD7 20,563,82
eye-rbt 100 mg SEV FCTOD7 20,573,82
eye-rbt 100 mg/4S rns SEV FCTOD7 20,573,82

STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NITRIC ACID, COPPER(2+) SALT, TRIHYDRATE see: GL7875000
NITRIC ACID (DOT) see: QU5775000

QU7900000 NITRIC ACID, ETHYL ESTER

UPDT:8408 CAS: 625-58-1 MW: 91.08 MOLFM: C2-H5-N-O3
SYN: ETHYL NITRATE * ETHYL NITRATE (DOT) * NA 1993 (DOT) * NITRIC ETHER (DOT)

MUTATION DATA AND REFERENCES:
mmo-sat 10 umol/plate FCTOD7 21,707,83
mma-sat 10 umol/plate FCTOD7 21,707,83
sln-dmg-ihl 1200 ppm/3D FCTOD7 21,707,83

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NITRIC ACID, FUMING (DOT) see: QU5900000

QU8915000 NITRIC ACID, IRON(3+) SALT

UPDT:8308 CAS: 10421-48-4 MW: 241.88 MOLFM: Fe-N3-O9
SYN: FERRIC NITRATE * FERRIC NITRATE (DOT) * IRON NITRATE * IRON (III) NITRATE, ANHYDROUS * IRON TRINITRATE * UN 1466 (DOT)

REVIEW AND REFERENCES:
★ TLV-TWA 1 mg/m3; STEL 2 mg/m3 DTLVS* 4,233,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QU8930000 NITRIC ACID, ISOPROPYL ESTER

UPDT:8408 CAS: 1712-64-7 MW: 105.11 MOLFM: C3-H7-N-O3
SYN: ISOPROPYL NITRATE * ISOPROPYL NITRATE (DOT) * UN 1222 (DOT)

TOXICITY DATA AND REFERENCES:
* ihl-mus LC50:65 gm/m3/2H 85GMAT -,78,82

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QU9200000 NITRIC ACID, LITHIUM SALT

CAS: 7790-69-4 MW: 69.96 MOLFM: H-N-O3 Li
SYN: LITHIUM NITRATE * LITHIUM NITRATE (DOT) * UN 2722 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NITRIC ACID, LEAD(2+) SALT see: OG2100000
NITRIC ACID, MAGNESIUM SALT (2:1) see: OM3750000

QU9780000 NITRIC ACID, MANGANESE(2+) SALT

CAS: 10377-66-9 MW: 178.96 MOLFM: N2-O6 Mn
SYN: MANGANESE DINITRATE * MANGANESE NITRATE * MANGANESE (II) NITRATE * MANGANESE(2+) NITRATE * MANGANESE (II) NITRATE, ANHYDROUS * MANGANESE NITRATE (DOT) * MANGANOUS DINITRATE * MANGANOUS NITRATE * UN 2724 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

NITRIC ACID, MERCURY(I) SALT see: OW8000000
NITRIC ACID, MERCURY(II) SALT see: OW8225000

QV0100000 NITRIC ACID, METHYL ESTER

UPDT:8308 CAS: 598-58-3 MW: 77.05 MOLFM: C-H3-N-O3
SYN: METHYL NITRATE * METHYL NITRATE (DOT)

TOXICITY DATA AND REFERENCES:
1P24 orl-rat LD50:344 mg/kg AMRL** TR-77-25,77
1P24 ihl-rat LC50:1275 ppm/4H AMRL** TR-77-25,77
1P24 orl-mus LD50:1820 mg/kg AMRL** TR-77-25,77
1P24 ihl-mus LC50:5942 ppm/4H AMRL** TR-77-25,77
orl-gpg LD50:548 mg/kg AMRL** TR-77-25,77

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NITRIC ACID, NICKEL(II) SALT see: QR7200000
NITRIC ACID, NICKEL(2+) SALT, HEXAHYDRATE see: QR7300000

QV0600000 NITRIC ACID, PENTYL ESTER
UPDT 8312 CAS: 1002-16-0 MW: 133.17 MOLFM: C5-H11-N-O3
SYN: AMYL NITRATE * AMYL NITRATE (DOT) * NITRATE D'AMYLE (French) * UN 1112 (DOT)

TOXICITY DATA AND REFERENCES:

3F12J15M03	ihl-rat LCLo:3593 ppm	AMIHAB 11,290,55
3F12J15M03	ihl-mus LCLo:1374 ppm	AMIHAB 11,290,55
2J15M03	ihl-rbt LCLo:1703 ppm	AMIHAB 11,290,55
3F12J15M03	ihl-gpg LCLo:1703 ppm	AMIHAB 11,290,55

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

NITRIC ACID, PHENYLMERCURY SALT see: OW8400000
NITRIC ACID, POTASSIUM SALT see: TT3700000
NITRIC ACID, PROPYL ESTER see: UK0350000
NITRIC ACID, SILVER(1+) SALT see: VW4725000
NITRIC ACID, SODIUM SALT see: WC5600000
NITRIC ACID, STRONTIUM SALT see: WK9800000
NITRIC ACID, THALLIUM(1+) SALT see: XG5950000
NITRIC ACID, THORIUM(4+) SALT (8CI,9CI) see: XO6825000
NITRIC ACID TRIESTER of GLYCEROL see: QX2100000
NITRIC ACID, YTTRIUM(3+) SALT see: ZG3675000
NITRIC ACID, YTTRIUM(3+)SALT, HEXAHYDRATE see: ZG3790000
NITRIC ACID, ZINC SALT see: ZH4772000
NITRIC ETHER (DOT) see: QU7900000
NITRIC OXIDE see: QX0525000
NITRIC OXIDE (DOT) see: QX0525000
NITRIC OXIDE and NITROGEN TETROXIDE mixtures see: QX0700000
NITRIC OXIDE and NITROGEN TETROXIDE, mixtures (DOT) see: QX0700000
NITRIDAZOLE see: NJ1050000
NITRILE ACRILICO (Italian) see: AT5250000
NITRILE ACRYLIQUE (French) see: AT5250000
NITRILE ADIPICO (Italian) see: AV2625000
NITRILE TRICHLORACETIQUE (French) see: AM2450000
NITRIL KISELINY DIETHYLAMINOOCTOVE (Czech) see: AL8575000
NITRIL KYSELINY ISOFTALOVE (Czech) see: CZ1900000
NITRIL KYSELINY MALONOVE (Czech) see: OO3150000
NITRIL KYSELINY TEREFTALOVE (Czech) see: CZ1925000
NITRIL KYSELINY beta,beta'-THIODIPROPIONOVE (Czech) see: UG4375000
NITRILOACETONITRILE see: GT1925000
2-NITRILO-N-tert-BUTYLPHENOXYPROPANOLAMINE see: DI2530000
2-NITRILO-N-ISOPROPYL PHENOXYPROPANOLAMINE see: DI4610000
NITRILOTRIACETIC ACID see: AJ0175000
NITRILOTRIACETIC ACID, TRISODIUM SALT see: MB8400000
NITRILOTRIACETIC ACID TRISODIUM SALT MONOHYDRATE see: AJ1070000
NITRILOACETIC ACID TRISODIUM SALT MONOHYDRATE see: AJ1070000
NITRILO-2,2',2''-TRIETHANOL see: KL9275000
2,2',2''-NITRILOTRIETHANOL see: KL9275000
2,2',2''-NITRILOTRIETHANOL COPPER SALT see: KL9282000
1,1',1''-NITRILOTRI-2-PROPANOL see: UB8750000
NITRIMIDAZINE see: QE7400000
NITRINE-TDC see: QX2100000
NITRITE see: XK9450000
Reaction product of NITRITE and CINNARIZINE (10:1) see: TL3455000
NITRITE DE SODIUM (French) see: RA1225000
NITRITO see: QW9800000
5-NITROACENAPHTHENE see: AB1060000
5-NITRO-1,2-ACENAPHTHENEDIOL see: AB1024200
5-NITRO-1-ACENAPHTHENOL see: AB1068500
5-NITRO-1-ACENAPHTHENONE see: AB1075000
2-NITRO-4-ACETAMINOFENETOL (Czech) see: AM4550000
5-NITROACENAPHTHYLENE see: AB1060000
5-NITROACENAPTHENE see: AB1060000
5-NITRO-2-ACETILAMINOTIAZOLO (Italian) see: XJ1570000
3-NITRO-p-ACETOPHENETIDE see: AM4550000
3'-NITRO-p-ACETOPHENETIDE see: AM4550000
5-NITRO-p-ACETOPHENETIDIDE see: AM4550000
3'-NITRO-p-ACETOPHENETIDIN see: AM4550000
m-NITROACETOPHENONE see: AM9625000
p-NITROACETOPHENONE see: AM9627000
3'-NITROACETOPHENONE see: AM9625000
4'-NITROACETOPHENONE see: AM9627000
NITRO ACID 100 per cent see: CY5250000
NITRO ACID SULFITE see: QZ7886700
2-((1-NITRO-9-ACRIDINYL)AMINO)ETHANOL HYDROCHLORIDE see: KL9371050
2,2'-((2-(8-NITRO-9-ACRIDINYLAMINO)ETHYL)IMINO)DIETHANOL HYDROCHLORIDE see: KL9371000
4'-(3-NITRO-9-ACRIDINYLAMINO)METHANESULFONANILIDE see: PB0965000
4-NITRO-2-AMINO-6-AETHYLPHENOL (German) see: SJ6060000
m-NITROAMINOBENZENE see: BY6825000
p-NITROAMINOFENOL (Polish) see: SJ6300000
4-NITRO-2-AMINOFENOL (Czech) see: SJ6300000
4'-NITRO-4-AMINO-3-HYDROXYDIPHENYL HYDROCHLORIDE see: DV6250000
4'-NITRO-4-AMINO-3-HYDROXYDIPHENYL HYDROGEN CHLORIDE see: DV6250000
o-NITRO-p-AMINOPHENOL see: SJ6303000
p-NITRO-o-AMINOPHENOL see: SJ6300000
2-NITRO-4-AMINOPHENOL see: SJ6303000
5-NITRO-2-AMINOTHIAZOLE see: XJ2800000
4-NITRO-2-AMINOTOLUENE see: XU8225000

QV6450000 NITROAMMOPHOS
UPDT 8408 CAS: 53124-23-5
SYN: NITROAMMOPHOSKA (Russian)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:8700 mg/kg	85GMAT -,91,82
*	orl-mus LD50:2500 mg/kg	85GMAT -,91,82

NITROAMMOPHOSKA (Russian) see: QV6450000 NITROAMMOPHOS
p-NITROANILINA (Polish) see: BY7000000
o-NITROANILINE see: BY6650000
m-NITROANILINE see: BY6825000
p-NITROANILINE see: BY7000000
3-NITROANILINE see: BY6825000
4-NITROANILINE see: BY7000000
4-NITROANILINE, 2,6-DICHLORO- see: BX2975000
N-NITROANILINE (DOT) see: BY6645000
m-NITROANILINE (DOT) see: BY6825000
p-NITROANILINE (DOT) see: BY7000000
1-((2-(m-NITROANILINO)ETHYL)AMINO)-3-PHENOXY-2-PROPANOL HYDROCHLORIDE see: UB8752500
1-((2-(o-NITROANILINO)ETHYL)AMINO)-3-PHENOXY-2-PROPANOL HYDROCHLORIDE see: UB8752550
1-((2-(p-NITROANILINO)ETHYL)AMINO)-3-PHENOXY-2-PROPANOL HYDROCHLORIDE see: UB8752600
(p-(p-NITROANILINO)PHENYL)ISOCYANIC ACID see: NQ9860000
5-NITRO-o-ANISIDINE see: BZ7175000
p-NITROANISOL see: BZ8800000
m-NITROANISOLE see: BZ8787000
o-NITROANISOLE see: BZ8790000
p-NITROANISOLE see: BZ8800000
2-NITROANISOLE see: BZ8790000
3-NITROANISOLE see: BZ8787000
4-NITROANISOLE see: BZ8800000
m-NITROANISOLE (DOT) see: BZ8787000
o-NITROANISOLE (DOT) see: BZ8790000
o-NITROANISOLE mixed with NORHARMAN see: BZ8805000
4-NITROANTHRANILIC ACID see: CB3675000
p-NITROANISOLE (DOT) see: BZ8800000
4-NITRO-m,o'-AZOTOLUENE see: CO3670000
o-NITROBENZALDEHYDE see: CU7300000
2-NITROBENZALDEHYDE see: CU7300000
4-NITROBENZALDEHYDE (4-CHLORO-2-METHYL-1(2H)-PHTHALAZINYLIDINE)HYDRAZONE see: CU7360100
4-NITROBENZALDEHYDE (2-METHYL-1(2H)-PHTHALAZINYLIDINE)HYDRAZONE see: CU7379500
p-NITROBENZALDEHYDE O-(m-NITROBENZYL)OXIME see: CU7376000
o-NITROBENZALDEHYDE mixed with NORHARMAN see: CU7420000
p-NITROBENZALDEHYDE mixed with NORHARMAN see: CU7420010
3-NITROBENZENAMINE see: BY6825000
4-NITROBENZENAMINE see: BY7000000
NITROBENZEEN (Dutch) see: DA6475000
NITROBENZEN (Polish) see: DA6475000
NITROBENZENE see: DA6475000
4-NITROBENZENEACETIC ACID see: AJ1130010
4-NITROBENZENEARSONIC ACID see: CY6125000
para-NITROBENZENEAZOSALICYLIC ACID see: VO5310000
2-NITRO-1,4-BENZENEDIAMINE see: ST3000000
4-NITRO-1,2-BENZENEDIAMINE see: ST2975000
m-NITROBENZENEDIAZONIUM PERCHLORATE (DOT) see: CZ1715000
NITROBENZENE, liquid (DOT) see: DA6475000
NITROBENZENE mixed with NORHARMAN see: DA6478000
m-NITROBENZENEPHOSPHONIC ACID see: SZ9430100
NITROBENZENE SODIUM SULFONATE see: DB7194000
NITROBENZENESULFONIC ACID see: DB7184000
NITROBENZENESULPHONIC ACID (DOT) see: DB7184000
2-NITROBENZIMIDAZOLE see: DD9660000
5-NITRO-1H-BENZIMIDAZOLE see: DD9800000
6-NITRO-BENZIMIDAZOLE see: DD9800000
4-NITRO-6-BENZIMIDAZOLOL see: DE2275400
2-NITROBENZOFURAN see: DF6950000
2,2'-((7-NITRO-4-BENZOFURAZAZANYL)IMINO)BISETHANOL OXIDE see: KL9372000
m-NITROBENZOIC ACID see: DH5000000
p-NITROBENZOIC ACID see: DH5075000
4-NITROBENZOIC ACID see: DH5075000
m-NITROBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DH5460000
NITROBENZOL see: DA6475000
NITROBENZOL, LIQUID (DOT) see: DA6475000
m-NITROBENZONITRILE see: DI4900000
p-NITROBENZONITRILE see: DI4903500
3-NITROBENZONITRILE see: DI4900000
4-NITROBENZONITRILE see: DI4903500
5-NITROBENZO(ghi)PERYLENE see: DI6290000
5-NITROBENZOTRIAZOL (DOT) see: DM1500000
5-NITROBENZOTRIAZOLE see: DM1500000
m-NITROBENZOTRIFLUORIDE see: XT3500000
o-NITROBENZOTRIFLUORIDE see: XT3480000
p-NITROBENZOTRIFLUORIDE see: XT3510000
3-NITROBENZOTRIFLUORIDE see: XT3500000
m-NITROBENZOTRIFLUORIDE (DOT) see: XT3500000
o-NITROBENZOTRIFLUORIDE (DOT) see: XT3480000
p-NITROBENZOTRIFLUORIDE (DOT) see: XT3510000
N-(p-NITROBENZOYL)AZIRIDINE see: CM8230000
1-(p-NITROBENZOYL)AZIRIDINE see: CM8230000
m-NITROBENZOYL CHLORIDE see: DM6650000
p-NITROBENZOYLCHOLINE CHLORIDE see: GA2155000
m-NITROBENZOYLCHOLINE IODIDE see: GA4850000
o-NITROBENZOYLCHOLINE IODIDE see: GA4850010
p-NITROBENZOYLETHYLENEIMINE see: CM8230000
5-p-NITROBENZOYL GENTISIC ACID see: LY3860500
N-(4-NITRO)BENZOYLOXYPIPERIDINE see: DH5850000
3-(p-NITRO-BENZOYLOXY)PROPYLGUANIDINE HYDROCHLORIDE see: MF3620650
p-NITROBENZYL BROMIDE see: XS7967000
4-NITROBENZYL BROMIDE see: XS7967000
p-NITROBENZYL CHLORIDE see: XS9093000
N-(2-((p-NITROBENZYL)DITHIO)ETHYL)DECYLAMINE MONOHYDROCHLORIDE see: HE3081000
1-(4-NITROBENZYLIDEN)AMINO-3,3-DIAETHYL-5-METHYL-2,4-PIPERIDINDION (German) see: TM7360000
2-((m-NITROBENZYLIDENE)AMINO)ETHANOL N-OXIDE see: KL9372500
2-((p-NITROBENZYLIDENE)AMINO)ETHANOL N-OXIDE see: KL9373000
m-NITROBENZYLIDENE-1,2-BENZ-9-METHYLACRIDINE see: CU4170000
m-NITROBENZYLIDENE-3,4-BENZ-9-METHYLACRIDINE see: CU4160000
o-NITROBENZYLIDENE-1,2-BENZ-9-METHYLACRIDINE see: CU4172500
o-NITROBENZYLIDENE-3,4-BENZ-9-METHYLACRIDINE see: CU4162500
p-NITROBENZYLIDENE-1,2-BENZ-9-METHYLACRIDINE see: CU4175000
p-NITROBENZYLIDENE-3,4-BENZ-9-METHYLACRIDINE see: CU4165000
N(sup 2)-(NITROBENZYLIDENE)-4-NITRO-N(sup 1)-PHENYL-o-PHENYLENEDIAMINE see: ST3005000
1-(p-NITROBENZYL)-2-NITROIMIDAZOLE see: NI7961500
NITROBENZYLTHIOINOSINE see: UO9025000
6-(p-NITROBENZYLTHIO)INOSINE see: UO9025000
3-NITROBENZ(a)PYRENE see: DJ7880000
6-NITROBENZ(a)PYRENE see: DJ7885000
p-NITROBIPHENYL see: DV5600000
4-NITROBIPHENYL see: DV5600000
4'-NITRO-4-BIPHENYLAMINE see: DV0350000
4-NITROBIPHENYL ETHER see: KO2680000
2-NITRO-1,1-BIS(p-CHLOROPHENYL)BUTANE see: EJ4900000
2-NITRO-1,1-BIS(p-CHLOROPHENYL)PROPANE see: TX3675000
5-NITRO-4,6-BIS-ETHYLENEIMINO-2-beta-NAPHTHYLPYRIMIDINE see: UV7078400
5-NITRO-4,6-BIS-ETHYLENEIMINO-2-p-CHLOROPHENYLPYRIMIDINE see: UV7071300
5-NITRO-4,6-BIS-ETHYLENEIMINO-2-METHYLPYRIMIDINE see: UV7077000
5-NITRO-4,6-BIS-ETHYLENEIMINO-2-PHENYLPYRIMIDINE see: UV7079500
5-NITRO-2,4-BIS-ETHYLENEIMINOPYRIMIDINE see: UV7079000
5-NITRO-4,6-BIS-ETHYLENEIMINOPYRIMIDINE see: UV7079010
m-NITROBROMOBENZENE see: CY9040500
o-NITROBROMOBENZENE see: CY9040450

p-NITROBROMOBENZENE see: CY9040550
2-NITROBROMOBENZENE see: CY9040450
3-NITROBROMOBENZENE see: CY9040500
4-NITROBROMOBENZENE see: CY9040550
m-NITROBROMOBENZENE (DOT) see: CY9040500
o-NITROBROMOBENZENE (DOT) see: CY9040450
p-NITROBROMOBENZENE (DOT) see: CY9040550
4-NITRO-2-(5'-BROMOSALICYLIDENAMINO)DIPHENYLAMINE see: SJ7990000
2-NITRO-2-BUTENE see: EM8750000
1,1'-(2-NITROBUTYLIDENE)BIS(4-CHLOROBENZENE) see: EJ4900000
NITROCAPHANE see: SQ7330400
N-NITROCARBAMIDE see: YT9681400
m-NITROCARBANILIC ACID 2-(BENZYLMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: FD9769000
p-NITROCARBANILIC ACID 2-(BENZYLMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: FD9770000
p-NITROCARBANILIC ACID 2-(METHYLPHENETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: FD9770100
m-NITROCARBANILIC ACID 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHYL ESTER HYDROCHLORIDE see: FD9770200
p-NITROCARBANILIC ACID 2-(METHYL(3-PHENYLPROPYL)AMINO)ETHYL ESTER HYDROCHLORIDE see: FD9770400
NITROCARBOL see: PA9800000

QW0900000 NITRO CARBO NITRATE
UPDT:8306
SYN: NITRO CARBO NITRATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:BLASTING AGENT; LABEL:BLASTING AGENT CFRGBR 49,172.101,82
NITRO CARBO NITRATE (DOT) see: QW0900000

QW0970000 NITROCELLULOSE
UPDT:8401 CAS: 9004-70-0
SYN: AS * C 2018 * CA 80-15 * CELEX * CELLOIDIN * CELLULOSE NITRATE * CELLULOSE, NITRATE (9CI) * CELLULOSE TETRANITRATE * COLLODION * COLLODION COTTON * COLLODION (DOT) * COLLODION WOOL * COLLOXYLIN * CORIAL EM FINISH F * E 1440 * FILM (DOT) * FLEXIBLE COLLODION * FM-NTS * GUNCOTTON * GUNCOTTON (DOT) * HX 3/5 * KODAK LR 115 * LR 115 * NA 2006 (DOT) * NA 1324 (DOT) * NA 2059 (DOT) * NITROCELLULOSE (DOT) * NITROCELLULOSE, in solution in flammable liquids (DOT) * NITROCELLULOSE E950 * NITROCOTTON * NITRON * NITRON (NITROCELLULOSE) * NIXON N/C * NTs 62 * NTs 218 * NTs 222 * NTs 539 * NTs 542 * PARLODION * PYRALIN * PYROXYLIN * PYROXYLIN PLASTICS (DOT) * PYROXYLIN PLASTIC SCRAP (DOT) * PYROXYLIN RODS (DOT) * PYROXYLIN ROLLS (DOT) * PYROXYLIN SHEETS (DOT) * PYROXYLIN SOLUTION (DOT) * PYROXYLIN SOLVENT (DOT) * PYROXYLIN TUBES (DOT) * RF 10 * RS * R.S.NITROCELLULOSE * SOLUBLE GUN COTTON * SS * SYNPOR * TSAPOLAK 964 * UN 0340 (DOT) * UN 1324 (DOT) * UN 2059 (DOT) * UN 2060 (DOT) * XYLOIDIN
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: NTIS** AD-778,725
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.102,83
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
NITROCELLULOSE (DOT) see: QW0970000
NITROCELLULOSE, in solution in flammable liquids (DOT) see: QW0970000

QW0975080 NITROCELLULOSE, with less than 18% plasticizing substance (DOT)
UPDT:8312
SYN: UN 0341 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83

QW0975100 NITROCELLULOSE, wet with no less than 20% water (DOT)
UPDT:8312 CAS: 9004-70-0
SYN: NA 2555 (DOT) * UN 2555 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QW0975180 NITROCELLULOSE, wet with less than 25% alcohol or 25% water (DOT)
UPDT:8312 CAS: 9004-70-0
SYN: UN 0340 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QW0975200 NITROCELLULOSE, wet with no less than 25% alcohol (DOT)
UPDT:8312 CAS: 9004-70-0
SYN: NA 2059 (DOT) * UN 0342 (DOT) * UN 2556 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.102,83
★ DOT-IMO:CLASS B EXPLOSIVE; LABEL:EXPLOSIVE B CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QW0976000 NITROCELLULOSE, wetted with more than 40% flammable liquids (DOT)
UPDT:8401 CAS: 9004-70-0
SYN: UN 2556 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
NITROCELLULOSE, with not less than 18% plasticizing substance (DOT) see: QW0980200
NITROCELLULOSE E950 see: QW0970000

QW0980200 NITROCELLULOSE, containing at least 18% plasticizing substance and not exceeding 12.6% NITROGEN (DOT)
UPDT:8312
SYN: NITROCELLULOSE, with not less than 18% plasticizing substance (DOT) * UN 0343 (DOT) * UN 2557 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.102,83
★ DOT-IMO:CLASS B EXPLOSIVE; LABEL:EXPLOSIVE B CFRGBR 49,172.102,83
4-NITROCHINOLIN N-OXID (Swedish) see: VC2100000
p-NITROCHLOORBENZEEN (Dutch) see: CZ1050000
NITROCHLOR see: KN8400000
2-NITRO-4-CHLOROANILINE see: BX1575000
4-NITRO-2-CHLOROANILINE see: BX1400000
NITROCHLOROBENZENE see: CZ0855000
m-NITROCHLOROBENZENE see: CZ0940000
o-NITROCHLOROBENZENE see: CZ0875000
p-NITROCHLOROBENZENE see: CZ1050000
NITROCHLOROBENZENE, ortho, LIQUID (DOT) see: CZ0875000
o-NITROCHLOROBENZENE mixed with NORHARMAN see: CZ1225550
NITROCHLOROBENZENE, meta-, SOLID (DOT) see: CZ0940000
NITROCHLOROBENZENE, para-, SOLID (DOT) see: CZ1050000
4-NITRO-7-CHLOROBENZOFURAZAN see: DF8002400
p-NITROCHLOROBENZOL (German) see: CZ1050000
3-NITRO-4-CHLOROBENZOTRIFLUORIDE (DOT) see: XS9140000
4-NITRO-2-(N-CHLOROBENZYLIDENAMINO)DIPHENYLAMINE see: SS8943000
NITROCHLOROFORM see: PB6300000
p-NITRO-m-CHLOROPHENYL DIMETHYL THIONOPHOSPHATE see: TE8050000
p-NITRO-o-CHLOROPHENYL DIMETHYL THIONOPHOSPHATE see: TE7875000
4-NITRO-2-(5'-CHLOROSALICYLIDENAMINO)DIPHENYLAMINE see: SJ6953000
6-NITROCHRYSENE see: GC1930000
o-NITROCINNAMIC ACID alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER HYDROCHLORIDE see: GE0404000
p-NITROCLOROBENZENE (Italian) see: CZ1050000
1-NITROCORONENE see: GM5450000
NITROCOTTON see: QW0970000

QW2230000 NITROCRESOlS (DOT)
UPDT:8312
SYN: UN 2446 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
5-NITRO-2'-DEOXYURIDINE MONOPHOSPHATE see: YU7910000
2-NITRO-1,4-DIAMINOBENZENE see: ST3000000
4-NITRO-1,2-DIAMINOBENZENE see: ST2975000
2-NITRO-DIBENZO-p-DIOXIN see: HP3322000
NITRO-p-DICHLOROBENZENE see: CZ5260000
4'-NITRO-2,4-DICHLORODIPHENYL ETHER see: KN8400000
N-(2-NITRO-4,5-DICHLOROPHENYL)-D-GLUCAMINE see: WG2965000
4-NITRO-2-(N-DIETHYLAMINOBENZYLIDENAMINO)DIPHENYLAMINE see: SS9470000
1-NITRO-9-(DIETHYLAMINOETHYLAMINE)-ACRIDINE DIHYDROCHLORIDE see: AR9069000
4-NITRODIFENYLETHER (Czech) see: KO2680000
1-NITRO-9-(2-DIHYDROXYETHYLAMINO-ETHYLAMINO)-ACRIDINE HYDROCHLORIDE see: KL9371000
N-NITRODIMETHYLAMINE see: IQ0450000
2'-NITRO-4-DIMETHYLAMINOAZOBENZENE see: BX7100000
3'-NITRO-4-DIMETHYLAMINOAZOBENZENE see: BX7050000
5-NITRO-2-(2-DIMETHYLAMINOETHYL)BENZO(de)ISOQUINOLINE-1,3-DIONE HYDROCHLORIDE see: DE4093000
1-NITRO-9-(5-DIMETHYLAMINOPENTYLAMINO)-ACRIDINE DIHYDROCHLORIDE see: SA0243000
1-NITRO-9-(3'-DIMETHYLAMINOPROPYLAMINO)-ACRIDINE see: AR9240000
NITRODIMETHYLBENZENE see: ZE4682000
p-NITRODIPHENYL see: DV5600000
4-NITRODIPHENYL see: DV5600000
4-NITRO-2-(N-DIPHENYLAMINOBENZYLIDENAMINO)DIPHENYLAMINE see: ST2295000
p-NITRODIPHENYL ETHER see: KO2680000
4-NITRODIPHENYL ETHER see: KO2680000
2-(p-(2-NITRO-1,2-DIPHENYLVINYL)PHENOXY)TRIETHYLAMINE CITRATE see: YE2140000
N-NITRO-DMA see: IQ0450000
4-NITRODRACYLIC ACID see: DH5075000
NITROETAN (Polish) see: KI5600000
NITROETHANE see: KI5600000
NITROETHANE (DOT) see: KI5600000
(2-NITROETHENYL)BENZENE mixed with STYRENE see: WL5500000
p-NITRO-p'-ETHYLAMINODIPHENYLSULFIDE see: BY0450000
p-NITRO-p'-ETHYLAMINODIPHENYLSULPHIDE see: BY0450000
NITROETHYLENE POLYMER (DOT) see: KX2150000
NITROETHYL NITRATE (DOT) see: KL9500000
4-NITRO-2-ETHYLQUINOLINE-N-OXIDE see: VB8325000
NITROFAN see: GO9625000
NITRO FAST YELLOW SL see: GE5925000
NITROFEN see: KN8400000
NITROFENE (French) see: KN8400000
4-NITROFENOL (Dutch) see: SM2275000
1-p-NITROFENYL-3,3-DIMETHYLTRIAZEN (Czech) see: XY1450000
3-NITROFLUORANTHENE see: LL4750000
4-NITROFLUORANTHENE see: LL4750000
NITROFLUORENE see: LL8040000
2-NITROFLUORENE see: LL8225000
3-NITROFLUORENONE see: LL9092000
3-NITRO-9-FLUORENONE see: LL9092000
p-NITROFLUOROBENZENE see: DA1400000
4-NITROFLUOROBENZENE see: DA1400000
NITROFORM see: PB7200000 METHANE, TRINITRO-
NITROFURAL see: LT7700000
5-NITRO-2-FURALDEHYDE ACETYLHYDRAZONE see: AJ1075000
5-NITRO-2-FURALDEHYDE see: LT7200000
5-NITRO-2-FURALDEHYDE-2-(2-HYDROXYETHYL)SEMICARBAZONE see: LT7400000
5-NITRO-2-FURALDEHYDE 5-(2-HYDROXYETHYL)SEMIOXAMAZONE see: LT7420000
5-NITRO-2-FURALDEHYDE 2-METHYLSEMICARBAZONE see: LT7487000
5-NITRO-2-FURALDEHYDE 4-METHYLSEMICARBAZONE see: LT7487500
5-NITRO-2-FURALDEHYDE OXIME see: LT7525000
5-NITROFURALDEHYDE SEMICARBAZIDE see: LT/700000
6-NITROFURALDEHYDE SEMICARBAZIDE see: LT7700000
NITROFURALDEHYDE SEMICARBAZONE see: LT7700000
5-NITRO-2-FURALDEHYDE SEMICARBAZONE see: LT7700000
5-NITRO-2-FURALDEHYDE SEMIOXAZONE see: LT7750000
5-NITRO-2-FURALDEHYDE THIOSEMICARBAZONE see: LT7875000
5-NITRO-2-FURALDOXIME see: LT7525000
5-NITRO-2-FURAMIDE see: LT8520100
5-NITRO-2-FURAMIDOXIME see: LT8522100
NITROFURAN see: LU3100000
2-NITROFURAN see: LU3100000
5-NITROFURAN see: LU3100000
5-NITRO-2-FURANACRYLIC ACID see: LT8566000
5-NITRO-2-FURANACRYLIC ACID SODIUM SALT see: LT8570000
5-NITROFURAN-2-ALDEHYDE SEMICARBAZONE see: LT7700000
5-NITRO-2-FURANCARBOXALDEHYDE SEMICARBAZONE see: LT7700000
5-NITROFURANCARBOXYLIC ACID see: LV2012000
NITROFURANTOIN see: MU2800000
6-(2-(5-NITRO-2-FURANYL)ETHENYL)-2-PYRIDINEMETHANOL see: UT5023000
3-(((5-NITRO-2-FURANYL)METHYLENE)AMINO)-2-OXAZOLIDINONE see: RQ3675000
1-((5-NITROFURANYL-2)METHYLENEAMINO)TETRAHYDROPYRIMIDONE-2-ONE see: UW7587000
2((5-NITRO-2-FURANYL)METHYLENE)HYDRAZINECARBOXAMIDE see: LT7700000
(NITROFURANYL)PYRROLE see: UX9641600
N-(4-(5-NITRO-2-FURANYL)-2-THIAZOLYL)ACETAMIDE see: AC6650000
NITROFURATE see: LV2012000
NITROFURAZAN see: LT7700000
NITROFURAZOLIDONE see: RQ3675000

NITROFURAZOLIDONUM see: RQ3675000
NITROFURAZONE see: LT7700000
NITROFURFURAL see: LT7200000
5-NITROFURFURAL see: LT7200000
5-NITROFURFURALACETYLHYDRAZONE see: AJ1075000
3-(5'-NITROFURFURALAMINO)-2-OXAZOLIDONE see: RQ3675000
5-NITROFURFURALDEHYDE see: LT7200000
5-NITROFURFURAL SEMICARBAZONE see: LT7700000
5-NITRO-2-FURFURAL SEMICARBAZONE see: LT7700000
5-NITRO-2-FURFURALDEHYDE SEMICARBAZONE see: LT7700000
(5-NITROFURFURYLIDENEAMINO)GUANIDINE SULFATE (2:1) see: MF4615000
N-(5-NITROFURFURYLIDENE)-1-AMINOHYDANTOIN see: MU2800000
1-(5-NITROFURFURYLIDEN)AMINO-3,3-DIAETHYL-5-METHYL-2,4-PIPERIDINDION (German) see: TM7362000
N-(5-NITRO-2-FURFURYLIDENE)-1-AMINOHYDANTOIN see: MU2800000
1-((5-NITROFURFURYLIDENE)AMINO)HYDANTOIN see: MU2800000
1-(5-NITROFURFURYLIDENEAMINO)-3-HYDANTOINACETATE see: MU2975000
N-(5-NITRO-2-FURFURYLIDENE)-1-AMINO-2-IMIDAZOLIDONE see: NJ0875000
1-((5-NITROFURFURYLIDENE)AMINO)-2-IMIDAZOLIDINONE see: NJ0875000
N-(5-NITRO-2-FURFURYLIDENEAMINO)-2-IMIDAZOAIDINONE see: NJ0875000
1-((5-NITROFURFURYLIDENE)AMINO)-2-METHYLTETRAHYDRO-1,4-THIAZINE-4,4-DIOXIDE see: XM3020000
4-((5-NITROFURFURYLIDENE)AMINO)-3-METHYLTHIOMORPHOLINE-1,1-DIOXIDE see: XM3020000
N-(5-NITRO-2-FURFURYLIDENE)-3-AMINOOXAZOLIDINE-2-ONE see: RQ3675000
3-((5-NITROFURFURYLIDENE)AMINO)-2-OXAZOLIDONE see: RQ3675000
N-(5-NITRO-2-FURFURYLIDENE)-3-AMINO-2-OXAZOLIDONE see: RQ3675000
(5-NITRO-2-FURFURYLIDENEAMINO)UREA see: LT7700000
3-(2-(5-NITROFURFURYLIDENE)HYDRAZINO)PYRIMIDO(4,5-e)-as-TRIAZINE-6(5H),8(7H)-DIONE see: UW7940000
(NITRO-5' FURFURYLIDENE-2') HYDROXY-4 BENZHYDRAZIDE (French) see: DH2528300
N-(6-(5-NITROFURFURYLIDENEMETHYL)-1,2,4-TRIAZIN-3-YL)IMINODIMETHANOL see: PC3200000
5-NITROFURFURYLSELENOCYANIDE see: VT0798000
5-NITRO-2-FURFURYLSELENOKYANID (Czech) see: VT0798000
NITROFURMETHONE see: RQ3620000
NITROFURMETON see: RQ3620000
5-NITROFUROIC ACID see: LV2012000
NITROFUROXIME see: LT7525000
NITROFUROXON see: RQ3675000
5-NITRO-2-FUROYLAMIDE see: LT8520100
1-(((5-NITRO-2-FUROYL)METHYLENE)AMINO)HYDANTOIN see: MU3865000
1-(((5-NITRO-2-FUROYL)METHYLENE)AMINO)-2-IMIDAZOLIDINONE see: NJ0880000
3-(((5-NITRO-2-FUROYL)METHYLENE)AMINO)-2-OXAZOLIDINONE see: RQ3678000
NITROFURYLACRYLAMIDE see: LT8566000
3-(5-NITRO-2-FURYL)ACRYLAMIDE see: LT8540000
5-NITRO-2-FURYLACRYLAMIDE see: LT8540000
5-NITRO-2-FURYL ACRYLIC ACID see: LT8566000
3-(5-NITRO-2-FURYL)ACRYLIC ACID see: LT8566000
3-(5-NITRO-2-FURYL)ACRYLIC ACID SODIUM SALT see: LT8570000
1-((3-(5-NITRO-2-FURYL)ALLYLIDENE)AMINO)HYDANTOIN POTASSIUM see: MU3871000
2-(5-NITRO-2-FURYL)-5-AMINO-1,3,4-THIADIAZOLE see: XI3600000
5-(5-NITRO-2-FURYL)-2-AMINO-1,3,4-THIADIAZOLE see: XI3600000
1-(5-NITRO-2-FURYL-GLYOXYLIDENEAMINO)-2-IMIDAZOLIDONE see: NJ0880000
3-(5-NITRO-2-FURYLGLYOXYLIDENEAMINO)-2-OXAZOLIDONE see: RQ3678000
3-((5-NITROFURYLIDENE)AMINO)-2-OXAZOLIDONE see: RQ3675000
((3-(5-NITRO-2-FURYL)-1-(2-(5-NITRO-2-FURYL)VINYL)ALLYLIDENE)AMINO)GUANIDINE see: MF4620000
N-(3-(5-NITRO-2-FURYL)-6H-1,2,4-OXADIAZINYL)ACETAMIDE see: AC6492000
N-((3-(5-NITRO-2-FURYL)-1,2,4-OXADIAZOL-5-YL)METHYL)ACETAMIDE see: AC6495000
3-(5-NITRO-2-FURYL)-2-PROPENAMIDE see: LT8540000
NITROFURYLPYRROLE see: UX9641600
N-(5-(5-NITRO-2-FURYL)-1,3,4-THIADIAZOL-2-YL)ACETAMIDE see: AC6500000
N-(4-(5-NITRO-2-FURYL)-2-THIAZOLYL)ACETAMIDE see: AC6650000
N-(4-(5-NITRO-2-FURYL)THIAZOL-2-YL)ACETAMIDE see: AC6650000
N-(4-(5-NITRO-2-FURYL)-2-THIAZOLYL)FORMAMID (German) see: LQ3150000
N-(4-(5-NITRO-2-FURYL)-2-THIAZOLYL)FORMAMIDE see: LQ3150000
(4-(5-NITRO-2-FURYL)THIAZOL-2-YL)HYDRAZONOACETONE see: AL6500000
N-(4-(5-NITRO-2-FURYL)-2-THIAZOLYL)-2,2,2-TRIFLUOROACETAMIDE see: AC6700000
N,N'-(6-(5-NITRO-2-FURYL)-s-TRIAZINE-2,4-DIYL)BISACETAMIDE see: XY5850000
3-(5-NITRO-2-FURYL)-4H-1,2,4-TRIAZOLE see: XZ4980000
6-(5-NITRO-2-FURYLVINYL)-3-ACETAMINO-1,2,4-TRIAZINE see: AC6725000
6-(5-NITRO-2-FURYLVINYL)-3-AMINO-1,2,4-TRIAZINE HYDROCHLORIDE see: XY3215000
6-(5-NITRO-2-FURYLVINYL)-3-(DIHYDROXYDIMETHYLAMINO)-1,2,4-TRIAZENE see: PC3200000
2-(2-(5-NITRO-2-FURYL)VINYL)-delta(sup 2)-1,3,4-OXADIAZOLINE-5-ONE see: RO0875000
5-(5-NITRO-2-FURYLVINYL)-1,3,4-OXADIAZOLINE-2-ONE see: RO0875000
6-(2-(5-NITRO-2-FURYL)VINYL-2-PYRIDINE-METHANOL see: UT5023000
2-(5-NITRO-2-FURYLVINYL)QUINOLINE see: VC2000000
N-(6-(2-(5-NITRO-2-FURYL)VINYL)-as-TRIAZIN-3-YL)ACETAMIDE see: AC6725000
((6-(2-(5-NITRO-2-FURYL)VINYL)-as-TRIAZIN-3-YL)IMINO)DIMETHANOL see: PC3200000
N-(6-(2-(5-NITRO-2-FURYL)VINYL)-1,2,4-TRIAZIN-3-YL)IMINODIMETHANOL see: PC3200000

QW9700000 NITROGEN

UPDT:8407 CAS: 7727-37-9 MW: 28.02 MOLFM: N2
SYN: NITROGEN (DOT) * NITROGEN GAS * NITROGEN, pressurized liquid (DOT) * UN 1066 (DOT) * UN 1977 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NITROGEN BROMIDE see: EF9200000

QW9740000 NITROGEN CHLORIDE

UPDT:8402 CAS: 10025-85-1 MW: 120.36 MOLFM: Cl3-N
SYN: AGENE * CHLORINE NITRIDE * NITROGEN TRICHLORIDE * NITROGEN TRICHLORIDE (DOT) * TRICHLORAMINE * TRICHLORINE NITRIDE

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

NITROGEN CHLORIDE see: FO2150000

QW9800000 NITROGEN DIOXIDE

UPDT:8412 CAS: 10102-44-0 MW: 46.01 MOLFM: N-O2
SYN: AZOTE (French) * AZOTO (Italian) * NITRITO * NITROGEN DIOXIDE, liquid (DOT) * NITROGEN PEROXIDE * NITROGEN PEROXIDE, liquid (DOT) * RCRA WASTE NUMBER P078 * STICKSTOFFDIOXID (German) * STIKSTOFDIOXYDE (Dutch) * UN 1067 (DOT)

MUTATION DATA AND REFERENCES:

	mmo-sat 6 ppm	MUREAV 136,119,84
	cyt-rat-ihl 27 ppm/3H-C	MUREAV 136,119,84
	msc-rat-ihl 15 ppm/3H-C	MUREAV 136,119,84
	cyt-ham:lng 5 ppm/10M-C	MUREAV 89,303,81
	sce-ham:lng 5 ppm/10M-C	MUREAV 89,303,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T35	ihl-rat TCLo:85 ug/m3/24H (1-22D preg)	GISAAA 42(12),22,77
1T26	ihl-rat TCLo:800 ug/m3/24H (1-22D preg)	GISAAA 42(12),22,77
2T14T81	ihl-rat TCLo:2360 ug/m3/12H (12W pre)	HYSAAV 36(7-9),178,71
1T85	ihl-rat TCLo:10 mg/m3/5H (1-22D preg)	TJADAB 29(3),33A,84

TOXICITY DATA AND REFERENCES:

*	ihl-hmn LCLo:200 ppm/1M	AOHYA3 17,159,74
3J21J22J30	ihl-man TCLo:90 ppm/40M	JOCMA7 8,301,66
*	ihl-rat LC50:88 ppm/4H	AMIHBC 10,418,54
2F12F17	ihl-mus LC50:1000 ppm/10M	JCTODH 4,246,77
	ihl-dog LCLo:123 mg/m3	TXAPA9 9,160,66
2J25D25	ihl-rbt LC50:315 ppm/15M	AIHAAP 23,457,62
	ihl-gpg LC50:30 ppm/1H	AEHLAU 10,220,65
	ihl-ham LC50:36 ppm/48H	DOELB* EY-76-C-04-1013

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ANAEA3 35,165,75; FEPRA7 35(1),89,76; NTIS** PB-228,002; CTOXAO 7(2),145,74; AEHLAU 16,903,68; NTIS** CONF-691001; AEHLAU 12,522,66
★ TLV-TWA 3 ppm; STEL 5 ppm DTLVS* 4,305,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 5 ppm (SCP-U) FEREAC 43,57601,78
★ DOT-HAZARD:POISON A; LABEL:POISON GAS AND OXIDIZER CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO OXIDES OF NITROGEN recm std-air:CL 1 ppm/15M

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 6700
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NITROGEN DIOXIDE, DI- see: QX1575000
NITROGEN DIOXIDE, liquid (DOT) see: QW9800000
NITROGEN (DOT) see: QW9700000
NITROGEN, pressurized liquid (DOT) see: QW9700000

QX0175000 NITROGEN FLUORIDE

UPDT:8312 CAS: 10036-47-2 MW: 104.02 MOLFM: F4-N2
SYN: DINITROGEN TETRAFLUORIDE * HYDRAZINE, TETRAFLUORO- * PERFLUOROHYDRAZINE * TETRAFLUOROHYDRAZINE (DOT) * UN 1955 (DOT)

TOXICITY DATA AND REFERENCES:

*	ihl-rat LCLo:50 ppm/4H	34ZIAG -,580,69
	ihl-gpg LC50:900 ppm/1H	TXAPA9 6,447,64

REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ DOT-IMO:POISON A; LABEL:POISON GAS CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NITROGEN FLUORIDE see: QX1925000

QX0350000 NITROGEN FLUORIDE OXIDE

UPDT:8209 CAS: 13847-65-9 MW: 87.01 MOLFM: F3-N-O
SYN: AMOX * TRIFLUOROAMINE OXIDE

TOXICITY DATA AND REFERENCES:

	ihl-rat LC50:24 ppm/4H	TXAPA9 13,76,68
	ipr-rat LD50:38 mg/kg	TXAPA9 13,76,68
	ihl-mus LC50:18 ppm/4H	TXAPA9 13,76,68
	ipr-mus LD50:30 mg/kg	TXAPA9 13,76,68

REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NITROGEN GAS see: QW9700000
NITROGEN GLUCOSIDE of SODIUM p-AMINOPHENYLSTIBONATE see: QP7050000

QX0470000 NITROGEN IODIDE

UPDT:8308 CAS: 13444-85-4 MW: 394.71 MOLFM: I3-N
SYN: NITROGEN TRIIODIDE * NITROGEN TRIIODIDE (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

NITROGEN IODIDE see: NN1600000

QX0473000 NITROGEN IODIDE, AMMONIUM

UPDT:8308 MW: 411.75 MOLFM: I3-N H3-N
SYN: NITROGEN TRIIODIDE MONOAMINE (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

NITROGEN LIME see: GS6000000

QX0525000 NITROGEN MONOXIDE

UPDT:8408 CAS: 10102-43-9 MW: 30.01 MOLFM: N-O
SYN: BIOXYDE D'AZOTE (French) * NITRIC OXIDE * NITRIC OXIDE (DOT) * OXYDE NITRIQUE (French) * RCRA WASTE NUMBER P076 * STICKMONOXYD (German) * UN 1660 (DOT)

MUTATION DATA AND REFERENCES:

	mmo-sat 30 ppm	MUREAV 136,119,84
	msc-rat-ihl 27 ppm/3H-C	MUREAV 136,119,84
	msc-ham:lng 10 ppm/10M-C	MUREAV 136,119,84

TOXICITY DATA AND REFERENCES:

	ihl-mus LCLo:320 ppm	AEPPAE 181,145,36
2J25D25	ihl-rbt LC50:315 ppm/15M	AIHAAP 23,457,62

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTOXAO 7(2),145,74
★ TLV-TWA 25 ppm; STEL 35 ppm DTLVS* 4,301,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 25 ppm (SCP-U) FEREAC 39,23540,74
★ DOT-HAZARD:POISON A; LABEL:POISON GAS CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO OXIDES OF NITROGEN recm std-air:TWA 25 ppm NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S321
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 6700
REPORTED IN EPA TSCA INVENTORY, 1983

QX0700000 NITROGEN MONOXIDE, mixed with NITROGEN TETROXIDE

UPDT:8401 CAS: 63907-41-5
SYN: AZOTU TLENKI (Polish) * NITRIC OXIDE and NITROGEN TETROXIDE, mixtures (DOT) * NITRIC OXIDE and NITROGEN TETROXIDE mixtures * NITROGEN TETROXIDE - NITRIC OXIDE MIXTURE (DOT) * UN 1975 (DOT)

TOXICITY DATA AND REFERENCES:

1J25	ihl-rat LC50:115 ppm/1H	AIHAAP 23,457,62

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON A; LABEL:POISON GAS AND OXIDIZER CFRGBR 49,172.102,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NITROGEN MUSTARD see: IA1750000
NITROGEN MUSTARD AMINE OXIDE see: IA2200000
NITROGEN MUSTARD HYDROCHLORIDE see: IA2100000
NITROGEN MUSTARD OXIDE see: IA2200000
NITROGEN MUSTARD OXIDE see: IA2275000
NITROGEN MUSTARD N-OXIDE see: IA2200000
NITROGEN MUSTARD N-OXIDE see: IA2275000
NITROGEN MUSTARD N-OXIDE HYDROCHLORIDE see: IA2275000

QX1350000 NITROGEN OXIDE

UPDT:8408 CAS: 10024-97-2 MW: 44.02 MOLFM: N2-O
SYN: DINITROGEN MONOXIDE * FACTITIOUS AIR * HYPONITROUS ACID ANHYDRIDE * LAUGHING GAS * NITROUS OXIDE * NITROUS OXIDE (DOT) * NITROUS OXIDE, compressed (DOT) * NITROUS OXIDE, refrigerated liquid (DOT) * STICKDIOXYD (German) * UN 1070 (DOT) * UN 2201 (DOT)

MUTATION DATA AND REFERENCES:

	sln-dmg-ihl 99 pph/6M-C	ENVRAL 7,286,74
	dni-rat-ihl 75000 ppm/24H	AACRAT 62,738,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	ihl-rat TCLo:50 pph/24H (8-11D preg)	20MAAQ -,308,68
1T02	ihl-rat TCLo:20 pph/8H (28D male)	ANESAV 44,104,76
3T41F47T53	ihl-rat TCLo:50 pph/24H (8-11D preg)	NATUAS 214,146,67
2T72T81	ihl-rat TCLo:50 ppm/6H (30D male)	ANASAB 38,319,83
2T31T35	ihl-rat TCLo:1 pph/8H (1-21D preg)	ANESAV 48,11,78
1T83	ihl-rat TCLo:50 pph/24H (13D preg)	TJADAB 27,31A,83

TOXICITY DATA AND REFERENCES:

3F01G08U26	ihl-hmn TDLo:24 mg/kg/2H	BJANAD 35,631,63
*	ihl-rat LC50:1068 mg/m3/4H	TPKVAL 15,53,79
	ihl-mus LCLo:1500 ppm	AEPPAE 181,145,36

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLPTAT 8,91,67; AACRAT 57,328,78

STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS — CFRGBR 49,172.101,82
★ DOT-IMO:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS, OXIDIZER, compressed — CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO WASTE ANESTHETIC GASES AND VAPORS recm std-air:TWA 25 ppm — NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 6600 and 6700
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NITROGEN OXYCHLORIDE see: QZ7883000
NITROGEN PEROXIDE see: QW9800000
NITROGEN PEROXIDE, liquid (DOT) see: QW9800000
NITROGEN SELENIDE see: VT0184000
NITROGEN SESQUIOXIDE see: QX1960000

QX1575000 NITROGEN TETROXIDE

UPDT:8408 CAS: 10544-72-6 MW: 92.02 MOLFM: N2-O4
SYN: DINITROGEN TETROXIDE * NITROGEN DIOXIDE, DI- * NA 1067 (DOT) * NITROGEN TETROXIDE, liquid (DOT)

TOXICITY DATA AND REFERENCES:

2J25D25	ihl-rbt LC50:315 ppm/15M	AIHAAP 23,457,62

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ANAEA3 35,165,75

STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON A; LABEL:POISON GAS AND OXIDIZER — CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 6700
REPORTED IN EPA TSCA INVENTORY, 1983

NITROGEN TETROXIDE, liquid (DOT) see: QX1575000
NITROGEN TETROXIDE - NITRIC OXIDE MIXTURE (DOT) see: QX0700000
NITROGEN TRICHLORIDE see: QW9740000
NITROGEN TRICHLORIDE (DOT) see: QW9740000

QX1925000 NITROGEN TRIFLUORIDE

UPDT:8312 CAS: 7783-54-2 MW: 71.01 MOLFM: F3-N
SYN: NITROGEN FLUORIDE * NITROGEN TRIFLUORIDE (DOT) * UN 2451 (DOT)

TOXICITY DATA AND REFERENCES:

	ihl-rat LC50:6700 ppm/1H	TXAPA9 26,1,73
	ihl-mus LCLo:2000 ppm/4H	JOCMA7 4,262,62
	ihl-dog LCLo:9600 ppm/1H	TXAPA9 26,1,73
	ihl-mky LCLo:10000 ppm/1H	TXAPA9 26,1,73

REVIEW AND REFERENCES:
★ TLV-TWA 10 ppm; STEL 15 ppm — DTLVS* 4,307,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ppm (SCP-Q) — FEREAC 39,23540,74
★ DOT-IMO:POISON A; LABEL:POISON GAS — CFRGBR 49,172.102,83
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 — NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NITROGEN TRIFLUORIDE (DOT) see: QX1925000
NITROGEN TRIIODIDE see: QX0470000
NITROGEN TRIIODIDE (DOT) see: QX0470000
NITROGEN TRIIODIDE MONOAMINE (DOT) see: QX0473000

QX1960000 NITROGEN TRIOXIDE

UPDT:8408 CAS: 10544-73-7 MW: 76.02 MOLFM: N2-O3
SYN: DINITROGEN TRIOXIDE * NITROGEN SESQUIOXIDE * NITROGEN TRIOXIDE (DOT) * NITROUS ANHYDRIDE * UN 2421 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON A; LABEL:POISON GAS — CFRGBR 49,172.102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 6700
REPORTED IN EPA TSCA INVENTORY, 1983

NITROGEN TRIOXIDE (DOT) see: QX1960000
NITROGLICERINA (Italian) see: QX2100000
NITROGLICERYNA (Polish) see: QX2100000

QX2100000 NITROGLYCERIN

UPDT:8411 CAS: 55-63-0 MW: 227.11 MOLFM: C3-H5-N3-O9
SYN: ANGININE * BLASTING GELATIN * BLASTING GELATIN (DOT) * BLASTING OIL * GLONOIN * GLYCEROLTRINITRAAT (Dutch) * GLYCERINTRINITRATE (Czech) * GLYCEROL TRINITRATE * GLYCEROL(TRINITRATE DE) (French) * GLYCEROL, NITRIC ACID TRIESTER * GLYCERYL NITRATE * GLYCERYL TRINITRATE * GLYCERYL TRINITRATE, SOLUTION up to 1% in alcohol (DOT) * GTN * KLAVI KORDAL * MYOCON * NG * NIGLYCON * NIONG * NITRIC ACID TRIESTER of GLYCEROL * NITRINE-TDC * NITROGLYCERIN, liquid, desensitized (DOT) * NITROGLYCERIN, liquid, not desensitized (DOT) * NITROGLYCERIN solution, in alcohol with not more than 1% NITROGLYCERIN (DOT) * NITROGLICERINA (Italian) * NITROGLICERYNA (Polish) * NITROGLYCERINE * NITROGLYCEROL * NITROGLYN * NITROL * NITROLINGUAL * NITROLOWE * NITRONET * NITRONG * NITRO-SPAN * NITROSTAT * NK 843 * NTG * PERGLOTTAL * 1,2,3-PROPANETRIOL, TRINITRATE * 1,2,3-PROPANETRIYL NITRATE * RCRA WASTE NUMBER P081 * SOUP * TNG * TRINITRIN * TRINITROGLYCERIN * TRINITROGLYCEROL * UN 0143 (DOT) * UN 1204 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MLD	NTIS** AD-B011-150

MUTATION DATA AND REFERENCES:

	mma-sat 50 ug/well	CBINA8 19,77,77

TUMORIGENIC DATA AND REFERENCES:

2V03L60	orl-rat TDLo:36500 mg/kg/2Y-C	ARTODN (Suppl 4),88,80
3V03L60T61	orl-rat TD :438 gm/kg/2Y-C	ARTODN (Suppl 4),88,80

TOXICITY DATA AND REFERENCES:

	unk-hmn LDLo:28 mg/kg	32ZWAA 8,338,74
3F19J22U26	orl-rat LD50:525 mg/kg	IYKEDH 13,90,82
3F19J22U26	ipr-rat LD50:102 mg/kg	IYKEDH 13,90,82
3F19J22U26	scu-rat LD50:545 mg/kg	IYKEDH 13,90,82
3F07F11F19	ivn-rat LD50:23200 ug/kg	JJATDK 3,161,83
3F19J22U26	orl-mus LD50:500 mg/kg	IYKEDH 13,90,82
3F19J22U26	ipr-mus LD50:104 mg/kg	IYKEDH 13,90,82
3F19J22U26	scu-mus LD50:505 mg/kg	IYKEDH 13,90,82
3F19J22U26	ivn-mus LD50:10600 ug/kg	IYKEDH 13,90,82
3D21F12J22	ivn-dog LD50:19 mg/kg	OYYAA2 22,629,81
	scu-cat LDLo:150 mg/kg	AEPPAE 200,271,42
	scu-rbt LDLo:400 mg/kg	AEPPAE 200,271,42
*	ivn-rbt LD50:45 mg/kg	NIIRDN 6,547,82

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: NTIS** AD-778,725
★ TLV-TWA 20 ppb;STEL 40 ppb (skin) — DTLVS* 4,307,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 200 ppb (skin) (SCP-P) — FEREAC 39,23540,74
★ OSHA STANDARD-air:CL 2 mg/m3 (skin) (SCP-P) — FEREAC 43,57601,78
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A, desensitized — CFRGBR 49,172.101,82
★ DOT-HAZARD:FORBIDDEN, not desensitized — CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NITROGLYCERIN OR EGDN recm std-air:CL 0.1 mg/m3/20M — NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 2507
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NITROGLYCERIN, liquid, desensitized (DOT) see: QX2100000

QX2275000 NITROGLYCERIN mixed with ETHYLENE GLYCOL, DINITRATE (1:1)

UPDT:8408 CAS: 53569-64-5 MW: 379.19 MOLFM: C3-H5-N3-O9 C2-H4-N2-O6
SYN: ETHYLENE GLYCOL DINITRATE mixed with NITROGLYCERIN (1:1)

TOXICITY DATA AND REFERENCES:

	scu-cat LDLo:75 mg/kg	AEPPAE 200,271,42
	scu-rbt LDLo:300 mg/kg	AEPPAE 200,271,42

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: NTIS** AD-778,725

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 1 mg/m3 (skin) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NITROGLYCERIN OR EGDN recm std-air:CL 0.1 mg/m3/20M — NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 2507

NITROGLYCERINE see: QX2100000
NITROGLYCERIN, liquid, not desensitized (DOT) see: QX2100000
NITROGLYCERIN solution, in alcohol with not more than 1% NITROGLYCERIN (DOT) see: QX2100000
NITROGLYCEROL see: QX2100000
NITROGLYCOL see: KW5600000
NITROGLYKOL (Czech) see: KW5600000
NITROGLYN see: QX2100000
NITROGRANULOGEN see: IA2100000
NITROGUANIDINE see: MF4600000
alpha-NITROGUANIDINE see: MF4600000
beta-NITROGUANIDINE see: MF4600000
NITROGUANIDINE, containing less than 20% water (DOT) see: MF4600000
NITROGUANIDINE, wet with not less than 20% water (DOT) see: MF4605000
NITROGUANIDINE, DRY (DOT) see: MF4600000
NITROGUANIDINE NITRATE (DOT) see: MF4623000
4'-NITRO-beta-(1-HEPTAMETHYLENIMINO)-ETHYL KETONE HYDROCHLORIDE see: UH4388350
2-NITRO-2-HEXENE see: MP7000000
3-NITRO-3-HEXENE see: MP7350000
1-NITRO-9-(3-HEXYLAMINOPROPYLAMINO)ACRIDINE DIHYDROCHLORIDE see: TX8040000
1-NITROHYDANTOIN (DOT) see: MU2770000
NITROHYDROCHLORIC ACID (DOT) see: MW4100000
NITROHYDROCHLORIC ACID, diluted (DOT) see: MW4100000
5-NITRO-2-HYDROXY-3-AETHYLBENZOESAEURE (German) see: DH0217000
2-NITRO-1-HYDROXYBENZENE-4-ARSONIC ACID see: CY5250000
3-NITRO-4-HYDROXYBENZENEARSONIC ACID see: CY5250000
1-NITRO-9-(HYDROXYETHYLAMINO)-ACRIDINE HYDROCHLORIDE see: KL9371050
6-NITRO-4-HYDROXYLAMINOQUINOLINE 1-OXIDE see: VB9450000
7-NITRO-4-HYDROXYLAMINOQUINOLINE 1-OXIDE see: VB9625000
4-NITRO-6-HYDROXYBENZIMIDAZOLE see: DE2275400
4-NITRO-5-HYDROXYMERCURIORTHOCRESOL see: RO4375000
3-NITRO-4-HYDROXYPHENYLARSENOUS ACID see: SJ7185000
3-NITRO-4-HYDROXYPHENYLARSONIC ACID see: CY5250000
5-NITRO-8-HYDROXYQUINOLINE see: VC8225000
2-NITROIMIDAZOLE see: NI7875000
2-NITRO-1H-IMIDAZOLE see: NI7875000
1-(2-NITRO-1-IMIDAZOLYL)-3-ALLYLOXY-2-PROPANOL see: NI5431900
4-(2-(5-NITROIMIDAZOL-1-YL)ETHYL)-MORPHOLINE see: QE7400000
1-(2-NITROIMIDAZOL-1-YL)-3-METHOXYPROPAN-2-OL see: NI5572000
3-(2-NITROIMIDAZOL-1-YL)-1,2-PROPANEDIOL see: TZ0818000
1-(5-NITRO-4-IMIDAZOLYL)-3,3-TRIAZENEDIETHANOL see: XY0330000
5-NITRO-1H-INDOLE-3-ETHANAMINE see: NL8509000
NITROISOBUTANETRIOL TRINITRATE (DOT) see: TY7527000
NITROISOBUTYL GLYCERYL TRINITRATE see: TY7527000

NITROISOBUTYL GLYCOL TRINITRATE see: TY7527000
NITROISOPROPANE see: TZ5250000
1-NITRO-9-(3-ISOPROPYLAMINOPROPYLAMINE)-ACRIDINE DIHYDROCHLORIDE see: TX8257000
1-NITRO-9-(3-ISOPROPYLAMINOPROPYLAMINO)-ACRIDINE DIHYDROCHLORIDE see: TX8257000
4-NITROISOTHIAZOLE see: NX8155950
NITRO KLEENUP see: SL2800000
NITROL see: BY5760000
NITROL see: QX2100000
NITROLIM see: GS6000000
NITROLIME see: GS6000000
NITROLINGUAL see: QX2100000
NITROLOWE see: QX2100000
NITROL (PROMOTER) see: BY5760000
NITRO MANNITE see: OP3000000
NITROMANNITE (DOT) see: OP3000000
NITROMANNITE (DRY) (DOT) see: OP3000000
NITROMANNITOL see: OP3000000
NITROMERSOL see: RO4375000
NITROMERSOL SOLUTION see: RO4375000
NITROMETAN (Polish) see: PA9800000
NITROMETHANE see: PA9800000
NITROMETHANE (DOT) see: PA9800000
3-NITRO-6-METHOXYANILINE see: BZ7175000
5-NITRO-2-METHOXYANILINE see: BZ7175000
2-NITRO-5-METHOXYBENZOFURAN see: DF6850000
2-NITRO-7-METHOXYNAPHTHO(2,1-b)FURAN see: QL0840000
2-NITRO-8-METHOXYNAPTHTHOL(2,1-b)-FURAN see: QL0840200 NAPHTHO(2,1-b)FURAN, 8-METHOXY-2-NITRO-
1-NITRO-2-METHYLANTHRAQUINONE see: CB7920000
2-NITRO-3-METHYL-5-CHLOROBENZOFURAN see: DF6525000
2-NITRO-6-METHYLDIPYRIDO(1,2-a:3',2'-d)IMIDAZOLE see: JM5660000
5-NITRO-2-METHYLFURAN see: LU2798000
N-NITRO-N-METHYLGLYCOLAMIDE NITRATE (DOT) see: AC3650000
3-(5-NITRO-1-METHYL-2-IMIDAZOLYL)-METHYLENE-AMINO-5-MORPHOLINO-METHYL-2-OXAZOLIDONE HCl see: RQ3644000
DL-1-(2-NITRO-3-METHYL-PHENOXY)-3-tert-BUTYLAMINO-PROPAN-2-OL see: UA8470000
DL-1-(2-NITRO-5-METHYLPHENOXY)-3-tert-BUTYLAMINO-PROPAN-2-OL see: UA8485000
2-NITRO-2-METHYLPROPANOL NITRATE see: UB8580000
2-NITRO-2-METHYLPROPYL CARBAMATE see: FC6026000
3-NITRO-1-METHYL-5H-PYRIDO(4,3-b)INDOLE see: UV0320000
6'-NITRO-3-METHYLSPIRO(2H-1-b-NAPHTHO-PYRAN-2,2'-(2'H-1'-BENZOPYRAN)) see: WG9880000
NITROMIDINE see: UV6261500
NITROMIFENE CITRATE see: UY1348500
NITROMIN see: IA2200000
NITROMIN see: IA2275000
NITROMIN HYDROCHLORIDE see: IA2275000
NITROMIN IDO see: XJ2800000
N-NITROMORPHOLINE see: QE7392000 MORPHOLINE, 4-NITRO-
4-NITROMORPHOLINE see: QE7392000 MORPHOLINE, 4-NITRO-
NITROMURIATIC ACID (DOT) see: MW4100000
NITRON see: QW0970000
NITRON, combustion products see: AT6975000
NITRONAPHTHALENE see: QJ9710000
alpha-NITRONAPHTHALENE see: QJ9720000
1-NITRONAPHTHALENE see: QJ9720000
2-NITRONAPHTHALENE see: QJ9760000
NITRONAPHTHALENE (DOT) see: QJ9710000
5-NITRONAPHTHALENE ETHYLENE see: AB1060000
3-NITRONAPHTHALIC ANHYDRIDE see: QK5370000
3-NITRO-1,8-NAPHTHALIC ANHYDRIDE see: QK5370000
2-NITRONAPHTHO(2,1-b)FURAN see: QL0842000
1-NITRO-2-NAPHTHOL see: QL4500000
5-NITRO-1-NAPHTHONITRILE see: QL5977000
1-NITRO-2-NAPHTHYLAMINE see: QM4374000
3-NITRO-2-NAPHTHYLAMINE see: QM4375000
4-NITRO-1-NAPHTHYLAMINE see: QM4370000

QX8500000 NITRONE, alpha-(BENZ(c)ACRIDIN-7-YL)-N-p-(DIMETHYLAMINO)PHENYL-
UPDT 8401 CAS: 63019-50-1 MW: 391.50 MOLFM: C26-H21-N3-O
SYN: alpha-(BENZ(c)ACRIDIN-7-YL)-N-(p-(DIMETHYLAMINO)PHENYL)NITRONE * alpha-(9-(3,4-BENZACRIDYL)-N-(p-DIMETHYLAMINOPHENYL)-NITRONE
TUMORIGENIC DATA AND REFERENCES:
3V03J60P61 scu-mus TDLo:200 mg/kg VOONAW 1,52,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NITRONET see: QX2100000
NITRONG see: QX2100000
4-NITRO-2-(N-NITROBENZYLIDENAMINO)DIPHENYLAMINE see: ST3005000
2-NITRO-1-(p-NITROBENZYL)IMIDAZOLE see: NI7961500
2-NITRO-1-(4-NITROPHENOXY)-4-(TRIFLUOROMETHYL)BENZENE see: KO2750000
4-NITRO-2-(3'-NITROSALICYLIDENAMINO)DIPHENYLAMINE see: SJ6955000
3-(2-NITRO-1-NITROSOETHYLIDENE)-2-INDOLINONE see: NM2209400
N'-NITRO-N-NITROSO-N-METHYLGUANIDINE see: MF4200000
3-NITRO-1-NITROSO-1-PROPYLGUANIDINE see: MF4643000

QX8620000 NITRONIUM, TETRAFLUOROBORATE(1-)
UPDT 7901 CAS: 13826-86-3 MW: 132.82 MOLFM: B-F4-N-O2
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#05621
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NITRON LAVSAN see: TR2725000
NITRON (NITROCELLULOSE) see: QW0970000
2-NITRO-2-NONENE see: RA8575000
NITRON (POLYESTER) see: TR2725000
4'-NITRO-3-(OCTAHYDROAZOCIN-1-YL)PROPIOPHENONE HYDROCHLORIDE see: UH4388350
N-(3-NITRO-9-OXO-2-FLUORENYL)ACETAMIDE see: AC6730000
5-NITRO-N-(2-OXO-3-OXAZOLIDINYL)-2-FURANMETHANIMINE see: RQ3675000
4-NITRO-2-(N-OXYBENZYLIDENAMINO)DIPHENYLAMINE see: SJ6951000
4-NITRO-2-(2'-OXYBENZYLIDENAMINO)DIPHENYLAMINE see: SJ6952000
4-NITRO-2-(2'-OXY-3'-METHOXYBENZYLIDENAMINO)DIPHENYLAMINE see: SJ6954000
NITROPENTA see: RZ2620000
NITROPENTAERYTHRITE see: RZ2620000
NITROPENTAERYTHRITOL see: RZ2620000
1-NITROPENTANE see: RA1140000
p-NITROPEROXYBENZOIC ACID see: SD9500000
3-NITROPERYLENE see: SE3796000
NITROPHEN see: KN8400000
NITROPHENE see: KN8400000
p-NITROPHENETOL (German) see: DA0600000
p-NITROPHENETOLE see: DA0600000
NITROPHENOL see: SM1920000
m-NITROPHENOL see: SM1925000
o-NITROPHENOL see: SM2100000
p-NITROPHENOL see: SM2275000
2-NITROPHENOL see: SM2100000
3-NITROPHENOL see: SM1925000
4-NITROPHENOL see: SM2275000
3-(alpha-(p-NITROPHENOL)-beta-ACETYLETHYL)-4-HYDROXYCOUMARIN see: GN4900000
NITROPHENOLARSONIC ACID see: CY5250000
NITROPHENOL (DOT) see: SM1920000
m-NITROPHENOL (DOT) see: SM1925000
o-NITROPHENOL (DOT) see: SM2100000
p-NITROPHENOL (DOT) see: SM2275000
beta-(p-NITROPHENOXY)ACROLEIN see: AS2110000
3-(p-NITROPHENOXY)ACROLEIN see: AS2110000
5-(2-(2-NITROPHENOXY)ETHYL)-1H-TETRAZOLE see: XF7480200
5-(2-(4-NITROPHENOXY)ETHYL)-1H-TETRAZOLE see: XF7480400
4-NITRO-2-PHENOXY-METHANESULFONANILIDE see: PB0970000
2-((p-NITROPHENOXY)METHYL)-1-((PYRROLIDINYL)METHYL)BENZIMIDAZOLE see: DD9906500
2-((p-NITROPHENOXY)METHYL)-1-((2-PYRIDYLAMINO)METHYL)BENZIMIDAZOLE see: DD9906000
2-((p-NITROPHENOXY)METHYL)-1-((2-THIAZOLYLAMINO)METHYL)BENZIMIDAZOLE see: DD9907500
2-((p-NITROPHENOXY)METHYL)-3-(2-THIAZOLYL)-4(3H)-QUINAZOLINONE see: VA4171800
p-NITROPHENOXYTRIBUTYLTIN see: WH8588500
1-(2-NITROPHENYLACETAMIDO)-2-METHYL-4-BROMO-9,10-ANTHRAQUINONE see: CB5982000
(p-NITROPHENYL)ACETIC ACID see: AJ1130010
2-(p-NITROPHENYL)ACETIC ACID see: AJ1130010
(4-NITROPHENYL)ACETIC ACID see: AJ1130010
3-(alpha-(4'-NITROPHENYL)-beta-ACETYLETHYL)-4-HYDROXYCOUMARIN see: GN4900000
3-(alpha-p-NITROPHENYL-beta-ACETYLETHYL)-4-HYDROXYCOUMARIN see: GN4900000
NITROPHENYLACETYLETHYL-4-HYDROXYCOUMARINE see: GN4900000
m-NITROPHENYLAMINE see: BY6825000
p-NITROPHENYLAMINE see: BY7000000
N-(((4-NITROPHENYL)AMINO)CARBONYL)-beta-ALANINE MONOSODIUM SALT see: AY7515000
p-NITROPHENYLARSONIC ACID see: CY6125000
4-NITROPHENYLARSONIC ACID see: CY6125000
4-((p-NITROPHENYL)AZO)DIPHENYLAMINE see: JJ9700000
7-((p-NITROPHENYLAZO)METHYL)BENZ(c)ACRIDINE see: CU4150000
o-(4-(o-NITROPHENYL)-3H-1,5-BENZODIAZEPIN-2-YL)PHENOL see: SM4600100
o-(4-(p-NITROPHENYL)-3H-1,5-BENZODIAZEPIN-2-YL)PHENOL see: SM4600300
1-(m-NITROPHENYL)-BIGUANIDE HYDROCHLORIDE see: DU2065000
1-(p-NITROPHENYL)BIGUANIDE HYDROCHLORIDE see: DU2075000
2-(p-NITROPHENYL)BUTYRIC ACID see: ET5951000
p-NITROPHENYLCARBAMIDOPROPIONIC ACID SODIUM SALT see: AY7515000
N-(p-NITROPHENYLCARBAMOYL)-beta-ALANINE SODIUM SALT see: AY7515000
N-(p-NITROPHENYL)-N'-(beta-CARBOXYETHYL)UREA SODIUM SALT see: AY7515000
D-(-)-threo-1-p-NITROPHENYL-2-DICHLORACETAMIDO-1,3-PROPANEDIOL see: AB6825000
D-threo-1-(p-NITROPHENYL)-2-(DICHLOROACETYLAMINO)-1,3-PROPANEDIOL see: AB6825000
m-NITROPHENYL-DICHLOROARSINE see: CH4725000
p-NITROPHENYL DIETHYLPHOSPHATE see: TC2275000
7-NITRO-5-PHENYL-2,3-DIHYDRO-1H-1,4-BENZODIAZEPIN-2-ONE see: DF2450000
4-(2'-NITROPHENYL)-2,6-DIMETHYL-3,5-DICARBOMETHOXY-1,4-DIHYDROPYRIDINE see: US7975000
p-NITROPHENYLDIMETHYLTHIONOPHOSPHATE see: TG0175000
1-(p-NITROPHENYL-3,3-DIMETHYL-TRIAZEN (German) see: XY1450000
1-(p-NITROPHENYL)-3,3-DIMETHYL-TRIAZENE see: XY1450000
1-(4-NITROPHENYL)-3,3-DIMETHYLTRIAZENE see: XY1450000
m-NITROPHENYLDINITROMETHANE (DOT) see: XU0150000
NITRO-p-PHENYLENEDIAMINE see: ST3000000
o-NITRO-p-PHENYLENEDIAMINE see: ST3000000
p-NITRO-o-PHENYLENEDIAMINE see: ST2975000
2-NITRO-1,4-PHENYLENEDIAMINE see: ST3000000
3-NITRO-o-PHENYLENEDIAMINE see: ST2974000
4-NITRO-o-PHENYLENE-DIAMINE see: ST2975000
4-NITRO-1,2-PHENYLENEDIAMINE see: ST2975000
1-(3-NITROPHENYL)ETHYL 3-((DIMETHOXYPHOSPHINYL)OXY)-2-BUTENOATE see: GQ5280000
5-(o-NITROPHENYL)-2-FURAMIDINE HYDROCHLORIDE see: LT8521400
5-(p-NITROPHENYL)-2-FURAMIDINE HYDROCHLORIDE see: LT8521600
5-(2'-NITROPHENYL)-2-FURAMIDINE HYDROCHLORIDE see: LT8521400
5-(4'-NITROPHENYL)-2-FURAMIDINE HYDROCHLORIDE see: LT8521600
1-((5-(p-NITROPHENYL)FURFURYLIDENE)AMINO)HYDANTOIN SODIUM see: MU3875000
NITROPHENYL GLYCIDYL ETHER see: TZ3650000
p-NITROPHENYL GLYCIDYL ETHER see: TZ3650000
N-(m-NITROPHENYL)GLYCINE see: MC0801000
N-(o-NITROPHENYL)GLYCINE see: MC0801100
N-(p-NITROPHENYL)GLYCINE see: MC0801200
N-(m-NITROPHENYL)GLYCINE ETHYL ESTER see: MC0802000
N-(o-NITROPHENYL)GLYCINE ETHYL ESTER see: MC0802100
N-(p-NITROPHENYL)GLYCINE ETHYL ESTER see: MC0802200
p-NITROPHENYL p-GUANIDINO-BENZOATE see: DH1425000
p-NITROPHENYL p'-GUANIDINOBENZOATE see: DH1425000
4-NITROPHENYL 4-GUANIDINOBENZOATE see: DH1425000
p-NITROPHENYLHYDRAZINE see: MV8225000
2-NITROPHENYLHYDRAZINE see: MV8210000
2-(p-NITROPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE see: NI3028000
N-(4-NITROPHENYL)-IMIDODICARBONIMIDIC DIAMIDE MONOHYDROCHLORIDE see: DU2075000
o-NITROPHENYLMERCURY ACETATE see: OV6400000
NITROPHENYLMETHANE see: XT2972000
(4-NITROPHENYL)METHYL 2,3-DIBROMO-3-((DIMETHOXYPHOSPHINYL)OXY)BUTANOATE see: ES9010000
N-(5-((2-NITROPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE see: US4675250
N-(5-((3-NITROPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE see: US4675260
N-(5-((4-NITROPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE see: US4675270
o-NITROPHENYL METHYL ETHER see: BZ8790000
p-NITROPHENYL METHYL KETONE see: AM9627000
4-NITROPHENYL METHYLPHENYLPHOSPHINATE see: SZ5385000
6-(((4-NITROPHENYL)METHYL)THIO)-9-beta-D-RIBOFURANOSYL-9H-PURINE see: UO9025000
p-NITROPHENYL 2-NITRO-4-(TRIFLUOROMETHYL) PHENYL ETHER see: KO2750000
(p-NITROPHENYL)OXIRANE see: CZ9920000
p-NITROPHENYL PHENYLETHER see: KO2680000
4-NITROPHENYL PHENYL ETHER see: KO2680000
O-(4-NITROPHENYL) O-PHENYLMETHYLPHOSPHONOTHIOATE see: TB1680000

(m-NITROPHENYL)PHENYLPHOSPHINIC ACID see: SZ5390100
(p-NITROPHENYL)PHENYLPHOSPHINIC ACID see: SZ5390200
3-NITROPHENYLPHOSPHONIC ACID see: SZ9430100
(m-NITROPHENYL)PHOSPHONIC ACID see: SZ9430100
(p-NITROPHENYL)PHOSPHONIC ACID see: SZ9430300
3-(4-(p-NITROPHENYL)-1-PIPERAZINYLMETHYL)-4(3H)-QUINAZOLINONE DIHYDROCHLORIDE see: VA4172010
O-(4-NITROPHENYL) O-PROPYLMETHYLPHOSPHONOTHIOATE see: TB1690000
N-(4-NITROPHENYL)-N'-(3-PYRIDINYLMETHYL)UREA see: YT9690000
1-(4-(p-NITROPHENYL)-2-THIAZOLYL)HYDANTOIN see: MU3930000
S-(3-NITRO-PHENYL-THIOCARBAMOYL)-THIOGLYKOLSAEURE (German) see: FD8892350
S-(4-NITRO-PHENYL-THIOCARBAMOYL)-THIOGLYKOLSAEURE (German) see: FD8892400
(NITRO-4' PHENYLTHIO-4 PHENYL)-1 DIMETHYL-2,5 PYRROLE (French) see: UX9475000
N-(4-((4-NITROPHENYL)THIO)PHENYL)-4-MORPHOLINEACETAMIDE see: QD6483000
N-(4-((4-NITROPHENYL)THIO)PHENYL)-1-PIPERIDINEACETAMIDE see: TM3508750
p-NITROPHENYL 2,4,6-TRICHLOROPHENYL ETHER see: KO2700000
p-NITROPHENYL alpha,alpha,alpha-TRIFLUORO-2-NITRO-p-TOLYL ETHER see: KO2750000
(m-NITROPHENYL)TRIMETHYLAMMONIUM IODIDE see: BR9199900
3-NITROPHENYLTRIMETHYLAMMONIUM IODIDE see: BR9199900
NITROPHOS see: TG0350000
3-NITROPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-PROPYL ESTER HYDROCHLORIDE see: TI2700000
NITROPONE C see: SJ9800000
NITROPORE see: LQ1040000
NITROPORE OBSH see: DB7321000
1-NITROPROPANE see: TZ5075000
2-NITROPROPANE see: TZ5250000
1-NITROPROPANE (DOT) see: TZ5075000
2-NITROPROPANE (DOT) see: TZ5250000
beta-NITROPROPIONIC ACID see: UF6220000
3-NITROPROPIONIC ACID see: UF6220000
5-NITRO-2-PROPOXYANILINE see: BY7400000
1,1'-(2-NITROPROPYLIDENE)BIS(4-CHLOROBENZENE) see: TX3675000
1-NITROPYRENE see: UR2480000
3-NITROPYRENE see: UR2480000
1-NITROPYREN-3-OL see: UR2900000
1-NITROPYREN-6-OL see: UR2920000
3-NITRO-2-PYRIDINOL see: UU7718000
3-(5-NITRO-2-PYRIDYL)-2-(m-CHLOROSTYRYL)-4(3H)-QUINAZOLINONE see: VA4172400
3-(5-NITRO-2-PYRIDYL)-2-(o-CHLOROSTYRYL)-4(3H)-QUINAZOLINONE see: VA4172410
3-(5-NITRO-2-PYRIDYL)-2-(p-CHLOROSTYRYL)-4(3H)-QUINAZOLINONE see: VA4172420
3-(5-NITRO-2-PYRIDYL)-2-(3,4-DICHLOROSTYRYL)-4(3H)-QUINAZOLINONE see: VA4172500
3-(5-NITRO-2-PYRIDYL)-2-(2,4-DIHYDROXYSTYRYL)-4(3H)-QUINAZOLINONE see: VA4172600
3-(5-NITRO-2-PYRIDYL)-2-(m-HYDROXYSTYRYL)-4(3H)-QUINAZOLINONE see: VA4172800
3-(5-NITRO-2-PYRIDYL)-2-(o-HYDROXYSTYRYL)-4(3H)-QUINAZOLINONE see: VA4172810
3-(5-NITRO-2-PYRIDYL)-2-(o-METHOXYSTYRYL)-4(3H)-QUINAZOLINONE see: VA4173100
3-(5-NITRO-2-PYRIDYL)-2-(p-METHOXYSTYRYL)-4(3H)-QUINAZOLINONE see: VA4173110
3-(5-NITRO-2-PYRIDYL)-2-(o-NITROSTYRYL)-4(3H)-QUINAZOLINONE see: VA4173200
3-(5-NITRO-2-PYRIDYL)-2-STYRYL-4(3H)-QUINAZOLINONE see: VA4173500
5-NITROPYROMUCATE see: LV2012000
5-NITRO-3-(PYRROLIDINYLMETHYL)INDOLE see: NM1190000
N-(4-(4-NITRO-2-PYRROLYL)-2-THIAZOLYL)FORMAMIDE see: LQ3159000
N-(4-(5-NITRO-2-PYRROLYL)-2-THIAZOLYL)FORMAMIDE see: LQ3159500
5-NITROQUINALDIC ACID see: UZ9580000
8-NITROQUINALDINE see: UZ9830000
4-NITROQUINALDINE-N-OXIDE see: UZ9850000
5-NITROQUINALDINIC ACID see: UZ9580000
2-NITROQUINOLINE see: VC1750000
5-NITROQUINOLINE see: VC1850000
6-NITROQUINOLINE see: VC1900000
8-NITROQUINOLINE see: VC1925000
5-NITRO-2-QUINOLINECARBOXYLIC ACID see: UZ9580000
4-NITRO-6-QUINOLINECARBOXYLIC ACID 1-OXIDE see: VB2275000
4-NITROQUINOLINE-6-CARBOXYLIC ACID 1-OXIDE see: VB2275000
3-NITROQUINOLINE 1-OXIDE see: VC2030000
4-NITROQUINOLINE-N-OXIDE see: VC2100000
4-NITROQUINOLINE-1-OXIDE see: VC2100000
5-NITROQUINOLINE 1-OXIDE see: VC2110000
6-NITROQUINOLINE-1-OXIDE see: VC2120000
7-NITROQUINOLINE-1-OXIDE see: VC2150000
5-NITRO-8-QUINOLINOL see: VC8225000
5-NITROQUINOXALINE see: VD3518000
p-NITROSALICYLIC ACID see: VO5300100
4-NITROSALICYLIC ACID see: VO5300100
4-NITRO-SALICYLSAURE (German) see: VO5300100
5-NITROSALITHION see: TE9632000

QY9221000 NITROSAMIDE, 2-BENZYL-, POTASSIUM SALT
UPDT 8312 MW: 174.26 MOLFM: C7-H7-N2-O .K
SYN: BENZYLDIAZOTATE POTASSIUM SALT * 2-BENZYLNITROSAMIDE POTASSIUM SALT * PHENYLMETHYLDIAZOTATE POTASSIUM SALT
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate CNREA8 43,4078,83

QY9222000 NITROSAMIDE, 2-ETHYL-, POTASSIUM SALT
UPDT 8312 MW: 112.19 MOLFM: C2-H5-N2-O .K
SYN: ETHYLDIAZOTATE POTASSIUM SALT * 2-ETHYLNITROSAMIDE POTASSIUM SALT
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate CNREA8 43,4078,83

QY9225000 NITROSAMIDE, 2-METHYL-, POTASSIUM SALT
UPDT 8312 MW: 98.16 MOLFM: C-H3-N2-O .K
SYN: METHYLDIAZOTATE POTASSIUM SALT * 2-METHYLNITROSAMIDE POTASSIUM SALT
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate CNREA8 43,4078,83
mma-sat 1 umol/plate CNREA8 43,4078,83

QY9226000 NITROSAMIDE, 2-PROPYL-, POTASSIUM SALT
UPDT 8312 MW: 126.22 MOLFM: C3-H7-N2-O .K
SYN: POTASSIUM PROPANE-1-DIAZOTATE * PROPYLDIAZOTATE POTASSIUM SALT * 2-PROPYLNITROSAMIDE POTASSIUM SALT
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate CNREA8 43,4078,83

N-NITROSAMINO DIACETONITRIL (German) see: AM1300000
NITROSATED COAL DUST EXTRACT see: GF8282000
N-NITROSAZETIDINE see: CM4375000
N-NITROS-ETHYL(3-CARBOXYPROPYL)AMINE see: ET1680000
NITRO-SIL see: BO0875000
N-NITROSO-N-(1-ACETOXYMETHYL)BUTYLAMINE see: AF7477000
N-NITROSO-N-(ACETOXY)METHYL-N-tert-BUTYLAMINE see: AF7477100
N-NITROSO-N-(ACETOXYMETHYL)-N-ISOBUTYLAMINE see: AI4100000
N-NITROSO-N-(ACETOXY)METHYL-N-METHYLAMINE see: AI9150000
N-NITROSO-N-ACETOXYMETHYL-N-2-OXOPROPYLAMINE see: AF1440000 ACETIC ACID,(ACETONYLNITROSAMINO)METHYL ESTER
N-NITROSO-N-(1-ACETOXYMETHYL)PROPYL AMINE see: AJ3700000
NITROSO-N-(1-ACETOXYMETHYL)TRIDEUTEROMETHYLAMINE see: AI9155000
NITROSOAETHYLDIMETHYLHARNSTOFF see: YT0100000
N-NITROSOAETHYLAETHANOLAMIN (German) see: KL0350000
NITROSOALANYLALANINE see: AY7518000
N-(N-NITROSO-L-ALANYL)-L-ALANINE see: AY7518000
NITROSOALDICARB see: UE2280000
N-NITROSOALLYLMETHYLAMINE see: BA7000000
NITROSOALLYLUREA see: YR7940000
NITROSO-n-AMYLUREA see: YT9720000
N-NITROSOAMINODIETHANOL see: KL9550000
4-(NITROSOAMINO-N-METHYL)-1-(3-PYRIDYL)-1-BUTANONE see: OB6465000
N-NITROSOANABASINE see: BV4550000
N'-NITROSOANABASINE see: BV4550000
1-NITROSOANABASINE see: BV4550000
N-(p-NITROSOANILINOMETHYL)-2-NITROPROPANE see: BY5760000
NITROSOATRAZINE see: XY5850560
N-NITROSOAZACYCLOHEPTANE see: CM3325000
N-NITROSOAZACYCLONONANE see: CO1750000
N-NITROSOAZACYCLOOCTANE see: CN4900000
1-NITROSOAZACYCLOTRIDECANE see: CL6900000
NITROSO-AZETIDIN (German) see: CM4375000
NITROSOAZETIDINE see: CM4375000
N-NITROSOAZETIDINE see: CM4375000
1-NITROSOAZETIDINE see: CM4375000
NITROSO-BAYGON see: FC6480000
N-NITROSO-4-BENZOYL-3,5-DIMETHYLPIPERAZINE see: TK8230000
1-NITROSO-4-BENZOYL-3,5-DIMETHYLPIPERAZINE see: TK8230000
N-NITROSOBENZTHIAZURON see: YR9050000
N-NITROSOBENZYLMETHYLAMINE see: DP6300000
NITROSOBENZYLUREA see: YS1820000
4-NITROSOBIPHENYL ETHER see: DA6490000
N-NITROSOBIS(ACETOXYETHYL)AMINE see: KL9600000
N-NITROSOBIS(2-ACETOXYPROPYL)AMINE see: UB8758000
NITROSOBIS(2-CHLOROETHYL)AMINE see: IA2400000
3-NITROSO-1,1-BIS-(2-CHLOROETHYL)-3-METHYLUREA see: YS2585000
NITROSOBIS(2-CHLOROPROPYL)AMINE see: JL9635000
N-NITROSOBIS(2-ETHOXYETHYL)AMINE see: IA2740000
N-NITROSOBIS(2-HYDROXYETHYL)AMINE see: KL9550000
N-NITROSOBIS(2-HYDROXYPROPYL)AMINE see: JL9650000
N-NITROSOBIS(2-METHOXYETHYL)AMINE see: IA2830000
N-NITROSOBIS(2-OXOPROPYL)AMINE see: JL9678000
N-NITROSO-BIS(4,4,4-TRIFLUOROBUTYL)AMINE see: HR8401520
N-NITROSOBUTYLAMINE see: EO5730000
N-NITROSO-1-BUTYLAMINO-2-PROPANONE see: UC0675000
N-NITROSO-N-BUTYLBUTYRAMIDE see: ES4304000
N-NITROSO-N-(BUTYL-N-BUTYROLACTONE)AMINE see: LU3562100
N-NITROSO-N-BUTYL-N-(3-CARBOXYPROPYL)AMINE see: ES8125000
N-NITROSO-n-BUTYLETHYLAMINE see: EO5075000
N-NITROSO-tert-BUTYLETHYLAMINE see: EO5100000
N-NITROSO-n-BUTYL-(4-HYDROXYBUTYL)AMINE see: EL1225000
N-NITROSO-n-BUTYLMETHYLAMINE see: EO5425000
N-NITROSO-N-BUTYLPENTYLAMINE see: SC0450000
N-NITROSO-N-BUTYL-N-PENTYLAMINE see: SC0450000
N-NITROSO-4-tert-BUTYLPIPERIDINE see: TM5047000
N-NITROSOBUTYLUREA see: YS3850000
NITROSO-sec-BUTYLUREA see: YS3880000
N-NITROSO-N-BUTYROXY-BUTYLAMINE see: ES4304000
N-NITROSO-N-(1-BUTYROXYMETHYL)METHYL AMINE see: ET5700000
NITROSO-BUX-TEN see: SL4505000
NITROSOBUX-TEN see: FC6612000
N-NITROSO-N'-CARBAETHOXYPIPERAZIN (German) see: TL1470000
N-NITROSOCARBANILIC ACID ISOPROPYL ESTER see: FD9770600
N-NITROSOCARBARYL see: FC6600000
N-NITROSO-N'-CARBETHOXYPIPERAZINE see: TL1470000
N-NITROSO-N-(3-CARBOETHOXYPROPIONYL)BUTYLAMINE see: WM3420000
NITROSOCARBOFURAN see: FC6250000
N-NITROSO-N-(3-CARBOXYPROPYL)ETHYLAMINE see: ET1680000
N-NITROSO-N-(p-CHLOROBENZYL)METHYLAMINE see: DP4031400
NITROSOCHLOROETHYLDIETHYLUREA see: YS4906100
1-NITROSO-1-(2-CHLOROETHYL)-3,3-DIETHYLUREA see: YS4906100
NITROSOCHLOROETHYLDIMETHYLUREA see: YS4908000
1-NITROSO-1-(2-CHLOROETHYL)-3,3-DIMETHYLUREA see: YS4908000
1-NITROSO-1-(2-CHLOROETHYL)UREA see: YS5015000
N-NITROSO-2-CHLOROETHYLUREA see: YS5015000
N-NITROSO-3-CHLOROPIPERIDINE see: TM6484450
N-NITROSO-4-CHLOROPIPERIDINE see: TM6484500
NITROSOCIMETIDINE see: MF0035520 GUANIDINE, N'-CYANO-N-METHYL-N''-(2-(((5-METHYL-1H-IMIDAZOL-4-YL)METHYL)THIO)ETHYL)-N- NITROSO-
N-NITROSOCIMETIDINE see: MF0035600
N-NITROSO-N-(p-CYANOBENZYL)METHYLAMINE see: DI4850000
NITROSOCYCLOHEXYLUREA see: YS7660000
NITROSOCYSTEINE see: HA2465000
1'-NITROSO-1'-DEMETHYLNICOTINE see: QS6550000
N-NITROSODIACETONITRILE see: AM1300000
N-NITROSODIAETHANOLAMIN (German) see: KL9550000
N-NITROSO-DIAETHYLAMINE (German) see: IA3500000
N-NITROSO-O,N-DIAETHYLHYDROXYLAMIN (German) see: NC3535000
N-NITROSODIALLYL AMINE see: HJ4600000
N-NITROSO-3,4-DIBROMOPIPERIDINE see: TM7054000
N-NITROSODIBUTYLAMINE see: EJ4025000
N-NITROSO-DI-n-BUTYLAMINE see: EJ4025000
NITROSODI-sec-BUTYLAMINE see: HR8401500
N-NITROSO-2,2'-DICHLORODIETHYLAMINE see: IA2400000
N-NITROSO-3,4-DICHLOROPIPERIDINE see: TM7067000
N-NITROSODI(CYANOMETHYL)AMINE see: AM1300000
N-NITROSODIETHANOLAMINE see: KL9550000
NITROSODIETHYLAMINE see: IA3500000
N-NITROSODIETHYLAMINE see: IA3500000
N-NITROSO-O,N-DIETHYLHYDROXYLAMINE see: NC3535000
NITROSO-1,1-DIETHYL-3-METHYLUREA see: YS9380000
N-NITROSODIFENYLAMIN (Czech) see: JJ9800000
p-NITROSODIFENYLAMIN (Czech) see: JK0175000
N-NITROSODIHEXYLAMINE see: IH6850000
N-NITROSO-3,6-DIHYDROOXAZIN-1,2 (German) see: RP6198060
N-NITROSO-3,6-DIHYDRO-1,2-OXAZIN see: RP6198060
N-NITROSO-3,6-DIHYDRO-1,2-OXAZINE see: RP6198060
1-NITROSO-5,6-DIHYDROTHYMINE see: XP2105000
1-NITROSO-5,6-DIHYDROURACIL see: MX9280000

N-NITROSO-N,N-DI(2-HYDROXYPROPYL)AMINE see: JL9650000
N-NITROSODIHYDROXYPROPYLETHANOLAMINE see: TY6817500
N-NITROSO-2,3-DIHYDROXYPROPYL-2-HYDROXYETHYLAMINE see: TY6817500 1,2-PROPANEDIOL, 3-((2-HYDROXYETHYL)NITROSAMINO)-
N-NITROSO-N-(2,3-DIHYDROXYPROPYL)-N-(2-HYDROXYETHYL)AMINE see: TY6817500
N-NITROSO-2,3-DIHYDROXYPROPYL-2-HYDROXYPROPYLAMINE see: TY7766480 1,2-PROPANEDIOL, 3-((2-HYDROXYPROPYL)NITROSAMINO)-
NITROSODIISOBUTYLAMINE see: IM1500000
N-NITROSODI-ISO-BUTYLAMINE see: IM1500000
N-NITROSODIISOPROPYLAMINE see: IM4360000
NITROSODIMETHYLAMINE see: IQ0525000
N-NITROSODIMETHYLAMINE see: IQ0525000
p-NITROSO-N,N-DIMETHYLANILINE see: BX7175000
4-NITROSODIMETHYLANILINE see: BX7175000
p-NITROSODIMETHYLANILINE (DOT) see: BX7175000
NITROSO-1,1-DIMETHYL-3-ETHYLUREA see: YT0100000
N-NITROSO-2,2′-DIMETHYLDI-n-PROPYLAMINE see: JL9655000
NITROSO-2,6-DIMETHYLMORPHOLINE see: QE2150000
N-NITROSO-2,6-DIMETHYLMORPHOLINE see: QE2150000
1:2(cis:trans) mixture of N-NITROSO-2-(3′,7′-DIMETHYL-2′,6′-OCTADIENYL)AMINOETHANOL see: KK7185000
NITROSO-3,5-DIMETHYLPIPERAZINE see: TL6219000
N-NITROSO-3,5-DIMETHYLPIPERAZINE see: TL6219000
1-NITROSO-3,5-DIMETHYLPIPERAZINE see: TL6219000
NITROSO-3,5-DIMETHYLPIPERIDINE cis-isomer see: TM7322350
NITROSO-3,5-DIMETHYLPIPERIDINE trans-isomer see: TM7322300
N-NITROSO-2,6-DIMETHYLPIPERIDINE see: TM7320000
N-NITROSO-3,5-DIMETHYLPIPERIDINE see: TM7322000
NITROSODIMETHYLUREA see: YT0350000
N-NITROSODIMETHYLUREA see: YT0350000 UREA, 1,3-DIMETHYL-1-NITROSO-
N-NITROSODI-n-PENTYLAMINE see: JJ1575000
NITROSODIPHENYLAMINE see: JJ9800000
N-NITROSODIPHENYLAMINE see: JJ9800000
p-NITROSODIPHENYLAMINE see: JK0175000
4-NITROSODIPHENYLAMINE see: JK0175000
N-NITROSODIPROPYLAMINE see: JL9700000
N-NITROSODI-n-PROPYLAMINE see: JL9700000
NITROSODODECAMETHYLENIMINE see: CL6900000
N-NITROSODODECAMETHYLENEIMINE see: CL6900000
N-NITROSODODECAMETHYLENIMINE see: CL6900000
N-NITROSOEPHEDRINE see: DP0600000
N-NITROSO-3,4-EPOXYPIPERIDINE see: RN6804000
N-NITROSOETHANOLISOPROPANOLAMINE see: UB6459500
NITROSOETHOXYETHYLAMINE see: NC3535000
NITROSOETHYLANILINE see: BY0480000
N-NITROSO-N-ETHYL ANILINE see: BY0480000
N-NITROSO-N-ETHYLBENZYLAMIN (German) see: DP5200000
N-NITROSO-N-ETHYLBENZYLAMINE see: DP5200000
N-NITROSO-N-ETHYLBIURET see: EC1750000
N-NITROSOETHYL-n-BUTYLAMINE see: EO5075000
N-NITROSOETHYL-tert-BUTYLAMINE see: EO5100000
NITROSOETHYLDIMETHYLUREA see: YT0100000
1-NITROSO-1-ETHYL-3,3-DIMETHYLUREA see: YT0100000
N-NITROSOETHYLENETHIOUREA see: NJ0530000
N-NITROSOETHYLETHANOLAMINE see: KL0350000
N-NITROSOETHYL-2-HYDROXYETHYLAMINE see: KL0350000
N-NITROSO-N-ETHYL-N-(2-HYDROXYETHYL)AMINE see: KL0350000
N-NITROSOETHYLISOPROPYLAMINE see: IA3400000
N-NITROSOETHYLMETHYLAMINE see: KR9200000
NITROSOETHYLUREA see: YT3150000
NITROSOETHYLURETHAN see: FB0350000
N-NITROSO-N-ETHYLURETHAN see: FB0350000
N-NITROSOETHYLVINYLAMINE see: YZ0700000
N-NITROSO-N-ETHYLVINYLAMINE see: YZ0700000
N-NITROSOFENYLHYDROXYLAMIN AMONNY (Czech) see: NC4725000
2-NITROSOFLUORENE see: LL8400000
N-NITROSO-N-(p-FLUOROBENZYL)METHYLAMINE see: DP5272000
NITROSOFLUOROETHYLUREA see: YT3937000
N(sup 10)-NITROSOFOLIC ACID see: MA0600000
NITROSOGUANIDIN (German) see: MF4725000
NITROSOGUANIDINE see: MF4725000
N-NITROSOGUANIDINE see: MF4725000
NITROSOGUANIDINE (DOT) see: MF4725000
N-NITROSOGUVACINE see: QT2285000
NITROSOGUVACOLINE see: QT2285000
N-NITROSOGUVACOLINE see: QT2285000
NITROSOHEPTAMETHYLENEIMINE see: CN4900000
N-NITROSOHEPTAMETHYLENEIMINE see: CN4900000
NITROSO-HEPTAMETHYLENIMIN (German) see: CN4900000
N-NITROSO-4,4,4,4′,4′,4′-HEXAFLUORODIBUTYLAMINE see: HR8401520
N-NITROSOHEXAHYDROAZEPINE see: CM3325000
NITROSOHEXAMETHYLENIMINE see: CM3325000
N-NITROSOHEXAMETHYLENEIMINE see: CM3325000
NITROSO-n-HEXYLUREA see: YT4760000
NITROSO HYDANTOIC ACID see: MB9125000
1-NITROSOHYDANTOIN see: MU3950000
1-NITROSO-1-(2-HYDROXYETHYL)UREA see: YT4915000
NITROSO-2-HYDROXYETHYLUREA see: YT4915000
N-NITROSOHYDROXYLAMINE see: NH3497300
N-NITROSO-3-HYDROXYPIPERIDINE see: TN7846000
N-NITROSO-4-HYDROXYPIPERIDINE see: TN7848000
N-NITROSOHYDROXYPROLINE see: TW3670000
N-NITROSO-(2-HYDROXYPROPYL)-(2-HYDROXYETHYL)AMINE see: UB6459500 2-PROPANOL, 1-((2-HYDROXYETHYL)NITROSAMINO)-
N-NITROSO(2-HYDROXYPROPYL)(2-OXOPROPYL)AMINE see: AL5890000
N-NITROSO-2-HYDROXY-n-PROPYL-n-PROPYLAMINE see: UI3150000
NITROSO-2-HYDROXY-N-PROPYLUREA see: YT5270000
NITROSO-3-HYDROXYPROPYLUREA see: YT5280000
NITROSO-3-HYDROXY-N-PROPYLUREA see: YT5280000
N-NITROSO-2-HYDROXY-n-PROPYLUREA see: YT5270000
N-NITROSO-3-HYDROXYPYRROLIDINE see: UY5709600
N-NITROSO-IMIDAZOLIDON (German) see: NJ0950000
N-NITROSOIMIDAZOLIDONE see: NJ0950000
N-NITROSO-2-IMIDAZOLIN-2-YL SULFENATE see: WP8735000
2,2′-(NITROSOIMINO)BISETHANOL see: KL9550000
2,2′-(N-NITROSOIMINO)DIACETONITRILE see: AM1300000
NITROSOIMINO DIETHANOL see: KL9550000
N-NITROSO-2,2′-IMINODIETHANOL DIACETATE see: KL9600000
2,2′-NITROSOIMINODIETHANOL DINITRATE (ester) see: KL9610000
N-NITROSOINDOLIN (German) see: NM2000000
N-NITROSOINDOLINE see: NM2000000
N-NITROSO-ISO-BUTYLUREA see: YT5320000
NITROSOISOPROPANOL-ETHANOLAMINE see: UB6459500 2-PROPANOL, 1-((2-HYDROXYETHYL)NITROSAMINO)-
NITROSOISOPROPANOLUREA see: YT5270000
NITROSOISOPROPYLUREA see: YS3120000
NITROSO-LANDRIN see: FC6635000
N-NITROSOMETHAMPHETAMINE see: SH5960000
NITROSO-METHOMYL see: AK2985000
N-NITROSO-N-(p-METHOXYBENZYL)METHYLAMINE see: DP5605100
N-NITROSOMETHOXYMETHYLAMINE see: PF8600000
N-NITROSO-N-METHOXYMETHYLMETHYLAMINE see: IQ0250000
N-NITROSO-N-METHYLACETAMIDE see: AC6300000
N-NITROSO-N-METHYL-N-alpha-ACETOXYBENZYLAMINE see: DP0530000
N-NITROSO-N-METHYL-N-ACETOXYMETHYLAMINE see: AI9150000
O-(N-NITROSO-N-METHYL-beta-ALANYL)-L-SERINE see: VT9630400
NITROSOMETHYLALLYLAMINE see: BA7000000
N-NITROSOMETHYLALLYLAMINE see: BA7000000
N-NITROSOMETHYLAMINACETONITRIL (German) see: AM0950000
N-NITROSOMETHYLAMINOACETONITRILE see: AM0950000
N-NITROSO-4-METHYLAMINOAZOBENZENE see: BY5850000
N-NITROSO-4-METHYLAMINOAZOBENZOL (German) see: BY5850000
2-N-NITROSOMETHYLAMINO-1-PHENYLPROPANE see: SH5960000
2-NITROSOMETHYLAMINOPYRIDINE see: UT6386000
4-(N-NITROSO-N-METHYLAMINO)-4-(3-PYRIDYL)BUTANAL see: EJ3465000
4-(N-NITROSO-N-METHYLAMINO)-1-(3-PYRIDYL)-1-BUTANONE see: OB6465000
3-(N-NITROSOMETHYLAMINO)SULFOLAN (German) see: XM7250000
N-NITROSOMETHYLAMINOSULFOLANE see: XM7250000
NITROSOMETHYLANILINE see: BY5775000
N-NITROSO-N-METHYLANILINE see: BY5775000
N-NITROSO-N-METHYL-N′-(2-BENZOTHIAZOLYL)UREA see: YR9050000
N-NITROSOMETHYLBENZYLAMINE see: DP6300000
N-NITROSO-N-(2-METHYLBENZYL)-METHYLAMIN (German) see: DP4760000
N-NITROSO-N-(3-METHYLBENZYL)-METHYLAMIN (German) see: DP4740000
N-NITROSO-N-(4-METHYLBENZYL)-METHYLAMIN (German) see: DP4780000
N-NITROSO-N-(2-METHYLBENZYL)METHYLAMINE see: DP4760000
N-NITROSO-N-(3-METHYLBENZYL)METHYLAMINE see: DP4740000
N-NITROSO-N-(4-METHYLBENZYL)METHYLAMINE see: DP4780000
NITROSOMETHYLBIS(CHLOROETHYL)UREA see: YS2585000
1-NITROSO-1-METHYL-3,3-BIS-(2-CHLOROETHYL)UREA see: YS2585000
N-NITROSO-N-METHYLBIURET see: EC1925000
NITROSOMETHYL-n-BUTYLAMINE see: EO5425000
N-NITROSOMETHYL-N-BUTYLAMINE see: EO5425000
N-NITROSO-N-METHYL-N-n-BUTYLAMINE see: EO5425000
N-NITROSO-N-METHLYCAPROAMIDE see: MN8330000
N-NITROSO-N-METHYLCAPRYLAMIDE see: RG7960000
N-NITROSO-N-METHYLCARBAMIDE see: YT7875000
N-NITROSOMETHYL-3-CARBOXYPROPYLAMINE see: ET5708000
N-NITROSOMETHYL-2-CHLOROETHYLAMINE see: KR1970000
N-NITROSOMETHYLCYCLOHEXYLAMINE see: GX1575000
N-NITROSO-N-METHYLCYCLOHEXYLAMINE see: GX1575000
NITROSOMETHYLDIAETHYLHARNSTOFF see: YS9380000
NITROSOMETHYLDIETHYLUREA see: YS9380000
1-NITROSO-1-METHYL-3,3-DIETHYLUREA see: YS9380000
N-NITROSOMETHYL(2,3-DIHYDROXYPROPYL)AMINE see: TY9020000
2-NITROSO-6-METHYLDIPYRIDO(1,2-a:3′,2′-d)IMIDAZOLE see: JM5665000
N-NITROSO-N-METHYL-N-DODECYLAMIN (German) see: JR6900000
NITROSOMETHYL-n-DODECYLAMINE see: JR6900000
N-NITROSOMETHYLETHYLAMINE see: KR9200000
N-NITROSO-N-METHYL-4-FLUOROANILINE see: BY1650000
N-NITROSOMETHYLGLYCINE see: VQ3150000
N-NITROSO-N-METHYL-HARNSTOFF (German) see: YT7875000
N-NITROSO-N-METHYLHEPTYLAMINE see: MK1260000
N-NITROSO-N-METHYL-(4-HYDROXYBUTYL)AMINE see: EL5740000
N-NITROSOMETHYL-2-HYDROXYPROPYLAMINE see: UB8590000
N-NITROSO-N-METHYL-o-METHYLHYDROXYLAMIN (German) see: PF8600000
N-NITROSO-N-METHYL-o-METHYL-HYDROXYLAMINE see: PF8600000
NITROSO-2-METHYLMORPHOLINE see: QE6225000
N-NITROSO-2-METHYLMORPHOLINE see: QE6225000
NITROSOMETHYLNEOPENTYLAMINE see: UI5205000
N-NITROSO-N-METHYL-4-NITROSO-ANILINE see: BX9350000
NITROSO-2-METHYL-1,3-OXAZOLIDINE see: RQ2127000
N-NITROSO-2-METHYL-1,3-OXAZOLIDINE see: RQ2127000
NITROSO-5-METHYL-1,3-OXAZOLIDINE see: RQ2127500
N-NITROSO-5-METHYL-1,3-OXAZOLIDINE see: RQ2127500
NITROSO-5-METHYLOXAZOLIDONE see: RQ2127500
N-NITROSOMETHYL(2-OXOBUTYL)AMINE see: EL9152000
N-NITROSOMETHYL(3-OXOBUTYL)AMINE see: EL9154000
N-NITROSOMETHYL-2-OXOPROPYLAMINE see: UC3083000
NITROSOMETHYL-n-PENTYLAMINE see: SC1225000
N-NITROSOMETHYLPENTYLNITROSAMINE see: SC1235500
3-NITROSO-1-METHYL-5H-PYRIDO(4,3-b)INDOLE see: UV0360700
N-NITROSO-N-METHYL-n-TETRADECYLAMINE see: XB9290000
NITROSOMORPHOLINE see: QE7525000
NITROSONIUM BISULFATE see: QZ7886700
p-NITROSOPHENETOLE see: SI7943000
N-NITROSOMETHYLPHENYLAMINE see: BY5775000
NITROSOMETHYLPHENYLCARBAMATE see: FC6625000
N-NITROSO-N-METHYLPHENYLCARBAMATE see: FC6625000
N-NITROSO-N-METHYL-(1-PHENYL)-ETHYLAMIN (German) see: DP4730000
N-NITROSO-N-METHYL-1(1-PHENYL)-ETHYLAMINE see: DP4730000
N-NITROSO-N-METHYL-2-PHENYLETHYLAMINE see: SI0770000
NITROSOMETHYLPHENYLUREA see: YT8100000
N-NITROSO-N′-METHYLPIPERAZIN (German) see: TM1780000
N-NITROSOMETHYLPIPERAZINE see: TM1780000
N-NITROSO-N′-METHYLPIPERAZINE see: TM1780000
1-NITROSO-4-METHYLPIPERAZINE see: TM1780000
R(-)-N-NITROSO-2-METHYL-PIPERIDIN (German) see: TN1296000
S(+)-N-NITROSO-2-METHYL-PIPERIDIN (German) see: TN1297000
R(-)-N-NITROSO-2-METHYLPIPERIDINE see: TN1296000
S(+)-N-NITROSO-2-METHYLPIPERIDINE see: TN1297000
NITROSOMETHYL-n-PROPYLAMINE see: UI3850000
NITROSOMETHYLPROPYLAMINE see: UI3850000
NITROSO-2-METHYLTHIOPROPIONALDEHYDE-O-METHYL CARBAMOYL-OXIME see: AK2985000
N-NITROSO-N-METHYL-4-TOLYLSULFONAMIDE see: XI5950000
NITROSOMETHYL-2-TRIFLUOROETHYLAMINE see: KR9230000
NITROSOMETHYLUNDECYLAMINE see: YQ3158000
NITROSOMETHYLUREA see: YT7875000

N-NITROSO-N-METHYLUREA see: YT7875000
NITROSOMETHYLURETHAN (German) see: FC6300000
NITROSOMETHYLURETHANE see: FC6300000
N-NITROSO-N-METHYLURETHANE see: FC6300000
N-NITROSOMETHYLVINYLAMINE see: YZ0875000
N-NITROSOMORPHOLIN (German) see: QE7525000
N-NITROSOMORPHOLINE see: QE7525000
4-NITROSOMORPHOLINE see: QE7525000
NITROSO-MPMC see: FC6280000
NITROSO-MTMC see: FC6630000
NITROSO-NAC see: FC6600000
1-NITROSONAPHTHALENE see: QJ9800000
2-NITROSONAPHTHALENE see: QK0175000
2-NITROSO-1-NAPHTHOL see: QL4550000
N-NITROSO-N-(p-NITROBENZYL)METHYLAMINE see: DP6295000
N-NITROSO-N'-NITRO-N-BUTYLGUANIDINE see: ME8970000
1-NITROSO-3-NITRO-1-BUTYLGUANIDINE see: ME8970000
1-NITROSO-3-NITRO-1-PENTYLGUANIDINE see: MF4630000
N-NITROSO-N'-NITRO-N-PROPYLGUANIDINE see: MF4643000
3-NITROSO-1-NITRO-1-PROPYLGUANIDINE see: MF4640000
N-NITROSO-N-(NITROSOMETHYL)PENTYLAMINE see: SC1235500
N'-NITROSONORNICOTINE see: QS6550000
N-NITROSOOCTAMETHYLENEIMINE see: CO1750000
1-NITROSO-1-OCTYLUREA see: YT9718000
3-NITROSO-7-OXA-3-AZABICYCLO(4.1.0)HEPTANE see: RN6804000
N-NITROSOOXAZOLIDIN (German) see: RQ2135000
N-NITROSOOXAZOLIDINE see: RQ2135000
NITROSOOXAZOLIDONE see: RQ2135000
N-NITROSO-N-(2-OXOBUTYL)BUTYLAMINE see: EL7030000
N-NITROSO-N-(3-OXOBUTYL)BUTYLAMINE see: EL7060000
N-NITROSO-(2-OXOPROPYL)-n-BUTYLAMINE see: UC0675000
N-NITROSO-2-OXO-n-PROPYL-n-PROPYLAMINE see: UI4550000
N-NITROSO-N-PENTYL-(4-HYDROXYBUTYL)AMINE see: EL6130000
N-NITROSOPERHYDROAZEPINE see: CM3325000
1-NITROSO-4-PHENOXYBENZENE see: DA6490000
N-NITROSO-N-PHENYLANILINE see: JJ9800000
p-NITROSO-N-PHENYLANILINE see: JK0175000
4-NITROSO-N-PHENYLANILINE see: JK0175000
4-NITROSO-N-PHENYLBENZENAMINE see: JK0175000
NITROSOPHENYLETHYLUREA see: YT9725000
N-NITROSOPHENYLHYDROXYLAMIN AMMONIUM SALZ (German) see: NC4725000
NITROSOPHENYLHYDROXYLAMINE see: NC4550000
N-NITROSOPHENYLHYDROXYLAMINE AMMONIUM SALT see: NC4725000
NITROSO-4-PHENYLPIPERIDINE see: TN2125000
N-NITROSO-4-PHENYLPIPERIDINE see: TN2125000
1-NITROSO-4-PHENYLPIPERIDINE see: TN2125000
NITROSOPHENYLUREA see: YT9730000
N-NITROSO-4-PICOLYLETHYLAMINE see: UT3675000
1-NITROSOPIPECOLIC ACID see: TK6022000
N-NITROSOPIPECOLIC ACID see: TK6022000
S(+)-N-NITROSO-alpha-PIPECOLINE see: TN1297000
1-NITROSO-2-PIPECOLINE see: TK6026700
1-NITROSO-3-PIPECOLINE see: TK6026800
1-NITROSO-4-PIPECOLINE see: TK6026900
R(-)-N-NITROSO-alpha-PIPECOLINE see: TN1296000
N-NITROSOPIPERAZINE see: TM2450000
1-NITROSOPIPERAZINE see: TM2450000
NITROSOPIPERIDIN (German) see: TN2100000
1-NITROSOPIPERIDINE see: TN2100000
N-NITROSO-PIPERIDIN (German) see: TN2100000
NITROSO-delta(sup 3)-PIPERIDINE see: UT8409000
N-NITROSOPIPERIDINE see: TN2100000
N-NITROSO-delta(sup 3)-PIPERIDINE see: UT8408000
NITROSO-3-PIPERIDINOL see: TN7846000
NITROSO-4-PIPERIDINOL see: TN7848000
NITROSO-4-PIPERIDINONE see: TN8990000
NITROSO-4-PIPERIDONE see: TN8990000
N-NITROSO-L-PROLINE see: TW3680000
1-NITROSO-L-PROLINE see: TW3680000
NITROSOPROPHAM see: FD9770600
NITROSOPROPOXUR see: FC6480000
1-(NITROSOPROPYLAMINO)-2-PROPANOL see: UI3150000
1-(NITROSOPROPYLAMINO)-2-PROPANONE see: UI4550000
N-NITROSO-n-PROPYL-(4-HYDROXYBUTYL)AMINE see: EL6140000
N-NITROSO-N-PROPYL-1-PROPANAMINE see: JL9700000
N-NITROSO-N-PROPYL-PROPRIONAMID (German) see: UE4529000
N-NITROSO-N-PROPYLPROPIONAMIDE see: UE4529000
NITROSOPROPYLUREA see: YT9740000
NITROSO-n-PROPYLUREA see: YT9740000
N-NITROSO-N-PTEROYL-L-GLUTAMIC ACID see: MA0600000
1-NITROSOPYRENE see: UR2490000
N-NITROSO-2-(3'-PYRIDYL)PIPERIDINE see: BV4550000
1-NITROSO-2-(3-PYRIDYL)PYRROLIDINE see: QS6550000
N-NITROSOPYRROLIDIN (German) see: UY1575000
NITROSOPYRROLIDINE see: UY1570000
N-NITROSOPYRROLIDINE see: UY1575000
1-NITROSOPYRROLIDINE see: UY1575000
1-NITROSO-3-PYRROLIDINOL see: UY5709600
1-NITROSO-2-PYRROLIDINONE see: UY5894000
3-(1-NITROSO-2-PYRROLIDINYL)PYRIDINE see: QS6550000
N-NITROSO-2-PYRROLIDONE see: UY5894000
NITROSO-3-PYRROLIN (German) see: UY7360000
N-NITROSOPYRROLINE see: UX9465100 1H-PYRROLE, DIHYDRO-1-NITROSO-
N-NITROSO-3-PYRROLINE see: UY7360000
4-NITROSOQUINOLINE 1-OXIDE see: VC2200000
4-NITROSORESORCINOL-1-MONOMETHYL ETHER see: SL7805000
N-NITROSOSARCOSINE see: VQ3150000
N-NITROSOSARCOSINEETHYL ESTER see: VQ3325000
N-NITROSOSARCOSINE, ETHYL ESTER see: VQ3325000
O-(N-NITROSOSARCOSYL)-L-SERINE see: VT9632000
NITROSO SARKOSIN (German) see: VQ3150000
NITROSO-SARKOSIN-AETHYLESTER see: VQ3325000
NITROSOSIMAZINE see: XY5260000
NITROSOSULFURIC ACID see: QZ7886700
1-NITROSO-1,2,5,6-TETRAHYDRONICOTINIC ACID METHYL ESTER see: QT2285000
N-NITROSOTETRAHYDROOXAZIN-1,3 (German) see: RP5400000
N-NITROSO-TETRAHYDROOXAZIN-1,2 (German) see: RP6430000
N-NITROSOTETRAHYDRO-1,2-OXAZIN see: RP6430000
N-NITROSO-TETRAHYDRO-1,2-OXAZINE see: RP6430000
N-NITROSO-TETRAHYDRO-1,3-OXAZINE see: RP6400000
N-NITROSO-1,2,3,6-TETRAHYDROPYRIDINE see: UT8408000
1-NITROSO-1,2,5,6-TETRAHYDRO PYRIDINE see: UT8409000
1-NITROSO-2,2,6,6-TETRAMETHYLPIPERIDINE see: TN2145000
N-NITROSOTHIAZOLIDINE see: XJ6090200
N-NITROSOTHIOMORPHOLINE see: XM3050000
4-NITROSOTHIOMORPHOLINE see: XM3050000
NITROSOTOLUENE see: XT3400000
o-NITROSOTOLUENE see: XT3400000
2-NITROSOTOLUENE see: XT3400000
N-NITROSO-TOLUOL-4-SULFOMETHYLAMIDE see: PB095 X00
NITROSOTRIAETHYLHARNSTOFF (German) see: YT97500 0
NITROSOTRIDECYLUREA see: YT9745000
NITROSOTRIETHYLUREA see: YT9750000
N-NITROSO-4,4,4-TRIFLUOROBUTYL-BUTYLAMINE see: HR8401540
N-NITROSO-4,4,4-TRIFLUORODIBUTYLAMINE see: HR8401540
N-NITROSO-2,2,2-TRIFLUORODIETHYLAMINE see: IA3535000
N-NITROSO-2,2,2-TRIFLUOROETHYL-ETHYLAMINE see: IA3535000
NITROSOTRIHYDROXY-DIPROPYLAMINE see: TY7766480 1,2-PROPANEDIOL, 3-((2-HYDROXYPROPYL)NITROSAMINO)-
N-NITROSO-2,2,4-TRIMETHYL-1,2-DIHYDROQUINOLINE, POLYMER see: VC2300000
NITROSOTRIMETHYLENEIMINE see: CM4375000
N-NITROSOTRIMETHYLENEIMINE see: CM4375000
N-NITROSO-TRIMETHYLHARNSTOFF (German) see: YU4725000
N-NITROSOTRIMETHYLHYDRAZIN (German) see: MV8260000
N-NITROSO-N,N',N'-TRIMETHYLHYDRAZINE see: MV8260000
1-NITROSO-1,2,2-TRIMETHYLHYDRAZINE see: MV8260000
NITROSOTRIMETHYLPHENYL-N-METHYLCARBAMATE see: FC6635000
N-NITROSO-3,4,5-TRIMETHYLPIPERAZINE see: TM2470000
1-NITROSO-3,4,5-TRIMETHYLPIPERAZINE see: TM2470000
NITROSO-3,4,5-TRIMETHYLPIPERAZINE see: TM2470000
1-NITROSO-2,2,4-TRIMETHYL-1(2H)-QUINOLINE, POLYMER see: VC2300000
NITROSOTRIMETHYLUREA see: YU4725000
N-NITROSOTRIMETHYLUREA see: YU4725000
NITROSOTRIS(CHLOROETHYL)UREA see: YT9790000
1-NITROSO-1,3,3-TRIS-(2-CHLOROETHYL)UREA see: YT9790000
3-NITROSO-1,1,3-TRIS(CHLOROETHYL)UREA see: YT9790000
NITROSOUNDECYLUREA see: YT9792000
1-NITROSOUREA, 1-(2-CHLOROETHYL)-3-CYCLOHEXYL- see: YS4900000
NITRO-SPAN see: QX2100000

QZ7825000 NITROSTARCH
UPDT:8312 CAS: 9056-38-6
SYN: NITROSTARCH, containing less than 20% water (DOT) * NITROSTARCH, DRY (DOT) * UN 0146 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QZ7826000 NITROSTARCH, (wet)
UPDT:8308
SYN: NITROSTARCH, wet with not less than 30% alcohol or solvent (DOT) * UN 1337 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

NITROSTARCH, containing less than 20% water (DOT) see: QZ7825000

QZ7828000 NITROSTARCH, wet with no less than 20% water (DOT)
UPDT:8308
SYN: UN 1337 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82

NITROSTARCH, wet with not less than 30% alcohol or solvent (DOT) see: QZ7826000
NITROSTARCH, DRY (DOT) see: QZ7825000
NITROSTAT see: QX2100000
NITROSTIGMINE see: TF4550000
4-NITROSTILBEN (German) see: WJ6950000
4-NITROSTILBENE see: WJ6950000
2-NITRO-STRYCHNINE see: WL2460200
NITROSTYGMINE see: TF4550000
p-NITROSTYRENE OXIDE see: CZ9920000
4-NITROSTYRENE OXIDE see: CZ9920000
omega-NITROSTYRENE mixed with STYRENE see: WL5500000
beta-NITROSTYRENE mixed with STYRENE see: WL5500000
7-(m-NITROSTYRYL)BENZ(c)ACRIDINE see: CU4160000
12-(m-NITROSTYRYL)BENZ(a)ACRIDINE see: CU4170000
7-(o-NITROSTYRYL)BENZ(c)ACRIDINE see: CU4162500
12-(o-NITROSTYRYL)BENZ(a)ACRIDINE see: CU4172500
7-(p-NITROSTYRYL)BENZ(c)ACRIDINE see: CU4165000
12-(p-NITROSTYRYL)BENZ(a)ACRIDINE see: CU4175000
NITROSULFONIC ACID see: QZ7886700
NITROSYL BISULFATE see: QZ7886700

QZ7883000 NITROSYL CHLORIDE
UPDT:8312 CAS: 2696-92-6 MW: 65.46 MOLFM: Cl-N-O
SYN: NITROGEN OXYCHLORIDE * NITROSYL CHLORIDE (DOT) * UN 1069 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172.101,82
★ DOT-IMO:POISON A; LABEL:POISON GAS, CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NITROSYL CHLORIDE (DOT) see: QZ7883000
NITROSYL ETHOXIDE see: RA0810000
NITROSYL HYDROGEN SULFATE see: QZ7886700
NITROSYL HYDROXIDE see: RA0760000

QZ7886700 NITROSYL SULFATE
UPDT:8401 CAS: 7782-78-7 MW: 127.08 MOLFM: H-N-O5-S
SYN: NITRO ACID SULFITE * NITROSONIUM BISULFATE * NITROSOSULFURIC ACID * NITROSULFONIC ACID * NITROSYL BISULFATE * NITROSYL HYDROGEN SULFATE * NITROSYLSULFURIC ACID * NITROSYLSULPHURIC ACID (DOT) * NITROXYLSULFURIC ACID * SULFURIC ACID, MONOANHYDRIDE with NITROUS ACID (9CI) * UN 2308 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NITROSYLSULFURIC ACID see: QZ7886700
NITROSYLSULPHURIC ACID (DOT) see: QZ7886700
4-NITRO-2,3,5,6-TETRACHLORANISOLE see: BZ9625000
NITROTHAL-ISOPROPYL and SULFUR see: NT2545000
8-NITROTHEOPHYLLINE compd. with (+)-N-BENZYL-N,alpha-DIMETHYLPHENETHYLAMINE see: SG9635000

NITROTHIAMIDAZOL see: NJ1050000
NITROTHIAMIDAZOLE see: NJ1050000
NITROTHIAZOLE see: NJ1050000
N-(5-NITRO-2-THIAZOLYL)ACETAMIDE see: XJ1570000
5-NITRO-2-THIAZOLYLAMINE see: XJ2800000
N-(5-NITROTHIAZOL-2-YL)BENZAMIDE see: CV5625000
1-(5-NITRO-2-THIAZOLYL)HYDANTOIN see: MU3980000
1-(5-NITRO-2-THIAZOLYL)IMIDAZOLIDIN-2-ONE see: NJ1050000
1-(5-NITRO-2-THIAZOLYL)-2-IMIDAZOLIDINONE see: NJ1050000
1-(5-NITRO-2-THIAZOLYL)-2-IMIDAZOLINONE see: NJ1050000
1-(5-NITRO-2-THIAZOLYL)-3-IMIDAZOLIN-2-ONE see: NJ5008000
1-(5-NITRO-2-THIAZOLYL)-2-OXOTETRAHYDROIMIDAZOL see: NJ1050000
1-(5-NITRO-2-THIAZOLYL)-2-OXOTETRAHYDROIMIDAZOLE see: NJ1050000
N-(4-(4-NITRO-2-THIENYL)-2-THIAZOLYL)FORMAMIDE see: LQ3160000
N-(4-(5-NITRO-2-THIENYL)-2-THIAZOLYL)FORMAMIDE see: LQ3163000
p-NITROTHIOCARBANILIC ACID O-(p-CHLOROPHENYL) ESTER see: FD9770800 CARBANILIC ACID, p-NITROTHIO-, O-(p-CHLOROPHENYL) ESTER
2-NITROTHIOPHENE see: XN0030000
3-NITROTHIOPHENE see: XN0030100
5-NITRO-3-THIOPHENESULFONAMIDE see: XN0298000
m-NITROTOLUENE see: XT2975000
o-NITROTOLUENE see: XT3150000
p-NITROTOLUENE see: XT3325000
2-NITROTOLUENE see: XT3150000
3-NITROTOLUENE see: XT2975000
4-NITROTOLUENE see: XT3325000
NITROTOLUENE (DOT) see: XT2972000
m-NITROTOLUENE (DOT) see: XT2975000
o-NITROTOLUENE (DOT) see: XT3150000
p-NITROTOLUENE (DOT) see: XT3325000
o-NITROTOLUENE mixed with NORHARMAN see: XT3340000
NITRO-m-TOLUIDINE see: XU8040000
NITRO-o-TOLUIDINE see: XU8150000
NITRO-p-TOLUIDINE see: XU8226500
5-NITRO-o-TOLUIDINE see: XU8225000
3-NITROTOLUOL see: XT2975000
4-NITROTOLUOL see: XT3325000
4-NITRO-3-(o-TOLYL)SYDNONE see: WU7691000
4-NITRO-1,2,3-TRICHLOROBENZENE see: DA6612000
NITROTRICHLOROMETHANE see: PB6300000
2-NITRO-alpha,alpha,alpha-TRIFLUORO-p-CRESOL see: GP2984950
p-NITRO(TRIFLUOROMETHYL)BENZENE see: XT3510000
4'-NITRO-3'-TRIFLUOROMETHYLISOBUTYRANILIDE see: UG5700000
4-NITRO-3-(TRIFLUOROMETHYL)PHENOL SODIUM SALT see: GP3550000
m-NITROTRIFLUOROTOLUENE see: XT3500000
m-NITROTRIFLUORTOLUOL (German) see: XT3500000
4-(2-NITRO-3,4,5-TRIMETHOXYBENZOYL)MORPHOLINE see: QE7875000
2-NITRO-1,5,6-TRIMETHYLBENZIMIDAZOLE see: DE0220000
3-NITRO-N(sup 1),N(sup 1),N(sup 4)-TRIS(2-HYDROXYETHYL)- see: KL2880000
5-NITROTRYPTAMINE see: NL8509000
N-NITROUREA see: YT9681400
1-NITROUREA see: YT9681400
NITRO UREA (DOT) see: YT9681400
N-NITROUREA (DOT) see: YT9681400

RA0760000 NITROUS ACID
UPDT:8408 CAS: 7782-77-6 MW: 47.02 MOLFM: H-N-O2
SYN: NITROSYL HYDROXIDE

MUTATION DATA AND REFERENCES:

	mmo-sat 10 pph	AGACBH 4,286,74
	dnr-sat 10 pph	AGACBH 4,286,74
	mmo-esc 10 pph	AGACBH 4,286,74
	dnr-esc 10 pph	AGACBH 4,286,74
	dnd-esc 25 mmol/L	JOBAAY 142,335,80
	mmo-hmi 13 mmol/L	MUREAV 30,9,75
	mmo-omi 33 mmol/L/10M-C	MMAPAP 49,205,73
	mmo-omi 10 mmol/L	FOMIAZ 22,286,77
	mmo-omi 200 mmol/L	MUREAV 23,5,74
	mmo-omi 1 mol/L	IVRYAK 10,181,78
	mmo-omi 2500 ppm	VIRLAX 76,164,77
	mmo-omi 1 gm/L	JANTAJ 31,662,78
	mmo-omi 300 mmol/L	MGGEAE 179,191,80
	mmo-omi 20 mmol/L	EJMBA2 16,133,81
	mmo-omi 10 mmol/L	EJMBA2 15,113,80
	mmo-omi 50 mmol/L/5M	MUREAV 7,19,69
	mmo-omi 30 mmol/L	IJEBA6 15,1068,77
	pic-omi 50 mmol/L	MUREAV 1,355,64
	pic-omi 1 mmol/L	BAPBAN 18,445,70
	mmo-nsc 5 mmol/L	MUREAV 12,129,71
	mmo-smc 17 mmol/L	MUREAV 2,403,65
	mrc-smc 10 pph	AGACBH 4,286,74
	mmo-asn 50 mmol/L	GENTAE 63,317,69
	mmo-ssp 10 mmol/L	MUREAV 4,441,67
	dnr-ssp 132 umol/L	CNJGA8 24,771,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

RA0770000 NITROUS ACID, AMMONIUM SALT
UPDT:8401 CAS: 13446-48-5 MW: 64.06 MOLFM: H3-N .H-N-O2
SYN: AMMONIUM NITRITE * AMMONIUM NITRITE (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FORBIDDEN	CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RA0780000 NITROUS ACID, BUTYL ESTER
UPDT:8411 CAS: 544-16-1 MW: 103.14 MOLFM: C4-H9-N-O2
SYN: BUTYL NITRITE * n-BUTYL NITRITE * BUTYL NITRITE (DOT) * NBN * NCI-C56553 * NITROUS ACID, n-BUTYL ESTER * UN 2351 (DOT)

MUTATION DATA AND REFERENCES:

	mmo-sat 1 mg/plate	BSIBAC 56,816,80

TOXICITY DATA AND REFERENCES:

3F19F21J22	orl-rat LD50:83 mg/kg	JJATDK 1,30,81
1F01	ihl-rat LC50:918 ppm/1H	FEPRA7 41,1583,82
2L30P24	orl-mus LD50:171 mg/kg	RCSADO 3,233,82
3F17J24M10	ihl-mus LC50:567 ppm/1H	FAATDF 1,448,81
	ipr-mus LD50:169 mg/kg	TXAPA9 48,A43,79

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NITROUS ACID, n-BUTYL ESTER see: RA0780000

RA0800000 NITROUS ACID, sec-BUTYL ESTER
UPDT:8402 CAS: 924-43-6 MW: 103.14 MOLFM: C4-H9-N-O2
SYN: sec-BUTYL NITRITE * NITROUS ACID, 1-METHYL PROPYL ESTER

MUTATION DATA AND REFERENCES:

	mma-sat 1 mg/plate	BSIBAC 56,816,80

TOXICITY DATA AND REFERENCES:

2L30P24	orl-mus LD50:423 mg/kg	RCSADO 3,233,82
3F17J24M10	ihl-mus LC50:1753 ppm/1H	FAATDF 1,448,81
	ipr-mus LD50:496 mg/kg	TXAPA9 48,A43,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RA0802000 NITROUS ACID, t-BUTYL ESTER
UPDT:8402 CAS: 540-80-7 MW: 103.14 MOLFM: C4-H9-N-O2
SYN: tert-BUTYL NITRITE * alpha,alpha-DIMETHYLETHYL NITRITE * NITROUS ACID 1,1-DIMETHYLETHYL ESTER

TOXICITY DATA AND REFERENCES:

2L30P24	orl-mus LD50:308 mg/kg	RCSADO 3,233,82
3F17J24M10	ihl-mus LC50:10852 ppm/1H	FAATDF 1,448,81
	ipr-mus LD50:496 mg/kg	TXAPA9 48,A43,79

NITROUS ACID 1,1-DIMETHYLETHYL ESTER see: RA0802000

RA0805000 NITROUS ACID, ISOBUTYL ESTER
UPDT:8412 CAS: 542-56-3 MW: 103.14 MOLFM: C4-H9-N-O2
SYN: IBN * ISOBUTYL NITRITE * NCI-C61052 * NITROUS ACID, 2-METHYLPROPYL ESTER (9CI)

MUTATION DATA AND REFERENCES:

	mmo-sat 1 mg/plate	BSIBAC 56,816,80
	mma-sat 333 ug/plate	NTPTB* APR 82

TOXICITY DATA AND REFERENCES:

3P24H02G10	orl-man TDLo:120 mg/kg	AIMEAS 92,637,80
1F01	orl-rat LD50:410 mg/kg	FEPRA7 41,1583,82
1F01	ihl-rat LC50:960 ppm/1H	FEPRA7 41,1583,82
2L30P24	orl-mus LD50:205 mg/kg	RCSADO 3,233,82
3F17J24M10	ihl-mus LC50:1033 ppm/1H	FAATDF 1,448,81
	ipr-mus LD50:169 mg/kg	TXAPA9 48,A43,79

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RA0810000 NITROUS ACID, ETHYL ESTER
UPDT:8308 CAS: 109-95-5 MW: 75.08 MOLFM: C2-H5-N-O2
SYN: ETHYL NITRITE * ETHYL NITRITE (DOT) * NITROSYL ETHOXIDE * NITROUS ETHER * NITROUS ETHER (DOT) * NITROUS ETHYL ETHER * UN 1194 (DOT)

TOXICITY DATA AND REFERENCES:

	unk-chd LDLo:200 mg/kg	32ZWAA 8,338,74

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NITROUS ACID, 2-FLUOROETHYL ESTER see: KL1750000

RA0930000 NITROUS ACID, ISOPROPYL ESTER
UPDT:8408 CAS: 541-42-4 MW: 89.11 MOLFM: C3-H7-N-O2
SYN: ISOPROPYL NITRITE * NITROUS ACID, 1-METHYLETHYL ESTER (9CI) * 2-PROPANOL NITRITE

TOXICITY DATA AND REFERENCES:

*	ihl-rat LC50:1250 mg/m3/4H	85GMAT -,79,82
*	ihl-mus LC50:2800 mg/m3/2H	85GMAT -,79,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RA1050000 NITROUS ACID, METHYL ESTER
UPDT:8401 CAS: 624-91-9 MW: 61.05 MOLFM: C-H3-N-O2
SYN: METHYL NITRITE * METHYL NITRITE (DOT)

MUTATION DATA AND REFERENCES:

	mmo-sat 100 ppm	MUREAV 117,47,83
	mma-sat 100 ppm	MUREAV 117,47,83

TOXICITY DATA AND REFERENCES:

	ihl-rat LCLo:250 ppm/4H	BJIMAG 27,1,70

STANDARDS & REGULATIONS:

★ DOT-CARRIAGE FORBIDDEN	CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NITROUS ACID, 1-METHYLETHYL ESTER (9CI) see: RA0930000 NITROUS ACID, ISOPROPYL ESTER
NITROUS ACID, 1-METHYL PROPYL ESTER see: RA0800000
NITROUS ACID, 2-METHYLPROPYL ESTER (9CI) see: RA0805000

RA1080000 NITROUS ACID, NICKEL (2+) SALT
UPDT:8312 CAS: 17861-62-0 MW: 150.73 MOLFM: N2-O4 .Ni
SYN: NICKEL DINITRITE * NICKEL NITRITE * NICKEL NITRITE (DOT) * UN 2726 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER	CFRGBR 49,172.102,83

RA1140000 NITROUS ACID, PENTYL ESTER
UPDT:8308 CAS: 463-04-7 MW: 117.17 MOLFM: C5-H11-N-O2
SYN: AMYL NITRITE * n-AMYL NITRITE * AMYL NITRITE (DOT) * NITRAMYL * 1-NITROPENTANE * PENTYL ALCOHOL, NITRITE * PENTYL NITRITE * UN 1113 (DOT)

MUTATION DATA AND REFERENCES:

	mmo-sat 1 mg/plate	BSIBAC 56,816,80

STANDARDS & REGULATIONS:

★ DOT-HAZARD: FLAMMABLE LIQUID; LABEL: FLAMMABLE LIQUID	CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NITROUS ACID, POTASSIUM SALT see: TT3750000

RA1225000 NITROUS ACID, SODIUM SALT
UPDT:8412 CAS: 7632-00-0 MW: 69.00 MOLFM: N-O2 .Na
SYN: ANTI-RUST * DIAZOTIZING SALTS * DUSITAN SODNY (Czech) * ERINITRIT * FILMERINE * NATRIUM NITRIT (German) * NCI-C02084 * NITRITE DE SODIUM (French) * SODIUM NITRITE (DOT) * SODIUM NITRITE * UN 1500 (DOT)

IRRITATION DATA AND REFERENCES:

	eye-rbt 500 mg/24H SEV	28ZPAK -,15,72

MUTATION DATA AND REFERENCES:

	mmo-sat 250 ug/plate	MUREAV 28,31,75
	mma-sat 9000 ug/plate	PNASA6 72,5135,75
	mmo-esc 50 mmol/L	GENTAE 61,376,69
	mmo-bcs 400 mol	MOPMA3 4,411,68
	oms-bcs 200 mmol/L	MUREAV 5,1,68
	oms-hmi 100 mmol/L	MUREAV 61,129,79
	mmo-omi 2 mol/L	VIRLAX 37,335,69
	dnd-omi 100 mmol/L	JMOBAK 116,31,77
	mmo-omi 17 mmol/L	FOMIAZ 15,48,70
	mmo-omi 4 pph	ZAPOAK 16,279,76

	mmo-omi 1 mol/L	BBRCA9 2,324,60
	mmo-omi 50 mmol/L	TGANAK 3,87,68
	mmo-omi 3350 mmol/L	VIRLAX 81,192,77
	mmo-omi 50 mmol/L	AMICCW 103,141,75
	mmo-omi 2 mol/L	VIRLAX 74,154,76
	mmo-omi 50 mol/L	ZBPIA9 128,678,74
	mmo-omi 700 mmol/L	JOVIAM 15,1,75
	mmo-omi 1 mmol/L	JOVIAM 15,41,75
	mmo-omi 10 mmol/L	FOMIAZ 23,177,78
	mmo-omi 4 mol/L	JOVIAM 7,295,71
	mmo-omi 1 mol/L	AVIRA2 21,397,77
	mmo-omi 50 mmol/L	JGMIAN 128,1401,82
	dnd-omi 1 mol/L	JCPBAN 58,1005,61
	oms-omi 1 mol/L	JCPBAN 58,1005,61
	mmo-omi 5 mol/L	MGGEAE 141,207,75
	mmo-omi 200 mg/kg	JOVIAM 37,936,81
	dnd-omi 1 mol/L	MUREAV 25,235,74
	mmo-nsc 5 umol/L/2H	MGGEAE 111,159,71
	mmo-smc 72500 umol/L	MGGEAE 102,290,68
	mrc-smc 100 umol/L	MGGEAE 168,125,79
	mmo-asn 500 mmol/L	MUREAV 10,111,70
	cyt-asn 500 mmol/L	MUREAV 10,111,70
	sln-asn 500 mmol/L	MUREAV 10,111,70
	mmo-ssp 34 mmol/L	ADWMAX -,193,62
	dns-hmn:Hla 6 mmol/L	FCTOD7 21,551,83
	bfa-hmn/sat 200 mmol/L	CANCAR 47,889,81
	cyt-rat-par 100 mg/kg/5D-I	PRKHDK 4,151,79
	cyt-mus:mmr 10 mmol/L/24H	MUREAV 40,119,76
	msc-mus:mmr 1 mmol/L/2D	MUREAV 40,119,76
	mnt-ham-orl 500 mg/kg	IJCNAW 24,365,79
	otr-ham-orl 100 mg/kg	BBRCA9 81,310,78
	otr-ham:oth 100 mmol/L/24H	BBRCA9 55,1117,73
	cyt-ham:fbr 530 mg/L/34H	MUREAV 48,337,77
	cyt-ham:emb 20 mmol/L	MUREAV 56,69,77
	cyt-ham:lng 400 mg/L	GMCRDC 27,95,81
	sce-ham:fbr 3 mmol/L	PJACAW 53,46,77
	msc-ham-orl 100 mg/kg	IAPUDO 41,585,82
	dnd-mam:lym 1 mol	JCPBAN 58,1005,61

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T35T81	orl-rat TDLo:660 mg/kg (1-22D preg)	AJHEAA 62,1045,72
3T81T83T87	orl-rat TDLo:11 gm/kg (1-22D preg/21D post)	TOXID9 4,89,84
1T76	orl-rat TDLo:11 gm/kg (1-22D preg/21D post)	TOXID9 4,89,84
1T48	orl-mus TDLo:280 mg/kg (1-14D preg)	TJADAB 18,367,78

TUMORIGENIC DATA AND REFERENCES:

2V02L60	orl-rat TDLo:40 gm/kg/56W-C	ZKKOBW 90,87,77
2V03K60	orl-rat TD :63 gm/kg/95W-C	JJIND8 64,1435,80
3V03R60T61	orl-rat TD :91 gm/kg/2Y-C	FCTOD7 20,25,82
3V03R60T61	orl-rat TD :183 gm/kg/2Y-C	FCTOD7 20,25,82
2V02L60	orl-rat TD :100 gm/kg/2Y-I	CRNGDP 4,1189,83
1V02	orl-rat TD :40 gm/kg/56W-C	ZKKOBW 91,189,78

TOXICITY DATA AND REFERENCES:

3F17H05K13	orl-hmn TDLo:14 mg/kg	DMWOAX 74,961,49
	orl-chd LDLo:22 mg/kg	LANCAO 2,162,17
	orl-rat LD50:85 mg/kg	AIHAAP 30,470,69
	scu-rat LDLo:10 mg/kg	AEPPAE 201,197,43
	ivn-rat LD50:65 mg/kg	ARZNAD 13,320,63
2P27N08	orl-mus LD50:214 mg/kg	APTOA6 6,285,50
	ipr-mus LD50:158 mg/kg	JPETAB 165,30,69
	scu-mus LDLo:150 mg/kg	AIPTAK 35,480,29
	orl-dog LDLo:330 mg/kg	27ZIAQ -,245,73
	scu-dog LDLo:60 mg/kg	AIPTAK 21,425,11
	ivn-dog LDLo:15 mg/kg	27ZIAQ -,245,73
	orl-cat LDLo:1500 mg/kg	HBAMAK 4,1372,35
	scu-cat LDLo:35 mg/kg	AEPPAE 126,209,27
*	orl-rbt LD50:186 mg/kg	SOVEA7 27,246,74
	scu-rbt LDLo:60 mg/kg	HBAMAK 4,1372,35
	ivn-rbt LDLo:80 mg/kg	JPETAB 41,121,31
	scu-frg LDLo:1000 mg/kg	HBAMAK 4,1372,35

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: JSFAAE 26,1761,75; FNSCA6 2,67,73

STANDARDS & REGULATIONS:

★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NITROUS ANHYDRIDE see: QX1960000
NITROUS DIPHENYLAMIDE see: JJ9800000
NITROUS ETHER see: RA0810000
NITROUS ETHER (DOT) see: RA0810000
NITROUS ETHYL ETHER see: RA0810000
NITROUS FUMES see: QU5900000
NITROUS OXIDE see: QX1350000
NITROUS OXIDE (DOT) see: QX1350000
NITROUS OXIDE, compressed (DOT) see: QX1350000
NITROUS OXIDE, refrigerated liquid (DOT) see: QX1350000
NITROVARFARIAN see: GN4900000
NITROWARFARIN see: GN4900000
NITROX see: TG0175000
NITROX 80 see: TG0175000
NITROXANTHIC ACID see: TJ7875000
NITROXAZEPINE see: HQ4029500 DIBENZ(b,f)(1,4)OXAZEPIN-11(10H)-ONE, 10-(3-(DIMETHYLAMINO)PROPYL)-2-NITRO-, MONOHYDROCHLORIDE
NITROXYLENE see: ZE4682000
NITRO-m-XYLENE (DOT) see: ZE4684000
NITRO-o-XYLENE (DOT) see: ZE4686400
NITRO-p-XYLENE (DOT) see: ZE4686500
NITROXYLOL (DOT) see: ZE4682000
NITROXYLSULFURIC ACID see: QZ7886700
NITROZAN K see: BX9350000
NITROZONE see: LT7700000
NITRUMON see: YS2625000
NITRYL KWASU NIKOTYNOWEGO (Polish) see: QT3030000
NITRYLU o-CHLOROBENZYLOMALONOWEGO (Polish) see: OO3660000
NITTO DIRECT SKY BLUE 5B see: QJ6420000
NIUIF-100 see: TF4550000
NIVACHINE see: VB2360000
NIVALENOL see: YD0165000
NIVALENOL-4-O-ACETATE see: YD0160000
NIVALENOL DIACETATE see: YD0165500
NIVALIN see: DF8075000
NIVAQUINE see: VB2360000
NIVAQUINE B see: VB2360000
NIVELONA see: TN5075000
NIVOCILIN see: QI8925000
NIXON N/C see: QW0970000
NIX-SCALD see: VB8225000
NIXYN see: US4600000
NIXYN HERMES see: US4600000
NIZOTIN see: NS0350000
NJ-21 see: NY2975000
NK 631 see: EC5991700
NK 631 see: SC6082000
NK 711 see: TB1720000
NK-843 see: QX2100000
NK-1158 see: TC5590000
NK-1013-2 see: WK1969100
NK ESTER A-TMPT see: AT4810000
NK ESTER 3G see: OZ4100000
NKK 100 see: TY1846000
N-LOST (German) see: IA1750000
NLPD see: TD2530000
NM 11 see: TR8100000
NM 14 see: TR8100000
NMA see: BY5775000
NMA see: RB9100000
1-N-2-MA (Russian) see: CB7920000
NMBA see: EO5425000
Na MCPA see: AG2625000
NMEA see: KR9200000
NMH see: YT7875000
N-6-MI see: CM3325000
NMNA see: UI5205000
NMO see: IA2200000
NMOR see: QE7525000
NMP see: UY5790000
N-M-T see: TH8500000
NMU see: YT7875000
NMUT see: FC6300000
NMVA see: YZ0875000
NNA see: EJ3465000
N. NAJA SPUTATRIX VENOM see: YX4182050
N. NAJA VENOM see: YX4180000
NNDG see: DU1790000
NN-DI(2-CHLOROETHYL)-beta-NAPHTHYLAMINE see: QM2450000
NNF-109 see: TY1846000
N. NIGRICOLLIS VENOM see: YX4410000
NNK see: OB6465000
NNN see: QS6550000
4-NO see: ST2975000
NOAN see: DF1575000
NOBECUTAN see: JO1400000
NOBEDON see: AE4200000
NOBEDORM see: VA3850000
NOBFELON see: MU6640000
NOBFEN see: MU6640000
NOBGEN see: MU6640000
NOBILEN see: YR1575000
NOBITOCIN S see: RS7534000
NOBLEN see: UD1842000
NOBLEN BC 8 see: UD1842000
NOBLEN D 101 see: UD1842000
NOBLEN D 501 see: UD1842000
NOBLEN EBG see: UD1842000
NOBLEN FA 3 see: UD1842000
NOBLEN FL see: UD1842000
NOBLEN FL 4 see: UD1842000
NOBLEN FP see: UD1842000
NOBLEN FS 101 see: UD1842000
NOBLEN FS 2011 see: UD1842000
NOBLEN H see: UD1842000
NOBLEN H 101 see: UD1842000
NOBLEN H 501 see: UD1842000
NOBLEN HS see: UD1842000
NOBLEN JHHG see: UD1842000
NOBLEN JK-M see: UD1842000
NOBLEN MA 4 see: UD1842000
NOBLEN MH 6 see: UD1842000
NOBLEN MM 2A see: UD1842000
NOBLEN S 101 see: UD1842000
NOBLEN SHG see: UD1842000
NOBLEN 2VH501 see: UD1842000
NOBLEN W 101 see: UD1842000
NOBLEN W 501 see: UD1842000
NOBLEN W 502 see: UD1842000
NOBLEN WF 464 see: UD1842000
N OBLIVON see: SC5075000

RA3345000 NOBORITOMYCIN A

UPDT:8309 CAS: 68508-45-2 MW: 805.07 MOLFM: C43-H64-O14

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:5 mg/kg	85GDA2 5,504,81
*	ivn-mus LD50:500 ug/kg	85GDA2 5,504,81

RA3346000 NOBORITOMYCIN A, 4-DEMETHYL-4-ETHYL-

UPDT:8309 CAS: 68508-46-3 MW: 819.10 MOLFM: C44-H66-O14
SYN: 4-DEMETHYL-4-ETHYLNOBORITOMYCIN A * NOBORITOMYCIN-B

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:5 mg/kg	85GDA2 5,505,81
*	ivn-mus LD50:500 ug/kg	85GDA2 5,505,81

NOBORITOMYCIN-B see: RA3346000
NOBRIUM see: DE9070000
NO BUNT see: DA2975000
NO BUNT 40 see: DA2975000
NO BUNT 80 see: DA2975000
NO BUNT LIQUID see: DA2975000
NOCA see: WI4550000
NOCBIN see: JO1225000

NOCLON see: SI1750000
NO. 49 CONC. BENZIDINE YELLOW see: AK4580000
NO.3 CONC. BRONZE SCARLET see: DB5500000
NO.3 CONC. SCARLET see: DB5500000
NO-CRAB see: TA2800000
NOCRAC 224 see: TQ2625000
NOCRAC NS 6 see: PA3500000
NOCTAL see: CQ1050000
NOCTAN see: TM7350000
NOCTAZEPAM see: DF1400000
NOCTEC see: FM8750000
NOCTENAL see: CQ1050000
NOCTILENE see: VA3850000
NOCTIVANE see: CQ2625000
NOCTIVANE SODIUM see: CQ2800000
NOCTOSEDIV see: TI4375000
NOCTYN see: CQ2450000
NOCTYNOL see: TZ1225000
NODAPTON see: UY4337630
NO-DHU see: MX9280000
NO-DOZ see: EV6475000
NOE (French) see: DD6538000
NO-ETU see: NJ0530000
NOFLAMOL see: TQ1350000
NO. 34 FORTHBRITE FAST VIOLET see: GE4518000
NO. 48 FORTHBRITE FAST VIOLET see: GE4518000
NO. 1 FORTHFAST RED R see: QL3436000
NO. 2 FORTHFAST SCARLET see: QK4247000

RA4550000 NOGALAMYCIN
UPDT:8412 CAS: 1404-15-5 MW: 773.88 MOLFM: C39-H49-O16
SYN: ANTIBIOTIC NSC 70845 * NOGALOMYCIN * NSC-70845 * U-15167
MUTATION DATA AND REFERENCES:
dnd-sat 125 ug ABBIA4 120,292,67
dnd-esc 125 ug ABBIA4 120,292,67
pic-esc 120 mg/L ZAPOAK 8,139,68
pic-esc 250 ng/plate CNREA8 43,2819,83
dnd-omi 125 ug ABBIA4 120,292,67
dnd-omi 4 umol/L BBACAQ 474,199,77
dnd-sal:spr 100 mmol ABBIA4 120,292,67
dni-hmn:oth 410 nmol/L HXPHAU 38(Pt 2),623,75
dni-hmn:oth 410 nmol/L HXPHAU 38(Pt 2),623,75
spm-rat-ipr 250 ug/kg MUREAV 40,251,76
dnd-mus:ast 83 umol/L BBACAQ 374,96,74
dnd-mam:lym 12 umol/L CBINA8 36,1,81
dni-mam:lym 12 umol/L CBINA8 36,1,81
oms-mam:lym 12 umol/L CBINA8 36,1,81
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:500 ug/kg ADTEAS 3,181,68
ivn-rat LDLo:4600 ug/kg NCIRI* -,192,66
* ipr-mus LD50:13750 ug/kg IJEBA6 17,595,79
ivn-mus LDLo:8500 ug/kg NCIRI* -,192,66
ivn-dog LDLo:250 ug/kg NCIRI* -,192,66
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 2,159,73

NOGALAMYCIN-N-OXIDE see: KD1146100
NOGALARENE see: KD1146300
NOGALAROL see: KD1146200
NOGALOMYCIN see: RA4550000
NOGAMYCIN see: KD1146500
NOGEDAL see: HP1150000
NOGEST see: TU5010000
NOGEST see: TU5010070
NOGEXAN see: CQ2311000
NOGOS see: TC0350000
NOGOS 50 see: TC0350000
NOGOS G see: TC0350000
NOGRAM see: QN2885000
NOHFAA see: AK8575000
NOIGEN 160 see: MD0875000
NOIGEN 170 see: MD0875000
NOIGEN ES 160 see: MD0880000
NOIGEN ET 102 see: MD0875000
NOKHEL see: LV1030000
NOLEPTAN see: DM0450000
NOLTRAN see: TG0700000
NOLUDAR see: TM7350000
NOLVADEX see: KH2387000
NOLVASAN see: DU1925000
NOMERSAN see: JO1400000
NOMETAN see: MO1955000
NO. 907 METRO TALC see: WW2710000
NOMIFENSIN see: NX4912800
NOMIFENSINE HYDROGEN MALEATE see: NX4912800
NOMIFENSINE MALEATE see: NX4912800
NOMIFENSIN HYDROGEN MALEATE see: NX4912800
NONACHLAZINE see: SN7700000
NONACHLOROPREDIOXIN see: SM9460000
NONADECAFLUORODECANOIC ACID see: HD9900000
NONADECAFLUORO-n-DECANOIC ACID see: HD9900000
2,6-NONADIENAL see: RA5391800

RA5391800 2,6-NONADIENAL, (E,Z)-
UPDT:8401 CAS: 557-48-2 MW: 138.23 MOLFM: C9-H14-O
SYN: CUCUMBER ALDEHYDE * trans,cis-2,6-NONADIENAL * trans-2,cis-6-NONADIENAL * 2,6-NONADIENAL * VIOLET LEAF ALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),769,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

trans,cis-2,6-NONADIENAL see: RA5391800
trans-2,cis-6-NONADIENAL see: RA5391800

RA5392500 2,6-NONADIEN-1-AL, 3,7-DIMETHYL-
UPDT:8305 CAS: 41448-29-7 MW: 166.29 MOLFM: C11-H18-O
SYN: 3,7-DIMETHYL-2,6-NONADIEN-1-AL * ETHYL CITRAL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTXAV 16,735,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NONADIENOL see: RA5394000

RA5394000 2,6-NONADIENOL
UPDT:8401 CAS: 28069-72-9 MW: 140.25 MOLFM: C9-H16-O
SYN: CUCUMBER ALCOHOL * NONADIENOL * 2-trans-6-cis-NONADIEN-1-OL * VIOLET LEAF ALCOHOL
IRRITATION DATA AND REFERENCES:
skn-gpg 100%/24H MOD FCTOD7 20(Suppl),771,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2-trans-6-cis-NONADIEN-1-OL see: RA5394000

RA5395000 1,6-NONADIEN-3-OL, 3,7-DIMETHYL-
UPDT:8305 CAS: 10339-55-6 MW: 168.31 MOLFM: C11-H20-O
SYN: 3,7-DIMETHYL-1,6-NONADIEN-3-OL * ETHYL LINALOOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,767,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RA5395200 1,6-NONADIEN-3-OL, 3,7-DIMETHYL-, ACETATE
UPDT:8401 CAS: 61931-80-4 MW: 210.35 MOLFM: C13-H22-O2
SYN: 3,7-DIMETHYL-1,6-NONADIEN-3-YL ACETATE * ETHYL LINALYL ACETATE * HOMOLINALYL ACETATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),681,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NONA EXTRACT (Indian) see: CA1185000
gamma-NONALACTONE see: LU3675000
1-NONALDEHYDE see: RA5700000
NONALOL see: RB1575000
1,4-NONALOLIDE see: LU3675000
3,3'-(NONAMETHYLENEDIIMINO)DIPROPIONALDEHYDE DIHYDROCHLORIDE see: UE2287500

RA5700000 1-NONANAL
UPDT:8305 CAS: 124-19-6 MW: 142.27 MOLFM: C9-H18-O
SYN: ALDEHYDE C-9 * C-9 ALDEHYDE * NCI-C61018 * 1-NONALDEHYDE * 1-NONYL ALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTXAV 11,1079,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RA5910000 NONANAMIDE, 9-((AMINOIMINOMETHYL)AMINO)-N-(10-((AMINOIMINOMETHYL)AMINO)-1-(3-AMINOPROPYL)- 2-HYDROXYDECYL)-
UPDT:8306 CAS: 534-76-9 MW: 484.84 MOLFM: C24-H52-N8-O2
SYN: EULICIN * NONANAMIDE, N-(1-(3-AMINOPROPYL)-10-GUANIDINO-2-HYDROXYDECYL)-9-GUANIDINO- * NONANAMIDE, N-METHOXY-N-METHYL-
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:17 mg/kg 85ERAY 2,1142,78
* scu-mus LD50:46 mg/kg 85ERAY 2,1142,78
* ivn-mus LD50:3 mg/kg 85ERAY 2,1142,78
* ims-mus LD50:12 mg/kg 85ERAY 2,1142,78

NONANAMIDE, N-(1-(3-AMINOPROPYL)-10-GUANIDINO-2-HYDROXYDECYL)-9-GUANIDINO- see: RA5910000
NONANAMIDE, N-METHOXY-N-METHYL- see: RA5910000

RA6050000 NONANAMIDE, N-(2,2,2-TRICHLORO-1-HYDROXYETHYL)-
UPDT:8405 MW: 304.67 MOLFM: C11-H20-Cl3-N-O2
SYN: N-(2,2,2-TRICHLORO-1-HYDROXYETHYL)NONANAMIDE
TOXICITY DATA AND REFERENCES:
2F07J30 ipr-rat LD50:1026 mg/kg JAPMA8 41,100,52

RA6115000 NONANE
UPDT:8312 CAS: 111-84-2 MW: 128.29 MOLFM: C9-H20
SYN: n-NONANE * NONANE (DOT) * UN 1920 (DOT) * SHELLSOL 140
TOXICITY DATA AND REFERENCES:
* ihl-rat LC50:3200 ppm/4H DTLVS* 4,312,80
ivn-mus LD50:218 mg/kg JPMSAE 67,566,78
REVIEW AND REFERENCES:
★ TLV-TWA 200 ppm; STEL 250 ppm DTLVS* 4,312,80
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172 102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

n-NONANE see: RA6115000
1-NONANECARBOXYLIC ACID see: HD9100000

RA6280000 1,9-NONANEDIAMIDE, N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-, DIHYDROCHLORIDE
UPDT:8308 MW: 571.61 MOLFM: C29-H34-N6-O2 .2Cl-H
SYN: N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLYL)NONANEDIAMIDE DIHYDROCHLORIDE * BIS-(2-METHYL-4-AMINO-6-QUINOLYL)AZELEAMIDE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F12J30 ivn-mus LD50:16 mg/kg ANTCAO 2,581,52

RA6475000 NONANE, 1,2:8,9-DIEPOXY-
UPDT:8401 CAS: 24829-11-6 MW: 156.25 MOLFM: C9-H16-O2
SYN: 1,2:8,9-DIEPOXYNONANE
TUMORIGENIC DATA AND REFERENCES:
3V03P62R60 unk-mus TDLo:3750 mg/kg RARSAM 3,193,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NONANEDIOIC ACID see: CM1980000
NONANEDIOL-1,3 ACETATE see: RA6475800
1,3-NONANEDIOL ACETATE see: RA6475800

RA6475800 1,3-NONANEDIOL, ACETATE, mixed esters
DEF:A mixture, chiefly 1,3-NONANEDIOL DIACETATE, with other materials including the MONOACETATE(FCTOD7 20(Suppl),773,82)
UPDT:8305
SYN: JASMONYL * NONANEDIOL-1,3 ACETATE * 1,3-NONANEDIOL ACETATE * NONANEDIOL DIACETATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),773,82

NONANEDIOL DIACETATE see: RA6475800

RA6475900 1,9-NONANEDIOL, DIMETHANESULFONATE
UPDT:8412 CAS: 4248-77-5 MW: 316.47 MOLFM: C11-H24-O6-S2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 ipr-rat TDLo:100 mg/kg (1D male) 15QWAW -,62,65
1T23 par-rat TDLo:100 mg/kg (1D male) 85GUAJ -,55,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RA6479000 1,6-NONANEDIONE, 4,8-DIMETHYL-1-(3-FURYL)-4-HYDROXY-
UPDT:8305 CAS: 55626-95-4 MW: 266.37 MOLFM: C15-H22-O4
SYN: 4,8-DIMETHYL-1-(3-FURYL)-4-HYDROXY-1,6-NONANEDIONE * 4-HYDROXYMYOPORONE
TOXICITY DATA AND REFERENCES:
3F11F19L02 ipr-mus LD50:235 mg/kg FCTXAV 17,353,79

RA6479200 1,6-NONANEDIONE, 4,8-DIMETHYL-1-(3-FURYL)-7-HYDROXY-
UPDT:8305 CAS: 52259-61-7 MW: 266.37 MOLFM: C15-H22-O4
SYN: 4,8-DIMETHYL-1-(3-FURYL)-7-HYDROXY-1,6-NONANEDIONE * 7-HYDROXYMYOPORONE
TOXICITY DATA AND REFERENCES:
3F11F19L02 ipr-mus LD50:200 mg/kg FCTXAV 17,353,79

NONANEDIOIC ACID, DIHEXYL ESTER see: CM2100000
NONANE (DOT) see: RA6115000

RA6606000 NONANENITRILE
UPDT:8412 CAS: 2243-27-8 MW: 139.27 MOLFM: C9-H17-N
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2059 mg/kg ARTODN 55,47,84

RA6610000 NONANE, 1,1,1,9-TETRACHLORO-
UPDT:8406 CAS: 1561-48-4 MW: 266.05 MOLFM: C9-H16-Cl4
SYN: 1,1,1,9-TETRACHLORONONANE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:370 mg/kg 85GMAT -,108,82
* ihl-rat LCLo:250 mg/m3/2H 85GMAT -,108,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RA6620000 2,4,6,8-NONANETETRAENOIC ACID, 9-(4-METHOXY-2,3,6-TRIMETHYLPHENYL)-3,7-DIMETHYL-, ETHYL ESTER, all-trans-
UPDT:8411 CAS: 54350-48-0 MW: 354.53 MOLFM: C23-H30-O3
SYN: ETHYL all-trans-9-(4-METHOXY-2,3,6-TRIMETHYLPHENYL)-3,7-DIMETHYL-2,4,6,8-NONATETRAENOATE * Ro 10-9359
MUTATION DATA AND REFERENCES:
sce-hmn:fbr 5 mg/L MUREAV 58,317,78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:11 mg/kg (7-17D preg) YACHDS 10,5095,82
3T25T34T35 orl-rat TDLo:88 mg/kg (7-17D preg) YACHDS 10,5095,82
3T41T42T47 orl-rat TDLo:88 mg/kg (7-17D preg) YACHDS 10,5095,82
2T50T53 orl-rat TDLo:88 mg/kg (7-17D preg) YACHDS 10,5095,82
1T43 orl-rat TDLo:44 mg/kg (7-17D preg) YACHDS 10,5095,82
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RA6650000 NONANOIC ACID
UPDT:8402 CAS: 112-05-0 MW: 158.27 MOLFM: C9-H18-O2
SYN: CIRRASOL 185A * EMFAC 1202 * HEXACID C-9 * n-NONOIC ACID * n-NONYLIC ACID * PELARGIC ACID * 1-OCTANECARBOXYLIC ACID * PELARGON (Russian) * PELARGONIC ACID
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,839,78
eye-rbt 91 mg SEV EMERY* 538,-,64
skn-gpg 100% SEV FCTXAV 16,839,78
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:3200 mg/kg 14CYAT 2,1788,63
* orl-mus LD50:15 gm/kg GISAAA 42(3),99,77
1F12 ivn-mus LD50:224 mg/kg APTOA6 18,141,61
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 21,100,60
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RA6700000 NONANOIC ACID, 9-CHLORO-
UPDT:8406 CAS: 1120-10-1 MW: 192.71 MOLFM: C9-H17-Cl-O2
SYN: CHLOROPELARGONIC ACID * 9-CHLORONONANOIC ACID * CHLOROPERALGONIC
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3000 mg/kg GISAAA 27(10),12,62
orl-mus LD50:3000 mg/kg GISAAA 27(10),12,62
orl-mam LD50:3000 mg/kg GISAAA 27(10),12,62

RA6800000 NONANOIC ACID, 9-CHLORO-8-OXO-
UPDT:8306 MW: 206.69 MOLFM: C9-H15-Cl-O3
SYN: 9-CHLORO-8-OXONONANOIC ACID
TOXICITY DATA AND REFERENCES:
2F15U01 par-mus LD50:100 mg/kg BIJOAK 175,999,78

RA6825000 NONANOIC ACID, ESTER with ALLYL LACTATE
UPDT:8307 CAS: 63906-98-9 MW: 270.41 MOLFM: C15-H26-O4
SYN: PELARGONIC ACID, ESTER with ALLYL LACTATE
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:500 mg/kg CBCCT* 4,110,52

RA6845000 NONANOIC ACID, ETHYL ESTER
UPDT:8305 CAS: 123-29-5 MW: 186.33 MOLFM: C11-H22-O2
SYN: ETHYL NONANOATE * ETHYL NONYLATE * ETHYL PELARGONATE * WINE ETHER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,747,78
TOXICITY DATA AND REFERENCES:
2K07K05 orl-gpg LD50:24 gm/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
NONANOIC ACID, TRIBUTYLSTANNYL ESTER see: WH8589000
NONAN-1-OL see: RB1575000
1-NONANOL see: RB1575000

RA7600000 4-NONANOL, 2,8-DIMETHYL-6-ISOBUTYL-
UPDT:8407 CAS: 10143-20-1 MW: 228.47 MOLFM: C15-H32-O
SYN: 2,8-DIMETHYL-6-ISOBUTYLNONANOL-4
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:16 gm/kg AMIHBC 10,61,54

RA7950000 4-NONANOL, 2,6,8-TRIMETHYL-
UPDT:8407 CAS: 123-17-1 MW: 186.38 MOLFM: C12-H26-O
SYN: 2,6,8-TRIMETHYLNONANOL-4
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 6/28/72
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:17 gm/kg AMIHBC 10,61,54
* skn-rbt LD50:11 gm/kg AMIHBC 10,61,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RA8248000 1-NONANONE, 6,7-DIHYDROXY-4,8-DIMETHYL-1-(3-FURYL)-
UPDT:8305 MW: 268.39 MOLFM: C15-H24-O4
SYN: DIHYDRO-7-HYDROXYMYOPORONE * 6,7-DIHYDROXY-4,8-DIMETHYL-1-(3-FURYL)-1-NONANONE
TOXICITY DATA AND REFERENCES:
3F11F19L02 ipr-mus LD50:184 mg/kg FCTXAV 17,353,79

RA8249000 5-NONANONE, 2-DIMETHYLAMINO-4,4-DIPHENYL-, HYDROCHLORIDE
UPDT:8312 MW: 374.01 MOLFM: C23-H31-N-O . Cl-H
SYN: 2-DIMETHYLAMINO-4,4-DIPHENYL-5-NONANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F29 ivn-mus LD50:20 mg/kg JCSOA9 -,648,49

RA8254000 1-NONANONE, 4,8-DIMETHYL-1-(3-FURYL)-6-HYDROXY-
UPDT:8305 MW: 252.39 MOLFM: C15-H24-O3
SYN: 4,8-DIMETHYL-1-(3-FURYL)-6-HYDROXY-1-NONANONE * 6-MYOPOROL
TOXICITY DATA AND REFERENCES:
3F11F19L02 ipr-mus LD50:84 mg/kg FCTXAV 17,353,79

RA8300000 2-NONANONE, 9-FLUORO-
UPDT:8403 CAS: 544-43-4 MW: 160.26 MOLFM: C9-H17-F-O
SYN: 9-FLUORO-2-NONANONE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:16 mg/kg JACSAT 79,1959,57

RA8310000 NONANONE, TRIMETHYL-
UPDT:8407 CAS: 1331-50-6 MW: 184.36 MOLFM: C12-H24-O
SYN: TRIMETHYL NONANONE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
skn-rbt 500 mg open MLD UCDS** 4/25/58
eye-rbt 500 mg open AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:8470 mg/kg UCDS** 4/25/68
skn-rbt LD50:11 gm/kg UCDS** 4/25/68
1-NONANOYLAZIRIDINE see: CM8255000
NONANOYLETHYLENEIMINE see: CM8255000
(NONANOYLOXY)TRIBUTYLSTANNANE see: WH8589000

RA8435000 NONANOYL PEROXIDE
UPDT:8401 CAS: 762-13-0 MW: 314.52 MOLFM: C18-H34-O4
SYN: DI-n-NONANOYL PEROXIDE, technically pure (DOT) * DIPELARGONYL PEROXIDE * PELARGONOYL PEROXIDE * PELARGONYL PEROXIDE * PELARGONYL PEROXIDE (DOT) * PEROXIDE, BIS(1-OXONONYL) * UN 2130 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
2,4,6,8-NONATETRANOIC ACID, 3,7-DIMETHYL-9-(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-yl)- see: VH6475000
2,4,6,8-NONATETRAEN-1-OL, 3,7-DIMETHYL-9-(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)-, (all-E)- see: VH6750000

RA8509000 2-NONENAL
UPDT:8401 CAS: 2463-53-8 MW: 140.25 MOLFM: C9-H16-O
SYN: beta-HEXYLACROLEIN * 2-NONEN-1-AL * alpha-NONENYL ALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTOD7 20(Suppl),775,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5 gm/kg FCTOD7 20(Suppl),775,82
* skn-rbt LD50:3700 mg/kg FCTOD7 20(Suppl),775,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
2-NONEN-1-AL see: RA8509000
cis-6-NONENAL see: RA8509200
cis-6-NONEN-1-AL see: RA8509200

RA8509200 6-NONENAL, (Z)-
UPDT:8401 CAS: 2277-19-2 MW: 140.25 MOLFM: C9-H16-O
SYN: cis-6-NONENAL * cis-6-NONEN-1-AL * (Z)-6-NONENAL
IRRITATION DATA AND REFERENCES:
skn-gpg 100%/24H MLD FCTOD7 20(Suppl),777,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
(Z)-6-NONENAL see: RA8509200

RA8510000 2-NONENAL, 4-HYDROXY-
UPDT:8406 CAS: 29343-52-0 MW: 156.25 MOLFM: C9-H16-O2
SYN: 4-HYDROXYNONENAL * 4-HYDROXY-2-NONENAL
TOXICITY DATA AND REFERENCES:
3F16P20U20 ipr-rat LD50:35 mg/kg TOXID9 4,100,84
ipr-mus LD50:69 mg/kg ZolH## 23OCT75
6-NONENAMIDE, 8-METHYL-N-VANILLYL-, (E)- (8CI) see: RA8530000

RA8530000 6-NONENAMIDE, N-((4-HYDROXY-3-METHOXYPHENYL)METHYL)-8-METHYL-, (E)-
UPDT:8408 CAS: 404-86-4 MW: 305.46 MOLFM: C18-H27-N-O3
SYN: CAPSAICIN * CAPSAICINE * N-((4-HYDROXY-3-METHOXYPHENYL)METHYL)-8-METHYL-6-NONENAMIDE * trans-N-((4-HYDROXY-3-METHOXYPHENYL)METHYL)-8-METHYL-6-NONENAMIDE * trans-8-METHYL-N-VANILLYL-6-NONENAMIDE * NCI-C56564 * 6-NONENAMIDE, 8-METHYL-N-VANILLYL-, (E)- (8CI)
TOXICITY DATA AND REFERENCES:
3F12F13F23 ipr-rat LD50:9500 ug/kg TOXIA6 18,215,80
* orl-mus LD50:47200 ug/kg YAHOA3 25,101,81
3F12F13F23 ipr-mus LD50:6500 ug/kg TOXIA6 18,215,80
3F12F13F23 scu-mus LD50:9000 ug/kg TOXIA6 18,215,80
* ivn-mus LD50:400 ug/kg YAHOA3 25,101,81
3F12F13F23 ims-mus LD50:7800 ug/kg TOXIA6 18,215,80
3F12F13F23 itr-mus LD50:1600 ug/kg TOXIA6 18,215,80
3F12F13F23 ipr-gpg LD50:1100 ug/kg TOXIA6 18,215,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RA8565000 2-NONENENITRILE, 3-METHYL-
UPDT:8305 MW: 151.28 MOLFM: C10-H17-N
SYN: CITGRENILE * 3-METHYL-2(3)-NONENENITRILE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),757,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1720 mg/kg FCTOD7 20(Suppl),757,82

RA8575000 2-NONENE, 2-NITRO-
UPDT:8308 CAS: 4812-25-3 MW: 171.27 MOLFM: C9-H17-N-O2
SYN: 2-NITRO-2-NONENE
IRRITATION DATA AND REFERENCES:
eye-hmn 10 ug/L IMSUAI 27,375,58
skn-rbt 500 mg open SEV AMIHAB 18,312,58
eye-rbt 50 mg SEV AMIHAB 18,312,58
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:2100 mg/kg IMSUAI 34,800,65
ipr-rat LDLo:180 mg/kg TXAPA9 1,156,59
skn-rbt LDLo:620 mg/kg IMSUAI 34,800,65
2D25J25 ihl-ckn LCLo:43 ppm AMIHAB 18,312,58

RA9455000 7-NONENOIC ACID, 9-(5-HYDROXY-2-(3-HYDROXY-1-OCTENYL)-3-OXOCYCLOPENTYL)-, (1R-(1-alpha(Z), 2-beta(1E,3S*),5-alpha))-
UPDT:8402 CAS: 64072-63-5
SYN: 2a,2b-DIHOMO-PGD2 * 2a,2b-DIHOMO-PROSTAGLANDIN D2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-ham TDLo:400 ug/kg (4D preg) JMCMAR 26,790,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RA9470000 2-NONENOIC ACID, METHYL ESTER
UPDT:8305 CAS: 111-79-5 MW: 170.28 MOLFM: C10-H18-O2
SYN: METHYL 2-NONENOATE * METHYL NONYLENATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,811,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RA9700000 3-NONEN-2-ONE, 5-ETHYL-
UPDT:8407 CAS: 10137-90-3 MW: 168.31 MOLFM: C11-H20-O
SYN: 5-ETHYL-3-NONEN-2-ONE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54

eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8120 mg/kg AMIHBC 10,61,54
* skn-rbt LD50:8480 mg/kg AMIHBC 10,61,54

RA9710000 2-NONEN-5-ONE, 9-(3-HYDROXY-6-(2-HYDROXYETHYLIDENE)-2-METHYL-2-OXEPANYL)-2,6-DIMETHYL-, (2S-(2-alpha-(S*),3-beta,6E))-
UPDT:8401 CAS: 71117-51-6 MW: 338.54 MOLFM: C20-H34-O4
SYN: ZOAPATANOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T35 orl-gpg TDLo:100 mg/kg (22D preg) CCPTAY 23,133,81
2T25T35 ipr-gpg TDLo:80 mg/kg (22D preg) CCPTAY 23,133,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
alpha-NONENYL ALDEHYDE see: RA8509000
NONEX 25 see: MD0880000
NONEX 30 see: MD0880000
NONEX 32 see: WI4550000
NONEX 52 see: MD0880000
NONEX 64 see: MD0880000
NONEX 80 see: TQ4375000
NONEX 411 see: WI4025000
NONFLAMIN see: XJ9088600
NONFLEX RD see: TQ2625000
NONIDET P40 see: MD0907600
NONION 06 see: MD0880000
NONION HS 206 see: MD0907600
NONION HS 208 see: MD0907600
NONION 02 see: MD0880000
NONION 04 see: MD0880000
NONION OP80R see: WG2932400
NONION SP 60 see: WG2933500
NONION SP 60R see: WG2933500
NONISOL 200 see: MD0880000
n-NONOIC ACID see: RA6650000
NONOX CL see: ST2100000
NONOX D see: QM4550000
NONOX DPPD see: ST2275000
NONOX TBC see: GO7875000
NONOX ZA see: ST2650000
NONOXYNOL see: MD0900000

RB1525000 NONOXYNOL-9
UPDT:8407 CAS: 26027-38-3 MOLFM: (C2-H4-O)n-C15-H24-O
SYN: N-9
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 iut-rat TDLo:2500 ug/kg (1D preg) CCPTAY 14,39,76
2T13T19 ivg-rat TDLo:50 mg/kg (1D pre) FAATDF 2,211,82
1T13 ivg-rbt TDLo:1250 ug/kg (10D pre) FESTAS 33,445,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
NONPLESIN see: TN2855000
N-NONYLACETAMIDE see: AC6770000

RB1575000 NONYL ALCOHOL
UPDT:8408 CAS: 143-08-8 MW: 144.29 MOLFM: C9-H20-O
SYN: ALCOHOL C-9 * NONALOL * 1-NONANOL * NONAN-1-OL * n-NONYL ALCOHOL * OCTYL CARBINOL * PELARGONIC ALCOHOL
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1400 mg/kg 14CYAT 2,1466,63
orl-mus LDLo:10 gm/kg TPKVAL 5,51,63
* ihl-mus LC50:5500 mg/m3/2H 85GMAT -,94,82
* skn-rbt LD50:5660 mg/kg FCTXAV 11,95,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
n-NONYL ALCOHOL see: RB1575000
1-NONYL ALDEHYDE see: RA5700000

RB2140000 NONYLBORONIC ACID
UPDT:8307 CAS: 3088-78-6 MW: 172.11 MOLFM: C9-H21-B-O2
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#01866
NONYLCARBINOL see: HE4375000
6-n-NONYL-m-CRESOL see: GP3000000
4-NONYL-3-(2,4-DIMETHYL-5-CARBOETHOXYPYRROLYL-3)-PYRAZOLONE-5 see: UX9359800
n-NONYLIC ACID see: RA6650000
2,2'-((5,5-NONYLIDENE)DITHIO)BIS(ETHYLAMINE) see: KR9450000 ETHYLAMINE, 2,2'-((5,5-NONYLIDENE)DITHIO)BIS-
2,2'-((5,5-NONYLIDENE)DITHIO)BIS(1-PROPYLAMINE) see: UI4400000 1-PROPYLAMINE, 2,2'-((5,5-NONYLIDENE)DITHIO)BIS-
NONYL METHYL KETONE see: YQ2820000
m-NONYLOXYCARBANILIC ACID 2-(DIMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: FD9771000
o-(NONYLOXY)CARBANILIC ACID 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER HYDROCHLORIDE see: FD9772100 CARBANILIC ACID, o-(NONYLOXY)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER,HYDROCHLORIDE
o-NONYLOXYCARBANILIC ACID 2-PIPERIDINOETHYL ESTER HYDROCHLORIDE see: FD9772300
o-(NONYLOXY)CARBANILIC ACID 3-PIPERIDINOPROPYL ESTER HYDROCHLORIDE see: FD9772400CARBANILIC ACID, o-(NONYLOXY)-, 3-PIPERIDINOPROPYL ESTER, HYDROCHLORIDE
N-(2-(2-NONYLOXYPHENYLCARBAMOYLOXY)ETHYL)PIPERIDINIUM CHLORIDE see: FD9772300
NONYL PHENOL (mixed isomers) see: SM5600000
NONYLPHENOL, POLYOXYETHYLENE ETHER see: MD0900000
NONYLPHENOXYPOLYETHYLENEOXY ETHANOL-IODINE COMPLEX see: KL9625000
NONYL PHENYL POLYETHYLENE GLYCOL see: MD0900000
NONYL PHENYL POLYETHYLENE GLYCOL ETHER see: MD0900000
1-NONYLPIPERAZINE DIHYDROCHLORIDE see: TM2475000
3-NONYLPYRAZOLE see: UQ7887000
NONYLTRICHLOROSILANE see: VV4660000
NONYL TRICHLOROSILANE (DOT) see: VV4660000
2-NONYNAL DIMETHYLACETAL see: RB3384000

RB3384000 2-NONYNAL, DIMETHYL ACETAL
UPDT:8401 CAS: 13257-44-8 MW: 168.31 MOLFM: C11-H20-O
SYN: 2-NONYNAL DIMETHYLACETAL * 2-NONYN-1-AL DIMETHYLACETAL * PARMAVERT
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),779,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
2-NONYN-1-AL DIMETHYLACETAL see: RB3384000

RB3450000 2-NONYNOIC ACID, METHYL ESTER
UPDT:8305 CAS: 111-80-6 MW: 168.26 MOLFM: C10-H16-O2
SYN: METHYL 2-NONYNOATE * METHYL OCTINE CARBONATE * METHYL OCTYNE CARBONATE * OCTYNECARBOXYLIC ACID, METHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2220 mg/kg FCTXAV 13,871,75
* skn-rbt LD50:5000 mg/kg FCTXAV 13,871,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
NOOTRON see: UX9660500
NOOTROPIL see: UX9660500
NOOTROPYL see: UX9660500
No. 156 ORANGE CHROME see: OF9800000
4-NOP see: ST2975000
NO-Pip see: TN2100000
NO-Pro see: TW3680000
NO-Pyr see: UY1575000
NOPALCOL 1-0 see: MD0880000
NOPALCOL 4-0 see: TQ9100000
NOPALCOL 6-0 see: MD0880000
NOPALMATE see: TT1255000
NOPCOCCIDE see: BO7525000
NOPCOCIDE see: NT2600000
NOPCOCIDE N-96 see: NT2600000
NOPCOCIDE N40D & N96 see: NT2600000
4-NOPD see: ST2975000
NO-PEST see: TC0350000
NO-PEST STRIP see: TC0350000
NOPIL see: UV8240000
NOPINEN see: DT5077000
NOPINENE see: DT5077000
NOPLEN FL 6314 see: UD1842000
NOPOL see: RC8870000
NOPOL ACETATE see: RC8880000
NOPOL (POLYMER) see: TQ3325000
NOPOL (TERPENE) see: RC8870000
NOPOXAMINE see: YE1695000
NOPOXAMINE CITRATE see: YE1694000
NOPTIL see: CQ6825000
NOPYL ACETATE see: RC8880000
NORACYCLINE see: RC8964500
(-)-NORADREC see: DN5950000
NORADRENALIN see: DN5950000
NORADRENALINA (Italian) see: DN5950000
NORADRENALINE see: DN5950000
(-)-NORADRENALINE see: DN5950000
D-(-)-NORADRENALINE see: DN5950000
NORADRENLINE see: DN5950000
l-NORADRENALINE see: DN5950000
NORADRENALINE ACID TARTRATE see: DN6750000
(-)-NORADRENALINE ACID TARTRATE see: DN67500C0
NORADRENALINE BITARTRATE see: DN6750000
(-)-NORADRENALINE BITARTRATE see: DN6750000
l-NORADRENALINE BITARTRATE see: DN6750000
L-NORADRENALINE BITARTRATE see: DN6750000
(-)-NORADRENALINE BITARTRATE MONOHYDRATE see: DN6750000
NORADRENALINE HYDROCHLORIDE see: DN6475000
(+-)-NORADRENALINE HYDROCHLORIDE see: DN6650000
dl-NORADRENALINE HYDROCHLORIDE see: DN6650000
NORADRENALINE HYDROGEN TARTRATE see: DN6750000
NORADRENALINE, TARTRATE (1:1) see: DN6750000
NORADRENALINE TARTRATE see: DN6750000
l-NORADRENALINE TARTRATE see: DN6750000
(-)-NORADRENALINE TARTRATE see: DN6750000
NOR-ADRENALIN HYDROCHLORIDE see: DN6475000
NORADRIN see: SH5075000
NORAL ALUMINUM see: BD0330000
NORAL EXTRA FINE LINING GRADE see: BD0330000
NORAL INK GRADE ALUMINUM see: BD0330000
NORAL NON-LEAFING GRADE see: BD0330000
NOR-AM EP 332 see: FC2800000
NOR-AM EP 333 see: LQ4550000
NORAMIDOPYRINE see: CD2995850
NORAMIDOPYRINE METHANESULFONATE SODIUM see: PB1300000
NORAMINOPYRINE see: CD2995850
NORAMINOPYRINE METHANESULFONATE SODIUM see: PB1300000
NORAMITRIPTYLINE see: HO9800000
NORAM 0 see: RG4130000
NORANDROLONE PHENYLPROPIONATE see: KG7995000
A-NORANDROSTANE-2-alpha,17-alpha-DIETHYNYL-2-beta,17-beta-DIOL see: RC9050000

RB5876700 A-NORANDROSTANE-2-beta,17-beta-DIOL, 2-alpha-ETHYNYL-17-alpha-METHYL-
UPDT:8302 MW: 312.49 MOLFM: C21-H28-O2
SYN: 2-alpha-ETHYNYL-17-alpha-METHYL-A-NORANDROSTANE-2-beta,17-beta-DIOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T22T26 par-rat TDLo:2500 ug/kg (1D preg) STEDAM 4,657,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
NORANDROSTENOLON see: KG7964000
NORANDROSTENOLONE see: KG7964000
19-NORANDROSTENOLONE see: KG7964000
NORANDROSTENOLONE DECANOATE see: KG7967000
19-NORANDROSTENOLONE DECANOATE see: KG7967000
NORANDROSTENOLONE PHENYLPROPIONATE see: KG7995000

RB5690000 B-NORANDROST-4-EN-3-ONE, 17-beta-HYDROXY-17-METHYL-
UPDT:8405 CAS: 3570-10-3 MW: 288.47 MOLFM: C19-H28-O2
SYN: BENORTERONE * BENOTERONE * 17-beta-HYDROXY-17-METHYL-B-NORANDROST-4-EN-3-ONE * 17-alpha-METHYL-B-NORTESTOSTERONE * B-NORANDROST-4-EN-3-ONE, 17-HYDROXY-17-METHYL-, (17-beta)- (9CI) * SKF 7690 * SK&F 7690
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T03T09T23 orl-mus TDLo:17500 mg/kg (35D male) ENDOAO 85,960,69
1T01 scu-rbt TDLo:700 mg/kg (7D male) BIREBV 11,56,74
1T23 par-ham TDLo:2400 mg/kg (12D male) JRPFA4 34,331,73
1T01 par-ham TDLo:4800 mg/kg (12D male) JRPFA4 34,331,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
B-NORANDROST-4-EN-3-ONE, 17-HYDROXY-17-METHYL-, (17-beta)- (9CI) see: RB5890000

RB5916000 NORAPORPHINE, 6-(CYCLOPROPYLMETHYL)-1,2-DIMETHOXY-
UPDT:8312 CAS: 35936-71-1 MW: 334.47 MOLFM: C22-H24-N-O2
SYN: 6-(CYCLOPROPYLMETHYL)-1,2-DIMETHOXYNORAPORPHINE * N-CYCLOPROPYLMETHYLNORNUCIFERINE * 4H-DIBENZO(de,g)QUINOLINE, 6-(CYCLOPROPYLMETHYL)-5,6,6a,7-TETRAHYDRO-1,2-DIMETHOXY- (9CI)
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:129 mg/kg JPMSAE 61,813,72

RB5916300 NORAPORPHINE, 1,2-DIMETHOXY-
UPDT:8312 CAS: 54750-04-8 MW: 281.38 MOLFM: C18-H19-N-O2

SYN: 4H-DIBENZO(de,g)QUINOLINE, 5,6,6a,7-TETRAHYDRO-1,2-DIMETHOXY-, (+-)- (9CI) * 1,2-DIMETHOXYNORAPORPHINE * dl-NORNUCIFERINE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:91 mg/kg JPMSAE 61,813,72

RB5916600 NORAPORPHINE, 1,2-DIMETHOXY-6-ETHYL-
UPDT:8312 MW:309.44 MOLFM:C20-H23-N-O2
SYN: 1,2-DIMETHOXY-6-ETHYLNORAPORPHINE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:90 mg/kg JPMSAE 61,813,72

RB5917000 NORAPORPHINE, 1,2-DIMETHOXY-6-PROPYL-
UPDT:8312 CAS:40285-10-7 MW:323.47 MOLFM:C21-H25-N-O2
SYN: 4H-DIBENZO(de,g)QUINOLINE, 5,6,6a,7-TETRAHYDRO-1,2-DIMETHOXY-6-PROPYL- * 1,2-DIMETHOXY-6-PROPYLNORAPORPHINE * N-n-PROPYLNORNUCIFERINE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:275 mg/kg JPMSAE 61,813,72

RB5917500 NORAPORPHINE-10,11-DIOL, 6-ALLYL-, DIMER, HYDROCHLORIDE
UPDT:8312 CAS:61567-83-7 MOLFM:(C19-H19-N-O2)2 xCl-H
SYN: 6-ALLYL-NORAPORPHINE-10,11-DIOL DIMER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:56 mg/kg JPMSAE 65,1682,76

RB5938000 NORAPORPHINE-10,11-DIOL, 6-ETHYL-, DIMER HYDROCHLORIDE
UPDT:8312 CAS:61567-87-1 MOLFM:(C18-H19-N-O2)2 xCl-H
SYN: 6-ETHYLNORAPORPHINE-10,11-DIOL DIMER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg JPMSAE 65,1682,76

6a-beta-NORAPORPHINE-10,11-DIOL, 6-METHYL-, HYDROCHLORIDE see: HQ1750000

RB5984000 6a-beta-NORAPORPHINE-10,11-DIOL, 6-PROPYL-
UPDT:8412 MW:295.41 MOLFM:C19-H21-N-O2
MUTATION DATA AND REFERENCES:
mmo-sat 30 ug/plate MUREAV 137,17,84
mma-sat 30 ug/plate MUREAV 137,17,84

RB5985000 NORAPORPHINE-10,11-DIOL, 6-PROPYL-, DIACETATE
UPDT:8312 CAS:61389-36-4 MW:379.49 MOLFM:C23-H25-N-O4
SYN: 4H-DIBENZO(de,g)QUINOLINE-10,11-DIOL, 5,6,6a,7-TETRAHYDRO-6-PROPYL-, DIACETATE (ester) * 6-PROPYLNORAPORPHINE-10,11-DIOL DIACETATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:50 mg/kg JPMSAE 65,1682,76

RB5986000 NORAPORPHINE-10,11-DIOL, 6-PROPYL-, DIMER HYDROCHLORIDE
UPDT:8312 CAS:61567-85-9 MOLFM:(C19-H12-N-O2)2 xCl-H
SYN: 6-PROPYLNORAPORPHINE-10,11-DIOL DIMER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:36 mg/kg JPMSAE 65,1682,76

RB6000200 6a-alpha-NORAPORPHINE, 1,2,9,10-TETRAMETHOXY-
UPDT:8307 CAS:21848-62-4 MW:341.44 MOLFM:C20-H23-N-O4
SYN: 4H-DIBENZO(de,g)QUINOLINE, 5,6,6a,7-TETRAHYDRO-1,2,9,10-TETRAMETHOXY-, (S)- * NORGLAUCIN * NORGLAUCINE * d-N-NORGLAUCINE * 1,2,9,10-TETRAMETHOXY-6a-alpha-NORAPORPHINE
TOXICITY DATA AND REFERENCES:
3G10H02J30 orl-mus LD50:450 mg/kg APFRAD 38,537,80
3G10H02J30 ipr-mus LD50:170 mg/kg APFRAD 38,537,80
3G10H02J30 ivn-mus LD50:90 mg/kg APFRAD 38,537,80

RB6006000 NORAPORPHIN-1-OL, 6-ETHYL-2-METHOXY-
UPDT:8312 MW:308.43 MOLFM:C20-H22-N-O2
SYN: 6-ETHYL-2-METHOXYNORAPORPHIN-1-OL * 1-HYDROXY-2-METHOXY-N-ETHYLNORAPORPHINE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:84 mg/kg JPMSAE 61,813,72

RB6009000 NORAPORPHIN-1-OL, 2-METHOXY-
UPDT:8312 CAS:6899-64-5 MW:280.37 MOLFM:C18-H18-N-O2
SYN: 4H-DIBENZO(de,g)QUINOLIN-1-OL, 5,6,6a,7-TETRAHYDRO-2-METHOXY- * 1-HYDROXY-2-METHOXYNORAPORPHINE * 2-METHOXYNORAPORPHIN-1-OL
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:132 mg/kg JPMSAE 61,813,72

NORARTRINAL see: DN5950000
NORBILAN see: DO4565000
NORBOLETHONE see: JF7972000
DL-NORBOLETHONE see: JF7972000
NORBORAL see: YS4200000
NORBORMIDE see: RB8750000

RB6535000 NORBORNADIENE
UPDT:8406 CAS:121-46-0 MW:92.15 MOLFM:C7-H8
SYN: BICYCLO(2.2.1)HEPTADIENE * 2,5-NORBORNADIENE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:890 mg/kg SHELL*
ipr-rat LD50:890 mg/kg SCCUR* -,1,61
orl-mus LD50:3850 mg/kg SCCUR* -,1,61
* ivn-mus LD50:56 mg/kg CSLNX* NX#04158
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2,5-NORBORNADIENE see: RB6535000

RB6549000 2-NORBORNANAMINE, N-BUTYL-2,3,3-TRIMETHYL-
UPDT:8404 MW:209.42 MOLFM:C14-H27-N
SYN: N-BUTYL-2,3,3-TRIMETHYL-2-NORBORNANAMINE
TOXICITY DATA AND REFERENCES:
2C0BE05 ivn-mam LD50:2500 ug/kg JMPCAS 5,665,62

RB6825000 2-NORBORNANAMINE, N-ETHYL-3-PHENYL-, HYDROCHLORIDE
UPDT:8403 CAS:2240-14-4 MW:251.83 MOLFM:C15-H21-N.Cl-H
SYN: 2-AETHYLAMINO-3-PHENYL-NOR-CAMPHAN (German) * 2-ETHYLAMINO-3-PHENYL-NORCAMPHANE HYDROCHLORIDE * FENCAMFAMINE HYDROCHLORIDE * H 610 * NORCAMPHANE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:83 mg/kg JOPDAB 69,663,66
scu-rat LD50:69 mg/kg ARZNAD 11,20,61
ivn-rat LD50:24 mg/kg ARZNAD 11,20,61
orl-mus LD50:135 mg/kg ARZNAD 11,20,61
scu-mus LD50:86 mg/kg ARZNAD 11,20,61
ivn-mus LD50:16 mg/kg ARZNAD 11,20,61
orl-dog LD50:30 mg/kg ARZNAD 11,20,61
ivn-dog LD50:15 mg/kg ARZNAD 11,20,61
orl-cat LD50:34 mg/kg ARZNAD 11,20,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RB6945170 NORBORNANE, 2-AMINO-3,3-DIMETHYL-, HYDROCHLORIDE
UPDT:8311 MW:175.73 MOLFM:C9-H17-N.Cl-H
SYN: 2-AMINO-3,3-DIMETHYLNORBORNANE HYDROCHLORIDE * ASA 214/6
TOXICITY DATA AND REFERENCES:
2E05H02 ipr-mus LD50:113 mg/kg EXPEAM 14,222,58

RB6962600 2-NORBORNANECARBONITRILE, 5(or 6)-CHLORO-6(or 5)-OXO-, O-(METHYLCARBAMOYL)OXIME
UPDT:8401 CAS:28213-87-8 MW:241.70 MOLFM:C10-H12-Cl-N3-O2
SYN: ENT 25,962 * UC 20047 * UNION CARBIDE UC 20047
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:24 mg/kg ARSIM* 20,25,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RB6965800 1-NORBORNANECARBOXALDEHYDE, 7,7-DIMETHYL-2-OXO-
UPDT:8307 CAS:6004-71-3 MW:166.24 MOLFM:C10-H14-O2
SYN: APOCAMPHOR-1-CARBOXALDEHYDE * BICYCLO(2.2.1)HEPTANE-1-CARBOXALDEHYDE, 7,7-DIMETHYL-2-OXO- (9CI) * CAMPHENAL * NICHICAMPHER * OXOCAMPHOR * beta-OXOCAMPHOR * 10-OXOCAMPHOR
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:290 mg/kg NIIRDN 6,21,82

RB6966000 7-NORBORNANECARBOXALDEHYDE, 1,7-DIMETHYL-2-OXO-, trans-
UPDT:8406 CAS:20231-45-2 MW:166.24 MOLFM:C10-H14-O2
SYN: BICYCLO(2.2.1)HEPTANE-7-CARBOXALDEHYDE, 1,7-DIMETHYL-2-OXO-, anti- (9CI) * trans-pi-OXOCAMPHOR * VITACAMPHER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:28 gm/kg (28D male) OYYAA2 5,789,71
1T12 orl-rat TDLo:22750 mg/kg (26W pre) OYYAA2 5,789,71
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3100 mg/kg NIIRDN 6,514,82
* ipr-rat LD50:890 mg/kg NIIRDN 6,514,82
* scu-rat LD50:1650 mg/kg NIIRDN 6,514,82
* orl-mus LD50:400 mg/kg NIIRDN 6,514,82
* ipr-mus LD50:260 mg/kg NIIRDN 6,514,82
* scu-mus LD50:550 mg/kg NIIRDN 6,514,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RB6975500 1-NORBORNANECARBOXAMIDE, N,N-DIETHYL-7,7-DIMETHYL-2-OXO-
UPDT:8311 CAS:58256-36-3 MW:237.38 MOLFM:C14-H23-N-O2
SYN: BICYCLO(2.2.1)HEPTANE-1-CARBOXAMIDE, N,N-DIETHYL-7,7-DIMETHYL-2-OXO- (9CI) * N,N-DIETHYL-7,7-DIMETHYL-2-OXO-1-NORBORNANECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
1F12 orl-mus LD50:50 mg/kg EJMCA5 10,412,75

RB6978000 1-NORBORNANECARBOXAMIDE, 2-OXO-N,N,7,7-TETRAMETHYL-
UPDT:8311 CAS:58256-35-2 MW:209.32 MOLFM:C12-H19-N-O2
SYN: BICYCLO(2.2.1)HEPTANE-1-CARBOXAMIDE, N,N,7,7-TETRAMETHYL-2-OXO- (9CI) * 2-OXO-N,N,7,7-TETRAMETHYL-1-NORBORNANECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
1F12 orl-mus LD50:400 mg/kg EJMCA5 10,412,75

2-NORBORNANECARBOXYLIC ACID, 5,6-EPOXY-, ETHYL ESTER see: RP5550000

RB7174000 NORBORNANE, 3,3-DIMETHYL-2-(METHYLAMINO)-, HYDROCHLORIDE
UPDT:8311 MW:189.76 MOLFM:C10-H19-N.Cl-H
SYN: ASA 214/1 * 3,3-DIMETHYL-2-(METHYLAMINO)NORBORNANE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2E05H02 orl-mus LD50:290 mg/kg EXPEAM 14,222,58
2E05H02 ipr-mus LD50:105 mg/kg EXPEAM 14,222,58

RB7466000 NORBORNANE, 2-(METHYLAMINO)-, HYDROCHLORIDE
UPDT:8311 MW:161.70 MOLFM:C8-H15-N.Cl-H
SYN: ASA 214/3 * 2-(METHYLAMINO)NORBORNANE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1E05 ipr-mus LD50:352 mg/kg EXPEAM 14,222,58

RB7466500 NORBORNANE, 2-(METHYLAMINO)-1,3,3-TRIMETHYL-, HYDROCHLORIDE
UPDT:8311 MW:203.79 MOLFM:C11-H21-N.Cl-H
SYN: ASA 215 * 2-(METHYLAMINO)-1,3,3-TRIMETHYLNORBORNANE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2E05H02 orl-mus LD50:142 mg/kg EXPEAM 14,222,58
2E05H02 ipr-mus LD50:51 mg/kg EXPEAM 14,222,58

RB7466510 NORBORNANE, 2-(METHYLAMINO)-2,3,3-TRIMETHYL-, HYDROCHLORIDE
UPDT:8311 MW:203.79 MOLFM:C11-H21-N.Cl-H
SYN: ASA 185/13 * 2-(METHYLAMINO)-2,3,3-TRIMETHYLNORBORNANE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2E05H02 orl-mus LD50:92 mg/kg EXPEAM 14,222,58
2E05H02 ipr-mus LD50:39 mg/kg EXPEAM 14,222,58

RB7565000 2-NORBORNANOL, 3-((DIMETHYLAMINO)METHYL)-2-PHENYL-, (2-endo,3-exo)-
UPDT:8306 CAS:30788-80-8 MW:245.40 MOLFM:C16-H23-N-O
SYN: BICYCLO(2.2.1)HEPTAN-2-OL, 3-((DIMETHYLAMINO)METHYL)-2-PHENYL-, (2-endo,3-exo)- (9CI) * (2-endo-3-exo)-3-((DIMETHYLAMINO)METHYL)-2-PHENYL-2-NORBORNANOL * 2-exo-HYDROXY-2-endo-PHENYL-3-exo-DIMETHYL-AMINOMETHYLNORBORNANE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg JMCMAR 15,593,72

RB7565500 2-NORBORNANOL, 3-((DIMETHYLAMINO)METHYL)-2-PHENYL-, ACETATE (ester), (2-endo,3-exo)-
UPDT:8306 CAS:37092-92-5 MW:287.44 MOLFM:C18-H25-N-O2
SYN: 2-exo-ACETOXY-2-endo-PHENYL-3-exo-DIMETHYLAMINOMETHYLNORBORNANE * BICYCLO(2.2.1)HEPTAN-2-OL, 3-((DIMETHYLAMINO)METHYL)-2-PHENYL-, ACETATE, (2-endo,3-exo)- * (2-endo,3-exo)-3-((DIMETHYLAMINO)METHYL)-2-PHENYL-2-NORBORNANOL ACETATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg JMCMAR 15,593,72

RB7650000 2-NORBORNANOL, 1,3,3-TRIMETHYL-, (-)-endo-
UPDT:8305 CAS:512-13-0 MW:154.28 MOLFM:C10-H18-O
SYN: BICYCLO(2.2.1)HEPTAN-2-OL, 1,3,3-TRIMETHYL-, (1R-endo)- * alpha-FENCHOL * endo-FENCHOL * alpha-FENCHYL ALCOHOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,775,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RB7660000 2-NORBORNANOL, 1,3,3-TRIMETHYL-, ACETATE
UPDT:8305 CAS:13851-11-1 MW:195.31 MOLFM:C12-H19-O2
SYN: FENCHYL ACETATE * 1,3,3-TRIMETHYL-2-NORBORNANYL ACETATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,773,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RB7700000 2-NORBORNANONE, endo-3-CHLORO-exo-6-CYANO-, O-(METHYLCARBAMOYL)OXIME
UPDT:8403 CAS:15271-41-7 MW:241.70 MOLFM:C10-H12-Cl-N3-O2
SYN: BICYCLO(2.2.1)HEPTANE-2-CARBONITRILE, 5-CHLORO-6-((((METHYLAMINO)CARBONYL)OXY)IMINO)- * endo-3-CHLORO-exo-6-CYANO-2-NORBORNANONE O-(METHYLCARBAMOYL)OXIME * 2-exo-CHLORO-6-endo-CYANO-2-NORBORNANONE O-(METHYLCARBAMOYL)OXIME * 3-CHLORO-6-CYANO-2-NORBORNANONE-O-(METHYLCARBAMOYL)OXIME * 3-CHLORO-6-CYANONORBORNANONE-2 OXIME O,N-METHYLCARBAMATE * 5-CHLORO-6-((((METHYLAMINO)CARBONYL)OXY)IMINO)BICYCLO(2.2.1)HEPTANE-2-CARBONITRILE * exo-5-CHLORO-6-OXO-endo-2-NORBORNANECARBONITRILE O-(METHYLCARBAMOYL)OXIME * COMPOUND UC-20047 A * ENT 25,962 * TRANID * UC 20047 * UC 26089 * UC 20,047A * UNION CARBIDE UC 20047
TOXICITY DATA AND REFERENCES:
orl-rat LD50:19 mg/kg TXAPA9 14,515,69
skn-rat LD50:303 mg/kg WRPCA2 9,119,70
unk-rat LD50:26 mg/kg 30ZDA9 -,198,71
skn-rbt LDLo:303 mg/kg BESAAT 12,161,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RB7780000 2-NORBORNANONE, 3-METHYL-3-NITRO-, O-(METHYLCARBAMOYL)OXIME
UPDT:8309 CAS:20417-92-9 MW:241.28 MOLFM:C10-H15-N3-O4
SYN: BICYCLO(2.2.1)HEPTAN-2-ONE, 3-METHYL-3-NITRO-, O-((METHYLAMINO)CARBONYL)OXIME * ENT 27,301 * 3-METHYL-3-NITROBICYCLO(2.2.1)HEPTAN-2-ONE O-((METHYLAMINO)CARBONYL)OXIME * UC-22878 * UNION CARBIDE UC-22878
TOXICITY DATA AND REFERENCES:
orl-rat LD50:24 mg/kg ARSIM* 20,25,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RB7875000 2-NORBORNANONE, 1,3,3-TRIMETHYL-
UPDT:8305 CAS: 1195-79-5 MW: 152.26 MOLFM: C10-H16-O
SYN: FENCHON (German) * FENCHONE * 1,3,3-TRIMETHYL-2-NORBORNANONE * 1,3,3-TRIMETHYL-2-NORCAMPHANONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,769,76
TOXICITY DATA AND REFERENCES:
3D07D35F07 orl-rat LD50:4400 mg/kg FCTXAV 2,327,64
scu-mus LDLo:2100 mg/kg AEXPBL 50,199,1903
scu-frg LDLo:650 mg/kg AEXPBL 50,199,1903
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RB7875200 2-NORBORNANONE, 1,3,3-TRIMETHYL-, (1R,4S)-(+)-
UPDT:8405 CAS: 4695-62-9 MW: 152.26 MOLFM: C10-H16-O
SYN: BICYCLO(2.2.1)HEPTAN-2-ONE, 1,3,3-TRIMETHYL-, (1R)- (9CI) * (+)-FENCHONE * D(+)-FENCHONE * d-FENCHONE * 1,3,3-TRIMETHYLBICYCLO(2.2.1)HEPTAN-2-ONE * d-1,3,3-TRIMETHYL-2-NORBORNANONE * d-1,3,3-TRIMETHYL-2-NORCAMPHANONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6160 mg/kg MEIEDD 10,571,83

RB8225000 5-NORBORNENE-2,3-DICARBONYL CHLORIDE, trans-
UPDT:8307 CAS: 4582-21-2 MW: 219.07 MOLFM: C9-H8-Cl2-O2
SYN: trans-BICYCLO(2.2.1)HEPT-5-ENYL-2,3-DICARBONYLCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1830 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:1000 mg/kg TXAPA9 28,313,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RB8575000 5-NORBORNENE-2,3-DICARBOXIMIDE, N-(2-ETHYLHEXYL)-
UPDT:8309 CAS: 113-48-4 MW: 275.43 MOLFM: C17-H25-N-O2
SYN: BICYCLO(2.2.1)HEPTENE-2-DICARBOXYLIC ACID, 2-ETHYLHEXYLIMIDE * ENDOMETHYLENETETRAHYDROPHTHALIC ACID, N-2-ETHYLHEXYL IMIDE * ENT 8,184 * N-(2-ETHYLHEXYL)BICYCLO-(2,2,1)-HEPT-5-ENE-2,3-DICARBOXIMIDE * N-2-ETHYLHEXYLIMIDE ENDOMETHYLENETETRAHYDROPHTHALIC ACID * N-(2-ETHYLHEXYL)-5-NORBORNENE-2,3-DICARBOXIMIDE * 2-(2-ETHYLHEXYL)-3a,4,7,7a-TETRAHYDRO-4,7-METHANO-1H-ISOINDOLE-1,3(2H)-DIONE * MGK-264 * OCTACIDE 264 * N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE * N-OCTYLBICYCLO-(2.2.1)-5-HEPTENE-2,3-DICARBOXIMIDE * PYRODONE * SYNERGIST 264 * VAN DYK 264
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T22T81 orl-rat TDLo:346 mg/kg (MGN) TXAPA9 9,555,66
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2800 mg/kg FMCHA2 -,C157,83
skn-rat LD50:470 mg/kg 30ZDA9 -,139,71
ipr-mus LDLo:512 mg/kg CBCCT* 2,60,50
skn-rbt LD50:470 mg/kg SPEADM 78-1,5,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RB8630000 5-NORBORNENE-2,3-DICARBOXIMIDE, 1,4,5,6,7,7-HEXACHLORO-
UPDT:8309 CAS: 6889-41-4 MW: 369.83 MOLFM: C9-H3-Cl6-N-O2
SYN: CHLORENDIC IMIDE * 1,4,5,6,7,7-HEXACHLOROBICYCLO(2.2.1)HEPTENE-2,3-DICARBOXIMIDE * 1,4,5,6,7,7-HEXACHLORO-5-NORBORNENE-2,3-DICARBOXIMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2300 mg/kg GTPZAB 26(4),49,82
* orl-mus LD50:2400 mg/kg GTPZAB 26(4),49,82
* ivn-mus LD50:320 mg/kg CSLNX* NX#00789

RB8750000 5-NORBORNENE-2,3-DICARBOXIMIDE, 5-(alpha-HYDROXY-alpha-2-PYRIDYLBENZYL)-7-(alpha-2- PYRIDYLBENZYLIDENE)-
UPDT:8312 CAS: 991-42-4 MW: 511.61 MOLFM: C33-H25-N3-O3
SYN: COMPOUND S-6,999 * ENT 51,762 * MCN 1025 * NORBORMIDE * RATICATE * S-6,999 * SHOXIN
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5300 ug/kg JMCMAR 9,537,66
3G04G08J25 ivn-rat LDLo:250 ug/kg EJPHAZ 16,117,71
orl-mus LD50:2250 mg/kg 28ZEAL 5,167,76
orl-ham LD50:140 mg/kg 31ZOAD 1,323,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RB8870000 5-NORBORNENE-2,3-DICARBOXIMIDE, 5-(alpha-HYDROXY-alpha-2-PYRIDYLBENZYL)-7-(alpha-2- PYRIDYLBENZYLIDENE)-N-(2-PYRIDYLMETHYL)-, endo-
UPDT:8308 CAS: 5014-11-9 MW: 602.73 MOLFM: C39-H30-N4-O3
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5200 ug/kg JMCMAR 9,537,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

cis-5-NORBORNENE-2,3-DICARBOXYLIC ACID DIMETHYL ESTER see: RB8925000

RB8925000 5-NORBORNENE-2,3-DICARBOXYLIC ACID, DIMETHYL ESTER, cis-
UPDT:8403 CAS: 5826-73-3 MW: 210.25 MOLFM: C11-H14-O4
SYN: cis-BICYCLO(2.2.1)HEPT-5-ENE-2,3-DICARBOXYLIC ACID, DIMETHYL ESTER * cis-BICYCLO(2.2.1-HEPTENE-2,3-DICARBOXYLIC ACID) METHYL ESTER * COMPOUND 3916 * DIMALONE * DIMELONE * DIMETHYL cis-BICYCLO(2,2,1)-5-HEPTENE-2,3-DICARBOXYLATE * DIMETHYL CARBATE * (endo,endo)-BICYCLO(2.2.1)HEPT-5-ENE-2,3-DICARBOXYLIC ACID DIMETHYL ESTER * cis-3,6-ENDOMETHYLENE-delta(sup 4)-TETRAHYDROPHTHALIC ACID DIMETHYL ESTER * MISY * cis-5-NORBORNENE-2,3-DICARBOXYLIC ACID DIMETHYL ESTER
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1000 mg/kg GUCHAZ 6,211,73
orl-mus LD50:1400 mg/kg JPETAB 93,26,48

RB9000000 5-NORBORNENE-2,3-DICARBOXYLIC ACID, 1,4,5,6,7,7-HEXACHLORO-
UPDT:8412 CAS: 115-28-6 MW: 388.83 MOLFM: C9-H4-Cl6-O4
SYN: CHLORENDIC ACID * KYSELINA 3,6-ENDOMETHYLEN-3,4,5,6,7,7-HEXACHLOR-delta(sup 4)-TETRAHYDROFTALOVA (Czech) * KYSELINA HET (CZECH) * NCI-C55072
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1770 mg/kg 28ZPAK -,92,72
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

RB9100000 5-NORBORNENE-2,3-DICARBOXYLIC ANHYDRIDE, METHYL-
UPDT:8306 CAS: 25134-21-8 MW: 178.20 MOLFM: C10-H10-O3
SYN: METHYLBICYCLO(2.2.1)HEPTENE-2,3-DICARBOXYLIC ANHYDRIDE ISOMERS * NADIC METHYL ANHYDRIDE * NMA
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:100 mg/kg NTIS** AD441-640
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0282-0431

RB9275000 5-NORBORNENE-2,3-DIMETHANOL, 1,4,5,6,7,7-HEXACHLORO-, CYCLIC SULFITE
UPDT:8412 CAS: 115-29-7 MW: 406.91 MOLFM: C9-H6-Cl6-O3-S
SYN: BENZOEPIN * BEOSIT * BIO 5,462 * CHLORTHIEPIN * CRISULFAN * CYCLODAN * DEVISULPHAN * ENDOCEL * ENDOSOL * ENDOSULFAN * ENDOSULFAN (DOT) * ENDOSULPHAN * ENSURE * ENT 23,979 * FMC 5462 * alpha,beta-1,2,3,4,7,7-HEXACHLOROBICYCLO(2.2.1)-2-HEPTENE-5,6-BISOXYMETHYLENE SULFITE * 1,2,3,4,7,7-HEXACHLOROBICYCLO(2.2.1)HEPTEN-5,6-BIOXYMETHYLENESULFITE * HEXACHLOROHEXAHYDROMETHANO 2,4,3-BENZODIOXATHIEPIN-3-OXIDE * 6,7,8,9,10,10-HEXACHLORO-1,5,5a,6,9,9a-HEXAHYDRO-6,9-METHANO-2,4,3-BENZODIOXATHIEPIN-3-OXIDE * 1,4,5,6,7,7-HEXACHLORO-5-NORBORNENE-2,3-DIMETHANOL cyclic SULFITE * HILDAN * HOE 2,671 * INSECTOPHENE * KOP-THIODAN * MALIX * NA 2761 (DOT) * NCI-C00566 * NIA 5462 * NIAGARA 5,462 * OMS 570 * RCRA WASTE NUMBER P050 * SULFUROUS ACID, cyclic ester with 1,4,5,6,7,7-HEXACHLORO-5-NORBORNENE-2,3-DIMETHANOL * THIFOR * THIMUL * THIODAN * THIOFOR * THIOMUL * THIONEX * THIOSULFAN * THIOSULFAN TIONEL * TIOVEL
MUTATION DATA AND REFERENCES:
sln-dmg-orl 200 ppm/48H MUREAV 136,115,84
sce-hmn:lym 1 umol/L ARTODN 52,221,83
cyt-mus-unk 1 mg/kg TGANAK 16(1),45,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T46 orl-rat TDLo:45 mg/kg (6-14D preg) APTOA6 42,150,78
2T02T09 orl-rat TDLo:600 mg/kg (60D male) TOLED5 18(Suppl 1),139,83
TUMORIGENIC DATA AND REFERENCES:
2V02J60 orl-mus TDLo:330 mg/kg/78W-I NTIS** PB223-159
3V03J60L60 scu-mus TDLo:2 mg/kg NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
orl-rat LD50:18 mg/kg ARSIM* 20,9,66
* ihl-rat LC50:80 mg/m3/4H JOCMA7 9,35,67
skn-rat LD50:74 mg/kg WRPCA2 9,119,70
3F17K13K31 ipr-rat LD50:8 mg/kg RREVAH 22,1,68
unk-rat LD50:40 mg/kg 30ZDA9 -,267,71
2F07F11 orl-mus LD50:7360 ug/kg TOLED5 7,221,81
ipr-mus LD50:7 mg/kg BECTA6 15,708,76
* unk-mus LD50:32 mg/kg TGANAK 16(1),45,82
orl-cat LD50:2 mg/kg 85DPAN -,-,71/76
2D35R02 skn-rbt LD50:90 mg/kg JOCMA7 9,35,67
3F17K13K31 scu-rbt LD50:360 mg/kg RREVAH 22,1,68
orl-ham LD50:118 mg/kg EJTXAZ 7,159,74
* orl-dck LD50:33 mg/kg DOEAAH 35,25,79
orl-bwd LD50:35 mg/kg TXAPA9 21,315,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DTTIAF 80(20),485,73; RREVAH 56,107,75; TXCYAC 13,115,79
★ TLV-TWA 100 ug/m3; STEL 300 ug/m3 (skin) DTLVS* 4,165,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ DOT-HAZARD:POISON B; LABEL:POISON, liquid CFRGBR 49,172.101,82
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE,RAT (NCITR* NCI-CG-TR-62,77)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RB9450000 2-NORBORNENE, 5-ETHYLIDENE-
UPDT:8307 CAS: 16219-75-3 MW: 120.21 MOLFM: C9-H12
SYN: 5-ETHYLIDENEBICYCLO(2.2.1)HEPT-2-ENE * 5-ETHYLIDENE-2-NORBORNENE
IRRITATION DATA AND REFERENCES:
skn-rbt 445 mg open MLD UCDS** 11/28/67
TOXICITY DATA AND REFERENCES:
3D07D23D30 ihl-hmn TCLo:6 ppm/30M TXAPA9 20,250,71
* orl-rat LD50:2527 mg/kg AIHAAP 30,470,69
ihl-rat LC50:4000 ppm/4H AIHAAP 30,470,69
ihl-rat LC50:1246 ppm/4H TXAPA9 20,250,71
ihl-mus LC50:732 ppm/4H TXAPA9 20,250,71
ihl-rbt LC50:3104 ppm/4H TXAPA9 20,250,71
* skn-rbt LD50:8189 mg/kg AIHAAP 30,470,69
ihl-gpg LC50:2896 ppm/4H TXAPA9 20,250,71
REVIEW AND REFERENCES:
★ TLV-CL 5 ppm DTLVS* 4,188,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

5-NORBORNENE-2-METHANOL, ACRYLATE see: AT3850000
5-NORBORNENE-2-METHANOL, alpha-PHENYL-alpha-(2-PIPERIDINOETHYL)- see: TN3675000
5-NORBORNENE-2-METHYLOLACRYLATE see: AT3850000

RC0350000 2-NORBORNENE, 5-VINYL-
UPDT:8307 CAS: 3048-64-4 MW: 120.21 MOLFM: C9-H12
SYN: BICYCLO(2.2.1)HEPT-2-ENE, 5-ETHENYL- * VINYLNORBORNENE * 2-VINYLNORBORNENE * 5-VINYLNORBORNENE * 5-VINYL-2-NORBORNENE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4365 mg/kg AIHAAP 30,470,69
ihl-rat LCLo:4000 ppm/4H AIHAAP 30,470,69
* orl-mus LD50:5667 mg/kg GTPZAB 18(10),52,74
* ihl-mus LC50:18 ug/m3 GTPZAB 18(10),52,74
* skn-rbt LD50:13372 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

alpha-5-NORBORNEN-2-YL-alpha-PHENYL-PIPERIDINE PROPANOL HYDROCHLORIDE see: TN3700000
2-NORBORNYL ACRYLATE see: AT4025000
NORCAMPHANE see: RB6825000
NORCAMPHOR, 1,7,7-TRIMETHYL- see: EX1225000

RC0810000 19-NORCARDA-1,3,5(10)-TRIENOLIDE, 3-METHOXY-11-OXO-
UPDT:8401 MW: 368.51 MOLFM: C23-H28-O4
SYN: 3-METHOXY-11-OXO-19-NORCARDA-1,3,5(10)-TRIENOLIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:5 mg/kg (1D pre) 13OPAL -,37,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3-NORCARENE, 3,7,7-TRIMETHYL- see: FH8400000
NORCASSAMIDINE see: SF7325000
NORCODEINE, N-METHYL- see: QD0893000
NORCORALYDINE CITRATE see: DR9810000
NORCOZINE see: SO1750000

RC1250000 20-NORCROTALANAN-11,15-DIONE, 3,8-DIDEHYDRO-14,19-DIHYDRO-12,13-DIHYDROXY-, (13-alpha,14- alpha)-
UPDT:8401 CAS: 23291-96-5 MW: 323.38 MOLFM: C16-H21-N-O6
SYN: DEHYDROMONOCROTALINE * MONOCROTALINE, 3,8-DIDEHYDRO-
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:1504 mg/kg/47W-I CALEDQ 17,61,82
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:16 mg/kg CBINA8 12,299,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC1260000 20-NORCROTALANAN-11,15-DIONE, 14,19-DIHYDRO-13-(ACETYLOXY)-12-HYDROXY-, HYDROCHLORIDE, (13-alpha,14-alpha)-
UPDT:8402 CAS: 520-55-8 MW: 403.90 MOLFM: C18-H25-N-O7 .Cl-H
SYN: SERICINE HYDROCHLORIDE * SPECTABILINE HYDROCHLORIDE * SPECTABILINE (SENECIO) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3H30J16P01 ipr-rat LD50:220 mg/kg FRBGAT 9,142,68

RC1290000 20-NORCROTALANAN-11,15-DIONE, 14,19-DIHYDRO-12,13-DIHYDROXY-, HYDROCHLORIDE, (13-alpha, 14-alpha)-
UPDT:8412 MW: 361.86 MOLFM: C16-H23-N-O6 Cl-H
SYN: MONOCROTALINE, HYDROCHLORIDE * MONOCROTALIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3H30J16P01 ipr-rat LD50:175 mg/kg FRBGAT 9,142,68

RC1295000 20-NORCROTALANAN-11,15-DIONE, 14,19-DIHYDRO-12,13-DIHYDROXY-, 4-OXIDE, (13-alpha,14-alpha)-
UPDT:8412 CAS: 35337-98-5 MOLFM: C16-H28-N-O7
SYN: MONOCROTALINE N-OXIDE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:25 mg/kg JPBAA7 78,471,59
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

RC1350000 29-NORDAMMARA-17(20),24-DIEN-21-OIC ACID, 16-(ACETYLOXY)-3,11-DIHYDROXY-, (3-alpha,4-alpha, 8-alpha,9-beta,11-alpha,13-alpha,14-beta,16-beta,17Z)-
UPDT:8405 CAS: 6990-06-3 MW: 516.79 MOLFM: C31-H48-O6
SYN: FUSIDIC ACID * FUSIDINE * FUZIDIN * RAMYCIN * SQ 16603
MUTATION DATA AND REFERENCES:
cyt-dmg-oth 100 mg/L CLDFAT 2,97,73
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T35 unk-rat TDLo:15 gm/kg (9-14D preg) FATOAO 45,83,82
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg LANCAO 1,928,62
* ipr-mus LD50:165 mg/kg 85GDA2 6,157,81
* scu-mus LD50:1200 mg/kg 85ERAY 3,1959,78
* ivn-mus LD50:180 mg/kg 85GDA2 6,156,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NORDDEUTSCHE 215 see: SZ7640000
NORDEN see: DN7350000
NORDETTE see: JF8300000
NORDHAUSEN ACID (DOT) see: WS5600000
NORDIAZEPAM see: DF1750000
NORDICOL see: KG2975000
NORDICORT see: GM9015000
NORDIOL see: JF8300000
NORDIOL-28 see: JF8300000
NORDOPAN see: YQ8925000
NORDOX see: GL8050000
NOREA see: YT4550000
NORENOL see: DN7250000
NOREPHEDRANE see: SH9450000
NOREPHEDRANE see: SI1750000

RC2275000 NOREPHEDRINE, (-)-
UPDT:8306 CAS: 492-41-1 MW: 151.23 MOLFM: C9-H13-N-O
SYN: 2-AMINO-1-PHENYL-1-PROPANOL * BENZYL ALCOHOL, alpha-(1-AMINOETHYL)- * FENILPROPANOLAMINA (Italian) * MYDRIATIN * PHENYLPROPANOLAMINE * PPA * PROPADRINE * 1-PROPANOL, 2-AMINO-1-PHENYL- * USAF CS-6
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:60 mg/kg TXAPA9 22,138,72
ipr-mus LD50:266 mg/kg TXAPA9 22,138,72
3F12F17J22 orl-rat LD50:1538 mg/kg BCFAAI 109,132,70
3F12F17J22 orl-mus LD50:1060 mg/kg BCFAAI 109,132,70
ipr-mus LD50:200 mg/kg NTIS** AD277-689
* scu-mus LD50:124 mg/kg FEPRA7 4,139,45
ivn-mus LDLo:114 mg/kg CLDND*
unk-mus LDLo:700 mg/kg AEPPAE 153,161,30
ivn-rbt LDLo:75 mg/kg JPETAB 36,363,29
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHREAY 9,389,31
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

NOREPHEDRINE, DEOXY- see: SH9450000

RC2975000 NOREPHEDRINE, HYDROCHLORIDE
UPDT:8408 CAS: 4345-16-8 MW: 187.69 MOLFM: C9-H13-N-O Cl-H
SYN: alpha-(1-AMINOETHYL)BENZYL ALCOHOL HYDROCHLORIDE * 2-AMINO-1-PHENYL-1-PROPANOL HYDROCHLORIDE * MYDRIATINE * PHENYLPROPANOLAMINE HYDROCHLORIDE * PROPADRINE, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2G10J26 orl-wmn TDLo:1 mg/kg JAMAAP 245,601,81
orl-rat LD50:1490 mg/kg TXAPA9 18,185,71
ipr-rat LDLo:175 mg/kg JACSAT 51,2262,29
scu-rat LDLo:350 mg/kg CHREAY 9,389,31
* orl-mus LD50:1443 mg/kg JPMSAE 60,1810,71
ipr-mus LD50:428 mg/kg JPETAB 92,207,48
scu-mus LDLo:700 mg/kg AEPPAE 153,161,30
* ivn-mus LD50:180 mg/kg CSLNX* NX#02746
scu-gpg LDLo:350 mg/kg CRSBAW 106,552,31
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

dl-NOREPHEDRINE HYDROCHLORIDE see: DN4200000
NOREPHEDRINE, N-METHYL- see: KB0700000
NOREPINEPHRINE see: DN5950000
(-)-NOREPINEPHRINE see: DN5950000
L-NOREPINEPHRINE see: DN5950000
l-NOREPINEPHRINE see: DN5950000
(-)-NOREPINEPHRINE BITARTRATE see: DN6750000
l-NOREPINEPHRINE BITARTRATE see: DN6750000
NOREPINEPHRINE HYDROCHLORIDE see: DN6475000
(+ -)-NOREPINEPHRINE HYDROCHLORIDE see: DN6650000
dl-NOREPINEPHRINE HYDROCHLORIDE see: DN6650000
DL-NOREPINEPHRINE HYDROCHLORIDE see: DN6650000
NOREPINEPHRINE TARTRATE see: DN6750000
(-)-NOREPINEPHRINE TARTRATE see: DN6750000
NOREPIRENAMINE see: DN5950000
NORES see: YT4550000

RC4552200 18-NORESTRA-1,4-DIENE-3,17-DIONE, 10-HYDROXY-, ACETATE (ester)
UPDT:8401 MW: 314.41 MOLFM: C19-H22-O4
SYN: 10-HYDROXY-18-NORESTRA-1,4-DIENE-3,17-DIONE ACETATE (ester)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:5 mg/kg (1D pre) 13OPAL -,37,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NORETHANDROL see: RC9025000
NORETHANDROLONE see: RC8961200
NORETHANDROLONE and TESTOSTERONE see: RC8961450
NORETHINDRONE see: RC8975000
NORETHINDRONE ACETATE see: RC8965000
NORETHINDRONE 17-ACETATE see: RC8965000
NORETHINDRONE ACETATE 3-CYCLOPENTYL ENOL ETHER see: RC8899900
NORETHINDRONE ACETATE and ETHINYLESTRADIOL see: RC8990000
NORETHINDRONE ENANTHATE see: RC8973000
NORETHINDRONE mixed with ETHYNYLESTRADIOL see: RC9030000
NORETHINDRONE mixed with MESTRANOL see: RC9020000
NORETHINDRONE and TESTOSTERONE see: RC9042000
NORETHINODREL see: RC8980000
19-NORETHINYLTESTOSTERONE see: RC8975000
19-NOR-ETHINYL--4,5-TESTOSTERONE see: RC8975000
19-NOR-ETHINYL-5,10-TESTOSTERONE see: RC8980000
19-NOR-17-ETHINYLTESTOSTERONE see: RC8975000
NORETHINYNODREL see: RC8980000
NORETHISTERON see: RC8975000
NORETHISTERON ACETATE see: RC8965000
NORETHISTERONE see: RC8975000
19-NORETHISTERONE see: RC8975000
NORETHISTERONE ACETATE see: RC8965000
19-NORETHISTERONE ACETATE see: RC8965000
NORETHISTERONE ACETATE mixed with ETHINYL OESTRADIOL see: RC8990000
NORETHISTERONE ENANTHATE see: RC8973000
NORETHISTERONE mixed with ETHINYL OESTRADIOL (60:1) see: RC9030000
NORETHISTERONE mixed with MESTRANOL see: RC9020000
NORETHISTERONE 3-METHOXIME see: RC9027500
NORETHISTERONE OENANTHATE see: RC8973000
19-NORETHYLTESTOSTERONE see: RC8961200
19-NOR-17-alpha-ETHYLTESTOSTERONE see: RC8961200
NORETHYNDRON see: RC8975000
NORETHYNODIOL 17-MONOACETATE see: RC8962000
NORETHYNODRAL see: RC8980000
NORETHYNODREL see: RC8980000
19-NORETHYNODREL see: RC8980000
NORETHYNODREL and ETHINYLESTRADIOL 3-METHYL ETHER (50:1) see: RC9025000
NORETHYNODREL mixed with MESTRANOL see: RC9025000
NORETHYNODRONE see: RC8975000
19-NOR-17-alpha-ETHYNYLANDROSTEN-17-beta-OL-3-ONE see: RC8975000
19-NOR-17-alpha-ETHYNYL-17-beta-HYDROXY-4-ANDROSTEN-3-ONE see: RC8975000
19-NOR-17-alpha-ETHYNYLTESTOSTERONE see: RC8975000
NORETHYNYLTESTOSTERONE ACETATE see: RC8965000
19-NORETHYNYLTESTOSTERONE ACETATE see: RC8965000
NORETHYSTERONE ACETATE see: RC8965000
NOREX see: YS6125000
NORFENEFRINE HYDROCHLORIDE see: DN7360000
NORFLOXACIN see: VB2005000
NORFORMS see: OV6475000

RC4905000 24-NOR-D:A-FRIEDOOLEANA-1(10),3,5,7-TETRAEN-29-OIC ACID, 3-HYDROXY-2-OXO-, METHYL ESTER
UPDT:8308 CAS: 1258-84-0 MW: 464.70 MOLFM: C30-H40-O4
SYN: CELASTROL-METHYLETHER * PRISTIMERIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:8000 mg/kg 85GDA2 8(1),90,82
* ipr-mus LD50:200 mg/kg 85GDA2 8(1),90,82
* scu-mus LD50:400 mg/kg 85GDA2 8(1),90,82

NORGAMEM see: XJ5425000
NORGESIC see: AM4375000
NORGESTIMATE see: JF7976000
NORGESTIMATE and ETHINYLESTRADIOL see: RC8943500
NORGESTREL see: JF8225200
(+ -)-NORGESTREL see: JF8225200
alpha-NORGESTREL see: JF8225200
d-NORGESTREL see: JF8225000
d(-)-NORGESTREL see: JF8225000
D-NORGESTREL see: JF8225000
dl-NORGESTREL see: JF8225200
l-NORGESTREL see: JF8259000
levo-NORGESTREL see: JF8259000
LD NORGESTREL (French) see: JF8225200
NORGESTREL mixed with ETHINYL ESTRADIOL see: JF8300000
(+ -)-NORGESTREL and ETHINYLESTRADIOL see: JF8300100
dl-NORGESTREL mixed with ETHINYLESTRADIOL see: JF8300000
NORGESTREL mixed with ETHINYLOESTRADIOL see: JF8300000
levo-NORGESTREL and TESTOSTERONE ENANTHATE see: XA3085000
NORGESTRIENONE see: RC8960080
NORGESTRIENONE and TESTOSTERONE see: RC8960100
NORGINE see: AZ5775000
NORGLAUCIN see: RB6000200
NORGLAUCINE see: RB6000200
d-N-NORGLAUCINE see: RB6000200
NORHARMAN see: UU9350000
NORHARMAN mixed with 1-CHLORO-2-NITROBENZENE see: CZ1225550
NORHARMAN mixed with o-NITROANISOLE see: BZ8805000
NORHARMAN mixed with o-NITROBENZALDEHYDE see: CU7420000
NORHARMAN mixed with p-NITROBENZALDEHYDE see: CU7420010
NORHARMAN mixed with NITROBENZENE see: DA6478000
NORHARMAN mixed with o-NITROCHLOROBENZENE see: CZ1225550
NORHARMAN mixed with o-NITROTOLUENE see: XT3340000
NORIDIL see: UO3470000
NORIGEST see: RC8973000
NORILGAN-S see: WO9100000
NORIMIPRAMINE see: HO0350000
NORINYL-1 see: RC9020000
NORISODRINE see: DO1750000
NORISODRINE HYDROCHLORIDE see: DO1925000
NORIT see: FF5250100
NORIZALPININ see: LK9275500
NORKEL see: LV1050000
NORKOOL see: KW2975000

RC6305500 19-NOR-9-beta,10-alpha-LANOSTA-1,5,23-TRIENE-3,11,22-TRIONE, 2,16-alpha,20,25-TETRAHYDROXY- 9-METHYL-, 25-ACETATE
UPDT:8403 CAS: 18444-66-1 MW: 556.76 MOLFM: C32-H44-O8
SYN: CUCURBITACIN E * CUCURBITACINE E * alpha-ELATERIN
TOXICITY DATA AND REFERENCES:
orl-mus LD50:340 mg/kg CHTPBA 5,205,70

RC6305600 19-NOR-9-beta,10-alpha-LANOST-5-ENE-3,11,22-TRIONE, 2-alpha,16-alpha,20,25-TETRAHYDROXY- 9-METHYL-
UPDT:8405 CAS: 990-83-0 MW: 518.76 MOLFM: C30-H46-O7
SYN: DIHYDROELATERICIN A
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-mus TDLo:3 gm/kg (30D pre) EXPEAM 28,1203,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
NORLESTRIN see: RC8990000
NORLEUCINE see: RC6308000

RC6308000 NORLEUCINE, L-
UPDT:8402 CAS: 327-57-1 MW: 131.20 MOLFM: C6-H13-N-O2
SYN: alpha-AMINOCAPROIC ACID * 2-AMINOCAPROIC ACID * 2-AMINOHEXANOIC ACID * (S)-2-AMINOHEXANOIC ACID * CAPRINE * GLYCOLEUCINE * NORLEUCINE * L-NORLEUCINE (9CI) * L-(+)-NORLEUCINE
MUTATION DATA AND REFERENCES:
mrc-esc 300 mg/L JGMIAN 8,45,53
mmo-omi 100 mg/L MUREAV 12,349,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
L-NORLEUCINE (9CI) see: RC6308000
L-(+)-NORLEUCINE see: RC6308000

RC6308500 NORLEUCINE, N-ACETYL-N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-
UPDT:8408 MW: 317.34 MOLFM: C15-H18-F3-N-O3
SYN: N-ACETYL-N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)NORLEUCINE * B 66141
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:714 mg/kg GWXXBX #1917036

RC6309200 NORLEUCINE, N-(p-CHLOROBENZOYL)-N-(3,4-DIMETHOXYPHENYL)-
UPDT:8408 MW: 405.91 MOLFM: C21-H24-Cl-N-O5
SYN: B 6639 * N-(p-CHLOROBENZOYL)-N-(3,4-DIMETHOXYPHENYL)NORLEUCINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:380 mg/kg GWXXBX #1917036

RC6309300 NORLEUCINE, N-(p-CHLOROBENZOYL)-N-(2,6-XYLYL)-
UPDT:8408 MW: 373.91 MOLFM: C21-H24-Cl-N-O3
SYN: B 6628 * N-(p-CHLOROBENZOYL)-N-(2,6-XYLYL)NORLEUCINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg GWXXBX #1917036

RC6309400 NORLEUCINE, N-(m-CHLOROPHENYL)-N-PROPIONYL-
UPDT:8408 MW: 297.81 MOLFM: C15-H20-Cl-N-O3
SYN: B 66143 * N-(m-CHLOROPHENYL)-N-PROPIONYLNORLEUCINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:430 mg/kg GWXXBX #1917036

RC6340000 NORLEUCINE, 6-DIAZO-5-OXO, L-
UPDT:8402 CAS: 157-03-9 MW: 171.18 MOLFM: C6-H9-N3-O3
SYN: DIAZO-OXO-NORLEUCINE * 6-DIAZO-5-OXONORLEUCINE * 6-DIAZO-5-OXO-L-NORLEUCINE * DON
MUTATION DATA AND REFERENCES:
pic-esc 5 ug/plate CNREA8 43,2819,83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T43 ipr-rat TDLo:5 mg/kg (15D preg) TJADAB 15,281,77
2T25T35 ipr-rat TDLo:100 ug/kg (7-8D preg) PSEBAA 94,33,57
1T34 ipr-rat TDLo:300 ug/kg (8D preg) PSEBAA 94,33,57
1T33 ims-mus TDLo:400 ug/kg (11D preg) TJADAB 23,274,81
1T25 ims-mus TDLo:500 ug/kg (10D preg) JEEMAF 33,355,75
3T25T43T46 ims-mus TDLo:400 ug/kg (11D preg) TJADAB 27,385,83
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:80 mg/kg CPCHAO 18,307,62
* unk-rat LD50:76 mg/kg JOENAK 18,204,59
* ipr-mus LDLo:300 mg/kg JOENAK 18,204,59
* ivn-mus LD50:74 mg/kg 85ERAY 2,1253,78
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JAMAAP 172,1765,60; 32XPAD -,49,75; ADVPA3 4,263,66; ARVPAX 5,447,65
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
epsilon-NORLEUCINE see: MO6300000
NORLUTATE see: RC8965000
NORLUTIN see: RC8975000
NORLUTIN and DELALUTIN see: RC9010000
NORLUTIN and DIETHYLSTILBESTROL see: RC8997000
NORLUTINE ACETATE see: RC8965000
NORLUTIN ENANTHATE see: RC8973000
NORLUTIN and PREMARIN see: RC9035000
NORLUTIN and STILBESTROL see: RC8997000
NORMABRAIN see: UX9660500
NORMADRINE see: SH5075000
NORMALIP see: UE9480000
NORMAL LEAD ACETATE see: AI5250000
NORMAL LEAD ORTHOPHOSPHATE see: OG3675000
NORMASTIGMIN see: CY1225000
NORMAT see: UE9480000
NORMERSAN see: JO1400000
NORMET see: UE9480000
NORMETANDRONE see: KG8000000
NORMETASYMPATHOL see: DN7250010
NORMETHANDROLONE see: KG8000000
NORMETHANDRONE see: KG8000000
NOR-11-METHYLELLIPTICINE see: UU8850000 6H-PYRIDO(4,3-b)CARBAZOLE, 5-METHYL-
NORMETHYL EX4442 see: HP1400000
19-NOR-17-alpha-METHYLTESTOSTERONE see: KG8000000
NORMETOL see: DN7250000
NORMIMYCIN V see: AB6825000
NORMI-NOX see: VA3850000
NORMISON see: DF1225000
NORMOCYTIN see: GG3750000
NORMOLIPOL see: UE9480000
NORMONSON see: SB4725000
NORMORESCINA see: ZG0700000
NORMORPHINE, N-ALLYL- see: QC7700000
NORMORPHINE, N-ALLYL-, HYDROCHLORIDE see: QC7710000
NORMORPHINONE, N-ALLYL-7,8-DIHYDRO-14-HYDROXY-, (-)- see: QD2260000
NORMORPHINONE, N-ALLYL-7,8-DIHYDRO-14-HYDROXY-, HYDROCHLORIDE, (-)- see: QD2275000
NORMOSAN see: SB4725000
NORMOSON see: SB4725000
NORMOTIROIDE see: XJ2620000
NORMUSCONE see: GY0900000
NORNICOTIN see: QS6405000
NORNICOTINE see: QS6405000
NORNICOTYRINE see: UT7875000
NOR-NITROGEN MUSTARD see: IA0175000
dl-NORNUCIFERINE see: RB5916300
NOROCAINE see: DG2100000
NORODIN see: SH5075000
NORODRIN see: SH5075000

RC8815000 27-NORO-13-ENE-23,28-DIOIC ACID, 12-(CHLOROMETHYL)-2-beta,3-beta-DIHYDROXY-
UPDT:8308 CAS: 2469-34-3 MW: 537.20 MOLFM: C30-H45-Cl-O6
SYN: SENEGENIN * SENEGIN
TOXICITY DATA AND REFERENCES:
orl-mus LDLo:1 gm/kg HBAMAK 4,1289,35
* ipr-mus LD50:3 mg/kg 85GDA2 8(2),259,82
scu-mus LDLo:30 mg/kg HBAMAK 4,1289,35
ivn-mus LDLo:45 mg/kg HBAMAK 4,1289,35
19-NOR-P see: RC8960500
NORPACE see: UR8440000
NORPHEDRANE see: SI1750000
NORPHEN see: DN7350000
NORPHENAZONE see: UQ9625000
NORPHENYLEPHRINE see: DN7250000
(+-)-NORPHENYLEPHRINE see: DN7250010
R,S-NORPHENYLEPHRINE see: DN7250010
(+-)-NORPHENYLEPHRINE HYDROCHLORIDE see: DN7360000

RC8860000 NORPINANE, DIOXYBIS(2,6,6-TRIMETHYL
UPDT:8312 MW: 304.52 MOLFM: C20-H32-O2
SYN: 2,6,6-TRIMETHYL NORPINANYL HYDROPEROXIDE (DOT) * UN 2162 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.102,83

RC8870000 2-NORPINENE-2-ETHANOL, 6,6-DIMETHYL-
UPDT:8305 CAS: 128-50-7 MW: 166.29 MOLFM: C11-H18-O
SYN: 6,6-DIMETHYLBICYCLO-(3.1.1)-2-HEPTENE-2-ETHANOL * HOMOMYRETENOL * NOPOL * NOPOL (TERPENE)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,879,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:890 mg/kg FCTXAV 17,879,79
ims-mus LD50:500 mg/kg JSICAZ 21,342,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RC8880000 2-NORPINENE-2-ETHANOL, 6,6-DIMETHYL-, ACETATE
UPDT:8305 CAS: 128-51-8 MW: 208.33 MOLFM: C13-H20-O2
SYN: CITROVIOL * 6,6-DIMETHYLBICYCLO(3.1.1)-2-HEPTENE-2-ETHYL ACETATE * 6,6-DIMETHYL-2-NORPINENE-2-ETHANOL, ACETATE * LIGNYL ACETATE * NOPOL ACETATE * NOPYL ACETATE * 2-PINENE-10-METHYL ACETATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 12,943,74
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3000 mg/kg FCTXAV 12,943,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
NORPLANT see: JF8259000
NORPRAMIN see: HO0525000
NORPRAZEPAM see: DF1750000
19-NORPREGNA-4,6-DIENE-3,20-DIONE, 17-(ACETYLOXY)-6,11-DICHLORO-, (11-beta)- (9CI) see: RC8899100

RC8899100 19-NORPREGNA-4,6-DIENE-3,20-DIONE, 6,11-beta-DICHLORO-17-HYDROXY-, ACETATE
UPDT:8401 CAS: 24432-00-6 MW: 425.38 MOLFM: C22-H26-Cl2-O4
SYN: 17-alpha-ACETOXY-6-beta,11-beta-DICHLORO-19-NORPREGNA-4,6-DIENE-3,20-DIONE * 6,11-beta-DICHLORO-17-HYDROXY-19-NORPREGNA-4,6-DIENE-3,20-DIONE ACETATE * GR 2/1159 * 19-NORPREGNA-4,6-DIENE-3,20-DIONE, 17-(ACETYLOXY)-6,11-DICHLORO-, (11-beta)- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-wmn TDLo:1456 ug/kg (26W pre) CCPTAY 16,339,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8899200 19-NORPREGNA-4,6-DIENE-3,20-DIONE, 17-alpha-HYDROXY-6-METHYL-, ACETATE
UPDT:8401 MW: 371.54 MOLFM: C23-H31-O4
SYN: 17-alpha-ACETOXY-6-METHYL-19-NOR-4,6-PREGNADIENE-3,20-DIONE * 17-alpha-HYDROXY-6-METHYL-19-NORPREGNA-4,6-DIENE-3,20-DIONE ACETATE * TX 066
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:5 mg/kg (4D pre) ARZNAD 33,710,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8899500 19-NORPREGNA-4,9-DIENE-21-NITRILE, 17-HYDROXY-3-OXO-, (17-alpha)-
UPDT:8408 CAS: 65928-58-7 MW: 311.46 MOLFM: C20-H25-N-O2
SYN: 17-alpha-CYANOMETHYL-17-beta-HYDROXY-ESTRA-4,9(10)-DIEN-3-ONE * STS 557
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:8 mg/kg (1D preg) ARTODN (Suppl 4),248,80
2T22T24 scu-rat TDLo:25 mg/kg (1-4D preg) CCPTAY 21,537,80
1T29 orl-mus TDLo:10 mg/kg (1D preg) ARTODN (Suppl 4),248,80
2T22T24 scu-mus TDLo:200 mg/kg (1-4D preg) CCPTAY 21,537,80
1T22 orl-mky TDLo:80 ug/kg (1-4D preg) CCPTAY 21,537,80
1T29 orl-mky TDLo:600 ug/kg (3D pre) FESTAS 40,688,83
3T01T21T23 orl-rbt TDLo:80 mg/kg (56D male) CCPTAY 21,641,80
1T24 orl-rbt TDLo:100 ug/kg (1D preg) CCPTAY 21,61,80
1T22 orl-rbt TDLo:13500 ug/kg (3D pre) CCPTAY 21,61,80
1T29 orl-rbt TDLo:4500 ug/kg (3D pre) CCPTAY 21,61,80
TOXICITY DATA AND REFERENCES:
1F07 orl-mus LD50:4000 mg/kg PHARAT 34,319,79
1F07 scu-mus LDLo:5000 mg/kg PHARAT 34,319,79
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8899520 19-NORPREGNA-4,6-DIENE-3,11,20-TRIONE
UPDT:8401 MW: 313.45 MOLFM: C20-H25-O3
SYN: 11-KETO-delta(sup 6)-PROGESTERONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:1 mg/kg (1D pre) 13OPAL -,37,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8899550 19-NOR-17-alpha-PREGNA-4,20-DIEN-3-ONE, 17-HYDROXY-
UPDT:8403 CAS: 6795-60-4 MW: 300.48 MOLFM: C20-H28-O2
SYN: 17-HYDROXY-19-NOR-17-alpha-PREGNA-4,20-DIEN-3-ONE * NEOPROGESTIN * NOR-PROGESTELEA * NORVINISTERONE * 17-HYDROXY-17-alpha-VINYL-4-ESTREN-3-ONE * 19-NOR-17-alpha-VINYLTESTOSTERONE * SC 4641 * 17-VINYL-19-NORTESTOSTERONE * 17-alpha-VINYL-19-NORTESTOSTERONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T03 orl-rat TDLo:28 mg/kg (14D male) ANYAA9 71,500,58
1T02 orl-rat TDLo:112 mg/kg (14D male) ANYAA9 71,500,58
1T13 scu-rbt TDLo:500 ug/kg (5D pre) ANREAK 142,469,62
1T12 scu-rbt TDLo:250 ug/kg (5D pre) PSEBAA 94,717,57
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8899750 19-NOR-17-alpha-PREGNA-3,5-DIEN-20-YNE-3,17-DIOL, DIACETATE
UPDT:8401 MW: 382.54 MOLFM: C24-H30-O4
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:200 ug/kg (1D pre) 13OPAL -,37,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8899800 19-NOR-17-alpha-PREGNA-4,6-DIEN-20-YNE-3,17-beta-DIOL, DIACETATE

UPDT:8302 MW: 382.54 MOLFM: C24-H30-O4

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-rat TDLo:35 mg/kg (35D pre)	RPHRA6 20,395,64
1T13	unk-rat TDLo:15 mg/kg (30D pre)	RPHRA6 20,395,64

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

19-NORPREGNA-3,5-DIEN-20-YN-17-OL, 3-(CYCLOPENTYLOXY)-, ACETATE, (17-alpha)- (9CI) see: RC8899900

RC8899900 19-NOR-17-alpha-PREGNA-3,5-DIEN-20-YN-17-OL, 3-(CYCLOPENTYLOXY)-, ACETATE

UPDT:8407 CAS: 3000-39-3 MW: 408.63 MOLFM: C27-H36-O3

SYN: 3-CYCLOPENTYL ENOL ETHER of NORETHINDRONE ACETATE * 3-(CYCLOPENTYLOXY)-19-NOR-17-alpha-PREGNA-3,5-DIEN-20-YN-17-OL ACETATE * 3-(CYCLOPENTYLOXY)-19-NOR-17-alpha-PREGNA-3,5-DIEN-20-YN-17-OL ACETATE (ester) * NORETHINDRONE ACETATE 3-CYCLOPENTYL ENOL ETHER * 19-NORPREGNA-3,5-DIEN-20-YN-17-OL, 3-(CYCLOPENTYLOXY)-, ACETATE, (17-alpha)- (9CI) * 19-NOR-17-alpha-PREGNA-3,5-DIEN-20-YN-17-OL, 3-(CYCLOPENTYLOXY)-, ACETATE (ester) * QUINGESTANOL ACETATE * W 4540

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T12	orl-wmn TDLo:72 ug/kg (12D pre)	FESTAS 23,739,72
1T22	orl-wmn TDLo:16 ug/kg (1D preg)	CCPTAY 9,221,74
2T14T22	orl-wmn TDLo:1090 ug/kg (26W pre)	CCPTAY 9,213,74
1T22	orl-wmn TDLo:6570 ug/kg (3Y pre)	CCPTAY 6,117,72
1T22	orl-wmn TDLo:2352 ug/kg (56W pre)	FESTAS 23,668,72
2T14T22	orl-wmn TDLo:1090 ug/kg (26W pre)	CCPTAY 9,213,74
1T12	orl-wmn TDLo:1060 ug/kg (30W pre)	CCPTAY 7,503,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

19-NOR-17-alpha-PREGNA-3,5-DIEN-20-YN-17-OL, 3-(CYCLOPENTYLOXY)-, ACETATE (ester) see: RC8899900

RC8900000 19-NOR-17-alpha-PREGNA-4,9-DIEN-20-YN-3-ONE, 21-CHLORO-17-HYDROXY-

UPDT:8401 CAS: 3124-93-4 MW: 330.88 MOLFM: C20-H23-Cl-O2

SYN: 17-alpha-CHLOROETHINYL-17-beta-HYDROXYESTRA-4,9-DIEN-3-ONE * 17-alpha-CHLOROETHYNYL-17-beta-HYDROXY-19-NOR-4,9-ANDROSTADIEN-3-ONE * 17-alpha-CHLOROETHYNYL-19-NOR-4,9-ANDROSTADIEN-17-beta-OL-3-ONE * ETHYNERONE * MK 665

TUMORIGENIC DATA AND REFERENCES:

2V03R60	orl-dog TDLo:1008 mg/kg/4Y-I	JTEHD6 3,179,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8916000 19-NOR-17-alpha-PREGNA-4,6-DIEN-20-YN-3-ONE, 17-HYDROXY-, ACETATE

UPDT:8401 MW: 338.48 MOLFM: C22-H26-O3

SYN: 17-HYDROXY-19-NOR-17-alpha-PREGNA-4,6-DIEN-20-YN-3-ONE ACETATE * 17-beta-HYDROXY-19-NOR-17-alpha-PREGNA-4,6-DIEN-20-YN-3-ONE ACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:5 mg/kg (1D pre)	13OPAL -,37,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8919900 19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIENE-3,17-DIOL

UPDT:8401 MW: 300.48 MOLFM: C20-H28-O2

SYN: 17-alpha-ETHYL-17-beta-ESTRADIOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:200 ug/kg (1D pre)	13OPAL -,37,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8920000 19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIENE-3,17-beta-DIOL

UPDT:8302 MW: 300.48 MOLFM: C20-H28-O2

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	unk-rat TDLo:15 mg/kg (30D pre)	RPHRA6 20,395,64

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIENE-20-YNE-3,17-DIOL see: RC8925000

19-NORPREGNA-1,3,5(10)-TRIEN-20-YNE, 21-BROMO-3,17-DIMETHOXY-, (17-alpha)- (9CI) see: RC8924700

RC8924700 19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE, 21-BROMO-3,17-DIMETHOXY-

UPDT:8401 CAS: 7548-46-1 MW: 403.40 MOLFM: C22-H27-Br-O2

SYN: BDH 6140 * 21-BROMO-3,17-DIMETHOXY-19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE * 19-NORPREGNA-1,3,5(10)-TRIEN-20-YNE, 21-BROMO-3,17-DIMETHOXY-, (17-alpha)- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-rat TDLo:1500 ug/kg (1-5D preg)	ACENA7 53,443,66
1T13	orl-rat TDLo:24 ug/kg (3D pre)	ACENA7 53,443,66
1T22	orl-mus TDLo:180 ug/kg (1-5D preg)	ACENA7 53,443,66
1T13	orl-mus TDLo:36300 ng/kg (3D pre)	ACENA7 53,443,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

19-NORPREGNA-1,3,5(10)-TRIEN-20-YNE, 21-CHLORO-3,17-DIMETHOXY-, (17-alpha)- see: RC8924800

RC8924800 19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE, 21-CHLORO-3,17-DIMETHOXY-

UPDT:8401 CAS: 7548-44-9 MW: 358.94 MOLFM: C22-H27-Cl-O2

SYN: BDH 2700 * 21-CHLORO-3,17-DIMETHOXY-19-NOR-17-alpha-PREGN-1,3,5(10)-TRIEN-20-YNE * 17-alpha-CHLOROETHYNYL-3,17-beta-DIMETHOXY-OESTRA-1,3,5(10)-TRIENE * 19-NORPREGNA-1,3,5(10)-TRIEN-20-YNE, 21-CHLORO-3,17-DIMETHOXY-, (17-alpha)-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-rat TDLo:90 ug/kg (2D preg)	ACENA7 53,443,66
1T13	orl-rat TDLo:12300 ng/kg (3D pre)	ACENA7 53,443,66
1T22	orl-mus TDLo:30 ug/kg (2D preg)	ACENA7 53,443,66
1T13	orl-mus TDLo:9 ug/kg (3D pre)	ACENA7 53,443,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8925000 19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIOL

UPDT:8408 CAS: 57-63-6 MW: 296.44 MOLFM: C20-H24-O2

SYN: AMENORON * AMENORONE * ANOVLAR * CHEE-O-GEN * CHEE-O-GENF * 3,17-beta-DIHYDROXY-17-alpha-ETHYNYL-1,3,5(10)-OESTRATRIENE * 3,17-beta-DIHYDROXY-17-alpha-ETHYNYL-1,3,5(10)-ESTRATRIENE * DIOGNAT-E * DIOGYN-E * DIPROL * DYLOFORM * EE * EE(sub 2) * EED * EO * ESTEED * ESTIGYN * ESTINYL * ESTON-E * ESTORAL * ESTORAL (ORION) * ESTORALS * ESTRADIOL, 17-ETHYNYL- * ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL, 17-alpha-ETHYNYL- * ESTROGEN * ETHIDOL * ETHINORAL * 17-alpha-ETHINYL-3,17-DIHYDROXY-DELTA(sup 1,3,5)-ESTRATRIENE * 17-alpha-ETHINYL-3,17-DIHYDROXY-DELTA(sup 1,3,5)OESTRATRIENE * ETHINYL ESTRADIOL * 17-ETHINYLESTRADIOL * 17-ETHINYL-3,17-ESTRADIOL * 17-alpha-ETHINYLESTRADIOL * 17-alpha-ETHINYL-17-beta-ESTRADIOL * 17-alpha-ETHINYLESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL * ETHINYLESTRIOL * ETHINYLOESTRADIOL * 17-ETHINYL-3,17-OESTRADIOL * ETHINYL-OESTRANOL * 17-alpha-ETHINYLOESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL * 17-alpha-ETHINYL-delta(sup 1,3,5(10))OESTRATRIENE-3,17-beta-DIOL * ETHINYLOESTRIOL * 17-ETHYNYL-3,17-DIHYDROXY-1,3,5-OESTRATRIENE * ETHYNYLESTRADIOL * 17-alpha-ETHYNYLESTRADIOL * 17-alpha-ETHYNYLESTRADIOL-17-beta * 17-alpha-ETHYNYL-1,3,5(10)-ESTRATRIENE-3,17-beta-DIOL * 17-alpha-ETHYNYLESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL * ETHYNYLOESTRADIOL * 17-ETHYNYLOESTRADIOL * 17-alpha-ETHYNYLOESTRADIOL * 17-alpha-ETHYNYL-17-beta-OESTRADIOL * 17-alpha-ETHYNYLOESTRADIOL-17-beta * 17-ETHYNYLOESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL * 17-alpha-ETHYNYL-1,3,5-OESTRATRIENE-3,17-beta-DIOL * 17-alpha-ETHYNYL-1,3,5(10)-OESTRATRIENE-3,17-beta-DIOL * 17-alpha-ETHYNYLOESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL * ETICYCLIN * ETICYCLOL * ETINESTROL * ETINESTRYL * ETINOESTRYL * ETISTRADIOL * FEMINONE * GINESTRENE * INESTRA * LINORAL * LYNORAL * MENOLYN * NEO-ESTRONE * (17-alpha)-19-NORPREGNA-1,3,5(10)-TRIEN-20-YNE-3,17,DIOL * 19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIENE-20-YNE-3,17-DIOL * NOVESTROL * NSC-10973 * ORADIOL * ORESTRALYN * ORESTRAYLN * PALONYL * PEROVEX * PRIMOGYN * PRIMOGYN C * PRIMOGYN M * PROGYNON C * SPANESTRIN * YLESTOL

MUTATION DATA AND REFERENCES:

	mmo-sat 500 ug/plate	SYSWAE 12,41,79
	mmo-sat 200 ug/plate	SYSWAE 12,41,79
	mmo-ssp 50 ug/plate	EGJBAY 20,29,79
	dnd-sal:spr 10 nmol/L	JSTBBK 3,515,72
	dns-hmn:mmr 5 nmol/L	CNREA8 42,1727,82
	dni-hmn:lym 50 umol/L	PSEBAA 146,401,74
	otr-rat:emb 10700 ug/L	JJIND8 67,1303,81
	dnd-rat-orl 1390 nmol/kg	CBINA8 23,13,78
	dnd-rat:oth 10 nmol/L	JSTBBK 3,515,72
	dns-mus:emb 1 mg/L	JRPFA4 33,327,73
	oms-mus:oth 740 ug/L	AJOGAH 120,390,74
	oms-dom:oth 74100 ug/L	AJOGAH 120,390,74
	oms-ctl:oth 7410 ug/L	AJOGAH 120,390,74
	cyt-ctl:oth 7410 ug/L	AJOGAH 120,390,74
	cyt-dom:oth 74100 ug/L	AJOGAH 120,390,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T13T29	orl-wmn TDLo:500 ug/kg (5D pre)	PRBIDC 7,310,80
2T14T22	orl-wmn TDLo:500 ug/kg (5D pre)	CCPTAY 14,375,76
1T29	orl-wmn TDLo:160 ug/kg (57W pre)	ACEDAB 105,7,66
1T22	unk-wmn TDLo:20 ug/kg (4D preg)	EXMDA4 133,406,67
1T22	unk-wmn TDLo:500 ug/kg (1-5D preg)	JAMAAP 244,1336,80
2T02T03	orl-rat TDLo:560 ug/kg (14D male)	ANYAA9 71,500,58
1T25	orl-rat TDLo:4500 ng/kg (1-9D preg)	CCPTAY 3,347,71
2T26T29	orl-rat TDLo:250 ug/kg (1-4D preg)	ACENA7 41,351,62
1T13	orl-rat TDLo:860 ng/kg (1D pre)	JMCMAR 23,329,80
1T44	orl-rat TDLo:750 ug/kg (15-17D preg)	IJEBA6 21,591,83
1T22	orl-rat TDLo:55 ug/kg (11D pre)	PSEBAA 116,343,64
2T02T03	scu-rat TDLo:1 mg/kg (10D male)	INJFA3 8,589,63
1T22	scu-rat TDLo:1 mg/kg (1D preg)	JRPFA4 43,505,75
3T12T13T29	scu-rat TDLo:5 ug/kg (1D pre)	ACENA7 49,193,65
1T03	scu-rat TDLo:4 ug/kg (1D male)	ACENA7 49,193,65
1T24	scu-rat TDLo:28 ug/kg (3-9D preg)	ACENA7 47,444,64
1T53	scu-rat TDLo:600 ug/kg (17-20D preg)	ACEDAB 240,104,81
3T12T13T29	imp-rat TDLo:10 mg/kg (24D pre)	BIREBV 2,315,70
1T13	orl-mus TDLo:6900 ng/kg (3D pre)	ACENA7 53,443,66
1T27	orl-mus TDLo:40 ug/kg (3-4D preg)	APTSAI 26(Suppl 1),1,68
1T22	orl-mus TDLo:120 ug/kg (1D preg)	FESTAS 19,787,68
2T35T46	orl-mus TDLo:200 ug/kg (8D preg)	TJADAB 23,233,81
1T53	orl-mus TDLo:70 ug/kg (11-17D preg)	DGDFA5 19,241,77
1T91	orl-mus TDLo:70 ug/kg (11-17D preg)	AJOGAH 127,832,77
1T22	ipr-mus TDLo:280 mg/kg (28D pre)	JPMSAE 70,60,81
1T13	scu-mus TDLo:1200 ng/kg (3D pre)	FESTAS 20,211,69
1T22	ivg-mus TDLo:280 mg/kg (28D pre)	JPMSAE 70,60,81
1T22	orl-mky TDLo:500 ug/kg (1-6D preg)	AJOGAH 115,101,73
1T29	orl-rbt TDLo:4 ug/kg (1D preg)	ENDOAO 78,860,66
1T29	scu-rbt TDLo:25 ug/kg (1D preg)	ENDOAO 79,939,66
1T24	scu-rbt TDLo:6 ug/kg (1-3D preg)	FESTAS 20,211,69
2T24T34	unk-rbt TDLo:19 ug/kg (1-19D preg)	CCPTAY 2,85,70
1T29	unk-rbt TDLo:125 ug/kg (1D pre)	IJPAAO 32,164,70
2T21T22	orl-ham TDLo:20 mg/kg (4D pre)	ACENA7 70,582,72
2T24T25	orl-ham TDLo:90 mg/kg (1-9D preg)	CCPTAY 3,347,71
1T13	orl-ham TDLo:70 ug/kg (7D pre)	CCPTAY 3,347,71
2T22T25	imp-ham TDLo:20 mg/kg (10D pre)	ACENA7 70,385,72
1T21	imp-ham TDLo:4 mg/kg (10D pre)	ACENA7 70,385,72
1T02	imp-ham TDLo:160 mg/kg (55W male)	ENDOAO 57,255,55

TUMORIGENIC DATA AND REFERENCES:

2V01L60	orl-wmn TDLo:102 mg/kg/5Y-I	LANCAO 1,273,80
3V03N60R60	orl-rat TDLo:6 ug/kg/2Y-C	JTEHD6 6,885,80
2V03R60	imp-rat TDLo:5 mg/kg	CTRRDO 63,1180,79
2V02M61	imp-ham TDLo:621 mg/kg	CNREA8 12,274,52
3V03T63T64	orl-rat TD :245 mg/kg/35W-C	EMSUA8 22,28,64
2V03M60	imp-ham TD :800 mg/kg/34W-I	CNREA8 43,5200,83

TOXICITY DATA AND REFERENCES:

3J22K13U25	orl-wmn TDLo:21 mg/kg/21D-I	LANCAO 1,1479,73
	orl-rat LD50:2952 mg/kg	TXAPA9 18,185,71
	orl-mus LD50:1737 mg/kg	TXAPA9 18,185,71

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ACEDAB 75(185),169,74; RSTEBF 6,455,75; CMROCX 4,309,76

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 21,233,79
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 6,77,74
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 21,233,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(17-alpha)-19-NORPREGNA-1,3,5(10)-TRIEN-20-YNE-3,17,DIOL see: RC8925000

RC8942000 19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIOL, 3-(3-(DIMETHYLAMINO)PROPIONATE), complex with ALUMINUM TANNATE

UPDT:8407

SYN: ETHYNYLESTRADIOL 3-DIMETHYLAMINOPROPIONATE ALUMINUM TANNATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-rat TDLo:44769 ug/kg (1D pre)	JMCMAR 21,712,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8943000 19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIOL, 3-(3-(DIMETHYLAMINO)PROPIONATE), complex with ZINC TANNATE

UPDT:8407

SYN: ETHYNYLESTRADIOL 3-DIMETHYLAMINOPROPIONATE ZINC TANNATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-rat TDLo:45597 ug/kg (1D pre)	JMCMAR 21,712,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8943500 19-NORPREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIOL, and 13-ETHYL-17-HYDROXY-18,19-DINOR-17-alpha- PREGN-4-EN-20-YN-3-ONE 17-ACETATE 3-OXIME
UPDT:8405
SYN: ETHINYLESTRADIOL and NORGESTIMATE * NORGESTIMATE and ETHINYLESTRADIOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T13T29	orl-wmn TDLo:54400 ug/kg (17D pre)	CCPTAY 24,173,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8943900 19-NORPREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIOL, 11-METHOXY-, (11-alpha,17-alpha)-
UPDT:8403 CAS: 61665-15-4 MW: 326.47 MOLFM: C21-H26-O3
SYN: 11-alpha-METHOXYETHINYLESTRADIOL * 11-alpha-METHOXY-19-NOR-17-alpha-1,3,5(10)-PREGNATRIEN-20-YNE-3,17-DIOL * RU 16117

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T13T29	scu-rat TDLo:10 ug/kg (2D pre)	BIREBV 18,99,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8944200 19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-2,17-DIOL, 3-METHOXY-
UPDT:8408 MW: 326.47 MOLFM: C21-H26-O3
SYN: 3-METHOXY-19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-2,17-DIOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-rat TDLo:30 mg/kg (1-6D preg)	STEDAM 30,343,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8944500 19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIOL, 11-alpha-METHOXY-
UPDT:8401 MW: 326.47 MOLFM: C21-H26-O3
SYN: 17-alpha-ETHINYL-11-alpha-METHOXY-E(sub 2) * 17-alpha-ETHINYL-11-alpha-METHOXYESTRADIOL * 17-alpha-ETHINYL-11-alpha-METHOXYESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL * 17-alpha-ETHINYL-11-alpha-METHOXY-1,3,5(10)-ESTRATRIENE-3,17-beta-DIOL * 11-alpha-METHOXY-19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIOL * RU 16,117

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	scu-mus TDLo:60 ug/kg (3D pre)	STEDAM 40,171,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8945050 19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-4,17-DIOL, 3-METHOXY-
UPDT:8408 MW: 326.47 MOLFM: C21-H26-O3
SYN: 3-METHOXY-19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-4,17-DIOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:60 mg/kg (1-6D preg)	STEDAM 30,343,77
1T25	orl-rat TDLo:6 mg/kg (1-6D preg)	STEDAM 30,343,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8945100 19-NOR-8-alpha,17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIOL, 2-METHYL-
UPDT:8401 MW: 296.44 MOLFM: C20-H24-O2
SYN: 17-alpha-ETHINYL-2-METHYL-8-alpha-E(sub 2) * 17-alpha-ETHINYL-2-METHYL-8-alpha-ESTRADIOL * 17-alpha-ETHINYL-2-METHYL-8-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL * 2-METHYL-19-NOR-8-alpha,17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	scu-mus TDLo:600 ug/kg (3D pre)	STEDAM 40,171,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8945200 19-NOR-8-alpha,17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIOL, 16-beta-METHYL-
UPDT:8401 MW: 307.44 MOLFM: C21-H23-O2
SYN: 17-alpha-ETHINYL-16-beta-METHYL-8-alpha-E(sub 2) * 17-alpha-ETHINYL-16-beta-METHYL-8-alpha-ESTRADIOL * 17-alpha-CTHINYL-16-beta-METHYL-8-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL * 16-beta-METHYL-19-NOR-8-alpha,17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	scu-mus TDLo:3 mg/kg (3D pre)	STEDAM 40,171,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8945300 19-NORPREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIOL, (17-alpha)-, mixt. with (3-beta,17-alpha)- 19-NORPREGN-4-EN-20-YNE-3,17-DIYL DIACETATE
UPDT:8401 CAS: 8075-78-3 MW: 681.00 MOLFM: C24-H32-O4 C20-H24-O2
SYN: BISECURIN II * CONOVA 30 * DEMULEN * ETHYNODIOL DIACETATE mixt. with ETHYNYLESTRADIOL * ETHYNYLESTRADIOL mixt. with ETHYNODIOL DIACETATE * OVAMIN 30 * OVULEN 30 * SC 11800 EE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	orl-wmn TDLo:420 ug/kg (20D pre)	CCPTAY 26,23,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8945400 19-NORPREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIOL, (17-alpha)-, mixt. with (17-alpha)- 19-NORPREGN-4-EN-20-YN-17-OL
UPDT:8401 CAS: 8064-76-4 MW: 580.92 MOLFM: C20-H28-O C20-H24-O2
SYN: Bo 49249 * C 49249Ba * ETHYNYLESTRADIOL-LYNESTRENOL mixt. * ETHINYLOESTRADIOL mixt. with LYNOESTRENOL * FISIOQUENS * FYSIOQUENS * LYNOESTRENOL mixt. with ETHINYLOESTRADIOL * MINILYN * OVOSTAT * OVOSTAT 1375 * OVOSTAT E * YERMONIL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T14T22	orl-wmn TDLo:4284 ug/kg (84D pre)	BMJOAE 2,487,77

TUMORIGENIC DATA AND REFERENCES:

3V01L12L60	orl-wmn TDLo:77112 ug/kg/6Y-I	LANCAO 1,273,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8948000 19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YN-17-OL, 3-(CYCLOPENTYLOXY)-
UPDT:8408 CAS: 152-43-2 MW: 364.57 MOLFM: C25-H32-O2
SYN: 3-(CYCLOPENTYLOXY)-19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YN-17-OL * EECPE * ESTON * ESTRADIOL-17-beta 3-CYCLOPENTYL ETHER * ESTROVIS * ESTROVIS 4000 * ESTROVISTER * 17-alpha-ETHINYLESTRADIOL 3-CYCLOPENTYL ETHER * 19-NORPREGNA-1,3,5(10)-TRIEN-20-YN-17-OL, 3-(CYCLOPENTYLOXY)-, (17-alpha)- (9CI) * PLESTROVIS * QUI-LEA * QUINESTROL * W 3566

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	orl-wmn TDLo:80 ug/kg (2D pre)	INJFA3 14,295,69
1T17	orl-wmn TDLo:24 ug/kg (4D post)	INJFA3 12,261,67
3T01T02T03	orl-rat TDLo:4 mg/kg (1D male)	IJEBA6 9,132,71
2T12T13	orl-rat TDLo:24 ug/kg (12D pre)	INJFA3 20,239,75
1T22	orl-rat TDLo:60 ug/kg (30D pre)	JRPFA4 22,49,70
1T14	orl-rat TDLo:12 ug/kg (12D pre)	INJFA3 20,239,75
1T29	orl-rat TDLo:600 ug/kg (30D pre)	JRPFA4 22,49,70
2T02T03	skn-rat TDLo:12 mg/kg (30D male)	STEDAM 10,687,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

19-NORPREGNA-1,3,5(10)-TRIEN-20-YN-17-OL, 3-(CYCLOPENTYLOXY)-, (17-alpha)- (9CI) see: RC8948000

RC8960000 17-alpha-19-NORPREGNA-1,3,5(10)-TRIEN-20-YN-17-OL, 3-METHOXY-
UPDT:8412 CAS: 72-33-3 MW: 310.47 MOLFM: C21-H26-O2
SYN: COMPOUND 33355 * DELTA-MVE * EE3ME * 17-alpha-ETHINYL ESTRADIOL 3-METHYL ETHER * ETHINYLESTRADIOL 3-METHYL ETHER * 17-alpha-ETHINYL OESTRADIOL 3-METHYL ETHER * ETHINYLOESTRADIOL 3-METHYL ETHER * ETHYNYLESTRADIOL 3-METHYL ETHER * 17-ETHYNYLESTRADIOL 3-METHYL ETHER * 17-alpha-ETHYNYLESTRADIOL 3-METHYL ETHER * 17-alpha-ETHYNYL-3-METHOXY-1,3,5(10)-ESTRATRIEN-17-beta-OL * (+)-17-alpha-ETHYNYL-17-beta-HYDROXY-3-METHOXY-1,3,5(10)-ESTRATRIENE * (+)-17-alpha-ETHYNYL-17-beta-HYDROXY-3-METHOXY-1,3,5(10)-OESTRATRIENE * 17-ETHYNYL-3-METHOXY-1,3,5(10)-ESTRATRIEN-17-beta-OL * 17-alpha-ETHYNYL-3-METHOXY-17-beta-HYDROXY-DELTA-1,3,5(10)-ESTRATRIENE * 17-alpha-ETHYNYL-3-METHOXY-17-beta-HYDROXY-DELTA-1,3,5(10)-OESTRATRIENE * 17-ETHYNYL-3-METHOXY-1,3,5(10)-OESTRATIEN-17-beta-OL * ETHYNYLOESTRADIOL 3-METHYL ETHER * ETHYNYLOESTRADIOL METHYL ETHER * 17-ETHYNYLOESTRADIOL 3-METHYL ETHER * 17-alpha-ETHYNYLOESTRADIOL 3-METHYL ETHER * 17-alpha-ETHYNYLOESTRADIOL METHYL ETHER * MESTRANOL * MESTRENOL * 3-METHOXY-17-alpha-ETHINYLESTRADIOL * 3-METHOXY-17-alpha-ETHINYLOESTRADIOL * 3-METHOXYETHYNYLESTRADIOL * 3-METHOXY-17-alpha-ETHYNYLESTRADIOL * 3-METHOXY-17-alpha-ETHYNYL-1,3,5(10)-ESTRATRIEN-17-beta-OL * 3-METHOXYETHYNYLOESTRADIOL * 3-METHOXY-17-alpha-ETHYNYLOESTRADIOL * 3-METHOXY-17-ETHYNYLOESTRADIOL-17-beta * 3-METHOXY-17-alpha-ETHYNYL-1,3,5(10)-OESTRATRIEN-17-beta-OL * 3-METHOXY-19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YN-17-OL * 3-METHOXY-17-alpha-19-NORPREGNA-1,3,5(10)-TRIEN-20-YN-17-OL * (17-alpha)-3-METHOXY-19-NORPREGNA-1,3,5(10)-TRIEN-20-YN-17-OL * 3-METHYLETHYNYLESTRADIOL * 3-METHYLETHYNYLOESTRADIOL * SC 4725

MUTATION DATA AND REFERENCES:

	oms-mus-scu 120 ug/kg	AJOGAH 120,390,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	orl-wmn TDLo:20 ug/kg (20D pre)	INJFA3 9,57,64
1T12	orl-wmn TDLo:25600 ng/kg (16D pre)	FESTAS 24,19,73
1T29	orl-wmn TDLo:160 ug/kg (57W pre)	ACEDAB 105,7,66
1T12	orl-rat TDLo:2500 ug/kg (10D pre)	PSEBAA 119,340,65
1T29	orl-rat TDLo:150 ug/kg (2-4D preg)	ENDOAO 77,873,65
2T53T91	orl-rat TDLo:430 ug/kg (1-22D preg/21D post)	ENDOAO 80,447,67
1T22	orl-rat TDLo:700 ug/kg (7D pre)	JRPFA4 10,105,65
1T13	orl-rat TDLo:690 ng/kg (1D pre)	JMCMAR 23,329,80
2T02T03	orl-rat TDLo:336 ug/kg (14D male)	ANYAA9 71,500,58
1T24	scu-rat TDLo:1050 ug/kg (3-9D preg)	ACENA7 47,444,64
1T29	scu-rat TDLo:60 ug/kg (2-4D preg)	ENDOAO 77,873,65
3T12T13T29	scu-rat TDLo:500 ng/kg (1D pre)	ACENA7 49,193,65
2T02T03	scu-rat TDLo:400 ng/kg (1D male)	ACENA7 49,193,65
1T22	scu-rat TDLo:35 ug/kg (35D pre)	RPHRA6 20,395,64
1T13	unk-rat TDLo:150 ug/kg (30D pre)	RPHRA6 20,395,64
1T12	unk-rat TDLo:12 mg/kg (30D pre)	OYYAA2 4,217,70
1T29	orl-mus TDLo:3 mg/kg (1D preg)	ARTODN (Suppl 4),248,80
1T26	orl-mus TDLo:250 ug/kg (4-8D preg)	PHARAT 30,53,75
1T13	scu-mus TDLo:132 ng/kg (3D pre)	FESTAS 20,211,69
1T29	unk-mus TDLo:2 mg/kg (1D pre)	FESTAS 12,346,61
2T29T72	orl-dog TDLo:5 mg/kg (6D preg)	BIREBV 1,282,69
1T29	orl-rbt TDLo:50 ug/kg (1D pre)	ACEDAB 73,17,63
1T21	orl-rbt TDLo:500 ug/kg (1D pre)	ACEDAB 73,17,63
1T24	scu-rbt TDLo:30 ug/kg (1-3D preg)	FESTAS 20,211,69
1T34	scu-rbt TDLo:15 ug/kg (1-3D preg)	FESTAS 20,211,69
1T29	scu-rbt TDLo:25 ug/kg (1D pre)	ACEDAB 73,3,63
2T24T34	unk-rbt TDLo:95 ug/kg (1-19D preg)	CCPTAY 2,85,70

TUMORIGENIC DATA AND REFERENCES:

2V03L30	orl-rat TDLo:2400 ug/kg/17W-C	PAACA3 21,76,80
2V02R60	orl-mus TDLo:19 mg/kg/30W-C	CRSBAW 168,1190,74
2V02P60	orl-mus TD :20 mg/kg/28W-C	REEBB3 16,425,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ACEDAB 75(185),169,74; CRTXB2 1(1),93,71; JTEHD6 3,197,77; CMROCX 4,309,76

★	CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 21,257,79
★	CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 6,87,74
★	CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 21,257,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8960050 19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YN-17-OL, 3-METHOXY-, and 6-CHLORO- 17-HYDROXYPREGNA-4,6-DIENE-3,20-DIONE
UPDT:8401 MW: 673.40 MOLFM: C21-H26-O2 C21-H27-Cl-O3
SYN: CHLORMADINONE and MESTRANOL * MESTRANOL and CHLORMADINONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T13T19	orl-wmn TDLo:232 ug/kg (20D pre)	FESTAS 16,158,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

19-NORPREGNA-4,9,11-TRIEN-20-YN-3-ONE, 17-HYDROXY-, (17-alpha)- (9CI) see: RC8960080

RC8960080 19-NOR-17-alpha-PREGNA-4,9,11-TRIEN-20-YN-3-ONE, 17-HYDROXY-
UPDT:8405 CAS: 848-21-5 MW: 294.42 MOLFM: C20-H22-O2
SYN: A 301 * 17-alpha-ETHYNYL-17-beta-HYDROXYESTRA-4,9,11-TRIEN-3-ONE * 17-HYDROXY-19-NOR-17-alpha-PREGNA-4,9,11-TRIEN-20-YN-3-ONE * NORGESTRIENONE * 19-NORPREGNA-4,9,11-TRIEN-20-YN-3-ONE, 17-HYDROXY-, (17-alpha)- (9CI) * OGYLINE * R 2010 * RU 2010

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T14T22	imp-wmn TDLo:1168 ug/kg (52W pre)	CCPTAY 18,411,78
1T22	imp-wmn TDLo:1642 ug/kg (52W pre)	CCPTAY 18,429,78
1T14	imp-wmn TDLo:2820 ug/kg (2Y pre)	FESTAS 25,170,74
1T22	ivg-wmn TDLo:1 mg/kg (36W pre)	CCPTAY 20,511,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8960100 19-NOR-17-alpha-PREGNA-4,9,11-TRIEN-20-YN-3-ONE, 17-HYDROXY-, and TESTOSTERONE
UPDT:8305 MW: 582.89 MOLFM: C20-H22-O2 C19-H28-O2
SYN: NORGESTRIENONE and TESTOSTERONE * TESTOSTERONE and NORGESTRIENONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01	mul-man TDLo:10 mg/kg (13W male)	CCPTAY 8,207,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8960200 19-NOR-17-alpha-PREGN-4-ENE-3,17-beta-DIOL, 3-ACETATE
UPDT:8302 MW: 360.59 MOLFM: C23-H36-O3

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	unk-rat TDLo:150 mg/kg (30D pre)	RPHRA6 20,395,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8960250 19-NOR-17-alpha-PREGN-4-ENE-3,17-DIOL, 3-PROPIONATE
UPDT:8401 MW: 360.59 MOLFM: C23-H36-O3

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:5 mg/kg (1D pre)	13OPAL -,37,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8960300 A-NOR-17-alpha-PREGN-20-ENE-2-beta,17-beta-DIOL, 2-alpha-ETHYNYL-20,21,21-TRIFLUORO-
UPDT:8302 MW: 382.51 MOLFM: C22-H29-F3-O2
SYN: 2-alpha-ETHYNYL-20,21,21-TRIFLUORO-A-NOR-17-alpha-PREGN-20-ENE-2-beta,17-beta-DIOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T22T26	orl-rat TDLo:500 ug/kg (1D preg)	STEDAM 4,657,64

2T22T26	par-rat TDLo:500 ug/kg (1D preg)	STEDAM 4,657,64

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8960500 19-NORPREGN-4-ENE-3,20-DIONE

UPDT:8412 CAS: 472-54-8 MW: 300.48 MOLFM: C20-H28-O2

SYN: 19-NOR-P * 19-NORPROGESTERONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-rat TDLo:350 mg/kg (7D pre)	JRPFA4 10,105,65
1T03	scu-rat TDLo:16800 ug/kg (21D male)	ACENA7 49,145,65
1T29	scu-rat TDLo:350 ug/kg (7D pre)	JRPFA4 10,105,65
1T22	scu-rat TDLo:105 mg/kg (7D pre)	JRPFA4 10,105,65
1T24	imp-rat TDLo:30 mg/kg (2D pre/1-22D preg)	JRPFA4 12,225,66
1T29	imp-rat TDLo:60 mg/kg (2D pre-10D post)	JRPFA4 12,225,66
1T12	imp-rat TDLo:30 mg/kg (2D pre-10D post)	JRPFA4 12,225,66
1T22	imp-mus TDLo:400 mg/kg (56W pre)	JRPFA4 6,99,63
1T22	imp-mus TDLo:8640 ug/kg (15W pre)	NATUAS 190,174,61
1T29	imp-mus TDLo:2400 ug/kg (15D preg)	NATUAS 190,174,61
1T14	scu-mky TDLo:44 ug/kg (7D pre)	PSEBAA 94,298,57
1T29	skn-rbt TDLo:25 ug/kg (1D pre)	STEDAM 5,699,65
2T21T29	scu-rbt TDLo:500 ng/kg (1D pre)	ACEDAB 73,3,63
1T29	scu-rbt TDLo:5 mg/kg (1D pre)	ACEDAB 28,18,56
3T12T24T29	imp-ham TDLo:48 mg/kg (2D pre-10D post)	JRPFA4 12,225,66

TUMORIGENIC DATA AND REFERENCES:

2V03V08	imp-mus TDLo:234 mg/kg/56W-C	NATUAS 212,686,66
2V03T63	imp-mus TD :400 mg/kg/56W-C	JRPFA4 6,99,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

19-NORPREGN-4-ENE-3,20-DIONE, 17-(ACETYLOXY)-16-METHYLENE- (9CI) see: RC8960750

RC8960560 19-NORPREGN-4-ENE-3,20-DIONE, 4-CHLORO-

UPDT:8412 MW: 334.92 MOLFM: C20-H27-Cl-O2

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	scu-mus TDLo:2 mg/kg (1D pre)	85GRAA -,150,65

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8960600 19-NORPREGN-4-ENE-3,20-DIONE, 16-ETHYL-21-((1-OXODODECYL)OXY)-, (16-alpha)-

UPDT:8401 CAS: 67490-00-0 MW: 526.88 MOLFM: C34-H54-O4

SYN: 16-alpha-ETHYL-21-HYDROXY-19-NORPREGN-4-ENE-3,20-DIONE 21-DODECANOATE * 16-alpha-ETHYL-21-((1-OXODODECYL)OXY)-19-NORPREGN-4-ENE-3,20-DIONE * ORG 2154

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	ims-wmn TDLo:4 mg/kg (1D pre)	CCPTAY 25,551,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8960650 19-NORPREGN-4-ENE-3,20-DIONE, 17-alpha-HYDROXY-, ACETATE

UPDT:8412 MW: 358.52 MOLFM: C22-H30-O4

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	orl-mus TDLo:2 mg/kg (1D pre)	85GRAA -,150,65

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8960750 19-NORPREGN-4-ENE-3,20-DIONE, 17-HYDROXY-16-METHYLENE-, ACETATE

UPDT:8405 CAS: 7759-35-5 MW: 370.53 MOLFM: C23-H30-O4

SYN: 17-HYDROXY-16-METHYLENE-19-NORPREGN-4-ENE-3,20-DIONE ACETATE * 16-METHYLENE-17-alpha-ACETOXY-19-NOR-4-PREGNENE-3,20-DIONE * 19-NORPREGN-4-ENE-3,20-DIONE, 17-(ACETYLOXY)-16-METHYLENE- (9CI) * ST-1435

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	imp-wmn TDLo:800 ug/kg (56W pre)	CCPTAY 25,299,82
2T14T22	imp-wmn TDLo:2200 ug/kg (43W pre)	CCPTAY 18,411,78
1T14	imp-wmn TDLo:700 ug/kg (26W pre)	FESTAS 36,737,81

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NORPREGNENINLONE see: RC8975000

19-NORPREGN-4-EN-17-OL, (17-alpha)- (9CI) see: RC8961100

RC8961100 19-NOR-17-alpha-PREGN-4-EN-17-OL

UPDT:8408 CAS: 965-90-2 MW: 288.52 MOLFM: C20-H32-O

SYN: DURABOLIN-O * DURABORAL * ETHYLESTRENOL * ETHYLNANDROL * MAXIBALIN * MAXIBOLIN * NEODURABOLIN * 19-NORPREGN-4-EN-17-OL, (17-alpha)- (9CI) * ORABOLIN * ORG-483 * ORGABOLIN * ORGABORAL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T27	orl-rat TDLo:1 gm/kg (2-6D preg)	FESTAS 22,735,71
1T71	orl-rat TDLo:1 gm/kg (15-19D preg)	FESTAS 22,735,71
1T53	orl-rat TDLo:20 mg/kg (17-20D preg)	ECJPAE 24,77,77
1T03	orl-rat TDLo:15 mg/kg (15D male)	IJMRAQ 59,768,71
3T12T13T29	scu-rat TDLo:28 mg/kg (14D pre)	CCPTAY 5,489,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8961110 19-NOR-17-alpha-PREGN-5-EN-20-YN-17-OL

UPDT:8401 CAS: 16915-71-2 MW: 284.48 MOLFM: C20-H28-O

SYN: CINGESTOL * LUTISAN * 19-NORPREGN-5-EN-20-YN-17-OL, (17-alpha)- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T12	orl-wmn TDLo:1825 ug/kg (52W pre)	CCPTAY 7,503,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8961150 19-NORPREGN-17(20)-EN-3-ONE

UPDT:8401 MW: 286.50 MOLFM: C20-H30-O

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:5 mg/kg (1D pre)	13OPAL -,37,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8961180 19-NOR-17-alpha-PREGN-4-EN-3-ONE, 17,21-DIHYDROXY-

UPDT:8401 MW: 318.50 MOLFM: C20-H30-O3

SYN: 17,21-DIHYDROXY-19-NOR-17-alpha-PREGN-4-EN-3-ONE * 17-beta,21-DIHYDROXY-19-NOR-17-alpha-PREGN-4-EN-3-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:1 mg/kg (1D pre)	13OPAL -,37,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8961200 19-NOR-17-alpha-PREGN-4-EN-3-ONE, 17-HYDROXY-

UPDT:8412 CAS: 52-78-8 MW: 302.50 MOLFM: C20-H30-O2

SYN: 8022 C.B. * 17-ENT * 17-alpha-ETHYL-17-HYDROXYNORANDROSTENONE * 17-alpha-ETHYL-17-HYDROXY-4-NORANDROSTEN-3-ONE * 17-alpha-ETHYL-17-HYDROXY-19-NORANDROST-4-EN-3-ONE * 17-ETHYL-19-NORTESTOSTERONE * 17-alpha-ETHYL-19-NORTESTOSTERONE * 17-HYDROXY-19-NORPREGN-4-EN-3-ONE * 17-HYDROXY-19-NOR-17-alpha-PREGN-4-EN-3-ONE * 17-beta-HYDROXY-19-NOR-17-alpha-PREGN-4-EN-3-ONE * NILEVA * NILEVAR * NORETHANDROLONE * 19-NORETHYLTESTOSTERONE * 19-NOR-17-alpha-ETHYLTESTOSTERONE * 19-NORPREGN-4-EN-3-ONE, 17-HYDROXY-, (17-alpha)- (9CI) * 17-alpha-NORTESTOSTERONE * PRONABOL * SC 5914 * SOLEVAR

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01	orl-man TDLo:24 mg/kg (56D male)	ANYAA9 71,649,58
1T04	orl-man TDLo:9 mg/kg (21D male)	ANYAA9 71,649,58
1T01	orl-man TDLo:174 mg/kg (58W male)	RPHRA6 20,545,64
1T29	orl-wmn TDLo:64 mg/kg (64W pre)	AJOGAH 75,82,58
2T02T04	orl-man TDLo:24 mg/kg (56D male)	FEPRA7 18,1057,59
1T01	orl-man TDLo:12 mg/kg (28D male)	FEPRA7 18,1057,59
1T29	orl-wmn TDLo:4200 ug/kg (21D pre)	SCIEAS 124,891,56
1T14	orl-wmn TDLo:13 mg/kg (21D pre)	AJOGAH 76,626,58
1T53	orl-rat TDLo:20 mg/kg (17-20D preg)	ECJPAE 24,77,77
1T03	orl-rat TDLo:28 mg/kg (14D male)	ANYAA9 71,500,58
1T02	orl-rat TDLo:112 mg/kg (14D male)	ANYAA9 71,500,58
1T22	orl-rat TDLo:100 mg/kg (4D pre)	ENDOAO 59,695,56
2T02T09	scu-rat TDLo:15750 ug/kg (21D male)	PSEBAA 119,340,65
1T53	scu-rat TDLo:200 ug/kg (17-20D preg)	ECJPAE 22,439,75
1T22	scu-rat TDLo:3500 ug/kg (35D pre)	ENDOAO 63,561,58
3T01T02T03	scu-rat TDLo:60 mg/kg (30D male)	AAMMAU 48,199,59
2T12T29	scu-rat TDLo:1400 ug/kg (14D pre)	CCPTAY 5,489,72
1T13	scu-rat TDLo:14 mg/kg (14D pre)	CCPTAY 5,489,72
1T13	unk-rat TDLo:150 mg/kg (30D pre)	RPHRA6 20,395,64
1T13	orl-mus TDLo:1600 ug/kg (1D pre)	85GRAA -,150,65
1T13	scu-mus TDLo:320 ug/kg (1D pre)	85GRAA -,150,65
1T29	orl-rbt TDLo:1500 ug/kg (1D pre)	85GRAA -,57,65
1T29	orl-rbt TDLo:2500 ug/kg (1D pre)	13OPAL -,37,61
1T13	scu-rbt TDLo:200 ug/kg (5D pre)	ANREAK 142,469,62
1T29	scu-rbt TDLo:100 ug/kg (1D pre)	13OPAL -,37,61
1T12	scu-rbt TDLo:25 ug/kg (5D pre)	PSEBAA 94,717,57
2T14T29	scu-gpg TDLo:168 mg/kg (42D pre)	JRPFA4 12,489,66

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8961220 19-NOR-17-alpha-PREGN-5(10)-EN-3-ONE, 17-beta-HYDROXY-

UPDT:8310 MW: 302.50 MOLFM: C20-H30-O2

SYN: 17-beta-HYDROXY-19-NOR-17-alpha-PREGN-5(10)-EN-3-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	unk-rat TDLo:150 mg/kg (30D pre)	RPHRA6 20,395,64
1T29	scu-rbt TDLo:1 mg/kg (1D pre)	13OPAL -,37,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

19-NORPREGN-4-EN-3-ONE, 17-HYDROXY-, (17-alpha)- (9CI) see: RC8961200

RC8961420 19-NOR-17-alpha-PREGN-4-EN-3-ONE, 17-HYDROXY-, ACETATE

UPDT:8401 MW: 344.54 MOLFM: C22-H32-O3

SYN: 17-HYDROXY-19-NOR-17-alpha-PREGN-4-EN-3-ONE ACETATE * 17-beta-HYDROXY-19-NOR-17-alpha-PREGN-4-EN-3-ONE ACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:5 mg/kg (1D pre)	13OPAL -,37,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8961450 19-NOR-17-alpha-PREGN-4-EN-3-ONE, 17-HYDROXY-, and TESTOSTERONE

UPDT:8305 MW: 590.97 MOLFM: C20-H30-O2 C19-H28-O2

SYN: NORETHANDROLONE and TESTOSTERONE * TESTOSTERONE and NORETHANDROLONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01	mul-man TDLo:26285 ug/kg (90D male)	CCPTAY 11,193,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8961500 19-NOR-17-alpha-PREGN-4-EN-20-YNE-3-beta,17-DIOL

UPDT:8306 CAS: 1231-93-2 MW: 300.48 MOLFM: C20-H28-O2

SYN: ED * ETHINODIOL * ETHYNODIOL * 17-alpha-ETHYNYL-19-NORANDROST-4-ENE-3-beta,17-beta-DIOL * 19-NORPREGN-4-EN-20-YNE-3,17-DIOL, (3-beta,17-alpha)- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T85	unk-wmn TDLo:12 mg/kg (6-20W preg)	SCIEAS 211,1171,81
1T53	orl-rat TDLo:100 mg/kg (17-20D preg)	ECJPAE 24,77,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

19-NORPREGN-4-EN-20-YNE-3,17-DIOL, (3-beta,17-alpha)- (9CI) see: RC8961500

19-NORPREGN-4-EN-20-YNE-3,17-DIOL, 17-ACETATE, (3-beta,17-alpha)- (9CI) see: RC8962000

RC8962000 19-NOR-17-alpha-PREGN-4-EN-20-YNE-3-beta,17-DIOL, 17-ACETATE

UPDT:8305 CAS: 2061-46-3 MW: 342.52 MOLFM: C22-H30-O3

SYN: NORETHYNODIOL 17-MONOACETATE * 19-NORPREGN-4-EN-20-YNE-3,17-DIOL, 17-ACETATE, (3-beta,17-alpha)- (9CI) * SC 12222

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-mus TDLo:2400 ug/kg (4-6D preg)	JRPFA4 9,277,65

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8963000 19-NOR-17-alpha-PREGN-4-EN-20-YNE-3-beta,17-DIOL DIACETATE

UPDT:8408 CAS: 297-76-7 MW: 384.56 MOLFM: C24-H32-O4

SYN: 8080 C. B. * CERVICUNDIN * 3-beta, 17-beta-DIACETOXY-17-alpha-ETHYNYL-4-OESTRENE * 3-beta,17-beta-DIACETOXY-19-NOR-17-alpha-PREGN-4-EN-20-YNE * ETHINODIOL DIACETATE * ETHYNODIOL ACETATE * ETHYNODIOL DIACETATE * beta-ETHYNODIOL DIACETATE * 17-alpha-ETHYNYL-3,17-DIHYDROXY-4-ESTRENE DIACETATE * 17-alpha-ETHYNYLESTR-4-ENE-3-beta,17-beta-DIOL ACETATE * 17-alpha-ETHYNYL-4-ESTRENE-3-beta,17-beta-DIOL DIACETATE * 17-alpha-ETHYNYL-4-ESTRENE-3-beta,17-DIOL DIACETATE * 17-alpha-ETHYNYL-19-NORANDROST-4-ENE-3-beta,17-beta-DIOL DIACETATE * FEMULEN * LUTO-METRODIOL * METRODIOL * METRODIOL DIACETATE * (3-beta,17-alpha)-19-NORPREGN-4-EN-20-YNE-3,17-DIOL DIACETATE * OVULEN 50 * SC 11800

MUTATION DATA AND REFERENCES:

	oms-mus-par 16 ug/kg	AJOGAH 120,390,74
	oms-mus:oth 100 ug/L	AJOGAH 120,390,74
	oms-dom:oth 100 ug/L	AJOGAH 120,390,74
	cyt-ctl:oth 10 mg/L	AJOGAH 120,390,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	orl-wmn TDLo:840 ug/kg (21D pre)	SCIEAS 138,439,62
1T14	orl-wmn TDLo:840 ug/kg (24W pre)	FESTAS 25,927,74
1T13	orl-rat TDLo:700 ug/kg (14D pre)	FESTAS 24,284,73
2T02T03	orl-rat TDLo:6 mg/kg (30D male)	IJEBA6 9,132,71
2T02T03	skn-rat TDLo:240 mg/kg (30D male)	STEDAM 10,687,67
2T02T03	scu-rat TDLo:16500 ug/kg (60D male)	ENDKAC 49,55,65
1T01	scu-rat TDLo:48 mg/kg (12D male)	INJFA3 13,95,68
1T12	scu-rat TDLo:1400 ug/kg (14D pre)	CCPTAY 5,57,72
1T13	scu-rat TDLo:140 mg/kg (14D pre)	CCPTAY 5,57,72
1T22	scu-mus TDLo:1560 ug/kg (1-3D preg)	JRPFA4 9,277,65

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 6,173,74
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED	IARC** 21,387,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8963200 19-NOR-17-alpha-PREGN-4-EN-20-YNE-3,17-beta-DIOL, DIACETATE

UPDT:8302 MW: 384.56 MOLFM: C24-H32-O4

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-rat TDLo:7 mg/kg (35D pre)	RPHRA6 20,395,64
1T13	unk-rat TDLo:15 mg/kg (30D pre)	RPHRA6 20,395,64

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8963300 19-NOR-17-alpha-PREGN-5(10)-EN-20-YNE-3,17-beta-DIOL, DIACETATE

UPDT:8302 MW: 384.56 MOLFM: C24-H32-O4

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	unk-rat TDLo:15 mg/kg (30D pre)	RPHRA6 20,395,64

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(3-beta,17-alpha)-19-NORPREGN-4-EN-20-YNE-3,17-DIOL DIACETATE see: RC8963000

RC8964000 19-NOR-17-alpha-PREGN-4-EN-20-YNE-3-beta,17-DIOL DIACETATE mixed with 3-METHOXY-19-NOR- 17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YN-17-OL
UPDT:8408
SYN: ETHYNODIOL DIACETATE mixed with MESTRANOL * MESTRANOL mixed with ETHYNODIOL DIACETATE

TUMORIGENIC DATA AND REFERENCES:

2V02L60	orl-wmn TDLo:15 mg/kg/78W-I	JAMAAP 235,730,76

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:3900 kg	27ZTAP 3,69,69

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CMROCX 4,309,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8964200 19-NOR-17-alpha-PREGN-4-EN-20-YNE-3-beta,17-DIOL mixed with 3-METHOXY-17-alpha-19- NORPREGNA-1,3,5(10)-TRIEN-20-YN-17-OL
UPDT:8403 CAS: 8056-92-6 MW: 695.03 MOLFM: C24-H32-O4 C21-H26-O2
SYN: ETHYNODIOL mixed with MESTRANOL * MESTRANOL mixed with ETHYNODIOL * OVULEN

TUMORIGENIC DATA AND REFERENCES:

3V01L60U01	orl-wmn TDLo:63504 ug/kg/12Y-I	LANCAO 1,273,80
1V02	orl-mus TDLo:186 mg/kg/93W-C	GMCRDC 17,205,75

TOXICITY DATA AND REFERENCES:

1R03	orl-wmn TDLo:220 ug/kg/2W	ARDEAC 113,333,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: TJADAB 21,225,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

19-NORPREGN-5-EN-20-YN-17-OL, (17-alpha)- (9CI) see: RC8961110

RC8964300 19-NOR-17-alpha-PREGN-4-EN-20-YN-17-OL
UPDT:8408 CAS: 52-76-6 MW: 284.48 MOLFM: C20-H28-O
SYN: 3-DESOXYNORLUTIN * ETHINYLESTRENOL * delta(sup 4)-17-alpha-ETHINYLESTREN-17-beta-OL * 17-alpha-ETHINYL-17-beta-HYDROXYESTR-4-ENE * 17-alpha-ETHINYL-17-beta-HYDROXYOESTR-4-ENE * ETHINYLOESTRANOL * ETHINYL OESTRENOL * delta(sup 4)-17-alpha-ETHINYLOESTREN-17-beta-OL * 17-alpha-ETHYNIL-delta-4-ESTRENE-17-beta-OL * ETHYNYLESTRENOL * 17-alpha-ETHYNYLESTRENOL * 17-alpha-ETHYNYLESTR-4-EN-17-beta-OL * ETHYNLOESTRENOL * 17-alpha-ETHYNYLOESTRENOL * 17-alpha-ETHYNYLOESTR-4-EN-17-beta-OL * EXLUTEN * EXLUTION * EXLUTON * EXLUTONA * LINESTRENOL * LYNENOL * LYNESTRENOL * LYNOESTRENOL * (17-alpha)-19-NORPREGN-4-EN-20-YN-17-OL * NSC-37725 * ORG 485-50 * ORGAMETIL * ORGAMETRIL * ORGAMETROL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T19T29	orl-wmn TDLo:320 ug/kg (23D pre)	CCPTAY 15,197,77
1T22	orl-wmn TDLo:5600 ug/kg (80W pre)	CCPTAY 8,315,73
1T14	orl-wmn TDLo:280 ug/kg (28D pre)	INJFA3 18,246,73
1T22	imp-wmn TDLo:5 mg/kg (39W pre)	CCPTAY 18,411,78
2T02T03	orl-rat TDLo:35 mg/kg (14D male)	ACENA7 41,351,62
2T22T24	orl-rat TDLo:7500 ug/kg (1-5D preg)	CUSCAM 50,64,81
1T13	orl-rat TDLo:375 ug/kg (3D pre)	ACENA7 41,351,62
1T53	orl-rat TDLo:100 mg/kg (17-20D preg)	ECJPAE 24,77,77
1T29	orl-rat TDLo:80 mg/kg (4D pre)	ACENA7 41,351,62
2T22T24	ipr-rat TDLo:7500 ug/kg (1-5D preg)	CUSCAM 50,64,81
1T24	scu-rat TDLo:20 mg/kg (2-5D preg)	FESTAS 22,741,71
1T29	scu-rat TDLo:9 mg/kg (3D pre)	ACENA7 47,444,64
1T12	scu-rat TDLo:28 mg/kg (14D pre)	CCPTAY 5,57,72
1T13	scu-rat TDLo:280 mg/kg (14D pre)	CCPTAY 5,57,72
1T22	orl-mus TDLo:51900 ug/kg (3D pre)	MUREAV 26,529,74
3T25T27T35	orl-rbt TDLo:1300 ug/kg (6-18D preg)	ARTODN 52,23,83
3T41T42T46	orl-rbt TDLo:1300 ug/kg (6-18D preg)	ARTODN 52,23,83
1T47	orl-rbt TDLo:1300 ug/kg (6-18D preg)	ARTODN 52,23,83

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 21,407,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(17-alpha)-19-NORPREGN-4-EN-20-YN-17-OL see: RC8964300

RC8964440 19-NOR-17-alpha-PREGN-4-EN-20-YN-17-beta-OL, 3-(CYCLOPENTYLOXY)-, ACETATE (ester)
UPDT:8302 MW: 408.63 MOLFM: C27-H36-O3
SYN: 3-(CYCLOPENTYLOXY)-19-NOR-17-alpha-PREGN-4-EN-20-YN-17-beta-OL ACETATE (ester) * ENTAc-6 * 17-alpha-ETHYNYL-19-NORTESTOSTERONE ACETATE CYCLOPENTYL ENOL ETHER

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T02T03	orl-rat TDLo:120 mg/kg (48D male)	IJMRAQ 53,1180,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8964500 19-NOR-17-alpha-PREGN-4-EN-20-YN-17-OL mixed with 3-METHOXY-19-NOR-17-alpha-PREGNA- 1,3,5(10)-TRIEN-20-YN-17-OL
UPDT:8405 CAS: 8015-14-3 MW: 594.95 MOLFM: C21-H26-O2 C20-H28-O
SYN: LYNDIOL * LYNESTRENOL mixed with MESTRANOL * LYNOESTRENOL mixed with MESTRANOL * LYNESTROL mixed with MESTRANOL * MESTRANOL mixed with LYNESTRENOL * MESTRANOL mixed with LYNESTROL * NORACYCLINE * OVANON * OVARIOSTAT (French) * RESTOVAR * SISTOMETRENOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	orl-mus TDLo:649 ug/kg (3D pre)	IRLCDZ 6,307,78

TUMORIGENIC DATA AND REFERENCES:

2V01L60	orl-wmn TDLo:32 mg/kg/130W-I	MJAUAJ 2,223,78
2V02L60	orl-wmn TD :104 mg/kg/10Y-I	MJAUAJ 2,223,78
2V02L60	orl-wmn TD :91 mg/kg/7Y-I	NPMDAD 5,3014,76
2V01L60	orl-wmn TD :34 mg/kg/2Y-I	HEGAD4 29,187,82

TOXICITY DATA AND REFERENCES:

3J22K13U25	orl-wmn TDLo:22 mg/kg/2Y-I	LANCAO 1,1479,73

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8964800 19-NOR-17-alpha-PREGN-5(10)-EN-20-YN-3-ONE
UPDT:8412
SYN: 17-alpha-ETHYNYLESTRA-delta(sup 5)-10-ENOLONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	unk-mus TDLo:60 mg/kg (1D pre)	FESTAS 12,346,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8965000 19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE, 17-ACETOXY-
UPDT:8407 CAS: 51-98-9 MW: 340.50 MOLFM: C22-H28-O3
SYN: 17-ACETOXY-19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE * 17-beta-ACETOXY-19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE * (17-alpha)-17-(ACETYLOXY)-19-NORPREGN-4-EN-20-YN-3-ONE * 17-ACETYLOXY(17-alpha)-19-NORPREGN-4-ESTREN-17-beta-OL-ACETATE-3-ONE * 17-ENT * ENTA * 17-alpha-ETHINYL-19-NORTESTOSTERONE ACETATE * 17-alpha-ETHINYL-19-NORTESTOSTERONE-17-beta-ACETATE * 17-alpha-ETHYNYL-17-beta-ACETOXY-19-NORANDROST-4-EN-3-ONE * 17-alpha-ETHYNYL-17-HYDROXYESTR-4-EN-3-ONE ACETATE * 17-alpha-ETHYNYL-19-NORTESTOSTERONE ACETATE * 17-HYDROXY-19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE ACETATE * 17-beta-HYDROXY-19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE ACETATE * NORETHINDRONE ACETATE * NORETHINDRONE 17-ACETATE * NORETHISTERON ACETATE * NORETHISTERONE ACETATE * 19-NORETHISTERONE ACETATE * NORETHYNYLTESTOSTERONE ACETATE * 19-NORETHYNYLTESTOSTERONE ACETATE * NORETHYSTERONE ACETATE * NORLUTATE * NORLUTINE ACETATE * ORLUTATE

MUTATION DATA AND REFERENCES:

	dlt-mus-orl 1120 mg/kg/4W	MUREAV 26,535,74
	spm-mus-orl 11200 mg/kg/4W	MUREAV 26,535,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-wmn TDLo:2190 ug/kg (52W pre)	BMJOAE 2,730,69
1T14	orl-wmn TDLo:2 mg/kg (20D pre)	PRSMA4 53,435,60
1T29	orl-wmn TDLo:1150 ug/kg (23D pre)	AJOGAH 84,1470,62
1T17	imp-wmn TDLo:45 ug/kg (15D post)	CCPTAY 16,383,77
1T22	imp-wmn TDLo:366 ug/kg (21W pre)	CCPTAY 11,505,75
1T53	unk-wmn TDLo:15 mg/kg (13-30W preg)	OBGNAS 22,210,63
1T22	orl-rat TDLo:102 mg/kg (30D pre)	PSEBAA 108,3,61
1T22	orl-rat TDLo:6 mg/kg (1-3D preg)	RPTOAN 43,2,80
1T14	orl-rat TDLo:408 mg/kg (30D pre)	PSEBAA 108,3,61
1T13	orl-rat TDLo:7 mg/kg (14D pre)	FESTAS 24,284,73
1T29	scu-rat TDLo:7 mg/kg (14D pre)	CCPTAY 5,57,72
1T12	scu-rat TDLo:2800 ug/kg (14D pre)	CCPTAY 5,57,72
1T35	scu-rat TDLo:50 mg/kg (15-24D preg)	BNEOBV 24,57,74
2T53T72	scu-rat TDLo:150 mg/kg (14-19D preg)	ENDOAO 71,448,62
2T31T55	scu-rat TDLo:55 mg/kg (15-25D preg)	BNEOBV 24,57,74
1T53	scu-rat TDLo:60 mg/kg (17-20D preg)	AVBIB9 13,71,74
1T13	scu-rat TDLo:70 mg/kg (14D pre)	CCPTAY 5,57,72
2T24T25	imp-rat TDLo:25800 ug/kg (17W pre)	CCPTAY 12,549,75
1T53	scu-mus TDLo:80 mg/kg (16-19D preg)	OBGNAS 23,359,64
2T22T24	scu-mus TDLo:20 mg/kg (1-4D preg)	CCPTAY 21,537,80
1T13	orl-dog TDLo:4 mg/kg (5D pre)	CCPTAY 12,529,75
1T29	orl-rbt TDLo:3 mg/kg (3D pre)	ENDOAO 81,1251,67
1T24	scu-rbt TDLo:125 ug/kg (1D pre)	IJPAAO 35,100,73
1T24	imp-rbt TDLo:7500 ug/kg (17W pre)	CCPTAY 12,549,75

TUMORIGENIC DATA AND REFERENCES:

3V03L60U01	orl-rat TDLo:303 ug/kg/2Y-C	JTEHD6 6,895,80

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CMROCX 4,309,76	
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 6,179,74
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED	IARC** 21,441,79

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8973000 19-NOR-17-alpha-PREGNEN-20-YNONE, 17-beta-HEPTANOYLOXY-
UPDT:8408 CAS: 3836-23-5 MW: 410.65 MOLFM: C27-H38-O3
SYN: 17-alpha-ETHYNYL-17-beta-HEPTANOYLOXY-4-ESTREN-3-ONE * 17-alpha-ETHINYL-19-NORTESTOSTERONE ENANTHATE * 17-beta-HEPTANOYLOXY-17-alpha-ETHYNYL-4-OESTREN-3-ONE * NE * NEE * NORETHINDRONE ENANTHATE * NORETHISTERONE ENANTHATE * NORETHISTERONE OENANTHATE * NORIGEST * NORLUTIN ENANTHATE * SH 393

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T14T22	ims-wmn TDLo:4 mg/kg (1D pre)	CCPTAY 5,21,72
1T22	ims-wmn TDLo:4 mg/kg (1D pre)	AZOGBS 11,233,71
1T22	ims-wmn TDLo:4 mg/kg (1D pre)	INJFA3 13,415,68
1T22	ims-wmn TDLo:24 mg/kg (6D pre)	CCPTAY 25,333,82
1T14	ims-wmn TDLo:12 mg/kg (3D pre)	IJMRAQ 69,93,79
1T53	scu-rat TDLo:150 mg/kg (14-19D preg)	ENDOAO 71,448,62
2T02T03	ims-rat TDLo:48 mg/kg (1D male)	CCPTAY 24,61,81
1T13	scu-dog TDLo:4 mg/kg (5D pre)	CCPTAY 12,529,75
2T53T71	ims-mky TDLo:475 mg/kg (4-23W preg)	AJOGAH 89,701,64
2T24T29	imp-rbt TDLo:5038 ug/kg (56D pre/1-9D preg)	IJEBA6 19,416,81

TUMORIGENIC DATA AND REFERENCES:

3V02N60R60	ims-rat TDLo:7000 mg/kg/70W	36PYAS -,163,77

TOXICITY DATA AND REFERENCES:

1D19	ivn-wmn TDLo:4 mg/kg	ADVPB4 8,103,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

19-NORPREGN-4-EN-20-YN-3-ONE, 10-HYDROPEROXY-17-HYDROXY-, (17-alpha)- (9CI) see: RC8974500

RC8974500 19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE, 10-HYDROPEROXY-17-HYDROXY-
UPDT:8308 CAS: 1238-54-6 MW: 330.46 MOLFM: C20-H26-O4
SYN: 10-beta-HYDROPEROXY-17-alpha-ETHYNYL-4-ESTREN-17-beta-OL-3-ONE * 19-NORPREGN-4-EN-20-YN-3-ONE, 10-HYDROPEROXY-17-HYDROXY-, (17-alpha)- (9CI) * SCH 10015

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-rat TDLo:55 mg/kg (11D pre)	JOENAK 33,241,65
1T12	orl-rat TDLo:225 mg/kg (45D pre)	JOENAK 33,241,65
1T22	orl-rat TDLo:10 mg/kg (2-3D preg)	JOENAK 33,241,65
1T13	scu-mus TDLo:5040 ug/kg (3D pre)	FESTAS 20,211,69
1T24	scu-rbt TDLo:6 mg/kg (1-3D preg)	FESTAS 20,211,69
1T53	scu-rbt TDLo:3 mg/kg (1-3D preg)	FESTAS 20,211,69
1T24	unk-rbt TDLo:1500 ug/kg (1-3D preg)	CCPTAY 2,85,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

17-alpha-19-NORPREGN-4-EN-20-YN-3-ONE, 17-HYDROXY- see: RC8975000

RC8975000 19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-
UPDT:8412 CAS: 68-22-4 MW: 298.46 MOLFM: C20-H26-O2
SYN: ANHYDROHYDROXYNORPROGESTERONE * ENT * 17-alpha-ETHINYLESTRA-4-EN-17-beta-OL-3-ONE * 17-alpha-ETHINYL-17-beta-HYDROXY-delta(sup:4) ESTREN-3-ONE * ETHINYLNORTESTOSTERONE * ETHINYL-19-NORTESTOSTERONE * 17-ETHINYL-19-NORTESTOSTERONE * 17-alpha-ETHINYL-19-NORTESTOSTERONE * 17-alpha-ETHYNYL-4-ESTREN-17-OL-3-ONE * 17-alpha-ETHYNYL-17-HYDROXY-4-ESTREN-3-ONE * 17-alpha-ETHYNYL-17-beta-HYDROXYESTR-4-EN-3-ONE * 17-alpha-ETHYNYL-17-beta-HYDROXY-4-ESTREN-3-ONE * 17-alpha-ETHYNYL-17-beta-HYDROXY-19-NORANDROST-4-EN-3-ONE * 17-alpha-ETHYNYL-19-NORANDROST-4-EN-17-beta-OL-3-ONE * 17-alpha-ETHYNYL-19-NOR-4-ANDROSTEN-17-beta-OL-3-ONE * 17-alpha-ETHYNYL-19-NORTESTOSTERONE * (17-alpha)-17-HYDROXY-19-NORPREGN-4-EN-20-YN-3-ONE * 17-HYDROXY-17-alpha-19-NORPREGN-4-EN-20-YN-3-ONE * 17-HYDROXY-19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE * 17-beta-HYDROXY-19-NORPREGN-4-EN-20-YN-3-ONE * MICRONOR * NET * NORETHINDRONE * 19-NORETHINYLTESTOSTERONE * 19-NOR-ETHINYL--4,5-TESTOSTERONE * NORETHISTERON * NORETHISTERONE * 19-NORETHISTERONE * NORETHYNDRON * NORETHYNODRONE * 19-NOR-17-alpha-ETHYNYLANDROSTEN-17-beta-OL-3-ONE * 19-NOR-17-alpha-ETHYNYL-17-beta-HYDROXY-4-ANDROSTEN-3-ONE * 19-NOR-17-ETHINYLTESTOSTERONE * 19-NOR-17-alpha-ETHYNYLTESTOSTERONE * NORLUTIN * NORPREGNENINLONE * 17-alpha-19-NORPREGN-4-EN-20-YN-3-ONE, 17-HYDROXY- * NOR-Q.D.

MUTATION DATA AND REFERENCES:

	dni-hmn:lym 50 umol/L	PSEBAA 146,401,74
	oms-mus:oth 10 ug/L	AJOGAH 120,390,74
	oms-dom:oth 100 ug/L	AJOGAH 120,390,74
	oms-mam:oth 100 ug/L	AJOGAH 120,390,74
	cyt-mam:oth 100 ug/L	AJOGAH 120,390,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	orl-wmn TDLo:1 mg/kg (20D pre)	PRSMA4 53,435,60
2T13T29	orl-wmn TDLo:4 mg/kg (20D pre)	AJOGAH 85,427,63
3T01T04T09	orl-man TDLo:7143 ug/kg (25D male)	ACENA7 37,75,61
2T14T29	orl-wmn TDLo:4200 ug/kg (21D pre)	SCIEAS 124,891,56
1T53	orl-wmn TDLo:37800 ug/kg (7-24W preg)	JCEMAZ 19,1369,59
2T22T29	orl-wmn TDLo:210 ug/kg (30D pre)	OBGNAS 41,585,73
3T01T02T04	orl-man TDLo:18 mg/kg (42D male)	FEPRA7 18,1057,59
1T05	orl-man TDLo:18 mg/kg (42D male)	FEPRA7 18,1057,59
1T53	orl-wmn TDLo:28 mg/kg (5-25W preg)	AJDCAI 106,586,63

1T53	orl-wmn TDLo:63 mg/kg (10-39W preg)	AJOGAH 84,962,62
1T14	orl-wmn TDLo:2190 ug/kg (52W pre)	ACEDAB 144,7,70
1T17	orl-wmn TDLo:7 ug/kg (1D post)	AJOGAH 127,245,77
1T53	orl-wmn TDLo:37800 ug/kg (7-24W preg)	JCEMAZ 19,1369,59
1T22	imp-wmn TDLo:230 ug/kg (26W pre)	CCPTAY 18,411,78
1T29	unk-wmn TDLo:131 ug/kg (52W pre)	CCPTAY 22,259,80
2T46T53	unk-wmn TDLo:4200 ug/kg (6-8W preg)	NEJMAG 268,255,63
1T53	unk-wmn TDLo:14 mg/kg (6-39W preg)	FESTAS 11,148,60
1T85	unk-wmn TDLo:12 mg/kg (6-20W preg)	SCIEAS 211,1171,81
1T53	unk-wmn TDLo:76 mg/kg (6-32W preg)	PEDIAU 26,151,60
1T12	unk-wmn TDLo:84 ug/kg (12D pre)	FESTAS 23,739,72
1T29	orl-rat TDLo:50 mg/kg (5D pre)	ARZNAD 33,231,83
1T03	orl-rat TDLo:28 mg/kg (14D male)	ANYAA9 71,500,58
3T34T44T46	orl-rat TDLo:188 mg/kg (15-17D preg)	IJEBA6 21,591,83
1T53	orl-rat TDLo:100 mg/kg (17-20D preg)	ECJPAE 24,77,77
1T34	orl-rat TDLo:20 mg/kg (6-9D preg)	OYYAA2 15,955,78
1T22	orl-rat TDLo:50 mg/kg (1D pre)	ENDOAO 59,695,56
1T14	orl-rat TDLo:60 mg/kg (12D pre)	ARZNAD 29,95,79
1T22	scu-rat TDLo:17500 ug/kg (7D pre)	CCPTAY 12,511,75
1T12	scu-rat TDLo:400 ug/kg (10D pre)	PSEBAA 119,340,65
1T34	scu-rat TDLo:2 mg/kg (6-9D preg)	OYYAA2 15,955,78
1T16	scu-rat TDLo:15 mg/kg (15-24D preg)	PSEBAA 123,867,66
1T53	scu-rat TDLo:17500 ug/kg (15-21D preg)	ACENA7 38,128,61
1T29	scu-rat TDLo:500 ug/kg (2D pre)	ACEDAB 105,1,66
2T02T03	scu-rat TDLo:15750 ug/kg (21D male)	PSEBAA 119,340,65
1T23	scu-rat TDLo:5250 ug/kg (7D male)	CCPTAY 12,511,75
2T16T53	par-rat TDLo:62500 ug/kg (15-19D preg)	ENDOAO 78,965,66
1T13	unk-rat TDLo:1500 ug/kg (30D pre)	RPHRA6 20,395,64
2T25T35	orl-mus TDLo:80 mg/kg (8-15D preg)	PSEBAA 121,455,66
1T34	orl-mus TDLo:200 mg/kg (6-7D preg)	OYYAA2 15,955,78
1T13	orl-mus TDLo:360 ug/kg (1D pre)	PSEBAA 119,340,65
1T25	scu-mus TDLo:2 mg/kg (6-7D preg)	OYYAA2 15,955,78
1T24	scu-mus TDLo:50 mg/kg (4D preg)	JRPFA4 3,239,62
1T13	scu-mus TDLo:120 ug/kg (1D pre)	PSEBAA 119,340,65
2T26T29	par-mus TDLo:12 mg/kg (1-3D preg)	JOENAK 20,299,60
1T13	ivg-mus TDLo:6400 ng/kg (1D pre)	JOENAK 20,198,60
1T14	orl-mky TDLo:7 mg/kg (14D pre)	PSEBAA 94,298,57
2T01T02	ihl-mky TCLo:30 ug/kg/30M (60D male)	BIREBV 22,935,80
1T29	ihl-mky TDLo:18 ug/kg (10D pre)	NATUAS 270,532,77
1T14	ihl-mky TDLo:34 ug/kg (10D pre)	NATUAS 270,532,77
1T14	ims-mky TDLo:3 mg/kg (3D pre)	BIREBV 30,886,84
1T29	ims-mky TDLo:800 ug/kg (8D pre)	FESTAS 39(Suppl),419,83
1T27	imp-mky TDLo:186 ug/kg (1-31D preg)	CCPTAY 25,97,82
2T13T29	ivg-mky TDLo:24820 ug/kg (52W pre)	CCPTAY 20,339,79
1T12	ivg-mky TDLo:2847 ug/kg (52W pre)	CCPTAY 20,339,79
2T25T35	orl-rbt TDLo:39 mg/kg (8-20D preg)	PSEBAA 121,455,66
1T29	orl-rbt TDLo:150 ug/kg (1D pre)	13OPAL -,37,61
1T29	orl-rbt TDLo:125 ug/kg (1D pre)	85GRAA -,57,65
1T21	orl-rbt TDLo:313 ug/kg (1D pre)	ACEDAB 73,17,63
1T24	skn-rbt TDLo:500 ug/kg (1D pre)	STEDAM 7,341,66
1T29	skn-rbt TDLo:500 ug/kg (1D pre)	STEDAM 5,699,65
1T22	scu-rbt TDLo:1250 ug/kg (5D pre)	CCPTAY 12,189,75
1T13	scu-rbt TDLo:2500 ug/kg (5D pre)	ANREAK 142,469,62
1T24	scu-rbt TDLo:15 mg/kg (5-7D preg)	JRPFA4 3,246,62
2T21T29	scu-rbt TDLo:37500 ng/kg (1D pre)	ACEDAB 73,3,63
1T29	scu-rbt TDLo:5 mg/kg (1D pre)	ACEDAB 28,18,56
1T24	unk-rbt TDLo:300 ug/kg (1-3D preg)	CCPTAY 2,85,70
2T52T53	scu-gpg TDLo:86 mg/kg (18-60D preg)	FESTAS 19,606,68
2T19T21	par-ham TDLo:2400 ug/kg (3D pre)	JRPFA4 37,269,74

TUMORIGENIC DATA AND REFERENCES:

2V03T63	scu-mus TDLo:163 mg/kg/78W-C	BJCAAI 21,153,67
2V03V08	imp-mus TDLo:166 mg/kg/77W-C	NATUAS 212,686,66

TOXICITY DATA AND REFERENCES:

2N16R03	orl-wmn TDLo:42 mg/kg	AJOGAH 84,962,62
*	orl-mus LD50:12 gm/kg	NIIRDN 6,566,82

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: COGYAK 16(4),37,73; PCNAA8 8,413,61; ARVPAX 5,447,65; CMROCX 4,309,76; ACEDAB 51,671,60

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 6,179,74
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 21,441,79

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8980000 19-NOR-17-alpha-PREGN-5(10)-EN-20-YN-3-ONE, 17-HYDROXY-

UPDT:8412 CAS: 68-23-5 MW: 298.46 MOLFM: C20-H26-O2

SYN: 17-alpha-ETHINYL-delta(super)-5,10-19-NORTESTOSTERONE * 17-alpha-ETHINYL-5,10-ESTRENOLONE * 17-ETHINYL-5(10)-ESTRAENEOLONE * 17-alpha-ETHINYL-ESTRA(5,10)ENEOLONE * 17-alpha-ETHYNYL-5(10)-ESTREN-17-OL-3-ONE * 17-alpha-ETHYNYLESTR-5(10)-EN-17-beta-OL-3-ONE * 17-alpha-ETHYNYL-ESTR-5(10)-EN-3-ON-17-beta-OL * 17-alpha-ETHYNYL-17-HYDROXYESTR-5(10)-EN-3-ONE * 17-alpha-ETHYNYL-17-HYDROXY-5(10)-ESTREN-3-ONE * 17-alpha-ETHYNYL-17-beta-HYDROXY-5(10)-ESTREN-3-ONE * 17-alpha-ETHYNYL-17-beta-HYDROXYESTER-5(10)-EN-3-ONE * 17-alpha-ETHINYL-17-beta-HYDROXY-delta(sup 5(10))-ESTREN-3-ONE * 17-alpha-ETHYNYL-17-beta-HYDROXY-delta(sup 5(10))-ESTREN-3-ONE * 17-alpha-ETHYNYL-17-beta-HYDROXY-3-OXO-delta(sup 5(10))-ESTRENE * 17-alpha-ETHYNYL-19-NOR-5(10)-ANDROSTEN-17-beta-OL-3-ONE * 17-HYDROXY-19-NOR-17-alpha-PREGN-5(10)-EN-20-YN-3-ONE * (17-alpha)-17-HYDROXY-19-NORPREGN-5(10)-EN-20-YN-3-ONE * 17-HYDROXY(17-alpha)-19-NORPREGN-5(10)-EN-20-YN-3-ONE * 17-beta-HYDROXY-17-alpha-ETHINYL-5(10)-ESTREN-3-ONE * LYNESTROL * NORETHINODREL * 19-NOR-ETHINYL-5,10-TESTOSTERONE * NORETHINYNODREL * NORETHYNODRAL * NORETHYNODREL * 19-NORETHYNODREL * NSC-15432 * SC-4642

MUTATION DATA AND REFERENCES:

	dni-hmn:lym 50 umol/L	PSEBAA 146,401,74
	oms-mus-par 16 ug/kg	AJOGAH 120,390,74
	cyt-mus:oth 10 mg/L	AJOGAH 120,390,74
	oms-ctl:oth 10 mg/L	AJOGAH 120,390,74
	oms-dom:oth 74100 ug/L	AJOGAH 120,390,74
	cyt-ctl:oth 100 ug/L	AJOGAH 120,390,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	orl-wmn TDLo:8 mg/kg (16W pre)	AJOGAH 75,82,58
1T14	orl-wmn TDLo:8 mg/kg (20D pre)	PRSMA4 55,861,62
1T22	orl-wmn TDLo:480 mg/kg (26W pre)	AJOGAH 75,1333,58
2T19T22	orl-wmn TDLo:1 mg/kg (20D pre)	FESTAS 16,158,65
2T14T29	orl-wmn TDLo:4200 ug/kg (21D pre)	SCIEAS 124,891,56
1T11	orl-rat TDLo:25 mg/kg (1D pre)	ENDOAO 75,359,64
1T24	orl-rat TDLo:10 mg/kg (2-3D preg)	STEDAM 4,801,64
1T22	orl-rat TDLo:10 mg/kg (2-3D preg)	JOENAK 33,241,65
1T53	orl-rat TDLo:100 mg/kg (17-20D preg)	ECJPAE 24,77,77
3T25T71T72	orl-rat TDLo:150 mg/kg (10-12D preg)	NATUAS 197,308,63
2T02T03	orl-rat TDLo:12 mg/kg (30D male)	IJEBA6 9,132,71
1T13	orl-rat TDLo:2100 ug/kg (14D pre)	FESTAS 24,284,73
2T02T03	skn-rat TDLo:240 mg/kg (30D male)	STEDAM 10,687,67
1T12	scu-rat TDLo:1400 ug/kg (14D pre)	CCPTAY 5,57,72
2T02T03	scu-rat TDLo:3 mg/kg (30D male)	ANYAA9 71,516,58
3T25T26T53	scu rat TDLo:66400 ng/kg (10-17D preg)	IJEBA6 5,14,67
1T22	scu-rat TDLo:500 ug/kg (3D preg)	ENDOAO 63,566,58
1T24	scu-rat TDLo:500 ug/kg (3D preg)	ENDOAO 63,566,58
1T29	scu-rat TDLo:12600 ug/kg (3D pre)	ACENA7 47,444,64
1T15	scu-rat TDLo:60 mg/kg (17-20D preg)	AVBIB9 13,71,74
3T12T13T14	par-rat TDLo:9600 ug/kg (48D pre)	JOENAK 24,497,62
1T29	unk-rat TDLo:25 mg/kg (1D pre)	15QWAW -,195,65
3T25T35T43	orl-mus TDLo:80 mg/kg (8-15D preg)	PSEBAA 121,455,66
1T42	orl-mus TDLo:450 ug/kg (8-10D preg)	TJADAB 3,339,70
2T25T35	orl-mus TDLo:900 ug/kg (11-13D preg)	TJADAB 3,339,70
2T24T29	ipr-mus TDLo:12 mg/kg (2D preg)	JOENAK 27,99,63
1T25	ipr-mus TDLo:240 mg/kg (8-10D preg)	JOENAK 27,99,63
1T29	orl-rbt TDLo:50 ug/kg (1D pre)	13OPAL -,37,61
1T24	orl-rbt TDLo:4600 ug/kg (1-2D preg)	FESTAS 15,97,64
1T13	scu-rbt TDLo:5 mg/kg (5D pre)	ANREAK 142,469,62
1T29	scu-rbt TDLo:50 ug/kg (1D pre)	ENDOAO 59,695,56
2T19T21	par-ham TDLo:2400 ug/kg (3D pre)	JRPFA4 37,269,74

TUMORIGENIC DATA AND REFERENCES:

2V03L30	orl-rat TDLo:60 mg/kg/17W-C	PAACA3 21,76,80
2V03T63	scu-mus TDLo:135 mg/kg/83W-C	BJCAAI 21,153,67
2V03V08	imp-mus TDLo:119 mg/kg/77W-C	NATUAS 212,686,66

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ACEDAB 75(185),169,74; COGYAK 16(4),37,73

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 6,191,74
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 21,461,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8982000 17-alpha-19-NORPREGN-4-EN-20-YN-3-ONE, 17-beta-HYDROXY-, ACETATE

UPDT:8302 MW: 340.50 MOLFM: C22-H28-O3

SYN: 17-beta-HYDROXY-17-alpha-19-NORPREGN-4-EN-20-YN-3-ONE ACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T22T26	par-rat TDLo:7500 ug/kg (1-3D preg)	STEDAM 4,657,64

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8990000 19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-, ACETATE mixed with 19-NOR-17-alpha- PREGNA-1,3,5-(10)-TRIEN-20-YNE-3,17-DIOL

UPDT:8412 CAS: 8015-12-1 MW: 636.94 MOLFM: C22-H28-O3 C20-H24-O2

SYN: ANOVLAR 21 * CONTROVLAR * ETHINYLESTRADIOL and NORETHINDRONE ACETATE * ETHINYL OESTRADIOL mixed with NORETHISTERONE ACETATE * GYN-ANOVLAR * GYNONLAR 21 * MINORLAR * NORETHINDRONE ACETATE and ETHINYLESTRADIOL * NORETHISTERONE ACETATE mixed with ETHINYL OESTRADIOL * MINOVLAR * NORLESTRIN * PRIMODOS

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T17	orl-wmn TDLo:1176 ug/kg (56D post)	IJMRAQ 62,964,74
1T14	orl-wmn TDLo:420 ug/kg (20D pre)	CCPTAY 26,23,82
1T29	orl-wmn TDLo:214 ug/kg (20D pre)	CCPTAY 25,463,82
1T13	orl-wmn TDLo:51 mg/kg (2.7Y pre)	AJOGAH 107,717,70
1T22	orl-wmn TDLo:9720 ug/kg (26W pre)	BMJOAE 2,75,62
1T22	orl-wmn TDLo:1620 ug/kg (20D pre)	JRPFA4 4,229,62
1T41	orl-wmn TDLo:401 ug/kg (5W preg)	NATUAS 216,83,67
1T35	orl-mky TDLo:14280 ug/kg (33-46D preg)	TJADAB 21,44A,80
1T27	orl-mky TDLo:15300 ug/kg (21-35D preg)	TJADAB 27,215,83
1T85	orl-mky TDLo:24 mg/kg (23-46D preg)	NTOTDY 5,301,83

TUMORIGENIC DATA AND REFERENCES:

3V01J60L60	orl-wmn TDLo:23562 ug/kg/94W-I	LANCAO 1,207,78
2V03L60	orl-rat TDLo:11087 mg/kg/1Y-C	KNZOAU 23,57,82
3V03R60P61	orl-mus TDLo:69 mg/kg/69W-I	PEXTAR 11,440,69
2V02L60	orl-wmn TD :41 mg/kg/2Y-I	MJAUAJ 2,223,78
2V03L60	orl-rat TD :22174 mg/kg/1Y-C	KNZOAU 23,57,82
2V02L60	orl-wmn TD :81 mg/kg/8Y-I	BMJOAE 3,7,74
2V03L60	orl-rat TD :11087 mg/kg/1Y-C	GANNA2 71,576,80

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: TJADAB 21,225,80

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC8997000 19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-, and trans-alpha,alpha'-DIETHYL-4,4'- STILBENEDIOL

UPDT:8305 MW: 566.84 MOLFM: C20-H26-O2 C18-H20-O2

SYN: DIETHYLSTILBESTROL and NORLUTIN * NORLUTIN and DIETHYLSTILBESTROL * NORLUTIN and STILBESTROL * STILBESTROL and NORLUTIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	orl-wmn TDLo:262 mg/kg (8-29W preg)	JCEMAZ 19,1369,59

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC9010000 19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-, and 17-HYDROXYPREGN-4-ENE-3,20-DIONE HEXANOATE

UPDT:8305 MW: 727.13 MOLFM: C20-H26-O2 C27-H40-O4

SYN: DELALUTIN and NORLUTIN * NORLUTIN and DELALUTIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	mul-wmn TDLo:149 mg/kg (7-32W preg)	JCEMAZ 19,1369,59

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC9020000 19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY- mixed with 3-METHOXY-19-NOR-17-alpha- PREGNA-1,3,5(10)-TRIEN-20-YN-17-OL

UPDT:8408 CAS: 8015-29-0 MW: 608.93 MOLFM: C21-H26-O2 C20-H26-O2

SYN: ETHYNYLESTRADIOL 3-METHYL ETHER and 17-alpha-ETHYNYL-19-NORTESTOSTERONE * 17-alpha-ETHYNYL-17-HYDROXYESTREN-3-ONE and ETHYNYLESTRADIOL 3-METHYL ETHER * ETHYNYLESTRADIOL 3-METHYL ETHER and 17-alpha-ETHYNYL-17-HYDROXYESTREN-3-ONE * 17-alpha-ETHYNYL-19-NORTESTOSTERONE and ETHYNYLESTRADIOL 3-METHYL ETHER * MESTRANOL mixed with NORETHINDRONE * MESTRANOL mixed with NORETHISTERONE * NORETHINDRONE mixed with MESTRANOL * NORETHISTERONE mixed with MESTRANOL * NORINYL-1 * ORTHO-NOVUM * SOPHIA

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T04	orl-man TDLo:9 mg/kg (21D male)	ANYAA9 71,649,58
2T01T05	orl-man TDLo:21 mg/kg (49D male)	ANYAA9 71,649,58
1T53	orl-wmn TDLo:37 mg/kg (6-26W preg)	JOPDAB 71,128,67
1T22	orl-wmn TDLo:7665 ug/kg (52W pre)	CCPTAY 25,243,82
1T13	orl-wmn TDLo:1008 ug/kg (20D pre)	FESTAS 16,158,65
1T22	orl-wmn TDLo:12 mg/kg (60D pre)	FESTAS 16,158,65
2T01T02	orl-rat TDLo:5639 mg/kg (2Y male)	NAIZAM 25,684,74
1T12	orl-rat TDLo:5639 mg/kg (2Y pre)	NAIZAM 25,684,74

TUMORIGENIC DATA AND REFERENCES:

2V01L60	orl-wmn TDLo:26460 ug/kg/5Y-I	LANCAO 1,310,80
2V02R60	orl-rat TDLo:5639 mg/kg/2Y-C	NAIZAM 25,684,74
2V02L60	orl-wmn TD :40 mg/kg/4Y-I	JAMAAP 235,730,76
2V02L60	orl-wmn TD :71 mg/kg/7Y-I	ANSUA5 183,239,76
3V01L60P17	orl-wmn TD :53 mg/kg/7Y-I	LANCAO 1,365,80

TOXICITY DATA AND REFERENCES:

3J22K13U25	orl-wmn TDLo:10 mg/kg/Y-I	LANCAO 1,1479,73

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CRTXB2 1(1),93,71; COGYAK 16(4),37,73; JIMRBV 1(2),141,73; CMROCX 4,309,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC9025000 19-NOR-17-alpha-PREGN-5(10)-EN-20-YN-3-ONE, 17-HYDROXY- mixed with 3-METHOXY-19-NOR- 17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YN-17-OL
UPDT:8408 CAS: 8015-30-3 MW: 608.93 MOLFM: C21-H26-O2 C20-H26-O2
SYN: CONOVID * CONOVID E * ENAVID * ENIDREL * ENOVID * ENOVID-E * ETHINYLESTRADIOL 3-METHYL ETHER and NORETHYNODREL (1:50) * MESTRANOL mixed with NORETHYNODREL * NORETHANDROL * NORETHYNODREL and ETHINYLESTRADIOL 3-METHYL ETHER (50:1) * NORETHYNODREL mixed with MESTRANOL

MUTATION DATA AND REFERENCES:

	oms-mus-par 3060 ug/kg/17D-C	AJOGAH 120,390,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	orl-wmn TDLo:1014 ug/kg (20D pre)	BMJOAE 2,1179,61
1T14	orl-wmn TDLo:2120 ug/kg (20D pre)	PRSMA4 55,861,62
1T22	orl-wmn TDLo:6180 ug/kg (26W pre)	MTENBL -,231,61
1T13	orl-wmn TDLo:20 mg/kg (56W pre)	AJOGAH 107,717,70
1T22	orl-wmn TDLo:1040 ug/kg (20D pre)	JRPFA4 4,229,62
1T53	orl-wmn TDLo:46200 ug/kg (6-38W preg)	JCEMAZ 19,1369,59
2T13T19	orl-wmn TDLo:1040 ug/kg (20D pre)	FESTAS 16,158,65
1T14	orl-wmn TDLo:2 mg/kg (20D pre)	PRSMA4 53,435,60
1T14	orl-wmn TDLo:1113 ug/kg (21D pre)	SCIEAS 130,81,59
1T03	orl-rat TDLo:36 mg/kg (9D male)	PSEBAA 100,540,59
1T29	orl-rat TDLo:1500 ug/kg (2-4D preg)	ENDOAO 77,873,65
2T53T91	orl-rat TDLo:4300 ug/kg (1-22D preg/21D post)	ENDOAO 80,447,67
1T24	orl-rat TDLo:14 mg/kg (1D pre)	JRPFA4 12,473,66
2T14T27	orl-rat TDLo:75 mg/kg (60D pre/1-15D preg)	JGOBAC 1,141,72
1T17	orl-rat TDLo:2250 ug/kg (9D post)	JRPFA4 16,15,68
1T29	scu-rat TDLo:500 ug/kg (3D preg)	ENDOAO 77,873,65
1T24	scu-rat TDLo:1250 ug/kg (1D pre)	JRPFA4 12,473,66
1T03	scu-rat TDLo:10 mg/kg (10D male)	PSEBAA 100,540,59
1T02	ipr-mus TDLo:120 mg/kg (30D male)	ANREAK 160,322,60
1T85	scu-mus TDLo:102 ug/kg (10D preg)	INJFA3 15,182,70
1T29	unk-mus TDLo:40 mg/kg (1D pre)	AJOGAH 83,1405,62

TUMORIGENIC DATA AND REFERENCES:

2V02L60	orl-wmn TDLo:20 mg/kg/2Y-I	LANCAO 2,926,73
2V01T64	orl-mus TDLo:207 mg/kg/74W-C	JNCIAM 43,671,69
2V02R60	scu-mus TDLo:728 mg/kg/91W-I	BJCAAI 35,322,77
3V02L60N60	orl-mus TD :1250 mg/kg/89W-I	SCIEAS 154,402,66
2V02L60	orl-wmn TD :50 mg/kg/5Y-I	LANCAO 2,926,73
2V02L60	orl-wmn TD :71 mg/kg/7Y-I	LANCAO 2,926,73
3V03R60P61	orl-mus TD :69 mg/kg/69W-I	PEXTAR 11,440,69
2V02L60	orl-wmn TD :252 mg/kg/10Y-I	LANCAO 1,1251,80

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ACEDAB 75(185),169,74; CMROCX 4,309,76; ACEDAB 51,671,60; RRCRBU 66,175,79
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 6,191,74

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC9027500 19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-, O-METHYLOXIME
UPDT:8402 MW: 326.50 MOLFM: C21-H28-N-O2
SYN: 17-HYDROXY-19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE 3-METHOXIME * NORETHISTERONE 3-METHOXIME

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-rat TDLo:700 ug/kg (7D pre)	CCPTAY 12,511,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC9028000 19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-, O-(p-NITROPHENYL)OXIME
UPDT:8401 CAS: 64584-79-8 MW: 434.58 MOLFM: C26-H30-N2-O4
SYN: 17-HYDROXY-19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE O-(p-NITROPHENYL)OXIME

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-rat TDLo:160 mg/kg (9-12D preg)	JMCMAR 20,1546,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC9030000 19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-, mixed with 19-NOR-17-alpha-PREGNA- 1,3,5(10)-TRIEN-2-YNE-3,17-DIOL (60:1)
UPDT:8401 CAS: 37270-71-6 MW: 594.90 MOLFM: C20-H26-O2 C20-H24-O2
SYN: ETHYNYLESTRADIOL mixed with NORETHINDRONE * GYNOVLAR * NORETHINDRONE mixed with ETHYNYLESTRADIOL * NORETHISTERONE mixed with ETHINYL OESTRADIOL (60:1)

MUTATION DATA AND REFERENCES:

	oms-ctl:oth 17410 ug/L	AJOGAH 120,390,74
	oms-dom:oth 17410 ug/L	AJOGAH 120,390,74
	oms-mam:oth 10100 ug/L	AJOGAH 120,390,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	orl-wmn TDLo:420 ug/kg (20D pre)	CCPTAY 26,23,82
1T53	unk-wmn TDLo:63298 ug/kg (11-34W preg)	LANCAO 2,438,60
1T53	unk-wmn TDLo:74682 ug/kg (8-35W preg)	LANCAO 2,438,60

TUMORIGENIC DATA AND REFERENCES:

2V01L60	orl-wmn TDLo:138 mg/kg/9Y-I	LANCAO 1,273,80
3V03L60N60	orl-mus TDLo:120 mg/kg/84W-I	SCIEAS 154,402,66
2V01L60	orl-wmn TD :138 mg/kg/9Y-I	BMJOAE 4,496,75

TOXICITY DATA AND REFERENCES:

3J22K13U25	orl-wmn TDLo:55 mg/kg/5Y-I	LANCAO 1,1479,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC9035000 19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-, and PREMARIN
UPDT:8305
SYN: NORLUTIN and PREMARIN * PREMARIN and NORLUTIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	orl-wmn TDLo:192 mg/kg (5-35W preg)	JCEMAZ 19,1369,59

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC9042000 19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-, and TESTOSTERONE
UPDT:8305 MW: 586.93 MOLFM: C20-H26-O2 C19-H28-O2
SYN: NORETHINDRONE and TESTOSTERONE * TESTOSTERONE and NORETHINDRONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T01T05	mul-man TDLo:50 mg/kg (30W male)	CCPTAY 8,207,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC9044000 19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE, 17-METHOXY-7-alpha-METHYL-
UPDT:8408 MW: 326.52 MOLFM: C22-H30-O2
SYN: 17-alpha-ETHINYL-17-beta-METHOXY-7-alpha-METHYL-4-ESTREN-3-ONE * 17-METHOXY-7-alpha-METHYL-19-NOR-17-alpha-PREGN-4-EN-20-YN-3-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	ims-mky TDLo:800 ug/kg (4D pre)	FESTAS 40,688,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

A-NORPREGN-20-YNE-2,17-DIOL, 2-ETHYNYL-, (2-beta,5-alpha,17-alpha)- (9CI) see: RC9050000

RC9050000 A-NOR-5-alpha,17-alpha-PREGN-20-YNE-2-beta,17-DIOL, 2-ETHYNYL-
UPDT:8310 CAS: 1045-29-0 MW: 326.52 MOLFM: C22-H30-O2
SYN: 2-ETHYNYL-A-NOR-5-alpha,17-alpha-PREGN-20-YNE-2-beta,17-DIOL * H241 * A-NORANDROSTANE-2-alpha,17-alpha-DIETHYNYL-2-beta,17-beta-DIOL * A-NORPREGN-20-YNE-2,17-DIOL, 2-ETHYNYL-(2-beta,5-alpha,17-alpha)- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	orl-rbt TDLo:147 ug/kg (1-3D preg)	FESTAS 16,281,65
1T31	orl-rbt TDLo:690 ug/kg (6-8D preg)	FESTAS 16,281,65
2T24T29	orl-ham TDLo:30 mg/kg (1-3D preg)	CCPTAY 20,549,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC9051000 A-NOR-17-alpha-PREGN-20-YNE-2-beta,17-beta-DIOL, 2-alpha-ETHYNYL-
UPDT:8302 MW: 326.52 MOLFM: C22-H30-O2
SYN: 2-alpha-ETHYNYL-A-NOR-17-alpha-PREGN-20-YNE-2-beta,17-beta-DIOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T22T26	orl-rat TDLo:2500 ug/kg (1D preg)	STEDAM 4,657,64
1T22	par-rat TDLo:150 ug/kg (1-3D preg)	STEDAM 4,657,64
1T26	par-rat TDLo:500 ug/kg (1D preg)	STEDAM 4,657,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC9052000 A-NOR-17-alpha-PREGN-20-YNE-2-beta,17-beta-DIOL, 2-alpha-METHYL-
UPDT:8302 MW: 312.49 MOLFM: C21-H28-O2
SYN: 2-alpha-METHYL-A-NOR-17-alpha-PREGN-20-YNE-2-beta,17-beta DIOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T26	orl-rat TDLo:2500 ug/kg (3D preg)	STEDAM 4,657,64
1T22	par-rat TDLo:7500 ug/kg (1D preg)	STEDAM 4,657,64
1T26	par-rat TDLo:2500 ug/kg (1D preg)	STEDAM 4,657,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC9053000 A-NORPREGN-20-YNE-2,17-DIOL, 2-ETHYNYL-, DIPROPANOATE, (2-beta,5-alpha,17-alpha)-
UPDT:8408 CAS: 56470-64-5 MW: 438.66 MOLFM: C28-H38-O4
SYN: F-53 * ANORDRIN * ANORDRIN DIPROPIONATE * 2-epsilon,17-alpha-DIETHYNYL, A-NOR-ANDROSTANE-2-epsilon, 17-beta-DIHYDROXYDIPROPINATE * 2-alpha,17-alpha-DIETHYNYL-A-NOR-5-alpna-ANDROSTANE-2-beta,17-beta-DIOL DIPROPIONATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-rat TDLo:4 mg/kg (1-4D preg)	SSINAV 18,262,75
1T29	orl-rat TDLo:7500 ug/kg (7-9D preg)	SSINAV 18,262,75
2T22T24	orl-rat TDLo:500 ug/kg (1D preg)	STEDAM 33,85,79
1T13	orl-rat TDLo:150 ug/kg (3D pre)	STEDAM 33,85,79
1T22	orl-mus TDLo:10 mg/kg (7-9D preg)	SSINAV 18,262,75
1T24	orl-mus TDLo:10 mg/kg (1-4D preg)	STEDAM 40,65,82
2T02T03	scu-mus TDLo:160 mg/kg (30D male)	STEDAM 40,65,82
2T14T29	ims-mky TDLo:20 mg/kg (5D pre)	BIREBV 28(Suppl 1),165,83
1T22	orl-rbt TDLo:10 mg/kg (1-4D preg)	SSINAV 18,262,75
1T29	orl-rbt TDLo:7500 ug/kg (7-9D preg)	SSINAV 18,262,75
1T22	orl-ham TDLo:20 mg/kg (7-9D preg)	SSINAV 18,262,75
2T24T29	orl-ham TDLo:30 mg/kg (1-3D preg)	CCPTAY 20,549,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RC9054000 19-NOR-17-alpha-PREGN-20-YN-3-ONE, 17-METHOXY-7-alpha-METHYL-
UPDT:8412 MW: 326.52 MOLFM: C22-H30-O2

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	ims-mky TDLo:1600 ug/kg (8D pre)	FESTAS 39(Suppl),419,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NOR-PRESS 25 see: TH9000000
NOR-PROGESTELEA see: RC8899550
19-NORPROGESTERONE see: RC8960500

RC9275000 NORPSEUDOEPHEDRINE, HYDROCHLORIDE, (+)-
UPDT:8403 CAS: 2153-98-2 MW: 187.69 MOLFM: C9-H13-N-O Cl-H
SYN: ADIPOSETTIN * AMORPHAN * EXPONCIT * FUGOA * MINUSIN * (+)-NORPSEUDOEPHEDRINE HYDROCHLORIDE * d-NORPSEUDOEPHEDRINE HYDROCHLORIDE * REDUFORM

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:161 mg/kg	JPETAB 158,135,67
	scu-mus LD50:275 mg/kg	ARZNAD 5,367,55
	ivn-rbt LDLo:75 mg/kg	JPETAB 36,363,29

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

d-NORPSEUDOEPHEDRINE HYDROCHLORIDE see: RC9275000
(+)-NORPSEUDOEPHEDRINE HYDROCHLORIDE see: RC9275000
NORPSEUDOTROPINE, 8-(2-(METHYLTHIO)ETHYL)-, BENZOATE, HYDROCHLORIDE see: RD1592000
NOR-Q.D. see: RC8975000
NORSORAN see: AT6970000
NORSTERANTHRENE see: DE8400000
F-NORSTERANTHRENE see: DE8400000
NORSULFASOL see: WP2360000
NORSULFAZOLE see: WP2360000
NORSYMPATHOL see: DN7350000
NORSYNEPHRINE see: DN7350000
NORSYNEPHRINE see: DN7250000
NORTEC see: FM8750000
NORTESTONATE see: KG7964000
NORTESTOSTERONE see: KG7964000
17-alpha-NORTESTOSTERONE see: RC8961200
19-NORTESTOSTERONE see: KG7964000
(+)-19-NORTESTOSTERONE see: KG7964000
NORTESTOSTERONE DECANOATE see: KG7967000
19-NORTESTOSTERONE DECANOATE see: KG7967000
NORTESTOSTERONE PHENYLPROPIONATE see: KG7995000
NORTHERN COPPERHEAD VENOM see: YX4256000
NORTHIADENE HYDROCHLORIDE see: HQ3150000
NORTIMIL see: HO0525000
NORTRANESE see: PB1950000
NORTRILEN see: HP0175000
NORTRIPTYLINE see: HO9800000
NORTRIPTYLINE HYDROCHLORIDE see: HP0175000
NORTRON see: PB1950000

RD0525000 NORTROPANE, 3-(DIPHENYLMETHOXY)-8-ETHYL-
UPDT:8311 CAS: 524-83-4 MW: 321.50 MOLFM: C22-H27-N-O
SYN: 8-AZABICYCLO(3.2.1)OCTANE, 3-(DIPHENYLMETHOXY)-8-ETHYL-, endo- * 3-(DIPHENYLMETHOXY)-8-ETHYLNORTROPANE * 3-alpha-(DIPHENYLMETHOXY)-8-ETHYL-1-alpha-H,5-alpha-H-NORTROPANE * ETHYBENZTROPINE * ETHYLBENATROPINE * ETHYLBENZTROPINE * N-ETHYLNORTROPINE BENZHYDRYL ETHER * ETYBENZATROPINE * PANOLID * PONALID * PONALIDE * UK-738 * VK-738

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:560 mg/kg	27ZQAG -,228,72
	orl-mus LDLo:66 mg/kg	27ZQAG -,228,72

1E16 ivn-mus LD50:12 mg/kg EJPHAZ 9,304,70

orl-rbt LDLo:215 mg/kg 27ZQAG -,228,72

ivn-rbt LDLo:6 mg/kg 27ZQAG -,228,72

RD1227000 1-alpha-H,5-alpha-H-NORTROPAN-3-alpha-OL, 8-ALLYL-, BENZILATE (ester), HYDROCHLORIDE

UPDT:8305 MW: 413.98 MOLFM: C24-H27-N-O3 .Cl-H

SYN: NORTROPINE, 8-ALLYL-, BENZILATE, HYDROCHLORIDE * NTB

TOXICITY DATA AND REFERENCES:

3F11F12F13 ipr-mus LD50:60700 ug/kg AIPTAK 120,160,59

3F11F12F13 ivn-mus LD50:5810 ug/kg AIPTAK 120,160,59

RD1592000 1-alpha-H,5-alpha-H-NORTROPAN-3-beta-OL, 8-(2-(METHYLTHIO)ETHYL)-, BENZOATE, HYDROCHLORIDE

UPDT:8305 MW: 309.87 MOLFM: C17-H23-N-O2 .Cl-H

SYN: AM 233 * N-(S-METHYL-MERCAPTOAETHYL)n-PSEUDOTROPINBENZOESAUREESTER-CHLORHYDRAT (German) * 8-(2-(METHYLTHIO)ETHYL)-1-alpha-H,5-alpha-H-NORTROPAN-3-beta-OL BENZOATE HYDROCHLORIDE * NORPSEUDOTROPINE, 8-(2-(METHYLTHIO)ETHYL)-, BENZOATE, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* scu-rat LD50:425 mg/kg AIPTAK 139,281,62

* ivn-rat LD50:9 mg/kg AIPTAK 139,281,62

NORTROPINE, 8-ALLYL-, BENZILATE, HYDROCHLORIDE see: RD1227000

NORTRYPTILINE see: HO9800000

NORURON see: YT4550000

NORVAL see: HP8780000

NORVAL see: WN0525000

NORVALAMINE see: EO2975000

NORVALINE, 4-METHYL- see: OH2850000

NORVEDAN see: XJ1890000

NORVINISTERONE see: RC8899550

NORVINYL see: KV0350000

NORVINYL P 2 see: KV0350000

NORVINYL P 6 see: AK0950000

NORVINYL P10 see: KV0350000

NORVINYL S 1-70 see: KV0350000

NORVINYL S 1-80 see: KV0350000

NORVINYL S 3-68 see: KV0350000

19-NOR-17-alpha-VINYLTESTOSTERONE see: RC8899550

NORWOGONIN see: LK9276100

NO SCALD see: JJ7800000

NOSCAPAL see: RD2625000

NOSCAPALIN see: RD2625000

NOSCAPINE see: QN5600000

RD2625000 NOSCAPINE

UPDT:8408 CAS: 128-62-1 MW: 413.46 MOLFM: C22-H23-N-O7

SYN: CAPVAL * COSCOPIN * COSCOTABS * KEY-TUSSCAPINE * LONGATIN * LYOBEX * METHOXYHYDRASTINE * NARCOMPREN * NARCOSINE * NARCOTINE * 1-alpha-NARCOTINE * NARCOTUSSIN * NECTADON * NICOLANE * NIPAXON * NOSCAPAL * NOSCAPALIN * NSC 5366 * OPIAN * OPIANINE * TERBENOL * TUSSCAPINE * VADEBEX

MUTATION DATA AND REFERENCES:

cyt-ham:ing 100 mg/L ARTODN (Suppl 4),41,80

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:960 mg/kg NIIRDN 6,565,82

scu-mus LD50:725 mg/kg RPTOAN 31,338,68

NOSCAPINE HYDROCHLORIDE see: NP7225000

NOSCOSED see: VB2450000

NOSOPHENE SODIUM see: SM8400000

NOSPASM see: FB3325000

NOSTAL see: CQ1050000

NOSTAL see: YT2800000

NOSTEL see: SB4725000

NOSTIN see: YT2800000

NOSTRAL see: CQ1050000

NOSTYN see: YT2800000

NOSYDRAST see: UR8750000

NOSYLAN see: UR8750000

NOTAIR see: RQ2975000

NOTANDRON see: BV8100000

NOTANDRON-DEPOT see: BV8100000

NOTARAL see: DF1400000

NOTARAL see: XH9700000

NOTECHIS SCUTATUS (AUSTRALIA) VENOM see: YX3960400

NOTECHIS SCUTATUS VENOM see: YX4195650

NOTENQUIL see: OB2275000

NOTENSIL see: OB2275000

NOTENSIL see: OB2450000

NOTESIL see: OB2275000

RD3880000 NOTHOPEGIA COLEBROOKIANA Bl., extract excluding roots

DEF:Indian plant belonging to the family ANACARDIACEAE (IJEBA6 12,512,74)

UPDT:8302

SYN: AMBERI EXTRACT

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:250 mg/kg IJEBA6 12,512,74

NOTOMYCIN A1 see: UX9375000

NOURALGINE see: AZ5820000

NOURITHION see: TF4550000

NOURYDORM see: CQ2980000

NOVACETYL see: VO0780000

NOVACID see: PB1300000

NOVADEX see: KR5919600

NOVADOX see: QI8925000

NOVADRAL see: DN7360000

NOVADRAL see: DN7250000

NOVAFED see: UL5800000

NOVAFED see: UL5950000

NOVALDIN see: PB1300000

NOVALGIN see: PB1300000

NOVALLYL see: CQ3325000

NOVALON YELLOW 2GN see: AC3662000

NOVAKOL see: AE3850000

NOVAMIDON see: CD2625000

NOVAMIN see: WK1961200

NOVAMIN see: SO2700000

NOVAMIN see: XH5082000

NOVAMINA see: KR6825000

NOVAMINE see: XH5082000

NOVAMINSULFON see: PB1300000

NOVAMINSULFONE see: PB1300000

NOVAMONT 2030 see: UD1842000

NOVANTOINA see: MU1050000

NOVANTOINA see: MU1400000

NOVA-PHENO see: CQ6825000

NOVARSAN see: WS3680000

NOVARSENOBENZOL see: WS3680000

NOVARSENOBILLON see: WS3680000

NOVASMASOL see: DO2275000

NOVATEC JUO 80 see: TQ3325000

NOVATEC JVO 80 see: TQ3325000

NOVATHION see: TG0350000

NOVATONE see: AM9240000

NOVATRIN see: MS9000000

NOVATRINE see: MS9000000

NOVATROPINE see: MS9000000

NOVAZOLE see: DD6538000

NOVAZOLO see: WO9100000

NOVECYL see: VN6475000

NOVEDRIN HYDROCHLORIDE see: DO5775000

NOVEGE see: UF1400000

NOVEMINA see: PB1300000

NOVERIL see: HP2625000

NOVERYL see: HP2625000

NOVESIN see: DG1502900

NOVESINE see: DG1502900

NOVESTROL see: RC8925000

NOVIBEN see: DD6538000

NOVICET see: YY8575000

NOVICODIN see: QD1680000

NOVID see: VO0700000

NOVIGAM see: GV4900000

NOVIL see: PB1300000

NOVOBIOCIN see: CU9080000

NOVOBIOCIN MONOSODIUM see: RD5425000

RD5425000 NOVOBIOCIN, MONOSODIUM SALT

UPDT:8303 CAS: 1476-53-5 MW: 634.67 MOLFM: C31-H35-N2-O11 .Na

SYN: ALBAMYCIN * ALBAMYCIN SODIUM * CATHOMYCIN SODIUM * CATHOMYCIN SODIUM LYOVAC * INAMYCIN * MONOSODIUM NOVOBIOCIN * NOVOBIOCIN MONOSODIUM * NOVOBIOCIN SODIUM * NOVOBIOCIN, SODIUM deriv. * SODIUM ALBAMYCIN * SODIUM NOVOBIOCIN * U-6591

TOXICITY DATA AND REFERENCES:

ipr-rat LD50:400 mg/kg TXAPA9 24,37,73

1K12 scu-rat LD50:700 mg/kg TXAPA9 9,445,66

* orl-mus LD50:962 mg/kg ANTCAO 6,226,56

ipr-mus LD50:260 mg/kg TXAPA9 24,37,73

* ivn-mus LD50:407 mg/kg ANTCAO 6,226,56

ipr-gpg LD50:12 mg/kg UPJOH* 2,-,71

scu-gpg LD50:28 mg/kg UPJOH* 2,-,71

NOVOBIOCIN SODIUM see: RD5425000

NOVOBIOCIN, SODIUM deriv. see: RD5425000

NOVOCAIN see: DG2100000

NOVOCAINAMID see: CV2275000

NOVOCAINAMIDE see: CV2275000

NOVOCAINE see: DG2100000

NOVOCAINE AMIDE see: CV2275000

NOVOCAINE HYDROCHLORIDE see: DG2275000

NOVOCAINE PENICILLIN see: XH9450000

NOVOCAIN HYDROCHLORID (German) see: DG2275000

NOVOCAIN-CHLORHYDRAT (German) see: DG2275000

NOVOCAMID see: CV2275000

NOVOCEBRIN HYDROCHLORIDE see: DO5464000

NOVOCHLOROCAP see: AB6825000

NOVOCILLIN see: XH9800000

NOVOCONESTRON see: GL1224000

NOVO CORA-VINCO see: XF8225000

NOVODIPHENYL see: MU1400000

NOVODOLAN see: DH8520000

NOVODRIN see: DO1750000

NOVODRIN see: DO2273000

NOVODUR see: AT6970000

NOVODUR H 7004 see: AT6970000

NOVODUR KL 1-5129 see: AT6970000

NOVODUR P 2T/038 see: AT6970000

NOVODUR P 20M see: AT6970000

NOVODUR P 25 see: AT6970000

NOVODUR PH GV see: AT6970000

NOVODUR PH/AT see: AT6970000

NOVODUR PK see: AT6970000

NOVODUR PM see: AT6970000

NOVODUR PM 2C see: AT6970000

NOVODUR PVH 002 see: AT6970000

NOVODUR PVM see: AT6970000

NOVODUR PX see: AT6970000

NOVODUR PX 8 see: AT6970000

NOVODUR PX 792 see: AT6970000

NOVONETRAMIN see: UV8750000

NOVOL see: RG4120000

NOVOLEN see: UD1842000

NOVOLEN KR 1300P see: UD1842000

NOVOLEN 1300ZX see: UD1842000

NOVOL POE 20 see: RK2975000

NOVOMAZINA see: SN8925000

NOVOMYCETIN see: AB6825000

NOVON see: UF1400000

NOVON 712 see: KV0350000

NOVONAL see: SB2145000

NOVONIDAZOL see: NI5600000

NOVOPHENICOL see: AB6825000

NOVOPHENYL see: UQ8225000

NOVOPHONE see: BY8925000

NOVO-R see: CU9080000

NOVOSAXAZOLE see: WO9100000

NOVOSCABIN see: DG4200000

NOVOSED see: DE9450000

NOVOSERIN see: NY2975000

NOVOSERPINA see: ZG0175000

NOVOSIR N see: ZH3325000

NOVOSPASMIN see: MB9625000

NOVOX see: SD9450000

NOVOZIN N 50 see: ZH3325000

NOVOZIR see: ZH3325000

NOVOZIR N see: ZH3325000

NOVOZIR N 50 see: ZH3325000
NOVYDRINE see: SH9450000
NOVYDRINE see: SI1750000
NOXABEN see: XH8925000
NOXAL see: JO1225000
NOXEGAN see: CQ2311000
NOXFISH see: DJ2800000
NOXIPTILIN HYDROCHLORID (German) see: HP1150000
NOXIPTYLINE HYDROCHLORIDE see: HP1150000
NOXODYN see: TI4375000
NOXOKRATIN see: SC4900000
NOXYFLEX S see: YT4980000
NOXYLIN see: YU1610000
NOXYRON see: MA4725000
NOXYTHIOLIN see: YT4980000
NOXYTHIOLINE see: YT4980000
NP 1 see: WP4100000
NP 2 see: QR5950000
2-NP see: ST3000000
2-NP see: TZ5250000
NP-6 see: WP4105000
NP13 see: MA4550000
NP-48 see: GU8390000
NP 55 see: GW7191000
NP 212 see: KK2275000
NP 956 see: SO2275000
NPA see: AX7750000
NPA see: TH7350000
NPA see: TH7351000
NPA-3 see: TH7351000
NPAB see: AX7750000
NPA, SODIUM SALT see: TH7351000
NPD see: XN4550000
4-N-o-PDA see: ST2975000
2-N-p-PDA see: ST3000000
NPG see: TY5775000
NPGB see: DH1425000
NPH 83 see: TF7900000
NPH-1091 see: TD5175000
NPH INSULIN see: NM8912800
NPH 50 INSULIN see: NM8912800
NPIP see: TN2100000
NPL 1 see: RQ2975000
NPLG see: MA3810000
NP-48 Na see: GU8390000
NPOH see: UB4025000
SON (POLYMER) see: TR0400000
NPP see: KG7995000
2-NPPD see: ST3000000
NPRO see: TW3680000
NaPSt see: WL6475000
NPU see: YT9740000
NPYR see: UY1575000
4-NQO see: VC2100000
NR.C 2294 see: AY5950000
NRDC 104 see: GZ1310000
NRDC 107 see: GZ1310500
NRDC 108 see: GZ2085000
NRDC 119 see: GZ1430000
NRDC 149 see: GZ1250000
NRDC 156 see: GZ1240000
NRDC 161 see: GZ1233000
NRDC 181 see: CY1576200
NRRL B-1482 (Russian) see: SG1576000
NRRL B-1576 (Russian) see: SG1576000
NS 11 see: NJ0607000
NS 2842 see: AK0920000
N-S 90205 see: CL8018000
NSAR see: VQ3150000
NSB6B see: QJ6430000
NSC-185 see: MA4375000
NSC 339 see: TL6300000
NSC 423 see: AG6825000
NSC 739 see: MA1050000
NSC-740 see: MA1225000
NSC-742 see: VT9625000
NSC 746 see: FA8400000
NSC-749 see: XZ6157000
NSC-750 see: EK1750000
NSC 751 see: ES6825200
NSC-752 see: UP0740000
NSC 753 see: UO7450000
NSC 755 see: UO9800000
NSC 757 see: GH0700000
NSC 759 see: DD5425000
NSC 762 see: IA1750000
NSC-763 see: PV6210000
NSC-1390 see: UR0785000
NSC 1532 see: SL2800000
NSC 1895 see: XZ4535000
NSC 2066 see: XH3850000
NSC 2083 see: VO1225000
NSC-2100 see: LT7700000
NSC-2101 see: CY5250000
NSC 2107 see: MU2800000
NSC-2752 see: LS9625000
NSC 3051 see: LQ3000000
NSC 3053 see: AU1575000
NSC-3055 see: AU7350000
NSC-3058 see: DM1225000
NSC 3060 see: CG3800000
NSC 3061 see: UV8140000
NSC 3063 see: UT4800000
NSC 3069 see: AB6825000
NSC-3070 see: WJ5600000
NSC 3072 see: VY8050000
NSC 3073 see: LP5425000
NSC-3088 see: ES7525000
NSC 3096 see: GH0800000
NSC 3138 see: AB7700000
NSC-3424 see: AR7570000
NSC 3425 see: XY7700000
NSC 4730 see: XI3900000
NSC 4911 see: UP0700000
NSC 5159 see: FL7350000
NSC 5340 see: BE5950000
NSC 5356 see: LQ2100000
NSC-5366 see: QN5600000
NSC 5366 see: RD2625000
NSC-6091 see: BY8925000
NSC-6396 see: SZ2975000
NSC-6470 see: NJ0875000
NSC 6654 see: FB3750000
NSC-6738 see: TC0350000
NSC-7571 see: AR7350000
NSC-7760 see: UU4375000
NSC-7778 see: DJ1575000
NSC-8806 see: AY4025000
NSC-8806 see: AY3675000
NSC 8819 see: AS1050000
NSC 9166 see: XA3115000
NSC 9169 see: QI8225000
NSC-9324 see: CQ3325000
NSC 9659 see: NS1750000
NSC-9698 see: OP2275000
NSC-9701 see: BV8400000
NSC-9704 see: TW0175000
NSC 9706 see: XZ2100000
NSC 9717 see: SZ1750000
NSC-9895 see: KG2975000
NSC 10023 see: TU4154100
NSC 10107 see: IA2200000
NSC-10107 see: IA2275000
NSC-10108 see: KV0600000
NTP 10381 see: NM7461240
NSC 10483 see: GM8925000
NSC-10873 see: IA0175000
NSC-10973 see: RC8925000
NSC-11905 see: QL8750000
NSC-12165 see: BV8390000
NSC-12169 see: KG8225000
NSC 13002 see: AR9100000
NSC-13252 see: QI7800000
NSC 13875 see: OS1050000
NSC 14083 see: WK4375000
NSC-14210 see: AY3600000
NSC 15193 see: MQ3325000
NSC-15432 see: RC8980000
NSC-16895 see: OJ5800000
NSC-17118 see: VB0175000
NSC-17262 see: DK3325000
NSC-17591 see: XA3080000
NSC-17592 see: TU5085000
NSC 18016 see: KK1960000
NSC-18 268 see: AU1400000
NSC 18321 see: MX4200000
NSC-18429 see: BW8225000
NSC-18439 see: BW8400000
NSC-19494 see: UV8180000
NSC-19893 see: YR0350000
NSC-19962 see: GW4430000
NSC-19987 see: TU4146000
NSC-20264 see: AU7480500
NSC-20526 see: VN8925000
NSC 21206 see: US4550000
NSC-23890 see: MO2400000
NSC-23892 see: DD6300000
NSC 23909 see: YT7875000
NSC 24559 see: PZ2800000
NSC 24818 see: LV2500000
NSC 25855 see: XJ5425000
NSC-26154 see: MO6300000
NSC-26,198 see: BV8060000
NSC 26271 see: RP5950000
NSC-26386 see: TU5010000
NSC 26805 see: PB2100000
NSC-26812 see: XX9450000
NSC 26980 see: CN0700000
NSC-27640 see: YU7525000
NSC-29215 see: DK7175000
NSC-29630 see: MA1250000
NSC-29863 see: MF3240000
NSC-30152 see: RP9100000
NSC 30160 see: TA7400000
NSC-30211 see: YE2800000
NSC 30622 see: VT5978020
NSC 32065 see: YT4900000
NSC 32074 see: XY8575000
NSC-32606 see: EJ8575000
NSC-33669 see: DK1750000
NSC-33669 see: JY5250000
NSC-34372 see: AR7525000
NSC-34462 see: YQ8925000
NSC 34533 see: WG9800000
NSC-34652 see: MU2275000
NSC-35051 see: AY3370000
NSC 35770 see: YE0875000
NSC 37448 see: DP3500000
NSC-37538 see: OP2975000
NSC-37725 see: RC8964300
NSC 38270 see: RK4385090
NSC 38721 see: KH7880000
NSC-38887 see: UO7505000
NSC-39069 see: XO8500000
NSC-39084 see: UO8925000
NSC-39470 see: TU4000000
NSC 39661 see: YU7700000
NSC-39690 see: AJ3400000

NSC 40774 see: UD8965000
NSC-40902 see: TN2272600
NSC-42722 see: BV8000000
NSC 45383 see: TJ7350000
NSC-45388 see: NI3950000
NSC 45403 see: YT3150000
NSC-46015 see: UP7525000
NSC 46123 see: FC0875000
NSC 47842 see: YY8050000
NSC 49842 see: YY8400000
NSC-50256 see: PB2625000
NSC-50364 see: NI5600000
NSC-50413 see: CF3325000
NSC-52695 see: RP5945000
NSC 56308 see: DW0900000
NSC 56408 see: UY8870000
NSC-58404 see: MB9450000
NSC-58514 see: GB7875000
NSC-58775 see: DF2450000
NSC 59729 see: WG5850000
NSC 60380 see: TG0700000
NSC-62209 see: QM2450000
NSC 62579 see: KV3675000
NSC 62580 see: TX7700000
NSC-62939 see: QF1050000
NSC 63346 see: VB7350000
NSC-63701 see: UY9100000
NSC 63878 see: HA5425000
NSC 64375 see: DK1650000
NSC-64393 see: WG9400000
NSC-65104 see: MJ9850000
NSC-66847 see: TI4375000
NSC-67239 see: KY8577000
NSC 67279 see: FB4570000
NSC-67574 see: OH6300000
NSC 68075 see: HG1775000
NSC-68626 see: MU7700000
NSC-69536 see: EC1490000
NSC 69856 see: QO6780000
NSC-69945 see: TD2530000
NSC-70762 see: YT4400000
NSC-70845 see: RA4550000
NSC-71045 see: FB1750000
NSC-71261 see: UP0175000
NSC-71423 see: TU4075000
NSC-71795 see: UU8825000
NSC 71964 see: AF5456000
NSC-72274 see: TP8800000
NSC 73599 see: XA5250000
NSC 74485 see: TE0220000
NSC-76098 see: SH1225000
NSC-77213 see: XS4725000
NSC-77213 see: XS4550000
NSC-77518 see: DF1575000
NSC-78559 see: DH0875000
NSC-79037 see: YS4900000
NSC-79389 see: UE9480000
NSC-80087 see: MK8350000
NSC-81430 see: GZ2230000
NSC-82116 see: ES2450000
NSC-82151 see: HB7875000
NSC-82151 see: HB7878000
NSC-82174 see: QN2885000
NSC-82195 see: NI3930000
NSC-82261 see: LY2625000
NSC-82699 see: CB4375000
NSC-83629 see: FB1750000
NSC 83653 see: AU4375000
NSC-85598 see: LZ5775000
NSC-85998 see: LZ5775000
NSC-86078 see: FH5425000
NSC-88536 see: BV8385000
NSC 89936 see: NY5775000
NSC-89945 see: VT5960000
NSC-91523 see: UB7500000
NSC-91523 see: UB7525000
NSC-92338 see: TU3750000
NSC-94100 see: OP2800000
NSC-95441 see: YS5000000
NSC-95,466 see: YS4915000
NSC-101983 see: NK8600000
NSC-101984 see: VC1650000
NSC-102244 see: CZ0590020
NSC 102627 see: UB6620000
NSC-102816 see: XZ3017500
NSC-102824 see: UQ4835000
NSC 104469 see: AF5457000
NSC-104800 see: LW5425000
NSC-104801 see: AS4750000
NSC-105388 see: LT3850000
NSC-106563 see: ME8375000
NSC-106568 see: UV8225000
NSC-106962 see: MW5200000
NSC-107429 see: PB8383000
NSC-107430 see: PB8750000
NSC-107654 see: UX9450000
NSC-108034 see: EK2450000
NSC-108160 see: HQ4375000
NSC-108165 see: XO1420000
NSC-109229 see: CI9000000
NSC 109723 see: RP5880000
NSC-109724 see: RF6050000
NSC-110364 see: JI5075000
NSC-110430 see: AG9500000
NSC-110431 see: DK8575000
NSC-110432 see: KN7820000
NSC-110433 see: WP0175000
NSC-111071 see: QN9105000
NSC 112259 see: KG7300000
NSC 113926 see: VJ7000000
NSC-114649 see: DJ2450000
NSC-114901 see: HO0525000
NSC-115944 see: KN6800000
NSC 118994 see: UO7451000
NSC-119875 see: TP2450000
NSC 122053 see: AB4549190
NSC-122758 see: VH6475000
NSC-122819 see: KC0180000
NSC-123127 see: AV9800000
NSC 125066 see: EC5988000
NSC-125973 see: WX1272100
NSC 126771 see: QJ5728000
NSC-129165 see: MP8050000
NSC-129943 see: TL6400000
NSC 130680 see: AF5457430
NSC 131324 see: CU7376000
NSC-132,319 see: EK7795000
NSC 132313 see: LW5320000
NSC-133099 see: AB7525000
NSC-133129 see: OP2450000
NSC-134434 see: XO1590000
NSC-135029 see: RJ9218000
NSC-135758 see: TL6375000
NSC 138780 see: YD0100000
NSC-140117 see: UB6621000
NSC-141537 see: YD0112000
NSC 141540 see: KC0190000
NSC 141549 see: PB1081000
NSC-143647 see: UE6490000
NSC-143969 see: LL9000000
NSC-145668 see: LV2615000
NSC-145669 see: VA3230000
NSC-148958 see: YR0450000
NSC-150014 see: MV9625000
NSC-153858 see: OQ2290000
NSC-156303 see: PB0506000
NSC-164011 see: VL8420000
NSC-172112 see: MM2508000
NSC-177023 see: NJ5960000
NSC-177853 see: LY4305000
NSC 178248 see: LZ5758000
NSC-180024 see: QI9293250 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-((3-AMINO-2,3,6-TRIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL)OXY)- 7,8,9,10-TETRAHYDRO-1,6,8,11-TETRAHYDROXY-, (8S-cis)-
NSC-182896 see: GU4808000
NSC 182986 see: EY8794000
NSC 190921 see: TE0630000
NSC 190922 see: TA5700000
NSC 190925 see: TD4150000
NSC 190931 see: TE8600000
NSC 190932 see: GY2510000
NSC 190933 see: TF2000000
NSC 190935 see: LQ4375000
NSC 190938 see: FB9910000
NSC 190939 see: GZ1730000
NSC 190940 see: XM6886000
NSC 190942 see: DE3000000
NSC 190945 see: TE0350000
NSC 190946 see: FC6210000
NSC 190947 see: DV2050000
NSC 190948 see: FB3960000
NSC 190949 see: FC5330000
NSC 190950 see: FC6710000
NSC 190955 see: TC2870000
NSC 190956 see: TC2850000
NSC 190958 see: TE1300000
NSC 190959 see: TA5690000
NSC 190960 see: FG0470000
NSC 190961 see: FF8970000
NSC 190962 see: FG2190000
NSC 190963 see: FG2180000
NSC 190964 see: FG2200000
NSC 190965 see: FC2700000
NSC 190966 see: TF6350000
NSC 190967 see: TB0185000
NSC 190969 see: EZ9010000
NSC 190970 see: TF3750000
NSC 190975 see: FB5700000
NSC 190976 see: FB9700000
NSC 190978 see: AI7875000
NSC 190980 see: FC2000000
NSC 190981 see: FC1925000
NSC 190983 see: GZ2200000
NSC 190986 see: TF6125000
NSC 190987 see: TB4970000
NSC 190988 see: FC2750000
NSC 190989 see: TB5000000
NSC 190990 see: TB1450000
NSC 190997 see: FC4900000
NSC 190998 see: TF0175000
NSC 191000 see: FC1030000
NSC 191001 see: AB2955000
NSC 191025 see: DD6650000
NSC 192965 see: CL7618500
NSC 195022 see: GZ1310000
NSC 195058 see: TC5450000
NSC 195087 see: DD2100000
NSC 195102 see: LQ4550000
NSC 195106 see: TB3675000
NSC 195154 see: TC4025000
NSC 195164 see: TF1590000
NSC-208734 see: QI9279300
NSC-224131 see: CI9469000
NSC 226080 see: VE6250000
NSC-234714 see: PB9185000
NSC 236661 see: AU0830000
NSC-239717 see: YS4983500
NSC-241240 see: TP2300000

NSC-245,382 see: YR8450000
NSC-246131 see: AV9850000
NSC 249992 see: PB1080000
NSC-256439 see: HB7876000
NSC-261,037 see: NI5572000
NSC-264880 see: XZ3018600
NSC 271674 see: TP1385500
NSC 271674 see: TP2272000
NSC 271675 see: TP2246600
NSC 271676 see: TP2246800
NSC 279836 see: CB5748500
NSC-280594 see: RY8450000
NSC 281272 see: XZ2854400
NSC 281278 see: TP2246700
NSC-284437 see: KJ4625000
NSC-286193 see: XJ3600000
NSC 287513 see: CB5748000
NSC-294895 see: YS4986000
NSC-296934 see: XZ1995000
NSC-296961 see: TE6491000
NSC-301463 see: OL5613500
NSC 301739 see: CB0386900
NSC 305884 see: AC6148500
NSC-312887 see: UO7440900
NSC 330500 see: OL9056000
NSC 338947 see: PB2665000
NSC 346104 see: VA1393000
NSC 353451 see: NJ5927000
NSC 403169 see: UQ0330000
NSC 404610 see: TB0200000
NSC-405124 see: XZ1925000
NSC-407347 see: NI4000000
NSC-409962 see: YS2625000
NSC 521778 see: MC0550000
NSC-525334 see: LQ9275000
NSC-525661 see: LK6631700
NSC 526417 see: JW5250000
NSC-528004 see: OH6370000
NSC-528943 see: LZ6572500
NSC-528986 see: XH8350000
NSC 616586 see: SY0525000
NSC-1461711 see: XU1594000
NSC B 664408 see: VT2770000
NSC 6091D see: BY8925000
NSC D 254157 see: YS4981000
NSC D 254157 see: LZ5758000
NSC-280594 HYDRATE see: RY8453000
NSC-762 HYDROCHLORIDE see: IA2100000
NSC 5366 HYDROCHLORIDE see: NP7225000
N. SCUTATUS (AUSTRALIA) VENOM see: YX3960400
NSD 1055 see: GO6833000
N. SCUTATUS VENOM see: YX4195650
N-SERVE see: US7525000
N-SERVE NITROGEN STABILIZER see: US7525000
NT see: XJ6090200
Ni 4303T see: QR5950000
NTs 62 see: QW0970000
NTs 218 see: QW0970000
NTs 222 see: QW0970000
NTs 539 see: QW0970000
NTs 542 see: QW0970000
NaTe see: AJ9100000
NTA see: AJ0175000
NTA see: MB8400000
NTA-194 see: TL7050000
NTA SODIUM HYDRATE see: AJ1070000
NTB see: RD1227000
NTD 2 see: FD1225000
NTG see: QX2100000
NTL SULFATE see: WK2286000
NTM see: TI1575000
NTN 80 see: TB5100000
NTN 6867 see: TB5100000
NTN-8629 see: TD5680000
NTOI see: NJ1050000
NTPA see: TY7766480 1,2-PROPANEDIOL, 3-((2-HYDROXYPROPYL)NITROSAMINO)-
NTPP see: KG7995000
NU 445 see: WO9100000
NU-1196 see: TN7095000
NU-1196 see: TN7000000
NU 2222 see: NJ6100000
NUARSOL see: CF9625000
NU-BAIT II see: AK2975000
NUBILON ORANGE R see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
NUCHAR see: FF5250100
NUCHAR 722 see: FL7242500
NUCHAR C 190N see: FL7242500
NUCIDOL see: TF3325000
NUCIFERIN see: CE0350000
NUCIFERINE see: CE0340000
NUCIFERINE see: CE0350000
(-)-NUCIFERINE see: CE0350000
l-NUCIFERINE see: CE0350000
NUCIN see: QJ5775000
(-)-NUCIPHERINE see: CE0350000
NUCLEAR FAST RED see: SG1400000

RF0770000 NUCLEIC ACIDS, DEOXYRIBO-, L-LYSINE SALT
UPDT:8306
SYN: DESOXYRIBONUCLEINATE de L-LYSINE (French) * DEOXYRIBONUCLEIC ACIDS LYSINE SALT
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:13500 mg/kg APFRAD 31,421,73

NUCLEOCARDYL see: AU7175000
NUCLEOCIDIN see: AU7400000
NUCLON ARGENTINIAN see: AE3850000
NUCTALON see: XZ5473500
NUDRIN see: AK2975000
NUFENOXOLE see: CL5629500
NUFLUOR see: WB0350000
NUGESTORAL see: TU5570250
NUJOL see: PY8030000
NULANS see: WM9645000
NU-LAWN WEEDER see: DI3150000
NULLAPON see: AH5075000
NULLAPON B see: AH5075000
NULLAPON B ACID see: AH4025000
NULLAPON BF-12 see: AH5075000
NULLAPON BF-78 see: AH5075000
NULLAPON BF ACID see: AH4025000
NULLAPON BFC see: AH5075000
NULLAPON BFC CONC see: AH5075000
NULLAPON BFC CONC BEADS see: AH5075000
NULLAPON BFC LIQUID see: AH5075000
NULOGYL see: QE7400000
NULSA see: SA3680000
NUMAL see: CP8925000
NU MAN see: BV8400000
NU-MANESE see: OP0900000
NUMOQUIN HYDROCHLORIDE see: MW6300000
NUMOTAC HYDROCHLORIDE see: DO2320000
NUNA, extract (Indian) see: QC5271000 MORINDA CITRIFOLIA Linn., extract excluding roots
NUNOL see: CQ6825000
NUOPLAZ see: TI1950000
NUOPLAZ DOP see: TI0350000
NUPERCAINAL see: GD3150000
NUPERCAINE see: GD3150000
NUPERCAINE HYDROCHLORIDE see: GD3325000
NUPRIN see: WO9150000
NUREDAL see: NS1225000
NURELLE see: SN1400000
NU REXFORM see: CG0990000
NUSYN-NOXFISH see: XS8050000

RF4360000 NUTEK 820
UPDT:8305 CAS: 74191-77-8
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/1H MLD NTIS** LMF-84

RF4366000 NUTEK 876
UPDT:8305 CAS: 71822-37-2
TOXICITY DATA AND REFERENCES:
3F07F12F24 orl-rat LD50:24 gm/kg NTIS** LMF-69

NUTINAL see: DD2800000
NUTMEG BUTTER see: RI8225000
NUTMEG OIL see: RJ3694800
NU-TONE see: QJ0875000
NUTRIFOS STP see: TC9490000
NUTROP see: YM3675000
NUTROSE see: FI3540000
NUVA see: TC0350000
NUVACRON see: TC4375000
NUVAN see: TC0350000
NUVAN 100EC see: TC0350000
NUVANOL see: TG0350000
NUVANOL N see: TF0175000
NUVAPEN see: XH8350000
NUVELBI V.C.A. see: LQ0699000
NUZ see: ZH5300000
N 4000V see: WL6475000
NVC 9025 see: TQ3325000
NVP see: UT6305000
NY 3000 see: UW7380500
NYACOL see: VV7310000
NYACOL A 1530 see: CC5650000
NYAD 10 see: ZC9750000
NYAD 325 see: ZC9750000
NYA G see: ZC9750000
NYANTHRENE GOLDEN YELLOW see: HO7030000
NYANZA SKY BLUE 6B see: QJ6430000
NYAZIN see: NS1225000
NYBOMYCIN see: UV1178000
NYBOMYCIN ACETATE see: UV1177000
NYBOMYCIN SUCCINATE see: WM7765000
NYCO see: PB1960000 METHANESULFONIC ACID, DIIODO-, SODIUM SALT
NYCO LIQUID RED GF see: DH0175000
NYCO LIQUID VIOLET RF see: GE4518000
NYCOR 200 see: ZC9750000
NYCOR 300 see: ZC9750000
NYCO SUPER VIOLET 4R see: GE4518000
NYCOTON see: FM8750000
NYCTAL see: YS2975000

RF5110000 NYCTANTHES ARBORTHRISTIS Linn., extract excluding roots
DEF:Indian plant belonging to the family OLEACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

NYCTON see: FM8750000
NYDRAN see: UE3150000
NYDRANE see: UE3150000
NYDRAZID see: NS1750000
NYLMERATE see: OV6475000
NYLOMINE ACID RED P4B see: QK1925000
NYLOMINE ACID YELLOW B-RD see: DB5042500

RF5250000 NYLON
UPDT:8401 CAS: 63428-83-1 MOLFM: (C6-H11-N-O)n
SYN: AMILAN * ASHLENE * CAPROLON * ENKALON * GRILON * KAPRON * MIRLON * PERLON * PHRILON * POLYAMID (German) * SILON * TROGAMID T * VYDYNE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:123 mg/kg CNREAB 15,333,55
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ACEDAB 75,296,74; SMJOAV 67,1459,74; ETOXAC 6,1,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NYLON-6 see: TQ9800000
NYLON A1035SF see: TQ9800000
NYLON CM 1031 see: TQ9800000
NYLON X 1051 see: TQ9800000
NYLOQUINONE BLUE 2J see: CB0540000
NYLOQUINONE LIGHT YELLOW 4JL see: AC3662000
NYLOQUINONE ORANGE JR see: CB5740000

NYLOQUINONE YELLOW 4J see: AC3662000
NYMCEL S see: FJ5950000
NYMCEL SLC-T see: FJ5950000
NYMCEL ZSB 10 see: FJ5950000
NYMCEL ZSB 16 see: FJ5950000

RF5590000 NYMPHAEA NOUCHALI Burm. f., extract
DEF:Indian plant belonging to the family NYMPHAEACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: NYMPHAEA RUBRA Roxb., extract
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:47 mg/kg IJEBA6 15,208,77

NYMPHAEA RUBRA Roxb., extract see: RF5590000 NYMPHAEA NOUCHALI Burm. f., extract
NYPHIMYCIN see: QU2200000 NIPHIMYCIN

RF5599500 NYMPHOIDES PALTATUM Kuntze., extract excluding roots
DEF:Indian plant belonging to the family GENTIANACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

NYSCAPS see: UT0875000
NYSCOZID see: NS1750000
NYSTAN see: RF5950000

RF5950000 NYSTATIN
UPDT:8403 CAS: 1400-61-9 MW: 938.30 MOLFM: C46-H83-N-O18
SYN: BIOFANAL * CANDEX * CANDIO-HERMAL * DIASTATIN * MORONAL * MYCOSTATIN * MYCOSTATIN 20 * NILSTAT * NYSTAN * NYSTATINE * NYSTAVESCENT * O-V STATIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-rat TDLo:100 mg/kg (9D preg) ANTBAL 20,45,75
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:8400 ug/kg ABANAE 3,697,55/56
* orl-mus LD50:8000 mg/kg PMDCAY 14,105,77
* ipr-mus LD50:4400 ug/kg JPMSAE 65,905,76
scu-mus LD50:2 gm/kg JAJBAD 6,247,53
ivn-mus LD50:3 mg/kg JANTAJ 32,1230,79
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

NYSTATINE see: RF5950000
NYSTAVESCENT see: RF5950000
NYTAL see: WW2710000
0-2 see: NQ7870000
0 250 see: WG2932400
OAAT see: XU8800000

RF6500000 OAKMOSS CONCRETE
DEF:A green semi-solid or viscous liquid and the chief volatile constituents are alpha- andbeta-THUJONE (FCTXAV 13,681,75)
UPDT:8305
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2900 mg/kg FCTXAV 13,891,75

OASIL see: TZ0175000
OAT EXTRACT (Indian) see: CL1089700
OBELINE PICRATE see: BS3855000
OBELINE PICRATE see: BS3856000
OBEPAR see: QE2450000
OBESEDRIN see: SI1400000
OBESITABS see: SI0875000
OBESON'L see: SI1400000
OBESTAT see: DN4200000
OBIDOXIME CHLORIDE see: UU6825000
OBIDOXIME DICHLORIDE see: UU6825000
OBIDOXIME HYDROCHLORIDE see: UU6825000
OBLEVIL see: SC4900000
OBLITEROL see: YQ2800000
OBLIVON see: SC4900000
N-OBLIVON see: SC4900000
OBLIVON C see: SC4900000
OBLIVON C see: SC5075000
OBLIVON CARBAMATE see: SC5075000
OBPA see: SP6800000
OBRACINE see: WK2110000
OBRAMYCIN see: WK2100000

RF7152600 OBSCURINE
DEF:An alkaloid derived from LYCOPODIUM COMPLANATUM (JAPMA8 34,197,45)
UPDT:8406
TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:99170 ug/kg JAPMA8 34,197,45

OBSTON see: WN0525000
OC 1085 see: VC8282000
OCAPHANE see: AY3310000
OCDD see: HP3350000
OCENOL see: RG4120000
OCEOL see: RG4120000

RF7158000 OCHNA OBTUSATA DC., extract excluding roots
DEF:Indian plant belonging to the family OCHNACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2H30U26 ipr-mus LD50:125 mg/kg IJEBA6 18,594,80

RF7159000 OCHOPANNINE
UPDT:8308 MW: 366.50 MOLFM: C22-H26-N2-O3
SYN: OCKROBAMINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:39 mg/kg 85GDA2 8(1),205,82

OCHOTENSINE see: WH1312400
OCHRACIN see: NQ7860000

RF7174000 OCHRATOXIN
UPDT:8305 CAS: 37203-43-3
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T31T34T39 orl-pig TDLo:35 ug/kg (21-28D preg) BVJOA9 133,412,77
TOXICITY DATA AND REFERENCES:
3K30L02M03 orl-rat LD50:20 mg/kg 19FKA3 -,153,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OCHRATOXIN A see: AY4375000
OCHRE see: NO7400000
OCI 56 see: XZ1900000
OCIMENE see: RH2000000
OCIMENOL see: RG5905000

RF7504000 OCIMUM AMERICANUM Linn., extract excluding roots
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1P02 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

OCIMUM BASILICUM OIL see: CR3325000

RF7507000 OCIMUM KILIMANDSCHARICUM Guerke, extract excluding roots
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 12,512,74)
UPDT:8302
SYN: KARPUR-TULASI EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:375 mg/kg IJEBA6 12,512,74

RF7508100 OCIMUM SANCTUM L., leaves
UPDT:8408
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T01T02T03 orl-mus TDLo:672 gm/kg (30D male) IJEBA6 10,23,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OCKROBAMINE see: RF7159000

RF7515000 OCOTEA CYMBARUM OIL
UPDT:8305 CAS: 68917-09-9
SYN: OIL OF SASSAFRAS BRAZILIAN
IRRITATION DATA AND REFERENCES:
skn-mus 100% FCTXAV 16,831,78
skn-rbt 500 mg/24H MOD FCTXAV 16,831,78
skn-pig 100% FCTXAV 16,831,78
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1580 mg/kg FCTXAV 16,831,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OCPNA see: BX1400000
OCRITEN see: HG0525000
OCS-21,944 see: XN7525000
OCS-21959 see: TE1410000
OCTAACETYLSUCROSE see: WN6620000
OCTACARBONYLDICOBALT see: GG0300000
1,2,4,5,6,7,8,8-OCTACHLOOR-3a,4,7,7a-TETRAHYDRO-4,7-endo-METHANO-INDAAN (Dutch) see: PB9800000
OCTACHLOR see: PB9800000
1,2,4,5,6,7,8,8-OCTACHLOR-2,3,3a,4,7,7a-HEXAHYDRO-4,7-METHANOINDANE see: PB9800000
OCTACHLOROCAMPHENE see: XW5250000
OCTACHLORODIBENZODIOXIN see: HP3350000
1,2,3,4,6,7,8,9-OCTACHLORODIBENZODIOXIN see: HP3350000
OCTACHLORODIBENZO(b,e)(1,4)DIOXIN see: HP3350000
OCTACHLORODIBENZO-p-DIOXIN see: HP3350000
OCTACHLORODIHYDRODICYCLOPENTADIENE see: PB9800000
1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3a,4,7,7a-HEXAHYDRO-4,7-METHANOINDENE see: PB9800000
1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3a,4,7,7a-HEXAHYDRO-4,7-METHANO-1H-INDENE see: PB9800000
1,3,4,5,6,8,8-OCTACHLORO-1,3,3a,4,7,7a-HEXAHYDRO-4,7-METHANOISOBENZOFURAN see: PC1225000
1,2,4,5,6,7,8,8-OCTACHLORO-3a,4,7,7a-HEXAHYDRO-4,7-METHYLENE INDANE see: PB9800000
OCTACHLORO-4,7-METHANOHYDROINDANE see: PB9800000
1,2,4,5,6,7,8,8-OCTACHLORO-4,7-METHANO-3a,4,7,7a-TETRAHYDROINDANE see: PB9800000
OCTACHLORO-4,7-METHANOTETRAHYDROINDANE see: PB9800000
1,3,4,5,6,7,10,10-OCTACHLORO-4,7-endo-METHYLENE-4,7,8,9-TETRAHYDROPHTHALAN see: PC1225000
OCTACHLORONAPHTHALENE see: QK0250000
1,3,4,5,6,7,8,8-OCTACHLORO-2-OXA-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDENE see: PC1225000
1,2,4,5,6,7,8,8-OCTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDAN see: PB9800000
2,2,4,5,6,7,8,8-OCTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDAN see: PB9805000
1,2,4,5,6,7,8,8-OCTACHLORO-3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDANE see: PB9800000
alpha-1,2,4,5,6,7,8,8-OCTACHLORO-3a,4,7,7a-TETRAHYDRO 4,7-METHANOINDANE see: PB9700000
1,2,4,5,6,7,10,10-OCTACHLORO-4,7,8,9-TETRAHYDRO-4,7-METHYLENEINDANE see: PB9800000
1,2,4,5,6,7,8,8-OCTACHLOR-3a,4,7,7a-TETRAHYDRO-4,7-endo-METHANO-INDAN (German) see: PB9800000
OCTACIDE 264 see: RB8575000
OCTACYANOMOLYBDENATE(4-) TETRAPOTASSIUM see: QA4671000

RF9968000 9,12-OCTADECADIENAMIDE, N,N-BIS(2-HYDROXYETHYL)-
UPDT:8403 CAS: 56863-02-6 MW: 367.64 MOLFM: C22-H41-N-O3
SYN: N,N-BIS(2-HYDROXYETHYL)-9,12-OCTADECADIENAMIDE * CLINDROL LT 15-73-1 * CYCLOMIDE DIN 295/S * LINOLEIC DIETHANOLAMIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV TXAPA9 19,276,71
eye-rbt 100 mg TXAPA9 19,276,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RG0160000 9-cis,11-trans-OCTADECADIENOIC ACID, 13-HYDROPEROXY-, METHYL ESTER
UPDT:8308 MW: 326.53 MOLFM: C19-H34-O4
SYN: METHYL 13-HYDROPEROXY-9-cis,11-trans-OCTADECADIENOATE
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate FCTOD7 21,175,83
mmo-sat 500 ug/plate FCTOD7 21,175,83

RG0182000 OCTADECANAMIDE
UPDT:8403 CAS: 124-26-5 MW: 283.56 MOLFM: C18-H37-N-O
SYN: KEMAMIDE S * STEARAMIDE
TUMORIGENIC DATA AND REFERENCES:
2V03M60 imp-mus TDLo:1000 mg/kg CNREA8 26,105,66
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OCTADECANAMINE ACETATE see: RG4170000
OCTADECANOIC ACID see: WI2800000
OCTADECANOIC ACID, BARIUM CADMIUM SALT (4:1:1) (9CI) see: WI2830000
OCTADECANOIC ACID, BUTYL ESTER (9CI) see: WI2900000

RG1050000 OCTADECANOIC ACID, CADMIUM SALT
UPDT:8408 CAS: 2223-93-0 MW: 681.48 MOLFM: C36-H72-O4 Cd
SYN: CADMIUM STEARATE * KADMIUMSTEARAT (German) * STEARIC ACID, CADMIUM SALT
TOXICITY DATA AND REFERENCES:
3F08K13K30 ihl-wmn TCLo:147 mg/m3/35M ZHYGAM 17,308,71
3F08G30U01 ihl-hmn TCLo:1800 ug/m3/2Y HYSAAV 33,187,68
* orl-rat LD50:1125 mg/kg GISAAA 35(2),98,70
ihl-rat LC50:130 mg/m3/2H ZHYGAM 17,308,71
orl-mus LD50:590 mg/kg HYSAAV 33,187,68
REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 DTLVS* 4,59,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RG1225000 OCTADECANOIC ACID, 9,10:12,13-DIEPOXY-
UPDT:8401 CAS: 3012-69-9 MW: 312.50 MOLFM: C18-H32-O4
SYN: 9,10:12,13-DIEPOXYOCTADECANOIC ACID * 9,10:12,13-DIEPOXYSTEARIC ACID
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:3360 mg/kg/28W-I JNCIAM 31,41,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RG1300000 OCTADECANOIC ACID, 9,10-EPOXY-
UPDT:8401 CAS: 2443-39-2 MW: 298.52 MOLFM: C18-H34-O3
SYN: cis-9,10-EPOXYOCTADECANOATE * cis-9,10-EPOXYOCTADECANOIC ACID * EPOXYOLEIC ACID * 9,10-EPOXYSTEARIC ACID * cis-9,10-EPOXYSTEARIC ACID * cis-3-OCTYL-OXIRANEOCTANOIC ACID
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:2880 mg/kg/24W-I JNCIAM 31,41,63
3V03J60V10 scu-mus TDLo:164 mg/kg/41W-I CNREA8 30,1037,70
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 11,153,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RG1575000 OCTADECANOIC ACID, 9,10-EPOXY-, BUTYL ESTER
UPDT:8401 CAS: 106-83-2 MW: 354.64 MOLFM: C22-H42-O3
SYN: BUTYL-9,10-EPOXYSTEARATE * 9,10-EPOXYOCTADECANOIC ACID BUTYL ESTER
TUMORIGENIC DATA AND REFERENCES:
3V03J60P62 unk-mus TDLo:24 gm/kg RARSAM 3,193,63
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
OCTADECANOIC ACID, METHYL ESTER see: WI4460000
OCTADECANOIC ACID, MONOESTER with 1,2-PROPANEDIOL see: WI7550000

RG1925000 OCTADECANOIC ACID, MONOESTER with 1,2,3-PROPANETRIOL
UPDT:8404 CAS: 31566-31-1 MW: 358.63 MOLFM: C21-H42-O4
SYN: ABRACOL S.L.G. * ADMUL * ADVAWAX 140 * ALDO HMS * ALDO MS * ALDO MSA * ALDO MSLG * ALDO-28 * ALDO-72 * ARLACEL 161 * ARLACEL 169 * ATMOS 150 * ATMUL 67 * ATMUL 84 * ATMUL 124 * CEFATIN * CELINHOL -A * CERASYNT 1000-D * CERASYNT S * CERASYNT SD * CERASYNT SE * CERASYNT WM * CITOMULGAN M * CYCLOCHEM GMS * DERMAGINE * DISTEARIN * DREWMULSE TP * DREWMULSE V * DRUMULSE AA * EMEREST 2400 * EMEREST 2401 * EMCOL CA * EMCOL MSK * EMUL P.7 * ESTOL 603 * GLYCERIN MONOSTEARATE * GLYCEROL MONOSTEARATE * GLYCERYL MONOSTEARATE * GROCOR 5500 * GROCOR 6000 * HODAG GMS * IMWITOR 191 * IMWITOR 900K * KESSCO 40 * LIPO GMS 410 * LIPO GMS 450 * LIPO GMS 600 * MONELGIN * MONOSTEARIN * OGEEN 515 * OGEEN GRB * OGEEN M * OGEEN MAV * ORBON * PROTACHEM GMS * SEDETINE * STARFOL GMS 450 * STARFOL GMS 600 * STARFOL GMS 900 * STEARIC ACID, MONOESTER with GLYCEROL * STEARIC MONOGLYCERIDE * TEGIN * TEGIN 503 * TEGIN 515 * UNIMATE GMS * USAF KE-7 * WITCONOL MS * WITCONOL MST
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:200 mg/kg NTIS** AD277-689
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
OCTADECANOIC ACID, SODIUM SALT (9CI) see: WI4725000
OCTADECANOIC ACID, ZINC SALT see: ZH5200000
OCTADECANOL see: RG2010000
n-OCTADECANOL see: RG2010000

RG2010000 1-OCTADECANOL
UPDT:8401 CAS: 112-92-5 MW: 270.56 MOLFM: C18-H38-O
SYN: ADOL * ADOL 68 * ATALCO S * CO-1895 * CO-1897 * CRODACOL S * DECYL OCTYL ALCOHOL * DYTOL E-46 * LOROL 28 * OCTADECANOL * n-OCTADECANOL * OCTA DECYL ALCOHOL * n-OCTADECYL ALCOHOL * POLAAX * SIPOL S * SIPONOL S * STEAROL * STEARYL ALCOHOL * STERAFFINE * USP XIII STEARYL ALCOHOL
TUMORIGENIC DATA AND REFERENCES:
2V02M60 imp-mus TDLo:1000 mg/kg CNREA8 26,105,66
TOXICITY DATA AND REFERENCES:
orl-rat LD50:20 gm/kg 37ASAA 1,722,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
9,12,15-OCTADECATRIENEPEROXOIC ACID (Z,Z,Z) (9CI) see: SE0580000

RG2208000 9,11,13-OCTADECATRIENOIC ACID, METHYL ESTER, (Z,E,E)-
UPDT:8309 MW: 292.51 MOLFM: C19-H32-O2
SYN: BOLLEX * METHYL alpha-ELEOSTEARATE * METHYL ESTER of (Z,E,E)-9,11,13-OCTADECATRIENOIC ACID
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5000 mg/kg FMCHA2 -,C34,83
9-OCTADECEN-1-AMINE, (Z)- (9CI) see: RG4130000
9-OCTADECEN-1-AMINE, HYDROFLUORIDE, (Z)- (9CI) see: RG4134000

RG2275000 9-OCTADECENOIC ACID, (Z)-
UPDT:8412 CAS: 112-80-1 MW: 282.52 MOLFM: C18-H34-O2
SYN: L'ACIDE OLEIQUE (French) * CENTURY CD FATTY ACID * EMERSOL 210 * EMERSOL 213 * EMERSOL 6321 * EMERSOL 233LL * EMERSOL 221 LOW TITER WHITE OLEIC ACID * EMERSOL 220 WHITE OLEIC ACID * GLYCON RO * GLYCON WO * GROCO 2 * GROCO 4 * GROCO 6 * GROCO 5L * HY-PHI 1055 * HY-PHI 1088 * HY-PHI 2066 * HY-PHI 2088 * HY-PHI 2102 * INDUSTRENE 105 * INDUSTRENE 205 * INDUSTRENE 206 * K 52 * METAUPON * NEO-FAT 90-04 * NEO-FAT 92-04 * OLEIC ACID * cis-delta(sup 9)-OCTADECENOIC ACID * cis-OCTADEC-9-ENOIC ACID * cis-9-OCTADECENOIC ACID * 9-OCTADECENOIC ACID, cis- * 9,10-OCTADECENOIC ACID * PAMOLYN * RED OIL * TEGO-OLEIC 130 * VOPCOLENE 27 * WECOLINE OO * WOCHEM NO. 320
IRRITATION DATA AND REFERENCES:
skn-hmn 15 mg/3D-I MOD 85DKA8 -,127,77
skn-rbt 500 mg open MLD UCDS** 11/29/63
MUTATION DATA AND REFERENCES:
cyt-smc 100 mg/L NATUAS 294,263,81
dns-mus-rec 35 mg/kg CALEDQ 23,253,84
cyt-ham:fbr 2500 ug/L CRNGDP 3,499,82
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rbt TDLo:390 mg/kg/17W-I CRSBAW 137,760,43
TOXICITY DATA AND REFERENCES:
orl-rat LD50:74 gm/kg UCDS** 11/29/63
1F12 ivn-mus LD50:230 mg/kg APTOA6 18,141,61
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
cis-OCTADEC-9-ENOIC ACID see: RG2275000
cis-delta(sup 9)-OCTADECENOIC ACID see: RG2275000
cis-9-OCTADECENOIC ACID see: RG2275000
9-OCTADECENOIC ACID, cis- see: RG2275000
9,10-OCTADECENOIC ACID see: RG2275000

RG3711000 9-OCTADECENOIC ACID, BUTYL ESTER (Z)-
UPDT:8403 CAS: 142-77-8 MW: 338.64 MOLFM: C22-H42-O2
SYN: BUTYL OLEATE * OLEIC ACID, BUTYL ESTER * UNIFLEX BYO
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,249,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
9-OCTADECENOIC ACID, 12-HYDROXY-, (Z)- see: VJ3150000
9-OCTADECENOIC ACID (Z)-, compd. with 2,2'-IMINOBIS(ETHANOL) (1:1) see: RK0880000
(Z)-9-OCTADECENOIC ACID, METHYL ESTER see: RK0895000
(Z)-9-OCTADECENOIC ACID mixed with (Z,Z)-9,12-OCTADECADIENOIC ACID see: OI9550000

RG4108000 9-OCTADECENOIC ACID (Z)-, TIN (2+) SALT
UPDT:8205 CAS: 1912-84-1 MW: 681.71 MOLFM: C36-H66-O4-Sn
SYN: STANNOUS OLEATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg CSLNX* NX#02288
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
9-OCTADECEN-1-OL, cis- see: RG4120000

RG4120000 9-OCTADECEN-1-OL, (Z)-
UPDT:8305 CAS: 143-28-2 MW: 268.54 MOLFM: C18-H36-O
SYN: ADOL * ADOL 34 * ADOL 80 * ADOL 85 * ADOL 90 * ADOL 320 * ADOL 330 * ADOL 340 * ATALCO O * CACHALOT O-1 * CACHALOT O-3 * CACHALOT O-8 * CACHALOT O-15 * CONDITIONER 1 * CRODACOL A.10 * CRODACOL-O * DERMAFFINE * H.D. EUTANOL * HD OLEYL ALCOHOL 70/75 * HD OLEYL ALCOHOL 80/85 * HD OLEYL ALCOHOL 90/95 * HD OLEYL ALCOHOL CG * LANCOL * LOXANOL 95 * LOXANOL M * NOVOL * OCENOL * OCEOL * cis-9-OCTADECEN-1-OL * 9-OCTADECEN-1-OL, cis- * OLEOL * OLEYL ALCOHOL * SATOL * SIPOL O * UNJECOL 50 * UNJECOL 70 * UNJECOL 90 * UNJECOL 110
IRRITATION DATA AND REFERENCES:
skn-hmn 75 mg/3D-I MLD 85DKA8 -,127,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
cis-9-OCTADECEN 1-OL see: RG4120000

RG4130000 9-OCTADECENYLAMINE, (Z)-
UPDT:8408 CAS: 112-90-3 MW: 267.56 MOLFM: C18-H37-N
SYN: ALAMINE 11 * ARMEEN O * KEMAMINE P 989 * NORAM O * 9-OCTADECEN-1-AMINE, (Z)- (9CI) * cis-9-OCTADECENYLAMINE * OLEAMINE * OLEINAMINE * OLEYL AMINE * OLEYLAMIN (German)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-mus TDLo:800 mg/kg (9D preg) DZZEA7 32,861,77
2T25T59 ipr-mus TDLo:400 mg/kg (9D preg) DZZEA7 32,861,77
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:888 mg/kg DZZEA7 35,1070,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
cis-9-OCTADECENYLAMINE see: RG4130000

RG4134000 9-OCTADECENYLAMINE, HYDROFLUORIDE, (Z)-
UPDT:8408 CAS: 7333-84-8 MW: 287.57 MOLFM: C18-H37-N.F-H
SYN: 9-OCTADECEN-1-AMINE, HYDROFLUORIDE, (Z)- (9CI) * OLEYLAMINE-HF * OLEYLAMINE HYDROFLUORIDE * OLEYLAMINHYDROFLUORID (German)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-mus TDLo:800 mg/kg (9D preg) DZZEA7 32,861,77
2T25T59 ipr-mus TDLo:200 mg/kg (9D preg) DZZEA7 32,861,77
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:459 mg/kg DZZEA7 35,1070,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
OCTA DECYL ALCOHOL see: RG2010000
n-OCTADECYL ALCOHOL see: RG2010000

RG4170000 OCTADECYLAMINE, ACETATE
UPDT:8401 CAS: 2190-04-7 MW: 329.64 MOLFM: C18-H39-N.C2-H4-O2
SYN: OCTADECANAMINE ACETATE * 1-OCTADEDECYLAMINE ACETATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg CHTPBA 1(1),11,65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RG4210000 OCTADECYLAMINE, N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8303 CAS: 1613-17-8 MW: 334.10 MOLFM: C20-H43-N.Cl-H
SYN: DIMETHYLOCTADECYLAMINE CHLORHYDRATE * N,N-DIMETHYLOCTADECYLAMINE HYDROCHLORIDE * N,N-DIMETHYL-1-OCTADECYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:850 mg/kg CHTPBA 1(1),11,65

RG4450000 OCTADECYLAMINE, N-ISOPROPYL-
UPDT:8407 CAS: 13329-71-0 MW: 312.68 MOLFM: C21-H46-N
SYN: ISOPROPYLOCTADECYLAMINE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1270 mg/kg HYSAAV 34(1-3),129,69
orl-mus LD50:2100 mg/kg HYSAAV 34(1-3),129,69
orl-gpg LD50:950 mg/kg HYSAAV 34(1-3),129,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
7-(2-(OCTADECYLAMINO)ETHYL)THEOPHYLLINE see: XH6375000
N-OCTADECYL-N-BENZYL-N,N-DIMETHYLAMMONIUM CHLORIDE see: BO7000000
OCTADECYLDIMETHYLBENZYLAMMONIUM CHLORIDE see: BO7000000
alpha-OCTADECYLETHER of GLYCEROL see: TZ0960000
1-O-OCTADECYLGLYCEROL see: TZ0960000
rac-1-OCTADECYL-lyso-GLYCEROPHOSPHOCHOLINE see: GA4028500
rac-1-OCTADECYL-2-HYDRIDE-GLYCEROPHOSPHOCHOLINE see: GA4035000
rac-1-OCTADECYL-2-METHOXY-GLYCEROPHOSPHOCHOLINE see: GA4029000
3-(OCTADECYLOXY)-1,2-PROPANEDIOL see: TZ0960000
OCTADECYL SODIUM SULFATE see: WT1170000
OCTADECYLTRICHLOROSILANE see: VV4680000
OCTADECYLTRICHLOROSILANE (DOT) see: VV4680000
1-OCTADEDECYLAMINE ACETATE see: RG4170000

RG5075000 2,6-OCTADIENAL, 3,7-DIMETHYL-
UPDT:8412 CAS: 5392-40-5 MW: 152.26 MOLFM: C10-H16-O
SYN: CITRAL * 3,7-DIMETHYL-2,6-OCTADIENAL * NCI-C56348
IRRITATION DATA AND REFERENCES:
skn-hmn 40 mg/24H MLD FCTXAV 17,259,79
skn-rbt 500 mg/24H MOD FCTXAV 17,259,79
skn-gpg 1%/48H MOD JSCCA5 28,357,77
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T11T24T25 skn-rat TDLo:28 gm/kg (60D pre) FCTXAV 18,547,80
1T75 skn-rat TDLo:46 gm/kg (14W pre) FCTXAV 18,547,80
3T12T29T75 skn-rat TDLo:46 gm/kg (14W pre) JRPFA4 55,347,79
1T72 skn-rat TDLo:27600 mg/kg (60D pre) JRPFA4 55,347,79
3T11T24T25 ipr-rat TDLo:1800 mg/kg (22W pre) FCTXAV 18,547,80
2T12T72 ipr-rat TDLo:1800 mg/kg (6D pre) JRPFA4 55,347,79
TOXICITY DATA AND REFERENCES:
1F07 orl-rat LD50:4960 mg/kg FCTXAV 2,327,64
* ipr-rat LD50:460 mg/kg JRPFA4 55,347,79
orl-mus LD50:6000 mg/kg BIJOAK 34,1196,40

STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RG5075100 2,6-OCTADIENAL, 3,7-DIMETHYL-, (E)-
UPDT:8402 CAS: 141-27-5 MW: 152.26 MOLFM: C10-H16-O
SYN: CITRAL alpha * alpha-CITRAL * (E)-CITRAL * trans-CITRAL * trans-3,7-DIMETHYL-2,6-OCTADIENAL * GERANALDEHYDE * GERANIAL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:500 mg/kg FRXXBL #2448856
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RG5200000 OCTADIENE
UPDT:8312 CAS: 63597-41-1 MW: 110.22 MOLFM: C8-H14
SYN: OCTADIENE (DOT) * UN 2309 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

RG5250000 1,7-OCTADIENE
UPDT:8307 CAS: 3710-30-3 MW: 110.22 MOLFM: C8-H14
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:14696 mg/kg AIHAAP 30,470,69
ihl-rat LCLo:8000 ppm/4H AIHAAP 30,470,69
* skn-rbt LD50:10519 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RG5300000 1,6-OCTADIENE, DIEPOXYDIHYDRO-7-METHYL-3-METHYLENE-
UPDT:8401 CAS: 63869-17-0 MW: 170.28 MOLFM: C10-H18-O2
SYN: DIEPOXYDIHYDROMYRCENE
TUMORIGENIC DATA AND REFERENCES:
3V03P62R60 unk-mus TDLo:5100 mg/kg RARSAM 3,193,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RG5330000 2,6-OCTADIENE, 1,1-DIMETHOXY-3,7-DIMETHYL-, (cis and trans)
UPDT:8305 CAS: 7549-37-3 MW: 198.34 MOLFM: C12-H22-O2
SYN: CITRAL DIMETHYL ACETAL * 1,1-DIMETHOXY-3,7-DIMETHYL-2,6-OCTADIENE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 11,1065,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RG5340000 1,6-OCTADIENE, 3,7-DIMETHYL-
UPDT:8412 CAS: 2436-90-0 MW: 138.28 MOLFM: C10-H18
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 21,845,83

OCTADIENE (DOT) see: RG5200000

RG5362000 2,6-OCTADIENE, 1-ETHOXY-3,7-DIMETHYL-
UPDT:8401 CAS: 40267-72-9 MW: 182.34 MOLFM: C12-H22-O
SYN: 1-ETHOXY-3,7-DIMETHYL-2,6-OCTADIENE * ETHYL GERANYL ETHER * GERANYL ETHYL ETHER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),693,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RG5365000 1,6-OCTADIENE, 7-METHYL-3-METHYLENE-
UPDT:8305 CAS: 123-35-3 MW: 136.26 MOLFM: C10-H16
SYN: MYRCENE * 3-METHYLENE-7-METHYL-1,6-OCTADIENE * 7-METHYL-3-METHYLENE-1,6-OCTADIENE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,615,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RG5370000 2,6-OCTADIENENITRILE, 3,7-DIMETHYL-, (E)-
UPDT:8305 CAS: 5585-39-7 MW: 149.26 MOLFM: C10-H15-N
SYN: (E)-3,7-DIMETHYL-2,6-OCTADIENENITRILE * GERANONITRILE * GERANYL NITRILE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3100 mg/kg FCTXAV 14,787,76
* skn-rbt LD50:4300 mg/kg FCTXAV 14,787,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RG5380000 2,6-OCTADIENOIC ACID, 3,7-DIMETHYL-
UPDT:8305 CAS: 459-80-3 MW: 168.26 MOLFM: C10-H16-O2
SYN: 3,7-DIMETHYL-2,6(AND 2,7)-OCTADIENOIC ACID * GERANIC ACID
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,785,79
TOXICITY DATA AND REFERENCES:
orl-mus LD50:4000 mg/kg BIJOAK 34,1196,40
* skn-rbt LD50:1750 mg/kg FCTXAV 17,785,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RG5385000 2,6-OCTADIENOIC ACID, 3,7-DIMETHYL-, ISOPENTYL ESTER, (E)-
UPDT:8305 CAS: 68133-73-3 MW: 238.41 MOLFM: C15-H26-O2
SYN: ISOAMYL GERANATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,831,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

9,12-OCTADIENOIC ACID, HYDROPEROXY-, METHYL ESTER (Z,Z)- (9CI) see: OI9530000

1-OCTA-2,7-DIENOL see: RG5425000

RG5425000 2,7-OCTADIEN-1-OL
UPDT:8307 CAS: 23578-51-0 MW: 126.22 MOLFM: C8-H14-O
SYN: 1-OCTA-2,7-DIENOL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:15 gm/kg TXAPA9 28,313,74
* skn-rbt LD50:1680 mg/kg TXAPA9 28,313,74

RG5430000 2,7-OCTADIEN-1-OL, ACETATE
UPDT:8308 CAS: 3491-27-8 MW: 168.26 MOLFM: C10-H16-O2
SYN: ACETIC ACID, 1-OCTA-2,7-DIENYL ESTER * 1-ACETOXYOCTADIENE * 2,7-OCTADIENYL ACETATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:38100 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:16 gm/kg TXAPA9 28,313,74

RG5775000 1,6-OCTADIEN-3-OL, 3,7-DIMETHYL-
UPDT:8305 CAS: 78-70-6 MW: 154.28 MOLFM: C10-H18-O
SYN: ALLO-OCIMENOL * 2,6-DIMETHYL-2,7-OCTADIENE-6-OL * 2,6-DIMETHYLOCTA-2,7-DIEN-6-OL * 3,7-DIMETHYLOCTA-1,6-DIEN-3-OL * 3,7-DIMETHYL-1,6-OCTADIEN-3-OL * LINALOL * LINALOOL * LINALYL ALCOHOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,673,76
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:600 mg/kg/8W-I CNREA8 33,3069,73
TOXICITY DATA AND REFERENCES:
1F19 orl-rat LD50:2790 mg/kg FCTXAV 2,327,64
ims-mus LD50:8000 mg/kg JSICAZ 21,342,62
* skn-rbt LD50:5610 mg/kg FCTXAV 13,827,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RG5830000 2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, (E)-
UPDT:8305 CAS: 106-24-1 MW: 154.28 MOLFM: C10-H18-O
SYN: 2,6-DIMETHYL-trans-2,6-OCTADIEN-8-OL * 3,7-DIMETHYL-trans-2,6-OCTADIEN-1-OL * GERANIOL * GERANIOL ALCOHOL * GERANIOL EXTRA * GERANYL ALCOHOL * GUANIOL * LEMONOL * 2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, trans-
TOXICITY DATA AND REFERENCES:
3F07F24R21 orl-rat LD50:3600 mg/kg FCTXAV 2,327,64
ims-mus LD50:4000 mg/kg JSICAZ 21,342,62
ivn-rbt LDLo:50 mg/kg NYKZAU 58,394,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RG5840000 2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, (Z)-
UPDT:8307 CAS: 106-25-2 MW: 154.28 MOLFM: C10-H18-O
SYN: 2-cis-3,7-DIMETHYL-2,6-OCTADIEN-1-OL * NEROL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,623,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4500 mg/kg FCTXAV 14,623,76
ims-mus LD50:3000 mg/kg JSICAZ 21,342,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, trans- see: RG5830000

RG5905000 5,7-OCTADIEN-2-OL, 2,6-DIMETHYL-
UPDT:8305 CAS: 5986-38-9 MW: 154.28 MOLFM: C10-H18-O
SYN: 2,6-DIMETHYL-5,7-OCTADIEN-2-OL * OCIMENOL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1700 mg/kg FCTXAV 14,817,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RG5910000 1,6-OCTADIEN-3-OL, 3,7-DIMETHYL-, ACETATE
UPDT:8305 CAS: 115-95-7 MW: 196.32 MOLFM: C12-H20-O2
SYN: ACETIC ACID LINALOOL ESTER * BERGAMIOL * 3,7-DIMETHYL-1,6-OCTADIEN-3-OL ACETATE * 3,7-DIMETHYL-1,6-OCTADIEN-3-YL ACETATE * LICAREOL ACETATE * LINALOL ACETATE * LINALOOL ACETATE * LINALYL ACETATE
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:4800 mg/kg/8W-I CNREA8 33,3069,73
TOXICITY DATA AND REFERENCES:
2F07F24 orl-rat LD50:14550 mg/kg FCTXAV 2,327,64
1F07 orl-mus LD50:13360 mg/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RG5920000 2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, ACETATE, (E)-
UPDT:8412 CAS: 105-87-3 MW: 196.32 MOLFM: C12-H20-O2
SYN: ACETIC ACID, GERANIOL ESTER * trans-3,7-DIMETHYL-2,6-OCTADIEN-1-OL, ACETATE * 3,7-DIMETHYL-2-trans, 6-OCTADIENYL ACETATE * trans-3,7-DIMETHYL-2,6-OCTADIEN-1-YL ACETATE * trans-2,6-DIMETHYL-2,6-OCTADIEN-8-YL ETHANOATE * GERANIOL ACETATE * GERANYL ACETATE * NCI-C54728 * 2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, ACETATE, trans-
TOXICITY DATA AND REFERENCES:
2F07F24 orl-rat LD50:6330 mg/kg FCTXAV 2,327,64
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, ACETATE, trans- see: RG5920000
1,6-OCTADIEN-3-OL, 3,7-DIMETHYL-, o-AMINOBENZOATE see: CB3250000
1,6-OCTADIEN-3-OL, 3,7-DIMETHYL-, 2-AMINOBENZOATE (9CI) see: CB3250000
1,6-OCTADIEN-3-OL, 3,7-DIMETHYL-, BENZOATE see: DH3300000

RG5925500 2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, 2-BUTENOATE, (E)-
UPDT:8305 CAS: 56172-46-4 MW: 222.36 MOLFM: C14-H22-O2
SYN: 2-BUTENOIC ACID, 3,7-DIMETHYL-2,6-OCTADIENYL ESTER * CROTONIC ACID, GERANIOL ESTER * trans-3,7-DIMETHYL-2,6-OCTADIEN-1-OL, 2-BUTENOATE * 3,7-DIMETHYL-2-trans, 6-OCTADIENYL CROTONATE * GERANIOL CROTONATE * GERANYL-2-BUTENOATE * GERANYL CROTONATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,891,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1,6-OCTADIEN-3-OL, 3,7-DIMETHYL-, CINNAMATE see: GD9700000

RG5925700 2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, FORMATE, (E)-
UPDT:8305 CAS: 105-86-2 MW: 182.29 MOLFM: C11-H18-O2
SYN: trans-3,7-DIMETHYL-2,6-OCTADIEN-1-OL FORMATE * trans-3,7-DIMETHYL-2,6-OCTADIEN-1-YL FORMATE * FORMIC ACID, 3,7-DIMETHYL-2,6-OCTADIENYL ESTER, (E)- * FORMIC ACID, GERANIOL ESTER * GERANIOL FORMATE * GERANYL FORMATE
IRRITATION DATA AND REFERENCES:
skn-hmn 10 mg/48H MLD FCTXAV 12,893,74
eye-rbt 100 mg/24H MLD FCTXAV 12,893,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RG5925800 2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, FORMATE, (Z)-
UPDT:8305 CAS: 2142-94-1 MW: 182.29 MOLFM: C11-H18-O2
SYN: 3,7-DIMETHYL-2,6-OCTADIEN-1-OL, FORMATE (cis) * FORMIC ACID, NERYL ESTER * NERYL FORMATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,627,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RG5926000 2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, HEXANOATE, (E)-
UPDT:8305 CAS: 10032-02-7 MW: 252.44 MOLFM: C16-H28-O2
SYN: (E)-3,7-DIMETHYLOCTA-2,6-DIEN-1-YL n-HEXANOATE * GERANYL CAPROATE * GERANYL HEXANOATE * HEXANOIC ACID, 3,7-DIMETHYLOCTA-2,6-DIEN-1-YL ESTER, (E)-
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,783,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1,6-OCTADIEN-3-OL, 3,7-DIMETHYL-, ISOBUTYRATE see: NQ4610000
2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, ISOBUTYRATE, trans- see: UF5610000

RG5927200 1,6-OCTADIEN-3-OL, 4,7-DIMETHYL-, ISOVALERATE
UPDT:8305 CAS: 1118-27-0 MW: 238.41 MOLFM: C15-H26-O2
SYN: 3,7-DIMETHYL-1,6-OCTADIEN-3-YL ISOVALERATE * ISOVALERIC ACID, (4,7-DIMETHYL-1,6-OCTADIEN-3-YL) ESTER * LINALYL ISOVALERATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,811,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RG5927700 2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, ISOVALERATE, (E)-
UPDT:8305 CAS: 109-20-6 MW: 238.41 MOLFM: C15-H26-O2
SYN: BUTYRIC ACID, 3-METHYL-, 3,7-DIMETHYL-2,6-OCTADIENYL ESTER, (E)- * trans-3,7-DIMETHYL-2,6-OCTADIENYL ISOPENTANOATE * GERANYL ISOVALERATE * ISOVALERIC ACID, 3,7-DIMETHYL-2,6-OCTADIENYL ESTER, (E)-
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,785,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RG5927710 2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, ISOVALERATE, (Z)-
UPDT:8305 CAS: 3915-83-1 MW: 238.41 MOLFM: C15-H26-O2
SYN: 3,7-DIMETHYL-2-cis-6-OCTADIEN-1-YL ISOVALERATE * ISOVALERIC ACID, 3,7-DIMETHYL-2,6-OCTADIENYL ESTER, (Z)- * NERYL ISOVALERIANATE * NERYL beta-METHYL BUTYRATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,815,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RG5927900 2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, 2-METHYL-2-BUTENOATE, (E,E,E)-
UPDT:8305 CAS: 7785-33-3 MW: 236.39 MOLFM: C15-H24-O2
SYN: 2-BUTENOIC ACID, 2-METHYL-, 3,7-DIMETHYL-2,6-OCTADIENYL ESTER, (E,E,E)- * cis-alpha,beta-DIMETHYL ACRYLIC ACID, GERANIOL ESTER * tran-3,7-DIMETHYL-2,6-OCTADIEN-1-YL cis-alpha,beta-DIMETHYL ACRYLATE * GERANYL TIGLATE * TIGLIC ACID, GERANIOL ESTER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 12,899,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RG5927910 2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, PROPIONATE, (Z)-
UPDT:8305 CAS: 105-91-9 MW: 210.35 MOLFM: C13-H22-O2
SYN: cis-3,7-DIMETHYL-2,6-OCTADIEN-1-OL, PROPIONATE * NERYL PROPIONATE * PROPIONIC ACID, 3,7-DIMETHYL-2,6-OCTADIEN-1-YL ESTER * PROPIONIC ACID, NERYL ESTER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,629,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2,7-OCTADIENYL ACETATE see: RG5430000
OCTAFLUOROADIPONITRILE see: AV2800000
OCTAFLUOROAMYL ALCOHOL see: SA7649000 1-PENTANOL, OCTAFLUORO-
OCTAFLUORO-sec-BUTENE see: UD1800000
OCTAFLUOROBUTENE-2 see: EM8980000
OCTAFLUOROBUT-2-ENE (DOT) see: EM8980000
OCTAFLUOROCYCLOBUTANE see: GU1779500
OCTAFLUOROCYCLOBUTANE (DOT) see: GU1779500
OCTAFLUOROISOBUTYLENE see: UD1800000 1-PROPENE, 1,1,3,3,3-PENTAFLUORO-2-TRIFLUOROMETHYL-
OCTAFLUOROISOBUTYL METHYL ETHER see: KO2100000
OCTAFLUOROPENTANOL see: SA7649000 1-PENTANOL, OCTAFLUORO-
OCTAFLUORO-1-PENTANOL see: SA7649000 1-PENTANOL, OCTAFLUORO-
OCTAFLUOROPENTYL ALCOHOL see: SA7649000 1-PENTANOL, OCTAFLUORO-
OCTAFLUOROPROPANE see: TZ5255000
OCTAFLUOROPROPANE (DOT) see: TZ5255000
OCTAHYDROAZOCINE HYDROCHLORIDE mixed with SODIUM NITRITE (1:1) see: CN4850000
OCTAHYDROAZOCIN-2-ONE see: CN4810000
(2-(OCTAHYDRO-1-AZOCINYL)ETHYL)GUANIDINE SULFATE see: MF3240000
2-(OCTAHYDRO-1-AZOCINYL)ETHYL GUANIDINE SULPHATE see: MF3150000
((OCTAHYDRO-2-AZOCINYL)METHYL)GUANIDINE SULFATE HYDRATE see: MF5350000
OCTAHYDRO-2H-AZONIN-2-ONE see: CN4830000
3-(OCTAHYDRO-1H-AZONIN-1-YLMETHYL)-5-INDOLECARBONITRILE see: NL5993440
OCTAHYDRO-1-BENZOPYRAN-2-ONE see: GN8261500
OCTAHYDRO-alpha-(p-CHLOROPHENYL)-1-AZOCINEPROPANOL HYDROCHLORIDE see: CN5085000
OCTAHYDROCOUMARIN see: GN8261500
OCTAHYDRO-1:2:5:6-DIBENZANTHRACENE see: HN5675000
5,6,6a-alpha,6b-beta,11,12,12a-beta,12b-alpha-OCTAHYDRODIBENZO(a,g)BIPHENYLENE-3,9-DIOL see: HO4990000
OCTAHYDRO-3-axial-(3,4-DIMETHOXYPHENYL)-2H-QUINOLIZIN-3-equatorial-OL see: VC8610600
OCTAHYDRO-3-equatorial-(3,4-DIMETHOXYPHENYL)-2H-QUINOLIZIN-3-axial-OL see: VC8610400
1,2,3,4,6,7,12,12b-OCTAHYDRO-12,12b-DIMETHYL-3-ETHYL-INDOLO(2,3-a)QUINOLIZINE see: NM3475000
1,2,3,4,5,6,7,8-OCTAHYDRO-1,4-DIMETHYL-7-(1-METHYLETHYLIDENE)-AZULENE, (1S,cis) see: ME6344000
OCTAHYDRO-1',1'-DIMETHYLSPIRO(NAPHTHALENE-2(1H),4'-PIPERIDIUIUM) IODIDE see: WH1317100
OCTAHYDRO-3-axial-(4-HYDROXYPHENYL)-2H-QUINOLIZIN-3-equatorial-OL see: VC8611500
OCTAHYDRO-3-equatorial-(4-HYDROXYPHENYL)-2H-QUINOLIZIN-3-axial-OL see: VC8610900
1,2,3,4,6,7,7a,11c-OCTAHYDRO-9-METHOXY-2-METHYL-BENZOFURO(4,3,2-efg)(2)BENZAZOCIN-6-OL HBr see: DF8075000
1,2,6,7,8,9,10,12b-OCTAHYDRO-3-METHYLBENZ(j)ACEANTHRYLENE see: FZ3620000
OCTAHYDRO-1-NITROSOAZOCINE see: CN4900000
OCTAHYDRO-1-NITROSO-1H-AZONINE see: CO1750000
OCTAHYDRO-1'-(3-PHENOTHIAZIN-10-YLPROPYL)SPIRO(NAPHTHALENE-2(1H),4'-PIPERIDINE) HCl see: WH1317000
cis-OCTAHYDRO-2H-QUINOLIZIN-1-OL ACETATE (ester) HYDROCHLORIDE see: VC8609100
trans-OCTAHYDRO-2H-QUINOLIZIN-1-OL ACETATE (ester) HYDROCHLORIDE see: VC8609000
cis-OCTAHYDRO-2H-QUINOLIZIN-1-OL DIMETHYLCARBAMATE ESTER MONOHYDROCHLORIDE see: VC8610800
trans-OCTAHYDRO-2H-QUINOLIZIN-1-OL DIMETHYLCARBAMATE (ester) MONOHYDROCHLORIDE see: VC8610700
cis-OCTAHYDRO-2H-QUINOLZIN-1-OL ISOBUTYRATE (ester) HYDROCHLORIDE see: VC8612500
trans-OCTAHYDRO-2H-QUINOLIZIN-1-OL ISOBUTYRATE (ester) HYDROCHLORIDE see: VC8612000
trans-OCTAHYDRO-2H-QUINOLIZIN-1-OL 2-METHYLBUTYRATE HYDROCHLORIDE see: VC8614300
trans-OCTAHYDRO-2H-QUINOLIZIN-1-OL VERATRATE (ester) HYDROCHLORIDE see: VC8614400
N-((OCTAHYDRO-1(2H)-QUINOLYL)METHYL)PHTHALIMIDE see: TI5635550
N-((OCTAHYDRO-1(2H)-QUINOLYL)METHYL)SUCCINIMIDE see: WN3380000
OCTAHYDROSPIRO(IMIDAZOLIDINE-4,2'(1H)-NAPHTHALENE)-2',5'-DIONE see: WH1312200
OCTAHYDRO-3,6,9-TRIMETHYL-3,12-EPOXY-12H-PYRANO(4,3-j)-1,2-BENZODIOXEPIN-10(3H)-ONE see: KD4170000
1,2,3,4,6,7,12,12b-OCTAHYDRO-3,12,12b-TRIMETHYL-INDOLO(2,3-a)QUINOLIZINE see: NM3475500
OCTA-KLOR see: PB9800000
gamma-OCTALACTONE see: LU3562000
OCTALENE see: IO2100000
OCTALOX see: IO1750000
OCTAMETHYL see: UX5950000
OCTAMETHYL-DIFOSFORZUUR-TETRAMIDE (Dutch) see: UX5950000
OCTAMETHYLDIPHOSPHORAMIDE see: UX5950000 PYROPHOSPHORAMIDE, OCTAMETHYL-
OCTAMETHYL-DIPHOSPHORSAEURE-TETRAMID (German) see: UX5950000
OCTAMETHYLEN-BISCARBAMINOYL-m-TRIMETHYLAMMONIUMPHENOL-DIJODID (German) see: BR3260000
5,5'-(OCTAMETHYLENEBIS(CARBONYLIMINO))BIS(N-METHYL-2,4,6-TRIIODOISOPHTHALAMIC ACID) see: NT1998000
N,N'-OCTAMETHYLENEBIS(2,2-DICHLOROACTAMIDE) see: AC6800000

RG7600000 1,8-OCTAMETHYLENEDIAMINE, N,N'-BIS(AZIRIDINYLACETYL)-
UPDT:8306 CAS: 1553-36-2 MW: 310.50 MOLFM: C16-H30-N4-O2
SYN: N,N'-BIS(AZIRIDINYLACETYL)-1,8-OCTAMETHYLENE DIAMINE
MUTATION DATA AND REFERENCES:
mmo-sat 6410 mg/L MUREAV 31,115,75
cyt-rat-orl 200 ug/kg MUREAV 31,115,75
dlt-rat-orl 100 mg/kg MUREAV 31,115,75
TOXICITY DATA AND REFERENCES:
orl-rat LD50:225 mg/kg MUREAV 31,115,75
orl-mus LD50:1070 mg/kg TXAPA9 10,69,67
ipr-mus LD50:88 mg/kg TXAPA9 10,69,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OCTAMETHYLPYROPHOSPHORAMIDE see: UX5950000
OCTAMETHYL PYROPHOSPHORTETRAMIDE see: UX5950000
OCTAMETHYL TETRAMIDO PYROPHOSPHATE see: UX5950000

RG7780000 1-OCTANAL
UPDT:8305 CAS: 124-13-0 MW: 128.24 MOLFM: C8-H16-O
SYN: ALDEHYDE C-8 * C-8 ALDEHYDE * OCTANALDEHYDE * n-OCTYL ALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 11,1079,73
eye-rbt 100 mg MLD FCTXAV 11,1079,73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5630 mg/kg FCTXAV 11,95,73
* skn-rbt LD50:6350 mg/kg FCTXAV 11,95,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RG7850000 1-OCTANAL, 3,7-DIMETHYL-7-HYDROXY-
UPDT:8305 CAS: 107-75-5 MW: 172.30 MOLFM: C10-H20-O2
SYN: CITRONELLAL HYDRATE * CITRONELLAL, HYDROXY- * CYCLALIA * CYCLOSIA * 3,7-DIMETHYL-7-HYDROXYOCTANAL * FIXOL * HYDROXYCITRONELLAL * 7-HYDROXYCITRONELLAL * 7-HYDROXY-3,7-DIMETHYLOCTAN-1-AL * LAURINE * LILYL ALDEHYDE * MUSUET SYNTHETIC * MUSUETTINE PRINCIPLE * OCTANAL, 7-HYDROXY-3,7-DIMETHYL- * PHIXIA
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 12,921,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OCTANALDEHYDE see: RG7780000

RG7890000 1-OCTANAL, 3,7-DIMETHYL-7-METHOXY-
UPDT:8305 CAS: 3613-30-7 MW: 186.33 MOLFM: C11-H22-O2
SYN: HYDROXYCITRONELLAL METHYL ETHER * METHOXYCITRONELLAL METHYL ETHER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,807,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RG7895000 OCTANAL, 8-FLUORO-
UPDT:8307 CAS: 593-17-9 MW: 146.23 MOLFM: C8-H15-F-O
SYN: 8-FLUOROOCTANAL
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:2 mg/kg JACSAT 78,4996,56

OCTANAL, 7-HYDROXY-3,7-DIMETHYL- see: RG7850000

RG7914000 OCTANAL, 2-METHYL-
UPDT:8401 CAS: 7786-29-0 MW: 142.27 MOLFM: C9-H18-O
SYN: METHYLHEXYLACETALDEHYDE * alpha-METHYLOCTANAL * 2-METHYLOCTANAL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),753,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OCTANAL, 2-(PHENYLMETHYLENE)- see: GD6560000

RG7958000 OCTANAMIDE, N-(4-((6-METHOXY-8-QUINOLINYL)AMINO)PENTYL)-
UPDT:8403 CAS: 81947-79-7 MW: 385.61 MOLFM: C23-H35-N3-O2
SYN: N-(4-((6-METHOXY-8-QUINOLINYL)AMINO)PENTYL)OCTANAMIDE * OCTANOYL PRIMAQUINE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:798 mg/kg CYLPDN 3,270,82

RG7960000 OCTANAMIDE, N-METHYL-N-NITROSO-
UPDT:8401 CAS: 15567-46-1 MW: 186.29 MOLFM: C9-H18-N2-O2
SYN: N-METHYL-N-NITROSOOCTANAMIDE * N-NITROSO-N-METHYLCAPRYLAMIDE
MUTATION DATA AND REFERENCES:
mrc-smc 10 umol/L ZEVBAS 98,230,66
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

3-OCTANAMIDO-2,4,6-TRIIODOBENZOIC ACID see: DH5944500
OCTANAMINE ACETATE see: RH6880000

RG8225000 1-OCTANAMINE, N,N-DIOCTYL-
UPDT:8305 CAS: 1116-76-3 MW: 353.76 MOLFM: C24-H51-N
SYN: ALAMINE 308 * ALAMINE 336 * TRICAPRYLYLAMINE * TRI-n-OCTYLAMINE
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:63 mg/kg CBCCT* 4,323,52
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1-OCTANAMINIUM, N-METHYL-N,N-DIOCTYL-, CHLORIDE (9CI) see: BR8575000
OCTAN AMYLU (Polish) see: AJ1925000
OCTAN ANTIMONITY (Czech) see: AF4200000
OCTAN BARNATY (Czech) see: AF4550000
OCTAN n-BUTYLU (Polish) see: AF7350000

RG8400000 OCTANE
UPDT:8404 CAS: 111-65-9 MW: 114.26 MOLFM: C8-H18
SYN: OCTANE (DOT) * OKTAN (Polish) * OKTANEN (Dutch) * OTTANI (Italian) * UN 1262 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 300 ppm; STEL 375 ppm DTLVS* 4,313,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ppm (SCP-G) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ALKANES recm std-air:TWA 350 mg/m3;CL 1800 mg/m3/15M NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1500
REPORTED IN EPA TSCA INVENTORY, 1983

RG8500000 OCTANE-1-NNO-AZOXYMETHANE
UPDT:8401 CAS: 54405-61-7 MW: 172.31 MOLFM: C9-H20-N2-O
SYN: METHYLAZOXYOCTANE * METHYLOCTYLDIAZENE 1-OXIDE
TUMORIGENIC DATA AND REFERENCES:
3V01J60M60 ipr-mus TDLo:2450 mg/kg/14W-I JNCIAM 53,1181,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RG8575000 OCTANE, 1-BROMO-
UPDT:8403 CAS: 111-83-1 MW: 193.16 MOLFM: C8-H17-Br
SYN: 1-BROMOOCTANE * n-OCTYL BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5020 mg/kg AIHAAP 30,470,69
* skn-rbt LD50:8944 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1-OCTANECARBOXYLIC ACID see: RA6650000
1,8-OCTANEDICARBOXYLIC ACID see: VS0875000

RG9450000 OCTANE, 1,2:7,8-DIEPOXY-
UPDT:8401 CAS: 2426-07-5 MW: 142.22 MOLFM: C8-H14-O2

SYN: 1,2,7,8-DIEPOXYOCTANE * 1,2-EPOXY-7,8-EPOXYOCTANE

IRRITATION DATA AND REFERENCES:

skn-rbt 100 ug/24H open AIHAAP 23,95,62

MUTATION DATA AND REFERENCES:

mmo-sat 990 ug/plate PNASA6 72,5135,75

mmo-klp 500 umol/L MUREAV 89,269,81

mmo-nsc 75 mmol/L CNREA8 32,1890,72

cyt-ham:lng 6 umol/L JEPTDQ 2(2),587,79

msc-ham:lng 6 umol/L JEPTDQ 2(2),587,79

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10 skn-mus TDLo:6600 mg/kg/55W-I JNCIAM 39,1217,67

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1070 mg/kg AIHAAP 23,95,62

1R10 skn-rbt LD50:320 mg/kg AIHAAP 23,95,62

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RG9605000 1,2-OCTANEDIOL, 3,7-DIMETHYL-

UPDT:8307 CAS: 107-74-4 MW: 174.32 MOLFM: C10-H22-O2

SYN: CITRONELLOL, HYDROXY- * 3,7-DIMETHYL-1,7-OCTANEDIOL * HYDROXYCITRONELLOL * 7-HYDROXY-3,7-DIMETHYLOCTAN-1-OL * 1-OCTANOL, 3,7-DIMETHYL-7-HYDROXY-

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD FCTXAV 12,923,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

OCTANE (DOT) see: RG8400000

RG9625000 OCTANE, 1,2-EPOXY-

UPDT:8401 CAS: 2984-50-1 MW: 128.24 MOLFM: C8-H16-O

SYN: 1,2-EPOXYOCTANE * OCTYLENE EPOXIDE

TUMORIGENIC DATA AND REFERENCES:

2V03P62 unk-mus TDLo:103 mg/kg RARSAM 3,193,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RG9700100 OCTANE, 1-IODO-

UPDT:8408 CAS: 629-27-6 MW: 240.15 MOLFM: C8-H17-I

SYN: 1-IODOOCTANE * OCTYL IODIDE * n-OCTYL IODIDE * 1-OCTYL IODIDE * 1-n-OCTYL IODIDE

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:1982 mg/kg 85GMAT -,95,82

* ipr-mus LD50:1416 mg/kg 85GMAT -,95,82

8-OCTANELACTAM see: CN4830000

RG9700300 OCTANENITRILE

UPDT:8412 CAS: 124-12-9 MW: 125.24 MOLFM: C8-H15-N

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1764 mg/kg ARTODN 55,47,84

OCTAN ETOKSYETYLU (Polish) see: KK8225000

OCTAN ETYLU (Polish) see: AH5425000

OCTAN FENYLRTUTNATY (Czech) see: OV6475000

OCTAN KOBALTNATY (Czech) see: AG3325000

OCTAN MANGANATY (Czech) see: AI5770000

OCTAN MEDNATY (Czech) see: AG3480000

OCTAN METYLU (Polish) see: AI9100000

RH0175000 OCTANOIC ACID

UPDT:8403 CAS: 124-07-2 MW: 144.24 MOLFM: C8-H16-O2

SYN: HEXACID 898 * C-8 ACID * CAPRYLIC ACID * n-CAPRYLIC ACID * neo-FAT 8 * 1-HEPTANECARBOXYLIC ACID * OCTIC ACID * n-OCTOIC ACID * n-OCTYLIC ACID

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD FCTXAV 19,237,81

MUTATION DATA AND REFERENCES:

sln-smc 5 ppm ANYAA9 407,186,83

oms-nml:oth 10 mmol/L CHROAU 40,1,73

cyt-nml:oth 10 mmol/L CHROAU 40,1,73

TOXICITY DATA AND REFERENCES:

2F07K12 orl-rat LD50:10080 mg/kg FCTXAV 2,327,64

1F12 ivn-mus LD50:600 mg/kg APTOA6 18,141,61

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AMIHAB 21,100,60

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

RH0365000 OCTANOIC ACID, ALLYL ESTER

UPDT:8305 CAS: 4230-97-1 MW: 184.31 MOLFM: C11-H20-O2

SYN: ALLYL CAPRYLATE * ALLYL OCTANOATE * OCTANOIC ACID, 2-PROPENYL ESTER

IRRITATION DATA AND REFERENCES:

skn-rbt 310 mg/kg/24H MOD FCTXAV 16,643,78

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:570 mg/kg FCTXAV 16,643,78

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

RH0367000 OCTANOIC ACID, 2-(4-((3-AMINO-2,3,6-TRIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-1,2,3,4,6,11- HEXAHYDRO-2,5,12-TRIHYDROXY-7-METHOXY-6,11-DIOXO-2-NAPHTHACENYL)-2-OXOETHYL ESTER, HYDROCHLORIDE, (2S-cis)

UPDT:8307 MW: 706.25 MOLFM: C35-H43-N-O12 .Cl-H

SYN: ADRIAMYCIN-14-OCTANOATE HYDROCHLORIDE

MUTATION DATA AND REFERENCES:

dnd-mam:lym 52 umol/L FRPSAX 32,315,77

TOXICITY DATA AND REFERENCES:

ivn-mus LD50:19 mg/kg 31TFAO 3,987,74

RH0367200 OCTANOIC ACID, BARIUM SALT

UPDT:8412 CAS: 4696-54-2 MW: 425.82 MOLFM: C16-H32-O4 .Ba

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1 gm/kg GISAAA 39(11),91,74

* orl-mus LD50:1100 mg/kg GISAAA 39(11),91,74

* orl-gpg LD50:1250 mg/kg GISAAA 39(11),91,74

RH0367500 OCTANOIC ACID, 3-BENZYL-7-METHYL-

UPDT:8303 MW: 248.40 MOLFM: C16-H24-O2

SYN: 3-BENZYL-7-METHYLOCTANOIC ACID

TOXICITY DATA AND REFERENCES:

* unk-mus LD50:136 mg/kg FRPSAX 16,23,61

RH0370000 OCTANOIC ACID, CADMIUM SALT (2:1)

UPDT:8303 CAS: 2191-10-8 MW: 398.86 MOLFM: C16-H30-O4 .Cd

SYN: CADMIUM CAPRYLATE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:950 mg/kg JHEMA2 18,144,74

itr-rat LDLo:10 mg/kg JHEMA2 18,144,74

orl-mus LD50:300 mg/kg JHEMA2 18,144,74

REVIEW AND REFERENCES:

★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 DTLVS* 4,59,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

RH0605000 OCTANOIC ACID, 3,7-DIMETHYL-7-PHENYL-

UPDT:8303 MW: 248.40 MOLFM: C16-H24-O2

SYN: 3,7-DIMETHYL-7-PHENYLOCTANOIC ACID

TOXICITY DATA AND REFERENCES:

* unk-mus LD50:720 mg/kg FRPSAX 16,23,61

OCTANOIC ACID, 4,4-DIMETHYL-, TRIBUTYLSTANNYL ESTER see: WH8588000

RH0680000 OCTANOIC ACID, ETHYL ESTER

UPDT:8403 CAS: 106-32-1 MW: 172.30 MOLFM: C10-H20-O2

SYN: ETHYL CAPRYLATE * ETHYL OCTANOATE * ETHYL OCTYLATE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD FCTXAV 14,763,76

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:25960 mg/kg FCTXAV 14,763,76

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

RH0763500 OCTANOIC ACID, HEXYL ESTER

UPDT:8401 CAS: 1117-55-1 MW: 228.42 MOLFM: C14-H28-O2

SYN: HEXYL CAPRYLATE * n-HEXYL CAPRYLATE * HEXYL OCTANOATE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),713,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

RH0764000 OCTANOIC ACID, 2-HEXYL-, 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER, DIHYDROCHLORIDE

UPDT:8403 MW: 427.57 MOLFM: C21-H42-N2-O2 .2Cl-H

SYN: 2-HEXYLOCTANOIC ACID 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F12F13J30 ipr-mus LD50:150 mg/kg JAPMA8 46,279,57

RH0770000 OCTANOIC ACID, ISOPENTYL ESTER

UPDT:8305 CAS: 2035-99-6 MW: 214.39 MOLFM: C13-H26-O2

SYN: ISOAMYL CAPRYLATE * ISOAMYL OCTANOATE * ISOPENTYL OCTANOATE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD FCTXAV 17,827,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

RH0780000 OCTANOIC ACID, METHYL ESTER mixed with METHYL DECANOATE

DEF:METHYL ESTER of fatty acids with 8-12 alkyl carbons (85ARAE 3,81,76)

UPDT:8309

SYN: METHYL OCTANOATE and METHYL DECANOATE * OFF-SHOOT-O

TOXICITY DATA AND REFERENCES:

orl-rat LD50:20500 mg/kg 85ARAE 3,81,76

* unk-mam LD50:20500 mg/kg FMCHA2 -,C172,83

RH0781000 OCTANOIC ACID, PENTADECAFLUORO-

UPDT:8411 CAS: 335-67-1 MW: 414.09 MOLFM: C8-H-F15-O2

SYN: PENTADECAFLUOROOCTANOIC ACID * PENTADECAFLUORO-n-OCTANOIC ACID * PERFLUOROCAPRYLIC ACID * PERFLUOROHEPTANECARBOXYLIC ACID * PERFLUOROCTANOIC ACID * PERFLUOROOCTANOIC ACID * PFOA

MUTATION DATA AND REFERENCES:

dnd-esc 50 umol/L MUREAV 89,95,81

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:189 mg/kg TXAPA9 70,362,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

RH0782000 OCTANOIC ACID, PENTADECAFLUORO-, AMMONIUM SALT

UPDT:8412 CAS: 3825-26-1 MW: 431.13 MOLFM: C8-F15-O2 .H4-N

SYN: AMMONIUM PENTADECAFLUOROOCTANATE * AMMONIUM PERFLUOROCAPRILATE * AMMONIUM PERFLUOROOCTANOATE * FC-143 * PERFLUOROAMMONIUM OCTANOATE

IRRITATION DATA AND REFERENCES:

eye-rbt 500 mg/24H MOD AIHAAP 41,576,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T81 ihl-rat TCLo:25 mg/m3/6H (6-15D preg) FAATDF 4,429,84

TOXICITY DATA AND REFERENCES:

3D28F19R21 orl-rat LD50:430 mg/kg AIHAAP 41,576,80

* ihl-rat LCLo:80 mg/m3/4H FAATDF 4,429,84

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OCTANOIC ACID, 1,2,3-PROPANETRIYL ESTER see: YJ7700000

OCTANOIC ACID, 2-PROPENYL ESTER see: RH0365000

RH0787400 OCTANOIC ACID, THIO-, S-2-AMINOETHYL ESTER, HYDROCHLORIDE

UPDT:8311 MW: 239.84 MOLFM: C10-H21-N-O-S .Cl-H

SYN: S-OCTANOYL-2-MERCAPTOETHYLAMINE HYDROCHLORIDE * THIOOCTANOIC ACID S-2-AMINOETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LDLo:800 mg/kg JPMSAE 51,168,62

RH0787500 OCTANOIC ACID, p-TOLYL ESTER

UPDT:8305 CAS: 59558-23-5 MW: 234.37 MOLFM: C15-H22-O2

SYN: p-CRESYL CAPRYLATE * p-CRESYL OCTANOATE * p-TOLYL OCTANOATE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD FCTXAV 16,697,78

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1600 mg/kg FCTXAV 16,697,78

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

OCTANOIC ACID TRIGLYCERIDE see: YJ7700000

RH0790000 OCTANOIC ACID, ZINC SALT (2:1)

UPDT:8403 CAS: 557-09-5 MW: 351.83 MOLFM: C16-H30-O4 .Zn

SYN: ZINC CAPRYLATE

TOXICITY DATA AND REFERENCES:

itr-rat LDLo:10 mg/kg JHEMA2 18,144,74

orl-mus LD50:2370 mg/kg JHEMA2 18,144,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

OCTANOIN, TRI- (8CI) see: YJ7700000

OCTANOL see: RH6550000

n-OCTANOL see: RH6550000

D-n-OCTANOL see: RH0855000

sec-OCTANOL (9CI) see: RH6620000

tert-OCTANOL see: MO9220000 1-HEXANOL, 2,2-DIMETHYL-

1-OCTANOL see: RH6550000

RH0855000 3-OCTANOL

UPDT:8305 CAS: 589-98-0 MW: 130.26 MOLFM: C8-H18-O

SYN: AMYLETHYLCARBINOL * ETHYLAMYLCARBINOL * ETHYL-n-AMYLCARBINOL * OCTANOL-3 * D-n-OCTANOL

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD FCTXAV 17,881,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

OCTANOL-3 see: RH0855000
1-OCTANOL ACETATE see: AJ1400000

RH0885000 1-OCTANOL, 2-BUTYL-
UPDT:8407 CAS: 3913-02-8 MW: 186.38 MOLFM: C12-H26-O
SYN: 2-BUTYL-1-OCTANOL * 2-BUTYLOCTYL ALCOHOL
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
eye-rbt 500 mg open AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:13 gm/kg AMIHBC 4,119,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RH0900000 1-OCTANOL, 3,7-DIMETHYL-
UPDT:8305 CAS: 106-21-8 MW: 158.32 MOLFM: C10-H22-O
SYN: CITRONELLOL, DIHYDRO- * DIHYDROCITRONELLOL * DIMETHYLOCTANOL * 2,6-DIMETHYL-8-OCTANOL * 3,7-DIMETHYL-1-OCTANOL * GERANIOL, PERHYDRO- * GERANIOL, TETRAHYDRO- * GERANIOL TETRAHYDRIDE * PELARGOL * PERHYDROGERANIOL * TETRAHYDROGERANIOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 13,517,75
TOXICITY DATA AND REFERENCES:
* skn-rbt LD50:2400 mg/kg FCTXAV 12,535,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RH0905000 3-OCTANOL, 3,7-DIMETHYL-
UPDT:8305 CAS: 78-69-3 MW: 158.32 MOLFM: C10-H22-O
SYN: 3,7-DIMETHYLOCTANOL-3 * LINALOOL TETRAHYDRIDE * TETRAHYDROLINALOOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,909,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RH0920000 1-OCTANOL, 3,7-DIMETHYL-, ACETATE
UPDT:8305 CAS: 20780-49-8 MW: 200.36 MOLFM: C12-H24-O2
SYN: DIHYDROCITRONELLYL ACETATE * 3,7-DIMETHYLOCTANYL ACETATE * 3,7-DIMETHYLOCTYL ACETATE * TETRAHYDROGERANYL ACETATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 18,673,80
TOXICITY DATA AND REFERENCES:
* skn-rbt LD50:5000 mg/kg FCTXAV 18,673,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1-OCTANOL, 3,7-DIMETHYL-7-HYDROXY- see: RG9605000
OCTANOLIDE-1,4 see: LU3562000

RH1405000 3-OCTANOL, 3-METHYL-
UPDT:8401 CAS: 5340-36-3 MW: 144.29 MOLFM: C9-H20-O
SYN: AMYLETHYLMETHYLCARBINOL * APROL 161 * 3-METHYLOCTAN-3-OL * 3-METHYL-3-OCTANOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),759,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3400 mg/kg FCTOD7 20(Suppl),759,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RH1410000 2-OCTANOL, 2-METHYL-6-METHYLENE-, ACETATE (ester)
UPDT:8412 MW: 198.34 MOLFM: C12-H22-O2
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 21,847,83
eye-rbt 10% MLD FCTOD7 21,847,83
TOXICITY DATA AND REFERENCES:
* skn-rbt LD50:2800 mg/kg FCTOD7 21,847,83

OCTANOL, MIXED ISOMER see: RH6560000

RH1484000 2-OCTANONE
UPDT:8305 CAS: 111-13-7 MW: 128.24 MOLFM: C8-H16-O
SYN: METHYL HEXYL KETONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 12,261,75
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:1600 mg/kg JMCMAR 19,1257,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RH1485000 3-OCTANONE
UPDT:8312 CAS: 106-68-3 MW: 128.24 MOLFM: C8-H16-O
SYN: AMYL ETHYL KETONE * EAK * ETHYL AMYL KETONE * ETHYL AMYL KETONE (DOT) * UN 2271 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,715,74
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:406 mg/kg SCCUR* -,5,61
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RH1490000 4-OCTANONE, 7-DIMETHYLAMINO-5,5-DIPHENYL-, HYDROBROMIDE
UPDT:8312 MW: 404.44 MOLFM: C22-H29-N-O Br-H
SYN: 7-DIMETHYLAMINO-5,5-DIPHENYL-4-OCTANONE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
2F29J25 ivn-mus LD50:25 mg/kg JCSOA9 -,648,49

RH1495000 4-OCTANONE, 5,5-DIPHENYL-6-PIPERIDINO-, NITRATE
UPDT:8408 MW: 426.61 MOLFM: C25-H33-N-O H-N-O3
SYN: 5,5-DIPHENYL-6-PIPERIDINO-4-OCTANONE NITRATE * 7-PIPERIDINO-5,5-DIPHENYLOCTAN-4-ONE NITRATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:30 mg/kg JCSOA9 -,2158,50

RH1496000 4-OCTANONE, 5,5-DIPHENYL-8-PIPERIDINO-, SULFATE
UPDT:8408 MW: 461.67 MOLFM: C25-H33-N-O H2-O4-S
SYN: 5,5-DIPHENYL-8-PIPERIDINO-4-OCTANONE SULFATE * 8-PIPERIDINO-5,5-DIPHENYLOCTAN-4-ONE SULFATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:40 mg/kg JCSOA9 -,2158,50

RH1510000 2-OCTANONE, 8-FLUORO-
UPDT:8403 CAS: 592-92-7 MW: 146.23 MOLFM: C8-H15-F-O
SYN: 8-FLUORO-2-OCTANONE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:3 mg/kg JACSAT 79,1959,57

RH1550000 p-OCTANOPHENETIDIDE, beta-DIETHYLAMINO-
UPDT:8306 MW: 334.56 MOLFM: C20-H34-N2-O2
SYN: beta-DIETHYLAMINO-p-OCTANOPHENETIDIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:30 mg/kg AIPTAK 112,36,57

RH1551000 p-OCTANOPHENETIDIDE, beta-MORPHOLINO-
UPDT:8306 MW: 348.54 MOLFM: C20-H32-N2-O3
SYN: beta-MORPHOLINO-p-OCTANOPHENETIDIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:85 mg/kg AIPTAK 112,36,57

RH1552000 p-OCTANOPHENETIDIDE, beta-PIPERIDINO-
UPDT:8306 MW: 346.57 MOLFM: C21-H34-N2-O2
SYN: beta-PIPERIDINO-p-OCTANOPHENETIDIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:37 mg/kg AIPTAK 112,36,57

S-OCTANOYL-2-MERCAPTOETHYLAMINE HYDROCHLORIDE see: RH0787400
OCTANOYL PRIMAQUINE see: RG7958000
2-OCTANOYL-1,2,3,4-TETRAHYDROISOQUINOLINE see: NX5110000
OCTAN PROPYLU (Polish) see: AJ3675000
OCTAN WINYLU (Polish) see: AK0875000
n-OCTANYL ACETATE see: AJ1400000

RH1686000 2,5,8,22,25,28,34,35-OCTAOXA-15-THIA-30,31-DIAZATETRACYCLO(27.2.2.1(sup 10,13).1(sup 17,20)) PENTATRIACONTA-10,12,17,19,29,31,32-HEPTAENE-9,21-DIONE
UPDT:8303 CAS: 73823-27-5 MW: 534.58 MOLFM: C24-H26-N2-O10-S
MUTATION DATA AND REFERENCES:
mmo-esc 25 mmol/plate BZARAZ 32,1146,79

RH1686200 10,13,16,19,22,25,30,31-OCTAOXA-3-THIATRICYCLO(25.2.1.1(sup 5,8))HENTRIACONTA- 5,7,24,26-TETRAENE-9,26-DIONE
UPDT:8303 CAS: 71349-37-6 MW: 484.56 MOLFM: C22-H28-O10-S
MUTATION DATA AND REFERENCES:
mmo-esc 25 mmol/plate BZARAZ 32,1146,79
mmo-omi 100 mmol/plate BZARAZ 32,1146,79

OCTATENSIN see: MF2975000
OCTATENZINE see: MF2975000

RH2000000 OCTATRIENE, DIMETHYL-
UPDT:8305 CAS: 29714-87-2 MW: 136.26 MOLFM: C10-H16
SYN: DIMETHYLOCTATRIENE (mixed isomer) * OCIMENE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,829,78

RH2100000 2,4,6-OCTATRIYNAMIDE, 8-HYDROXY-
UPDT:8405 CAS: 544-44-5 MW: 147.14 MOLFM: C8-H5-N-O2
SYN: AGROCYBIN * 8-HYDROXY-2,4,6-OCTATRIYNAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:6 mg/kg 85GDA2 6,365,81

OCTATROPINE METHYLBROMIDE see: YM3710000

RH2190000 OCTENE (mixed isomers)
UPDT:8402 CAS: 25377-83-7 MW: 112.24 MOLFM: C8-H16
SYN: CAPRYLENE
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RH2242000 2-OCTENE, 8-ETHOXY-2,6-DIMETHYL-
UPDT:8401 CAS: 69929-16-4 MW: 184.36 MOLFM: C12-H24-O
SYN: CITRONELLYL ETHYL ETHER * 8-ETHOXY-2,6-DIMETHYLOCTENE-2
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),655,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RH2250000 6-OCTENENITRILE, 3,7-DIMETHYL-
UPDT:8305
SYN: CITRONELLYL NITRILE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 17,525,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5300 mg/kg FCTXAV 17,525,79

RH3230000 6-OCTENOIC ACID, 3,7-DIMETHYL-
UPDT:8401 CAS: 502-47-6 MW: 170.28 MOLFM: C10-H18-O2
SYN: CITRONELLIC ACID * 3,7-DIMETHYL-6-OCTENOIC ACID
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),653,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2610 mg/kg FCTOD7 20(Suppl),653,82
* skn-rbt LD50:450 mg/kg FCTOD7 20(Suppl),653,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RH3240000 2-OCTENOIC ACID, 3,7-DIMETHYL-7-PHENYL-
UPDT:8303 MW: 246.38 MOLFM: C16-H22-O2
SYN: 3,7-DIMETHYL-7-PHENYL-2-OCTENOIC ACID
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:370 mg/kg FRPSAX 16,23,61

RH3300000 1-OCTEN-3-OL
UPDT:8305 CAS: 3391-86-4 MW: 128.24 MOLFM: C8-H16-O
SYN: AMYLVINYLCARBINOL * MATSUTAKE ALCOHOL (Japanese)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:340 mg/kg FCTXAV 14,681,76
* skn-rbt LD50:3300 mg/kg FCTXAV 14,681,76
* ivn-mus LD50:56 mg/kg CSLNX* NX#02545
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RH3320000 1-OCTEN-3-OL, ACETATE
UPDT:8401 CAS: 2442-10-6 MW: 170.28 MOLFM: C10-H18-O2
SYN: AMYL VINYL CARBINOL ACETATE * AMYL VINYL CARBINYL ACETATE * 1-PENTYLALLYL ACETATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:850 mg/kg FCTOD7 20(Suppl),641,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RH3400000 6-OCTEN-1-OL, 3,7-DIMETHYL-
UPDT:8402 CAS: 106-22-9 MW: 156.30 MOLFM: C10-H20-O
SYN: CEPHROL * CITRONELLOL * 2,6-DIMETHYL-2-OCTEN-8-OL * 3,7-DIMETHYL-6-OCTEN-1-OL * RHODINOL * RODINOL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3450 mg/kg FCTXAV 13,757,75
ivn-mus LDLo:100 mg/kg CBCCT* 5,139,53
ims-mus LD50:4000 mg/kg JSICAZ 21,342,62
* skn-rbt LD50:2650 mg/kg FCTXAV 13,757,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RH3420000 7-OCTEN-2-OL, 2,6-DIMETHYL-
UPDT:8305 CAS: 18479-58-8 MW: 156.30 MOLFM: C10-H20-O
SYN: DIHYDROMYRCENOL * 2,6-DIMETHYL-7-OCTEN-2-OL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 12,525,74
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3600 mg/kg FCTXAV 12,525,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2-OCTEN-8-OL, 2,6-DIMETHYL-, ACETATE see: RH3422500

RH3422500 6-OCTEN-1-OL, 3,7-DIMETHYL-, ACETATE
UPDT:8305 CAS: 150-84-5 MW: 198.34 MOLFM: C12-H22-O2

SYN: ACETIC ACID, CITRONELLYL ESTER * ACETIC ACID, 3,7-DIMETHYL-6-OCTEN-1-YL ESTER * CITRONELLYL ACETATE * 3,7-DIMETHYL-6-OCTEN-1-YL ACETATE * 2-OCTEN-8-OL, 2,6-DIMETHYL-, ACETATE

IRRITATION DATA AND REFERENCES:
skn-hmn 20 mg/48H MLD FCTXAV 11,1069,73
skn-rbt 500 mg/24H FCTXAV 11,1069,73

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6800 mg/kg FCTXAV 11,1069,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RH3423000 6-OCTEN-4-OL, 2,7-DIMETHYL-, ACETATE
UPDT:8305 CAS: 102-58-9 MW: 198.34 MOLFM: C12-H22-O2
SYN: DIMETHYL OCTENYL ACETATE * 2,7-DIMETHYL-6-OCTEN-4-YL ACETATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,719,78

RH3425000 7-OCTEN-1-OL, 3,7-DIMETHYL-, ACETATE
UPDT:8305 CAS: 141-11-7 MW: 198.34 MOLFM: C12-H22-O2
SYN: alpha-CITRONELLYL ACETATE * RHODINYL ACETATE * RHODINOL ACETATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 12,975,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RH3430000 6-OCTEN-1-OL, 3,7-DIMETHYL-, BUTYRATE
UPDT:8305 CAS: 141-16-2 MW: 226.40 MOLFM: C14-H26-O2
SYN: BUTYRIC ACID, 3,7-DIMETHYL-6-OCTENYL ESTER * 2,6-DIMETHYL-2-OCTEN-8-OL, BUTYRATE * 2,6-DIMETHYL-2-OCTEN-8-YL BUTYRATE * RHODINYL BUTYRATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,849,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RH3440000 6-OCTEN-1-OL, 3,7-DIMETHYL-, CROTONATE
UPDT:8305 CAS: 68039-38-3 MW: 224.38 MOLFM: C14-H24-O2
SYN: 2-BUTENOIC ACID, 3,7-DIMETHYL-6-OCTENYL ESTER * CITRONELLYL 2-BUTENOATE * CITRONELLYL alpha-CROTONATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,725,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RH3480000 6-OCTEN-1-OL, 3,7-DIMETHYL-, FORMATE
UPDT:8305 CAS: 105-85-1 MW: 184.31 MOLFM: C11-H20-O2
SYN: CITRONELLYL FORMATE * 2,6-DIMETHYL-2-OCTEN-8-YL FORMATE * 3,7-DIMETHYL-6-OCTEN-1-YL FORMATE * FORMIC ACID, CITRONELLYL ESTER * FORMIC ACID, 3,7-DIMETHYL-6-OCTEN-1-YL ESTER

IRRITATION DATA AND REFERENCES:
skn-hmn 20 mg/48H MLD FCTXAV 11,1073,73
skn-rbt 500 mg/24H FCTXAV 11,1073,73

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8400 mg/kg FCTXAV 11,1073,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RH3490000 7-OCTEN-1-OL, 3,7-DIMETHYL-, PROPIONATE
UPDT:8305 CAS: 105-89-5 MW: 212.37 MOLFM: C13-H24-O2
SYN: RHODINYL PROPIONATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,901,79

RH3560000 1-OCTEN-3-OL, 3-METHYL-
UPDT:8401 CAS: 24089-00-7 MW: 142.27 MOLFM: C9-H18-O
SYN: APROL 160 * 3-METHYL-1-OCTEN-OL

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTOD7 20(Suppl),761,82

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1800 mg/kg FCTOD7 20(Suppl),761,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RH3580000 7-OCTEN-2-OL, 2-METHYL-6-METHYLENE-
UPDT:8310 CAS: 543-39-5 MW: 154.28 MOLFM: C10-H18-O
SYN: 3-METHYLENE-7-METHYL-1-OCTEN-7-OL * MYRCENOL

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,617,76

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5300 mg/kg FCTXAV 14,617,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RH3585000 7-OCTEN-2-OL, 2-METHYL-6-METHYLENE-, ACETATE
UPDT:8310 CAS: 1118-39-4 MW: 196.32 MOLFM: C12-H20-O2
SYN: ACETIC ACID, 2-METHYL-6-METHYLENE-7-OCTEN-2-YL ESTER * ACETIC ACID, MYRCENYL ESTER * 3-METHYLENE-7-METHYL-1-OCTEN-7-YL ACETATE * MYRCENYL ACETATE * 2-METHYL-6-METHYLENE-7-OCTEN-2-YL ACETATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,619,76

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6300 mg/kg FCTXAV 14,619,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OCTIC ACID see: RH0175000
OCTILIN see: RH6550000
OCTIN BITARTRATE see: MP9800000
OCTOCLOTHEPIN see: TL1570000
OCTOCLOTHEPINE see: TL1570000
OCTOFEN see: VC8260000
OCTOGEN see: XF7450000
n-OCTOIC ACID see: RH0175000
OCTOIL see: TI0350000
OCTOIL S see: VS1000000

RH5800000 OCTOLITE, dry or containing less than 15% water (DOT)
UPDT:8312
SYN: UN 0266 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83

OCTOPAMINE see: DN7350000
DL-m-OCTOPAMINE see: DN7250010
m-OCTOPAMINE see: DN7250000
DL-m-OCTOPAMINE HYDROCHLORIDE see: DN7360000

RH5125000 D-erythro-D-galacto-OCTOPYRANOSIDE, 2-HYDROXYETHYL-6,8-DIDEOXY-7-O-METHYL-6-(1-METHYL-L- 2-PYRROLIDINECARBOXAMIDO)-1-THIO-, MONOSALICYLATE (ester), alpha-
UPDT:8307 CAS: 2520-21-0 MW: 528.68 MOLFM: C24-H36-N2-O9-S
SYN: CELESTICETIN * U-5524

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:300 mg/kg CNCRA6 30,9,63

RH6250000 D-erythro-D-galacto-OCTOPYRANOSIDE, METHYL 7-CHLORO-6,7,8-TRIDEOXY-6-(1-METHYL-4-PROPYL-L-2- PYRROLIDINECARBOXAMIDO)-1-THIO-, MONOHYDROCHLORIDE, trans-alpha-
UPDT:8402 CAS: 17431-55-9 MW: 461.50 MOLFM: C18-H33-Cl-N2-O5-S Cl-H
SYN: 7-DEOXY-7(S)-CHLOROLINCOMYCIN HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:262 mg/kg AACHAX -,727,66
* ivn-mus LD50:143 mg/kg AACHAX -,727,66

RH6315500 D-ERYTHRO-D-GALACTO-OCTOPYRANOSIDE, METHYL 6,8-DIDEOXY-6-(1-METHYL-4-PROPYL- 2 PYRROLIDINECARBOXAMIDO)-1-THIO-, MONOHYDROCHLORIDE, HEMIHYDRATE
UPDT:8403 CAS: 859-18-7 MW: 452.00 MOLFM: C18-H34-N2-O6-S .Cl-H .1/2H2-O
SYN: LINCOCIN HYDROCHLORIDE HYDRATE * FRADEMICINA * LINCOCIN * LINCOMYCIN, HYDROCHLORIDE, HEMIHYDRATE * LINCOMYCIN, HYDROCHLORIDE HYDRATE * LINCOMYCIN HYDROCHLORIDE MONOHYDRATE * MYCIVIN * WAYNECOMYCIN

TOXICITY DATA AND REFERENCES:
* scu-rat LD50:9778 mg/kg 29ZVAB -,65,69
* ivn-rat LD50:342 mg/kg NIIRDN 6,891,82
ipr-mus LD50:1000 mg/kg UPJOH* 2(6),-,71
* ivn-mus LD50:214 mg/kg NIIRDN 6,891,82

OCTOWY ALDEHYD (Polish) see: AB1925000
OCTOWY BEZWODNIK (Polish) see: AK1925000
OCTOWY KWAS (Polish) see: AF1225000
OCTOXINOL see: MD0907700
OCTOXYNOL see: MD0907700
OCTOXYNOL 3 see: MD0907700
OCTOXYNOL 9 see: MD0907700
OCTYL ACETATE see: AJ1400000
OCTYL ACETATE see: AH5600000
n-OCTYL ACETATE see: AJ1400000
1-OCTYL ACETATE see: AJ1400000
OCTYL ACRYLATE see: AT0855000
OCTYL ADIPATE see: AU9700000

RH6550000 OCTYL ALCOHOL
UPDT:8407 CAS: 111-87-5 MW: 130.26 MOLFM: C8-H18-O
SYN: ALCOHOL C-8 * ALFOL 8 * CAPRYLIC ALCOHOL * DYTOL M-83 * EPAL 8 * HEPTYL CARBINOL * 1-HYDROXYOCTANE * LOROL 20 * OCTANOL * n-OCTANOL * 1-OCTANOL * OCTILIN * OCTYL ALCOHOL, NORMAL-PRIMARY * n-OCTYL ALCOHOL * PRIMARY OCTYL ALCOHOL * SIPOL L8

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 11,1079,73

MUTATION DATA AND REFERENCES:
cyt-smc 2 mmol/tube HEREAY 33,457,47

TOXICITY DATA AND REFERENCES:
orl-mus LD50:1790 mg/kg HYSAAV 31,310,66
* ivn-mus LD50:69 mg/kg AIPTAK 135,330,62

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RH6560000 OCTYL ALCOHOL (mixed isomer)
UPDT:8310 MW: 130.26 MOLFM: C8-H18-O
SYN: ALFOL-10 * ANTAK * FAIR 85 * OCTANOL, MIXED ISOMER * ROYALTAC * SPROUT-OFF * SUCKER PLUCKER * TOBACCO SUCKER CONTROL AGENT 148 * TOBACCO SUCKER CONTROL AGENT 504

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 1/11/68

TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:2400 mg/kg/8W-I CNREA8 33,3069,73

TOXICITY DATA AND REFERENCES:
orl-rat LD50:18000 mg/kg 85ARAE 3,84,76
skn-rbt LD50:5660 mg/kg UCDS** 1/11/68
* unk-mam LD50:18000 mg/kg FMCHA2 -,C102,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

n-OCTYL ALCOHOL see: RH6550000

RH6620000 sec-OCTYL ALCOHOL
UPDT:8408 CAS: 25339-16-6 MW: 130.26 MOLFM: C8-H18-O
SYN: sec-OCTANOL (9CI) * SECONDARY OCTYL ALCOHOL

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:12400 mg/kg 85GMAT -,95,82
* ivn-mus LD50:66 mg/kg AIPTAK 135,330,62

tert-OCTYL ALCOHOL see: MO9220000 1-HEXANOL, 2,2-DIMETHYL-
OCTYL ALCOHOL ACETATE see: AJ1400000
OCTYL ALCOHOL, NORMAL-PRIMARY see: RH6550000
n-OCTYL ALDEHYDE see: RG7780000

RH6880000 OCTYLAMINE, ACETATE
UPDT:8303 CAS: 2016-40-2 MW: 189.34 MOLFM: C8-H19-N .C2-H4-O2
SYN: OCTANAMINE ACETATE * 1-OCTYLAMINE ACETATE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:340 mg/kg CHTPBA 1(1),11,65

1-OCTYLAMINE ACETATE see: RH6880000

RH6989000 OCTYLAMINE, N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8303 MW: 193.80 MOLFM: C10-H23-N .Cl-H
SYN: DIMETHYLOCTYLAMINE CHLORHYDRATE (French) * N,N-DIMETHYLOCTYLAMINE HYDROCHLORIDE * N,N-DIMETHYL-1-OCTYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:280 mg/kg CHTPBA 1(1),11,65

RH7000000 OCTYLAMINE, 4-ETHYL-1-METHYL-
UPDT:8407 CAS: 10024-78-9 MW: 171.37 MOLFM: C11-H25-N
SYN: 4-ETHYL-1-METHYLOCTYLAMINE * 1-METHYL-4-ETHYLOCTYLAMINE

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open AMIHBC 10,61,54
eye-rbt 50 ug open SEV AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:730 mg/kg AMIHBC 10,61,54
* skn-rbt LD50:380 mg/kg AMIHBC 10,61,54

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

N-n-OCTYLATROPINE BROMIDE see: CK2820000
N-n-OCTYL-ATROPINIUMBROMID (German) see: CK2820000
N-OCTYLATROPINIUM BROMIDE see: CK2820000
N-n-OCTYLATROPINIUM BROMIDE see: CK2820000 ATROPINIUM, N-OCTYL-, BROMIDE
8-OCTYLATROPINIUM BROMIDE see: CK2820000
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE see: RB8575000
N-OCTYLBICYCLO-(2.2.1)-5-HEPTENE-2,3-DICARBOXIMIDE see: RB8575000
n-OCTYL BROMIDE see: RG8575000
gamma-n-OCTYL-gamma-n-BUTYROLACTONE see: LU3600000
OCTYLCARBAMIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: FC9440000
OCTYL CARBINOL see: RB1575000
OCTYL DECYL PHTHALATE see: TI0550000
n-OCTYL n-DECYL PHTHALATE see: TI0550000
OCTYLENE EPOXIDE see: RG9625000
OCTYLENE GLYCOL see: MO2625000
OCTYL EPOXYTALLATE see: LH8024000
OCTYL FORMATE see: LQ9290000
n-OCTYL FORMATE see: LQ9290000

N-OCTYLGLUTARAMIDE see: MA5310000
N-n-OCTYLGLUTARAMIDE see: MA5310000
N-(n-OCTYL)GLUTARIMIDE see: MA5310000
n-OCTYL o-HYDROXYBENZOATE see: VO5400000
OCTYL p-HYDROXYBENZOATE see: DH2529050
OCTYL 4-HYDROXYBENZOATE see: DH2529050
n-OCTYLIC ACID see: RH0175000
OCTYL IODIDE see: RG9700100 OCTANE, 1-IODO-
n-OCTYL IODIDE see: RG9700100 OCTANE, 1-IODO-
1-OCTYL IODIDE see: RG9700100 OCTANE, 1-IODO-
1-n-OCTYL IODIDE see: RG9700100 OCTANE, 1-IODO-
n-OCTYLISOSAFROLE SULFOXIDE see: DA5775000
2-OCTYL-4-ISOTHIAZOLIN-3-ONE see: NX8156900
n-OCTYL NITROSUREA see: YT9718000
OCTYL-OCTADECYL DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDES see: BO3325000
cis-3-OCTYL-OXIRANEOCTANOIC ACID see: RG1300000
4-(OCTYLOXY)BENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DD4090000
o-(OCTYLOXY)CARBANILIC ACID 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER HYDROCHLORIDE see: FD9774200 CARBANILIC ACID, o-(OCTYLOXY)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER,HYDROCHLORIDE
o-(OCTYLOXY)CARBANILIC ACID 3-PIPERIDINOPROPYL ESTER HYDROCHLORIDE see: FD9774400CARBANILIC ACID, o-(OCTYLOXY)-, 3-PIPERIDINOPROPYL ESTER, HYDROCHLORIDE
o-(OCTYLOXY)CARBANILIC ACID 3-(1-PYRROLIDINYL)PROPYL ESTER OXALATE (1:1) see: FD9774600CARBANILIC ACID, o-(OCTYLOXY)-, 3-(1-PYRROLIDINYL)PROPYL ESTER, OXALATE (1:1)
1-(2-(p-(OCTYLOXY)PHENOXY)ETHYL)PIPERIDINE HYDROCHLORIDE see: TN2148000
4-(2-(p-(OCTYLOXY)PHENOXY)ETHYL)MORPHOLINE HYDROCHLORIDE see: QE8202000
4'-(OCTYLOXY)-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE see: UH4390000
4-OCTYLOXY-beta-(1-PIPERIDYL)PROPIOPHENONE HYDROCHLORIDE see: UH4390000
OCTYL PALMITATE see: RT4740000
p-tert-OCTYLPHENOL see: SM9625000
OCTYL PHENOL EO (16) see: RI0710000

RI0175000 OCTYL PHENOL condensed with 3 MOLES ETHYLENE OXIDE
UPDT:8401 CAS: 9036-19-5 MOLFM: (C2-H4-O)n C14-H22-O
SYN: OPE-3
IRRITATION DATA AND REFERENCES:
eye-rbt 15 mg MLD PSTGAW 20,16,53
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4000 mg/kg PSTGAW 20,16,53
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RI0525000 OCTYL PHENOL condensed with 8-10 MOLES ETHYLENE OXIDE
UPDT:8401 CAS: 9036-19-5 MOLFM: (C2-H4-O)n C14-H22-O
SYN: TRITON X100
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1800 mg/kg PSTGAW 20,16,53
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
OCTYL PHENOL condensed with 12-13 MOLES ETHYLENE OXIDE see: MD09077000

RI0710000 OCTYL PHENOL condensed with 16 MOLES ETHYLENE OXIDE
UPDT:8401 CAS: 9036-19-5 MOLFM: (C2-H4-O)n C14-H22-O
SYN: OCTYL PHENOL EO (16)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2800 mg/kg TXAPA9 5,782,63
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
p-tert-OCTYLPHENOXYETHOXYETHYLDIMETHYLBENZYLAMMONIUM CHLORIDE see: BO7175000
OCTYLPHENOXYPOLY(ETHOXYETHANOL) see: MD0907600
tert-OCTYLPHENOXYPOLY(ETHOXYETHANOL) see: MD0907600
p-tert-OCTYLPHENOXYPOLYETHOXYETHANOL see: MD0907700
OCTYLPHENOXYPOLY(ETHYLENEOXY)ETHANOL see: MD0907600
tert-OCTYLPHENOXY POLY(OXYETHYLENE)ETHANOL see: MD0907600
OCTYL PHTHALATE see: TI0350000
OCTYL PHTHALATE see: TI1925000
n-OCTYL PHTHALATE see: TI1925000
OCTYL SALICYLATE see: VO5400000
OCTYL SEBACATE see: VS1000000
OCTYL SODIUM SULFATE see: WT1175000
5-(2-(OCTYLSULFINYL)PROPYL)-1,3-BENZODIOXOLE see: DA5775000
n-OCTYLSULFOXIDE of ISOSAFROLE see: DA5775000
3-OCTYLSYDNONE see: WU7691500
2-(OCTYLTHIO)ETHANOL see: KL9700000
OCTYLTRICHLOROSILANE see: VV4700000
OCTYL TRICHLOROSILANE (DOT) see: VV4700000
OCTYLTRICHLOROSTANNANE see: WH8590000
OCTYLTRIMETHYLAMMONIUM IODIDE see: BR9802000
OCTYLTRIS(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)STANNANE see: WH8595000

RI2649000 4-OCTYN-1-AMINIUM, 6-HYDROXY-6-METHYL-N,N,N-TRIETHYL-, IODIDE
UPDT:8311 CAS: 53310-19-3 MW: 367.36 MOLFM: C15-H30-N-O I
SYN: 6-HYDROXY-6-METHYL-N,N,N-TRIETHYL 4-OCTYN-1-AMINIUM IODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:39 mg/kg EJMCA5 9,59,74
OCTYNECARBOXYLIC ACID, METHYL ESTER see: RB3450000

RI2735000 2-OCTYNOIC ACID, METHYL ESTER
UPDT:8305 CAS: 111-12-6 MW: 154.23 MOLFM: C9-H14-O2
SYN: FOLIONE * METHYL HEPTINE CARBONATE * METHYL 2-OCTINATE * METHYL 2-OCTYNOATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,375,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1530 mg/kg FCTXAV 17,375,79
* skn-rbt LD50:3300 mg/kg FCTXAV 17,375,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RI2746000 4-OCTYN-3-OL, 8-(DIETHYLAMINO)-3-METHYL-, HYDROCHLORIDE
UPDT:8311 CAS: 53310-26-2 MW: 247.85 MOLFM: C13-H25-N-O Cl-H
SYN: 8-(DIETHYLAMINO)-3-METHYL-4-OCTYN-3-OL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:1000 mg/kg EJMCA5 9,59,74

RI2748000 4-OCTYN-3-OL, 3-METHYL-8-(1-PIPERIDINYL)-, HYDROCHLORIDE
UPDT:8311 CAS: 53310-27-3 MW: 259.86 MOLFM: C14-H25-N-O Cl-H
SYN: 3-METHYL-8-(1-PIPERIDINYL) 4-OCTYN-3-OL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:900 mgkg EJMCA5 9,59,74
* ivn-mus LD50:75 mg/kg EJMCA5 9,59,74
(1S-trans)-6-((2-(1-OCTYNYL)CYCLOPENTYL)OXY)HEXANOIC ACID see: MO8418000
OCUSOL see: DO7525000
OCU-VINC see: YY8575000
ODA see: DE4550000
ODB see: CZ4500000
ODB see: KG4050000
ODCB see: CZ4500000
OE3 see: KG8225000
OE 7 see: KF5790000
OEKOLP see: WJ5600000

RI4170000 OENANTHE CROCATA L., root extract
UPDT:8311
TOXICITY DATA AND REFERENCES:
2F12F21 orl-gpg LDLo:10 mg/kg APFRAD 11,97,53
2F12F21 scu-gpg LDLo:10 mg/kg APFRAD 11,97,53

RI4180000 OENANTHE JAVANICA (Bl.) DC., extract
DEF:Indian plant belonging to the family UMBELLIFERAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 18,594,80

RI4190000 OENANTHE STOLONIFERA Wall., extract excluding roots
DEF:Indian plant belonging to the family UMBELLIFERAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1M10 ipr-rat LD50:750 mg/kg IJEBA6 16,228,78
OENANTHIC ACID see: MJ1575000
OENANTHOLACTAM see: CN4810000
OENANTHOTOXIN see: JY8750000
OENANTHYLIC ACID see: MJ1575000
OENETHYL HYDROCHLORIDE see: MQ4900000

RI4500000 OENOTHERA DRUMMONDII Hk., extract
DEF:Indian plant belonging to the family ONAGRACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78
OESTERGON see: KG2975000
OESTRADIOL see: KG2975000
OESTRADIOL-17-alpha see: KG3750000
OESTRADIOL-17-beta see: KG2975000
alpha-OESTRADIOL see: KG2975000
beta-OESTRADIOL see: KG2975000
cis-OESTRADIOL see: KG2975000
d-OESTRADIOL see: KG2975000
3,17-beta-OESTRADIOL see: KG2975000
D-3,17-beta-OESTRADIOL see: KG2975000
OESTRADIOL BENZOATE see: KG4050000
beta-OESTRADIOL BENZOATE see: KG4050000
beta-OESTRADIOL 3-BENZOATE see: KG4050000
17-beta-OESTRADIOL 3-BENZOATE see: KG4050000
OESTRADIOL 3-BENZOATE see: KG4050000
OESTRADIOL DIPROPIONATE see: KG4725000
beta-OESTRADIOL DIPROPIONATE see: KG4725000
OESTRADIOL-3,17-DIPROPIONATE see: KG4725000
3,17-beta-OESTRADIOL DIPROPIONATE see: KG4725000
17-beta-OESTRADIOL DIPROPIONATE see: KG4725000
OESTRADIOL 3-METHYL ETHER see: KG7732000
OESTRADIOL MONOBENZOATE see: KG4050000
OESTRADIOL MUSTARD see: KG7300000
OESTRADIOL PHOSPHATE POLYMER see: KG5792000
OESTRADIOL POLYESTER with PHOSPHORIC ACID see: KG5792000
OESTRADIOL R see: KG2975000
OESTRAFORM (BDH) see: KG4050000
OESTRASID see: SL0580000
17-beta-OESTRA-1,3,5(10)-TRIENE-3,17-DIOL see: KG2975000
OESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL see: KG2975000
1,3,5(10)-OESTRATRIENE-3,17-beta-DIOL 3-BENZOATE see: KG4050000
1,3,5-OESTRATRIENE-3-beta,16-alpha,17-beta-TRIOL see: KG8225000
OESTRA-1,3,5(10)-TRIENE-3,16-alpha,17-beta-TRIOL see: KG8225000
(16-alpha,17-beta)-OESTRA-1,3,5(10)-TRIENE-3,16,17-TRIOL see: KG8225000
OESTRA-1,3,5(10)-TRIEN-3-OL see: KG7731000
1,3,5-OESTRATRIEN-3-OL-17-ONE see: KG8575000
1,3,5(10)-OESTRATRIEN-3-OL-17-ONE see: KG8575000
OESTRA-1,3,5(10)-TRIEN-17-ONE see: KG7744000
OESTRATRIOL see: KG8225000
OESTRENOLON see: KG7964000
OESTRILIN see: GL1224000
OESTRIN see: KG8575000
OESTRIOL see: KG8225000
16-alpha,17-beta-OESTRIOL see: KG8225000
3,16-alpha,17-beta-OESTRIOL see: KG8225000
OESTRIOL TRIACETATE see: KG8300000
OESTRODIENE see: SL0580000
OESTRODIENOL see: SL0580000
OESTRO-FEMINAL see: GL1224000
OESTROFORM see: KG8575000
OESTROGENINE see: WJ5600000
OESTROGLANDOL see: KG2975000
OESTROGYNAEDRON see: WJ5775000
OESTROGYNAL see: KG2975000
OESTROL VETAG see: WJ5600000
OESTROMENIN see: WJ5600000
OESTROMENSIL see: WJ5600000
OESTROMENSYL see: WJ5600000
OESTROMIENIN see: WJ5600000
OESTROMON see: WJ5600000
OESTRONBENZOAT (German) see: KG8750000
OESTRONE see: KG8575000
OESTRONE-3-SULPHATE SODIUM SALT see: KG8775000
OESTROPAK MORNING see: GL1224000
OESTROPEROS see: KG8575000
OESTRORAL see: SL0580000
OESTROVIS see: SL0580000
OFDZ see: FD0808000
OFF see: XS3675000
OFFITRIL see: UQ8400000
OFF-SHOOT-O see: RH0780000

RI5934400 OFF-SHOOT T
UPDT:8309 CAS: 12676-73-2
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:25 gm/kg FMCHA2 -,C172,83
OFHC Cu see: GL5325000
OFNACK see: TF2275000
OFNAK see: TF2275000
OFNA-PERL SALT RRA see: XU5250000

OFTALENT see: AB6825000
OFTALFRINE see: DO7525000
OFTANOL see: VO4395500
OFUNACK see: TF2275000
OFURACE see: AE1300200
OG 1 see: AZ5820000
OG 30 see: HM3656000
OGEEN 515 see: RG1925000
OGEEN GRB see: RG1925000
OGEEN M see: RG1925000
OGEEN MAV see: RG1925000
OGINEX see: GO7550000
OGOSTAL see: EX8925000
OGYLINE see: RC8960080
3-OHAA see: DG2625000
O. HANNAH (AUSTRALIA) VENOM see: YX3960600
OHB see: VN6475000
OH-BBN see: EL1225000
1-alpha-OH-CC see: FZ4650000
trans-4-OH CCNU see: YS4983500
4-OH-CP see: RP5925000
1-alpha-OH-D(sub 3) see: FZ4650000
17-beta-OH-ESTRADIOL see: KG2975000
OHIO 347 see: KN6800000
7-OHM-MBA see: CW8750000
7-OHM-12-MBA see: CW8750000
17-beta-OH-OESTRADIOL see: KG2975000
OHRIC see: WN2500000
1-alpha-OH VITAMIN D3 see: FZ4650000
OIL of ABIES ALBA see: AA4350000
OIL of ACORUS CALAMUS Linn. see: AR6007500
OIL of ALPINIA GALANGA Willd. see: BC9486900
OIL OF AMERICAN WORMSEED see: FM2997000
OIL of ANGELICA SEED see: BW1980000
OIL OF ANISE see: BZ4200000
OIL of ANISEED see: BZ8925000
OIL OF ARBOR VITAE see: FJ1520000

RI6492000 OIL of ABRUS PRECATORIUS
DEF:The oil extracted from the seeds of ABRUS PRECATORIUS (IJPAAO 29,235,67)
UPDT:8407
SYN: ABRUS PRECATORIUS OIL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:750 mg/kg (1D preg) IJPAAO 29,235,67
1T22 scu-rat TDLo:33750 mg/kg (15D pre) IJPAAO 29,235,67
1T22 orl-mus TDLo:2500 mg/kg (20D pre) IJPAAO 29,235,67
1T22 orl-mus TDLo:1250 mg/kg (10D pre/1-10D preg) IJPAAO 29,235,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OIL of ARGEMONE mixed with OIL of MUSTARD see: RI7450000
OIL OF BASIL see: CR3325000
OIL OF BERGAMOT, RECTIFIED see: DS0500000
OIL, BITTER ALMOND see: RI6649000

RI6649000 OIL OF BITTER ALMOND
UPDT:8305 CAS: 8013-76-1
SYN: ALMOND OIL BITTER * BITTER ALMOND OIL * OIL, BITTER ALMOND
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,705,79
TOXICITY DATA AND REFERENCES:
* orl-hmn LDLo:107 mg/kg FCTXAV 17,705,79
* orl-rat LD50:960 mg/kg FCTXAV 17,705,79
* skn-rbt LD50:1220 mg/kg FCTXAV 17,705,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OIL, BITTER ALMOND FFPA see: RI6660000

RI6660000 OIL OF BITTER ALMOND FFPA
DEF:Found in the kernels of the bitter almond PRUNUS AMYGDALUS BATSCH var. AMARA FOCKE(FCTXAV 17,695,79)
UPDT:8305
SYN: ALMOND OIL BITTER FFPA * BITTER ALMOND OIL FFPA * OIL, BITTER ALMOND FFPA
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1490 mg/kg FCTXAV 17,707,79

RI6825000 OIL of CAJEPUT
UPDT:8305
SYN: CAJEPUT OIL
TOXICITY DATA AND REFERENCES:
2F07L30 orl-rat LD50:387 mg/kg FCTXAV 2,327,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RI7000000 OIL of CALAMUS
UPDT:8401 CAS: 8015-79-0
SYN: CALAMUS OIL * KALMUS OEL (German) * OIL of SWEET FLAG
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:10 gm/kg/59W-C PAACA3 8,24,67
2V03K60 orl-rat TD :11 gm/kg/59W-C TXAPA9 10,405,67
2V03K60 orl-rat TD :21 gm/kg/59W-C PAACA3 8,24,67
2V03K60 orl-rat TD :52 gm/kg/59W-C PAACA3 8,24,67
2V03K60 orl-rat TD :103 gm/kg/59W-C PAACA3 8,24,67
TOXICITY DATA AND REFERENCES:
2F11U01 orl-rat LD50:777 mg/kg FCTXAV 2,327,64
1F12 ipr-rat LD50:221 mg/kg FCTXAV 15,623,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OIL of CAMPHOR RECTIFIED see: EX1490000
OIL CAMPHOR SASSAFRASSY see: EX1490000
OIL OF CAMPHOR WHITE see: EX1490000
OIL OF CANANGA see: EX2750000
OIL of CARAWAY see: EY6300000
OIL of CASSIA see: FI4050000
OIL CEDAR see: FJ1520050
OIL OF CEDAR LEAF see: FJ1520000
OIL OF CEDAR WOOD see: FJ1520050
OIL OF CHENOPODIUM see: FM2997000
OIL OF CHINESE CINNAMON see: FI4050000
OIL OF CINNAMON see: FI4050000
OIL OF CINNAMON, CEYLON see: FI4050000
OIL OF CITRONELLA see: GE8750000
OIL OF CIVET see: GE9050000
OIL OF COPAIBA see: GL5000000
OIL OF CORIANDER see: GM3150000
OIL OF CUBEB see: GR7747000

RI7188600 OIL of CYPERUS SCARIOSUS (R.Br.)
DEF:The oil is a mixture of at least 21 compounds, mostly sesquiterpenes (IJEBA6 10,41,72)
UPDT:8408
SYN: CYPERUS SCARIOSUS OIL * NAGARMOTHA OIL * NAGARMUSTA OIL
MUTATION DATA AND REFERENCES:
mmo-sat 4830 ug/plate BECTA6 32,179,84
mmo-sat 483 ug/plate BECTA6 32,179,84
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1400 mg/kg IJEBA6 10,41,72
* ipr-mus LD50:240 mg/kg IJEBA6 10,41,72

OIL-DRI see: BD1450000
OIL of EUCALYPTUS see: LE2530000
OIL of FENNEL see: LJ2550000
OIL OF FUR see: AA4350000
OIL GARLIC see: BC4900000
OIL of GERANIUM see: LY4055000
OIL GERANIUM REUNION see: LY4060000

RI7199000 OIL of GRAPEFRUIT
UPDT:8401 CAS: 8016-20-4
SYN: GRAPEFRUIT OIL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 12,743,74
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:280 gm/kg/33W-I JNCIAM 24,1389,60
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OIL GREEN see: GL6475000
OIL OF HARTSHORN see: ED0780000
OIL of HEERABOL-MYRRH see: QH5500000

RI7230500 OIL, HIBAWOOD
UPDT:8305 CAS: 68917-43-1
SYN: HIBAWOOD OIL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,817,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OIL of JUNIPER BERRY see: NY9870000
OIL of LABDANUM see: OD1075000
OIL of LAUREL LEAF see: OE9500000
OIL of LAVANDIN see: OF6097500
OIL of LAVENDER see: OF6110000
OIL of LEMON see: OG8300000
OIL of LEMONGRASS, EAST INDIAN see: OG8250000
OIL of LEMONGRASS, WEST INDIAN see: OG8257000

RI7270000 OIL of LIME
UPDT:8401 CAS: 8008-26-2
SYN: LIME OIL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 12,729,74
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-mus TDLo:67 gm/kg/39W-I JNCIAM 35,771,65
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTRRDO 60,1171,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RI7280000 OIL, LITSEA CUBEBA
DEF:Found in fruits of the tree LITSEA CUBEBA (FCTOD7 20(Suppl),731,82)
UPDT:8305
SYN: LITSEA CUBEBA OIL
IRRITATION DATA AND REFERENCES:
skn-mus 100% FCTOD7 20(Suppl),731,82
skn-rbt 500 mg/24H SEV FCTOD7 20(Suppl),731,82
TOXICITY DATA AND REFERENCES:
* skn-rbt LD50:4800 mg/kg FCTOD7 20(Suppl),731,82

OIL of MACE see: RI8225000
OIL of MARJORAM, SPANISH see: OP9700000
OIL of MARJORAM, SWEET see: OP9750000
OIL MENTHA ARVENSIS see: GM4440000
OIL of MIRBANE see: DA6475000
OIL of MIRBANE (DOT) see: DA6475000
OIL MIST see: RI7400000

RI7400000 OIL MIST (MINERAL)
DEF:MIST of petroleum-base cutting oils or white mineral petroleum oil (DTLVS*)
UPDT:8404
SYN: OIL MIST
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg/m3; STEL 10 mg/m3 DTLVS* 4,314,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg/m3 (SCP-S) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 159, VOL 3 S272, VOL 4 283
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

OIL OF MOUNTAIN PINE see: TK5500000
OIL OF MUSCATEL see: GF1170000
OIL of MUSTARD, ARTIFICIAL see: NX8225000

RI7450000 OIL of MUSTARD, EXPRESSED mixed with OIL of ARGEMONE
DEF:MUSTARD OIL mixed with 0.5% ARGEMONE OIL (IJMRAQ 61,428,73)
UPDT:8406
SYN: ARGEMONE OIL mixed with MUSTARD OIL * OIL of ARGEMONE mixed with OIL of MUSTARD
TUMORIGENIC DATA AND RFFERENCES:
2V03R60 skn-mus TDLo:2564 gm/kg/92W-C IJCNAW 10,652,72
2V03V10 scu-mus TDLo:300 gm/kg/32W-I IJMRAQ 61,428,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OIL of MYRBANE see: DA6475000
OIL of MYRISTICA see: RJ3694800

RI7900000 OIL OF MYRTLE
UPDT:8411 CAS: 8008-46-6
SYN: ESSENTIAL OIL FROM MYRTLE * MYRTLE OIL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 21,869,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3800 mg/kg TXAPA9 45,264,78
3F11F17R21 orl-mus LD50:2230 mg/kg TXCYAC 12,335,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RI8000000 OIL of NARDOSTACHYS JATAMANSI
DEF:Prepared from the Indian herb NARDOSTACHYS JATAMANSI (AIPTAK 113,367,58)
UPDT:8303
SYN: ESSENTIAL OIL of N. JATAMANSI * NARDOSTACHYS JATAMANSI OIL
TOXICITY DATA AND REFERENCES:
2H02H05 ivn-dog LD50:93 mg/kg AIPTAK 113,367,58
OIL OF NIOBE see: DH3850000
OIL of NUTMEG see: RJ3694800

RI8225000 OIL of NUTMEG, expressed
UPDT:8305 CAS: 8007-12-3
SYN: MACE OIL * NCI-C56484 * NUTMEG BUTTER * OIL of MACE * OILS, MACE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,851,79
TOXICITY DATA AND REFERENCES:
1F07 orl-rat LD50:3640 mg/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
OIL ORANGE see: QL4900000

RI8600000 OIL of ORANGE
UPDT:8401 CAS: 8008-57-9
SYN: NEAT OIL of SWEET ORANGE * OIL of SWEET ORANGE * ORANGE OIL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,733,74
TUMORIGENIC DATA AND REFERENCES:
2V02K60 orl-mus TDLo:67 gm/kg/40W-I JNCIAM 35,771,65
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTRRDO 60,1171,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
OIL ORANGE 31 see: QL4900000
OIL ORANGE 2311 see: QL4900000
OIL ORANGE 2B see: QL4900000
OIL ORANGE E see: QL4900000
OIL ORANGE EP see: QL4900000
OIL ORANGE G see: QL4900000
OIL ORANGE KB see: QL5850000
OIL ORANGE N EXTRA see: QL5850000
OIL ORANGE OPEL see: QL5425000
OIL ORANGE O'PEL see: QL5425000
OIL ORANGE PEL see: QL4900000
OIL ORANGE R see: QL5850000
OIL ORANGE R see: QL4900000
OIL ORANGE 2R see: QL5850000
OIL ORANGE R-14 see: QL4900000
OIL ORANGE SS see: QL5425000
OIL ORANGE TX see: QL5425000
OIL ORANGE 7078-V see: QL4900000
OIL ORANGE X see: QL5850000
OIL ORANGE XO see: QL5425000
OIL ORANGE XO see: QL5850000
OIL ORANGE Z-7078 see: QL4900000
OIL OF ORIGANUM see: RM2660000
OIL of PALMA CHRISTI see: FI4100000
OIL OF PALMAROSA see: RT4045000
OIL of PARSLEY see: RW5500000
OIL of PELARGONIUM see: LY4055000
OIL OF PIMENTA LEAF see: TK3683000
OIL of PINE see: TK5100000

RI9759000 OIL of PISUM SATIVUM Linn.
UPDT:8407
SYN: ANTI-VITAMIN E * PISUM SATIVUM OIL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 par-rat TDLo:4800 mg/kg (4D male) CMJRAY 47,313,50
2T12T13 par-rat TDLo:16 gm/kg (4D pre) CMJRAY 47,313,50
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
OIL RED see: QK4250000
OIL RED 3 see: QL5775000
OIL RED 7 see: QL5775000
OIL RED 47 see: QL5775000
OIL RED 282 see: QL5775000
OIL RED 6566 see: QK4250000
OIL RED A see: QL5775000
OIL RED APT see: QL5775000
OIL RED AS see: QK4250000
OIL RED B see: QK4250000
OIL RED 2B see: QL5775000
OIL RED 3B see: QL5775000
OIL RED 3B see: QK4250000
OIL RED 4B see: QL5775000
OIL RED BB see: QL5775000
OIL RED BS see: QJ5775000
OIL RED BS see: QL5775000
OIL RED D see: QL5775000
OIL RED ED see: QL5775000
OIL RED F see: QL5775000
OIL RED G see: QK4250000
OIL RED 3G see: QK4250000
OIL RED GO see: QL5775000
OIL RED GRO see: QL5850000
OIL RED IV see: QL5775000
OIL RED O see: QK4250000
OIL RED O see: QL5850000
OIL RED PEL see: QL5775000
OIL RED RC see: QL5775000
OIL RED RO see: QL5850000
OIL RED RR see: QL5775000
OIL RED S see: QL5775000
OIL RED TAX see: QL5775000
OIL RED XO see: QL5950000
OIL RED XO see: QL5850000
OIL RED ZD see: QL5775000
OIL of ROSE see: VL0457000
OIL of ROSE BLOSSOM see: VL0457000
OIL of ROSE BULGARIAN see: VL0460000
OIL ROSE GERANIUM see: LY4060000
OIL of ROSE GERANIUM see: LY4055000
OIL ROSE GERANIUM ALGERIAN see: LY4055000
OIL of ROSE MOROCCAN see: VL0462000

RJ3360000 OIL ROSE TURKISH
DEF:From the flowers of Rose damascena, includes citronellol and geraniol (FCTXAV 13,681,75)
UPDT:8305
SYN: ATTAR ROSE TURKISH * OTTO ROSE TURKISH * TURKISH ROSE OIL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 13,913,75
OIL OF RUE see: VM1605000
OILS, AMYRIS see: BV3325000
OIL of SANDALWOOD, EAST INDIAN see: SB3400000
OILS, ANGELICA see: BW1980000
OILS, ANGELICA see: BW1960000
OILS, ANISE see: BZ4200000
OILS, ARTEMISIA see: CI1725000

RJ3392000 OILS, BITTER ORANGE
DEF:Main constituent is d-LIMONENE (FCTXAV 12,703,74)
UPDT:8305
SYN: BITTER ORANGE OIL
IRRITATION DATA AND REFERLNCES:
skn-mus 100% MLD FCTXAV 12,735,74
skn-rbt 500 mg/24H MOD FCTXAV 12,735,74
OIL OF SASSAFRAS BRAZILIAN see: RF7515000
OILS, BASIL see: CR3325000

RJ3460000 OILS, BOLDO LEAF
UPDT:8402 CAS: 8022-81-9
SYN: BOLDO LEAF OIL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),643,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:130 mg/kg FCTOD7 20(Suppl),643,82
* ipr-mus LD50:420 mg/kg JPBEAJ 32,13,77
* skn-rbt LD50:625 mg/kg FCTOD7 20(Suppl),643,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
OIL SCARLET see: QL5775000
OIL SCARLET see: QK4250000
OIL SCARLET see: QL5850000
OIL SCARLET 48 see: QL5775000
OIL SCARLET 371 see: QL5850000
OIL SCARLET APYO see: QL5850000
OIL SCARLET AS see: QK4250000
OIL SCARLET BL see: QL5850000
OIL SCARLET G see: QK4250000
OIL SCARLET 6G see: QL5850000
OIL SCARLET L see: QL5850000
OIL SCARLET Y see: QL5850000
OIL SCARLET YS see: QL5850000
OILS, CARROT see: FI0790000

RJ3690300 OILS, CATNIP
UPDT:8401 CAS: 8023-84-5
SYN: CATNIP OIL
TOXICITY DATA AND REFERENCES:
3F05F07F19 ipr-mus LD50:1300 mg/kg LLOYA2 41,367,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
OILS, CEDAR LEAF see: FJ1520000
OILS, CEDARWOOD see: FJ1520050
OILS, CHAMOMILE,GERMAN see: FL7180000
OILS, CINNAMON see: FI4050000
OILS, CINNAMON LEAF see: GE1460000
OILS, CITRONELLA see: GE8750000
OILS, CLARY SAGE see: GF1170000
OILS, CLOVE LEAF see: GF6890000
OILS, CLOVE STEM see: GF6910000
OILS, COPAIBA see: GL5000000
OILS, CORIANDER see: GM3150000
OILS, COSTUS see: GN1775000
OILS, CROTON see: GQ6300000
OILS, CUBEB see: GR7747000
OILS, CUMIN see: GS1305000
OILS, CURCUMA see: GS3777000
OIL SHALE FLY ASH see: LP4201500
OIL OF SILVER FIR see: AA4350000
OIL OF SILVER PINE see: AA4350000

RJ3694000 OILS, IMMORTELLE
UPDT:8305 CAS: 8023-95-8
SYN: EVERLASTING ABSOLUTE * HELICHRYSUM ABSOLUTE * IMMORTELLE ABSOLUTE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 17,821,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4400 mg/kg FCTXAV 17,821,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
OILS, MACE see: RI8225000

RJ3694800 OILS, NUTMEG
UPDT:8407 CAS: 8008-45-5
SYN: MYRISTICA OIL * NUTMEG OIL * OIL of MYRISTICA * OIL of NUTMEG
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,631,76
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-mus TDLo:2400 mg/kg (40D male) TOLED5 7,239,81
1T82 orl-mus TDLo:4 gm/kg (40D male) TOLED5 7,239,81
TOXICITY DATA AND REFERENCES:
1F07 orl-rat LD50:2620 mg/kg FCTXAV 14,631,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
OIL-SOL. ANILINE YELLOW see: BY8225000
OIL SOLUBLE ANILINE YELLOW see: BY8225000
OIL of SPEARMINT see: WG7360000
OIL of SPIKE LAVENDER see: WG9060000

RJ3698000 OILS, SWEET BIRCH
UPDT:8305 CAS: 68917-50-0
SYN: BLACK BIRCH OIL * SWEET BIRCH OIL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,907,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1700 mg/kg FCTXAV 17,907,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OIL of SWEET FLAG see: RI7000000
OIL of SWEET ORANGE see: RI8600000

RJ3725000 OILS, WHEAT GERM
UPDT:8405 CAS: 8006-95-9
SYN: CAV-ECOL * MERIT * MYOPONE * WHEAT GERM OIL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg MLD JEPTDQ 4(4),33,80
eye-rbt 100 mg MLD JEPTDQ 4(4),33,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OIL THUJA see: FJ1520000
OIL OF THUJA see: FJ1520000
OIL of TURMERIC see: GS3777000
OIL of TURPENTINE see: YO8400000
OIL of TURPENTINE, RECTIFIED see: YO8400000
OIL of VETIVER see: YY3180000
OIL VIOLET see: QM2850000
OIL OF VITRIOL see: WS5600000
OIL OF VITRIOL (DOT) see: WS5600000
OIL OF WHITE CEDAR see: FJ1520000
OIL YELLOW see: BX7350000
OIL YELLOW see: XU8800000
OIL YELLOW 20 see: BX7350000
OIL YELLOW 21 see: XU8800000
OIL YELLOW 2625 see: BX7350000
OIL YELLOW 2635 see: CX9871000
OIL YELLOW 2681 see: XU8800000
OIL YELLOW 7463 see: BX7350000
OIL YELLOW A see: QM4725000
OIL YELLOW A see: XU8800000
OIL YELLOW AAB see: BY8225000
OIL YELLOW AB see: BY8225000
OIL YELLOW AB PURE see: QM4725000
OIL YELLOW AN see: BY8225000
OIL YELLOW AT see: XU8800000
OIL YELLOW B see: BY8225000
OIL YELLOW BB see: BX7350000
OIL YELLOW C see: XU8800000
OIL YELLOW D see: BX7350000
OIL YELLOW DE see: CX9871000
OIL YELLOW DEA see: CX9871000
OIL YELLOW DN see: BX7350000
OIL YELLOW E190 see: CX9871000
OIL YELLOW ENC see: CX9871000
OIL YELLOW FF see: BX7350000
OIL YELLOW FN see: BX7350000
OIL YELLOW G see: BX7350000
OIL YELLOW 2G see: BY8225000
OIL YELLOW G-2 see: BX7350000
OIL YELLOW 2G see: BX7350000
OIL YELLOW GA see: CX9871000
OIL YELLOW GG see: BX7350000
OIL YELLOW GR see: BX7350000

RJ7190000 OIL YELLOW HA
UPDT:8401 CAS: 6370-43-0 MW: 226.30 MOLFM: C14-H14-N2-O
SYN: C.I. 11860 * C.I. SOLVENT YELLOW 12 * OIL YELLOW OPS * OLEAL YELLOW RE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 scu-mus TDLo:6000 mg/kg/57W-I GMJOAZ 30,364,49
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OIL YELLOW I see: XU8800000
OIL YELLOW II see: BX7350000
OIL YELLOW N see: BX7350000
OIL YELLOW NB see: CX9871000
OIL YELLOW OB see: QM4725000
OIL YELLOW OB see: QM5400000
OIL YELLOW OB PURE see: QM5400000
OIL YELLOW OPS see: RJ7190000
OIL YELLOW PEL see: BX7350000
OIL YELLOW R see: BY8225000
OIL YELLOW 2R see: XU8800000
OIL YELLOW SIS see: GE5925000
OIL YELLOW T see: XU8800000
O6K see: QL7350000
OK 7 see: MD0880000
OK 622 see: DW2275000
OKASA-MASCUL see: XA3115000
OKITEN G 23 see: TQ3325000
OKO see: TC0350000
OKODON see: RQ2975000
OK PRE-GEL see: GM5090000
OKSAZIL see: BR9808000
OKTAN (Polish) see: RG8400000
OKTANEN (Dutch) see: RG8400000
OKTATERR see: PB9800000
OKTEDRIN see: SI1750000
OKTOGEN see: XF7450000
p-terc.OKTYLFENOL (Czech) see: SM9625000
OKULTIN M see: AG1575000
OLAFLUR see: KL2895000
OLAMINE see: KJ5775000
OLAQUINDOX see: VD1582000
OLAXIN see: AR6972100

RJ8600000 OLAX SCANDENS Roxb., extract excluding roots
DEF:Indian plant belonging to the family OLACACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: MURIA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:350 mg/kg IJEBA6 7,25‸ 69

RJ8610000 OLAX WIGHTIANA Wall., extract excluding roots
DEF:Indian plant belonging to the family OLACACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:70 mg/kg IJEBA6 12,512,74

OLCADIL see: RQ5831350
OLD 01 see: AT4680000

RJ8675000 OLDENLANDIA ARTICULARIS Gamble, extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:75 mg/kg IJEBA6 12,512,74

RJ8676000 OLDENLANDIA CORYMBOSA Linn., extract
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: HEDYOTIS CORYMBOSA Lam., extract * KHET PAPRA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 7,250,69

RJ8678000 OLEA EUROPEA, leaf extract
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1300 mg/kg FRXXBL #2507477

OLEAL ORANGE R see: QL4900000
OLEAL ORANGE SS see: QL5425000
OLEAL RED BB see: QL5775000
OLEAL YELLOW 2G see: BX7350000
OLEAL YELLOW RE see: RJ7190000
OLEAMINE see: RG4130000

RJ9218000 OLEAN-29-AL, 13,28-EPOXY-3-((O-beta-D-GLUCOPYRANOSYL-(1-3)-O-(beta-D-XYLOPYRANOSYL-(1-2))-O- beta-D-GLUCOPYRANOSYL-(1-4)-O-(beta-D-GLUCOPYRANOSYL-(1-2))-alpha-L-ARABINOPYRANOSYL)OXY)- 16-HYDROXY-, (3-beta,16-alpha,20-beta)-
UPDT:8308 CAS: 23643-76-7 MW: 1223.52 MOLFM: C58-H94-O27
SYN: CYCLAMIN * CYCLAMIN (SAPONIN) * NSC-135029
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:20 mg/kg 85GDA2 8(2),256,82

OLEANDOMYCIN HYDROCHLORIDE see: RR0500000
OLEANDOMYCIN MONOHYDROCHLORIDE see: RR0500000
OLEANDOMYCIN-TETRACYCLINE mixt., PHOSPHATE SALT see: XF0400000
OLEANDOMYCIN TRIACETATE see: RJ9900000

RJ9900000 OLEANDOMYCIN, TRIACETATE (ester)
UPDT:8308 CAS: 2751-09-9 MW: 814.09 MOLFM: C41-H67-N-O15
SYN: CYCLAMYCIN * EVRAMICINA * OLEANDOMYCIN TRIACETATE * OLEANDOMYCIN TRIACETYL ESTER * TAO * TRIACETYLOLEANDOMYCIN * TROLEANDOMYCIN * WY 651
TOXICITY DATA AND REFERENCES:
3F07F11F19 ivn-rat LD50:117 mg/kg ANTCAO 8,528,58
* ivn-mus LD50:198 mg/kg NIIRDN 6,514,82

OLEANDOMYCIN TRIACETYL ESTER see: RJ9900000
OLEANDRIN see: FH4585000
OLEANDRINE see: FH4585000
OLEAN-12-EN-29-OIC ACID, 3-(3-CARBOXY-1-OXOPROPOXY)-11-OXO-, DISODIUM SALT, (3-beta,20-beta)- see: RK0250000

RK0177900 OLEAN-12-EN-28-OIC ACID, 3-((O-beta-D-GALACTOPYRANOSYL-(1-3)-O-(beta-D-GLUCOPYRANOSYL- (1-4))-beta-D-GLUCOPYRANOSYL)OXY)-, (3-beta)-
UPDT:8407 CAS: 53043-29-1 MW: 943.26 MOLFM: C48-H78-O18
SYN: LEMMATOXIN * OLEANOGLYCOTOXIN B
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 iut-rat TDLo:2500 ug/kg (4D preg) CCPTAY 14,39,76
1T25 iut-rat TDLo:500 ug/kg (6D preg) CCPTAY 14,39,76
1T22 iut-rat TDLo:250 ug/kg (1D preg) CCPTAY 14,39,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RK0177950 OLEAN-12-EN-28-OIC ACID, 3-((O-beta-D-GLUCOPYRANOSYL-(1-2)-O-(beta-D-GLUCOPYRANOSYL-(1-4))- beta-D-GLUCOPYRANOSYL)OXY)-, (3-beta)-
UPDT:8407 CAS: 50657-29-9 MW: 943.26 MOLFM: C48-H78-O18
SYN: OLEANOGLYCOTOXIN A
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 iut-rat TDLo:500 ug/kg (4D preg) CCPTAY 14,39,76
1T25 iut-rat TDLo:500 ug/kg (6D preg) CCPTAY 14,39,76
1T22 iut-rat TDLo:2500 ug/kg (1D preg) CCPTAY 14,39,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RK0250000 OLEAN-12-EN-30-OIC ACID, 3-beta-HYDROXY-11-OXO-, HYDROGEN SUCCINATE, DISODIUM SALT
UPDT:8412 CAS: 7421-40-1 MW: 614.80 MOLFM: C34-H48-O7 .2Na
SYN: BIOGASTRONE * CARBENOXALONE, DISODIUM SALT * CARBENOXOLONE, DISODIUM SALT * CARBENOXOLONE SODIUM * 3-O-(beta-CARBOXYPROPIONYL)-11-OXO-18-beta-OLEAN-12-EN-30-OIC ACID, DISODIUM SALT * DUOGASTRONE * GLYCYRRHETINIC ACID HYDROGEN SUCCINATE, DISODIUM SALT * 18-beta-GLYCYRRHETINIC ACID HYDROGEN SUCCINATE, DISODIUM SALT * 3-beta-HYDROXY-11-OXOOLEAN-12-EN-30-OIC ACID HYDROGEN SUCCINATE, DISODIUM SALT * OLEAN-12-EN-29-OIC ACID, 3-(3-CARBOXY-1-OXOPROPOXY)-11-OXO-, DISODIUM SALT, (3-beta,20-beta)- * SANODIN * SODIUM 3-beta-HYDROXY-11-OXO-12-OLEANEN-30-OATE SODIUM SUCCINATE
TOXICITY DATA AND REFERENCES:
2H01U10 orl-hmn TDLo:120 mg/kg/6W CMAJAX 117,1155,77
* orl-rat LD50:2450 mg/kg NIIRDN 6,188,82
* ipr-rat LD50:112 mg/kg IYKEDH 10,710,79
* scu-rat LD50:1515 mg/kg IYKEDH 10,710,79
* ipr-mus LD50:120 mg/kg 21NDAB -,6,68
* ivn-mus LD50:198 mg/kg 21NDAB -,6,68
* orl-dog LD50:3900 mg/kg IYKEDH 10,710,79
* ipr-dog LD50:371 mg/kg IYKEDH 10,710,79
* scu-dog LD50:1123 mg/kg IYKEDH 10,710,79
* orl-rbt LD50:2 gm/kg 21NDAB -,6,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OLEANOGLYCOTOXIN A see: RK0177950
OLEANOGLYCOTOXIN B see: RK0177900
OLEANOSIDE E see: FM3374500

RK0264000 OLEA POLYGAMA Wight, extract excluding roots
DEF:Indian plant belonging to the family OLEACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2H30V30 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

OLEATE OF MERCURY see: OW8600000
OLEFIANT GAS see: KU5340000
OLEFICIN see: UX9641800
OLEIC ACID see: RG2275000
OLEIC ACID, BUTYL ESTER see: RG3711000
OLEIC ACID DIETHANOLAMINE (1:1) see: RK0880000

RK0700000 OLEIC ACID, 2,3-EPOXYPROPYL ESTER
UPDT:8401 CAS: 5431-33-4 MW: 338.59 MOLFM: C21-H38-O3
SYN: 2,3-EPOXY-1-PROPANOL OLEATE * 2,3-EPOXYPROPYL ESTER of OLEIC ACID * 2,3-EPOXYPROPYL OLEATE * GLYCIDOL OLEATE * GLYCIDYL OLEATE * GLYCIDYL OCTADECENOATE * OLEIC ACID GLYCIDYL ESTER * OXIRANYLMETHYL ESTER of 9-OCTADECENOIC ACID
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 10 mg/kg BJPCAL 6,235,51
TUMORIGENIC DATA AND REFERENCES:
3V03J60P61 scu-mus TDLo:1040 mg/kg/52W-I CNREA8 30,1037,70
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3520 mg/kg AIHAAP 24,305,63
ivn-mus LDLo:15 mg/kg ARZNAD 17,693,67
skn-rbt LD50:8000 mg/kg AIHAAP 24,305,63

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 11,183,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
OLEIC ACID GLYCIDYL ESTER see: RK0700000
OLEIC ACID, 12-HYDROXY- see: VJ3150000

RK0880000 OLEIC ACID, compd. with 2,2'-IMINODIETHANOL (1:1)
UPDT:8412 CAS: 13961-86-9 MW: 387.68 MOLFM: C18-H34-O2 C4-H11-N-O2
SYN: DIETHANOLAMINE OLEATE * DIETHANOLAMMONIUM OLEATE * NCI-C55334 * 9-OCTADECENOIC ACID (Z)-, compd. with 2,2'-IMINOBIS(ETHANOL) (1:1) * OLEIC ACID DIETHANOLAMINE (1:1)
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
OLEIC ACID LEAD SALT see: OG2200000
OLEIC ACID, LEAD(2+) SALT (2:1) see: OG2200000
OLEIC ACID mixed with LINOLEIC ACID see: OI9550000

RK0895000 OLEIC ACID, METHYL ESTER, cis-
UPDT:8305 CAS: 112-62-9 MW: 296.55 MOLFM: C19-H36-O2
SYN: EMEREST 2301 * EMEREST 2801 * EMERY 2219 * EMERY 2310 * EMERY OLEIC ACID ESTER 2301 * KEMESTER 105 * KEMESTER 115 * KEMESTER 205 * KEMESTER 213 * METHYL 9-OCTADECENOATE * METHYL cis-9-OCTADECENOATE * METHYL (Z)-9-OCTADECENOATE * METHYL OLEATE * (Z)-9-OCTADECENOIC ACID, METHYL ESTER
TUMORIGENIC DATA AND REFERENCES:
2P61R60 skn-mus TDLo:54 gm/kg/45W-I AMBPBZ 82,127,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
OLEIC ACID POLY(OXYETHYLENE) ESTER see: MD0880000
OLEIC ACID, ZINC SALT see: ZH4797000
OLEINAMINE see: RG4130000
OLEOAKARITHION see: TD5250000
OLEOCUIVRE see: GL8050000
OLEOFAC see: TD8225000
OLEOFOS 20 see: TF4550000
OLEOGESAPRIM see: XY5600000
OLEOL see: RG4120000
OLEOMYCETIN see: AB6825000
OLEO NORDOX see: GL8050000
OLEOPARAPHENE see: TF4550000
OLEOPARATHION see: TF4550000
OLEOPHOSPHOTHION see: WM8400000
OLEORESIN of GUM GUGGUL see: RK1930000 OLEORESIN of GUM GUGGUL, exudate from COMMIPHORAMUKUL

RK1930000 OLEORESIN of GUM GUGGUL, exudate from COMMIPHORA MUKUL
DEF:An oleo-gum-resin type exudate from COMMIPHORA MUKUL (IJEBA6 16,1021,78)
UPDT:8408
SYN: OLEORESIN of GUM GUGGUL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T12T13 orl-rat TDLo:1400 mg/kg (7D pre) IJEBA6 16,1021,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
OLEOSUMIFENE see: TG0350000
OLEOVITAMIN A see: VH6750000
OLEOVITAMIN D see: KE1050000
OLEOVITAMIN D3 see: VS2900000
OLEOVOFOTOX see: TG0175000
OLEOX 5 see: MD0880000
1-OLEOYLAZIRIDINE see: CM8300000
OLEOYLETHYLENEIMINE see: CM8300000
OLEOYLMETHYLTAURINE SODIUM SALT see: WX0500000
OLEPAL I see: MD0880000
OLEPAL III see: MD0880000
OLEPTAN see: DM0450000
OLETAC 100 see: UD1842000
OLETETRIN see: QI8750000
OLEUM see: WS5605000
OLEUM ABIETIS see: TK5100000
OLEUM (DOT) see: WS5605000
OLEUM SINAPIS VOLATILE see: NX8225000
OLEUM TIGLII see: GQ6300000
OLEYL ALCOHOL see: RG4120000

RK2800000 OLEYL ALCOHOL condensed with 10 MOLES ETHYLENE OXIDE
UPDT:8401 CAS: 9004-98-2 MOLFM: (C2-H4-O)n C18-H36-O
SYN: BRIJ 96 * BRIJ 96((10) OLEYL) * DECAETHOXY OLEYL ETHER * POLY(OXY-1,2-ETHANEDIYL), alpha-9-OCTADECENYL-omega-HYDROXY-, (Z)- * POLYETHYLENE GLYCOL MONOLEYL ETHER * POLYOXYL 10 OLEYL ETHER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD TXAPA9 19,276,71
eye-rbt 100 mg TXAPA9 19,276,71
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2700 mg/kg SPCOAH 38,47,65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RK2975000 OLEYL ALCOHOL condensed with 20 MOLES ETHYLENE OXIDE
UPDT:8408 CAS: 9004-98-2 MOLFM: (C2-H4-O)n C18-H36-O
SYN: AMEROX OE-20 * BRIJ 98 * BRIJ 99 * BRIJ 98((20) OLEYL) * EMERY 6802 * EMULPHOR ON-870 * ETHOXOL 20 * LIPAL 20-OA * LIPOCOL O-20 * NOVOL POE 20 * PEG-20 OLEYL ETHER * POLYETHYLENE GLYCOL 1000 OLEYL ETHER * POLY(OXY-1,2-ETHANEDIYL), alpha-9-OCTADECENYL-omega-HYDROXY-, (Z)- * POLYOXYETHYLENE (20) OLEYL ETHER * PROCOL OA-20 * SIPONIC Y-501 * STANDAMUL O20 * TRYCOL HCS * VOLPO 20
IRRITATION DATA AND REFERENCES:
eye-rbt 5 mg/48H JANCA2 56,905,73
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2770 mg/kg SPCOAH 38,47,65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
OLEYLAMIN (German) see: RG4130000
OLEYL AMINE see: RG4130000
OLEYLAMINE-HF see: RG4134000
OLEYLAMINE HYDROFLUORIDE see: RG4134000
OLEYLAMINHYDROFLUORID (German) see: RG4134000

RK3150000 OLEYLPOLYOXETHYLENE GLYCOL ETHER
UPDT:8401 CAS: 9004-98-2 MW: 1149.74 MOLFM: C58-H116-O21
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:235 mg/kg JAPMAB 42,556,53
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
OLH-beta see: OK6368500

RK3250000 OLIBANUM GUM
UPDT:8305 CAS: 8050-07-5
SYN: FRANKINCENSE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,837,78

RK3328000 OLIGOMYCIN A
UPDT:8402 CAS: 579-13-5 MW: 791.19 MOLFM: C45-H74-O11
SYN: RP-32705
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 ug/kg 85FZAT -,476,67
OLIGOMYCIN A, mixt. with OLIGOMYCIN B see: RK4385000

RK3330000 OLIGOMYCIN B
UPDT:8303 CAS: 11050-94-5 MW: 805.17 MOLFM: C45-H72-O12
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2900 ug/kg 85ERAY 2,1111,78
OLIGOMYCIN B, mixt. with OLIGOMYCIN A see: RK4385000

RK3335000 OLIGOMYCIN C
UPDT:8308 CAS: 11052-72-5 MW: 478.74 MOLFM: C28-H46-O6
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:8300 ug/kg 85ERAY 2,1111,78
OLIMPLEX see: DT7361000
OLIN 53139 see: CM6766000
OLIN MATHIESON 2,424 see: XI3875000
OLIN MO. 2174 see: XX9450000
OLIO DI CROTON (Italian) see: GQ6300000
OLITENSOL see: NJ1925000
OLITREF see: XU9275000
OLIVACIN see: UU8824900
OLIVACINE see: UU8824900

RK4300000 OLIVE OIL
UPDT:8307 CAS: 8001-25-0
IRRITATION DATA AND REFERENCES:
skn-hmn 300 mg/3D-I MLD 85DKA8 -,127,77
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1320 mg/kg KEKHB8 3,19,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
OLIVOMITSIN see: RK4385000

RK4385000 OLIVOMYCIN
UPDT:8412 CAS: 11006-70-5
SYN: ABURAMYCIN * CHROMOMYCIN * OLIGOMYCIN A, mixt. with OLIGOMYCIN B * OLIGOMYCIN B, mixt. with OLIGOMYCIN A * OLIVOMITSIN
MUTATION DATA AND REFERENCES:
dnd-esc 100 umol/L PMSBA4 2,48,71
pic-esc 60 mg/L ZAPOAK 8,139,68
dnd-bcs 100 umol/L PMSBA4 2,48,71
dni-omi 100 ug/L NNBYA7 232,143,71
dni-mam:lym 100 umol/L HXPHAU 38(Pt 2),623,75
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:20 mg/kg 85FZAT -,85,67
* ipr-mus LD50:1700 ug/kg 85FZAT -,214,67
* scu-mus LD50:3 mg/kg 85ERAY 2,1401,78
1V30 ivn-mus LD50:5 mg/kg 85ERAY 2,1322,78

RK4385090 OLIVOMYCIN D, 3(sup B)-O-(2',6-DIDEOXY-3-C-METHYL-4-O-(2-METHYL-1-OXOPROPYL)-alpha-L- arabino-HEXOPYRANOSYL)-
UPDT:8401 MW: 1197.42 MOLFM: C58-H84-O26
SYN: A-649 * ANTIBIOTIC A-649 * C-1228 * NSC 38270
MUTATION DATA AND REFERENCES:
cyt-hmn:leu 15 ug/L CNREA8 26,2437,66
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:5750 ug/kg 85GDA2 1,338,80

RK4385300 OLIVOMYCIN, SODIUM SALT
DEF:Produced by a strain of ACTINOMYCES OLIVORETICULI (85ERAY 2,1322,78)
UPDT:8310
SYN: CHROMOMYCIN SODIUM
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:1 mg/kg ANTBAL 7,53,62
ivn-rat LDLo:1 mg/kg ANTBAL 7,53,62
orl-mus LDLo:250 mg/kg ANTBAL 7,53,62
ipr-mus LD50:12700 ug/kg ANTBAL 7,53,62
scu-mus LD50:15600 ug/kg ANTBAL 7,53,62
1V30 ivn-mus LD50:138 mg/kg 85ERAY 2,1322,78
ivn-dog LDLo:300 ug/kg ANTBAL 7,53,62
ivn-rbt LDLo:2500 ug/kg ANTBAL 7,53,62
ipr-gpg LDLo:2 mg/kg ANTBAL 7,53,62
OLMAGRAN see: DK9625000
OLOSED see: SC5075000
OLOSOT see: SC4900000
OLOW (Polish) see: OF7525000
OLPISAN see: DA6650000
OLVADON see: SC4900000
OLYMPHOCIN see: BW8225000
OM 100 see: AK0920000
OM 518 see: RQ3500000
OM-1455 see: TF4100000
OM-1459 see: DV1778000
OM-1460 see: DV1780000
OM-1463 see: DV1800000
OM-704 A see: CB9651700
OM-1563 see: ZH0950000
OM 2424 see: XI3875000
OM 53139 see: CM6766000
OMACIDE 24 see: UT9800000
OMADINE see: UT8999000
OMADINE ZINC see: ZH0950000
OMAHA see: OF7525000
OMAHA & GRANT see: OF7525000
OMAIN see: GH0800000
OMAINE see: GH0800000
OMAIT see: WT2900000
OMAL see: SN1575000
OMAZINE see: GL7350000
OMCA see: TL9730000
OMCHLOR see: MU0700000
OMEGA CHROME BLUE BLACK B see: QK2195000
OMEGA CHROME BLUE FB see: QK1925000
OMEGAMYCIN see: QI8750000
7-OMEN see: KD1146400
OMETHOAT see: TF8050000
OMETHOATE see: TFE050000
OM HIDANTOINA SIMPLE see: MU1050000
OM-HYDANTOINE see: MU1050000
OM-HYDANTOINE SODIUM see: MU1400000
OMIFIN see: YE0875000

OMITE see: WT2900000
OMNIBON see: WO9030000
OMNIPEN see: XH8350000
OMNIPEN-N see: XH8400000
OMNITOX see: GV4900000
OMNIZOLE see: DE0700000
OMNYL see: VA3850000
OMPA see: UX5950000
OMPACIDE see: UX5950000
OMPATOX see: UX5950000
OMPAX see: UX5950000
OMPERAN see: BZ3400000 o-ANISAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-SULFAMOYL-
OMS 2 see: TF9625000
OMS 3 see: TB5950000
OMS 14 see: TC0350000
OMS-15 see: FB7875000
OMS-29 see: FC5950000
OMS-32 see: FB7880000
OMS-33 see: FC3150000
OMS 43 see: TG0350000
OMS-47 see: FC0700000
OMS-93 see: FC5775000
OMS 115 see: TB5075000
OMS 162 see: FB7875000
OMS-174 see: FB6825000
OMS-214 see: TE7875000
OMS 217 see: TE8050000
OMS 227 see: FC3500000
OMS 570 see: RB9275000
OMS-597 see: FC8575000
OMS-658 see: TE7175000
OMS-659 see: TE7000000
OMS-708 see: FB4725000
OMS 716 see: FB8030000
OMS-771 see: UE2275000
OMS-968 see: TE1050000
OMS-0971 see: TF6300000
OMS 989 see: TB1070000
OMS 1075 see: AI7875000
OMS-1155 see: TG0700000
OMS-1206 see: GZ1310000
OMS-1211 see: TF0175000
OMS 1328 see: TB8750000
OMS 1342 see: TF1590000
OMS 1804 see: YS6200000
OMSAT see: UV8240000
OMT see: WX0500000
OMTAN see: PC1225000
ONCB see: CZ0875000
ONCO-CARBIDE see: XT4900000
ONCOSTATIN see: AU0700000
ONCOSTATIN K see: AU1575000
ONCOTEPA see: SZ2975000
ONCOVEDEX see: DK7175000
ONCOVIN see: OH6300000
ONCOVIN see: OH6340000
ONDENA see: HB7878000
ONDOGYNE see: GO7550000
ONDONID see: GO7550000
ONE IRON see: LT1950000
ONEX see: DB5250000
ONGROVIL S 165 see: KV0350000
ONGROVIL S 470 see: KV0350000
ONO 802 see: UK7894500
ONO 1045 see: MI5431100
ONO 1052 see: MI5242000
ONO 1108 see: MI5247000

RL0780000 ONOSMA ACHIOIDES Linn., extract excluding roots
DEF:Indian plant belonging to the family BORAGINACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

ONQUININ see: YN5080000
ONT see: XT3150000
ONTRACIC 800 see: XY4200000
ONTRACK see: XY4200000
ONTRACK BE see: AN3430000
ONTRACK-WE-2 see: XY4200000

RL0945000 ONYCHIUM CONTIGUUM (Wall.) Hope., extract
DEF:Indian plant belonging to the family POLYPODIACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: JAHRILA LINGURA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 11,43,73

RL0946000 ONYCHIUM JAPONICUM (Thunb.) Kunze, extract
DEF:Indian plant belonging to the family POLYPODIACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: KAKEYI EXTRACT
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:37 mg/kg IJEBA6 9,91,71

ONYX see: VV7330000
ONYX BTC (ONYX OIL & CHEM CO) see: BO3150000
ONYXIDE 172 see: BQ1000000
ONYXOL 345 see: JR1925000
OOLONG EXTRACT see: WX6482600
OOS see: WW2710000
OOSPONOL see: NQ7870000
OOSPOREIN see: DT7321000

RL1070000 OP-7
UPDT:8311 CAS: 11100-29-1
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1525 mg/kg GISAAA 47(9),33,82
* orl-mus LD50:1130 mg/kg GISAAA 47(9),33,82

RL1070030 OP-10
UPDT:8311 CAS: 9041-29-6
SYN: INHIBITOR OP-10
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1780 mg/kg GISAAA 47(9),33,82

OP 1062 see: AD0907600
OPACIN see: SM8400000
OPALON see: KV0350000
OPALON 400 see: AK0950000
OPALON 410 see: KV0350000
OPALON 440 see: KV0350000
OPALON 610 see: KV0350000
OPALON 630 see: KV0350000
OPALON 650 see: KV0350000
OPALON 660 see: KV0350000
OPALON R 7611 see: KV0350000
OPARENOL see: UR8750000
OPC see: TK4586000
OPC 1085 see: VC8282000
OPC 2009 see: VC8296000
OPCLOR see: AB6825000
OPE-3 see: RI0175000
OPE 30 see: MD0907700
OPELOR see: AB6825000

RL1390000 OPERCULINA TURPETHUM (L.) Silva Manso, root extract
DEF:Indian plant belonging to the family CONVOLVULACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: DUDH KALMI ROOT EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

OPERIDINE see: NS5950000
OPERTIL see: NL7170000
OPEX see: XA5250000
OPHIOPHAGUS HANNAH (AUSTRALIA) VENOM see: YX3960600
OPHTALMOKALIXAN see: NZ3225030
OPHTHALAMIN see: VH6750000
OPHTHALMADINE see: YU7700000
OPHTHAZIN see: TH8849900
OPHTHEL-S see: AC8450000
OPHTHOCHLOR see: AB6825000
OPHTOCHLOR see: AB6825000
OPIAN see: QN5600000
OPIAN see: RD2625000
OPIAN HYDROCHLORIDE see: NP7225000
OPIANINE see: RD2625000
OPIANINE HYDROCHLORIDE see: NP7225000
OPILON HYDROCHLORIDE see: FI1600000
OPINSUL see: WP0400000
OPIPRAMOL see: TL8750000
OP-ISOPHRIN see: DO7525000

RL2341000 OPIUM, pyrolyzate
UPDT:8308
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate CRNGDP 3,577,82
mma-sat 100 ug/plate CRNGDP 3,577,82
sce-hmn:lym 10 mg/L CRNGDP 4,227,83
sce-ham:ovr 10 mg/L CRNGDP 4,227,83

RL2345000 OPIUM, CRUDE
UPDT:8307
SYN: CRUDE OPIUM
MUTATION DATA AND REFERENCES:
mma-sat 800 ug/plate LANCAO 2,494,78

OPIUM SMOKE CONDENSATE see: VX6615600
OPLOSSINGEN (Dutch) see: LP8925000
OPOBALSAM see: CP2355000
OPOSIM see: UB7525000
OPP see: DV5775000
beta-OPPN see: UI4550000
1-OPPN see: UE4529000
2-OPPN see: UI4550000
OPP-Na see: DV7700000
OPP-SODIUM see: DV7700000
OPRAMIDOL see: TL8750000
OPREN see: DM4447000
OPROMAZIN see: SO2275000
OPSB see: TR4680000
OPSPA see: SZ2530000
OP-SULFA 30 see: AC8450000
OPTAL see: UH8225000
OPTALGIN see: PB1300000
OPTANOL RED R see: QJ6478000
OPTANOL YELLOW R see: DV3910000
OPTARKET see: TZ0175000
OPTAZOL see: RQ3675000
OPTEF see: GM8925000
OP-THAL-ZIN see: ZH5260000
OPTICOR see: XF8225000
OPTIMINE see: DE8025500
OPTIMYCIN see: QI9276000
OPTINOXAN see: VA3850000
OPTIPHYLLIN see: XH3850000
OPTIVAL see: TU4153300
OPTOCHIN HYDROCHLORIDE see: MW6300000
OPTOQUINHYDROCHLORIDE see: MW6300000

RL3750000 OPUNTIA DECUMANA Haw., extract excluding roots
DEF:Indian plant belonging to the family CACTACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

RL3760000 OPUNTIA DELLENII Haw., fruit extract
DEF:Indian plant belonging to the family CACTACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:1 gm/kg IJEBA6 15,208,77

8-OQ see: VC4200000
OR 1191 see: TC2800000
OR 1500 see: AK0920000
OR-1549 see: UV6430000
OR-1550 see: UV6380000
OR-1556 see: UV6390000
OR-1578 see: UV6420000
OR-6206 see: UV6440000
OR-6280 see: UV6385000
ORABET see: YS4550000
ORABILEX see: GD8430000
ORABILIX see: GD8430000

ORABLIX see: GD8430000
ORABOLIN see: RC8961100
ORACAINE HYDROCHLORIDE see: UB8654300
ORACEF see: XI0350000
ORACET SAPPHIRE BLUE G see: CB0540000
ORACIL-VK see: XH9275000

RL4383000 ORACON
DEF:Each tablet contains 50% EMBELIA RIBES, 30% PIPER LONGUM, 15% BORAX and 5% ASAFOETIDA(JIMAAD 37,322,61)
UPDT:8305
REPRODUCTIVE EFFECTS DATA AND REFFRENCES:
1T19 orl-rbt TDLo:1250 mg/kg (5D pre) JIMAAD 37,322,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ORACON see: BV8515250
ORACONAL see: TU4140000
ORADEXON see: TU3980000
ORADEXON PHOSPHATE see: TU4055000
ORADIAN see: YS6650000
ORADIL see: DB1556000
ORADIOL see: RC8925000
ORAFLEX see: DM4447000
ORAFURAN see: MU2800000
ORAGAL see: AB5836500
ORAGALIN see: AB5836500
ORAGALLIN see: AB5836500
ORAGALLIN PURUM see: AB5836500
ORAGEST see: TU5010000
ORAGESTON see: KG7960000
ORAGRAFIN-SODIUM see: MW5200000
ORALCID see: CF8400000
ORALDRINA see: SI1750000
ORALIN see: YS4550000
ORALITH RED see: QL3436000
ORALITH RED 2GL see: QL3854000
ORALITH RED P4R see: QK4247000
ORALSONE see: GM9015000
ORALSTERONE see: BV8390000
ORA-LUTIN see: TU5570250
ORAMID see: VN6475000
ORANGE 3 see: DB6327000
ORANGE #10 see: QJ6500000
1333 ORANGE see: DB7085000
1370 ORANGE see: QJ6500000
11048 ORANGE see: QL3854000
11550 ORANGE see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
ORANGE A L'HUILE see: QL4900000
ORANGE BASE CIBA II see: BY6650000
ORANGE BASE IRGA I see: BY6825000
ORANGE BASE IRGA II see: BY6650000
ORANGE BPC see: QJ6500000
ORANGE CHROME see: OF9800000
ORANGE EXTRA N see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
ORANGE EXTRA P see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT

RL5510000 ORANGE FLOWER ABSOLUTE
DEF:Found in the flowers of the bitter orange tree CITRUS AURANTIUM L. subsp. AMARA(FCTOD7 20(Suppl),785,82)
UPDT:8305
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),785,82

ORANGE G see: QJ6500000
ORANGE 2G see: QJ6500000
ORANGE G (BIOLOGICAL STAIN) see: QJ6500000
ORANGE G BPC see: QJ6500000
ORANGE GC BASE see: BX0350000
ORANGE G DYE see: QJ6500000
ORANGE GG see: QJ6500000
ORANGE G (INDICATOR) see: QJ6500000
ORANGE GMP see: QJ6500000
ORANGE GRS SALT see: BY6650000
ORANGE I see: DB7085000
ORANGE I EXTRA CONC. A EXPORT see: DB7085000
ORANGE II see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
ORANGE IIC see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
ORANGE III see: DB6327000
ORANGE II for LAKES see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
ORANGE IIP see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
ORANGE II R see: QK2450000
ORANGE IIS see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
ORANGE IISM see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
ORANGE II SPECIAL FOR LACQUER see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
ORANGE IM see: DB7085000
ORANGE 2 INSOLUBLE see: QL4900000
ORANGE I, SODIUM SALT see: DB7085000
ORANGE INSOLUBLE OLG see: QL4900000
ORANGE INSOLUBLE OLG see: QL5850000
ORANGE INSOLUBLE RR see: QL5850000
ORANGE LEAD see: OG5425000
ORANGE NITRATE CHROME see: OF9800000
ORANGE NO. 203 see: QL3854000
ORANGE No. 205 see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
ORANGE OIL see: RI8600000
ORANGE OIL KB see: QL5850000
ORANGE OT see: QL5425000
ORANGE OT* see: QL5425000
ORANGE PAL see: QK2450000
ORANGE PEL see: QL4900000
ORANGE PIGMENT X see: QL3854000
ORANGE 3RA SOLUBLE in GREASE see: QL4900000
ORANGER CYRSTALS see: AL2988000
ORANGE RESENOLE NO. 3 see: QL4900000
ORANGE R FAT SOLUBLE see: QL4900000
ORANGE RGL CONC. SPECIALLY PURE see: QK2450000
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLHEXADECYLAMMONIUM BROMIDE) see: BS3859460
ORANGE 3R SOLUBLE IN GREASE see: QL5425000
ORANGES see: SI1400000
ORANGE S see: DB7085000
ORANGE SALT CIBA II see: BY6650000
ORANGE SALT IRGA II see: BY6650000
ORANGE 2 SODIUM SALT see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO), MONOSODIUM SALT
ORANGE SOLUBLE A L'HUILE see: QL4900000
ORANGE SS see: QL5425000
ORANGE TONER GRT see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
ORANGE Y see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
ORANGE YA see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
ORANGE YELLOW S see: QK2450000
ORANGE YELLOW S.AF see: QK2450000
ORANGE YELLOW S.FQ see: QK2450000
ORANGE YZ see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
ORANIL see: YS4200000
ORANIXON see: TZ1225000
ORANYL see: YS4200000
ORANZ G (Polish) see: QJ6500000
ORAP see: DE1750000
ORAPEN see: XH9275000
ORARSAN see: CF8400000
ORASECRON see: JF8300000
ORASONE see: TU4154100
ORASPOR see: XI0335000
ORASTHIN see: RS7534000
ORASULIN see: YS4200000
ORATESTIN see: BV8390000
ORA-TESTRYL see: BV8390000
ORATRAST see: CR0600000
ORATROL see: CZ9200000
ORAVIRON see: BV8400000
ORBENCARB see: EZ7259400
ORBENIN SODIUM HYDRATE see: XH8920000
ORBICIN see: WK1985000
ORBIL see: AY3170000
ORBON see: RG1925000
ORCANON see: YR0875000
ORCHARD BRAND ZIRAM see: ZH0525000
ORCHIOL see: XA3115000
ORCHISTIN see: XA3115000
ORCIN see: VH2100000
ORCINOL see: VH2100000
ORCINOL, 5-METHYLRESORCINOL see: VH2100000
ORCIPRENALINE see: DO1800000
ORCIPRENALINE SULFATE see: DO2275000
ORCOMIN see: RL9626000

RL9626000 ORCOMINE
UPDT:8311 CAS: 537[illegible]5-84-9
SYN: ORCOMIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:8400 mg/kg VRDEA5 (5),104,77

ORDIMEL see: YR7350000
ORDINARY AZOXYBENZENE see: CO4025000
ORDINARY LACTIC ACID see: OD2800000
ORDRAM see: CM2625000
OREMET see: XR1700000
ORENCIL HYDROCHLORIDE see: XH9802500
ORESOL see: TY8400000
ORESON see: TY8400000
ORESTOL see: WJ5775000
ORESTRALYN see: RC8925000
ORESTRAYLN see: RC8925000
ORETIC see: DK9100000
ORETON see: XA3115000
ORETON see: XA3030000
ORETON-F see: XA3030000
ORETON-M see: BV8400000
ORETON METHYL see: BV8400000
ORETON PROPIONATE see: XA3115000
OREZAN see: YS4550000
ORF-1616 see: UX9276000
ORF 2166 see: GW4430000
ORF 3858 see: GW4450000
ORF-4563 see: GW4500000
ORF 5513 see: JO6826000
ORF 5529 see: GW4400000
ORF 6128 see: GW4410000
ORF 8511 see: GV8980000
ORF 9326 see: BV8047600
ORF 10131 see: JF7976000
ORG-483 see: RC8961100
ORG 2154 see: RC8960600
ORG 2969 see: JF7975000
ORG 3236 see: JF8290000
ORG 485-50 see: RC8964300
ORGA-414 see: XZ3850000
ORGABOLIN see: RC8961100
ORGABORAL see: RC8961100
ORGAMETIL see: RC8964300
ORGAMETRIL see: RC8964300
ORGAMETROL see: RC8964300
ORGAMIDE see: TQ9800000
ORGAMID RMNOCD see: TQ9800000
ORGANEX see: EV6475000
ORGANIC GLASS E 2 see: TR0400000
ORGANIC PEROXIDE (DOT) see: OT0175000
ORGANIDIN see: JI1800000

ORGANIL 644 see: OP0480000
ORGANOL BORDEAUX B see: QM2850000
ORGANOL BROWN 2R see: ST2900000
ORGANOL ORANGE see: QL4900000
ORGANOL ORANGE 2R see: QL5425000
ORGANOL 2R see: ST2900000
ORGANOL RED B see: QL5775000
ORGANOL RED BS see: QK4250000
ORGANOL SCARLET see: QK4250000
ORGANOL YELLOW see: BY8225000
ORGANOL YELLOW 2A see: BY8225000
ORGANOL YELLOW ADM see: BX7350000
ORGANOL YELLOW AP see: SM8300000
ORGANOL YELLOW 2T see: XU8800000
ORGANON see: KG7960000
ORGANON'S DOCA ACETATE see: HG0525000
ORGASEPTINE see: WO8400000
ORGASTERON see: KG8000000
ORGASTYPTIN see: KG8225000
ORGATRAX see: KK2280000
ORG GB 94 see: HP8780000
ORG NA 97 see: TN4930000
ORG NC 45 see: TN4875000
ORICUR see: OW1050000
ORIENTAL BERRY see: TJ9100000
ORIENT BASIC MAGENTA see: CX9855000
ORIENT OIL ORANGE PS see: QL4900000
ORIENT OIL RED RR see: QL5775000
ORIENT OIL YELLOW GG see: BX7350000
ORIENTOMYCIN see: NY2975000

RM2660000 ORIGANUM OIL
UPDT:8305 CAS: 8007-11-2
SYN: OIL OF ORIGANUM
IRRITATION DATA AND REFERENCES:
skn-mus 100% SEV FCTXAV 12,945,74
skn-rbt 500 mg/24H MOD FCTXAV 12,945,74
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1850 mg/kg FCTXAV 12,945,74
* skn-rbt LD50:320 mg/kg FCTXAV 12,945,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ORIMETEN see: MA4026950
ORIMON see: SN5075000
ORINASE see: YS4550000
ORINAZ see: YS4550000
ORION BLUE 3B see: QJ6475000
ORISUL see: DA9520000
ORISULF see: DA9520000
ORIZON see: TQ3325000
ORIZON 805 see: TQ3325000
ORLEVOL see: TZ0175000
ORLON, combustion products see: AT6975000
ORLUTATE see: RC8965000
ORLYCYCLINE see: QI8750000
ORNAMENTAL WEEDER see: DG1925000
ORNID see: BO9450000
ORNIDAZOLE see: NI5460000

RM2981540 ORNITHINE, N(sup 5)-CARBAMOYL-, L-, and SODIUM NITRITE (2:1)
UPDT:8305 MW: 239.68 MOLFM: C6-H13-N3-O3 1/2N-Na-O2
SYN: L-CITRULLINE and SODIUM NITRITE (2.1) * SODIUM NITRITE and L-CITRULLINE (1:2)
TUMORIGENIC DATA AND REFERENCES:
3V03T65M61 orl-rat TDLo:1650 mg/kg (13-23D preg) NCIMAV 51,103,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RM2981600 ORNITHINE, 2-(DIFLUOROMETHYL)-
UPDT:8406 CAS: 70052-12-9 MW: 182.20 MOLFM: C6-H12-F2-N2-O2
SYN: alpha-DFMO * alpha-DIFLUOROMETHYLORNITHINE * 2-(DIFLUOROMETHYL)ORNITHINE * RMI 71782
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ipr-rat TDLo:1600 mg/kg (4-7D preg) CCPTAY 24,215,81
1T29 iut-rat TDLo:50 ug/kg (4D preg) CCPTAY 28,93,83
1T26 scu-mus TDLo:800 mg/kg (8D preg) BJPCBM 69,335P,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RM2981700 DL-ORNITHINE, 2-(DIFLUOROMETHYL)-
UPDT:8405 CAS: 67037-37-0 MW: 182.20 MOLFM: C6-H12-F2-N2-O2
SYN: DL-alpha-DIFLUOROMETHYLORNITHINE * alpha-DFMO * RMI 71782
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:10 gm/kg (5-9D preg) SCIEAS 208,505,80
3T25T26T31 orl-mus TDLo:3952 mg/kg (5-8D preg) SCIEAS 208,505,80
1T25 orl-rbt TDLo:24750 mg/kg (6-10D preg) SCIEAS 208,505,80
1T35 scu-ham TDLo:150 mg/kg (7D preg) CCPTAY 28,159,83
1T29 scu-ham TDLo:300 mg/kg (7D preg) CCPTAY 28,159,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RM2983000 L-ORNITHINE, N(sup 5)-(N-METHYL-N-NITROSOCARBAMOYL)-,
UPDT:8412 CAS: 63642-17-1 MW: 218.25 MOLFM: C7-H14-N4-O4
SYN: N(sup delta)-(N-METHYL-N-NITROSOCARBAMOYL)-L-ORNITHINE * N(sup 5)-(METHYLNITROSOCARBAMOYL)-L-ORNITHINE * N(sup 5)-(N-METHYL-N-NITROSOCARBAMOYL)-L-ORNITHINE * MNCO
MUTATION DATA AND REFERENCES:
dnd-rat-ipr 1 mmol/kg CRNGDP 5,555,84
otr-ham-par 2616 mg/kg/12W-I JJIND8 71,1327,83
dnd-ham:oth 218 mg/L JJIND8 71,1327,83
TUMORIGENIC DATA AND REFERENCES:
3V01M61R60 ipr-rat TDLo:1870 mg/kg/26W-I JEPTDQ 4(1),117,80
3V01K60R60 ipr-ham TDLo:2616 mg/kg/12W-I JJIND8 71,1327,83
3V01K60R60 ipr-ham TD :3924 mg/kg/6W-I JJIND8 71,1327,83
TOXICITY DATA AND REFERENCES:
1V03 ipr-ham TDLo:1308 mg/kg/6W-I CALEDQ 8,163,79
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: APLMAS 107,54,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

N-D-ORNITHYLAMPHOTERICIN B 3-PHENYL-2-PROPYNYL ESTER see: BU2812000
N-D-ORNITHYLAMPHOTERICIN B METHYL ESTER see: BU2811000
N-L-ORNITHYLAMPHOTERICIN B METHYL ESTER see: BU2811100
N-D-ORNITHYLAMPHOTERICIN B 2-PROPYNYL ESTER see: BU2813000
ORNITROL see: BV8225000
OROBOIDINE see: UX9370000
ORODIN see: RM3180000
OROLEVOL see: TZ0175000
ORONOL see: MD6475000

RM3180000 OROTIC ACID
UPDT:8305 CAS: 65-86-1 MW: 156.11 MOLFM: C5-H4-N2-O4
SYN: ANIMAL GALACTOSE FACTOR * 6-CARBOXYURACIL * ORODIN * OROTONIN * OROTSAURE (German) * OROTURIC * OROTYL * 4-PYRIMIDINECARBOXYLIC ACID, 1,2,3,6-TETRAHYDRO-2,6-DIOXO- (9CI) * 6-URACILCARBOXYLIC ACID * WHEY FACTOR
MUTATION DATA AND REFERENCES:
pic-esc 1 gm/L ZAPOAK 12,583,72
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2 mg/kg NIIRDN 6,165,82
* ipr-mus LD50:841 mg/kg NIIRDN 6,165,82
* ivn-mus LD50:770 mg/kg NIIRDN 6,165,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RM3201200 OROTIC ACID mixed with CHOLESTEROL and CHOLIC ACID (2:2:1)
UPDT:8401
SYN: CHOLESTEROL mixed with OROTIC ACID mixed with CHOLIC ACID (2:2:1) * CHOLIC ACID mixed with CHOLESTEROL mixed with OROTIC ACID (1:2:2)
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:585 gm/kg/56W-C DABBBA 41,515,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OROTONIN see: RM3180000
OROTSAURE (German) see: RM3180000
OROTURIC see: RM3180000
OROTYL see: RM3180000
OROVERMOL see: NJ5950000
OROXIN see: XI0350000
OROXINE see: XP3583000
ORPANOXIN see: LU5700000
ORPHENADRINE see: KR6120000
ORPHENADRINE HYDROCHLORIDE see: KR6300000
ORPHENOL see: DV7700000
ORPIMENT see: CG2638000
ORQUISTERON see: XA3030000

RM3440000 ORRIS ABSOLUTE
UPDT:8305 CAS: 8031-04-7
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:9400 mg/kg FCTXAV 13,895,75

ORSILE see: DK8225000
ORSIN see: SS8050000
ORTAL SODIUM see: CQ4900000
ORTAZOL see: RQ3675000
ORTEDRINE see: SH9450000
ORTENAL see: SI1750000
ORTHAMINE see: SS7875000
ORTHEDRIN see: SI1750000
ORTHENE see: TB4760000
ORTHENE-755 see: TB4760000
ORTHO 4355 see: TB9450000
ORTHO 5,353 see: FC3500000
ORTHO 5353 see: FC3510000
ORTHO-5655 see: FB5075000
ORTHO 5865 see: GW4900000
ORTHOARSENIC ACID see: CG0950000
ORTHO 9006 see: TB4970000
ORTHO 12420 see: TB4760000
ORTHO 20615 see: AE1300200
ORTHO-AMIDOBENZOIC ACID see: CB2450000
ORTHO-AMINOBENZOIC ACID see: CB2450000
ORTHOARSENIC ACID see: CG0700000
ORTHOARSENIC ACID see: CG0765000
ORTHOARSENIC ACID HEMIHYDRATE see: CG0950000
ORTHOBENCARB see: EZ7259400
ORTHOBENZYL-p-CHLOROPHENOL see: GO7175000
ORTHOBENZYLPARACHLOROPHENOL see: GO7175000
ORTHOBORIC ACID see: ED4550000
ORTHO C-1 DEFOLIANT & WEED KILLER see: FO0525000
ORTHOCHROME ORANGE R see: VO5310000
ORTHOCIDE see: GW5075000
ORTHOCIDE see: GW5075100
ORTHOCIDE 7.5 see: GW5075000
ORTHOCIDE 50 see: GW5075000
ORTHOCIDE 406 see: GW5075000
ORTHOCRESOL see: GO6300000
ORTHODIBROM see: TB9450000
ORTHODIBROMO see: TB9450000
ORTHODICHLOROBENZENE see: CZ4500000
ORTHODICHLOROBENZOL see: CZ4500000
ORTHO EARWIG BAIT see: VV8410000
ORTHOFORMIC ACID, ETHYL ESTER see: RM6475000

RM6475000 ORTHOFORMIC ACID, TRIETHYL ESTER
UPDT:8412 CAS: 122-51-0 MW: 148.23 MOLFM: C7-H16-O3
SYN: AETHON * ETHONE * ETHYLESTER KYSELINY ORTHOMRAVENCI (Czech) * ETHYL ORTHOFORMATE * ETHYL ORTHOFORMATE (DOT) * METHANE, TRIETHOXY- * 1,1',1'-(METHYLIDYNETRIS(OXY))TRIS(ETHANE) * ORTHOFORMIC ACID, ETHYL ESTER * ORTHOMRAVENCAN ETHYLNATY (Czech) * TRIETHOXYMETHANE * TRIETHYL ORTHOFORMATE * UN 2524 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
skn-rbt 500 mg/24H MLD 28ZPAK -,44,72
eye-rbt 500 mg open AMIHBC 4,119,51
eye-rbt 100 mg/24H SEV 28ZPAK -,44,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2920 mg/kg 28ZPAK -,44,72
* ihl-rat LCLo:4000 ppm/8H AMIHBC 4,119,51
* skn-rbt LD50:20 gm/kg AMIHBC 4,119,51
* scu-rbt LD50:20 gm/kg FCTXAV 17,917,79
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ORTHO GRASS KILLER see: FD9100000
ORTHOHYDROXYBENZOIC ACID see: VO0525000
ORTHOHYDROXYDIPHENYL see: DV5775000
ORTHOIODIN see: MR8162000
ORTHO-KLOR see: PB9800000

ORTHO L10 DUST see: CG0980000
ORTHO L40 DUST see: CG0980000
ORTHO-LM APPLE SPRAY see: OW7000000
ORTHO LM CONCENTRATE see: OW7000000
ORTHO LM SEED PROTECTANT see: OW7000000
ORTHO MALATHION see: WM8400000
ORTHO MC see: FO0175000
ORTHO-MITE see: WT2975000
ORTHOMRAVENCAN ETHYLNATY (Czech) see: RM6475000
ORTHONAL see: VA3850000
ORTHO N-4 DUST see: QS5250000
ORTHO N-5 DUST see: QS5250000
ORTHONITROANILINE (DOT) see: BY6650000
ORTHO N-4 and N-5 DUSTS see: QS5250000
ORTHO-NOVUM see: RC9020000
ORTHO PARAQUAT CL see: DW2275000
ORTHO P-G BAIT see: GL6475000
ORTHOPHALTAN see: TI5685000
ORTHOPHENANTHROLINE see: SF8300000
ORTHOPHENYLPHENOL see: DV5775000
ORTHOPHOS see: TF4550000
ORTHO PHOSPHATE DEFOLIANT see: TG5425000
ORTHOPHOSPHORIC ACID see: TB6300000
ORTHOPHOSPHORUS ACID see: SZ6475500
ORTHO RE-5353 see: FC3500000
ORTHOSAN MB see: BO7000000
ORTHOSERPINA see: ZG0350000
ORTHOSIL see: VV9275000
ORTHOSILICATE see: VV8925000
ORTHOTELLURIC ACID see: WY2350000
ORTHO-TOLUOL-SULFONAMID (German) see: XT4900000
1-ORTHO-TOLYLGLYCEROL ETHER see: TZ1225000
ORTHOTRAN see: DB5250000
ORTHOVANILLINE see: CU6530000
ORTHO WEEVIL BAIT see: VV8410000
ORTHOXENOL see: DV5775000
ORTHOXINE HYDROCHLORIDE see: SH8050000
ORTISPORINA see: XI0350000
ORTIZON see: YT4850000
ORTODRINEX HYDROCHLORIDE see: SH8050000
ORTODUR see: KV0350000
ORTOL see: TZ1225000
ORTONAL see: VA3850000
ORTRAN see: TB4760000
ORTRIL see: TB4760000
ORTYN RETARD see: UY4330000
ORUDIS see: UE7570000
ORUVAIL see: UE7570000
ORVAGIL see: NI5600000
ORVINYLCARBINOL see: BA5075000
ORVUS WA PASTE see: WT1050000

RM9810000 ORYCTANTHUS OCCIDENTALIS Eichl., leaf and stem extract
DEF:Jamaican plant belonging to the family LORANTHACEAE (JPPMAB 14,556,62)
UPDT:8405

TOXICITY DATA AND REFERENCES:

1H02	ipr-mus LDLo:20 gm/kg	JPPMAB 14,556,62

ORYZALIN see: WO9350000
ORYZANIN see: XI6550000
ORYZANINE see: XI6550000

RN0100000 ORYZA SATIVA Linn., seed extract
DEF:Indian plant belonging to the family GRAMINEAE (IJEBA6 6,232,68)
UPDT:8302
SYN: DHAN SEED EXTRACT

TOXICITY DATA AND REFERENCES:

1H30	ipr-mus LD50:750 mg/kg	IJEBA6 6,232,68

OS 1897 see: TX8750000
OS 2046 see: GQ5250000
OS-4742 A1 see: CB9653200
OSACYL see: VO1225000
OSAGE ORANGE see: LK8749000
OSAGE ORANGE CRYSTALS see: LK8749000
OSAGE ORANGE EXTRACT see: LK8749000
OSARSAL see: CF8400000
OSARSOL see: CF8400000
OSARSOLE see: CF8400000
OS-3966-B see: QL6126000
OS 4742B1 see: CB9653350
OS 4742B2 see: CB9653360
OSBAC see: FB5425000
OSBIL see: AY3170000
OSBILAND see: AY3170000
OSBON AC see: SD8927100
OSCINE see: VR3675000
OSCOPHEN see: DG0935000
p-OSELLINIC ACID see: VH3709600
p-OSELLINIC ACID, 3-CHLORO- see: VH3708450
p-OSELLINIC ACID, 3,5-DICHLORO- see: VH3708820
OSIREN see: TU4725000
OSMIC ACID see: RN1140000
OSMITROL see: OP2060000

RN1140000 OSMIUM TETROXIDE
UPDT:8412 CAS: 20816-12-0 MW: 254.20 MOLFM: O4-Os
SYN: OSMIC ACID * OSMIUM TETROXIDE (DOT) * RCRA WASTE NUMBER P087 * UN 2471 (DOT)

MUTATION DATA AND REFERENCES:

	mrc-bcs 5 mmol/L	MUREAV 77,109,80
	dns-ham:emb 200 umol/L	MUREAV 131,173,84

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T01T02	itt-rat TDLo:20336 ug/kg (1D male)	JRPFA4 7,21,64
2T01T02	scu-mus TDLo:20336 ug/kg (30D male)	JRPFA4 7,21,64

TOXICITY DATA AND REFERENCES:

3D17D35J02	ihl-man TCLo:133 ug/m3	BJIMAG 3,183,46
	orl-rat LD50:14 mg/kg	SCCUR* -,8,61
	ihl-rat LCLo:40 ppm/4H	SCCUR* -,8,61
	orl-mus LD50:162 mg/kg	SCCUR* -,8,61
	ihl-mus LCLo:40 ppm/4H	SCCUR* -,8,61
	ipr-mus LD50:14 mg/kg	SCCUR* -,8,61
	ihl-rbt LCLo:1316 mg/m3/30M	JIDHAN 15,136,33

REVIEW AND REFERENCES:

★ TLV-TWA 200 ppt; STEL 600 ppt	DTLVS* 4,314,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 ug/m3 (SCP-M)	FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON	CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OSMIUM TETROXIDE (DOT) see: RN1140000
OSMOFERRIN see: NO8300000
OSMOSOL EXTRA see: UH8225000

RN1230000 OSMUNDA REGALIS Linn., extract excluding roots
DEF:Indian plant belonging to the family OSMUNDACEAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:

2M10Y55	ipr-mus LD50:500 mg/kg	IJEBA6 15,208,77

OSNERVAN see: UY1925000
OSOCIDE see: GW5075000
OSPENEFF see: XH9275000
OSSALIN see: WB0350000
OSSIAN see: JI5075000
OSSIDO DI MESITILE (Italian) see: SB4200000
OSSIN see: WB0350000
OSTACET YELLOW P2G see: AC3662000
OSTAMER see: TR8050000
OSTELIN see: KE1050000
OSTEOBOND see: TR0400000
OSTEOBOND SURGICAL BONE CEMENT see: TR0400000

RN1800000 OSTODES PANICULATA Blume, extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: BIJOPARI EXTRACT

TOXICITY DATA AND REFERENCES:

1H30	ipr-mus LD50:17500 ug/kg	IJEBA6 7,250,69

OSTREOGRYCIN B see: ZA4870000
OSVAN see: BO3150000
OSVARSAN see: CF8400000
OSVARSON see: CF8400000
OSYRITIN see: VM2975000
OSYRITRIN see: VM2975000
OSYROL see: TU4725000
OTACHRON see: AB6825000
OTACRIL see: AG6600000
OTAN see: UC1645000
OTBE (French) see: JN8750000
OTC see: QI7875000
OTERBEN see: YS4550000
OTETRYN see: QI8225000
OTIFURIL see: RQ3620000
OTILONIUM BROMIDE see: BP7610000 AMMONIUM, DIETHYL(2-HYDROXYETHYL)METHYL-, BROMIDE, p-(o-(OCTYLOXY)BENZAMIDO)BENZOATE
OTOBIOTIC see: QP4375000
OTOFURAN see: LT7700000
OTOKALIXIN see: NZ3225030
OTOPHEN see: AB6825000
OTOSONE-F see: GM8925000
OTRACID see: DB5250000
OTRUN see: LZ9800000
OTS see: XT4900000
OTS 11 see: RO0955000
OTTAFACT see: GO7100000
OTTANI (Italian) see: RG8400000

RN3223000 OTTELIA ALISMOIDES Pers., extract
DEF:Indian plant belonging to the family HYDROCHARIACEAE (IJEBA6 15,208,77)
UPDT:8412

TOXICITY DATA AND REFERENCES:

1U26	ipr-mus LD50:94 mg/kg	IJEBA6 15,208,77

OTTILONIO BROMURO (Italian) see: BP7610000 AMMONIUM, DIETHYL(2-HYDROXYETHYL)METHYL-,BROMIDE, p-(o-(OCTYLOXY)BENZAMIDO)BENZOATE
1,2,4,5,6,7,8,8-OTTOCHLORO-3a,4,7,7a-TETRAIDRO-4,7-endo-METANO-INDANO (Italian) see: PB9800000
OTTOMETIL-PIROFOSFORAMMIDE (Italian) see: UX5950000
OTTO ROSE see: VL0457000
OTTO of ROSE see: VL0460000
OTTO of ROSE see: VL0457000
OTTO of ROSE, MOROCCAN see: VL0462000
OTTO ROSE TURKISH see: RJ3360000
OUABAGENIN see: FH5100000
OUABAGENIN L-RHAMNOSIDE see: RN3675000

RN3675000 OUABAIN
UPDT:8411 CAS: 630-60-4 MW: 584.73 MOLFM: C29-H44-O12
SYN: ACOCANTHERIN * ASTROBAIN * GRATIBAIN * GRATUS STROPHANTHIN * G-STROPHANTHIN * OUABAGENIN L-RHAMNOSIDE * OUBAIN * OUABAINE * PUROSTROPHAN * STROPHANTHIN G * g-STROPHANTHIN * STROPHOPERM

TOXICITY DATA AND REFERENCES:

	unk-rat LD50:125 mg/kg	TXAPA9 22,336,72
	ipr-rat LD50:47 mg/kg	TXAPA9 24,37,73
	ivn-rat LD50:14 mg/kg	TXAPA9 20,44,71
*	ipr-mus LD50:11 mg/kg	AIPTAK 155,165,65
	orl-dog LDLo:1500 ug/kg	HBAMAK 4,1289,35
	scu-dog LDLo:150 mg/kg	HBAMAK 4,1289,35
	ivn-dog LDLo:54 ug/kg	JPETAB 179,447,71
	ivn-mky LDLo:102 ug/kg	ARZNAD 13,412,63
*	ipr-cat LD50:100 ug/kg	AIPTAK 155,165,65
*	ivn-cat LD50:110 ug/kg	NIIRDN 6,378,82
*	unk-cat LDLo:90 ug/kg	AIPTAK 148,471,64
	idu-cat LDLo:3614 mg/kg	ARZNAD 19,687,69
	orl-rbt LDLo:7 mg/kg	COREAF 149,306,09
	scu-rbt LDLo:1 mg/kg	COREAF 149,306,09
	ivn-rbt LDLo:120 ug/kg	HBAMAK 4,1289,35
	ims-rbt LDLo:1 mg/kg	COREAF 149,306,09
*	orl-gpg LD50:8280 ug/kg	USXXAM #4230702
1G04	ivn-gpg LDLo:246 mg/kg	ARZNAD 34,416,84
	ims-gpg LDLo:220 ug/kg	JPETAB 52,1,34
3G04G10K13	ivn-pgn LDLo:183 ug/kg	AIPTAK 126,412,60
	orl-pgn LDLo:14 mg/kg	COREAF 149,306,09
	ims-pgn LDLo:330 ug/kg	COREAF 149,306,09

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85ELDJ -,193,63; CHIMAD 5,93,51

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OUABAINE see: RN3675000
OUABAIN GENIN see: FH5100000
OU-B see: FF5250100
OUBAIN see: RN3675000

RN4040000 OUGENINIA COJEINENSIS Roxb., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 16,228,78)
UPDT:8412

TOXICITY DATA AND REFERENCES:

3F29H02Y55	ipr-rat LD50:260 mg/kg	IJEBA6 16,228,78

OUPLATE see: GN1775000
OURARI see: GS3325000
OUTFLANK see: GZ1255000
OUTFLANK-STOCKADE see: GZ1255000
OUTFOX see: XY5380000
OVABAN see: TU4075000
OVADOFOS see: TG0350000
OVADZIAK see: GV4900000
OVAHORMON see: KG2975000
OVAHORMON BENZOATE see: KG4050000
OVAMIN 30 see: RC8945300
OVANON see: RC8964500

RN4300000 OVARIAN FOLLICULAR EXTRACT, SWINE
DEF:Extract prepared from the follicular fluid of the pig's ovary (JHHBAI 39,203,26)
UPDT:8305
SYN: SWINE OVARIAN FOLLICULAR EXTRACT

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:75 mg/kg (2D preg)	JHHBAI 39,203,26

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OVARIAN INHIBIN see: NM7109000
OVARIOSTAT (French) see: RC8964500
OVASTEROL see: KG2975000
OVASTEROL-B see: KG4050000
OVASTEVOL see: KG2975000
OVATRAN see: DB5250000
OVATRON see: DB5250000
OVEST see: GL1224000
OVESTERIN see: KG8225000
OVESTIN see: KG8225000
OVESTINON see: KG8225000
OVESTRION see: KG8225000
OVETTEN see: SC5075000
OVEX see: DB5250000
OVEX see: KG4050000
OVEX see: KG8575000
OVIDON see: JF8300000
OVIFOLLIN see: KG8575000
OVIN see: BV8515250
beta-subunit of OVINE LUTEINIZING HORMONE see: OK6368500
OVINE PITUITARY INTERSTITIAL CELL STIMULATING HORMONE see: OK6367000
OVISOT see: FZ9700000
OVISOT see: FZ9800000
OVITELMIN see: EY8600000
OVOCHLOR see: DB5250000
OVOCICLINA see: KG2975000
OVOCYCLIN see: KG2975000
OVOCYCLIN BENZOATE see: KG4050000
OVOCYCLIN DIPROPIONATE see: KG4725000
OVOCYCLINE see: KG2975000
OVOCYCLIN M see: KG4050000
OVOCYCLIN-MB see: KG4050000
OVOCYCLIN-P see: KG4725000
OVOCYLIN see: KG2975000
OVODUR see: AT6970000
OVOSTAT see: RC8945400
OVOSTAT 1375 see: RC8945400
OVOSTAT E see: RC8945400
OVOTOX see: DB5250000
OVOTRAN see: DB5250000
OVRAL see: JF8300000
OVRAL 21 see: JF8300000
OVRAL 28 see: JF8300000
OVRAN see: JF8300000
OVRANETT see: JF8300000
O-V STATIN see: RF5950000
OVULEN see: RC8964200
OVULEN 30 see: RC8945300
OVULEN 50 see: RC8963000
OWADOFOS see: TG0350000
OWADZIAK see: GV4900000
OWISPOL GF see: WL6475000
OX see: DF1400000
OXAALZUUR (Dutch) see: RO2450000
4-OXAANDROSTAN-3-ONE, 6-BROMO-17-HYDROXY-17-METHYL-, (5-alpha,6-alpha,17-beta)- (9CI) see: RN6800500

RN6800500 4-OXA-5-alpha-ANDROSTAN-3-ONE, 6-alpha-BROMO-17-beta-HYDROXY-17-METHYL-
UPDT:8305 CAS: 24543-59-7 MW: 385.39 MOLFM: C19-H29-Br-O3
SYN: BOMT * 6-alpha-BROMO-17-beta-HYDROXY-17-alpha-METHYL-4-OXA-5-alpha-ANDROSTAN-3-ONE * 6-alpha-BROMO-17-beta-METHYL-4-OXA-5-alpha-ANDROSTAN-3-ONE * 4-OXAANDROSTAN-3-ONE, 6-BROMO-17-HYDROXY-17-METHYL-, (5-alpha,6-alpha,17-beta)- (9CI) * RO 7-2340

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T53T91	orl-rat TDLo:700 mg/kg (14-20D preg)	AAMMAU 63,239,74
2T75T81	orl-rat TDLo:3500 mg/kg (MGN)	AAMMAU 63,239,74
1T81	orl-rat TDLo:700 mg/kg (MGN)	AAMMAU 63,239,74
2T53T91	scu-rat TDLo:350 mg/kg (14-20D preg)	AAMMAU 63,239,74
2T75T81	scu-rat TDLo:1750 mg/kg (MGN)	AAMMAU 63,239,74
2T44T53	scu-rat TDLo:1750 mg/kg (14-20D preg)	AAMMAU 64,27,75
1T81	scu-rat TDLo:350 mg/kg (MGN)	AAMMAU 63,239,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RN6800700 2-OXA-5-alpha-ANDROSTAN-3-ONE, 17-beta-HYDROXY-17-METHYL-
UPDT:8312 CAS: 53-39-4 MW: 306.49 MOLFM: C19-H30-O3
SYN: ANAVAR * OXANDROLONE * 8075 C.B. * 2-OXAANDROSTAN-3-ONE, 17-HYDROXY-17-METHYL-, (5-alpha,17-beta)- (9CI) * PROTIVAR * PROVITAR * SC 11585 * VASOROME

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T27	orl-rat TDLo:1800 mg/kg (2-19D preg)	FESTAS 22,735,71
2T12T29	scu-rat TDLo:70 mg/kg (14D pre)	CCPTAY 5,489,72
1T13	unk-rat TDLo:300 mg/kg (30D pre)	RPHRA6 20,395,64

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:5600 mg/kg	NIIRDN 6,149,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-OXAANDROSTAN-3-ONE, 17-HYDROXY-17-METHYL-, (5-alpha,17-beta)- (9CI) see: RN6800700

RN6802700 4-OXA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3-(2-HYDROXYETHYLIDENE)-7-OXO-, MONOPOTASSIUM SALT, (2R-(2-alpha,3Z,5-alpha))-
UPDT:8407 CAS: 61177-45-5 MW: 238.28 MOLFM: C8-H9-N-O5 .K
SYN: BRL 14151K * POTASSIUM CLAVULANATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T46T73	orl-rat TDLo:500 mg/kg (6-15D preg)	NKRZAZ 31(Suppl 2),238,83
1T81	orl-rat TDLo:100 mg/kg (6-15D preg)	NKRZAZ 31(Suppl 2),238,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RN6802800 4-OXA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3-(2-HYDROXYETHYLIDENE)-7-OXO-, MONOPOTASSIUM SALT, (2R-(2-alpha,3Z,5-alpha))-, mixt. with (2S-(2-alpha,5-alpha, 6-beta(S*)))-6-((AMINO(4-HYDROXYPHENYL)ACETYL)AMINO)-3,3-DIMETHYL-7-OXO-4-THIA- 1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID (1:2)
UPDT:8406 CAS: 74469-00-4 MW: 603.72 MOLFM: C16-H19-N3-O5-S .C8-H9-N-O5 .K
SYN: AUGMENTIN * AUGMENTIN (ANTIBIOTIC) * BRL 25000

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T81	orl-rat TDLo:1500 mg/kg (6-15D preg)	NKRZAZ 31(Suppl 2),238,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RN6804000 7-OXA-3-AZABICYCLO(4.1.0)HEPTANE, 3-NITROSO-
UPDT:8310 MW: 128.15 MOLFM: C5-H8-N2-O2
SYN: N-NITROSO-3,4-EPOXYPIPERIDINE * 3-NITROSO-7-OXA-3-AZABICYCLO(4.1.0)HEPTANE

TUMORIGENIC DATA AND REFERENCES:

3V03J60L61	orl-rat TDLo:700 mg/kg/30W-I	CRNGDP 1,753,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RN6824000 5-OXA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 7-(2-CARBOXY-2-(p-HYDROXYPHENYL) ACETAMIDO)-7-METHOXY-3-(((1-METHYL-1H-TETRAZOL-5-YL)THIO)METHYL)-8-OXO-, DISODIUM SALT, (6R,7R)-
UPDT:8303 MW: 534.44 MOLFM: C20-H20-N6-O9 .2Na
SYN: LATAMOXEF SODIUM

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:8100 mg/kg	NIIRDN 6,APP-21,82
*	scu-rat LD50:9000 mg/kg	NIIRDN 6,APP-21,82
*	ivn-rat LD50:5500 mg/kg	NIIRDN 6,APP-21,82
*	ipr-mus LD50:8100 mg/kg	NIIRDN 6,APP-21,82
*	scu-mus LD50:9000 mg/kg	NIIRDN 6,APP-21,82
*	ivn-mus LD50:5500 mg/kg	NIIRDN 6,APP-21,82

1-OXA-4-AZACYCLOHEXANE see: QD6475000

RN7025000 1-OXA-3-AZASPIRO(4.5)DECANE-3-CARBOXYLIC ACID, 7,9-DIMETHYL-2-OXO-, 2-DIMETHYLAMINOETHYL ESTER, FUMARATE, HYDRATE, (Z)-
UPDT:8310 MW: 432.53 MOLFM: C15-H26-N2-O4 .C4-H4-O4 .H2-O
SYN: DIMETHYLAMINOETHYL 7,9-DIMETHYL-2-OXO-1-OXA-3-AZASPIRO(4.5)DECANE-3-CARBOXYLATE FUMARATE

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:650 mg/kg	CHTPBA 4,174,69

RN7060210 8-OXA-2-AZASPIRO(4.5)DECANE-1,3-DIONE, 2-ALLYL-
UPDT:8308 MW: 209.27 MOLFM: C11-H15-N-O3
SYN: 2-ALLYL-8-OXA-2-AZASPIRO(4.5)DECANE-1,3-DIONE

TOXICITY DATA AND REFERENCES:

1F25	ipr-rat LD50:300 mg/kg	JMCMAR 7,78,64

RN7060220 8-OXA-2-AZASPIRO(4.5)DECANE-1,3-DIONE, 2-ALLYL-7-METHYL-9-PHENYL-
UPDT:8308 MW: 299.40 MOLFM: C18-H21-N-O3
SYN: 2-ALLYL-7-METHYL-9-PHENYL-8-OXA-2-AZASPIRO(4.5)DECANE-1,3-DIONE

TOXICITY DATA AND REFERENCES:

2A11F13	ipr-rat LD50:300 mg/kg	JMCMAR 7,78,64

3-OXA-9-AZATRICYCLO(3.3.1.0(sup 2,4))NONAN-7-OL, 9-METHYL-, TROPATE (ester) see: VR3675000
OXABEL see: XH9100000

RN7175000 7-OXABICYCLO(4.1.0)HEPTANE
UPDT:8401 CAS: 286-20-4 MW: 98.16 MOLFM: C6-H10-O
SYN: CCHO * CYCLOHEXENE-1-OXIDE * CYCLOHEXENE EPOXIDE * CYCLOHEXENE OXIDE * 1,2-CYCLOHEXENE OXIDE * CYCLOHEXANE OXIDE * CYCLOHEXANE, 1,2-EPOXY- * CYCLOHEXYLENE OXIDE * 1,2-EPOXYCYCLOHEXANE * TETRAMETHYLENEOXIRANE

MUTATION DATA AND REFERENCES:

	mmo-sat 10 umol/plate	BCPCA6 29,1068,80
	mma-sat 1 mg/plate	MUREAV 58,217,78
	mmo-klp 5 mmol/L	MUREAV 89,269,81

TUMORIGENIC DATA AND REFERENCES:

2V03J60	unk-mus TDLo:79 mg/kg	RARSAM 3,193,63

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1090 mg/kg	AIHAAP 30,470,69
	ihl-rat LCLo:2000 ppm/4H	AIHAAP 30,470,69
	ipr-rat LD50:549 mg/kg	TXAPA9 52,422,80
	ims-mus LD50:1000 mg/kg	JSICAZ 21,342,62
	skn-rbt LD50:630 mg/kg	AIHAAP 30,470,69

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RN7178000 7-OXABICYCLO(4.1.0)HEPTA-2,4-DIENE, 1-VINYL-
UPDT:8303 CAS: 78619-10-0 MW: 120.16 MOLFM: C8-H8-O
SYN: 1-VINYLBENZENE 1,2-OXIDE * 1-VINYL-7-OXABICYCLO(4.1.0)HEPTA-2,4-DIENE

MUTATION DATA AND REFERENCES:

	mmo-sat 200 nmol/plate	MUREAV 93,45,82

RN7179000 7-OXABICYCLO(4.1.0)HEPTA-2,4-DIENE, 3-VINYL-
UPDT:8303 CAS: 78619-09-7 MW: 120.16 MOLFM: C8-H8-O
SYN: 1-VINYLBENZENE 3,4-OXIDE * 3-VINYL-7-OXABICYCLO(4.1.0)HEPTA-2,4-DIENE

MUTATION DATA AND REFERENCES:

	mmo-sat 50 nmol/plate	MUREAV 93,45,82

RN7700000 7-OXABICYCLO(4.1.0)HEPTANE-3-CARBOXYLIC ACID, 4-METHYL-, (4-METHYL-7-OXABICYCLO(4.1.0) HEPT-3-YL)METHYL ESTER
UPDT:8405 CAS: 141-37-7 MW: 280.40 MOLFM: C16-H24-O4
SYN: CHISSONOX 201 * EP 201 * EPOXIDE-201 * 3,4-EPOXY-6-METHYLCYCLOHEXENECARBOXYLIC ACID (3,4-EPOXY-6-METHYLCYCLOHEXYLMETHYL) ESTER * 3,4-EPOXY-6-METHYLCYCLOHEXYLMETHYL 3,4-EPOXY-6-METHYLCYCLOHEXANECARBOXYLATE * 3,4-EPOXY-6-METHYLCYCLOHEXYLMETHYL-3',4'-EPOXY-6'-METHYLCYCLOHEXANE CARBOXYLATE * 4,5 EPOXY-2-METHYLCYCLOHEXYLMETHYL-4,5-EPOXY-2-METHYLCYCLOHEXANECARBOXYLATE * 6-METHYL-3,4-EPOXYCYCLOHEXYLMETHYL 6-METHYL-3,4-EPOXYCYCLOHEXANE CARBOXYLATE * UNOX 201 * UNOX EPOXIDE 201

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open MLD	AIHAAP 23,95,62

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:67 gm/kg/56W-I JNCIAM 39,1217,67
3V03R60V10 skn-mus TD :516 gm/kg/43W-I AIHAAP 24,305,63
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4920 mg/kg UCDS** 6/8/65
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 11,147,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RN7756000 7-OXABICYCLO(4.1.0)HEPTANE, 1-CHLORO-
UPDT:8403 MW: 133.61 MOLFM: C6-H10-O-Cl
SYN: 1-CHLOROCYCLOHEXENE OXIDE * 1-CHLORO-7-OXABICYCLO(4.1.0)HEPTANE
MUTATION DATA AND REFERENCES:
mmo-sat 7380 nmol/plate CBINA8 45,305,83

RN7875000 7-OXABICYCLO(2.2.1)HEPTANE-2,3-DICARBOXYLIC ACID
UPDT:8406 CAS: 145-73-3 MW: 186.18 MOLFM: C8-H10-O5
SYN: AQUATHOL * 1,2-CYCLOHEXANEDICARBOXYLIC ACID, 3,6-endo-EPOXY- * ENDOTHAL * ENDOTHALL * ENDOTHAL TECHNICAL * 3,6-ENDOXOHEXAHYDROPHTHALIC ACID * 3,6-ENDOOXOHEXAHYDROPHTHALIC ACID * HYDOUT * HYDROTHAL-47 * HYDROTHAL-191 * PHTHALIC ACID, HEXAHYDRO-3,6-endo-OXY- * RCRA WASTE NUMBER P088 * TRI-ENDOTHAL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:38 mg/kg PCOC** -,471,66
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RN8221000 7-OXABICYCLO(4.1.0)HEPTANE-3,4-DICARBOXYLIC ACID, DI(2-ETHYLHEXYL) ESTER
UPDT:8305 MW: 410.66 MOLFM: C24-H42-O5
SYN: DI-(2-ETHYLHEXYL)EPOXYHEXAHYDROPHTHALATE * DEHP
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:50100 mg/kg SKEZAP 15,147,74

RN8223400 7-OXABICYCLO(2.2.1)HEPTANE-2,3-DICARBOXYLIC ACID, DIPOTASSIUM SALT
UPDT:8401 MW: 262.36 MOLFM: C8-H8-O5 2K
SYN: ENDOTHALL DIPOTASSIUM SALT
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:54 mg/kg FMCHA2 -,C256,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RN8225000 7-OXABICYCLO(2.2.1)HEPTANE-2,3-DICARBOXYLIC ACID, DISODIUM SALT
UPDT:8406 CAS: 129-67-9 MW: 230.14 MOLFM: C8-H8-O5 2Na
SYN: ACCELERATE * AGUATHOL * DES-I-CATE * DINATRIUM-(3,6-EPOXY-CYCLOHEXAAN-1,2-DICARBOXYLAAT) (Dutch) * DINATRIUM-(3,6-EPOXY-CYCLOHEXAN-1,2-DICARBOXYLAT) (German) * DISODIUM 3,6-ENDOXOHEXAHYDROPHTHALATE * DISODIUM 3,6-EPOXYCYCLOHEXANE-1,2-DICARBOXYLATE * DISODIUM 7-OXABICYCLO(2.2.1)HEPTANE-2,3-DICARBOXYLATE * DISODIUM SALT of ENDOTHALL * DISODIUM SALT of 7-OXABICYCLO(2.2.1)HEPTANE-2,3-DICARBOXYLIC ACID * ENDOTAL * ENDOTHAL * ENDOTHALL * ENDOTHAL-NATRIUM (Dutch) * ENDOTHAL-SODIUM * ENDOTHAL WEED KILLER * 3,6-ENDOXOHEXAHYDROPHTHALIC ACID DISODIUM SALT * (3,6-EPOSSI-CICLOESAN-1,2-DICARBOSSILATO) DISODICO (Italian) * 3,6-EPOXY-CYCLOHEXANE-1,2-CARBOXYLATE DISODIQUE (French) * HERBICIDE 273 * HYDOUT * HYDROTHOL * NIAGRATHAL * RCRA WASTE NUMBER P088 * RIPENTHOL * TRI-ENDOTHAL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:51 mg/kg GUCHAZ 6,248,73
skn-rat LD50:750 mg/kg PHJOAV 185,361,60
ivn-dog LDLo:5 mg/kg FEPRA7 11,349,52
3F15M14R10 skn-rbt LD50:100 mg/kg AFDOAQ 16,3,52
ivn-rbt LDLo:5 mg/kg FEPRA7 11,349,52
orl-gpg LDLo:250 mg/kg HYSAAV 31,225,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RN8575000 7-OXABICYCLO(2.2.1)HEPTANE-2,3-DICARBOXYLIC ANHYDRIDE, 2,3-DIMETHYL-
UPDT:8401 CAS: 56-25-7 MW: 196.22 MOLFM: C10-H12-O4
SYN: CAN * CANTHARIDES CAMPHOR * CANTHARIDIN * CANTHARIDINE * CANTHARONE * exo-1,2-cis-DIMETHYL-3,6-EPOXYHEXAHYDROPHTHALIC ANHYDRIDE * 2,3-DIMETHYL-7-OXABICYCLO(2.2.1)HEPTANE-2,3-DICARBOXYLIC ANHYDRIDE * HEXAHYDRO-3a,7a-DIMETHYL-4,7-EPOXYISOBENZOFURAN-1,3-DIONE
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:25 mg/kg/14W-I BJCAAI 9,177,55
2V03R60 skn-mus TD :70 mg/kg/52W-I CNREA8 32,1463,72
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:428 ug/kg 34ZIAG -,646,69
* scu-rbt LDLo:100 mg/kg 85ESA3 9,222,76
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 10,79,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RN8640000 7-OXABICYCLO(4.1.0)HEPTANE, 3-(EPOXYETHYL)-
UPDT:8412 CAS: 106-87-6 MW: 140.20 MOLFM: C8-H12-O2
SYN: CHISSONOX 206 * EP-206 * 1,2-EPOXY-4-(EPOXYETHYL)CYCLOHEXANE * 1-EPOXYETHYL-3,4-EPOXYCYCLOHEXANE * 3-(EPOXYETHYL)-7-OXABICYCLO(4.1.0)HEPTANE * 3-(1,2-EPOXYETHYL)-7-OXABICYCLO(4.1.0)HEPTANE * 4-(1,2-EPOXYETHYL)-7-OXABICYCLO(4.1.0)HEPTANE * 4-(EPOXYETHYL)-7-OXABICYCLO(4.1.0)HEPTANE * ERLA-2270 * ERLA-2271 * 1-ETHYLENEOXY-3,4-EPOXYCYCLOHEXANE * NCI-C60139 * 3-OXIRANYL-7-OXABICYCLO(4.1.0)HEPTENE * UCET TEXTILE FINISH 11-74 (OBS.) * UNOX EPOXIDE 206 * VINYL CYCLOHEXENE DIEPOXIDE * 4-VINYLCYCLOHEXENE DIEPOXIDE * 4-VINYL-1-CYCLOHEXENE DIEPOXIDE * 4-VINYL-1,2-CYCLOHEXENE DIEPOXIDE * 1-VINYL-3-CYCLOHEXENE DIOXIDE * 4-VINLYCYCLOHEXENE DIOXIDE * 4-VINYL-1-CYCLOHEXENE DIOXIDE * VINYL CYCLOHEXENE DIOXIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 545 mg open MLD UCDS** 9/19/72
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate MUREAV 66,367,79
mma-sat 50 ug/plate MUREAV 66,367,79
mmo-klp 1 mmol/L MUREAV 89,269,81
mmo-smc 25 mmol/L BSIBAC 56,1803,80
mrc-smc 25 mmol/L BSIBAC 56,1803,80
cyt-rat-ipr 1250 ug/kg BJPCAL 6,235,51
TUMORIGENIC DATA AND REFERENCES:
3V03J60V10 ipr-rat TDLo:5000 mg/kg/10W-I BJPCAL 6,235,51
3V01R60V10 skn-mus TDLo:56 gm/kg/47W-I JNCIAM 31,41,63
3V03P62R60 unk-mus TDLo:2800 mg/kg RARSAM 3,193,63
3V03R60V10 skn-mus TD :90 gm/kg/74W-I AIHAAP 24,305,63
3V03J60R60 skn-mus TD :12 gm/kg/9W-I BJPCAL 6,235,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2130 mg/kg SCCUR* -,9,61
ihl-rat LC50:800 ppm/4H SCCUR* -,9,61
skn-rbt LD50:620 mg/kg UCDS** 8/29/75
2J16J30 unk-rbt LD50:680 ug/kg BSIBAC 56,1803,80
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 11,141,76
★ TLV-TWA 10 ppm (skin) DTLVS* 4,431,80
★ TLV-SUSPECTED CARCINOGEN DTLVS* 4,431,80
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

7-OXABICYCLO(4.1.0)HEPTANE, 4-(1,2-EPOXY-1-METHYLETHYL)-1-METHYL- see: OS9100000

RN8763000 7-OXABICYCLO(4.1.0)HEPTANE-2-PROPIONIC ACID, alpha-(2-AMINOPROPIONAMIDO)-5-OXO-, stereoisomer
UPDT:8403 CAS: 29393-20-2 MW: 270.32 MOLFM: C12-H18-N2-O5
SYN: N-L-ALANYL-3-(5-OXO-7-OXABICYCLO(4.1.0)HEPT-2-YL)-L-ALANINE * alpha-((2-AMINO-1-OXOPROPYL)AMINO)-5-OXO-7-OXABICYCLO(4.1.0)HEPTANE-2-PROPANOIC ACID * alpha-(2-AMINOPROPIONAMIDO)-5-OXO-7-OXABICYCLO(4.1.0)HEPTANE-2-PROPIONIC ACID * ANTIBIOTIC KM 208 * BACILLIN * BACILYSIN * KM-208 * TETAINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:450 mg/kg 85GDA2 4(1),221,80

RN8780000 7-OXABICYCLO(4.1.0)HEPT-2-ENE
UPDT:8309 MW: 96.14 MOLFM: C6-H8-O
SYN: CYCLOHEXA-1,3-DIENE OXIDE * CYCLOHEXENE-3,4-EPOXIDE * 3,4-EPOXY CYCLOHEXENE
MUTATION DATA AND REFERENCES:
mmo-sat 3350 ug/plate MUREAV 81,11,81
mmo-smc 2500 umol/L MUREAV 117,213,83
mma-smc 2500 umol/L MUREAV 117,213,83
mrc-smc 2500 umol/L MUREAV 117,213,83

RN8950000 6-OXABICYCLO(3.1.0)HEXANE-2-CARBOXYLIC ACID, 3-BROMO-3-(BROMOMETHYL)-1,5-DIEMTHYL-4-OXO- METHYL ESTER
UPDT:8307 MW: 356.04 MOLFM: C10-H12-Br2-O4
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:25 mg/kg JANTAJ 27,400,74

RN8970000 6-OXABICYCLO(3.1.0)HEXANE-2-CARBOXYLIC ACID, 1,5-DIMETHYL-3-METHYLENE-4-OXO-, (1-alpha,2- alpha,5-alpha- (+)
UPDT:8405 CAS: 52775-76-5 MW: 182.19 MOLFM: C9-H10-O4
SYN: METHYLENOMYCIN A
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1500 mg/kg 85ERAY 2,1267,78
ipr-mus LD50:75 mg/kg JANTAJ 27,400,74
* ivn-mus LD50:156 mg/kg 85GDA2 6,45,81

RN9100000 6-OXABICYCLO(3.1.0)HEXANE, 2,2'-OXYBIS-
UPDT:8401 CAS: 2386-90-5 MW: 182.24 MOLFM: C10-H14-O3
SYN: BIS(2,3-EPOXYCYCLOPENTYL) ETHER * EP-205 * ERR 4205 * ETHER, BIS(2,3-EPOXYCYCLOPENTYL)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 12/13/63
TUMORIGENIC DATA AND REFERENCES:
2V01R60 skn-mus TDLo:156 gm/kg/2Y-I NTIS** ORNL-5375
3V02L60T63 skn-mus TD :312 gm/kg/2Y-I CNREA8 39,1718,79
2V03R60 skn-mus TD :395 gm/kg/132W-I NTIS** ORNL-5762
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2140 mg/kg AIHAAP 23,95,62
skn-mus LDLo:2000 mg/kg NTIS** ORNL-5375
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RN9110000 6-OXABICYCLO(3.1.0)HEXANE, 2,2'-OXYBIS- mixed with 2,2-BIS(p-(2,3-EPOXYPROPOXY)PHENYL) PROPANE (1:1)
UPDT:8303
SYN: ARALDITE 6010 mixed with ERR 4205 (1:1) * BIS(2,3-EPOXYCYCLOPENTYL) ETHER mixed with DIGLYCIDYL ETHER of BISPHENOL A (1:1) * 2,2-BIS(p-(2,3-EPOXYPROPOXY)PHENYL)PROPANE mixed with 2,2'-OXYBIS(6-OXABICYCLO(3.1.0)HEXANE) * DIGLYCIDYL ETHER of BISPHENOL A mixed with BIS(2,3-EPOXYCYCLOPENTYL) ETHER (1:1) * EPI-REZ 508 mixed with ERR 4205 (1:1) * EPON 828 mixed with ERR 4205 (1:1) * ERR 4205 mixed with ARALDITE 6010 (1:1) * ERR 4205 mixed with EPI-REZ 508 (1:1) * ERR 4205 mixed with EPON 828 (1:1) * 2,2'-OXYBIS(6-OXABICYCLO(3.1.0)HEXANE) mixed with 2,2-BIS(p-(2,3-EPOXYPROPOXY)PHENYL)PROPANE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:72 gm/kg/2Y-I NTIS** ORNL-5762
2V03R60 skn-mus TD :142 gm/kg/2Y-I NTIS** ORNL-5762
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-OXABICYCLO(2.2.2)OCTANE, 1,3,3-TRIMETHYL- see: OS9275000
OXACILLIN see: XH9000000
OXACILLIN SODIUM see: XH9100000
OXACILLIN SODIUM SALT see: XH9100000

RN9700000 1-OXACYCLOBUTAN-2-ONE, 4-ETHYL-3-ISOPROPYL-4-METHYL-
UPDT:8407 CAS: 69928-30-9 MW: 156.25 MOLFM: C9-H16-O2
SYN: HEXANE-4-CARBOXYLIC ACID, 3,5-DIMETHYL-3-HYDROXY-, beta-LACTONE
IRRITATION DATA AND REFERENCES:
eye-rbt 20 mg open SEV AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2700 mg/kg AMIHBC 10,61,54

RN9730000 OXACYCLOHEPTADECAN-2-ONE
UPDT:8305 CAS: 109-29-5 MW: 254.46 MOLFM: C16-H30-O2
SYN: CYCLOHEXADECANOLIDE * DIHYDROAMBRETTOLIDE * 1,16-HEXADECANOLACTONE * HEXADECANOLIDE * 16-HYDROXYHEXADECANOIC ACID LACTONE * JUNIPERIC ACID LACTONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 13,452,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OXACYCLOPENTADIENE see: LT8524000
OXACYCLOPENTANE see: LU5950000
15-OXA-3-(CYCLOPENTYLOXY)-1,3,5(10)-ESTRATRIEN-17-ONE see: RO1020000
OXACYCLUPROPANE see: KX2450000

RO0205000 2H-OXACYCLOTETRADEC(2,3-d)ISOINDOLE-2,18(5H)-DIONE, 16-BENZYL-6,7,8,9,10,12a,13,14,15,15a, 16,17-DODECAHYDRO-5,13-DIHYDROXY-9,15-DIMETHYL-14-METHYLENE-, (E)-(5S,9R,12aS,13S,15S,15aS, 16aS,18aS)-
UPDT:8312 CAS: 14930-96-2 MW: 479.67 MOLFM: C29-H37-N-O5
SYN: CYTOCHALASIN B * PHOMIN
MUTATION DATA AND REFERENCES:
dni-hmn:hla 1 umol/L MUREAV 92,427,82
cyt-hmn:lym 6 mg/L JNCSAI 3,595,68
cyt-hmn:fbr 1 mg/L JCLBA3 89,194,81
cyt-hmn:oth 1 mg/L JNCIAM 52,653,74
cyt-mus:oth 1 mg/L JNCIAM 52,653,74
cyt-mus:emb 10 mg/L NATUAS 244,513,73
cyt-mus:mmr 1 mg/L ITCSAF 19,58,83
spm-mus:oth 5 mg/L JEEMAF 34,279,75
cyt-ham:emb 1 mg/L NATUAS 253,361,75
cyt-ckn:fbr 1 mg/L NATUAS 253,361,75
cyt-mam:bmr 1 gm/L TSITAQ 24,814,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T35T41 ipr-ham TDLo:5 mg/kg (8D preg) TJADAB 22,59,80
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:11 mg/kg TOXIA6 17,137,79

* ipr-mus LD50:30 mg/kg FEPRA7 38,438,79
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RO0206200 1-OXA-3,8-DIAZASPIRO(4.5)DECANE-2,4-DIONE, 8-(3-(2-CHLORO-10H-PHENOTHIAZIN-10-YL)PROPYL)- 3-METHYL-, MONOHYDROCHLORIDE
UPDT:8303 CAS: 26733-76-6 MW: 494.47 MOLFM: C23-H24-Cl-N3-O3-S Cl-H
TOXICITY DATA AND REFERENCES:
3F07F21F40 orl-mus LD50:2000 mg/kg CPBTAL 24,1179,76

RO0238000 1-OXA-3,8-DIAZASPIRO(4.5)DECAN-2-ONE, 8-(2,6-DIAMINO-4-PYRIMIDINYL)-, 1'-OXIDE, HYDROCHLORIDE, HYDRATE
UPDT:8303 MW: 334.81 MOLFM: C11-H16-N6-O3 Cl-H H2-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:729 mg/kg BCFAAI 121,16,82

RO0375000 1-OXA-3,8-DIAZASPIRO(4.5)DECAN-2-ONE, 8-PHENETHYL-, MONOHYDROCHLORIDE
UPDT:8403 CAS: 5053-08-7 MW: 296.83 MOLFM: C15-H20-N2-O2 Cl-H
SYN: CHLORHYDRATE de PHENETHYL-8-OXA-1-DIAZA-3,8-SPIRO(4,5)DECANONE-2 (French) * DECASPIRIDE HYDROCHLORIDE * ESPIRAN * 8-N-FENETIL-1-OXA-2-OXO-3,8-DIAZASPIRO-(4,5)-DECANO CLORIDRATO (Italian) * FENSPIRIDE * FENSPIRIDE HYDROCHLORIDE * JP 428 HYDROCHLORIDE * NAT-333 HYDROCHLORIDE * NDR-5998A HYDROCHLORIDE * 8-(2-PHENYLETHYL)-1-OXA-3,8-DIAZASPIRO(4.5)DECAN-2-ONE HYDROCHLORIDE * PHENETHYL-8-OXA-1-DIAZA-3,8-SPIRO(4,5)DECANONE-2-HYDROCHLORIDE * PNEUMOREL * RESPIRIDE * TEGENCIA HYDROCHLORIDE * VIARESPAN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:437 mg/kg ARZNAD 19,1263,69
3F07F17J25 ivn-rat LD50:122 mg/kg AIPTAK 193,111,71
3F07F17J25 orl-mus LD50:250 mg/kg AIPTAK 193,111,71
ipr-mus LD50:230 mg/kg ARZNAD 19,1263,69
* ivn-mus LD50:106 mg/kg MEIEDD 10,575,83
3F07F19F43 ivn-dog LD50:74 mg/kg BCFAAI 117,343,78
3F07F17J25 orl-gpg LD50:260 mg/kg AIPTAK 193,111,71
3F07F17J25 ipr-gpg LD50:210 mg/kg AIPTAK 193,111,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

6H-1,2,4-OXADIAZINE, 5-ACETAMIDO-3-(5-NITRO-2-FURYL)- see: AC6492000
1,2,4-OXADIAZOL-5-AMINE, 3-(2-(5-NITRO-2-FURANYL)ETHENYL)-, (E)- (9CI) see: RO0610000

RO0600000 1,3,4-OXADIAZOLE, 2-AMINO-5-(5-NITRO-2-FURYL)-
UPDT:8401 CAS: 3775-55-1 MW: 223.19 MOLFM: C8-H7-N4-O4
SYN: 2-AMINO-5-(5-NITRO-2-FURYL)-1,3,4-OXADIAZOLE
TUMORIGENIC DATA AND REFERENCES:
3V01K60R60 orl-rat TDLo:20 gm/kg/46W-C JNCIAM 54,841,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CCSUDL 4,171,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RO0610000 1,2,4-OXADIAZOLE, 5-AMINO-3-(2-(5-NITRO-2-FURYL)VINYL,- (E)-
UPDT:8309 CAS: 28754-68-9 MW: 222.18 MOLFM: C8-H6-N4-O4
SYN: trans-5-AMINO-3-(2-(5-NITRO-2-FURYL)-VINYL)-1,2,4-OXADIAZOLE * 1,2,4-OXADIAZOL-5-AMINE, 3-(2-(5-NITRO-2-FURANYL)ETHENYL)-, (E)- (9CI) * SQ18506
MUTATION DATA AND REFERENCES:
mmo-nsc 20 umol/L MUREAV 56,13,77
otr-rat:emb 1 mg/L JTEHD6 1,323,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

RO0685000 1,2,4-OXADIAZOLE, 5-((2-(DIBUTYLAMINO)ETHYL)AMINO)-3-PHENYL-, HYDROCHLORIDE
UPDT:8406 CAS: 56974-46-0 MW: 352.96 MOLFM: C18-H28-N4-O Cl-H
SYN: ADREVIL * BUTALAMINE HYDROCHLORIDE * 5-((2-(DIBUTYLAMINO) ETHYL)AMINO)-3-PHENYL-1,2,4-OXADIAZOLE HYDROCHLORIDE * N,N-DIBUTYL-N'-(3-PHENYL-1,2,4-OXADIAZOL-5-YL)-1,2-ETHANEDIAMINE HYDROCHLORIDE * HEMOTROPE * LA 1221 * 3-PHENYL-5-(DIBUTYLAMINOETHYLAMINO)-1,2,4-OXADIAZOLE HYDROCHLORIDE * SUREM * SURHEME
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1600 mg/kg THERAP 24,745,69
* orl-mus LD50:625 mg/kg THERAP 24,745,69
* scu-mus LD50:2500 mg/kg THERAP 24,745,69
* ivn-mus LD50:43 mg/kg THERAP 24,745,69

RO0689000 1,2,4-OXADIAZOLE, 5-(2-(DIETHYLAMINO)ETHYL)-3-(alpha-ETHYLBENZYL)-, CITRATE
UPDT:8403 CAS: 132-35-4 MW: 479.59 MOLFM: C17-H25-N3-O C6-H8-O7
SYN: AERBRON * AF-634 * 5-(2-(DIETHYLAMINO)ETHYL)-3-(alpha-ETHYLBENZYL)-1,2,4-OXADIAZOLE CITRATE * 5-(2-(DIETHYLAMINO)ETHYL)-3-(alpha-PHENYLPROPYL)-1,2,4-OXADIAZOLE CITRATE * N,N-DIETHYL-3-(1-PHENYLPROPYL)-1,2,4-OXADIAZOLE-5-ETHANAMINE CITRATE * FLOU * 1,2,4-OXADIAZOLE-5-ETHANAMINE, N,N-DIETHYL-3-(1-PHENYLPROPYL)-, CITRATE * PIRECIN * PROPAXOLIN CITRATE * PROPAXOLINE CITRATE * PROXAZOLE CITRATE * SOLACIL * TONESS
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1400 mg/kg ARZNAD 13,798,63
ipr-rat LD50:390 mg/kg ARZNAD 13,798,63
orl-mus LD50:1270 mg/kg ARZNAD 13,798,63
ipr-mus LD50:390 mg/kg ARZNAD 13,798,63
scu-mus LD50:720 mg/kg ARZNAD 13,798,63
ivn-mus LD50:68 mg/kg ARZNAD 13,798,63

RO0720000 1,2,4-OXADIAZOLE, 5-(2-(DIETHYLAMINO)ETHYL)-3-PHENYL-, CITRATE
UPDT:8401 MW: 437.50 MOLFM: C14-H19-N3-O C6-H8-O7
SYN: OXOLAMINE CITRATE * 5-beta-DIETHYLAMINOETHYL-3-PHENYL-1,2,4-OXADIAZOLE CITRATE * 3-PHENYL-5-(beta-(DIETHYLAMINO)ETHYL)-1,2,4-OXADIAZOLE CITRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T46 scu-mus TDLo:120 mg/kg (9-11D preg) ARZNAD 17,781,67
TUMORIGENIC DATA AND REFERENCES:
2V01M61 orl-rat TDLo:15 gm/kg/1Y-I EMPSAL 2,1,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RO0800000 1,3,4-OXADIAZOLE, 2-((DIMETHYLAMINO)METHYLIMINO)-5-(2-(5-NITRO-2-FURYL)VINYL)-, (E)-
UPDT:8401 CAS: 55738-54-0 MW: 277.27 MOLFM: C11-H11-N5-O4
SYN: trans-2-((DIMETHYLAMINO)METHYLIMINO)-5-(2-(5-NITRO-2-FURYL)VINYL)-1,3,4-OXADIAZOLE
MUTATION DATA AND REFERENCES:
mma-sat 100 ng/plate MUREAV 40,9,76
TUMORIGENIC DATA AND REFERENCES:
3V01M61R60 orl-rat TDLo:42 gm/kg/46W-I JNCIAM 51,403,73
3V01K60R60 orl-rat TD :42 gm/kg/46W-C JNCIAM 54,841,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CCSUDL 4,171,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 7,147,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,2,4-OXADIAZOLE-5-ETHANAMINE, N,N-DIETHYL-3-(1-PHENYLPROPYL)-, CITRATE see: RO0689000
1,3,4-OXADIAZOLE, 2-(o-HYDROXYPHENYL)- see: SM5850000

RO0811200 1,3,4-OXADIAZOLE-2-OL, 5-(5-NITRO-2-FURYL)-
UPDT:8401 CAS: 2122-86-3 MW: 197.12 MOLFM: C6-H3-N3-O5
TUMORIGENIC DATA AND REFERENCES:
2V02R60 orl-rat TDLo:12 gm/kg/46W-C JNCIAM 54,841,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RO0811300 1,3,4-OXADIAZOLE, 2-PHENYL-
UPDT:8406 CAS: 825-56-9 MW: 146.16 MOLFM: C8-H6-N2-O
SYN: 2-FENIL-1,3,4-OSSADIAZOLO (Italian) * 2-PHENYL-1,3,4-OXADIAZOLE
TOXICITY DATA AND REFERENCES:
2F02F07 orl-rat LD50:440 mg/kg AIPTAK 121,443,59
3F05F17F18 ipr-mus LD50:387 mg/kg FRPSAX 13,629,58
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RO0835000 1,2,4-OXADIAZOLIDINE-3,5-DIONE, 2-(3,4-DICHLOROPHENYL)-4-METHYL-
UPDT:8309 CAS: 20354-26-1 MW: 261.07 MOLFM: C9-H6-Cl2-N2-O3
SYN: BIOXONE * 2-(3,4-DICHLOROPHENYL)-4-METHYL-1,2,4-OXADIAZOLIDINE-3,5-DIONE * METHAZOLE * OXYDIAZOL * PAXILON * PROBE * TUNIC * VCS 438
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2501 mg/kg FMCHA2 -,C195,83
STATUS:
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0981-0409

RO0874400 delta(sup 2)-1,3,4-OXADIAZOLIN-5-ONE, 2-METHOXY-4-(o-METHOXYPHENYL)-
UPDT:8401 CAS: 60589-06-2 MW: 222.22 MOLFM: C10-H10-N2-O4
SYN: METHOXY-2(METHOXY-2 PHENYL)-4 OXADIAZOLINE-1,3,4 ONE-5 (French) * 2-METHOXY-4-(o-METHOXYPHENYL)-delta(sup 2)-1,3,4-OXADIAZOLIN-5-ONE * 1,3,4-OXADIAZOL-2(3H)-ONE, 5-METHOXY-3-(2-METHOXYPHENYL)- * 32861 R.P.
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:220 mg/kg PHPHA6 29,199,80
* orl-mus LD50:75 mg/kg PHPHA6 29,199,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RO0875000 delta(sup 2)-1,3,4-OXADIAZOLIN-5-ONE, 2-(2-(5-NITRO-2-FURYL)VINYL)-
UPDT:8305 CAS: 836-52-2 MW: 175.16 MOLFM: C8-H5-N3-O2
SYN: NF 44 * 2-(2-(5-NITRO-2-FURYL)VINYL)-delta(sup 2)-1,3,4-OXADIAZOLINE-5-ONE * 5-(5-NITRO-2-FURYLVINYL)-1,3,4-OXADIAZOLINE-2-ONE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:440 mg/kg BCPCA6 16,587,67

1,3,4-OXADIAZOL-2(3H)-ONE, 5-METHOXY-3-(2-METHOXYPHENYL)- see: RO0874400
2-(1,3,4-OXADIAZOL-2-YL)PHENOL see: SM5850000
8-OXA-3,5-DITHIA-4-STANNAHEPTADECANOIC ACID, 4,4-DIBUTYL-7-OXO-, NONYL ESTER (9CI) see: AG6050000

RO0955000 8-OXA-3,5-DITHIA-4-STANNATETRADECANOIC ACID, 10-ETHYL-4,4-DIOCTYL-7-OXO-, 2-ETHYLHEXYL ESTER
UPDT:8209 CAS: 15571-58-1 MW: 751.89 MOLFM: C36-H72-O4-S2-Sn
SYN: DI-n-OCTYLTIN BIS(2-ETHYLHEXYL) MERCAPTOACETATE * DI-n-OCTYLTIN-DITHIOGLYCOLIC ACID 2-ETHYLHEXYL ESTER * DI-n-OCTYLTIN-2-ETHYLHEXYL-DIMERCAPTOETHANOATE * OTS 11 * TIN, BIS(MERCAPTOACETATE)DIOCTYL-, BIS(2-ETHYLHEXYL) ESTER * TIN, DIOCTYL-, BIS(2-ETHYLHEXYLTHIOGLYCOLATE)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2100 mg/kg NAHRAR 13,343,69
orl-mus LD50:2010 mg/kg ATXKA8 26,196,70
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

(+-)-trans-9-OXAERGOLINE HYDROCHLORIDE see: NM2429160
15-OXAESTRADIOL see: RO1010000
15-OXA-1,3,5(10)-ESTRATRIENE-3,17-beta-DIOL see: RO1010000

RO1010000 15-OXAESTRA-1,3,5(10)-TRIENE-3,17-DIOL, (17-beta)-
UPDT:8401 CAS: 49849-01-6 MW: 274.39 MOLFM: C17-H22-O3
SYN: 15-OXAESTRADIOL * 15-OXA-1,3,5(10)-ESTRATRIENE-3,17-beta-DIOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-rat TDLo:1260 ng/kg (3D pre) JMCMAR 23,329,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RO1020000 15-OXAESTRA-1,3,5(10)-TRIEN-17-ONE, 3-(CYCLOPENTYLOXY)-
UPDT:8401 MW: 340.50 MOLFM: C22-H28-O3
SYN: 3-(CYCLOPENTYLOXY)-15-OXAESTRA-1,3,5(10)-TRIEN-17-ONE * 15-OXA-3-(CYCLOPENTYLOXY)-1,3,5(10)-ESTRATRIEN-17-ONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-rat TDLo:1155 ng/kg (3D pre) JMCMAR 23,329,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RO1030000 15-OXAESTRA-1,3,5(10)-TRIEN-17-ONE, 3-HYDROXY-
UPDT:8401 CAS: 40715-31-9 MW: 272.37 MOLFM: C17-H20-O3
SYN: 3-HYDROXY-15-OXAESTRA-1,3,5(10)-TRIEN-17-ONE * 15-OXAESTRONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-rat TDLo:1200 ng/kg (3D pre) JMCMAR 23,329,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

15-OXAESTRONE see: RO1030000
15-OXA-17-alpha-ETHYNYL-3-METHOXY-1,3,5(10)-ESTRATRIEN-17-beta-OL see: RP3380000
OXAF see: DL7000000
OXAFLOZANE see: QE6150000
OXAFLOZANE HYDROCHLORIDE see: QE5270000 MOPPHOLINE, 4-ISOPROPYL-2-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-, HYDROCHLORIDE
OXAFLOZANO (Spanish) see: QE6150000
OXAFLUMAZINE DISUCCINATE see: SO9400000
OXAFLUMINE see: SO9400000
OXAFURADENE see: NJ0875000
3-OXA-1-HEPTANOL see: KJ8575000
11-OXAHEXADECANOLIDE see: JG7521500
12-OXAHEXADECANOLIDE see: JG7521400
OXAINE see: AC3325000
8-OXA-9-KETOTRICYCLO(5.3.1.0(sup 2,6))UNDECANE see: RP5775000
OXAL see: MD2625000
OXALALDEHYDE see: MD2625000
OXALAMIDE see: RO4900000
OXALATE of 8-OXYQUINOLINE see: VC8238400
cis-OXALATODI(METHYLAMMINE)PLATINUM (II) see: TP2246000

RO2450000 OXALIC ACID
UPDT:8408 CAS: 144-62-7 MW: 90.04 MOLFM: C2-H2-O4
SYN: ACIDE OXALIQUE (French) * ACIDO OSSALICO (Italian) * ETHANEDIOIC ACID * ETHANEDIONIC ACID * KYSELINA STAVELOVA (Czech) * NCI-C55209 * OXAALZUUR (Dutch) * OXALSAEURE (German)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,50,72

eye-rbt 250 ug/24H SEV 28ZPAK -,50,72
eye-rbt 100 mg/4S rns SEV FCTOD7 20,573,82

TOXICITY DATA AND REFERENCES:
orl-rat LD50:375 mg/kg TXAPA9 42,417,77
orl-dog LDLo:1000 mg/kg HBAMAK 4,1377,35
scu-cat LDLo:112 mg/kg HBAMAK 4,1377,35
skn-rbt LD50:20 gm/kg TXAPA9 42,417,77
scu-frg LDLo:757 mg/kg HBAMAK 4,1377,35

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FNSCA6 2,67,73
★ TLV-TWA 1 mg/m3; STEL 2 mg/m3 DTLVS* 4,315,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg/m3 (SCP-L) FEREAC 39,23540,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RO2670000 OXALIC ACID, COPPER(2+) SALT (1:1)
CAS: 814-91-5 MW: 153.58 MOLFM: C2-H2-O4 Cu
SYN: COPPER(II) OXALATE * COPPER OXALATE * CUPRIC OXALATE * CUPRIC OXALATE (DOT) * NA 2449 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OXALIC ACID DIAMIDE see: RO4900000

RO2750000 OXALIC ACID, DIAMMONIUM SALT
CAS: 1113-38-8 MW: 124.12 MOLFM: C2-H2-O4 2H3-N
SYN: AMMONIUM OXALATE * AMMONIUM OXALATE (DOT) * ETHANEDIOIC ACID DIAMMONIUM SALT * NA 2449 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RO2800000 OXALIC ACID, DIETHYL ESTER
UPDT:8312 CAS: 95-92-1 MW: 146.16 MOLFM: C6-H10-O4
SYN: DIETHYL ETHANEDIOATE * DIETHYL OXALATE * ETHYL OXALATE * ETHYL OXALATE (DOT) * UN 2525 (DOT)

TOXICITY DATA AND REFERENCES:
orl-rat LD50:400 mg/kg 14CYAT 2,1882,63
2F07F25 orl-mus LD50:2000 mg/kg GISAAA 46(5),87,81

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OXALIC ACID DINITRILE see: GT1925000

RO2885000 OXALIC ACID, DIPOTASSIUM SALT
UPDT:8411 CAS: 583-52-8 MW: 168.24 MOLFM: C2-H2-O4 2K
SYN: DIPOTASSIUM OXALATE * ETHANEDIOIC ACID, DIPOTASSIUM SALT (9CI) * POTASSIUM NEUTRAL OXALATE * POTASSIUM OXALATE

TOXICITY DATA AND REFERENCES:
3G04H08K30 orl-wmn LDLo:1 gm/kg MLDCAS 4,178,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OXALIC ACID DISILVER SALT see: RO2900000

RO2900000 OXALIC ACID, DISILVER(1+) SALT
UPDT:8308 CAS: 533-51-7 MW: 303.78 MOLFM: C2-H2-O4 2Ag
SYN: DISILVER OXALATE * ETHANEDIOIC ACID, DISILVER(1+) SALT * OXALIC ACID DISILVER SALT * OXALIC ACID SILVER SALT (1:2) * SILVER OXALATE, dry (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

OXALIC ACID, DISODIUM SALT see: KI1750000

RO3600000 OXALIC ACID, MONOPOTASSIUM SALT
UPDT:8411 CAS: 127-95-7 MW: 128.13 MOLFM: C2-H-O4 K
SYN: KLEESALZ (German) * POTASSIUM HYDROGEN OXALATE * POTASSIUM SALT OF SORREL * SORREL SALT

TOXICITY DATA AND REFERENCES:
3F07H02M11 orl-wmn TDLo:100 mg/kg MMWOAU 79,1481,32
orl-wmn LDLo:660 mg/kg MMWOAU 79,1481,32
3F16H01K13 orl-wmn TDLo:400 mg/kg MMWOAU 79,1481,32
3F01K03K13 ivn-man TDLo:1071 mg/kg MLDCAS 4,178,71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OXALIC ACID SILVER SALT (1:2) see: RO2900000
OXALIC ACID, TIN(2+) SALT (1:1) (8CI) see: XQ3950000
OXALID see: UQ8400000

RO4100000 OXALIS CARNICULATA Linn., extract
DEF:Indian plant belonging to the family OXALIDACEAE (IJEBA6 16,228,78)
UPDT:8412

TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

OXALONITRILE see: GT1925000
OXALSAEURE (German) see: RO2450000
OXALYL-o-AMINOAZOTOLUENE see: RP3375000
4'-OXALYLAMINO-2,3'-DIMETHYLAZOBENZENE see: RP3375000
(OXALYLBIS(IMINOETHYLENE))BIS((o-CHLOROBENZYL)DIETHYLAMMONIUM) DICHLORIDE see: BR9[illegible]000
OXALYLBIS(IMINOETHYLENE)BIS(TRIETHYLAMMONIUM IODIDE) see: BR9808300
OXALYLBIS(IMINOETHYLENE)BIS(TRIMETHYLAMMONIUM IODIDE) see: BR9808400
OXALYL CYANIDE see: GT1925000

RO4375000 7-OXA-8-MERCURABICYCLO(4.2.0)OCTA-1,3,5-TRIENE, 5-METHYL-2-NITRO-
UPDT:8405 CAS: 133-58-4 MW: 351.72 MOLFM: C7-H5-Hg-N-O3
SYN: MERCURY, (2-METHYL-5-NITROPHENOLATO(2-)-C(sup 6),O(sup 1))- (9CI) * METAPHEN * 5-METHYL-2-NITRO-7-OXA-8-MERCURABICYCLO(4.2.0)OCTA-1,3,5-TRIENE * 4-NITRO-5-HYDROXYMERCURIORTHOCRESOL * NITROMERSOL * NITROMERSOL SOLUTION

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:3 mg/kg JAPMA8 38,270,49

OXAMETACIN see: NL3668500
OXAMETHACIN see: NL3668500
OXAMICETIN see: CV2309000
OXAMICINA (Italian) see: NY2975000
(+-)-OXAMICINA (Italian) see: NY2974900
D-OXAMICINA (Italian) see: NY2975000
L-OXAMICINA (Italian) see: NY2976000
OXAMID (Czech) see: RO4900000

RO4900000 OXAMIDE
UPDT:8305 CAS: 471-46-5 MW: 88.08 MOLFM: C2-H4-N2-O2
SYN: AMID KYSELINY STAVELOVE (Czech) * ETHANEDIAMIDE * FORMIMIDIC ACID, 1-CARBAMOYL- * OXALAMIDE * OXALIC ACID DIAMIDE * OXAMID (Czech) * OXAMIMIDIC ACID

IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV 28ZPAK -,53,72

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:447 mg/kg GISAAA 47(7),78,82
* orl-mus LD50:235 mg/kg GISAAA 47(7),78,82
ipr-mus LDLo:128 mg/kg CBCCT* 3,127,51

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RO5300000 OXAMIDE, N,N'-BIS(2-(1-AZIRIDINYL)ETHYL)-
UPDT:8305 MW: 226.32 MOLFM: C10-H18-N4-O2
SYN: N,N'-BIS(2-(1-AZIRIDINYL)ETHYL)OXAMIDE * N,N'-DI-(beta-ETHYLENEIMINO-ETHYL)OXAMIDE

MUTATION DATA AND REFERENCES:
oms-rat-ipr 10 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 10 mg/kg BJPCAL 6,357,51

RO7100000 OXAMIDE, N,N'-DIPICRYL-
UPDT:8308 CAS: 29135-62-4 MW: 510.28 MOLFM: C14-H6-N8-O14
SYN: DIPICRYLOXAMIDE * 2,2',4,4',6,6'-HEXANITROOXANILIDE * HEXANITROOXAANILIDE (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OXAMIMIDIC ACID see: RO4900000

RP2300000 OXAMIMIDIC ACID, N',N'-DIMETHYL-N-((METHYLCARBAMOYL)OXY)-1-METHYLTHIO-
UPDT:8411 CAS: 23135-22-0 MW: 219.29 MOLFM: C7-H13-N3-O3-S
SYN: D-1410 * 2-(DIMETHYLAMINO)-N-(((METHYLAMINO)CARBONYL)OXY)-2-OXOETHANIMIDOTHIOIC ACID METHYL ESTER * 2-DIMETHYLAMINO-1-(METHYLTHIO)GLYOXAL O-METHYLCARBAMOYLMONOXIME * N,N-DIMETHYL-alpha-METHYLCARBAMOYLOXYIMINO-alpha-(METHYLTHIO)ACETAMIDE * N',N'-DIMETHYL-N-((METHYLCARBAMOYL)OXY)-1-THIOOXAMIMIDIC ACID METHYL ESTER * DPX 1410 * INSECTICIDE-NEMATICIDE 1410 * METHYL 2-(DIMETHYLAMINO)-N-(((METHYLAMINO)CARBONYL)OXY)-2-OXOETHANIMIDOTHIOATE * METHYL 1-(DIMETHYLCARBAMOYL)-N-(METHYLCARBAMOYLOXY)THIOFORMIMIDATE * S-METHYL 1-(DIMETHYLCARBAMOYL)-N-((METHYLCARBAMOYL)OXY)THIOFORMIMIDATE * METHYL N',N'-DIMETHYL-N-((METHYLCARBAMOYL)OXY)-1-THIOOXAMIMIDATE * OXAMYL * THIOXAMYL * VYDATE * VYDATE L INSECTICIDE/NEMATICIDE * VYDATE L OXAMYL INSECTICIDE/NEMATOCIDE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5 mg/kg JAFCAU 26,550,78
ihl-rat LC50:170 mg/m3/1H 85DPAN -,-,71/76
skn-rbt LD50:740 mg/kg SPEADM 78-1,61,78
orl-qal LD50:4180 ug/kg 85DPAN -,-,71/76
3F05F07F33 orl-dck LD50:2600 ug/kg ETOCDK 1,157,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OXAMIZIL see: BR9808000
OXAMMONIUM see: NC2975000
OXAMMONIUM HYDROCHLORIDE see: NC3675000
OXAMMONIUM SULFATE see: NC5425000
OXAMNIQUINE see: VC0340000
OXAMYCETIN see: CV2309000
OXAMYCIN see: NY2975000
D-OXAMYCIN see: NY2975000
OXAMYL see: RP2300000
OXAN 600 see: UE9480000
OXANAL YELLOW T see: UQ6400000
OXANAMIDE see: MN8050000
OXANDROLONE see: RN6800700
OXANE see: KX2450000

RP3375000 OXANILIC ACID, 2'-METHYL-4'-(o-TOLYLAZO)-
UPDT:8401 CAS: 63042-11-5 MW: 297.34 MOLFM: C16-H15-N3-O3
SYN: OXALYL-o-AMINOAZOTOLUENE * 4'-OXALYLAMINO-2,3'-DIMETHYLAZOBENZENE

TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:20 gm/kg/17W-C GANNA2 32,232,38

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RP3380000 15-OXA-19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YN-17-OL, 3-METHOXY-
UPDT:8401 MW: 312.44 MOLFM: C20-H24-O3
SYN: 3-METHOXY-15-OXA-19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN-20-YN-17-OL * 15-OXA-17-alpha-ETHYNYL-3-METHOXY-1,3,5(10)-ESTRATRIEN-17-beta-OL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-rat TDLo:2655 ng/kg (3D pre) JMCMAR 23,329,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OXANTHRENE see: HP3090000
OXANTIN see: UC1645000
N-(3-OXAPENTAMETHYLENE)-N',N''-DIETHYLENETHIOPHOSPHORAMIDE see: SZ2530000
3-OXAPENTANE-1,5-DIOL see: ID5950000
3-OXA-1,5-PENTANEDIOL see: ID5950000
5-OXA-PGD1 see: ET4300000

RP3450000 1,2-OXAPHOSPHOL-4-ENE, 2-METHOXY-3,3,5-TRIMETHYL-, 2-OXIDE
UPDT:8412 CAS: 4335-89-1 MW: 176.17 MOLFM: C7-H13-O3-P

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:680 mg/kg DANKAS 160,826,65

2H-1,3,2-OXAPHOSPHORIN-2-AMINE, N,N,3-TRIS(2-CHLOROETHYL)-TETRAHYDRO-, 2-OXIDE see: RP5880000
OXAPIUM IODIDE see: TN4750000

RP3475000 11-OXAPREGN-4-ENE-3,20-DIONE
UPDT:8402 CAS: 18882-77-4 MW: 316.48 MOLFM: C20-H28-O3
SYN: 11-OXAPROGESTERONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:300 mg/kg (1D pre) STEDAM 19,1,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

11-OXAPROGESTERONE see: RP3475000
5-OXA-PROSTAGLANDIN D1 see: ET4300000
7-OXA-13-PROSTYNOIC ACID see: MO8418000
OXARSANILIC ACID see: CY5075000

RP3675200 1-OXASPIRO(4.5)DEC-3-ENE-4-CARBOXYLIC ACID, 3-METHYL-2-OXO-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8311 MW: 345.91 MOLFM: C17-H27-N-O4 Cl-H
SYN: N-DIETHYLAMINO OXYCARBONYLE-3 SPIROLACTONE CHLORHYDRATE (French)

TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:3110 mg/kg APFRAD 40,465,82

RP3675250 1-OXASPIRO(4.5)DEC-3-ENE-4-CARBOXYLIC ACID, 3-METHYL-2-OXO-, 3-(DIMETHYLAMINO)PROPYL ESTER, HYDROCHLORIDE
UPDT:8311 MW: 331.88 MOLFM: C16-H25-N-O4 Cl-H
SYN: N-DIMETHYLAMINOPROPYL OXYCARBONYLE-3 SPIROLACTONE CHLORHYDRATE (French)

TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:1130 mg/kg APFRAD 40,465,82

RP3675300 1-OXASPIRO(4.5)DEC-3-ENE-4-CARBOXYLIC ACID, 3-METHYL-2-OXO-, 2-MORPHOLINOETHYL ESTER, HYDROCHLORIDE
UPDT:8311 MW: 359.89 MOLFM: C17-H25-N-O5 Cl-H

---

* TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

SYN: N-MORPHOLINOMETHYL OXYCARBONYLE-3 SPIROLACTONE CHLORHYDRATE (French)
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:3300 mg/kg APFRAD 40,465,82

RP3675350 1-OXASPIRO(4.5)DEC-3-ENE-4-CARBOXYLIC ACID, 3-METHYL-2-OXO-, 2-PIPERIDINOETHYL ESTER, HYDROCHLORIDE
UPDT:8311 MW: 357.92 MOLFM: C18-H27-N-O4 .Cl-H
SYN: N-PIPERIDINOMETHYL OXYCARBONYLE-3 SPIROLACTONE CHLORHYDRATE (French)
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:3320 mg/kg APFRAD 40,465,82

1-OXA-2-STANNA-3-THIACYCLOHEXAN-6-ONE, 2,2-DIBUTYL- see: RP4395000

OXASULFA see: WO9150000

RP3850000 6-OXA-3-THIABICYCLO(3.1.0)HEXANE 3,3-DIOXIDE
UPDT:8401 CAS: 4509-11-9 MW: 134.16 MOLFM: C4-H6-O3-S
SYN: 3,4-EPOXYSULFOLANE * 2,3-EPOXYTETRAMETHYLENE SULFONE * TETRAHYDRO-3,4-EPOXYTHIOPHENE 1,1-DIOXIDE * THIOPHENE, TETRAHYDRO-3,4-EPOXY-, 1,1-DIOXIDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:88 mg/kg/22W-I JNCIAM 46,143,71
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:5500 mg/kg RPTOAN 41,257,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OXATHIANE see: RP4200000

RP4200000 1,4-OXATHIANE
UPDT:8407 CAS: 15980-15-1 MW: 104.18 MOLFM: C4-H8-O-S
SYN: OXATHIANE * p-THIOXANE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
eye-rbt 20 mg open AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2830 mg/kg AMIHBC 4,119,51
ihl-rat LCLo:4000 ppm/4H JIHTAB 31,343,49

RP4300000 1,2-OXATHIANE, 2,2-DIOXIDE
UPDT:8406 CAS: 1633-83-6 MW: 136.18 MOLFM: C4-H8-O3-S
SYN: BUTANESULFONE * BUTANE SULTONE * delta-BUTANE SULTONE * 1,4-BUTANESULTONE * 1,4-BUTYLENE SULFONE * delta-VALEROSULTONE
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate JJIND8 62,893,79
mma-sat 100 uL/plate JJIND8 62,873,79
dnr-esc 10 uL/disc JJIND8 62,873,79
mrc-smc 1 pph JJIND8 62,901,79
mmo-ssp 331 mmol/L CBINA8 14,195,76
hma-mus/sat 138 mg/kg JJIND8 62,911,79
otr-ham:kdy 80 ug/L BJCAAI 37,873,78
otr-ham:emb 5 mg/L IJCNAW 19,642,77
TUMORIGENIC DATA AND REFERENCES:
3V03A60T63 orl-rat TDLo:1300 mg/kg/1Y-I ZEKBAI 75,69,70
2V03V10 scu-rat TDLo:2280 mg/kg/76W-I ZEKBAI 75,69,70
2V03V10 scu-mus TDLo:1680 mg/kg/42W-I JNCIAM 53,695,74
TOXICITY DATA AND REFERENCES:
orl-rat LD50:500 mg/kg ZEKBAI 75,69,70
scu-rat LD50:350 mg/kg ZEKBAI 75,69,70
ivn-rat LD50:270 mg/kg ZEKBAI 75,69,70
* ipr-mus LD50:138 mg/kg JJIND8 62,911,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RP4389350 1-OXA-4-THIASPIRO(4.5)DECANE-2-METHANOL, CARBAMATE
UPDT:8308 CAS: 24606-95-9 MW: 231.34 MOLFM: C10-H17-N-O3-S
SYN: CARBAMATE of 1-OXA-4-THIASPIRO(4.5)DECANE-2-METHANOL
TOXICITY DATA AND REFERENCES:
3C08F18J25 ipr-mus LD50:820 mg/kg PHARAT 31,317,76

RP4395000 6H-1,3,2-OXATHIASTANNIN-6-ONE, 2,2-DIBUTYLDIHYDRO-
UPDT:7908 CAS: 78-06-8 MW: 337.08 MOLFM: C11-H22-O2-S-Sn
SYN: 2,2-DIBUTYL-1-OXA-2-STANNA-3-THIACYCLOHEXAN-6-ONE * DIBUTYLTIN MERCAPTOPROPIONATE * DIBUTYLTIN S,O-3 MERCAPTOPROPIONATE * DIBUTYLTIN S,O-beta-MERCAPTOPROPIONATE * DIBUTYLTIN, O,S-MERCAPTOPROPIONATE * MERCAPTOPROPIONIC ACID, DIBUTYLTIN SALT * 1-OXA-2-STANNA-3-THIACYCLOHEXAN-6-ONE, 2,2-DIBUTYL- * TIN, DIBUTYL(3-MERCAPTOPROPIONATO(2-))-
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg CSLNX* NX#02852
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RP4400000 6H-1,3,2-OXATHIASTANNIN-6-ONE, DIHYDRO-2,2-DIOCTYL-
UPDT:7908 CAS: 3033-29-2 MW: 449.32 MOLFM: C19-H38-O2-S-Sn
SYN: DI-n-OCTYLTIN beta-MERCAPTOPROPIONATE * DI-n-OCTYL-ZINN beta-MERCAPTOPROPIONAT (German) * TIN, DIOCTYL-, beta-MERCAPTOPROPIONATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1850 mg/kg ARZNAD 19,934,69
ipr-rat LD50:6600 ug/kg TXAPA9 35,63,76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RP4410000 1,3,2-OXATHIASTANNOLANE, 2,2-DIBUTYL-
UPDT:7901 CAS: 27371-95-5 MW: 309.07 MOLFM: C10-H22-O-S-Sn
SYN: 2,2-DIBUTYL-1,3,2-OXATHIASTANNOLANE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#02078
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

RP4420000 1,3,2-OXATHIASTANNOLANE, 2,2-DIBUTYL-, 5-OXIDE
UPDT:7908 CAS: 78-20-6 MW: 323.05 MOLFM: C10-H20-O2-S-Sn
SYN: 2,2-DIBUTYL-1,3,2-OXATHIASTANNOLANE 5-OXIDE * DI-n-BUTYLZINN THIOGLYKOLAT (German) * STANNANE, DIBUTYL(THIOACETOXY)-
TOXICITY DATA AND REFERENCES:
orl-rat LD50:510 mg/kg TRIPA7 -,1,73
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RP4440000 1,3,2-OXATHIASTANNOLANE, 2,2-DIOCTYL-, 5-OXIDE
UPDT:7908 CAS: 15535-79-2 MW: 435.29 MOLFM: C18-H36-O2-S-Sn
SYN: 2,2-DIOCTYL-1,3,2-OXATHIASTANNOLANE, 5-OXIDE * DI-n-OCTYLTIN THIOGLYCOLATE * DI-n-OCTYL-ZINN THIOGLYKOLAT (German) * STANNANE, DIOCTYLTHIOACETOXY- * TIN, DIOCTYL-, THIOGLYCOLATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:945 mg/kg ARZNAD 19,934,69
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RP4500000 1,2-OXATHIETANE, 2,2-DIOXIDE
UPDT:8308 MW: 122.15 MOLFM: C3-H6-O3-S
SYN: 1,3-PROPANE SULFONE
MUTATION DATA AND REFERENCES:
mmo-sat 100 nmol/plate CBINA8 19,241,77
otr-hmn:oth 5 mg/L ITCSAF 17,719,81
hma-mus/sat 10 umol/kg CBINA8 19,241,77

RP4550000 1,4-OXATHIIN-3-CARBOXAMIDE, 5,6-DIHYDRO-2-METHYL-N-PHENYL-
UPDT:8309 CAS: 5234-68-4 MW: 235.32 MOLFM: C12-H13-N-O2-S
SYN: 5-CARBOXANILIDO-2,3-DIHYDRO-6-METHYL-1,4-OXATHIIN * CARBOXIN * CARBOXINE * D 735 * DCMO * 2,3-DIHYDRO-5-CARBOXANILIDO-6-METHYL-1,4-OXATHIIN * 2,3-DIHYDRO-6-METHYL-1,4-OXATHIIN-5-CARBOXANILIDE * 5,6-DIHYDRO-2-METHYL-1,4-OXATHIIN-3-CARBOXANILIDE * 5,6-DIHYDRO-2-METHYL-N-PHENYL-1,4-OXATHIIN-3-CARBOXAMIDE * F 735 * FLO PRO V SEED PROTECTANT * 1,4-OXATHIIN-3-CARBOXANILIDE, 5,6-DIHYDRO-2-METHYL- * 1,4-OXATHIIN, 2,3-DIHYDRO-5-CARBOXANILIDO-6-METHYL- * VITAVAX
TOXICITY DATA AND REFERENCES:
2F07F23 orl-rat LD50:430 mg/kg GTPZAB 23(2),55,79
* skn-rat LD50:1050 mg/kg GTPZAB 23(2),55,79
2F07F23 orl-mus LD50:3200 mg/kg GTPZAB 23(2),55,79
orl-ckn LD50:24 gm/kg VETNAL 54(6),85,78
unk-mam LD50:3200 mg/kg 30ZDA9 -,423,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,4-OXATHIIN-3-CARBOXANILIDE, 5,6-DIHYDRO-2-METHYL- see: RP4550000

RP4900000 1,4-OXATHIIN-3-CARBOXANILIDE, 5,6-DIHYDRO-2-METHYL-, 4,4-DIOXIDE
UPDT:8309 CAS: 5259-88-1 MW: 267.32 MOLFM: C12-H13-N-O4-S
SYN: DCMOD * 2,3-DIHYDRO-5-CARBOXANILIDO-6-METHYL-1,4-OXATHIIN, 4,4-DIOXIDE * 5,6-DIHYDRO-2-METHYL-1,4-OXATHIIN-3-CARBOXANILIDE 4,4-DIOXIDE * 5,6-DIHYDRO-2-METHYL-N-PHENYL-1,4-OXATHIIN-3-CARBOXAMIDE 4,4-DIOXIDE * DIOXIDE of VITAVAX * F461 * 1,4-OXATHIIN, 2,3-DIHYDRO-5-CARBOXANILIDO-6-METHYL-, 4,4-DIOXIDE * OXYCARBOXIN * OXYCARBOXINE * PLANTVAX * PLANT WAX * VITAVEX
MUTATION DATA AND REFERENCES:
mrc-asn 8000 ppm ENMUDM 2,359,80
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2000 mg/kg WRPCA2 9,119,70

1,4-OXATHIIN, 2,3-DIHYDRO-5-CARBOXANILIDO-6-METHYL- see: RP4550000

1,4-OXATHIIN, 2,3-DIHYDRO-5-CARBOXANILIDO-6-METHYL-, 4,4-DIOXIDE see: RP4900000

RP5425000 1,2-OXATHIOLANE 2,2-DIOXIDE
UPDT:8408 CAS: 1120-71-4 MW: 122.15 MOLFM: C3-H6-O3-S
SYN: 3-HYDROXY-1-PROPANESULPHONIC ACID SULTONE * 3-HYDROXY-1-PROPANESULPHONIC ACID SULFONE * 3-HYDROXY-1-PROPANESULFONIC ACID gamma-SULTONE * 1,2-OXATHROLANE 2,2-DIOXIDE * 1-PROPANESULFONIC ACID-3-HYDROXY-gamma-SULTONE * 1,3-PROPANE SULTONE * PROPANESULTONE * RCRA WASTE NUMBER U193
MUTATION DATA AND REFERENCES:
mmo-sat 5 ug/plate JJIND8 62,893,79
mma-sat 70 ug/plate PNASA6 72,5135,75
mmo-esc 1 gm/L ATXKA8 28,93,71
dnr-esc 500 ug/disc JJIND8 62,873,79
dnd-esc 10 umol/L MUREAV 89,95,81
oms-bcs 50 mmol/L JOBAAY 136,854,78
mmo-srm 25 mg/L ATXKA8 30,67,72
mmo-omi 1600 mg/L MOPMA3 6,667,70
dnr-omi 610 ug/plate BIZNAT 95,463,76
mrc-smc 1000 ppm JJIND8 62,901,79
mmo-ssp 7900 umol/L CBINA8 14,195,76
otr-hmn:oth 7500 ug/L CNREA8 41,5096,81
dnd-hmn:fbr 5 mg/L CBINA8 22,185,78
dns-hmn:fbr 200 umol/L/2H 33AQAA -,103,76
msc-hmn:fbr 30 mg/L CNREA8 41,1620,81
otr-mus:fbr 30 ug/L CRNGDP 3,377,82
otr-mus:emb 50 mg/L TOLED5 9,301,81
dns-mus-skn 2 mmol/kg CNREA8 33,769,73
dni-mus-skn 2 mmol/kg CNREA8 33,769,73
dni-mus-orl 20 gm/kg ARGEAR 51,605,81
hma-mus/sat 12 mg/kg JJIND8 62,911,79
otr-ham-ipr 1 gm/kg ARPAAQ 95,380,73
otr-ham:kdy 80 ug/L BJCAAI 37,873,78
otr-ham:emb 1 mg/L IJCNAW 19,642,77
cyt-ham:fbr 125 mg/L/24H MUREAV 48,337,77
cyt-ham:lng 10 mg/L ARTODN (Suppl 4),41,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 ivn-rat TDLo:80 mg/kg (15D preg) IARCCD 4,45,73
TUMORIGENIC DATA AND REFERENCES:
3V01A60R60 orl-rat TDLo:7840 mg/kg/60W-I NATUAS 230,460,71
2V03V10 scu-rat TDLo:10 mg/kg ZEKBAI 75,69,70
3V01T65A60 ivn-rat TDLo:20 mg/kg (15D preg) IARCCD 4,45,73
3V01J60P62 skn-mus TDLo:1000 mg/kg TXCYAC 6,139,76
2V02V10 scu-mus TDLo:756 mg/kg/63W-I JNCIAM 46,143,71
2V03C60 orl-rat TD :1100 mg/kg/37W-I ZEKBAI 75,69,70
3V01A60R60 orl-rat TD :12 gm/kg/60W-C JJIND8 67,75,81
3V01A60R60 orl-rat TD :13 gm/kg/32W-C JJIND8 67,75,81
2V03J60 scu-rat TD :166 mg/kg INTSAO 66,161,81

2V03J60 scu-rat TD :539 mg/kg/17W-I INTSAO 66,161,81
2V03J60 scu-rat TD :434 mg/kg/15W-I INTSAO 66,161,81
3V01R60V10 skn-mus TD :50 mg/kg/W-I TXAPA9 37,93,76
TOXICITY DATA AND REFERENCES:
scu-rat LD50:135 mg/kg ZEKBAI 75,69,70
skn-mus LDLo:1000 mg/kg TXCYAC 6,139,76
* ipr-mus LD50:467 mg/kg JJIND8 62,911,79
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 4,253,74
★ TLV-SUSPECTED CARCINOGEN DTLVS* 4,346,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RP5460000 1,3-OXATHIOLANE-5-METHANOL, 2-(p-CHLOROPHENYL)-2-METHYL-, CARBAMATE
UPDT:8308 CAS: 24606-93-7 MW: 287.78 MOLFM: C12-H14-Cl-N-O3-S
SYN: 2-(p-CHLOROPHENYL)-2-METHYL-1,3-OXATHIOLANE-5-METHANOL CARBAMATE
TOXICITY DATA AND REFERENCES:
3C08F18J25 ipr-mus LD50:790 mg/kg PHARAT 31,317,76

RP5463000 1,3-OXATHIOLANE-5-METHANOL, 2-p-CUMENYL-2-METHYL-
UPDT:8308 CAS: 24606-84-6 MW: 252.40 MOLFM: C14-H20-O2-S
SYN: 2-p-CUMENYL-2-METHYL-1,3-OXATHIOLANE-5-METHANOL
TOXICITY DATA AND REFERENCES:
3C08F18J25 ipr-mus LD50:680 mg/kg PHARAT 31,317,76

RP5463500 1,3-OXATHIOLANE-5-METHANOL, 2-ETHYL-2-METHYL-, CARBAMATE
UPDT:8308 CAS: 24606-87-9 MW: 205.30 MOLFM: C8-H15-N-O3-S
SYN: 2-ETHYL-2-METHYL-1,3-OXATHIOLANE-5-METHANOL CARBAMATE
TOXICITY DATA AND REFERENCES:
3C08F18J25 ipr-mus LD50:770 mg/kg PHARAT 31,317,76

RP5464000 1,3-OXATHIOLANE-5-METHANOL, 2-ETHYL-2-PHENYL-, CARBAMATE
UPDT:8308 CAS: 24606-91-5 MW: 267.37 MOLFM: C13-H17-N-O3-S
SYN: 2-ETHYL-2-PHENYL-1,3-OXATHIOLANE-5-METHANOL CARBAMATE
TOXICITY DATA AND REFERENCES:
3C08F18J25 ipr-mus LD50:1180 mg/kg PHARAT 31,317,76

RP5464500 1,3-OXATHIOLANE-5-METHANOL, 2-METHYL-2-PHENYL-, CARBAMATE
UPDT:8308 CAS: 24606-90-4 MW: 253.34 MOLFM: C12-H15-N-O3-S
SYN: 2-METHYL-2-PHENYL-1,3-OXATHIOLANE-5-METHANOL CARBAMATE
TOXICITY DATA AND REFERENCES:
3C08F18J25 ipr-mus LD50:1350 mg/kg PHARAT 31,317,76

RP5465000 1,3-OXATHIOLANE-5-METHANOL, 2-PHENYL-2-PROPYL-, CARBAMATE
UPDT:8308 CAS: 24606-92-6 MW: 281.40 MOLFM: C14-H19-N-O3-S
SYN: 2-PHENYL-2-PROPYL-1,3-OXATHIOLANE-5-METHANOL CARBAMATE
TOXICITY DATA AND REFERENCES:
3C08F18J25 ipr-mus LD50:1050 mg/kg PHARAT 31,317,76

RP5490000 1,2-OXATHIOLANE, 5-METHYL-, 2,2-DIOXIDE
UPDT:8311 CAS: 3289-23-4 MW: 136.18 MOLFM: C4-H8-O3-S
SYN: gamma-BUTANE SULTONE * 1,3-BUTANESULTONE * 5-METHYL-1,2-OXATHIOLANE 2,2-DIOXIDE
MUTATION DATA AND REFERENCES:
mmo-ssp 18 mmol/L ADWMAX -,193,62

RP5504000 1,3-OXATHIOLAN-2-ONE, 5-METHYL-, O-(METHYLCARBAMOYL)OXIME
UPDT:8310 CAS: 1631-67-0 MW: 190.24 MOLFM: C6-H10-N2-O3-S
SYN: AC 47548 * AMERICAN CYANAMID EL-47548 * E.I. 47548 * ENT 27,087 * 5-METHYL-1,3-OXATHIOLAN-2-ONE o-((METHYLAMINO)CARBONYL)OXIME
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:32 mg/kg ARSIM* 20,1,66

1,2-OXATHROLANE 2,2-DIOXIDE see: RP5425000
OXATIMIDE see: DE2276000
OXATOMIDA see: DE2276000

RP5550000 3-OXATRICYCLO(3.2.1.0(sup 2,4))OCTANE-6-CARBOXYLIC ACID, ETHYL ESTER
UPDT:8310 CAS: 97-81-4 MW: 182.24 MOLFM: C10-H14-O3
SYN: 3,4-EPOXY-2,5-ENDOMETHYLENECYCLOHEXANECARBOXYLIC ACID, ETHYL ESTER * ETHYL 3-OXATRICYCLO-(3.2.1.0(sup 2,4))OCTANE-6-CARBOXYLATE * 2-NORBORNANECARBOXYLIC ACID, 5,6-EPOXY-, ETHYL ESTER
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4760 mg/kg AIHAAP 24,305,63
skn-rbt LD50:3540 mg/kg AIHAAP 24,305,63

RP5775000 8-OXATRICYCLO(5.3.1.0(sup 2,6))UNDECANE, 9-OXO-
UPDT:8307 CAS: 55764-18-6 MW: 178.25 MOLFM: C11-H14-O2
SYN: 8-OXA-9-KETOTRICYCLO(5.3.1.0(sup 2,6))UNDECANE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:840 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:1270 mg/kg TXAPA9 28,313,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RP5776500 OXAYOHIMBAN-16-CARBOXYLIC ACID, 16,17-DIDEHYDRO-10,11-DIMETHOXY-19-METHYL-, METHYL ESTER
UPDT:8306 CAS: 3148-42-3 MW: 412.53 MOLFM: C23-H28-N2-O5
SYN: DIMETHOXY-10,11 CARBOMETHOXY-16 HETERO YOHIMBANE-3-alpha,15-alpha,19-alpha,20-beta (French) * 10,11-DIMETHOXY-19-METHYL-16,17-DIDEHYDROOXAYOHIMBAN-16-CARBOXYLIC ACID METHYL ESTER * RAUVANIN * RAUVANINE
TOXICITY DATA AND REFERENCES:
3A11F25F41 ipr-mus LD50:157 mg/kg APFRAD 30,45,72
* ivn-mus LD50:150 mg/kg APFRAD 30,81,72

OXAYOHIMBAN-16-CARBOXYLIC ACID, 16,17-DIDEHYDRO-19-METHYL-, METHYL ESTER, (19-alpha)- (9CI) see: AX7875000

RP5776700 OXAYOHIMBANIUM, 3,4,5,6,16,17-HEXAHYDRO-16-(ISOBUTOXYCARBONYL)-19-METHYL-, HYDROXIDE, inner salt, (19-alpha)-
UPDT:8306 MW: 391.53 MOLFM: C24-H27-N2-O3
SYN: ISOBUTYL ESTER of SERPENTINIC ACID * Ph 458 * SERPENTINIC ACID ISOBUTYL ESTER
TOXICITY DATA AND REFERENCES:
3F25F43J24 ipr-rat LD50:29 mg/kg AIPTAK 123,168,59
3F25F43J24 ipr-mus LD50:46500 ug/kg AIPTAK 123,168,59
3F25F43J24 scu-mus LD50:137 mg/kg AIPTAK 123,168,59

RP5788670 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)-TETRAHYDRO-4,4,6,6-d4-, 2-OXIDE
UPDT:8305 MW: 265.11 MOLFM: C7-H11-Cl2-D4-N2-O2-P
SYN: N,N-BIS(2-CHLOROETHYL)-TETRAHYDRO-4,4,6,6-d4-2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE 2-OXIDE * CYCLOPHOSPHAMIDE-4,6-d4
MUTATION DATA AND REFERENCES:
mma-sat 31 ug/plate MUREAV 95,105,82

RP5788675 2H-1,3,2-OXAZAPHOSPHORIN-4-d-2-AMINE, N,N-BIS(2-CHLOROETHYL)-TETRAHYDRO-4-d-, 2-OXIDE
UPDT:8305 CAS: 55836-73-2 MW: 263.11 MOLFM: C7-H13-Cl2-D2-N2-O2-P
SYN: N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-4-d-2H-1,3,2-OXAZAPHOSPHORIN-4-d-2-AMINE 2-OXIDE * CYCLOPHOSPHAMIDE-4-d2
MUTATION DATA AND REFERENCES:
mma-sat 31 ug/plate MUREAV 95,105,82

RP5788680 2H-1,3,2-OXAZAPHOSPHORIN-5-d-2-AMINE, N,N-BIS(2-CHLOROETHYL)-TETRAHYDRO-5-d-, 2-OXIDE
UPDT:8305 MW: 263.11 MOLFM: C7-H13-Cl2-D2-N2-O2-P
SYN: N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-5-d-2H-1,3,2-OXAZAPHOSPHORIN-5-d-2-AMINE 2-OXIDE * CYCLOPHOSPHAMIDE-5-d2
MUTATION DATA AND REFERENCES:
mma-sat 31 ug/plate MUREAV 95,105,82
cyt-ham:ovr 135 umol/L MUREAV 95,105,82
sce-ham:ovr 135 umol/L MUREAV 95,105,82

2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N,3-TRIS(2 CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (9CI) see: RP5880000
2-H-1,3,2-OXAZAPHOSPHORINANE see: RP5950000

RP5880000 2H-1,3,2-OXAZAPHOSPHORINE, 2-(BIS(2-CHLOROETHYL)AMINO)-3-(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE
UPDT:8403 CAS: 22089-22-1 MW: 323.61 MOLFM: C9-H18-Cl3-N2-O2-P
SYN: A-4828 * ASTA Z 4828 * 2-(BIS(2-CHLOROETHYL)AMINO)-3-(2-CHLOROETHYL)TETRAHYDRO-2H-1,3,2-OXAZAPHOSPHORINE 2-OXIDE * 2-(BIS(2-CHLOROETHYL)AMINO)-3-(2-CHLOROETHYL)TETRAHYDRO-2H-1,3,2-OXAPHOSPHORINE 2-OXIDE * IXOTEN * NSC 109723 * 2H-1,3,2-OXAPHOSPHORIN-2-AMINE, N,N,3-TRIS(2-CHLOROETHYL)-TETRAHYDRO-, 2-OXIDE * 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N,3-TRIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (9CI) * N,N,N'-TRIS(2-CHLOROETHYL)-N',O-PROPYLENE PHOSPHORIC ACID ESTER DIAMIDE * N,N,3-TRIS(2-CHLOROETHYL)TETRAHYDRO-2H-1,3,2-OXAPHOSPHORIN-2-AMINE 2-OXIDE * TROPHOSPHAMIDE * TFF * TRIFOSFAMIDE * TRILOFOSFAMIDA * TRILOPHOSPHAMIDE * TRISPHOSPHAMIDE * N,N,N'-TRIS(2-CHLORAETHYL)-N',O-PROPYLEN-PHOSPHORSAUREESTER-DIAMID (German) * N,N,3-TRIS(2-CHLOROETHYL)TETRAHYDRO-2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE 2-OXIDE * TRISFOSFAMIDE * TROFOSFAMID * TROFOSFAMIDE * TROPHOSPHAMID * Z 4828
MUTATION DATA AND REFERENCES:
mma-esc 10 mmol/L ARTODN 33,225,75
sln-dmg-unk 1 mmol/L/24H MUREAV 33,221,75
cyt-hmn:leu 100 mg/L HUMAA7 5,321,68
cyt-rat-ipr 25 mg/kg HUMAA7 5,321,68
mnt-mus-ipr 80 mg/kg/24H MUREAV 56,319,78
cyt-ham-ipr 3300 ug/kg ARTODN 38,35,77
TOXICITY DATA AND REFERENCES:
3M14P14P17 unk-hmn TDLo:50 mg/kg SAMJAF 53,886,78
* ipr-rat LD50:75 mg/kg MEIEDD 10,1395,83
2R21U01 scu-rat LD50:210 mg/kg ARZNAD 23,922,73
3F12R21U01 ivn-rat LD50:90 mg/kg ARZNAD 23,922,73
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RP5925000 2H-1,3,2-OXAZAPHOSPHORINE, 2-(BIS(2-CHLOROETHYL)AMINO)-4-HYDROXYTETRAHYDRO-, 2-OXIDE
UPDT:8302 CAS: 67292-62-0 MW: 277.11 MOLFM: C7-H15-Cl2-N2-O3-P
SYN: 2-(BIS(2-CHLOROETHYL)AMINO)-4-HYDROXYTETRAHYDRO-2H-1,3,2-OXAZAPHOSPHORINE * 4-HYDROXYCYCLOPHOSPHAMIDE * 4-OH-CP
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate CNREA8 42,3016,82
mma-sat 10 ug/plate CNREA8 42,3016,82
TOXICITY DATA AND REFERENCES:
1V30 ivn-rat LD50:139 mg/kg JMCMAR 18,376,75
* ipr-mus LD50:142 mg/kg ARZNAD 32,639,82

RP5945000 OXAZAPHOSPHORINE, 2-(BIS(2-CHLOROETHYL)AMINO)TETRAHYDRO-, CYCLOHEXYLAMINE SALT
UPDT:8412 CAS: 4465-94-5 MW: 378.33 MOLFM: C7-H17-Cl2-N2-O3-P C6-H13-N
SYN: 2-(BIS(2-CHLOROETHYL)AMINO)TETRAHYDROOXAZAPHOSPHORINE CYCLOHEXYLAMINE SALT * N,N-BIS(2-CHLOROETHYL)-N'-(3-HYDROXYPROPYL)PHOSPHORODIAMIDATE CYCLOHEXYLAMMONIUM SALT * CYTOXAL ALCOHOL * CYTOXYL ALCOHOL * CYTOXYL ALCOHOL CYCLOHEXYLAMMONIUM SALT * NCI-C04922 * NSC-52695 * PHOSPHORODIAMIDIC ACID, N,N-BIS(2-CHLOROETHYL)-N'-3-HYDROXYPROPYLCYCLOHEXYLAMINE SALT
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate NTPTB* JAN 82
mma-sat 100 ug/plate NTPTB* JAN 82
dni-hmn:lym 500 umol/L AGACBH 4,117,74
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34T43T53 ipr-mus TDLo:29 mg/kg (11D preg) TJADAB 4,141,71
2T46T25 ipr-mus TDLo:290 mg/kg (11D preg) TJADAB 4,141,71
TUMORIGENIC DATA AND REFERENCES:
3V01M60R60 ipr-rat TDLo:2900 mg/kg/26W-I RRCRBU 52,1,75
3V03J60P62 ipr-mus TDLo:3900 mg/kg/26W-I CANCAR 40,1935,77
STATUS:
★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (RRCRBU 52,1,75)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RP5950000 2H-1,3,2-OXAZAPHOSPHORINE, 2-(BIS(2-CHLOROETHYL)AMINO)TETRAHYDRO-, 2-OXIDE
UPDT:8412 CAS: 50-18-0 MW: 279.13 MOLFM: C7-H15-Cl2-N2-O2-P .H2-O
SYN: ASTA * ASTA B518 * B 518 * N,N-BIS-(beta-CHLORAETHYL)-N',O-PROPYLEN-PHOSPHORSAEURE-ESTER-DIAMID (German) * 2-(BIS(2-CHLOROETHYL)AMINO)-1-OXA-3-AZA-2-PHOSPHOCYCLOHEXANE 2-OXIDE MONOHYDRATE * 1-BIS(2-CHLOROETHYL)AMINO-1-OXO-2-AZA-5-OXAPHOSPHORIDINE MONOHYDRATE * 2-(BIS(2-CHLOROETHYL)AMINO)-2H-1,3,2-OXAZAPHOSPHORINE 2-OXIDE * (BIS(CHLORO-2-ETHYL)AMINO)-2-TETRAHYDRO-3,4,5,6-OXAZAPHOSPHORINE 1,3,2-OXIDE-2 HYDRATE * 2-(BIS(2-CHLOROETHYL)AMINO)TETRAHYDRO(2H)-1,3,2-OXAZAPHOSPHORINE 2-OXIDE MONOHYDRATE * N,N-BIS(2-CHLOROETHYL)-N'-(3-HYDROXYPROPYL)PHOSPHORODIAMIDIC ACID intramol ESTER HYDRATE * BIS(2-CHLOROETHYL)PHOSPHORAMIDE-CYCLIC PROPANOLAMIDE ESTER * BIS(2-CHLOROETHYL)PHOSPHORAMIDE CYCLIC PROPANOLAMIDE ESTER MONOHYDRATE * N,N-BIS(2-CHLOROETHYL)-N',O-PROPYLENEPHOSPHORIC ACID ESTER DIAMIDE * N,N-BIS(beta-CHLOROETHYL)-N',O-PROPYLENEPHOSPHORIC ACID ESTER AMIDE MONOHYDRATE * N,N-BIS(beta-CHLOROETHYL)-N',O-PROPYLENE PHOSPHORIC ACID ESTER DIAMIDE MONOHYDRATE * N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-2H-1,3,2-OXAPHOSPHORIN-2-AMINE, 2-OXIDE MONOHYDRATE * N,N-BIS(beta-CHLOROETHYL)-N',O-TRIMETHYLENEPHOSPHORIC ACID ESTER DIAMIDE * CB-4564 * CLAFEN * CLAPHENE (French) * CP * CPA * CTX * CY * CYCLIC N',O-PROPYLENE ESTER of N,N-BIS(2-CHLOROETHYL)PHOSPHORODIAMIDIC ACID MONOHYDRATE * CYCLOPHOSPHAMID * CYCLOPHOSPHAMIDE * CYCLOPHOSPHAMIDUM * CYCLOPHOSPHAN * CYCLOPHOSPHANE * CYCLOPHOSPHORAMIDE * CYTOPHOSPHAN * CYTOXAN * 2-(DI(2-CHLOROETHYL)AMINO)-1-OXA-3-AZA-2-PHOSPHACYCLOHEXANE-2-OXIDE MONOHYDRATE * 2-(DI(2-CHLOROETHYL)AMINO)2-OXIDE * N,N-DI(2-CHLOROETHYL)AMINO-N,O-PROPYLENE PHOSPHORIC ACID ESTER DIAMIDE MONOHYDRATE * N,N-DI(2-CHLOROETHYL)-N,O-PROPYLENE-PHOSPHORIC ACID ESTER DIAMIDE * ENDOXAN * ENDOXANA * ENDOXAN-ASTA * ENDOXANE * ENDOXAN R * ENDUXAN * ENDOXANAL * GENOXAL * MITOXAN * NCI-C04900 * NSC 26271 * 2-H-1,3,2-OXAZAPHOSPHORINANE * PHOSPHORODIAMIDIC ACID, N,N-BIS(2-CHLOROETHYL)-N'-(3-HYDROXYPROPYL)-, intramol. ESTER * PROCYTOX * RCRA WASTE NUMBER U058 * SEMDOXAN * SENDOXAN * SENDUXAN * ZYKLOPHOSPHAMID (German)
MUTATION DATA AND REFERENCES:
mma-sat 5 uL/plate MUREAV 28,405,75
mma-sat 33 ug/plate ENMUDM 5(Suppl 1),3,83
dns-sat 2 ug ECEBDI 50,271,82
mmo-esc 5 uL/plate MUREAV 28,405,75
mma-esc 10 mmol/L ARTODN 33,225,75
dnr-esc 5 mmol/L ZKKOBW 92,177,78
pic-esc 100 ug/plate CNREA8 43,2819,83
dnr-bcs 1 gm/L EVSRBT 24,19,81
dnd-bcs 2 mg/disc PMRSDJ 1,175,81

slt-dmg-unk 100 mmol/L/6H	MUREAV 120,233,83
dnd-dmg-orl 20 mmol/L	CNREA8 30,195,70
sln-dmg-orl 10 mmol/L	DRISAA 41,102,66
sln-dmg-unk 2 mmol/L/24H	MUREAV 33,221,75
sln-dmg-par 19200 umol/L	EVSRBT 24,175,81
mmo-smc 26700 umol/L	MUREAV 45,309,77
dnr-smc 100 mg/L	PMRSDJ 1,502,81
mrc-smc 500 umol/L	MUREAV 111,295,83
dnd-smc 100 umol/L	MUREAV 58,241,78
sln-smc 100 mg/L	PMRSDJ 1,468,81
mmo-asn 20 mg/plate	MUREAV 80,265,81
mma-ssp 1 mmol/L	MUREAV 111,295,83
oms-grh:emb 200 umol/L	MUREAV 119,71,83
cyt-grh:emb 200 umol/L	MUREAV 119,71,83
cyt-grh:oth 20 umol/L	CGCGBR 33,114,82
sce-ofs-skn 2500 ug/L	MUREAV 97,35,82
sce-ofs-ipr 7 mg/kg	MUREAV 64,205,79
mma-hmn:fbr 475 nmol/L	CNREA8 41,1873,81
dns-hmn:hla 100 nmol/L	CNREA8 38,2621,78
dns-hmn:lym 1 umol/L	JTEHD6 6,1059,80
dns-hmn:oth 10 umol/L	MUREAV 136,161,84
dni-hmn:hla 600 umol/L/1H-C	JEPTDQ 2(1),65,78
dni-hmn:oth 200 mg/L	CNREA8 42,3676,82
oms-hmn:hla 840 mg/L	HUMAA7 4,362,67
bfa-hmn/smc 3100 mg/kg	MUREAV 21,257,73
bfa-hmn/sat 14 mg/kg	CANCAR 38,1253,76
cyt-hmn-unk 60 mg/kg/8W-I	HUHEAS 29,100,79
cyt-chd-unk 4 mg/kg/4W	HUMAA7 22,221,74
cyt-hmn:leu 5 mmol/L	MUREAV 56,101,77
cyt-hmn:hla 210 mg/L/48H	HUMAA7 4,362,67
cyt-hmn:lym 10 ug/L/72H	ARTODN 46,61,80
cyt-hmn:oth 50 ug/L	MUREAV 11,258,71
sce-hmn-orl 31 mg/kg	MUREAV 67,289,79
sce-hmn:lym 10 umol/L	PJABDW 56,568,80
mnt-rat-ipr 5 mg/kg	MUREAV 58,79,78
otr-rat:emb 5 mg/L	JJIND8 67,1303,81
dnd-rat-ipr 5 mg/kg	CNREA8 38,1589,78
dns-rat-ipr 25 mg/kg	ENMUDM 2,278,80
dns-rat:lvr 500 umol/L	ENMUDM 3,11,81
dns-rat-ivn 25 mg/kg	MUREAV 68,275,79
dns-rat-orl 25 mg/kg	JJATDK 2,172,82
bfa-rat/sat 50 mg/kg	ENMUDM 1,155,79
cyt-rat-ipr 3300 ug/kg	ARTODN 38,35,77
cyt-rat-orl 9 mg/kg	ARZNAD 29,1871,79
cyt-rat-ivn 3300 ug/kg	GISAAA 42(8),27,77
cyt-rat-unk 9 mg/kg	EESADV 3,122,79
sce-rat-ipr 5 mg/kg	ENMUDM 2,301,80
sce-rat:lym 5 umol/L	TOLED5 7,229,81
sce-rat:lvr 1 mg/L	TOLED5 13,95,82
sce-rat:oth 300 umol/L	MUREAV 93,409,82
dlt-rat-orl 50 mg/kg	MUREAV 48,267,77
hma-rat/smc 2 mmol/L/4H	MUREAV 31,381,75
spm-rat-ipr 100 mg/kg/5D-I	ENMUDM 6,393,84
mnt-mus-unk 20 mg/kg	EESADV 3,122,79
mnt-mus-ipr 5 mg/kg	MUREAV 56,311,78
mnt-mus-orl 400 mg/kg/24H	ARTODN 39,187,78
mnt-mus-scu 20 mg/kg/24H	EXPEAM 36,297,80
mma-mus:lym 1 mg/L/4H	MUREAV 59,61,79
slt-mus-ipr 20 umol/L	MUREAV 46,202,77
otr-mus:emb 10 mg/L	CNREA8 38,2922,78
dnd-mus-ipr 750 mg/kg	FOBLAN 25,380,79
dnd-mus-unk 60 mg/kg	PACHAS 42,209,75
dnd-mus/ast 120 umol/kg	CNREA8 33,1048,73
dnd-mus:leu 1 mmol/L	CTRRDO 62,23,78
dns-mus-ipr 200 mg/kg	MUREAV 50,229,78
dni-mus-ipr 150 mg/kg	BJDEAZ 94,1,76
bfa-mus/smc 500 mg/kg	EVSRBT 24,893,81
bfa-mus/sat 50 mg/kg	ENMUDM 2,521,80
bfa-mus/lym 1 gm/kg	SOGEBZ 12,1425,76
cyt-mus-unk 150 mg/kg	GNTKDF 11,203,79
cyt-mus-orl 100 mg/kg/4W-C	FOBLAN 26,94,80
cyt-mus-ipr 10 mg/kg	MUREAV 140,49,84
cyt-mus:emb 50 mg/L	CNREA8 38,2922,78
cyt-mus-ivn 45 mg/kg	MUREAV 60,329,79
cyt-mus/lym 80 mg/kg	MUREAV 53,230,78
sce-mus-par 2500 ug/kg	MUREAV 57,233,78
sce-mus-scu 5 mg/kg	CGCGBR 18,231,77
sce-mus-ipr 3 mg/kg	CBINA8 44,3820,84
sce-mus-ivn 10 mg/kg	ENMUDM 2,246,80
sce-mus-unk 12500 ug/kg	NATUAS 260,448,76
sce-mus:emb 10 mg/L	CNREA8 38,2922,78
sce-mus/lng 7500 ug/kg	MUREAV 53,230,78
sce-mus/ast 15 mg/kg	ENMUDM 1,177,79
dlt-mus-ipr 100 mg/kg	NEOLA4 25,523,78
dlt-mus-orl 160 mg/kg	MUREAV 26,427,74
dlt-mus-unk 40 mg/kg	EESADV 3,122,79
msc-mus/lng 40 mg/kg	MUREAV 64,259,79
msc-mus:lym 80 mg/L	DCTODJ 1,277,78
hma-mus/sat 870 mg/kg/2H	MGGEAE 117,197,72
hma-mus/srm 870 mg/kg/2H	MGGEAE 117,197,72
hma-mus/smc 225 mg/kg	MUREAV 111,295,83
spm-mus-ipr 250 mg/kg/5D	PNASA6 72,4425,75
spm-mus-unk 50 mg/kg	GNKAA5 16(8),1397,80
spm-mus-scu 20 mg/kg	MUREAV 100,345,82
trn-mus-ipr 350 mg/kg	REBPAT 13,1,76
mnt-ham-ipr 20 mg/kg/24H	MUREAV 40,325,76
otr-ham:kdy 80 ug/L	BJCAAI 37,873,78
otr-ham:emb 50 mg/L	JJIND8 67,1303,81
dnd-ham-ipr 20 mg/kg	CNREA8 29,98,69
cyt-ham:lng 100 umol/L	ARGEAR 52,97,82
cyt-ham:ovr 100 mg/L	ENMUDM 2,455,80
cyt-ham-orl 320 mg/kg/2W-I	MUREAV 7,99,69
cyt-ham:oth 10 mg/L	CNREA8 38,2922,78
cyt-ham:fbr 10 mmol/L	MUREAV 51,397,78
cyt-ham-ipr 3300 ug/kg	ARTODN 38,35,77
sce-ham-ipr 1 mg/kg	ARZNAD 29,1871,79
sce-ham:ovr 100 umol/L/24H	MUREAV 41,343,76
sce-ham-orl 5 mg/kg	MUREAV 74,164,80
sce-ham:lng 625 ug/L	CRNGDP 1,37,80
sce-ham-unk 1 mg/kg	EESADV 3,122,79
sce-ham:oth 10 mg/L	CNREA8 38,2922,78
sce-ham:fbr 3 mmol/L	MUREAV 93,409,82
spm-ham-orl 400 mg/kg/24H	ARTODN 39,187,78
spm-ham-ipr 200 mg/kg/5D	ARTODN 38,35,77
cyt-mam-orl 25 mg/kg	JANSAG 39,142,74
cyt-mam-ipr 50 mg/kg	GNKAA5 17(9),1639,81
dns-rbt-ivn 20 mg/kg	ARTODN 46,139,80
sce-rbt-ipr 35 mg/kg	MUREAV 41,333,76
sce-rbt-par 35 mg/kg	ENMUDM 1,176,79
sce-rbt:lym 5 umol/L	TOLED5 7,229,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	orl-wmn TDLo:60 mg/kg (60D pre)	NEJMAG 289,1159,73
1T01	orl-man TDLo:107 mg/kg (21W male)	LANCAO 2,156,75
1T14	orl-wmn TDLo:168 ug/kg (20W pre)	CANCAR 39,1403,77
1T02	unk-chd TDLo:180 mg/kg (90D male)	LANCAO 2,426,72
1T01	unk-chd TDLo:586 mg/kg (89D male)	JOPDAB 88,206,76
1T14	unk-wmn TDLo:24 mg/kg (30 pre)	LANCAO 1,693,72
2T01T02	unk-man TDLo:130 mg/kg (26W male)	LANCAO 1,568,72
1T01	unk-man TDLo:24286 ug/kg (17D male)	LANCAO 2,1290,72
2T01T02	unk-man TDLo:281 mg/kg (39W male)	LANCAO 1,840,72
2T43T46	mul-wmn TDLo:382 mg/kg (1-39W preg)	JAMAAP 188,423,64
2T43T46	mul-wmn TDLo:502 mg/kg (1-37W preg)	JAMAAP 188,423,64
2T46T47	mul-wmn TDLo:215 mg/kg (43-70D preg)	AIMEAS 74,87,71
1T23	orl-rat TDLo:100 mg/kg (1D male)	MUREAV 48,267,77
1T22	orl-rat TDLo:465 mg/kg (MGN)	TXAPA9 27,602,74
1T25	orl-rat TDLo:90 mg/kg (1-20D preg)	TXAPA9 27,602,74
3T71T41T43	orl-rat TDLo:110 mg/kg (7-17D preg)	IYKEDH 7,367,76
3T45T46T53	orl-rat TDLo:110 mg/kg (7-17D preg)	IYKEDH 7,367,76
1T50	orl-rat TDLo:5 mg/kg (11D preg)	TJADAB 28,11A,83
1T01	ipr-rat TDLo:140 mg/kg (1D male)	HIKYAJ 12,1339,66
1T85	ipr-rat TDLo:91 mg/kg (17-22D preg/20D post)	YACHDS 10,703,82
2T25T35	ipr-rat TDLo:7500 ug/kg (13D preg)	TJADAB 24,1,81
2T25T46	ipr-rat TDLo:8 mg/kg (12D preg)	AOSAAK 45,21,74
1T22	ipr-rat TDLo:250 mg/kg (5W pre)	SCIEAS 211,80,81
2T41T46	ipr-rat TDLo:10 mg/kg (13D preg)	TJADAB 24,1,81
3T42T43T45	ipr-rat TDLo:20 mg/kg (13D preg)	TJADAB 24,1,81
2T41T46	scu-rat TDLo:10 mg/kg (12D preg)	TXAPA9 9,445,66
2T25T39	scu-rat TDLo:20 mg/kg (3D preg)	ASBDD9 2,95,79
1T13	scu-rat TDLo:60 mg/kg (3D preg)	BIANA6 19,247,81
3T31T35T39	scu-rat TDLo:60 mg/kg (3D preg)	JEEMAF 41,65,77
1T02	ivn-rat TDLo:310 mg/kg (62D male)	KSRNAM 16,508,82
3T12T31T34	ivn-rat TDLo:27500 ug/kg (7-17D preg)	KSRNAM 16,517,82
3T41T46T47	ivn-rat TDLo:27500 ug/kg (7-17D preg)	KSRNAM 16,517,82
2T81T85	ivn-rat TDLo:27500 ug/kg (7-17D preg)	KSRNAM 16,517,82
1T85	par-rat TDLo:10 mg/kg (1D male)	TJADAB 24(1),52A,81
3T41T42T43	par-rat TDLo:20 mg/kg (14D preg)	IJEBA6 20,838,82
2T46T55	par-rat TDLo:20 mg/kg (14D preg)	IJEBA6 20,838,82
1T31	par-rat TDLo:20 mg/kg (12D preg)	TJADAB 30(1),42A,84
1T41	unk-rat TDLo:20 mg/kg (12D preg)	TJADAB 27,68A,83
1T24	unk-rat TDLo:100 mg/kg (1D male)	TJADAB 27,47A,83
1T25	unk-rat TDLo:15 mg/kg (13D preg)	AXVMAW 36,179,83
1T42	unk-rat TDLo:20 mg/kg (12D preg)	TJADAB 24(1),42A,81
3T25T26T34	orl-mus TDLo:20 mg/kg (10D preg)	TXAPA9 45,344,78
3T42T46T47	orl-mus TDLo:20 mg/kg (10D preg)	JTEHD6 6,155,80
2T24T35	orl-mus TDLo:100 mg/kg (1D male)	FCTXAV 13,317,75
1T01	orl-mus TDLo:97 mg/kg (1D male)	AGACBH 2,180,72
1T01	ipr-mus TDLo:100 mg/kg (5D male)	MUREAV 100,345,82
2T12T29	ipr-mus TDLo:3744 mg/kg (52D pre)	PSEBAA 133,190,70
2T31T34	ipr-mus TDLo:12 mg/kg (9D preg)	SEIJBO 20,365,80
2T25T34	ipr-mus TDLo:5 mg/kg (11D preg)	TJADAB 4,141,71
1T46	ipr-mus TDLo:5 mg/kg (7D preg)	ARZNAD 22,122,72
2T43T53	ipr-mus TDLo:20 mg/kg (11D preg)	TJADAB 4,141,71
1T26	ipr-mus TDLo:5 mg/kg (10D preg)	CNREA8 28,475,68
1T25	scu-mus TDLo:20 mg/kg (2D preg)	ASBDD9 2,95,79
1T39	scu-mus TDLo:40 mg/kg (2D preg)	ASBDD9 2,95,79
2T43T46	scu-mus TDLo:200 mg/kg (11-14D preg)	JFHZA8 15,662,65
1T35	scu-mus TDLo:100 mg/kg (11-14D preg)	JFHZA8 15,662,65
1T33	scu-mus TDLo:20 mg/kg (2D preg)	TJADAB 23,1,81
1T33	ivn-mus TDLo:10 mg/kg (13D preg)	NATUAS 279,531,79
3T31T34T46	ims-mus TDLo:32 mg/kg (11-15D preg)	NEOLA4 26,529,79
2T25T35	ims-mus TDLo:106 mg/kg (11-15D preg)	NEOLA4 26,529,79
1T33	par-mus TDLo:20 mg/kg (4D preg)	TJADAB 24(2),49A,81
1T46	unk-mus TDLo:20 mg/kg (11D preg)	APTOD9 19,A89,80
1T42	unk-mus TDLo:20 mg/kg (11D preg)	TJADAB 28,46A,83
1T35	ipc-mus TDLo:80 ug/kg (11D preg)	40YJAX -,207,76
1T39	scu-rbt TDLo:4 mg/kg (10-13D preg)	COREAF 258,2899,64
1T42	scu-rbt TDLo:60 mg/kg (10-13D preg)	AAHEAF 53,209,70
3T41T42T45	ivn-rbt TDLo:30 mg/kg (7D preg)	AGACBH 2,83,71
2T34T46	ivn-rbt TDLo:20 mg/kg (9D preg)	ARZNAD 30,1585,80
1T43	ivn-rbt TDLo:30 mg/kg (12D preg)	AGACBH 2,83,71
2T26T35	ivn-rbt TDLo:65 mg/kg (6-18D preg)	YACHDS 10,695,82
1T31	ivn-rbt TDLo:80 mg/kg (9D preg)	TJADAB 24(2),36A,81
1T42	par-rbt TDLo:48 mg/kg (10-13D preg)	CRSBAW 164,1344,70
1T53	par-rbt TDLo:10 mg/kg (10-13D preg)	AAHEAF 58,147,75
1T01	orl-ham TDLo:16 mg/kg (2D male)	ARZNAD 25,1889,75
1T33	ipr-ham TDLo:5 mg/kg (17D pre)	ARTODN (Suppl 4),22,80
1T21	orl-dom TDLo:30 mg/kg (1D male)	JANSAG 34,903,72

TUMORIGENIC DATA AND REFERENCES:

2V01P61	orl-wmn TDLo:1890 mg/kg/3Y-I	JHMJAX 142,211,78
3V01M14M61	orl-wmn TDLo:3640 mg/kg/5Y-C	CANCAR 48,691,81
2V01P60	unk-man TDLo:857 mg/kg/3Y-C	JCPAAK 26,649,73
2V01P60	unk-wmn TDLo:1050 mg/kg/69W-C	JCPAAK 26,649,73
3V01M60P62	orl-rat TDLo:475 mg/kg/100W-I	IJCNAW 23,706,79
3V01A60M61	ivn-rat TDLo:676 mg/kg/1Y-I	ARZNAD 20,1461,60
3V02J60M60	ipr-mus TDLo:1950 mg/kg/26W-I	RRCRBU 52,1,75
3V01R60T63	scu-mus TDLo:1352 mg/kg/1Y-I	ARZNAD 20,1461,60
3V03J60L60	ipr-mus TD :150 mg/kg/15W-I	GANNA2 56,537,65
3V01M60P62	orl-rat TD :1270 mg/kg/87W-I	IJCNAW 23,706,79
3V01M60P62	orl-rat TD :698 mg/kg/89W-I	IJCNAW 23,706,79
3V01P61J61	scu-mus TD :3600 mg/kg/76W-I	ARHEAW 22,1338,79
2V01M60	orl-man TD :1800 mg/kg/6Y-C	JOURAA 126,544,81
2V01M60	orl-hmn TD :920 mg/kg/3Y-C	AIMEAS 91,221,79
3V01M60P60	orl-rat TD :1075 mg/kg/86W-I	CANCAR 51,606,83
2V01P61	orl-man TD :1190 mg/kg/4Y-I	MEDIAV 58,32,79
2V01M60	orl-wmn TD :2000 mg/kg/5Y-I	BJURAN 47,413,75

TOXICITY DATA AND REFERENCES:

1M30	orl-wmn TDLo:45 mg/kg	ARHEAW 15,530,72

3K30M30R21	orl-hmn TDLo:20 mg/kg	ARHEAW 12,663,69
2K30P26	unk-man TDLo:10 mg/kg	CNCRA6 50,219,66
	orl-rat LD50:94 mg/kg	TXAPA9 4,324,62
	ipr-rat LD50:40 mg/kg	CPCHAO 18,307,62
*	scu-rat LD50:180 mg/kg	JEEMAF 41,65,77
*	ivn-rat LD50:160 mg/kg	85ESA3 9,359,76
	unk-rat LD10:12 mg/kg	CNCRA6 50,219,66
	orl-mus LD50:137 mg/kg	RPTOAN 36,240,73
2P26S05	ipr-mus LD50:159 ug/kg	CTRRDO 61,103,77
*	scu-mus LD50:200 mg/kg	ASBDD9 2,95,79
	ivn-mus LD50:275 mg/kg	TXAPA9 4,324,62
	unk-mus LD10:93 mg/kg	CNCRA6 50,219,66
	orl-dog LD50:44 mg/kg	TXAPA9 4,324,62
	ivn-dog LDLo:11 mg/kg	CCSUBJ 2,202,65
	ivn-mky LDLo:45 mg/kg	CCSUBJ 2,202,65
	ivn-rbt LD50:130 mg/kg	DMWOAX 83,453,58
	ivn-gpg LD50:400 mg/kg	DMWOAX 83,453,58
3F17F18F19	orl-ham LD50:763 mg/kg	EXPEAM 37,401,81
	ipr-ham LD50:429 mg/kg	CALEDQ 2,267,77
1V30	par-ham LD10:110 mg/kg	JSONAU 15,355,80

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ZKKOBW 88,185,77; MIMDAL 57(1),19,74; 32XPAD -,49,75; JPETAB 144,429,64; ARVPAX 5,447,65; ADVPA3 4,263,66; CRTXB2 2,159,73; BLFSBY 24,129,83

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 9,135,75
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 9,135,75
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 26,165,81
★ CARCINOGENIC REVIEW:HUMAN POSITIVE	IARC** 26,165,81

STATUS:

★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (RRCRBU 52,1,75)

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RP6050000 1,3,2-OXAZAPHOSPHORINE, 3-(2-CHLOROETHYL)-2-((2-CHLOROETHYL)AMINO)TETRAHYDRO-, 2-OXIDE

UPDT:8412 CAS: 3778-73-2 MW: 261.11 MOLFM: C7-H15-Cl2-N2-O2-P

SYN: A 4942 * ASTA Z 4942 * N,N-BIS(beta-CHLOROETHYL)-AMINO-N',O-PROPYLENE-PHOSPHORIC ACID ESTER DIAMIDE * 2,3-(N,N(sup 1)-BIS(2-CHLOROETHYL)DIAMIDO-1,3,2-OXAZAPHOSPHORIDINOXYD * N,3-BIS(2-CHLOROETHYL)TETRAHYDRO-2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE 2-OXIDE * N-(2-CHLORAETHYL)-N'-(2-CHLORAETHYL)-N',O-PROPYLEN-PHOSPHORSAUREESTER-DIAMID (German) * 3-(2-CHLOROETHYL)-2-((2-CHLOROETHYL)AMINO)TETRAHYDRO-2H-1,3,2-OXAZAPHOSPHORINE 2-OXIDE * CYFOS * HOLOXAN * HOLOXAN 1000 * IFOSFAMID * IFOSFAMIDE * IPHOSPHAMID * IPHOSPHAMIDE * ISOENDOXAN * ISOFOSFAMIDE * ISOPHOSPHAMIDE * MITOXANA * MJF 9325 * NAXAMIDE * NCI-C01638 * NSC-109724 * Z 4942

MUTATION DATA AND REFERENCES:

	mma-sat 1000 ug/plate	PNASA6 72,5135,75
	mma-esc 10 mmol/L	ARTODN 33,225,75
	dnr-esc 9 mmol/L	ZKKOBW 92,177,78
	sln-dmg-unk 2 mmol/L/24H	MUREAV 33,221,75
	cyt-hmn:lym 75 mg/L	CYTOAN 46,387,81
	cyt-hmn:leu 130 mg/L	HUMAA7 5,321,68
	bfa-rat/sat 2 gm/kg	HIKYAJ 26,813,80
	mnt-mus-ipr 70 mg/kg/24H	MUREAV 56,319,78
	cyt-ham-ipr 3300 ug/kg	ARTODN 38,35,77
	dnd-mam:lym 5600 umol/L	JPMSAE 61,2009,72

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T53T85	ivn-rat TDLo:260 mg/kg (17-21D preg/21D post)	KSRNAM 16,553,82
3T41T49T53	ivn-rat TDLo:27500 ug/kg (7-17D preg)	KSRNAM 16,517,82
3T31T34T46	ivn-rat TDLo:13750 ug/kg (7-17D preg)	KSRNAM 16,517,82
3T71T76T81	ivn-rat TDLo:13750 ug/kg (7-17D preg)	KSRNAM 16,517,82
3T41T42T53	ipr-mus TDLo:20 mg/kg (11D preg)	PSEBAA 143,965,73
2T25T26	ipr-mus TDLo:20 mg/kg (11D preg)	PSEBAA 143,965,73
2T34T46	ipr-mus TDLo:10 mg/kg (11D preg)	PSEBAA 143,965,73
2T29T34	ivn-rbt TDLo:260 mg/kg (6-18D preg)	KSRNAM 16,542,82
1T46	ivn-rbt TDLo:65 mg/kg (6-18D preg)	KSRNAM 16,542,82

TUMORIGENIC DATA AND REFERENCES:

3V01R60T64	ipr-rat TDLo:940 mg/kg/1Y-I	NCITR* NCI-CG-TR-32,77
2V02J60	ipr-mus TDLo:450 mg/kg/8W-I	CNREA8 33,3069,73
2V01V10	scu-mus TDLo:2600 mg/kg/65W-I	ARZNAD 29,483,79
3V01R60T64	ipr-rat TD :1872 mg/kg/1Y-I	NCITR* NCI-CG-TR-32,77
2V01P62	ipr-mus TD :3120 mg/kg/1Y-I	NCITR* NCI-CG-TR-32,77
2V02J60	ipr-mus TD :450 mg/kg/8W-I	CNREA8 33,3069,73

TOXICITY DATA AND REFERENCES:

3K13M13R21	orl-hmn TDLo:150 mg/kg	CNREA8 32,921,72
2P14P17	orl-hmn TDLo:100 mg/kg	CCYPBY 3,33,72
2M14P14	ivn-hmn TDLo:2298 mg/kg/3D-I	EJCAAH 12,195,76
2M14M20	ivn-hmn TDLo:1915 mg/kg/2W-I	LANCAO 2,657,80
3K13M14M30	ivn-hmn TDLo:130 mg/kg/13D-I	CNREA8 32,921,72
*	ipr-rat LD50:140 mg/kg	USXXAM #3732340
2R21U01	scu-rat LD50:350 mg/kg	ARZNAD 23,922,73
	ipr-mus LD50:540 mg/kg	TUMOAB 65,169,79
3F08M14V30	ivn-hmn TDLo:2873 mg/kg/5D-C	CNREA8 36,2945,76

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ZKKOBW 88,185,77; KDYIA5 10,82,76; SOLGAV 9(Suppl 1),8,82

★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED	IARC** 26,237,81

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-32,77)

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RP6150630 2H-1,3,2-OXAZAPHOSPHORINE, TETRAHYDRO-2-(BIS(2-CHLOROETHYL)AMINO)-4-((2-CARBOXYETHYL)THIO)-, 2-OXIDE

UPDT:8308 CAS: 70396-87-1 MW: 294.34 MOLFM: C10-H19-N2-O4-P-S

SYN: 4-S-(PROPIONIC ACID)-SULFIDOCYCLOPHOSPHAMIDE

MUTATION DATA AND REFERENCES:

	dnd-mus:leu 20 umol/L	CNREA8 40,4216,80

RP6156000 2H-1,3,2-OXAZAPHOSPHORINE, TETRAHYDRO-2-(BIS(2-CHLOROETHYL)AMINO)-5-METHYL-, 2-OXIDE

UPDT:8307 CAS: 22089-26-5 MW: 275.14 MOLFM: C8-H17-Cl2-N2-O2-P

SYN: B 717 * TETRAHYDRO-2-(BIS(2-CHLOROETHYL)AMINO)-5-METHYL-2H-1,3,2-OXAZAPHOSPHORINE 2-OXIDE

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:360 mg/kg	ARZNAD 11,143,61

RP6156500 2H-1,3,2-OXAZAPHOSPHORINE, TETRAHYDRO-2-(BIS(2-CHLOROETHYL)AMINO)-6-METHYL-, 2-OXIDE

UPDT:8307 MW: 239.69 MOLFM: C8-H17-Cl-N2-O2-P

SYN: B 576 * TETRAHYDRO-2-(BIS(2-CHLOROETHYL)AMINO)-6-METHYL-2H-1,3,2-OXAZAPHOSPHORINE 2-OXIDE

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:115 mg/kg	ARZNAD 11,143,61

RP6156550 2H-1,3,2-OXAZAPHOSPHORINE, TETRAHYDRO-2-(BIS(2-CHLOROETHYL)AMINO)-6-METHYL-, 2-OXIDE, (+ -)-cis-

UPDT:8307 MW: 275.14 MOLFM: C8-H17-Cl2-N2-O2-P

SYN: (+ -)-cis-2-(BIS(2-CHLOROETHYL)AMINO)-6-METHYLTETRAHYDRO-2H-1,3,2-OXAZAPHOSPHORINE 2-OXIDE * (+ -)-cis-6-METHYLCYCLOPHOSPHAMIDE

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:540 mg/kg	CBINA8 18,47,77

RP6156570 2H-1,3,2-OXAZAPHOSPHORINE, TETRAHYDRO-2-(BIS(2-CHLOROETHYL)AMINO)-6-METHYL-, 2-OXIDE, (+ -)-trans-

UPDT:8307 MW: 275.14 MOLFM: C8-H17-Cl2-N2-O2-P

SYN: (+ -)-trans-2-(BIS(2-CHLOROETHYL)AMINO)-6-METHYLTETRAHYDRO-2H-1,3,2-OXAZAPHOSPHORINE 2-OXIDE * (+ -)-trans-6-METHYLCYCLOPHOSPHAMIDE

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:385 mg/kg	CBINA8 18,47,77

OXAZEPAM see: DF1400000

RP6175000 1,2-OXAZETIDINIUM, 2-(2-CHLOROMETHYL)-2-METHYL-, PICRATE

UPDT:8406 MW: 365.74 MOLFM: C5-H11-Cl-N-O C6-H3-N3-O7

SYN: 2-(2-CHLOROMETHYL)-2-METHYL-1,2-OXAZETIDINIUM PICRATE

TOXICITY DATA AND REFERENCES:

1F12	ipr-mus LD50:106 mg/kg	JJPAAZ 10,47,60

OXAZIL see: BR9808000

RP6198060 2H-1,2-OXAZINE, 3,6-DIHYDRO-2-NITROSO-

UPDT:8401 CAS: 3276-41-3 MW: 114.12 MOLFM: C4-H6-N2-O2

SYN: N-NITROSO-3,6-DIHYDROOXAZIN-1,2 (German) * N-NITROSO-3,6-DIHYDRO-1,2-OXAZIN * N-NITROSO-3,6-DIHYDRO-1,2-OXAZINE

TUMORIGENIC DATA AND REFERENCES:

3V02L60R60	orl-rat TDLo:22 gm/kg/94W-I	ZKKOBW 79,114,73

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:900 mg/kg	ZKKOBW 79,114,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RP6300000 2H-1,3-OXAZINE-2,4(3H)-DIONE, 5,5-DIETHYLDIHYDRO-

UPDT:8403 CAS: 702-54-5 MW: 171.22 MOLFM: C8-H13-N-O3

SYN: DIETADIONE (Italian) * DIETHADION * DIETHADIONE * 5,5-DIETHYLDIHYDRO-2H-1,3-OXAZINE-2,4(3H)-DIONE * 5,5-DIETHYL-1,3-OXAZIN-2,4-DIONE * 5,5-DIETHYL-1,3-OXAZINE-2,4-DIONE * 5,5-DIETILDIIDRO-1,3-OSSAZIN-2,4-DIONE (Italian) * 5,5-DIETHYLTETRAHYDRO-2H-1,3-OXAZINE-2,4(3H)-DIONE * DIETROXINE * DIHYDRO-5,5-DIETHYL-2H-1,3-OXAZINE-2,4(3H)-DIONE * DIIDRO-5,5-DIETIL-2H-1,3-OSSAZIN-2,4(3H)-DIONE (Italian) * DIOXONE * L 1811 * LEDOSTEN * LEPTON * PERSISTEN * TOCE * TOCEN

TOXICITY DATA AND REFERENCES:

1F12	orl-rat LD50:71 mg/kg	JPPMAB 13,244,61
1F12	ipr-rat LD50:32 mg/kg	JPPMAB 13,244,61
	scu-rat LD50:39 mg/kg	JPPMAB 13,244,61
	orl-mus LD50:81 mg/kg	RPOBAR 2,282,70
	ipr-mus LD50:49 mg/kg	RPOBAR 2,281,70
	scu-mus LD50:61 mg/kg	RPOBAR 2,281,70
	ivn-mus LD50:32 mg/kg	JPPMAB 13,244,61
	ims-mus LD50:45 mg/kg	RPOBAR 2,281,70

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RP6320000 2H-1,3-OXAZINE-2,4(3H)-DIONE, 5-beta-D-RIBOFURANOSYL-

UPDT:8309 CAS: 32388-21-9 MW: 245.21 MOLFM: C9-H11-N-O7

SYN: MINIMYCIN * OXAZINOMYCIN * 5-beta-D-RIBOFURANOSYL-1,3-OXAZINE-2,4-DIONE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:5 mg/kg	85GDA2 5,281,81
*	scu-mus LD50:20 mg/kg	85ERAY 2,1320,78
*	ivn-mus LD50:50 mg/kg	85GDA2 5,281,81

2H-1,2-OXAZINE, 2-NITROSOTETRAHYDRO- see: RP6430000

RP6400000 1,3-OXAZINE, 3-NITROSO-TETRAHYDRO-

UPDT:8401 CAS: 35627-29-3 MW: 116.14 MOLFM: C4-H8-N2-O2

SYN: N-NITROSOTETRAHYDROOXAZIN-1,3 (German) * N-NITROSO-TETRAHYDRO-1,3-OXAZINE

TUMORIGENIC DATA AND REFERENCES:

3V01L60P61	orl-rat TDLo:250 gm/kg/50W-I	CRNGDP 3,911,82
3V03J60L60	orl-rat TD :2900 mg/kg/24W-I	ZKKOBW 82,257,74

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:600 mg/kg	ZKKOBW 82,257,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2H-1,4-OXAZINE, TETRAHYDRO- see: QD6475000

4H-1,4-OXAZINE, TETRAHYDRO- see: QD6475000

RP6430000 2H-1,2-OXAZINE, TETRAHYDRO-2-NITROSO-

UPDT:8401 CAS: 40548-68-3 MW: 116.14 MOLFM: C4-H8-N2-O2

SYN: N-NITROSO-TETRAHYDROOXAZIN-1,2 (German) * N-NITROSOTETRAHYDRO-1,2-OXAZIN * N-NITROSO-TETRAHYDRO-1,2-OXAZINE * 2H-1,2-OXAZINE, 2-NITROSOTETRAHYDRO-

TUMORIGENIC DATA AND REFERENCES:

3V01J60R60	orl-rat TDLo:18 gm/kg/63W-I	ZKKOBW 79,114,73

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:830 mg/kg	ZKKOBW 79,114,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OXAZINOMYCIN see: RP6320000

OXAZOCILLIN see: XH9000000

OXAZOLE, 2-(p-AMINOPHENYLSULFONYLAMINO)-4,5-DIMETHYL- see: WO9150000

RP6990000 2-OXAZOLEPROPIONIC ACID, 4,5-DIPHENYL-

UPDT:8412 CAS: 21256-18-8 MW: 293.34 MOLFM: C18-H15-N-O3

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T46T47T48	orl-rat TDLo:220 mg/kg (7-17D preg)	IYKEDH 15,225,84
2T49T53	orl-rat TDLo:1375 mg/kg (7-17D preg)	IYKEDH 15,225,84
1T81	orl-rat TDLo:540 mg/kg (17-22D preg/21D post)	IYKEDH 15,265,84
1T34	orl-rat TDLo:1620 mg/kg (8W male/2W pre-7D preg)	IYKEDH 15,207,84
2T35T46	orl-rbt TDLo:39 mg/kg (6-18D preg)	IYKEDH 15,250,84
1T34	orl-rbt TDLo:390 mg/kg (6-18D preg)	IYKEDH 15,250,84
1T26	orl-rbt TDLo:520 mg/kg (6-18D preg)	IYKEDH 15,250,84

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OXAZOLIDIN see: UQ8400000

OXAZOLIDINE A see: RP7211000

RP7190000 OXAZOLIDINE-5-CARBOXYLIC ACID, 3-(3,5-DICHLOROPHENYL)-2,4-DIOXO-5-METHYL-, ETHYL ESTER

UPDT:8309 MW: 332.15 MOLFM: C13-H11-Cl2-N-O5

SYN: DICHLOZOLINATE * ETHYL 3-(3,5-DICHLOROPHENYL)-5-METHYL-2,4-DIOXO-5-OXAZOLIDINE CARBOXYLATE * M 8164 * SERINAL

TOXICITY DATA AND REFERENCES:

*	skn-rat LD50:5000 mg/kg	FMCHA2 -,C212,83

RP7207400 OXAZOLIDINE, 2-((DICYCLOPROPYLMETHYL)IMINO)-

UPDT:8311 MW: 155.25 MOLFM: C8-H15-N2-O

SYN: 2-((DICYCLOPROPYLMETHYL)IMINO)OXAZOLIDINE

MUTATION DATA AND REFERENCES:

	mmo-sat 1 umol/plate	ENMUDM 5,527,83

RP7211000 OXAZOLIDINE, 4,4-DIMETHYL-
UPDT:8306 CAS: 51200-87-4 MW: 101.17 MOLFM: C5-H11-N-O
SYN: DIMETHYL OXAZOLIDINE * 4,4-DIMETHYLOXAZOLIDINE * OXAZOLIDINE A
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:950 mg/kg CTOIDG 96,79,81
* ihl-rat LD50:11700 mg/m3 CTOIDG 96,79,81
* skn-rbt LD50:1400 mg/kg CTOIDG 96,79,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0283-0470

RP8480000 2,4-OXAZOLIDINEDIONE, 3-(3,5-DICHLOROPHENYL)-5,5-DIMETHYL-
UPDT:8309 CAS: 24201-58-9 MW: 274.11 MOLFM: C11-H9-Cl2-N-O3
SYN: DDOD * 3-(3,5-DICHLOROPHENYL-5,5-DIMETHYL OXAZOLINE-DIONE-2,4 * DICHLOZOLINE * SCLEX
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3000 mg/kg FMCHA2 -,C211,83

RP8500000 2,4-OXAZOLIDINEDIONE, 3-(3,5-DICHLOROPHENYL)-5-METHYL-5-OXIRANYL-
UPDT:8403 CAS: 82532-83-0 MW: 302.12 MOLFM: C12-H9-Cl2-N-O4
SYN: 3-(3,5-DICHLOROPHENYL)-5-METHYL-5-OXIRANYL-2,4-OXAZOLIDINEDIONE * VINCLOZOLIN EPOXIDE
MUTATION DATA AND REFERENCES:
mmo-sat 100 mg/L ARTODN (Suppl 5),345,82
mmo-ssp 100 mg/L ARTODN (Suppl 5),345,82

RP8530000 2,4-OXAZOLIDINEDIONE, 3-(3,5-DICHLOROPHENYL)-5-METHYL-5-VINYL-
UPDT:8403 CAS: 50471-44-8 MW: 286.12 MOLFM: C12-H9-Cl2-N-O3
SYN: BAS 352 F * 3-(3,5-DICHLOROPHENYL)-5-ETHENYL-5-METHYL-2,4-OXAZOLIDINEDIONE * 3-(3,5-DICHLORPHENYL)-5-METHYL-5-VINYL-1,3-OXAZOLIDIN-2,4-DION (German) * RONILAN * VINCLOZOLIN (German)
MUTATION DATA AND REFERENCES:
mmo-sat 100 mg/L ARTODN (Suppl 5),345,82
mmo-ssp 100 mg/L ARTODN (Suppl 5),345,82
TOXICITY DATA AND REFERENCES:
orl-gpg LD50:8000 mg/kg 85DPAN -,-,71/76

RP9100000 2,4-OXAZOLIDINEDIONE, 5,5-DIMETHYL-
UPDT:8403 CAS: 695-53-4 MW: 129.13 MOLFM: C5-H7-N-O3
SYN: AC 1198 * BAX 1400Z * DIMETHADIONE * DIMETHYLOXAZOLIDINEDIONE * 5,5-DIMETHYLOXAZOLIDINE-2,4-DIONE * 5,5-DIMETHYL-2,4-OXAZOLIDINEDIONE * DMO * EUPRACTONE * NSC-30152 * PROPAZONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T45T55 orl-rat TDLo:4330 mg/kg (6-15D preg) TXCYAC 9,155,78
1T26 orl-rat TDLo:5410 mg/kg (6-15D preg) TXCYAC 9,155,78
1T34 orl-rat TDLo:1134 mg/kg (1-21D preg) TXCYAC 9,155,78
1T46 orl-rat TDLo:540 mg/kg (6-15D preg) TXCYAC 9,155,78
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:450 mg/kg MEIEDD 10,468,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RP9800000 2,4-OXAZOLIDINEDIONE, 5-ETHYL-3,5-DIMETHYL-
UPDT:8309 CAS: 115-67-3 MW: 157.19 MOLFM: C7-H11-N-O3
SYN: A 348 * 3,5-DIMETHYL-5-ETHYLOXAZOLIDINE-2,4-DIONE * 5-ETHYL-3,5-DIMETHYLOXAZOLIDINE-2,4-DIONE * ISOETHADIONE * PARADIONE * PARAMETADIONE * PARAMETHADIONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T26T34T35 orl-rat TDLo:2640 mg/kg (6-15D preg) TXAPA9 37,126,76
2T46T55 orl-rat TDLo:2640 mg/kg (6-15D preg) TXAPA9 37,126,76
2T46T47 unk-mus TDLo:1273 mg/kg (8-10D preg) FEPRA7 38,438,79
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1000 mg/kg 27ZQAG -,280,72
ipr-mus LD50:750 mg/kg 27ZQAG -,280,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJMEAZ 38,409,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RQ2100000 2,4-OXAZOLIDINEDIONE, 3,5,5-TRIMETHYL-
UPDT:8408 CAS: 127-48-0 MW: 143.16 MOLFM: C6-H9-N-O3
SYN: A 2297 * ABSENTOL * ABSETIL * CONVENIXA * CONVEXINA * EDION * EPIDIONE * EPIDONE * ETYDION * MINOALEUIATIN * PETIDION * PETIDON * PETILEP * PITMAL * PETIMALIN * PTIMAL * TIOXANONA * TREDIONE * TRICIONE * TRIDILONA * TRIDIONE * TRIDONE * TRILIDONA * TRIMEDAL * TRIMEDONE * TRIMETADIONE * TRIMETHADIONE * TRIMETHIN * 3,3,5-TRIMETHYL-2,4-DIKETOOXAZOLIDINE * 3,5,5-TRIMETHYL-2,4-OXAZOLIDINEDIONE * TRIMETIN * TROXIDONE * TRIOZANONA * TROMEDONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T43T46T47 orl-wmn TDLo:6480 mg/kg (1-39W preg) AJDCAI 129,1229,75
2T86T87 orl-wmn TDLo:6480 mg/kg (1-39W preg) AJDCAI 129,1229,75
1T53 unk-wmn TDLo:6384 mg/kg (1-38W preg) LANCAO 2,839,72
1T46 orl-rat TDLo:800 mg/kg (9D preg) TJADAB 24(2),39A,81
3T26T34T35 orl-rat TDLo:2400 mg/kg (6-15D preg) TXAPA9 37,126,76
2T76T85 orl-rat TDLo:1 gm/kg (15-18D preg) JPETAB 227,274,83
3T42T45T47 orl-rat TDLo:2 gm/kg (9-13D preg) TJADAB 24(2),39A,81
1T53 orl-rat TDLo:2 gm/kg (9-13D preg) TJADAB 24(2),39A,81
2T46T47 orl-mus TDLo:837 mg/kg (8-10D preg) PHMCAA 20,263,78
1T35 orl-mus TDLo:2232 mg/kg (8-10D preg) PHMCAA 20,263,78
2T43T46 orl-mus TDLo:3300 mg/kg (7-12D preg) ANREAK 205,218A,83
2T46T47 ipr-mus TDLo:237 mg/kg (8-10D preg) PHMCAA 20,263,78
1T35 ipr-mus TDLo:2232 mg/kg (8-10D preg) PHMCAA 20,263,78
1T59 ipr-mus TDLo:661 mg/kg (8-10D preg) TCMUD8 2,61,82
2T46T47 unk-mus TDLo:837 mg/kg (8-10D preg) FEPRA7 38,438,79
TOXICITY DATA AND REFERENCES:
unk-man LDLo:88 mg/kg 85DCAI 2,73,70
orl-rat LD50:2290 mg/kg 27ZQAG -,312,72
scu-rat LD50:2000 mg/kg 27ZQAG -,312,72
1F02 orl-mus LD50:2500 mg/kg JJPAAZ 19,472,69
ipr-mus LD50:2122 mg/kg THHUAF 26,119,78
ivn-mus LD50:2000 mg/kg JLCMAK 31,1330,46
ipr-cat LDLo:2000 mg/kg JLCMAK 31,1330,46
ipr-rbt LD50:1500 mg/kg JLCMAK 31,1330,46
ivn-rbt LD50:1500 mg/kg JLCMAK 31,1330,46
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AUHPAI 4(1),5,74; PRSMA4 63,48,70; AJMEAZ 38,409,65; AJDCAI 131,1337,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RQ2127000 1,3-OXAZOLIDINE, 2-METHYL-3-NITROSO-
UPDT:8303 MW: 116.14 MOLFM: C4-H8-N2-O2
SYN: 2-METHYL-3-NITROSO-1,3-OXAZOLIDINE * N-NITROSO-2-METHYL-1,3-OXAZOLIDINE * NITROSO-2-METHYL-1,3-OXAZOLIDINE
MUTATION DATA AND REFERENCES:
mmo-sat 500 ug/plate TCMUD8 1,295,80
mmo-sat 250 ug/plate TCMUD8 1,295,80
TUMORIGENIC DATA AND REFERENCES:
3V01L60P61 orl-rat TDLo:250 mg/kg/50W-I CRNGDP 3,911,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RQ2127500 1,3-OXAZOLIDINE, 5-METHYL-3-NITROSO-
UPDT:8411 MW: 116.14 MOLFM: C4-H8-N2-O2
SYN: 5-METHYL-3-NITROSO-1,3-OXAZOLIDINE * NITROSO-5-METHYLOXAZOLIDONE * NITROSO-5-METHYL-1,3-OXAZOLIDINE * N-NITROSO-5-METHYL-1,3-OXAZOLIDINE
MUTATION DATA AND REFERENCES:
mmo-sat 250 ug/plate TCMUD8 1,295,80
mmo-sat 50 ug/plate TCMUD8 1,295,80
TUMORIGENIC DATA AND REFERENCES:
3V01L60P61 orl-rat TDLo:250 gm/kg/50W-I CRNGDP ,911,82
2V01R60 skn-mus TDLo:465 mg/kg/50W-I CNREA8 -3,214,83
3V03L60I61 orl-ham TDLo:960 mg/kg/24W-I CRNGDP ",875,84
3V03J60K60 orl-rat TD :1200 mg/kg/40W-C CNREA8 43,214,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RQ2130000 OXAZOLIDINE, 5-METHYL-2-TRIFLUOROMETHYL-
UPDT:8401 CAS: 31185-56-5 MW: 155.14 MOLFM: C5-H8-F3-N-O
SYN: 5-METHYL-2-TRIFLUOROMETHYLOXAZOLIDINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1000 mg/kg JMCMAR 13,1212,70

RQ2135000 OXAZOLIDINE, N-NITROSO-
UPDT:8411 CAS: 39884-52-1 MW: 102.11 MOLFM: C3-H6-N2-O2
SYN: N-NITROSOOXAZOLIDIN (German) * NITROSOOXAZOLIDONE * N-NITROSOOXAZOLIDINE
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate TCMUD8 1,295,80
mmo-sat 100 ug/plate TCMUD8 1,295,80
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rt TDLo:790 mg/kg/36W-I ZKKOBW 88,25,76
2V01R60 skn-mus TDLo:408 mg/kg/50W-I CNREA8 43,214,83
2V03L60 orl-ham TDLo:1288 mg/kg/35W-I CRNGDP 5,875,84
3V01K60P62 orl-rat TD :1080 mg/kg/40W-C CNREA8 43,214,83
3V01L60P61 orl-rat TD :219 gm/kg/50W-I CRNGDP 3,911,82
2V01L60 orl-rat TD :1500 mg/kg/30W-I ZKKOBW 88,25,76
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1500 mg/kg ZKKOBW 88,25,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RQ2150000 2-OXAZOLIDINETHIONE, 5-((m-tert-BUTYLPHENOXY)METHYL)-
UPDT:8310 MW: 265.40 MOLFM: C14-H19-N-O2-S
SYN: 5-((m-tert-BUTYLPHENOXY)METHYL)-2-OXAZOLIDINETHIONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-rat TDLo:350 mg/kg (7D pre) JMCMAR 9,155,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-OXAZOLIDINETHIONE, 5-ETHENYL-, (R)- (9CI) see: RQ2280000

RQ2275000 2-OXAZOLIDINETHIONE, 5-(((alpha,alpha,alpha-TRIFLUORO-m-TOLYL)OXY)METHYL)-
UPDT:8408 CAS: 3414-47-9 MW: 265.27 MOLFM: C10-H10-F3-N-O2-S
SYN: 5-(alpha,alpha,alpha-TRIFLUORO-m-TOLYLOXYMETHYL)-2-OXAZOLIDINETHIONE * U-11,634
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T22T29 orl-rat TDLo:87500 ug/kg (1D pre/1-6D preg) TXAPA9 10,322,67
1T24 orl-rat TDLo:25 mg/kg (4D preg) JRFSAR 4,15,68
2T22T29 scu-rat TDLo:87500 ug/kg (1D pre/1-6D preg) TXAPA9 10,322,67
1T24 scu-rat TDLo:25 mg/kg (4D preg) JRFSAR 4,15,68
1T29 orl-mus TDLo:80 mg/kg (1-8D preg) JRPFA4 11,85,66
1T29 scu-mus TDLo:320 mg/kg (1-8D preg) JRPFA4 11,85,66
TOXICITY DATA AND REFERENCES:
orl-rat LD50:524 mg/kg TXAPA9 10,322,67
* scu-rat LD50:1197 mg/kg JRPFA4 11,85,66
ipr-mus LD50:451 mg/kg TXAPA9 10,322,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RQ2280000 2-OXAZOLIDINETHIONE, 5-VINYL-, (R)-
UPDT:8408 CAS: 1072-93-1 MW: 129.19 MOLFM: C5-H7-N-O-S
SYN: BA 51-090278 * D-GOITRIN * (R)-GOITRIN * 2-OXAZOLIDINETHIONE, 5-ETHENYL-, (R)- (9CI) * R-5-VINYL-2-OXAZOLIDINETHIONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 scu-rat TDLo:200 mg/kg (8-9D preg) FCTXAV 18,159,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RQ2320000 OXAZOLIDINE, 2-(2,6-XYLYLIMINO)-
UPDT:8311 MW: 190.27 MOLFM: C11-H14-N2-O
SYN: 2-(2,6-XYLYLIMINO)OXAZOLIDINE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate ENMUDM 5,527,83

OXAZOLIDIN-GEIGY see: UQ8400000

OXAZOLIDINONE see: RQ3500000

RQ2450000 2-OXAZOLIDINONE
UPDT:8401 CAS: 497-25-6 MW: 87.09 MOLFM: C3-H5-N-O2
SYN: CARBAMIC ACID, (2-HYDROXYETHYL)-, gamma-LACTONE * OXAZOLIDONE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-mus TDLo:1000 mg/kg BCPCA6 2,168,59
2V03R60 ipr-mus TDLo:400 mg/kg BCPCA6 2,168,59
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RQ2975000 4-OXAZOLIDINONE, 2-IMINO-5-PHENYL-
UPDT:8403 CAS: 2152-34-3 MW: 176.19 MOLFM: C9-H8-N2-O2
SYN: A 13397 * 2-AMINO-5-PHENYL-4(5H)-OXAZOLONE * AZOKSODON * AZOXODONE * CENTRAMIN * CONSTIMOL * CS 293 * DANTROMIN * DELTAMINE * ENDOLIN * FENOXAZOL * FIO * FWH-352 * H 3104 * HYTON * 2-IMINO-5-PHENYL-4-OXAZOLIDINONE * JUSTON-WIRKSTOFF * KETHAMED * LA 956 * MYAMIN * NITAN * NOTAIR * NPL 1 * OKODON * P 10 * PEMOLINA (Italian) * PEMOLINE * PHENALONE * PHENILONE * PHENOXAZOLE * 5-PHENYL-2-IMINO-4-OXAZOLIDINONE * 5-PHENYL-2-IMINO-4-OXOOXAZOLIDINE * PHENYLISOHYDANTOIN * PHENYLPSEUDOHYDANTOIN * PIO * PIOXOL * POMOLINE * PONDEX * PT 360 * PN 135 * RONYL * SIGMADYN * SISTRAL * SOFRO * STIMUL * TRADON * TRADONE * VOLITAL * VOLITOL * YH 1
TOXICITY DATA AND REFERENCES:
orl-rat LD50:500 mg/kg TXAPA9 21,315,72
ipr-rat LD50:820 mg/kg CJBPAZ 40,501,62
3A11F07F17 orl-mus LD50:500 mg/kg JMCMAR 12,919,69
3A11F07F17 ipr-mus LD50:500 mg/kg JMCMAR 12,919,69
orl-bwd LD50:100 mg/kg TXAPA9 21,315,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RQ3500000 2-OXAZOLIDINONE, 5-((o-METHOXYPHENOXY)METHYL)-
UPDT:8403 CAS: 70-07-5 MW: 223.25 MOLFM: C11-H13-N-O4
SYN: AHR 233 * CL 27,319 * CONTROL * CONTROL-OM * DORSIFLEX * DORSILON * EKILAN * LENETRAN * LENETRAN TAB * LENETRANAT * MEFENOXALONA * MEFENOXALONE * MEPHENOXALONE * METHOXADONE * METHOXYDON(E) * 5-(o-METHOXYPHENOXYMETHYL)-2-OXAZOLIDINONE * 5-(o-METHOXYPHENOXYMETHYL)-2-OXAZOLIDONE * METOXADONE * MODERAMIN * UM 518 * OXAZOLIDINONE * PLACIDEX * REPOISE * RISELF * TRANSPOISE * TREPIDONE * VALANAS * XERENE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3820 mg/kg TXAPA9 6,642,64

	ipr-mus LD50:800 mg/kg	RAMAAB 74,82,60
	orl-dog LDLo:480 mg/kg	TXAPA9 4,220,62

RQ3550000 2-OXAZOLIDINONE, 3-METHYL-

UPDT:8307 CAS: 19836-78-3 MW: 101.12 MOLFM: C4-H7-N-O2

SYN: 3-METHYL-2-OXAZOLIDONE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:7130 mg/kg	AIHAAP 30,470,69
*	skn-rbt LD50:10800 mg/kg	AIHAAP 30,470,69

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

RQ3620000 2-OXAZOLIDINONE, 5-(MORPHOLINOMETHYL)-3-((5-NITROFURFURYLIDENE)AMINO)-

UPDT:8408 CAS: 139-91-3 MW: 324.33 MOLFM: C13-H16-N4-O6

SYN: ALTABACTINA * ALTAFUR * F-150 * FURALTADONE * FURAZOLIN * FURAZOLINE * FURMETHANOL * FURMETHONOL * FURMETONOL * IBIFUR * MEDIFURAN * 5-MORPHOLINOMETHYL-3-(5-NITRO-2-FURFURYLIDINE-AMINO)-2-OXAZOLIDINONE * NF 260 * NITRALDONE * NITROFURMETHONE * NITROFURMETON * OTIFURIL * SEPSINOL * ULTRAFUR * UNIFUR * VALSYN

MUTATION DATA AND REFERENCES:

	mmo-sat 2500 ng/plate	MUREAV 136,1,84
	mmo-esc 10 ug/plate	MUREAV 26,3,74
	pic-esc 5 mg/L	CJMIAZ 10,932,64

TOXICITY DATA AND REFERENCES:

3F25J25M16	ipr-mus LD50:1000 mg/kg	JPPMAB 16,663,64

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

RQ3630000 2-OXAZOLIDINONE, 5-(MORPHOLINOMETHYL)-3-((5-NITROFURFURYLIDENE)AMINO)-, MONOHYDROCHLORIDE

UPDT:8407 CAS: 3759-92-0 MW: 360.79 MOLFM: C13-H16-N4-O6 Cl-H

SYN: FURALTADONE HYDROCHLORIDE * 5-MORPHOLINOMETHYL-3-(5-NITROFURFURYLIDINE)AMINO-2-OXAZOLIDINONE HYDROCHLORIDE * NF-269 * NF-902 HYDROCHLORIDE

MUTATION DATA AND REFERENCES:

	mmo-esc 100 umol/L	RAREAE 75,424,78

TOXICITY DATA AND REFERENCES:

3F25J25M16	orl-mus LD50:1000 mg/kg	JPPMAB 16,663,64
3F25J25M16	ipr-mus LD50:190 mg/kg	JPPMAB 16,663,64

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

RQ3640000 2-OXAZOLIDINONE, 5-(MORPHOLINOMETHYL)-3-((5-NITROFURFURYLIDENE)AMINO)-, L-, MONOHYDROCHLORIDE

UPDT:8401 CAS: 3031-51-4 MW: 360.79 MOLFM: C13-H16-N4-O6 Cl-H

SYN: FURALTADONE * FURMETHONOL * levo-5-(MORPHOLINOMETHYL)-3-((5-NITROFURFURYLIDENE)AMINO)-2-OXAZOLIDINONE HYDROCHLORIDE * NF-260

MUTATION DATA AND REFERENCES:

	mmo-eug 10 mg/L	JPROAR 17,129,70

TUMORIGENIC DATA AND REFERENCES:

3V01M61R60	orl-rat TDLo:25 gm/kg/46W-C	JNCIAM 51,403,73

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:600 mg/kg	FRPSAX 19,269,64
*	ivn-mus LD50:400 mg/kg	FRPSAX 19,269,64

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CCSUDL 4,171,78

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 7,161,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RQ3640500 2-OXAZOLIDINONE, 5-(MORPHOLINOMETHYL)-3-((5-NITROFURFURYLIDENE)AMINO)-, METHIODIDE

UPDT:8406 MW: 466.27 MOLFM: C13-H16-N4-O6 C-H3-I

SYN: 5-(MORPHOLINOMETHYL)-3-((5-NITROFURFURYLIDENE)AMINO)-2-OXAZOLIDINONE METHIODIDE

TOXICITY DATA AND REFERENCES:

3F25J25M16	ipr-mus LD50:430 mg/kg	JPPMAB 16,663,64

RQ3641000 2-OXAZOLIDINONE, 5-(MORPHOLINOMETHYL)-3-(((5-NITRO-2-FUROYL)METHYLENE)AMINO)-

UPDT:8406 MW: 352.34 MOLFM: C14-H16-N4-O7

SYN: 5-(MORPHOLINOMETHYL)-3-(((5-NITRO-2-FUROYL)METHYLENE)AMINO)-2-OXAZOLIDINONE

TOXICITY DATA AND REFERENCES:

3F25J25M16	orl-mus LD50:300 mg/kg	JPPMAB 16,663,64
3F25J25M16	ipr-mus LD50:64 mg/kg	JPPMAB 16,663,64

RQ3641500 2-OXAZOLIDINONE, 5-(MORPHOLINOMETHYL)-3-(((5-NITRO-2-FUROYL)METHYLENE)AMINO)-, HYDROCHLORIDE

UPDT:8406 MW: 388.80 MOLFM: C14-H16-N4-O7 Cl-H

SYN: 5-(MORPHOLINOMETHYL)-3-(((5-NITRO-2-FUROYL)METHYLENE)AMINO)-2-OXAZOLIDINONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F25J25M16	orl-mus LD50:300 mg/kg	JPPMAB 16,663,64
3F25J25M16	ipr-mus LD50:65 mg/kg	JPPMAB 16,663,64

RQ3642000 2-OXAZOLIDINONE, 5-(MORPHOLINOMETHYL)-3-(((5-NITRO-2-FUROYL)METHYLENE)AMINO)-, METHIODIDE

UPDT:8406 MW: 494.28 MOLFM: C14-H16-N4-O7 C-H3-I

SYN: 5-(MORPHOLINOMETHYL)-3-(((5-NITRO-2-FUROYL)METHYLENE)AMINO)-2-OXAZOLIDINONE METHIODIDE

TOXICITY DATA AND REFERENCES:

3F25J25M16	ipr-mus LD50:390 mg/kg	JPPMAB 16,663,64

RQ3644000 2-OXAZOLIDINONE, 5-(MORPHOLINOMETHYL)-3-((5-NITRO-1-METHYL-2-IMIDAZOLYL)METHYLENEAMINO)-, HYDROCHLORIDE

UPDT:8401 CAS: 52279-59-1 MW: 374.83 MOLFM: C13-H18-N6-O5 Cl-H

SYN: MOXNIDAZOLE * 3-(5-NITRO-1-METHYL-2-IMIDAZOLYL)-METHYLENE-AMINO-5-MORPHOLINO-METHYL-2-OXAZOLIDONE HCl

MUTATION DATA AND REFERENCES:

	mmo-esc 28 umol/L	JEPTDQ 2(3),657,79
	sln-dmg-orl 10 mmol/L	JEPTDQ 2(3),657,79
	slt-mus-orl 3 gm/kg	EXPEAM 34,500,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T33	orl-mus TDLo:3 gm/kg (8-10D preg)	EXPEAM 34,500,78

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-OXAZOLIDINONE, 3-(((5-NITRO-2-FURANYL)METHYLENE)AMINO)- see: RQ3675000

RQ3675000 2-OXAZOLIDINONE, 3-(5-NITROFURFURYLIDINE-AMINO)-

UPDT:8406 CAS: 67-45-8 MW: 225.18 MOLFM: C8-H7-N3-O5

SYN: BIFURON * CORIZIUM * DIAFURON * ENTEROTOXON * FURAXON * FURAXONE * FURAZOL * FURAZOLIDON * FURAZOLIDONE * FURAZON * FURIDON * FUROVAG * FUROX * FUROXAL * FUROXANE * FUROXONE * FUROXONE SWINE MIX * FUROZOLID'NE * GIARDIL * GIARLAM * MEDARON * NEFTIN * NF-180 * NF 180 CUSTOM MIX TEN * NICOLEN * NIFULIDONE * NIFURAN * 3-(((5-NITRO-2-FURANYL)METHYLENE)AMINO)-2-OXAZOLIDINONE * NITROFURAZOLIDONE * NITROFURAZOLIDONUM * 3-(5-NITROFURFURALAMINO)-2-OXAZOLIDONE * N-(5-NITRO-2-FURFURYLIDENE)-3-AMINOOXAZOLIDINE-2-ONE * 3-((5-NITROFURFURYLIDENE)AMINO)-2-OXAZOLIDONE * N-(5-NITRO-2-FURFURYLIDENE)-3-AMINO-2-OXAZOLIDONE * NITROFUROXON * 3-((5-NITROFURYLIDENE)AMINO)-2-OXAZOLIDONE * 5-NITRO-N-(2-OXO-3-OXAZOLIDINYL)-2-FURANMETHANIMINE * OPTAZOL * ORTAZOL * 2-OXAZOLIDINONE, 3-(((5-NITRO-2-FURANYL)METHYLENE)AMINO)- * PURADIN * ROPTAZOL * SCLAVENTEROL * TIKOFURAN * TOPAZONE * TRICHOFURON * TRICOFURON * TRIFUROX * USAF EA-1 * VIOFURAGYN

MUTATION DATA AND REFERENCES:

	mmo-sat 30 ng/plate	JOPHDQ 1,256,78
	mmo-sat 500 ng/plate	MUREAV 77,21,80
	mmo-esc 15200 ng/plate	CBINA8 31,151,80
	mmo-esc 500 ng/plate	MUREAV 77,21,80
	dnr-esc 5 umol/L	MUREAV 67,133,79
	pic-esc 2500 ug/L	CJMIAZ 10,932,64
	mrc-bcs 100 ng/disc	MUREAV 77,21,80
	mmo-omi 7 mg/L	CBINA8 45,315,83
	dnd-omi 500 ug/L	CBINA8 45,315,83
	dni-omi 500 ug/L	BBACAQ 402,161,75
	oms-omi 50 ug/L	IJEBA6 11,134,73
	sln-dmg-orl 500 umol/L/3D	MUREAV 56,95,77
	mmo-asn 200 ug/plate	MUREAV 97,293,82
	mmo-eug 8 mg/L	JPROAR 12,34,65
	cyt-hmn:lym 2 mg/L/72H	MUREAV 59,139,79
	sce-hmn:lym 200 ug/L/72H	MUREAV 59,139,79
	dns-rat:lvr 100 umol/L	ENMUDM 3,11,81
	dnd-mam:lym 16 umol/L	BBACAQ 402,161,75
	cyt-pig:leu 50 ug/L	RVMVAH 126,1611,75
	cyt-dom:leu 50 ug/L	RVMVAH 126,1611,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:700 mg/kg (7D male)	APJAAG 14,261,64
2T02T09	orl-rat TDLo:840 mg/kg (14D male)	ENDOAO 58,585,53
1T27	orl-mus TDLo:1 gm/kg (1D preg)	JOENAK 15,355,57

TOXICITY DATA AND REFERENCES:

3J22J25P16	orl-man TDLo:11 mg/kg	ARDSBL 105,823,72
	orl-rat LD50:2336 mg/kg	TXAPA9 18,185,71
*	orl-mus LD50:1782 mg/kg	TRSTAZ 74,43,80
	ipr-mus LD50:300 mg/kg	PMDCAY 5,320,67
	orl-ckn LDLo:150 mg/kg	CLDND*

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 31,141,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RQ3678000 2-OXAZOLIDINONE, 3-(((5-NITRO-2-FUROYL)METHYLENE)AMINO)-

UPDT:8406 MW: 253.19 MOLFM: C9-H7-N3-O6

SYN: 3-(((5-NITRO-2-FUROYL)METHYLENE)AMINO)-2-OXAZOLIDINONE * 3-(5-NITRO-2-FURYLGLYOXYLIDENEAMINO)-2-OXAZOLIDONE

TOXICITY DATA AND REFERENCES:

3F25J25M16	ipr-mus LD50:88 mg/kg	JPPMAB 16,663,64

1-(2-OXAZOLIDINYLIDENEAMINO)INDOLE see: NM1199000

1-(2-OXAZOLIDINYLIDENEAMINO)NAPHTHALENE see: QK0270000

OXAZOLIDONE see: RQ2450000

RQ5804000 2-OXAZOLIN-4-ONE, 5-(1-INDOL-3-YLETHYL)-2-(METHYLAMINO)-, (1R,5S)-(-)-

UPDT:8309 CAS: 21200-24-8 MW: 258.33 MOLFM: C14-H16-N3-O2

SYN: INDOLMYCIN * (1R,5S)-(-)-5-(1-INDOL-3-YLETHYL)-2-(METHYLAMINO)-2-OXAZOLIN-4-ONE * PA-155-A

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:800 mg/kg	85GDA2 5,127,81
*	ims-mus LD50:800 mg/kg	85GDA2 5,128,81

RQ5831350 OXAZOLO(3,2-d)(1,4)BENZODIAZEPIN-6(5H)-ONE, 10-CHLORO-11b-(o-CHLOROPHENYL)-2,3,7,11b- TETRAHYDRO-

UPDT:8403 CAS: 24166-13-0 MW: 349.23 MOLFM: C17-H14-Cl2-N2-O2

SYN: CLOXAZOLAM * CLOXAZOLAZEPAM * CS 370 * ENADEL * MT 14-411 * OLCADIL * SEPAZON

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	orl-mus TDLo:1800 mg/kg (7-12D preg)	SKKNAJ 23,180,71

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1780 mg/kg	IYKEDH 5,106,74
*	orl-mus LD50:2630 mg/kg	IYKEDH 5,106,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RQ5831400 OXAZOLO(3,2-d)(1,4)BENZODIAZEPIN-6(5H)-ONE, 10-CHLORO-11b-(o-FLUOROPHENYL)- 2,3,7,11b-TETRAHYDRO-7-(2-HYDROXYETHYL)-

UPDT:8408 CAS: 27060-91-9 MW: 376.84 MOLFM: C19-H18-Cl-F-N2-O3

SYN: FLUTAZOLAM * MS-1101

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T26	orl-rat TDLo:1050 mg/kg (14D pre/1-7D preg)	OYYAA2 16,395,78
1T46	orl-rat TDLo:210 mg/kg (14D pre/1-7D preg)	OYYAA2 16,395,78
1T16	orl-rat TDLo:1500 mg/kg (17-22D preg)	OYYAA2 16,395,78
1T85	orl-rat TDLo:270 mg/kg (17-22D preg/21D post)	OYYAA2 16,395,78
1T12	orl-dog TDLo:1820 mg/kg (26W pre)	OYYAA2 15,1081,78
1T25	orl-rbt TDLo:13 gm/kg (6-18D preg)	OYYAA2 16,709,78
1T46	orl-rbt TDLo:3250 mg/kg (6-18D preg)	OYYAA2 16,709,78
1T02	orl-rbt TDLo:875 mg/kg (35D male)	OYYAA2 16,693,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RQ5831500 OXAZOLO(3,2-d)(1,4)BENZODIAZEPIN-6(5H)-ONE, 2,3,7,11b-TETRAHYDRO-10-BROMO-11b-(2-FLUORO PHENYL)-

UPDT:8403 CAS: 59128-97-1 MW: 377.24 MOLFM: C17-H14-Br-F-N2-O2

SYN: 10-BROMO-11b-(2-FLUOROPHENYL)-2,3,7,11b-TETRAHYDROOXAZOLO(3,2-d)(1,4)BENZODIAZEPIN-6(5H)-ONE * CS-430 * HALOXAZOLAM * SOMELIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T46	orl-mus TDLo:3600 mg/kg (1-18D preg)	SKKNAJ 27,64,75

TOXICITY DATA AND REFERENCES:

2F17J25	orl-rat LD50:2858 mg/kg	SKKNAJ 27,64,75
2F17J25	orl-mus LD50:1413 mg/kg	SKKNAJ 27,64,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RQ5833500 3H-OXAZOLO(3,4-a)PYRIDINE, HEXAHYDRO-3-IMINO-1-PHENYL-, HYDROCHLORIDE (E)-(+-)-

UPDT:8310 MW: 252.77 MOLFM: C13-H16-N2-O Cl-H

SYN: (+-)-trans-3-IMINO-1-PHENYLHEXAHYDRO-3H-OXAZOLO(3,4-a)PYRIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3A11F13H01	orl-mus LDLo:20 mg/kg	EJMCA5 15,111,80
3A11F13H01	ivn-mus LDLo:6200 ug/kg	EJMCA5 15,111,80

RQ5833505 3H-OXAZOLO(3,4-a)PYRIDINE, HEXAHYDRO-3-IMINO-1-PHENYL-, HYDROBROMIDE, (Z)-(-)-

UPDT:8307 CAS: 5583-11-9 MW: 216.31 MOLFM: C13-H16-N2-O

SYN: (-)-cis-3-IMINO-HEXAHYDRO-1-PHENYL-3H-OXAZOLO(3,4-a)PYRIDINE, HYDROBROMIDE

TOXICITY DATA AND REFERENCES:

3A11E01H01	orl-mus LDLo:190 mg/kg	EJMCA5 15,111,80
	ivn-mus LD50:50 mg/kg	EJMCA5 13,127,78

RQ5836000 2H,4H-OXAZOLO(5,4,3-ij)PYRIDO(3,2-g)QUINOLINE-4,10(11H)-DIONE, 6,8,11-TRIMETHYL-

UPDT:8309 CAS: 27259-98-9 MW: 282.32 MOLFM: C16-H14-N2-O3

SYN: DEOXYNYBOMYCIN * 6,8,11-TRIMETHYL-2H,4H-OXAZOLO(5,4,3-ij)PYRIDO(3,2-g)QUINOLINE-4,10(11H)-DIONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:650 mg/kg 85GDA2 5,177,81

RQ5638000 OXAZOLO(3,2-a)-sym-TRIAZINE-5,7-DIONE, 6-(m-CHLOROPHENYL)-
UPDT:8309 CAS: 35629-62-0 MW: 263.65 MOLFM: C11-H6-Cl-N3-O3
SYN: 6-(m-CHLOROPHENYL)OXAZOLO(3,2-a)-sym-TRIAZINE-5,7-DIONE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1600 mg/kg JMCMAR 14,1075,71

OXAZYL see: BR9808000
OXCORD see: US7975000
OXEDRINE see: DO7350000
m-OXEDRINE see: DO7175000
m-OXEDRINE see: DO7525000
(-)-m-OXEDRINE see: DO7175000
p-OXEDRINE see: DO7350000
OXELADIN CITRATE see: ET1760000
OXELADINE CITRATE see: ET1760000
OXENDOLONE see: KG7963000
2-OXEPANONE (8CI,9CI) see: MO8400000
OXETACAINE see: AC3325000

RQ6825000 OXETANE
UPDT:8401 CAS: 503-30-0 MW: 58.09 MOLFM: C3-H6-O
SYN: 1,3-PROPYLENE OXIDE * TRIMETHYLENOXID (German) * TRIMETHYLENE OXIDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:2240 mg/kg/56W-I ZEKBAI 74,241,70
TOXICITY DATA AND REFERENCES:
scu-rat LD50:500 mg/kg ZEKBAI 74,241,70
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RQ6826000 OXETANE, 3,3-BIS(CHLOROMETHYL)-
UPDT:8412 CAS: 78-71-7 MW: 155.03 MOLFM: C5-H8-Cl2-O
SYN: 3,3-BIS(CHLOROMETHYL)OXETANE * 3,3-DICHLOROMETHYLOXYCYCLOBUTANE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:420 mg/kg 85GMAT -,47,82
* ihl-mus LC50:200 mg/m3/2H 85GMAT -,47,82

OXETANE, 3,3-DIMETHYL- (9CI) see: TZ3150000

RQ6880000 3-OXETANEMETHANOL, 3-((p-CHLOROPHENOXY)METHYL)-, CARBAMATE
UPDT:8105 CAS: 7271-83-2 MW: 271.72 MOLFM: C12-H14-Cl-N-O4
SYN: 3-((p-CHLOROPHENOXY)METHYL)-3-OXETANEMETHANOL CARBAMATE * HC 1522 * 3-OXETANEMETHANOL, 3-((4-CHLOROPHENOXY)METHYL)-, CARBAMATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:640 mg/kg APFRAD 24,429,66

3-OXETANEMETHANOL, 3-((4-CHLOROPHENOXY)METHYL)-, CARBAMATE see: RQ6880000

RQ6884000 3-OXETANEMETHANOL, 3-((o-METHOXYPHENOXY)METHYL)-
UPDT:8306 CAS: 7271-81-0 MW: 224.28 MOLFM: C12-H16-O4
SYN: HC 1500 * 3-((o-METHOXYPHENOXY)METHYL)-3-OXETANEMETHANOL * 3-OXETANEMETHANOL, 3-((2-METHOXYPHENOXY)METHYL)-
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:700 mg/kg APFRAD 24,429,66

3-OXETANEMETHANOL, 3-((2-METHOXYPHENOXY)METHYL)- see: RQ6884000
OXETHANE, 3-METHYL-3-(MERCAPTOMETHYL)- see: TZ3600000

RQ7350000 2-OXETANONE
UPDT:8412 CAS: 57-57-8 MW: 72.07 MOLFM: C3-H4-O2
SYN: BETAPRONE * BPL * HYDRACRYLIC ACID beta-LACTONE * 3-HYDROXYPROPIONIC ACID LACTONE * PROPANOLIDE * PROPIOLACTONE * beta-PROPIOLACTONE * 1,3-PROPIOLACTONE * 3-PROPIOLACTONE * PROPIONIC ACID, 3-HYDROXY-, beta-LACTONE * beta-PROPIONOLACTONE * beta-PROPROLACTONE
MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate ENMUDM 5(Suppl 1),3,83
mmo-sat 300 ng/plate ENMUDM 5(Suppl 1),3,83
pic-sat 500 ppm CNREA8 30,830,70
mmo-esc 1 uL/plate PMRSDJ 1,387,81
mmo-esc 1 uL/plate PMRSDJ 1,387,81
dnr-esc 10 ug/disc JJIND8 62,873,79
dnd-esc 10 umol/L MUREAV 89,95,81
dns-esc 15 mmol/L ZKKOBW 92,177,78
pic-esc 50 uL/L PMRSDJ 1,224,81
oms-bcs 50 mmol/L JOBAAY 136,854,78
dnd-bcs 20 uL/disc PMRSDJ 1,175,81
mmo-srm 2 gm/L ATXKA8 28,93,71
mmo-omi 2 gm/L MOPMA3 6,667,70
mmo-omi 450 umol/L CNREA8 42,3480,82
mmo-omi 667 ppm/1H MUREAV 34,175,76
dnd-omi 10 mmol/L JGAMA9 19,339,73
dnd-omi 1000 ppm CBINA8 10,41,75
dnd-omi 2 pph CBINA8 10,41,75
dnd-omi 1600 umol/L PNASA6 73,2629,76
uni-omi 5 mmol/L JGAMA9 19,339,73
oms-omi 5 mmol/L JGAMA9 19,339,73
pic-omi 1 mg/plate ZMMPAO 231,369,75
sln-dmg-orl 250 ppm ENMUDM 6,189,84
sln-dmg-par 10 mmol/L MUREAV 66,55,79
mmo-nsc 2 ug/plate MUREAV 53,297,78
mmo-smc 89 mg/L PMRSDJ 1,414,81
mmo-smc 89 mg/L PMRSDJ 1,414,81
mrc-smc 1 ug/plate PMRSDJ 1,456,81
sln-smc 25 mg/L PMRSDJ 1,468,81
mmo-ssp 100 ug/L PMRSDJ 1,424,81
mmo-ssp 100 ug/L PMRSDJ 1,424,81
otr-hmn:oth 7500 ug/L CNREA8 41,5096,81
otr-hmn:fbr 28 umol/L PNASA6 80,7219,83
dnd-hmn:lym 1 mmol/L JACTDZ 1(3),125,82
dns-hmn:fbr 160 ug/L TXCYAC 21,151,81
dni-hmn:hla 500 umol/L MUREAV 92,427,82
cyt-hmn:hla 100 nmol/L TXCYAC 9,21,78
dnd-rat-ipr 100 mg/kg CNREA8 38,1589,78
dnd-rat-orl 100 mg/kg CNREA8 38,1589,78
cyt-rat:leu 250 umol/L/5H LBANAX 3,157,69
mmo-mus:lym 15 mg/L/4H MUREAV 59,61,79
otr-mus:fbr 500 ug/L JJIND8 69,503,82
otr-mus:emb 18 mg/L TOLED5 9,301,81
oms-mus:oth 57 gm/L BCPCA6 23,937,74
dnd-mus-skn 8 nmol/kg ANYAA9 163,751,69
dnd-mus:ast 12 mmol/L CNREA8 36,3025,76
dnd-mus:lvr 1600 umol/L/20H CBINA8 18,327,77
dnd-mus:oth 57 gm/L BCPCA6 23,937,74
dns-mus-skn 8600 umol/kg CNREA8 33,769,73
dns-mus:oth 500 umol/L JIDEAE 62,480,74
dns-mus:fbr 500 umol/L JIDEAE 62,480,74
dni-mus-skn 8600 umol/kg CNREA8 33,769,73
oms-mus:oth 57 gm/L BCPCA6 23,937,74
msc-mus:lym 2 mg/L/2H MUREAV 59,61,79
hma-mus/sat 405 mg/kg JJIND8 62,911,79
otr-ham-ipr 250 mg/kg ARPAAQ 95,380,73
otr-ham:emb 2500 ug/L CBINA8 13,105,76
otr-ham:kdy 80 ug/L BJCAAI 37,873,78
dnd-ham:lng 100 umol/L/1H BBRCA9 72,732,76
dnd-ham:emb 2500 ug/L CBINA8 13,105,76
cyt-ham:fbr 30 mg/L/24H MUREAV 48,337,77
cyt-ham:lng 18 mg/L GMCRDC 27,95,81
sce-ham:ovr 100 umol/L NATUAS 258,121,75
sce-ham:lng 100 umol/L MUREAV 118,103,83
msc-ham:ovr 10 mg/L MUREAV 94,449,82
msc-ham:lng 2 mmol/L ENMUDM 6,426,84
dnd-mam:lym 1600 umol/L/20H CBINA8 18,327,77
oms-mam:lym 286 nmol/L CBINA8 34,323,81
TUMORIGENIC DATA AND REFERENCES:
3V01K60L60 orl-rat TDLo:2868 mg/kg/1Y-I BJCAAI 46,924,82
2V01V10 scu-rat TDLo:22 mg/kg/25W-I BMBUAQ 20,96,64
3V03J60J61 itr-rat TDLo:72 mg/kg/30W-I BJCAAI 20,134,66
2V01K60 orl-mus TDLo:3080 mg/kg/77W-I JJIND8 63,1433,79
2V01R60 skn-mus TDLo:6200 mg/kg/15W-I BJCAAI 9,177,55
2V02V10 scu-mus TDLo:69 mg/kg/43W-I BJCAAI 19,392,65
3V03R60V10 ivn-mus TDLo:40 mg/kg BJCAAI 10,357,56
3V03L60R60 skn-gpg TDLo:56 mg/kg/141W-I BJCAAI 20,200,66
2V02V10 scu-rat TD :50 mg/kg/25W-I BJCAAI 15,85,61
3V03N60R60 skn-mus TD :8100 mg/kg/27W-I BJCAAI 10,357,56
2V02V10 scu-mus TD :648 mg/kg/54W-I JJIND8 63,1433,79
3V01R60V10 skn-mus TD :11 gm/kg/56W-I TXCYAC 6,139,76
2V02V10 scu-mus TD :408 mg/kg/34W-I JNCIAM 53,695,74
2V03K60 orl-rat TD :3050 mg/kg/61W-I JNCIAM 37,825,66
2V02V10 scu-mus TD :1168 mg/kg/40W-I JNCIAM 37,825,66
2V01V10 scu-rat TD :1080 mg/kg/54W-I JNCIAM 39,1213,67
2V03K60 orl-mus TD :320 mg/kg/8W-I CNREA8 43,4747,83
TOXICITY DATA AND REFERENCES:
* ihl-rat LC50:25 ppm/6H DTLVS* 4,347,80
* ipr-mus LD50:405 mg/kg JJIND8 62,911,79
* ivn-mus LD50:345 mg/kg 85ESA3 9,1013,76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ENVRAL 7,243,74; 22HAAD 6,409,71
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 4,259,74
★ TLV-TWA 500 ppb; STEL 1 ppm (skin) DTLVS* 4,347,80
★ TLV-SUSPECTED CARCINOGEN DTLVS* 4,347,80
STANDARDS & REGULATIONS:
★ OSHA-carcinogen FEREAC 39,3756,74
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RQ7525000 2-OXETANONE, 3,3-DIMETHYL-
UPDT:8412 CAS: 1955-45-9 MW: 100.13 MOLFM: C5-H8-O2
SYN: 3,3-DIMETHYL-2-OXETANONE * 3,3-DIMETHYL-2-OXETHANONE * DIMETHYL PROPIOLACTONE * 3,3-DIMETHYL-beta-PROPIOLACTONE * NCI-C04126 * PIVALIC ACID LACTONE * PIVALOLACTONE
MUTATION DATA AND REFERENCES:
mmo-srm 25 mg/L ATXKA8 30,67,72
TUMORIGENIC DATA AND REFERENCES:
2V01K60 orl-rat TDLo:216 gm/kg/2Y-I NCITR* NCI-CG-TR-140,78
2V03K60 orl-rat TD :72 gm/kg/69W NCITR* NCI-CG-TR-140,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1470 mg/kg NCILB* NCI-E-C-72-3252
orl-mus LD50:316 mg/kg NCILB* NCI-E-C-72-3252
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NCITR* NCI-CG-TR-140,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-140,78)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RQ7700000 2-OXETANONE, 3,3-DIPHENYL-
UPDT:8401 CAS: 16230-71-0 MW: 224.27 MOLFM: C15-H12-O2
SYN: 2,2-DIPHENYL-3-HYDROXYPROPIONIC ACID LACTONE * 3,3-DIPHENYL-2-OXETANONE * alpha,alpha-DIPHENYL-beta-PROPIOLACTONE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:380 mg/kg/19W-I BJCAAI 15,85,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RQ7750000 2-OXETANONE, 4-ISOBUTYL-4-METHYL-
UPDT:8308 MW: 142.22 MOLFM: C8-H14-O2
SYN: 3,5-DIMETHYL-3-HYDROXY-4-HEXANOIC ACID, beta-LACTONE * 4-ISOBUTYL-4-METHYL-2-OXETANONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2700 mg/kg AMIHBC 10,61,54

RQ7875000 2-OXETANONE, 4-ISOPROPYLIDENE-3,3-DIMETHYL-
UPDT:8306 CAS: 3173-79-3 MW: 140.20 MOLFM: C8-H12-O2
SYN: 3-HYDROXY-2,2,4-TRIMETHYL-3-PENTENOIC ACID, beta-LACTONE * 4-ISOPROPYLIDENE-3,3-DIMETHYL-2-OXETANONE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:39 gm/kg/78W-I JNCIAM 39,1213,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RQ8050000 2-OXETANONE, 4-METHYL-
UPDT:8402 CAS: 3068-88-0 MW: 86.10 MOLFM: C4-H6-O2
SYN: beta-BUTYROLACTONE * 3-HYDROXYBUTANOIC ACID, beta-LACTONE * HYDROXYBUTYRIC ACID LACTONE * 3-HYDROXYBUTYRIC ACID LACTONE * 3-HYDROXYBUTYRIC ACID, beta-LACTONE * 4-METHYL-2-OXETANONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MOD UCDS** 1/20/66
MUTATION DATA AND REFERENCES:
dnd-mam:lym 10 mmol/L BBACAQ 138,611,67
oms-mam:lym 286 nmol/L CBINA8 34,323,81
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:31 gm/kg/61W-I JNCIAM 37,825,66
2V01V10 scu-rat TDLo:38 gm/kg/76W-I JNCIAM 39,1213,67
3V01R60V10 skn-mus TDLo:59 gm/kg/49W-I JNCIAM 35,707,65
2V02V10 scu-mus TDLo:12 gm/kg/30W-I JNCIAM 37,825,66
3V01R60V10 skn-mus TD :80 gm/kg/67W-I 14JTAF -,275,64
3V03R60V10 skn-mus TD :43 gm/kg/36W-I JNCIAM 39,1217,67
TOXICITY DATA AND REFERENCES:
orl-rat LD50:17 gm/kg AIHAAP 30,470,69

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 11,225,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RQ8225000 2-OXETANONE, 4-METHYLENE-
UPDT:8312 CAS: 674-82-8 MW: 84.08 MOLFM: C4-H4-O2
SYN: 3-BUTENO-beta-LACTONE * DIKETENE * DIKETENE, inhibited (DOT) * KETENE DIMER * UN 2521 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD — UCDS** 2/20/63
skn-rbt 537 mg — IHFCAY 6,1,67
eye-rbt 25 mg SEV — UCDS** 2/20/63
eye-rbt 537 mg — IHFCAY 6,1,67
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:560 mg/kg — TXAPA9 28,313,74
ihl-rat LCLo:20000 ppm/1H — IHFCAY 6,1,67
orl-mus LDLo:800 mg/kg — KODAK* 21MAY71
* skn-rbt LD50:2830 mg/kg — TXAPA9 28,313,74
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

OXETHACAINA (Italian) see: AC3325000
OXETHACAINE see: AC3325000
OXETHAZAINE see: AC3325000
OXETHAZINE see: AC3325000
OXFENDAZOLE see: FD0808000
OXIAMIN see: NM7460000
OXIARSOLAN see: SJ5600000
OXIBUTININA HYDROCHLORIDE see: GV2800000
OXIBUTOL see: UQ8400000
OXICOB see: GL7020000
OXIDATE LE see: DH3850000
OXIDATION BASE 10 see: SS8050000
OXIDATION BASE 22 see: ST3000000
OXIDATION BASE 25 see: SJ6303000
OXIDATION BASE 10A see: ST0350000
OXIDATION BASE 12A see: ST2705000
OXIDE of CHROMIUM see: GB6475000
N-OXIDE DE PHENAZINE (French) see: SG1590000
3-N-OXIDE PURIN-6-THIOL MONOHYDRATE see: UP0530000
10,10'-OXIDIPHENOXARSINE see: SP6800000
OXIDIZED L-CYSTEINE see: HA2690000
OXIDOETHANE see: KX2450000
alpha,beta-OXIDOETHANE see: KX2450000
1,8-OXIDO-p-MENTHANE see: OS9275000
OXIDOPAMINE see: DC4580000
OXI-FENIBUTOL see: UQ8400000
OXIFENON see: BP7625000
OXIFENYLBUTAZON see: UQ8400000
OXIFLAVIL see: AJ1460000
OXIFURADENE see: NJ0875000
OXILAPINE see: HQ4025000
OXIME COPPER see: VC5250000
3-OXIMEINDOLE-2,3-DIONE see: NL7980000
OXIMETHOLONUM see: BV8060000
OXIMETOLONA see: BV8060000
1-(p-(1-OXIMIDOETHYL)PHENOXYACETYL)PIPERIDINE see: AM9700000
OXIN see: VC4200000
1-OXINDENE see: DF6423800
OXINE see: VC4200000
OXINE COPPER see: VC5250000
OXINE CUIVRE see: VC5250000
OXINE SULFATE see: VC8260000
OXINOFEN see: GD3900000
OXIPHENBUTAZONE see: UQ8400000
2-OXI-PROPYL-PROPYLNITROSAMIN (German) see: UI4550000
OXIRAAN (Dutch) see: KX2450000
OXIRAN see: KX2450000
OXIRANE see: KX2450000
OXIRANE, (9-ANTHRYLMETHOXY)- see: TX2640000
OXIRANE, BENZ(a)ANTHRACEN-7-YL- see: CW5080000
OXIRANE, 2,2-BIS(o-CHLOROPHENYL)-2-CHLORO- see: KH5483000
OXIRANE, ((4-BROMOPHENOXY)METHYL)- (9CI) see: TX4160000
OXIRANE, (p-BROMOPHENYL)- see: CY9025000
OXIRANE, (3-BROMOPHENYL)- see: CY9024000
OXIRANE, (4-BROMOPHENYL)- (9CI) see: CY9025000
OXIRANE CARBONITRILE see: MB5145000
OXIRANE-CARBOXALDEHYDE see: MB3150000
OXIRANECARBOXYLIC ACID, 3-PHENYL-, ETHYL ESTER (9CI) see: MB4970000
OXIRANE, CHLORO- (9CI) see: KH7705000
OXIRANE, 2-CHLORO-3-(CHLOROMETHYL)-, cis- (9CI) see: TX9683010
OXIRANE, 2-CHLORO-3-(CHLORMETHYL)-, trans- (9CI) see: TX9683000
OXIRANE, (CHLOROMETHYL)- see: TX4900000
OXIRANE, 2-(CHLOROMETHYL) see: TX4900000
OXIRANE, 2-CHLORO-3-METHYL-, cis- (9CI) see: TX4850010
OXIRANE, 2-CHLORO-3-METHYL-, trans- (9CI) see: TX4850000
OXIRANE, ((4-CHLOROPHENOXY)METHYL)- (9CI) see: TX5600000
OXIRANE, (3-CHLOROPHENYL)- (9CI) see: CZ0526000

RR0475000 OXIRANE, ((1,1-DIMETHYLETHOXY)METHYL)-
UPDT:8306 CAS: 7665-72-7 MW: 130.21 MOLFM: C7-H14-O2
SYN: t-BGE * t-BUTYL GLYCIDYL ETHER
MUTATION DATA AND REFERENCES:
mmo-esc 1 umol/L — GTPZAB 26(1),43,82
bfa-mus/sat 500 mg/kg/5D-I — ENMUDM 2,284,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0579-0285

OXIRANE, (3,5-DIMETHYLPHENYL)- see: ZE4550800
OXIRANE, 2,2'-((2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OXYMETHYLENE))BIS- (9CI) see: TX3760000
OXIRANE, (ETHOXYMETHYL)- (9CI) see: TZ3200000

RR0500000 OXIRANEHEPTANOIC ACID, 2-(3,5-DIHYDROXY-2,4-DIMETHYLHEXANOYL)-deltaa-((4-(DIMETHYLAMINO) TETRAHYDRO-3-HYDROXY-6-METHYLPYRAN-2-YL)OXY)-alpha,gamma,epsilon-TRIMETHYL-beta- ((TETRAHYDRO-5-HYDROXY-4-METHOXY-6-METHYLPYRAN-2-YL)OXY), mu-LACTONE, HYDROCHLORIDE
UPDT:8307 CAS: 6696-47-5 MW: 724.43 MOLFM: C35-H61-N-O12 Cl-H
SYN: OLEANDOMYCIN HYDROCHLORIDE * OLEANDOMYCIN MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
scu-rat LD50:10000 mg/kg — ARZNAD 8,386,58
3F19F12J25 ivn-rat LD50:376 mg/kg — ANTCAO 7,419,57
orl-mus LD50:4000 mg/kg — ANTCAO 7,419,57
scu-mus LD50:2500 mg/kg — ARZNAD 8,386,58
* ivn-mus LD50:550 mg/kg — 85ERAY 1,30,78

OXIRANEMETHANAMINE, N-(OXIRANYLMETHYL)-N-PHENYL- (9CI) see: BW8925000
OXIRANE, ((4-METHOXYPHENOXY)METHYL)- (9CI) see: DA0176000
OXIRANE, METHYL- see: TZ2975000
OXIRANE, 2,2'-METHYLENEBIS- (9CI) see: SA0370000
OXIRANE, (3-METHYLPHENYL)- (9CI) see: XT2410000
OXIRANE, (4-METHYLPHENYL)- see: XT2420000
OXIRANE, 2-(4-METHYLPHENYL)- (9CI) see: XT2420000
OXIRANE, (1-NAPHTHYLETHOXY)- see: TZ4400000
OXIRANE, (2-NAPHTHYLETHOXY)- see: TZ4402000
OXIRANE, (1-NAPHTHYLMETHOXY)- see: TZ4403000
OXIRANE, (2-NAPHTHYLMETHOXY)- see: TZ4404000
OXIRANE, ((4-NITROPHENOXY)METHYL)- (9CI) see: TZ3650000
OXIRANE, (4-NITROPHENYL)- (9CI) see: CZ9920000
OXIRANE, (PHENOXYMETHYL)- see: TZ3675000
OXIRANE, PHENYL- see: CZ9625000
OXIRANE, 2,2'-(1,3-PHENYLENEBIS(OXYMETHYLENE))BIS- see: VH1050000
OXIRANE, ((PHENYLMETHOXY)METHYL)- (9CI) see: TX2860000

RR0875000 OXIRANE, ((2-PROPENYLOXY)METHYL)-
UPDT:8412 CAS: 106-92-3 MW: 114.16 MOLFM: C6-H10-O2
SYN: AGE * ALLIL-GLICIDIL-ETERE (Italian) * 1-ALLILOSSI-2,3 EPOSSIPROPANO (Italian) * ALLYLGLYCIDAETHER (German) * ALLYL GLYCIDYL ETHER * ALLYL GLYCIDYL ETHER (DOT) * ALLYL 2,3-EPOXYPROPYL ETHER * 1-ALLYLOXY-2,3-EPOXY-PROPAAN (Dutch) * 1-ALLYLOXY-2,3-EPOXYPROPAN (German) * 1-(ALLYLOXY)-2,3-EPOXYPROPANE * ETHER, ALLYL 2,3-EPOXYPROPY * NCI-C56666 * OXYDE D'ALLYLE ET DE GLYCIDYLE (French) * PROPANE, 1-(ALLYLOXY)-2,3-EPOXY- * UN 2219 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 485 mg/3D MOD — AMIHAB 14,250,56
skn-rbt 500 mg/24H SEV — 28ZPAK -,135,72
eye-rbt 97 mg SEV — AMIHAB 14,250,56
eye-rbt 250 ug/24H SEV — 28ZPAK -,135,72
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate — MUREAV 66,367,79
mma-sat 50 ug/plate — MUREAV 66,367,79
mmo-esc 20 umol/L — ARTODN 46,277,80
dnd-esc 1 umol/L — ARTODN 46,277,80
mmo-klp 500 umol/L — MUREAV 89,269,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:922 mg/kg — 28ZPAK -,135,72
ihl-rat LCLo:860 ppm/4H — 28ZPAK -,135,72
orl-mus LD50:390 mg/kg — AMIHAB 14,250,56
ihl-mus LC50:270 ppm/4H — AMIHAB 14,250,56
skn-rbt LD50:2550 mg/kg — AMIHAB 14,250,56
REVIEW AND REFERENCES:
★ TLV-TWA 5 ppm; STEL 10 ppm (skin) — DTLVS* 4,12,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:Cl 10 ppm (SCP-V) — FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO GLYCIDYL ETHERS recm std-air:CL 45 mg/m3/15M — NTIS**
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S346*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ NIOSH CURRENT INTELLIGENCE BULLETIN 29, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

RR0877000 OXIRANE, 1-PYRENYL-
UPDT:8401 CAS: 61695-74-7 MW: 244.30 MOLFM: C18-H12-O
SYN: 1-OXIRANYLPYRENE * PYRENE, 1-EPOXYETHYL- * 1-PYRENYLOXIRANE
MUTATION DATA AND REFERENCES:
mmo-sat 100 pmol/plate — CNREA8 40,642,80
dnd-omi 27 umol/L — CNREA8 38,3247,78
msc-ham:lng 100 ug/L — IJCNAW 24,203,79
dnd-mam:lym 1790 umol/L — BBRCA9 82,929,78
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:977 ug/kg — CNREA8 40,642,80
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OXIRANE, TETRACHLORO- (9CI) see: KI8760000
OXIRANE, 2,2'-(2,5,8,11-TETRAOXADODECANE-1,12-DIYL)BIS- (9CI) see: XF0700000
OXIRANE, TRIFLUORO(TRIFLUOROMETHYL)- see: TZ3400000
OXIRANE, TRIMETHYL- (9CI) see: EK3860000
6-OXIRANYLBENZO(a)PYRENE see: DJ7945000
OXIRANYLMETHYL ESTER of OCTADECANOIC ACID see: WI3500000
OXIRANYLMETHYL ESTER of 9-OCTADECENOIC ACID see: RK0700000
3-OXIRANYL-7-OXABICYCLO(4.1.0)HEPTENE see: RN8640000
1-OXIRANYLPYRENE see: RR0877000
OXIRENE, DIHYDRO- see: KX2450000
OXIRENE, (3,4-DIMETHYLPHENYL)- (9CI) see: ZE4551000

RR1102000 OXIRENO(1,2)AZULENO(6,5-b)FURAN-5,8-DIONE, DECAHYDRO-7-HYDROXY-2,7a-DIMETHYL-6-METHYLENE-
UPDT:8406 CAS: 41945-41-9 MW: 278.33 MOLFM: C15-H18-O5
SYN: 2,3-EPOXYHELENALIN
MUTATION DATA AND REFERENCES:
dni-mus:ast 2143 umol/L — JPMSAE 67,1235,78

RR1103000 OXIRENO(1,2)AZULENO(6,5-b)FURAN-5,8-DIONE, DODECAHYDRO-7-HYDROXY-2,7a-DIMETHYL-6-METHYLENE-
UPDT:8406 MW: 280.35 MOLFM: C15-H20-O5
SYN: 11,13-DIHYDRO-2,3-EPOXYHELENALIN
MUTATION DATA AND REFERENCES:
dni-mus:ast 2143 umol/L — JPMSAE 67,1235,78

OXISURAN see: UT6150000
OXITEFONIUM BROMIDE see: BP7627000
OXITETRACYCLIN see: QI7875000
OXITOSONA-50 see: BV8060000
OXITOL see: KK8050000
OXIURAN see: BO9000000
OXIVOR see: GL7020000
OXLOPAR see: QI8225000
OXO see: WW2710000
3'-(3-OXO-7-alpha-ACETYLTHIO-17-beta-HYDROXYANDROST-4-EN-17-beta-YL)PROPIONIC ACID LACTONE see: TU4725000
1-OXO-5-AMINOACENAPHTHENE see: AB1071000
5-OXO-6-AMINO-7-KETIMINO-6-PHENYLDIBENZO(a,c)CYCLOHEPTAN see: HP1160000 5H-DIBENZO(a,c)CYCLOHEPTEN-5-ONE, 6,7-DIHYDRO-7-IMINO-6-PHENYL-

1-OXO-3-(AMINOPHENYL-p-PROPIONYLPIPERIDINO)ISOINDOLINE see: TI5696100 PHTHALIMIDINE, 3-(p-(3-PIPERIDINOPROPIONYL)ANILINO)-
3-OXO-4-ANDROSTEN-17-beta-YL-(17-beta-HYDROXY-17-alpha-ETHYNYL-4-ESTREN-3-beta-YL)-SUCCINATE see: BV8515650
7-OXOBENZ(de)ANTHRACENE see: CX5075000
((7-OXO-7H-BENZ(de)ANTHRACEN-3-YL)THIO)ACETIC ACID see: AJ1451000
((7-OXO-7H-BENZ(de)ANTHRACEN-3-YL)THIO)ACETIC ACID ETHYL ESTER see: AJ1451300
5-OXO-5H-BENZO(e)ISOCHROMENO(4,3-b)INDOLE see: DE5425000
2-OXO-1,2-BENZOPYRAN see: GN4200000
2-OXO-6-BENZOPYRANCARBOXALDEHYDE 2-THIOSEMICARBAZONE see: DJ2260050
2-OXO-2H-1,3-BENZOXAZINE-3(4H)-ACETAMIDE see: DM3300000
gamma-OXO(1,1-BIPHENYL)-4-BUTANOIC ACID see: DV1761000
OXOBIS(SULFATO(2-)-O)-ZIRCONATE(2-), DISODIUM (9CI) see: ZI0350000
OXOBOI see: JI5075000
2-OXO-10-BORNANESULFONATE and PIPERAZINE see: TM2480000
3-OXOBUTANOIC ACID 2-(ACETYLOXY)ETHYL ESTER see: EK7943000
3-OXOBUTANOIC ACID ETHYL ESTER see: AK5250000
3-OXOBUTANOIC ACID METHYL ESTER see: AK5775000
gamma-OXO-alpha-BUTYLENE see: EM9800000
5-(3-OXOBUTYL)-1-PHENYLBARBITURIC ACID see: CQ7360000 BARBITURIC ACID, 5-(3-OXOBUTYL)-1-PHENYL-
2-OXOBUTYRONITRILE O-BENZYLOXIME see: EU0640000
OXOCAMPHOR see: RB6965800
beta-OXOCAMPHOR see: RB6965800
trans-pi-OXOCAMPHOR see: RB6966000
10-OXOCAMPHOR see: RB6965800

RR1536000 2-OXOCANONE, 3-(2-IMINOIMIDAZOLIDIN-4-YL)-7-METHYL-
UPDT:8308 MW: 239.36 MOLFM: C12-H21-N3-O2
SYN: CHACSIN
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:20 mg/kg 85GDA2 8(1),166,82

17-OXO-17-(3-CHLOROPHENYL)-18,19,20-TRINOR-PGF2-alpha METHYL ESTER see: MJ9652400
17-OXO-17-(4-CHLOROPHENYL)-18,19,20-TRINOR-PGF2-alpha METHYL ESTER see: MJ9652500
17-OXO-17-(3-CHLOROPHENYL)-18,19,20-TRINORPROSTAGLANDIN F2-alpha METHYL ESTER see: MJ9652400
17-OXO-17-(4-CHLOROPHENYL)-18,19,20-TRINORPROSTAGLANDIN F2-alpha METHYL ESTER see: MJ9652500
7-OXOCHOLESTEROL see: FZ8708000
18-OXOCORTICOSTERONE see: TU4523000
N-(4-OXO-2,5-CYCLOHEXADIENYLIDENE)ACETAMIDE see: AC6960000
N-(4-OXO-2,5-CYCLOHEXADIEN-1-YLIDENE)ACETAMIDE see: AC6960000
((4-OXO-2,5-CYCLOHEXADIEN-1-YLIDENE)AMINO)GUANIDINE THIOSEMICARBAZONE see: MF5550000
7-OXODEHYDROABIETIC ACID see: TP8731000
N-(6-OXO-6H-DIBENZO(b,d)PYRAN-1-YL)ACETAMIDE see: HP8750000
5-OXO-5,13-DIHYDROBENZO(e)(2)BENZOPYRANO(4,3-b)INDOLE see: DE5425000
OXODOLIN see: DB1556000
9-OXO-2-FLUORENYLACETAMIDE see: AC7000000
N-(9-OXO-2-FLUORENYL)ACETAMIDE see: AC7000000
3-OXO-L-GULOFURANOLACTONE see: CI7650000
3-OXO-L-GULOFURANOLACTONE (ENOL FORM) see: CI7650000
4-OXOHEPTANEDIOIC ACID, ISONICOTINOYL HYDRAZONE see: MI9800000
2-OXOHEPTANONITRILE O-BENZYLOXIME see: MJ7920000
2-OXOHEXAMETHYLENIMINE see: CM3675000
1-(5-OXOHEXYL)-3,7-DIMETHYLXANTHINE see: XH2475000
17-((1-OXOHEXYL)OXY)PREGN-4-ENE-3,20-DIONE see: TU5085000
1-(5-OXOHEXYL)THEOBROMINE see: XH2475000
3-(3-OXO-17-beta-HYDROXY-4-ANDROSTEN-17-alpha-YL)PROPIONIC ACID gamma-LACTONE see: TU4810000
omega-(3-OXO-17-beta HYDROXY-4-ANDROSTEN-17-alpha-YL) PROPIONIC ACID LACTONE see: TU4810000
4-OXO-4H-IMIDAZO(4,5-d)-v-TRIAZINE see: NJ6150000
8-OXO-8H-ISOCHROMENO(4',3':4,5)PYRROLO(2,3-f)QUINOLINE see: DJ3280000
p-(1-OXO-2-ISOINDOLINYL)-HYDRATROPIC ACID see: MU6645000
alpha-(4-(1-OXO-2-ISO-INDOLINYL)-PHENYL)-PROPIONIC ACID see: MU6645000
OXOLAMINE CITRATE see: RO0720000
OXOLANE see: LU5950000
OXOLE see: LT8524000
OXOLINIC ACID see: JI5075000
OXOMEMAZINE see: SO5775000
OXOMETHANE see: LP8925000
6-OXO-3-METHOXY-N-METHYL-4,5-EPOXYMORPHINAN see: QD2800000
2-(2-OXO-4-(4-(o-METHOXYPHENYL)-1-PIPERAZINYL)BUTYL)-2-PHENYL-1,3-INDANDIONE see: NK6070000
2-(2-OXO-4-(4-(p-METHOXYPHENYL)-1-PIPERAZINYL)BUTYL)-2-PHENYL-1,3-INDANDIONE see: NK6100000
1-OXO-2-(p-((alpha-METHYL)CARBOXYMETHYL)PHENYL)ISOINDOLINE see: MU6645000
2-(4'-OXO-3'-METHYLPIPERIDINO)METHYL-4,4-DIMETHYL-4H-1,3-BENZOTHIAZINE HYDROCHLORIDE see: TO0116700
3-(3-OXOMORPHOLINO)-2,4,6-TRIIODOHYDRATROPIC ACID SODIUM SALT see: MU6645200
(3-(2-OXOMORPHOLINO)-2,4,6-TRIIODOPHENOXY)PHENYLACETIC ACID SODIUM SALT see: AJ1454000
(3-(3-OXOMORPHOLINO)-2,4,6-TRIIODOPHENYL)ACETIC ACID SODIUM SALT see: AJ1454500
2-(3-(3-OXOMORPHOLINO)-2,4,6-TRIIODOPHENYL)BUTYRIC ACID SODIUM SALT see: ET5955830
3-(3-(3-OXOMORPHOLINO)-2,4,6-TRIIODOPHENYL)-2-PHENYLPROPIONIC ACID SODIUM SALT see: UF6360000
OXONE see: SE1000000
1-OXO-5-NITROACENAPHTHENE see: AB1075000
3-(1-OXO-4,7-NONADIENYL)OXIRANECARBOXAMIDE see: JR1670000
(2-(2-OXO-3-OXAZOLIDINYL)ETHYL)TRIMETHYLAMMONIUM IODIDE see: BR9895000
(3-(2-OXO-3-OXAZOLIDINYL)PROPYL)TRIETHYLAMMONIUM IODIDE see: BR9896000
(3-(2-OXO-3-OXAZOLIDINYL)PROPYL)TRIMETHYLAMMONIUM IODIDE see: BR9897000
4-OXOPENTANOIC ACID see: OI1575000
4-OXOPENTYL ACETATE see: SA9090000 2-PENTANONE, 5-HYDROXY-, ACETATE
OXOPHENARSINE see: SJ5425000
OXOPHENARSINE HYDROCHLORIDE see: SJ5600000
OXOPHENHYDROXAZINE see: DM3110000
2-OXO-2-(PHENYLAMINO)ETHYL SELENOCYANATE see: VT0875000
((4-OXO-2-PHENYL-4H-1-BENZOPYRAN-7-YL)OXY)ACETIC ACID ETHYL ESTER see: AJ1460000
3-OXO-N-PHENYLBUTANAMIDE see: AK4100000
5-OXO-N-(2-PHENYLCYCLOPROPYL)-2-PYRROLIDINECARBOXAMIDE see: UY0350000
(+)-5-OXO-N-(trans-2-PHENYLCYCLOPROPYL)-L-2-PYRROLIDINECARBOXAMIDE see: UY0350000
d-5-OXO-N-(trans-2-PHENYLCYCLOPROPYL)-L-2-PYRROLIDINECARBOXAMIDE see: UY0350000
2-OXO-4-PHENYL-5-(beta-DIETHYLAMINOETHOXYCARBONYL)-6-METHYL-1,2,3,4-TETRAHYDROPYRIMIDINE see: UV7830000
N-(4-OXO-5-(PHENYLMETHYLENE)-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE see: US4675300
2-OXO-4-PHENYL-5-(beta-MORPHOLINOETHOXYCARBONYL)-6-METHYL-1,2,3,4-TETRAHYDROPYRIMIDINE see: UV7880000
2-(2'-OXO-3'-PHENYLPIPERAZINO)METHYL-4,4-DIMETHYL-4H-1,3-BENZOTHIAZINE OXALATE see: TM3407960
2-(2-OXO-4-(4-PHENYL-1-PIPERAZINYL)BUTYL)-2-PHENYL-1,3-INDANDIONE see: NK6120000
2-OXO-4-PHENYL-5-(beta-PIPERIDINOETHOXYCARBONYL)-6-METHYL-1,2,3,4-TETRAHYDROPYRIMIDINE see: UV7882000
2-OXO-4-PHENYL-1-PYRROLIDINEACETAMIDE see: UX9663000
17-OXO-17-PHENYL-18,19,20-TRINOR-PGF2-alpha METHYL ESTER see: MJ9669100
17-OXO-17-PHENYL-18,19,20-TRINORPROSTAGLANDIN F2-alpha METHYL ESTER see: MJ9669100
3-(2-OXOPIPERIDINO)-2,4,6-TRIIODOHYDRATROPIC ACID SODIUM SALT see: MU6645500
(3-(2-OXOPIPERIDINO)-2,4,6-TRIIODOPHENOXY)PHENYLACETIC ACID SODIUM SALT see: AJ1465500
3-(3-(2-OXOPIPERIDINO)-2,4,6-TRIIODOPHENYL)-2-PHENYLPROPIONIC ACID SODIUM SALT see: UF6365000
2-(3-(2-OXOPIPERIDINO)-2,4,6-TRIIODOPHENYL)PROPIONIC ACID SODIUM SALT see: MU6645500
2-OXOPROPANAL see: UZ0700000
N-(2-OXOPROPYL)-N-NITROSOUREA see: YR6255500 UREA, 1-ACETONYL-1-NITROSO-
3-(2-OXOPROPYL)-2-PENTYLCYCLOPENTANONE see: GY5157000
4-((1-OXOPROPYL)PHENYLAMINO)-1-(2-PHENYLETHYL)-4-PIPERIDINECARBOXYLIC ACID METHYL ESTER see: TM6406000
N-(4-(1-OXOPROPYL)-1-(2-PHENYLETHYL)-4-PIPERIDINYL)-N-PHENYLPROPANAMIDE see: TX1487000
1-OXOPROPYLPROPYLNITROSAMIN (German) see: UE4529000
1-OXOPROPYLPROPYLNITROSAMINE see: UE4529000
2-OXO-PROPYL-PROPYLNITROSAMINE see: UI4550000
(2-OXOPROPYL)PROPYLNITROSOAMINE see: UI4550000
N-(4-(1-OXOPROPYL)-1-(2-(2-THIENYL)ETHYL)-4-PIPERIDINYL)-N-PHENYLPROPANAMIDE see: TX1488000
2-OXOPYRIDINE see: UV1144050
2-OXOPYRROLIDINE see: UY5715000
2-OXO-PYRROLIDINE ACETAMIDE see: UX9660500
5-OXO-2-PYRROLIDINECARBOXYLIC ACID MAGNESIUM SALT (2:1) see: UY0685000
2-(2'-OXOPYRROLIDINO)METHYL-4,4-DIMETHYL-4H-1,3-BENZOTHIAZINE HYDROCHLORIDE see: UY5764000
2'-OXOPYRROLIDINO-1-PYRROLIDINO-4-BUTYNE see: UY5950100
2-OXO-PYRROLIDIN-1-YLACETAMIDE see: UX9660500
3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODOHYDRATROPIC ACID SODIUM SALT see: MU6645700
(3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODOPHENOXY)PHENYLACETIC ACID SODIUM SALT see: AJ1475000
(3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODOPHENYL)ACETIC ACID SODIUM SALT see: AJ1476000
2-(3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODOPHENYL)BUTYRIC ACID SODIUM SALT see: ET5955860
3-(3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODOPHENYL)-2-PHENYLPROPIONIC ACID SODIUM SALT see: UF6370000
2-(3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODOPHENYL)PROPIONIC ACID SODIUM SALT see: MU6645700
OXOSPARTEINE see: WG6390000
l-17-OXOSPARTEINE see: WG6390000
17-OXOSPARTEINE see: WG6390000
7-OXO-5-STIGMASTEN-3-beta-OL BENZOATE see: WJ2610000
4-OXO-4'-SULFAMOYL-4H-1-BENZOPYRAN-2-CARBOXANILIDE see: DJ2260620 4H-1-BENZOPYRAN-2-CARBOXANILIDE, 4-OXO-4'-SULFAMOYL-
N-(3-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-2-YL)ACETAMIDE see: AC7032000
N-(3-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-2-YL)BENZAMIDE see: CV5647000
N-(3-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-2-YL)BENZENESULFONAMIDE see: DB3052000
1-(3-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-2-YL)-3-PHENYLUREA see: YT9952500
1-(2-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-2-YL)UREA see: YT9952000
2-OXO-N,N,7,7-TETRAMETHYL-1-NORBORNANECARBOXAMIDE see: RB6978000
4-OXO-2-THIAZOLIDINEHEXANOIC ACID ETHYL ESTER see: XJ6001100
4-OXO-2-THIAZOLIDINEHEXANOIC ACID METHYL ESTER see: XJ6001170
4-OXO-4-((4-((2-THIAZOLYLAMINO)SULFONYL)PHENYL)AMINO)BUTANOIC ACID MONOHYDRATE see: WM4770000
4-OXO-2-THIONOTHIAZOLIDINE see: VI7700000
4-OXO-2-THIOTHIAZOLIDIN (Czech) see: VI7700000
N-(4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE see: US4675360
OXOTREMORINE see: UY5950100
8-OXOTRICYCLO(5.2.1.0(sup 2,6))DECANE see: PC0350000
19-OXO-3-beta,5,14-TRIHYDROXY-5-beta-BUFA-20,22-DIENOLIDE see: EI3175800
2,2'-(2-OXO-TRIMETHYLENE)BIS(1,1-DIMETHYLPYRROLIDINIUM)DIIODIDE see: UY4587000
4-OXO-alpha,alpha,6-TRIMETHYLTHIO-2-PYRIMIDINEACETIC ACID see: UV6309000
4-OXO-alpha,alpha,6-TRIMETHYLTHIO-2-PYRIMIDINEACETIC ACID DIETHYLAMINOETHYL ESTER see: UV6309100
4-OXO-alpha,alpha,6-TRIMETHYLTHIO-2-PYRIMIDINEACETIC ACID DIMETHYLAMINOETHYL ESTER see: UV6309150
4-OXO-alpha,alpha,6-TRIMETHYLTHIO-2-PYRIMIDINEACETIC ACID ETHYL ESTER see: UV6309200
4-OXO-alpha,alpha,6-TRIMETHYLTHIO-2-PYRIMIDINEACETIC ACID METHYL ESTER see: UV6309300
5-OXO-2,7,7-TRIMETHYL-4-(o-TRIFLUOROPHENYL)-3-ETHOXYCARBONYL-1,4,5,6,7,8-HEXAHYDROQUINOLINE see: VB2065000
4-OXOVALERIC ACID see: OI1575000
beta-(gamma-OXOVALEROYL)FURAN see: SA1956000
(4-OXOVALERYLOXY)TRIPHENYLSTANNANE see: WH8596200
22-OXOVINCALEUKOBLASTINE see: OH6300000
OXPENTIFYLLINE see: XH2475000
OXPRENOLOL see: UA5270000
OXPRENOLOL HYDROCHLORIDE see: UA5277000
OXSORALEN see: LV1400000
OXTRIMETHYLLINE see: GA7420000
OXTRIPHYLLINE see: GA7420000
OXUCIDE see: TL3485000
OXURASIN see: MO1955000
2-OXYACETIC ACID 3-(N-(gamma-ACETOXYMERCURI-beta-ETHOXYPROPYL))-NAPHTHOXYLAMIDE see: AF1510000
OXY ACID BLACK BASE see: ST3150000
8-(beta-OXYAETHYL)-AMINOCOFFEIN (German) see: EV6565000 CAFFEINE, 8-(2-HYDROXYETHYLAMINO)-
8-(beta-OXYAETHYL)-METHYLAMINOCOFFEIN (German) see: EV6566000 CAFFEINE, 8-((2-HYDROXYETHYL)METHYLAMINO)-
beta-OXYAETHYL-MORPHOLIN (German) see: QE3675000
1-OXY-2-AMINO-4-NITROBENZOL AETHYL ETHER (German) see: BX9740000
1-OXY-2-AMINO-4-NITROBENZOL sec-BUTYL AETHER (German) see: BW9430000
1-OXY-2-AMINO-4-NITROBENZOL ISOPROPYL AETHER (German) see: BY4140000
1-OXY-2-AMINO-4-NITROBENZOL PROPYL AETHER (German) see: BY7400000
3-OXYANTHRANILIC ACID see: DG2625000
OXYBENZENE see: SJ3325000
p-OXYBENZOESAURE (German) see: DH1925000
p-OXYBENZOESAUREDECYL ESTER (German) see: DH2085000
p-OXYBENZOESAUREDUODECYLESTER (German) see: DH2185600
p-OXYBENZOESAUREHEPTYLESTER (German) see: DH2202000
p-OXYBENZOESAUREHEXYLESTER (German) see: DH2204000
p-OXYBENZOESAUREISOBUTYLESTER (German) see: DH2247000
p-OXYBENZOESAUREISOPROPYLESTER (German) see: DH2250000

p-OXYBENZOESAUREMETHYLESTER (German) see: DH2450000
p-OXYBENZOESAUREOCTYLESTER (German) see: DH2529050
p-OXYBENZOESAUREPENTYLESTER (German) see: DH2555000
p-OXYBENZOESAUREPROPYLESTER (German) see: DH2800000
OXYBENZONE see: DJ1575000
OXYBENZOPYRIDINE see: VC4200000
OXYBICILLIN see: XH9460000
4,4'-OXYBIS(ACETETOPHENONE) see: AM9656500 ACETOPHENONE, 4',4'''-OXYDI-
OXYBIS(4-AMINOBENZENE) see: BY7900000
p,p'-OXYBIS(ANILINE) see: BY7900000
4,4'-OXYBISANILINE see: BY7900000
4,4'-OXYBISBENZENAMINE see: BY7900000
p,p'-OXYBISBENZENE DISULFONYLHYDRAZIDE see: DB7321000
OXYBIS(BENZENESULFONYLHYDRAZIDE) see: DB7321000
1,1'-OXYBIS(BUTANE) see: EK5425000
4,4'-OXYBIS(2-CHLOROANILINE) see: KM9625000
4,4'-OXYBIS(2-CHLORO-BENZENAMINE) see: KM9625000
1,1'-OXYBIS(1-CHLOROETHANE) see: KN0700000
1,1'-OXYBIS(2-CHLORO)ETHANE see: KN0875000
OXYBIS(CHLOROMETHANE) see: KN1575000
OXYBIS(DIBUTYL(2,4,5-TRICHLOROPHENOXY)TIN) see: JN8738000
4,4'-OXYBIS(DIMETHYLSILYLENE)BIS(TRIMETHYLENE)BIS(4-METHYLMORPHOLINIUM) DIIODIDE see: QF3387000
1,1'-OXYBIS(DIMETHYLSILYLENE)BIS(TRIMETHYLENE)BIS(4-METHYLPIPERAZINE) TETRAHYDROCHLORIDE see: TM2490000
1,1'-OXYBIS(DIMETHYLSILYLENE)BIS(TRIMETHYLENE)BIS(1,4,4-TRIMETHYL)PIPERAZINIUM TETRAIODIDE see: TM3399200
4,4'-OXYBIS(DIMETHYLSILYLENE)BIS(TRIMETHYLENE)DIMORPHOLINE DIHYDROCHLORIDE see: QE8224000
2,2'-OXYBISETHANOL see: ID5950000
1,1'-OXYBISETHENE see: YZ6700000
OXYBIS((5,3-INDOLYLENE)METHYLENE)BIS(TRIMETHYLAMMONIUM) BIS(METHYL SULFATE) see: BR9974000
1,1'-(OXYBIS(METHYLENE))BIS(4-(HYDROXYIMINO)METHYL)PYRIDINIUM DICHLORIDE see: UU6825000
1,1'-(OXYBIS(METHYLENE))BISPYRIDINIUM DICHLORIDE see: UU6855500
2,2'-OXYBIS(6-OXABICYCLO(3.1.0)HEXANE) mixed with 2,2-BIS(p-(2,3-EPOXYPROPOXY)PHENYL)PROPANE see: RN9110000
(OXYBIS(PENTAMETHYLENE))BIS(TRIETHYLAMMONIUM IODIDE) see: BS0100000
(OXYBIS(PENTAMETHYLENE))BIS(TRIMETHYLAMMONIUM BROMIDE) see: BS0110000
(OXYBIS(PENTAMETHYLENE))BIS(TRIMETHYLAMMONIUM CHLORIDE) see: BS0120000
(OXYBIS(PENTAMETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE) see: BS0130000
10-10' OXYBISPHENOXYARSINE see: SP6800000
3,3'-OXYBIS(1-PROPENE) see: KN7525000
OXYBIS(TRIBUTYLTIN) see: JN8750000
OXYBIS(TRIMETHYLSILANE) see: JM9237000
OXYBUPROCAINE HYDROCHLORIDE see: DG1502900
OXYBUTANAL see: ES3150000
OXYBUTYNIN CHLORIDE see: GV2800000
gamma-OXYBUTYRIC ACID see: WM3380000
OXYBUTYRIC ALDEHYDE see: ES3150000
OXYCARBON SULFIDE see: FG6400000
OXYCARBOPHOS see: WM8410000
OXYCARBOXIN see: RP4900000
OXYCARBOXINE see: RP4900000
OXY CHEK 114 see: PA3500000
OXYCHINOLIN see: VC4200000
OXYCHLORPROMAZINE see: SO2275000
5-OXYCHLORPROMAZINE see: SO2275000 PHENOTHIAZINE, 2-CHLORO-10-(3-(DIMETHYLAMINO)PROPYL)-,SULFOXIDE
OXYCHLORURE CHROMIQUE (French) see: GB5775000
OXYCIL see: FO0525000
OXYCINCHOPHEN see: GD3900000
OXYCLOR see: GL7020000
OXYCOLOR see: BO9000000
OXYCUR see: GL7020000
OXY DBCP see: TX8750000
OXYDE D'ALLYLE ET DE GLYCIDYLE (French) see: RR0875000
OXYDE DE BARYUM (French) see: CQ9800000
OXYDE DE CALCIUM (French) see: EW3100000
OXYDE DE CARBONE (French) see: FG3500000
OXYDE DE CHLORETHYLE (French) see: KN0875000
OXYDE D'ETHYLE (French) see: KI5775000
OXYDE DE MERCURE (French) see: OW8750000
OXYDE DE MESITYLE (French) see: SB4200000
OXYDEMETONMETHYL see: TG1420000
OXYDEMETON-METILE (Italian) see: TG1420000
OXYDE NITRIQUE (French) see: QX0525000
OXYDE DE PROPYLENE (French) see: TZ2975000
OXYDESS see: SH5075000
OXYDE DE TRIBUTYLETAIN see: JN8750000
OXYDIACETIC ACID, DISODIUM SALT see: AJ1750000
4,4'-OXYDIACETOPHENONE see: AM9656500 ACETOPHENONE, 4',4'''-OXYDI-
4',4'''-OXYDIACETOPHENONE see: AM9656500 ACETOPHENONE, 4',4'''-OXYDI-
OXYDIANILINE see: BY7900000
p,p'-OXYDIANILINE see: BY7900000
4,4-OXYDIANILINE see: BY7900000
OXYDIAZEPAM see: DF1225000
OXYDIAZOL see: RO0835000
2,2'-OXYDIETHANOL see: ID5950000
OXYDIETHYLENE ACRYLATE see: AS9450000
N-(OXYDIETHYLENE)BENZOTHIAZOLE-2-SULFENAMIDE see: DL5950000
OXYDIETHYLENE DIACRYLATE see: AS9450000
N-OXYDIETHYLENE THIOCARBAMYL-N-OXYDIETHYLENE SULFENAMIDE see: QE7189000
OXYDIMETHANOL DINITRATE see: PC3370000
1,1'-(OXYDIMETHYLENE)BIS(3-tert-BUTYLPYRIDINIUM CHLORIDE) see: UU6813500
1,1'-OXYDIMETHYLENE BIS(4-tert-BUTYLPYRIDINIUM CHLORIDE) see: UU6815000
1,1'-(OXYDIMETHYLENE)BIS(3-CARBAMOYLPYRIDINIUM CHLORIDE) see: UU6816000
3,3'-(OXYDIMETHYLENEBIS(CARBONYLIMINO))BIS(2,4,6-TRIIODOBENZOIC ACID DISODIUM SALT see: DH6173000
1,1'-(OXYDIMETHYLENE)BIS(3-(DIMETHYLAMINO)PYRIDINIUM CHLORIDE) see: UU6817000
1,1'-(OXYDIMETHYLENE)BIS(4-(DIMETHYLAMINO)PYRIDINIUM CHLORIDE) see: UU6818000
1,1'-(OXYDIMETHYLENE)BIS(4-FORMYLPYRIDINIUM)DICHLORIDE DIOXIME see: UU6825000
1,1'-(OXYDIMETHYLENE)BIS(4-FORMYLPYRIDINIUM) DIOXIME DICHLORIDE see: UU6825000
1,1'-(OXYDIMETHYLENE)BIS(3-IODOPYRIDINIUM CHLORIDE) see: UU6855100
1,1'-(OXYDIMETHYLENE)BIS(3-(METHYLSULFONYL)PYRIDINIUM CHLORIDE) see: UU6855200
1,1'-(OXYDIMETHYLENE)BIS(4-(METHYLTHIO)PYRIDINIUM CHLORIDE) see: UU6855250
1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE see: UU6855500
OXYDIMETHYLQUINAZINE see: CD2450000
OXYDIPENTONIUM CHLORIDE see: BS0120000
p-OXYDIPHENYLAMINE see: SJ6950000
4,4'-OXYDIPHENYLAMINE see: BY7900000
OXYDI-p-PHENYLENEDIAMINE see: BY7900000
1,1'-OXYDI-2-PROPANOL see: UB8785000
3,3'-OXYDI-1-PROPANOL, DIBENZOATE see: UB8787500
beta,beta'-OXYDIPROPIONITRILE see: UG4200000
3,3'-OXYDIPROPIONITRILE see: UG4200000
OXYDISULFOTON see: TD8600000
N-OXYD-LOST (German) see: IA2200000
N-OXYD-LOST see: IA2275000
N-OXYD-MUSTARD (German) see: IA2200000
OXYDRENE see: SH5075000
OXYDRIN see: SH5075000
OXYETHYLATED TERTIARY OCTYL-PHENOL-FORMALDEHYDE POLYMER see: SM9750000
OXYETHYLENATED DODECYL ALCOHOL see: MDG875000
OXYETHYLIDENEDIPHOSPHONIC ACID, COPPER DIAMMONIUM COMPLEX see: SZ8562200
1-OXYETHYLIDENEDIPHOSPHONIC ACID, ZINC COMPLEX see: SZ8562300
8-(beta-OXYETHYL)METHYLAMINOCAFFEINE see: EV6566000 CAFFEINE, 8-((2-HYDROXYETHYL)METHYLAMINO)-
OXYFED see: SH5075000
DL-OXYFEDRIN see: UH2440000
DL-OXYFEDRINE see: UH2440000
OXYFENAMATE see: EK2450000
OXYFENON see: BP76250000
OXYFERRISCORBONE SODIQUE (French) see: RS2031300

RS2031300 OXYFERRISC9RBONE, SODIUM SALT
UPDT:8312 CAS: 53681-73-5
SYN: OXYFERRISCORBONE SODIQUE (French)

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:100 mg/kg	APFRAD 26,655,68
*	ivn-rbt LD50:150 mg/kg	APFRAD 26,655,68

OXYFLAVIL see: AJ1460000
OXYFLUORFEN see: KN6900000
OXYFUME 20 see: KX2625000
OXYFUME 30 see: KX2625000
OXYFURADENE see: NJ0875000
alpha-OXY-GABA see: ES7014990
beta-OXY-GABA see: ES7015000

RS2060000 OXYGEN
UPDT:8407 CAS: 7782-44-7 MW: 32.00 MOLFM: O2
SYN: OXYGEN (DOT) * OXYGEN, pressurized liquid (DOT) * UN 1072 (DOT) * UN 1073 (DOT)

MUTATION DATA AND REFERENCES:

	cyt-hum:lng 80 pph	MUREAV 57,27,78
	cyt-hum:lng 80 pph	ACATA5 94,520,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T47	ihl-wmn TCLo:12 pph/10M (26-39W preg)	AJOGAH 82,1055,61

TOXICITY DATA AND REFERENCES:

2J21J30	ihl-hmn TCLo:100 pph/14H	JAMAAP 128,710,45

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FEPRA7 35(1),89,76; CEFYAD 23(6),513,74; PTPBD7 1,731,75; 32RWA4 1,239,76

STANDARDS & REGULATIONS:

★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:OXIDIZER	CFRGBR 49,172.101,82
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:OXIDIZER, pressurized liquid	CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RS2100000 OXYGEN DIFLUORIDE
UPDT:8403 CAS: 7783-41-7 MW: 54.00 MOLFM: F2-O
SYN: FLUORINE MONOXIDE * FLUORINE OXIDE * OXYGEN DIFLUORIDE (DOT) * OXYGEN FLUORIDE * UN 2190 (DOT)

TOXICITY DATA AND REFERENCES:

3D17J22K01	ihl-rat LC50:136 ppm/1H	AIHAAP 33,661,72
3D17J22K01	ihl-mus LC50:62 ppm/1H	AIHAAP 33,661,72
3F01J22K13	ihl-dog LC50:128 ppm/1H	AIHAAP 33,661,72
3F18J16K13	ihl-mky LC50:26 ppm/1H	AMRL** TR-70-77,70

REVIEW AND REFERENCES:

★ TLV-TWA 50 ppb; STEL 150 ppb	DTLVS* 4,316,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 100 ug/m3 (SCP-R)	FEREAC 39,23540,74
★ DOT-IMO:POISON A; LABEL:POISON GAS	CFRGBR 49,172.102,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OXYGEN DIFLUORIDE (DOT) see: RS2100000
OXYGEN (DOT) see: RS2060000
OXYGEN, pressurized liquid (DOT) see: RS2060000
OXYGEN FLUORIDE see: RS2100000
OXYGERON see: YY8575000
alpha-OXY-HOPA see: ES9585000
beta-OXY-HOPA see: ES9585010
OXYJECT 100 see: QI8225000
OXYLAN see: MU1050000
OXYLIDINE see: VD6250000
OXYLITE see: DM8575000
OXYMAG see: OM3850000
OXY MBC see: FO0555000 CHLORIC ACID, SODIUM SALT, mixed with BORIC ACID SODIUM SALT
OXYMEMAZINE see: SO5775000
OXYMETAZOLINE see: SK1050000
OXYMETAZOLINE CHLORIDE see: SK1225000
OXYMETAZOLINE HYDROCHLORIDE see: SK1225000
OXYMETHALONE see: BV8060000
OXYMETHAZOLINE see: SK1050000
OXYMETHEBANOL see: QC8900000
OXYMETHENOLONE see: BV8060000
OXYMETHOLONE see: BV8060000
OXY-2 METHOXY-3 BENZALDEHYDE (French) see: CU6530000
OXY-3 METHOXY-4 BENZALDEHYDE (French) see: CU6540000
OXYMETHYLENE see: LP8925000
5-OXYMETHYLFURFUROLE see: LT7031100
5-OXYMETHYLURACIL see: YR0513000
OXYMETOZOLINE see: SK1050000
OXYMURIATE OF POTASH see: FO0350000
OXYMYCIN see: NY2975000
OXYMYKOIN see: QI7875000
OXY-NH2 see: IA2200000

OXYOZYL see: BO9000000
OXYPAAT see: MO1955000
OXYPANGAM see: AG6475000
OXYPARATHION see: TC2275000
OXYPERTIN see: NL7170000
OXYPERTINE see: NL7170000
OXYPHENALON see: EL8925000
OXYPHENAMATE see: EK2450000
OXYPHENBUTAZONE see: UQ8400000
OXYPHENIC ACID see: UX1050000
OXYPHENOBUTAZONE see: UQ8400000
OXYPHENON see: BP7625000
OXYPHENONIUM see: BP7625000
OXYPHENONIUM BROMIDE see: BP7625000
OXYPHENYLBUTAZONE see: UQ8400000
4(4'OXYPHENYL)4(3''METHYL-4''OXYPHENYL)BUTYLAMINE 2 (French) see: GO6839000
3-OXYPHENYL TRIMETHYLAMMONIUM IODIDE see: BR3500000
OXYPHIONFOS see: TG1575000
OXYPINOCAMPHONE see: TK4586000
OXYPINONE see: TK4586000
p-OXYPROPIOPHENONE see: UH1925000
8-(beta-OXYPROPYL)-AMINOCOFFEIN (German) see: EV6569000 CAFFEINE, 8-((2-HYDROXYPROPYL)AMINO)-
8-(gamma-OXYPROPYL)-AMINOCOFFEIN (German) see: EV6569500 CAFFEINE, 8-((3-HYDROXYPROPYL)AMINO)-
beta-OXYPROPYLPROPYLNITROSAMINE see: UI4550000
beta-OXYPROPYLTHEOBROMINE see: XH2387000
beta-OXYPROPYLTHEOPHYLLIN see: XH5907500
OXYPROPYLTHEOPHYLLINE see: XH5907500
OXYPSORALEN see: LV1400000
OXYPULVIC ACID LACTONE see: DF7954000
4-OXYPYRIMIDINE see: UW7350100
OXYQUINOLINE see: VC4200000
8-OXYQUINOLINE see: VC4200000
OXYQUINOLINE BENZOATE see: VC4440000
OXYQUINOLINE SULFATE see: VC8260000
OXYQUINOLINOLEATE DE CUIVRE (French) see: VC5250000
(+-)-OXYQUINUCLIDINE BENZILATE see: DD4639000
5-OXYRESORCINOL see: SY1050000
OXYRIDAZINE see: SP0875000
OXYRITIN see: VM2975000
OXYSPARTEINE see: WG6390000

RS5778000 OXYSPORA PANICULATA DC., extract excluding roots
DEF:Indian plant belonging to the family MELASTOMACEAE (IJEBA6 12,512,74)
UPDT:8303

TOXICITY DATA AND REFERENCES:

1H30	ipr-mus LD50:500 mg/kg	IJEBA6 12,512,74

RS5779000 OXYSTELMA SECAMONE (L.) K. Schum., extract
DEF:Indian plant belonging to the family ASCLEPIADACEAE (IJEBA6 18,594,80)
UPDT:8412

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:31250 ug/kg	IJEBA6 18,594,80

OXYSTIN see: RS7534000
OXYTERRACIN see: QI7875000
OXYTERRACINE see: QI7875000
OXYTERRACYNE see: QI7875000
OXYTETRACYCLINE see: QI7875000
OXYTETRACYCLINE AMPHOTERIC see: QI7875000
OXYTETRACYCLINE HYDROCHLORIDE see: QI8225000
OXYTETRACYCLINE, 6-METHYLENE- see: QI9275000
OXYTHANE see: PA3890000
OXYTHIAMIN see: XJ7050290
OXYTHIAMINE see: XJ7050290
OXYTHIAMINE AMYL DISULFIDE see: LQ2993000
OXYTHIAMINE HEPTYL DISULFIDE see: LQ2985000
OXYTHIAMINE NONYL DISULFIDE see: LQ2992000
OXYTHIAMINE OCTYL DISULFIDE see: LQ2992500
OXYTHIOQUINOX see: FG1400000
OXYTOCIC see: KE5250000

RS7534000 OXYTOCIN
UPDT:8412 CAS: 50-56-6 MW: 1007.33 MOLFM: C43-H66-N12-O12-S2
SYN: ATONIN O * DI-SIPIDIN * ENDOPITUITRINA * alpha-HYPOPHAMINE * NOBITOCIN S * ORASTHIN * OXYSTIN * PARTOCON * PITOCIN * PITON S * POSTERIOR PITUITARY EXTRACT * PRESOXIN * SYNPITAN * SYNTHETIC OXYTOCIN * SYNTOCIN * SYNTOCINON * SYNTOCINONE * UTEDRIN * UTERACON

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T81	orl-rat TDLo:20 ug/kg (21D preg)	OYYAA2 8,181,74
1T16	ipr-rat TDLo:650 ng/kg (21D preg)	OYYAA2 9,651,75
1T16	ivn-rat TDLo:277 ng/kg (21D preg)	OYYAA2 5,941,71
2T16T72	ipr-mus TDLo:500 ng/kg (18D preg)	OYYAA2 8,181,74
1T16	scu-mus TDLo:80 ug/kg (19D preg)	BJPCBM 36,188P,69
1T16	ivn-mus TDLo:80 ug/kg (19D preg)	BJPCBM 36,188P,69
1T13	unk-mus TDLo:80 ug/kg (1D pre)	PSEBAA 133,1254,70
1T19	ims-mky TDLo:900 ug/kg (1D pre)	CCPTAY 28,267,83
1T21	ivn-rbt TDLo:150 ng/kg (1D male)	ENDOAO 73,433,63
1T27	scu-gpg TDLo:2400 ng/kg (63-64D preg)	ACEDAB 253,148,83
1T17	unk-ham TDLo:24 ug/kg (1D post)	JRPFA4 23,537,70
2T13T14	par-ctl TDLo:54 ng/kg (1D pre)	JRPFA4 18,259,69

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:5800 ug/kg	NIIRDN 6,151,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RS7534500 OXYTOCIN, 8-L-ARGININE-
UPDT:8307 CAS: 113-80-4 MW: 1050.37 MOLFM: C43-H67-N15-O12-S2
SYN: 8-L-ARGININEOXYTOCIN * ARGININE-VASOTOCIN * 8-ARGININE VASOTOCIN * ARGIPRESTOCIN * (ARG(sup 8))OXYTOCIN * ARG-VASOTOCIN * 8-ARG-VASOTOCIN * AVT * NATRIURETIC HORMONE (BOVINE PINEAL)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	ipr-mus TDLo:80 ug/kg (19D pre)	INJFA3 21,65,76
1T27	ipr-mus TDLo:80 ug/kg (1-21D preg)	INJFA3 21,65,76
1T03	ipr-mus TDLo:120 ug/kg (3D male)	INJFA3 19,103,74
1T13	unk-mus TDLo:80 ug/kg (1D pre)	PSEBAA 133,1254,70
2T02T03	ipr-ham TDLo:24 ug/kg (3D male)	INJFA3 19,103,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OXYTOL ACETATE see: KK8225000
m-OXYTOLUENE see: GO6125000
o-OXYTOLUENE see: GO6300000
p-OXYTOLUENE see: GO6475000
OXYTRIL see: DI4025000
OXYTRIL M see: DI3150000

RS8075000 OXYTROPIS FALCATA, TOTAL FLAVONE GLYCOSIDE
UPDT:8303
SYN: TOTAL FLAVONE GLYCOSIDE of OXYTROPIS FALCATA

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1110 mg/kg	YHHPAL 16,153,81

OXYURANUS SCUTELLATUS VENOM see: YX4533000
OXYUREA see: XT4900000
OXYZIN see: TL3485000
OXYZINE see: TL3485000
OXYZIN (TABL.) see: MO1955000
OZIDE see: ZH4810000
OZLO see: ZH4810000
OZON (Polish) see: RS8225000

RS8225000 OZONE
UPDT:8408 CAS: 10028-15-6 MW: 48.00 MOLFM: O3
SYN: OZON (Polish) * TRIATOMIC OXYGEN

IRRITATION DATA AND REFERENCES:

	eye-rbt 2 ppm/4H	JPCAAC 10,17,60

MUTATION DATA AND REFERENCES:

	mmo-esc 100 ppb/20M	MEHYDY 4,165,78
	dnr-esc 50 ppm/30M	BBRCA9 77,220,77
	dnd-esc 500 ug/L	AIPAAV 114,595,68
	dnd-omi 70 pph	JOHYAY 78,199,77
	dnd-omi 3300 nmol/L	BBACAQ 655,323,81
	dnd-omi 3300 nmol/L	BBACAQ 655,323,81
	dlt-oin-ihl 30 ppm/3H-C	ENMUDM 4,657,82
	cyt-hmn-ihl 500 ppb/6H	MEHYDY 4,165,78
	cyt-hmn:leu 7230 ppb/36H	ENVRAL 12,188,76
	cyt-hmn:oth 8 ppm/5M-C	NATUAS 194,793,62
	sce-hmn:lng 250 ppb/1H-C	ENVRAL 18,336,79
	cyt-rat-ihl 28 mg/m3/5D-C	GISAAA 44(9),12,79
	cyt-ham-ihl 200 ppb/5H	ENVRAL 4,262,71
	cyt-ckn:fbr 1 ug/L/30M	ZEKBAI 67,113,65

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T24T34T46	ihl-rat TCLo:1040 ppt/24H (6-9D preg)	TXAPA9 48,19,79
2T85T86	ihl-rat TCLo:1500 ppb/24H (17-20D preg)	TOLED5 5,3,80

TUMORIGENIC DATA AND REFERENCES:

2V02J60	ihl-mus TCLo:5 ppm/2H/75D-I	AEHLAU 20,16,70

TOXICITY DATA AND REFERENCES:

2J30R03	ihl-hmn TCLo:100 ppm/1M	NEACA9 19,686,41
3D17G08J21	ihl-man TCLo:1860 ppb/75M	AEHLAU 10,517,65
3J21J22J30	ihl-hmn TCLo:1 ppm	AEHLAU 10,295,65
2D14J26	ihl-hmn TCLo:200 ppb/3H	32ZWAA 8,182,74
3J21J22J30	ihl-hmn TCLo:600 ppb/2H	ARDSBL 118,287,78
	ihl-rat LC50:4800 ppb/4H	AMIHAB 15,181,57
2J15P01	ihl-mus LC50:12600 ppb/3H	FEPRA7 16,22,57
3F07J22J30	ihl-cat LC50:34500 ppb/3H	IMSUAI 25,301,56
3F07J22J30	ihl-rbt LC50:36 ppm/3H	IMSUAI 25,301,56
1J30	ihl-gpg LC50:24800 ppb/3H	IMSUAI 26,63,57
*	ihl-ham LC50:10500 ppb/4H	AMIHAB 15,181,57

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FEPRA7 35(1),89,76; NTIS** PB-228,002; AEHLAU 16,903,68; NTIS** CONF-691001

★ TLV-TWA 100 ppb; STEL 300 ppb	DTLVS* 4,316,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 200 ug/m3 (SCP-B)	FEREAC 39,23540,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

OZONE mixed with 1,2-DIMETHYLHYDRAZINE see: MV3106000
P(sub 4) see: XN9451300 THIOUREA, N-(2-ETHYL-1H-BENZIMIDAZOL-5-YL)-N'-p-TOLYL-
P 1 see: TE1050000
P 10 see: RQ2975000
P 12 see: XH9100000
P 21 see: GO7875000
P-25 see: XH8920000
P-40 see: VS6650000
P 47 see: TM4728600
P 48 see: DD6730000
P-50 see: XH8350000
134 P see: XZ5493000
P-165 see: VT9625000
P-169 see: DD3635000
P-170 see: AK0920000
184 P see: XZ5483500
189 P see: GY5946450
P 203 see: TR4735000 POLY(OXY-p-PHENYLSULFONYL-p-PHENYLENE)
P-203 see: AB7400000
P 227 see: BQ4313500
P 237 see: TL0620000
P 241 see: UQ8275000
P 244 see: BT5220000
P 253 see: TM7810000
P 260 see: TN4945000
P-267 see: UG8750000
P 279 see: TN4950000
P 301 see: EK2450000
P 391 see: SP2625000
P-398 see: YR7175000
P 498 see: UX1092000
501 P see: LZ8100000
P 607 see: YS6650000
P-638 see: AU7350000
P 652 see: QE5480000
P 725 see: SP1140000
P 894 see: FE6273000
P-974 see: TD5175000
P 1011 see: XH8925000
P-1108 see: SK0175000
P 1133 see: NS1225000
P 1393 see: DK8400000
P 1488 see: AF7175000
P1496 see: DM2520000
P-2292 see: MU7700000
P 2647 see: DK1575000
P-4599 see: HQ4375000
P-5048 see: BV6510000

6020P see: TQ3325000
P 6500 see: UD1842000
P-7138 see: UT5023000
P 71-0129 see: DG8576200
PA see: MM262[illegible]
PA see: TH7350000
PA 6 see: TQ9800000
P-16-A see: BQ8109000
PA 93 see: CU9080000
PA-94 see: NY2974900
PA 94 see: NY2975000
PA 130 see: TQ3325000
PA-132 see: WH1317900
PA 144 see: PZ2800000

RS9150300 PA 147
UPDT:8309 CAS: 62362-42-9
MUTATION DATA AND REFERENCES:
pic-esc 10 ng/plate CNREA8 43,2819,83

PA 190 see: TQ3325000
PA 520 see: TQ3325000
PA 560 see: TQ3325000
PA-7478 see: QI9296100
PAA see: CY1420000
P-3693A see: HQ4375000
PAA-25 see: AT4680000
PA-155-A see: RO5804000
PAA-701 DIHYDROCHLORIDE see: EC1210000
PAARLAN see: BX9286000
PA 114B see: ZA4870000
PABA see: DG1400000
PABANOL see: DG1400000
PABESTROL see: WJ5775000
PABESTROL see: WJ5600000
PABESTROL D see: WJ5775000
PABIALGIN see: UQ8290000
PABRACORT see: GM8960000
PABS see: WO8400000
PAC see: TF4550000
P.A.C. see: VO1470000
PACAMINE HYDROCHLORIDE see: MQ4900000
PACATAL see: SP2625000
PACATAL BASE see: SP2625000
PACEMO see: AE4200000
PACETYN see: YT2800000
PACHAK see: GN1775000

RT0620000 PACHYCARPINE
UPDT:8406 CAS: 492-08-0 MW: 234.43 MOLFM: C15-H26-N2
SYN: d-SPARTEINE * SPARTEINE, d-isomer
TOXICITY DATA AND REFERENCES:
2F23J22 scu-mus LD50:90 mg/kg FATOAO 21(5),46,58
ivn-mus LD50:26 mg/kg 32ZCAI -,175,67

6-beta,7-alpha,9-alpha,11-alpha-PACHYCARPINE see: WG5950000
PACIENX see: DF1400000
PACIFAN see: CQ6125000
PACILAN see: CI9150000
PACINOL see: TL9730000
PACITANE see: TN2625000
PACITRAN see: DF1575000
PACKURMUL, root extract (Indian) see: TQ9300000 POLYGONUM HYDROPIPER Linn., root extract
PAD see: UU4017200
PAD 522 see: TQ3325000
PADAN see: FD1225000
PADAN 4 G see: FD1225000
PADISAL see: SP0175000
PADMAGULANCHA STEM BARK EXTRACT (Indian) see: XQ3765000
PADOPHENE see: SN5075000
PADRIN see: UY4310000
PAE see: KL5090000

RT1124000 PAEDERIA FOETIDA Linn., leaf extract
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 6,232,68)
UPDT:8305
SYN: GANDH-PRASAR LEAF EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:1200 mg/kg IJEBA6 6,232,68

RT1144000 PAEONIA EMODI Wall., extract
DEF:Indian plant belonging to the family RANUNCULACEAE (IJEBA6 15,208,77)
UPDT:8412
TOXICITY DATA AND REFERENCES:
3M10U26Y55 ipr-mus LD50:1 gm/kg IJEBA6 15,208,77

RT1145000 PAEONIA EMODI Wall., tuber extract
UPDT:8408
SYN: USDALAP, tuber extract
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:13650 mg/kg INJMAO 22,463,68

RT1165000 PAEONIA MOUTAN Sims, root bark extract
DEF:East Asian plant belonging to the family PAEONIACEAE (OYYAA2 25,393,83)
UPDT:8311
SYN: MOUTAN CORTEX, extract
TOXICITY DATA AND REFERENCES:
3H21J25U26 ipr-mus LD50:4070 mg/kg OYYAA2 25,393,83
3H21J25U26 scu-mus LD50:8000 mg/kg OYYAA2 25,393,83

RT1170000 PAEONIA OFFICINALIS, root extract
UPDT:8405
SYN: PEONY, root extract
TOXICITY DATA AND REFERENCES:
2C08F33 ipr-rat LD50:700 mg/kg JAPMA8 41,162,52
2C08F33 ipr-mus LD50:795 mg/kg JAPMA8 41,162,52

PAGANO-COR see: UH0350000
PAH see: UU4830000
PAIDAZOLO see: DA9520000
PAINTERS' NAPHTHA see: SE7555000
PAISLEY 750 see: UD1842000
PAISLEY POLYMER see: UD1842000
PAKASAJ STEM BARK EXTRACT (Indian) see: WZ6265100
PAKATAL see: SP2625000
PAKHTARAN see: YT1575000
PAL see: AY7535000
PALA see: CI9469000
PALACET YELLOW GN see: AC3662000
PALACOS see: TR0400000
PALACOS R see: TR0400000
PALACRIN see: AR7875000
PALAFER see: LT1950000
PALANIL YELLOW G see: AC3662000
PALANTHRENE GOLDEN YELLOW see: HO7030000
PALAPENT see: CQ6125000
PALASH SEED EXTRACT (Indian) see: EM2455000
PALATINOL A see: TI1050000
PALATINOL AH see: TI0350000
PALATINOL BB see: TH9990000
PALATINOL C see: TI0875000
PALATINOL IC see: TI1225000
PALATINOL M see: TI1575000
PALATONE see: UQ1050000
PALAVALE see: NI4450000
P. ALBESCENS OIL see: UP2625000
PALE ORANGE CHROME see: OF9800000
PALESTROL see: WJ5600000
PALFIUM see: UY1430000
PALINUM see: CQ2975000
PALIUROSIDE see: VM2975000

RT3358000 PALLADATE(2-), TETRABROMO-, DIPOTASSIUM, (SP-4-1)-
UPDT:8401 CAS: 13826-93-2 MW: 504.24 MOLFM: Br4-Pd 2K
SYN: DIPOTASSIUM PALLADIUM TETRABROMIDE * DIPOTASSIUM TETRABROMOPALLADATE * POTASSIUM TETRABROMOPALLADATE(II)
MUTATION DATA AND REFERENCES:
dnr-esc 100 ug/L PCJOAU 16,721,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PALLADATE(2-), TETRACHLORO-, DIPOTASSIUM (8CI) see: TT4100000
PALLADIUM, BIS(3-AMINO-2H-1-BENZOPYRAN-2-ONE-N(sup 3),O(sup 2))DIBROMO- (9CI) see: RT3487100
PALLADIUM, BIS(3-AMINO-2H-1-BENZOPYRAN-2-ONE-N(sup 3),O(sup 2))DICHLORO- (9CI) see: RT3487200
PALLADIUM, BIS(3-AMINO-2H-1-BENZOPYRAN-2-ONE-N(sup 3),O(sup 2))DIETHYLMALONATO- (9CI) see: RT3487300
PALLADIUM, BIS(3-AMINO-2H-1-BENZOPYRAN-2-ONE-N(sup 3),O(sup 2))DIIODO- (9CI) see: RT3487400
PALLADIUM, BIS(3-AMINO-2H-1-BENZOPYRAN-2-ONE-N(sup 3),O(sup 2))DINITRO- (9CI) see: RT3487500
PALLADIUM, BIS(3-AMINO-2H-1-BENZOPYRAN-2-ONE-N(sup 3),O(sup 2))DITHIOCYANATO- (9CI) see: RT3487000

RT3487000 PALLADIUM(II), BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)BIS(THIOCYANATO)-, (Z)-
UPDT:8309 MW: 544.90 MOLFM: C20-H14-N4-O4-Pd-S2
SYN: cis-BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)BIS(THIOCYANATO)PALLADIUM(II) * PALLADIUM, BIS(3-AMINO-2H-1-BENZOPYRAN-2-ONE-N(sup 3),O(sup 2))DITHIOCYANATO- (9CI)
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:100 mg/kg PCJOAU 15,419,81

RT3487100 PALLADIUM(II), BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)DIBROMO-, (Z)-
UPDT:8309 MW: 588.36 MOLFM: C18-H14-Br2-N2-O4-Pd
SYN: cis-BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)DIBROMOPALLADIUM(II) * PALLADIUM, BIS(3-AMINO-2H-1-BENZOPYRAN-2-ONE-N(sup 3),O(sup 2))DIBROMO- (9CI)
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:100 mg/kg PCJOAU 15,419,81

RT3487200 PALLADIUM(II), BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)DICHLORO-, (Z)-
UPDT:8309 CAS: 73920-59-9 MW: 499.64 MOLFM: C18-H14-Cl2-N2-O4-Pd
SYN: cis-BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)DICHLOROPALLADIUM(II) * PALLADIUM, BIS(3-AMINO-2H-1-BENZOPYRAN-2-ONE-N(sup 3),O(sup 2))DICHLORO- (9CI)
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:100 mg/kg PCJOAU 15,419,81

RT3487300 PALLADIUM(II), BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)(DIETHYLMALONATO)-, (Z)-
UPDT:8309 MW: 586.91 MOLFM: C25-H24-N2-O8-Pd
SYN: cis-BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)(DIETHYLMALONATO)PALLADIUM(II) * PALLADIUM, BIS(3-AMINO-2H-1-BENZOPYRAN-2-ONE-N(sup 3),O(sup 2))DIETHYLMALONATO- (9CI)
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:100 mg/kg PCJOAU 15,419,81

RT3487400 PALLADIUM(II), BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)DIIODO-, (Z)-
UPDT:8309 MW: 650.54 MOLFM: C18-H14-I2-N2-O2-Pd
SYN: cis-BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)DIIODOPALLADIUM(II) * PALLADIUM, BIS(3-AMINO-2H-1-BENZOPYRAN-2-ONE-N(sup 3),O(sup 2))DIIODO- (9CI)
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:100 mg/kg PCJOAU 15,419,81

RT3487500 PALLADIUM(II), BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)DINITRO-, (Z)-
UPDT:8309 MW: 520.76 MOLFM: C18-H14-N4-O8-Pd
SYN: cis-BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)DINITROPALLADIUM(II) * PALLADIUM, BIS(3-AMINO-2H-1-BENZOPYRAN-2-ONE-N(sup 3),O(sup 2))DINITRO- (9CI)
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:100 mg/kg PCJOAU 15,419,81

PALLADIUM CHLORIDE see: RT3500000

RT3500000 PALLADIUM(2+) CHLORIDE
UPDT:8401 CAS: 7647-10-1 MW: 177.30 MOLFM: Cl2-Pd
SYN: NCI-C60184 * PALLADIUM CHLORIDE * PALLADOUS CHLORIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 100 mg/24H MLD AEHLAU 30,168,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 itt-rat TDLo:3546 ug/kg (1D male) JRPFA4 7,21,64
1T02 scu-mus TDLo:3546 ug/kg (30D male) JRPFA4 7,21,64
TUMORIGENIC DATA AND REFERENCES:
3V01J60P61 orl-mus TDLo:880 mg/kg/75W-C JONUAI 101,1431,71
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:31 mg/kg GTPZAB 21(7),55,77
ipr-rat LD50:70 mg/kg EVHPAZ 10,63,75
ivn-rat LD50:5 mg/kg EVHPAZ 10,63,75
itr-rat LD50:6 mg/kg EVHPAZ 10,63,75
ipr-mus LD50:104 mg/kg COREAF 256,1043,63
* ivn-rbt LDLo:1800 ug/kg 85ESA3 9,906,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RT3575000 PALLADIUM (II), DIAMMINEDICHLORO-, cis-
UPDT:8311 CAS: 15684-18-1 MW: 211.38 MOLFM: Cl2-H6-N2-Pd
SYN: cis-DIAMINEDICHLOROPALLADIUM (II)
MUTATION DATA AND REFERENCES:
dnr-esc 100 ug/L PCJOAU 16,721,82

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3 mg/kg GTPZAB 21(7),55,77
unk-mus LD50:50 mg/kg RRCRBU 4P 113,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PALLADOUS CHLORIDE see: RT3500000

RT3850000 PALLADOUS CHLORIDE, BIS(TRI-(beta-CHLOROVINYL)ARSINE)-
UPDT:7901 CAS: 64047-29-6 MW: 696.08 MOLFM: C12-H12-As2-Cl8-Pd
SYN: BIS(TRI-(beta-CHLOROVINYL)ARSINE)PALLADOUS CHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg JPETAB 93,287,48
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
PALLETHRINE see: GZ1925000
PALLICID see: CF8400000

RT4045000 PALMAROSA OIL
UPDT:8305 CAS: 8014-19-5
SYN: OIL OF PALMAROSA
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,947,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
PALMITA see: UB9275000

RT4190000 PALMITAMIDE, N-ISOBUTYL-
UPDT:8405 MW: 311.62 MOLFM: C20-H41-N-O
SYN: N-ISOBUTYLPALMITAMIDE * PALMITIC ACID ISOBUTYLAMIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:700 mg/kg (1-7D preg) IJSIDW 40,113,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RT4550000 PALMITIC ACID
UPDT:8403 CAS: 57-10-3 MW: 256.48 MOLFM: C16-H32-O2
SYN: CETYLIC ACID * EMERSOL 140 * EMERSOL 143 * HEXADECANOIC ACID * n-HEXADECOIC ACID * HEXADECYLIC ACID * HYDROFOL * HYSTRENE 8016 * HYSTRENE 9016 * INDUSTRENE 4516 * 1-PENTADECANECARBOXYLIC ACID
IRRITATION DATA AND REFERENCES:
skn-hmn 75 mg/3D-I MLD 85DKA8 -,127,77
TUMORIGENIC DATA AND REFERENCES:
2V02M60 imp-mus TDLo:1000 mg/kg CNREA8 26,105,66
TOXICITY DATA AND REFERENCES:
1F12 ivn-mus LD50:57 mg/kg APTOA6 18,141,61
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 21,100,60
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RT4740000 PALMITIC ACID, 2-ETHYLHEXYL ESTER
UPDT:8305 CAS: 29806-73-3 MW: 368.72 MOLFM: C24-H48-O2
SYN: CERAPHYL 368 * 2-ETHYLHEXYL PALMITATE * HEXADECANOIC ACID, 2-ETHYLHEXYL ESTER (9CI) * OCTYL PALMITATE * WICKENOL 155
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 19,251,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
PALMITIC ACID ISOBUTYLAMIDE see: RT4190000

RT4900000 PALMITIC ACID, ISOPROPYL ESTER
UPDT:8307 CAS: 142-91-6 MW: 298.57 MOLFM: C19-H38-O2
SYN: ISOPROPYL HEXADECANOATE * CRODAMOL IPP * DELTYL * DELTYL PRIME * EMCOL-IP * EMEREST 2316 * ESTOL 103 * HEXADECANOIC ACID, ISOPROPYL ESTER * ISOPAL * ISOPROPYL n-HEXADECANOATE * ISOPROPYL PALMITATE * JA-FA IPP * KESSCO ISOPROPYL PALMITATE * PLYMOUTH IPP * PROPAL * STARFOL IPP * STEPAN D-70 * TEGESTER ISOPALM * UNIMATE IP" * USAF KE-5 * WICKENOL 111
IRRITATION DATA AND REFERENCES:
skn-hmn 84 mg/3D-I MLD 85DKA8 -,127,77
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),727,82
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:100 mg/kg NTIS** AD277-689
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
alpha-(beta-PALMITOYL)-LYSOLECITHIN see: GA4026000
1-PALMITOYLLYSOLECITHIN see: GA4026000
PALMITOYL LYSOPHOSPHATIDYL CHOLINE see: GA4026000
1-PALMITOYL-4-PALMITOYLOXYPROLINE see: TW3673000
PALMITYL ALCOHOL see: MM0225000
PALMITYLAMINE see: ML9100000
PALOHEX see: NM7535400
PALONYL see: RC8925000
PALOPAUSE see: GL1224000
PALPHIUM TARTRATE see: UY1430000
PALTET see: QI9100000
PALUDRINE see: DU1225000
PALUDRINE HYDROCHLORIDE see: DU1750000
PALUSAN see: AR7875000
PALUSIL HYDROCHLORIDE see: DU1750000

RT6400000 PALYGORSCITE
UPDT:8401 CAS: 12174-11-7
SYN: PALYGORSKIT (German)
TUMORIGENIC DATA AND REFERENCES:
2V02V10 ipr-rat TDLo:338 mg/kg/2W-I ZHPMAT 162,467,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PALYGORSKIT (German) see: RT6400000

RT6460000 PALYTHOATOXIN
UPDT:8308 CAS: 58718-68-6
SYN: PTX
TOXICITY DATA AND REFERENCES:
3F18F23G30 ipr-mus LDLo:600 ng/kg 35FUAR 2,379,76
3F18F23G30 ivn-mus LD50:530 ng/kg 35FUAR 2,379,76
3F18F23G30 ivn-cat LDLo:200 ng/kg 35FUAR 2,379,76

RT6475000 PALYTOXIN
UPDT:8406 CAS: 11077-03-5 MW: 2531.24 MOLFM: C120-H200-N4-O52
IRRITATION DATA AND REFERENCES:
skn-rbt 250 ng/4H MOD TOXIA6 12,427,74
eye-rbt 300 mg/24H SEV TOXIA6 12,427,74
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:710 ng/kg TXAPA9 34,214,75
scu-rat LD50:400 ng/kg TXAPA9 34,214,75
ivn-rat LD50:89 ng/kg TXAPA9 34,214,75
ims-rat LD50:240 ng/kg TXAPA9 34,214,75
3G06G30H04 par-rat LDLo:25 ng/kg 34TRAD -,311,76
itr-rat LD50:360 ng/kg TXAPA9 34,214,75
* ipr-mus LD50:50 mg/kg PWPSA8 17,294,74
ivn-mus LD50:150 ng/kg SCIEAS 172,495,71
ivn-dog LD50:33 ng/kg TXAPA9 34,214,75
3G06G30H04 par-dog LDLo:50 ng/kg 34TRAD -,311,76
ivn-mky LD50:78 ng/kg TXAPA9 34,214,75
ivn-rbt LD50:25 ng/kg TXAPA9 34,214,75
ivn-gpg LD50:110 ng/kg TXAPA9 34,214,75
3G06G30H04 par-gpg LDLo:25 ng/kg 34TRAD -,311,76
PAM (Czech) see: UU4375000
L-PAM see: AY3675000
P-2-AM see: UU4375000
2-PAM see: UU4375000
2-PAM see: UU4200000
PA 11M see: AT4680000
PAMA see: GZ0591900
PAMACEL YELLOW G-3 see: AC3662000
2-PAM ACETATE see: UU4180000 PYRIDINIUM, 2-FORMYL-1-METHYL-, ACETATE, OXIME
PAMACYL see: VO1225000
PAMAZONE see: KK2275000
2-PAM CHLORIDE see: UU4200000
PAM 2CL see: UU4200000
2-PAM DIHYDROGEN PHOSPHATE see: UU4350000
PAMELOR see: HP0175000
2-PAM HYDROGEN SULFATE see: UU4360000
PAMINE see: YM3675000
PAMINE BROMIDE see: YM3675000
2-PAM IODIDE see: UU4375000
PAMISAN see: OV6475000
PAMISYL see: VO1225000
2-PAM LACTATE see: UU4550000
2-PAM METHANESULFONATE see: UU4570000
PAMN see: AJ3700000
2-PAM NITRATE see: UU4585000
PAMOIC ACID see: QL2180000
PAMOLYN see: RG2275000
PAMOSOL 2 FORTE see: ZH3325000
PAMOVIN see: VC3543500
PAMPRIN see: AM4375000
2-PAM SULFONATE see: US0525000
2-PAM TARTRATE see: UU2593500
PANACAINE see: QE8480000
PANACELAN see: UK8020000
PANACID see: UV1153900
PANACIDE see: SM0175000

RT8430000 PANACIS JAPONICI, rhizome extract
UPDT:8404
SYN: PANAX JAPONICUM C.A. Meyer, rhizome extract
TOXICITY DATA AND REFERENCES:
3F07F17J25 ipr-mus LD50:733 mg/kg CPBTAL 25,1017,77
3F07F17J25 ivn-mus LD50:365 mg/kg CPBTAL 25,1017,77
PANACUR see: DD6520500
PANADOL see: AE4200000
PANADON see: ES4316000
PANALDINE see: XJ9089100
PANAM see: FC5950000
PANAX JAPONICUM C.A. Meyer, rhizome extract see: RT8430000
PANAZON see: MF4620000
PANAZONE see: MF4620000
PANCAL see: RU4375000
PANCALMA see: TZ0175000
PANCHOTKAM EXTRACT (Indian) see: EE4960000
PANCID see: WO9100000
PANCORAL see: DN8780000
PANCREATIC BASIC TRYPSIN INHIBITOR see: YN5080000
PANCREATIC TRYPSIN INHIBITOR see: YN5080000
PANCREATIC TRYPSIN INHIBITOR (KUNITZ) see: YN5080000
PANCREATOPEPTIDASE E see: JX7069000
PANCRIDINE see: AR9065000
PANCURONIUM BROMIDE see: TN4930000
PANCURONIUM BROMIDE HYDRATE see: TN4939050
PANCURONIUM DIBROMIDE HYDRATE see: TN4939050

RT9044500 PANDANUS FURCATUS Roxb., extract excluding roots
DEF:Indian plant belonging to the family PANDANACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

RT9044600 PANDANUS FURCATUS Roxb., fruit extract
DEF:Indian plant belonging to the family PANDANACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

RT9045000 PANDANUS ODORATISSIMUS Linn. f., extract
DEF:Indian plant belonging to the family PANDANACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: KEORA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 7,250,69
PANDRINOX see: OW1750000
PANDUROL see: AF5960000
PANEDIOL see: TZ0175000
PANETS see: AE4200000
PANEX see: AE4200000
PANFLAVIN see: AR9625000
PANFLAVIN see: AR9660000
PANFORMIN see: DU1135000
PANFURAN ACETATE see: AC6725000
PANFURAN HYDROCHLORIDE see: XY3215000
PANFURAN-S see: PC3200000
PANFURAN-TROCHE see: AC6725000
PANGAR FRUIT EXTRACT (Indian) see: AW2221600
PANGAR STEM BARK EXTRACT (Indian) see: AW2221610
PANGUL see: TI4375000
PANHIBIN see: WF8751700
PANISAJ EXTRACT (Indian) see: WZ6265300
PANITHAL see: VN6475000
PANIVARFIN see: GN4725000
PANKALMA see: TZ0175000
PANMYCIN see: QI8750000
PANMYCIN HYDROCHLORIDE see: QI9100000
PANOCTINE see: MF3624000

PANO-DRENCH 4 see: OW1750000
PANODRIN A-13 see: OW1750000
PANOFEN see: AE4200000
PANOGEN see: OV6300000
PANOGEN see: OW1750000
PANOGEN 15 see: OW1750000
PANOGEN 43 see: OW1750000
PANOGEN M see: OV6300000
PANOGEN PX see: OW1750000
PANOGEN TURF FUNGICIDE see: OW1750000
PANOGEN TURF SPRAY see: OW1750000
PANOLID see: RD0525000
PANOLIL see: MF3624000
PANORAM see: LT8520000
PANORAM 75 see: JO1400000
PANORAM D-31 see: IO1750000
PANOSINE see: QL9100000
PANOSPRAY 30 see: OW1750000
PANOXYL see: DM8575000
PANPARNIT see: GY3870000
PANRONE see: AE3850000
PANSAR EXTRACT (Indian) see: LX2500000
PANSOIL see: XI3875000
PANTALGINE see: NS5950000
PANTAS see: BP8249200
PANTASOTE R 873 see: KV0350000
PANTELMIN see: EY8600000
PANTESTIN see: XA3115000
PANTETHINE see: ES4392700
D-PANTETHINE see: ES4392700
PANTETINA see: ES4392700
PANTHELINE see: BP8249200
PANTHENOL see: ES4316000
D-PANTHENOL see: ES4316000
D(+)-PANTHENOL see: ES4316000
PANTHER CREEK BENTONITE see: CT9450000
PANTHESIN see: SA6475000
PANTHESINE see: SA6475000
PANTHION see: TF4550000
PANTHODERM see: ES4316000
PANTHOJECT see: RU4375000
PANTHOLIC-L see: NM7460000
PANTHOLIN see: RU4375000
PANTOBROMINO see: XH2387000
PANTOCAINE see: DG4725000
PANTOCAINE HYDROCHLORIDE see: DG4900000

RU3680000 PANTOCRIN

UPDT:8408 CAS: 53025-21-1

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T35	ims-rat TDLo:63 mg/kg (7-13D preg)	OYYAA2 6,727,72
1T24	ims-rat TDLo:3150 ug/kg (7-13D preg)	OYYAA2 6,727,72
2T24T26	ims-mus TDLo:31500 ug/kg (6-12D preg)	OYYAA2 6,727,72

TOXICITY DATA AND REFERENCES:

3F05F11J25	orl-rat LD50:87800 mg/kg	OYYAA2 6,739,72
3F05F11J25	ipr-rat LD50:82 gm/kg	OYYAA2 6,739,72
3F05F11J25	scu-rat LD50:112 gm/kg	OYYAA2 6,739,72
3F05F11J25	ivn-rat LD50:17800 mg/kg	OYYAA2 6,739,72
3F05F11J25	orl-mus LD50:117 gm/kg	OYYAA2 6,739,72
3F05F11J25	ipr-mus LD50:104 gm/kg	OYYAA2 6,739,72
3F05F11J25	scu-mus LD50:114 gm/kg	OYYAA2 6,739,72
3F11F12J25	ivn-mus LD50:34 gm/kg	OYYAA2 6,739,72
3F05F11J25	ims-mus LD50:97800 mg/kg	OYYAA2 6,739,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PANTOL see: ES4316000
PANTOLAX see: GA2360000
PANTOMICINA see: KF4375000
PANTOMIN see: ES4392700
PANTONSILETTEN see: AR9660000
PANTOPRIM see: UV8240000
PANTOSEDIV see: TI4375000
PANTOSIN see: ES4392700
PANTOTHENATE CALCIUM see: RU4375000
PANTOTHENIC ACID see: RU4729000
(+)-PANTOTHENIC ACID see: RU4729000
D-PANTOTHENIC ACID see: RU4729000
PANTOTHENIC ACID, CALCIUM SALT see: RU4375000
PANTOTHENIC ACID, CALCIUM SALT, (+)- see: RU4375000

RU4375000 PANTOTHENIC ACID, CALCIUM SALT (2:1), (+)-

UPDT:8411 CAS: 137-08-6 MW: 490.63 MOLFM: C19-H34-N2-O10 .Ca

SYN: CALCIUM D(+)-N-(alpha,gamma-DIHYDROXY-beta,beta-DIMETHYLBUTYRYL)-beta-ALANINATE * CALCIUM PANTHOTHENATE * CALCIUM PANTOTHENATE * CALCIUM d-PANTOTHENATE * d-CALCIUM PANTOTHENATE * CALPANATE * DEXTRO CALCIUM PANTOTHENATE * N-(2,4-DIHYDROXY-3,3-DIMETHYLBUTYRYL)-beta-ALANINE CALCIUM * PANCAL * PANTHOJECT * PANTHOLIN * PANTOTHENATE CALCIUM * PANTOTHENIC ACID, CALCIUM SALT * PANTOTHENIC ACID, CALCIUM SALT, (+)- * (+)-PANTOTHENIC ACID CALCIUM SALT * VITAMIN B-5

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:820 mg/kg	PSEBAA 45,311,40
	scu-rat LD50:3400 mg/kg	PSEBAA 45,311,40
*	ivn-rat LD50:830 mg/kg	NIIRDN 6,599,82
*	orl-mus LD50:10 gm/kg	NIIRDN 6,599,82
	ipr-mus LD50:920 mg/kg	PSEBAA 45,311,40
	scu-mus LD50:2700 mg/kg	PSEBAA 45,311,40
	ivn-mus LD50:910 mg/kg	PSEBAA 45,311,40

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

(+)-PANTOTHENIC ACID CALCIUM SALT see: RU4375000

RU4729000 PANTOTHENIC ACID, D-

UPDT:8305 CAS: 79-83-4 MW: 219.27 MOLFM: C9-H17-N-O5

SYN: beta-ALANINE, N-(2,4-DIHYDROXY-3,3-DIMETHYL-1-OXOBUTYL)-, (R)- (9CI) * CHICK ANTIDERMATITIS FACTOR * PANTOTHENIC ACID * (+)-PANTOTHENIC ACID * D-PANTOTHENIC ACID * VITAMIN B3 * VITAMIN B5

TOXICITY DATA AND REFERENCES:

*	unk-mus LD50:2490 mg/kg	BTMNA7 25,297,62

PANTOTHENOL see: ES4316000
d-PANTOTHENOL see: ES4316000
PANTOTHENYL ALCOHOL see: ES4316000
d-PANTOTHENYL ALCOHOL see: ES4316000
D(+)-PANTOTHENYL ALCOHOL see: ES4316000
DL-PANTOTHENYL ALCOHOL see: ES4316500
PANTOVERNIL see: AB6825000
PANTOZOL 1 see: GQ5075000
PAN-TRANQUIL see: TZ0175000
PANURIN see: DK9100000
PANWARFIN see: GN4725000
PAP see: AI7875000
PAP see: US7875000
PAP see: SJ5075000
PAP see: TP9230000
PAP-1 see: BD0330000

RU4950000 PAPAIN

UPDT:8408 CAS: 9001-73-4

SYN: ARBUZ * CAROID * NEMATOLYT * PAPAYOTIN * SUMMETRIN * TROMASIN * VEGETABLE PEPSIN * VELARDON * VERMIZYM

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T59	orl-rat TDLo:750 mg/kg (13D preg)	IJMRAQ 67,499,78
1T46	orl-rat TDLo:750 mg/kg (8-17D preg)	IJEBA6 18,953,80
1T41	orl-rat TDLo:1500 mg/kg (10-11D preg)	JAINAA 29,82,80
2T51T53	orl-rat TDLo:750 mg/kg (8D preg)	IJMRAQ 72,300,80
2T51T53	ipr-rat TDLo:375 mg/kg (8D preg)	IJMRAQ 72,300,80
3T25T59T35	ipr-rat TDLo:375 mg/kg (12D preg)	IJMRAQ 67,499,78
1T55	ipr-rat TDLo:375 mg/kg (12D preg)	IJMRAQ 67,499,78
1T46	ipr-rat TDLo:375 mg/kg (8-17D preg)	IJEBA6 18,953,80
1T41	ipr-rat TDLo:750 mg/kg (8D preg)	JAINAA 29,82,80
2T25T76	orl-rbt TDLo:500 mg/kg (16-18D preg)	JAINAA 28,6,79
2T25T76	ipr-rbt TDLo:500 mg/kg (17D preg)	JAINAA 28,6,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PAPANERINE see: NW8450000
PAPANERIN-HCl (German) see: NW8575000

RU5160000 PAPAVER DUBIUM Linn., extract excluding roots

DEF:Indian plant belonging to the family PAPAVERACEAE (IJEBA6 16,228,78)
UPDT:8412

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:1 gm/kg	IJEBA6 16,228,78

PAPAVERINA (Italian) see: NW8450000
PAPAVERINE see: NW8450000
PAPAVERINE ADENOSINE 5-MONOPHOSPHATE see: AU7481800
PAPAVERINE ADENYLATE see: AU7481800
PAPAVARINE CHLORHYDRATE see: NW8575000
PAPAVERINE CHLOROHYDRATE see: NW8575000
PAPAVERINE HYDROCHLORIDE see: NW8575000
PAPAVERINE MONOHYDROCHLORIDE see: NW8575000
PAPAVERINE MONOPHOSADENINE see: AU7481800
PAPAVERINE SALT of SULFURIC ESTER of DEHYDROEPIANDROSTERONE see: BV8397600
PAPAVERIN-3-MONOSOLFATO DEL DEIDROEPIANDROSTERONE (Italian) see: BV8397600
PAPAYA, unripe fruit pulp extract see: FH8409000

RU5964100 PAPAYA, seed

UPDT:8412

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T23	orl-rat TDLo:4480 mg/kg (56D male)	IJEBA6 18,408,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PAPAYOTIN see: RU4950000
PAPER BLACK BA see: QJ6160000
PAPER BLACK T see: QJ6160000
PAPER BLUE 6B see: QJ6430000
PAPER BLUE R see: BO9000000
PAPER DEEP BLACK C see: QJ6160000
PAPER RED 4B see: QK1765000
PAPER RED HRR see: QJ6825000
PAPER SCARLET 3BX see: QJ6476000
PAPER YELLOW R EXTRA see: GD0197800
PAPER YELLOW RF see: GD0197800
PAPETHERINE HYDROCHLORIDE see: NW7524100
PAP H see: NW8575000
PAPI see: TR0320000
PAPI 901 see: TR0320000
PA 6 (POLYMER) see: TQ9800000
PAPP see: UG7350000
PAPRICA EXTRACT see: RU6480000

RU6480000 PAPRIKA EXTRACT

DEF:A natural food additive (KEKHB8 (9),11,79)
UPDT:8411
SYN: PAPRICA EXTRACT

MUTATION DATA AND REFERENCES:

	mmo-sat 100 ug/plate	KEKHB8 (9),11,79
	mma-sat 160 mg/plate	JAFCAU 31,1020,83
	mmo-esc 100 ug/plate	KEKHB8 (9),11,79
	cyt-ham:fbr 1 gm/L/4H	FCTXAV 14,9,76

PAPTHION see: AI7875000
PARA see: SS8050000
PARAACETALDEHYDE see: YK0525000
PARAAMINODIPHENYL see: DU8925000
PARA-AMINO SALICYLIC ACID see: VO1225000
PARAASPIDIN see: EU1300000
PARABAR 441 see: GO7875000
PARABEN see: DH2800000
PARABEN see: DH2450000
PARABIS see: SM0175000
PARABROMOTOLUENE see: XS7965600
PARABUTOXATE HYDROCHLORIDE see: DG1502990
PARABUTYLTOLUENE see: XS8390000
PARACAIN see: DG2275000
PARACETALDEHYDE see: YK0525000
PARACETAMOL see: AE4200000
PARACETAMOLE see: AE4200000
PARACETAMOLO (Italian) see: AE4200000
PARACETANOL see: AE4200000
PARACETOPHENETIDIN see: AM4375000
PARACHLORAMINE see: TL1970000
PARACHLOROCIDUM see: KJ3325000
PARACHLOROPHENOL see: SK2800000
PARACHLOROPHENOXYACETIC ACID see: AG0175000
3-(PARACHLOROPHENYL)-1,1-DIMETHYLUREA TRICHLOROACETATE see: AJ8050000
PARACHLOROPHENYL-PARACHLOROBENZENE-SULFONATE see: DB5250000
PARACIDE see: CZ4550000
PARACIPAN see: VO1470000

PARACODIN see: QD1680000
PARACODINE see: QD1680000
PARA-COL see: DW2275000
PARACORT see: TU4154100
PARACORTOL see: TU4152000
PARACOTOIN see: RZ2475000
PARACOTOL see: TU4152000
PARA-CRESOL see: GO6475000
PARACRESYL ACETATE see: AJ7570000
PARACRESYL ISOBUTYRATE see: NQ5460000
PARA CRYSTALS see: CZ4550000
d-PARACURARINE CHLORIDE see: YO4900000
PARACYMENE see: GZ5950000
PARACYMOL see: GZ5950000
PARADERIL see: DJ2800000
PARADI see: CZ4550000
PARADICHLOROBENZENE see: CZ4550000
PARADICHLOROBENZOL see: CZ4550000
PARA-DIEN see: SL0580000
PARADIONE see: RP9800000
(0)-PARADOL see: EL8900000
PARADONE GOLDEN YELLOW see: HO7030000
PARADONE OLIVE GREEN B see: SJ4950000
PARADORMALENE see: UT1400000
PARADOW see: CZ4550000
PARADUST see: TF4550000

RV0350000 PARAFFIN
UPDT:8412 CAS: 8002-74-2
TUMORIGENIC DATA AND REFERENCES:
2V03M60 imp-rat TDLo:120 mg/kg CNREA8 33,1225,73
1V03 imp-mus TDLo:480 mg/kg 85DAAC 5,170,66
2V03M60 imp-mus TD :640 mg/kg BJCAAI 17,127,66
2V03M60 imp-mus TD :660 mg/kg CALEDQ 6,21,79
3V03J60M60 imp-mus TD :560 mg/kg BJURAN 36,225,64
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JNCIAM 52,1685,74; ADCSAJ 13,271,70
★ TLV-TWA 2 mg/m3; STEL 6 mg/m3 (vapor) DTLVS* 4,319,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PARAFFIN OIL see: PY8030000

RV0450000 PARAFFIN WAXES AND HYDROCARBON WAXES, CHLORINATED
UPDT:8412 CAS: 63449-39-8
SYN: CERECHLOR 54 * CERECLOR * CERECLOR 30 * CERECLOR 42 * CERECLOR 48 * CERECLOR 52 * CERECLOR 54 * CERECLOR 70 * CERECLOR 51L * CERECLOR 63L * CERECLOR 65L * CERECLOR 70L * CERECLOR 50LV * CERECLOR S 42 * CERECLOR S52 * CERECLOR S70 * CHLORCOSANE * CHLOREZ 700 * CHLOREZ 700HMP * CHLORINATED PARAFFINS * CHLOROWAX * CHLOROWAX 50 * CHLOROWAX 70 * CHLOROWAX 500C * CHLOROWAX 70S * CHLOROWAX S 70 * CLORAFIN * CRECHLOR S 45 * FLEXCHLOR * NCI-C53587 * PAROIL CHLOREZ * UNICHLOR * UNICHLOR 50
IRRITATION DATA AND REFERENCES:
skn-rat 100 mg/24H MLD TXAPA9 54,514,80
eye-rbt 100 mg MLD TXAPA9 54,514,80
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
PARAFLEX see: DM5250000
PARAFLU see: CB4375000
PARAFORM see: LP8925000
PARAFORM see: RV0540000

RV0540000 PARAFORMALDEHYDE
UPDT:8405 CAS: 30525-89-4 MOLFM: (C-H2-O)n
SYN: FLO-MOR * FORMAGENE * PARAFORM * PARAFORMALDEHYDE (DOT) * TRIFORMOL * TRIOXYMETHYLENE * UN 2213 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV BIOFX*
eye-rbt 100 mg SEV BIOFX*
MUTATION DATA AND REFERENCES:
otr-rat:emb 2200 ng/plate JJATDK 1,190,81
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:800 mg/kg 28ZEAL 4,308,69
3F07R11U26 skn-rbt LDLo:10000 mg/kg BIOFX*
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 27ZTAP 3,108,69
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
PARAFORMALDEHYDE (DOT) see: RV0540000
PARAFORMALDEHYDE-UREA POLYMER see: YU1610000
PARAFORMALDEHYDE-UREA RESIN see: YU1610000
PARAFUCHSIN (German) see: CX9850000
PARAFUCHSINE see: CX9850000
PARAGLAS see: TR0400000
PARAGYLINE see: DP6475000
PARAL see: YK0525000
PARALCTIN see: TW2895000
PARALDEHYD (German) see: YK0525000
PARALDEHYDE see: YK0525000
PARALDEHYDE (DOT) see: YK0525000
PARALDEIDE (Italian) see: YK0525000
PARALEST see: TN2625000
PARALGIN see: PB1300000
PARALKAN see: BO3150000
PARALKAN see: BO3325000
PARA-MAGENTA see: CX9850000
PARAMAL see: UT1225000
PARAMAR see: TF4550000
PARAMAR 50 see: TF4550000

RV1860000 PAREMENTAL A
DEF:Consists of GLUCOSE, SODIUM CHLORIDE, POTASSIUM ACETATE, SODIUM ACETATE, MAGNESIUM SULFATE,and CALCIUM GLUCONATE (NIIRDN 6,591,82)
UPDT:8303
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:21 gm/kg NIIRDN 6,591,82
* ivn-rbt LD50:42 gm/kg NIIRDN 6,591,82

RV1860100 PAREMENTAL B
DEF:Consists of GLUCOSE, SODIUM CHLORIDE, POTASSIUM ACETATE, SODIUM ACETATE, MAGNESIUM SULFATE,and POTASSIUM PHOSPHATE DIBASIC (NIIRDN 6,591,82)
UPDT:8303
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:26 gm/kg NIIRDN 6,591,82
* ivn-rbt LD50:45 gm/kg NIIRDN 6,591,82
PARAMENTHANE HYDROPEROXIDE (DOT) see: MX2500000
PARAMETADIONE see: RP9800000
PARAMETHADIONE see: RP9800000
PARAMETHASONE 21-ACETATE see: TU4025000
PARAMETHAZONE ACETATE see: TU4025000
PARAMETHYL PHENOL see: GO6475000
PARAMETTE see: AM4375000
PARAMICINA see: WK2320000
PARAMID see: WP0400000
PARAMIDIN see: CQ1497900
PARAMIDINE see: CQ1497900
PARAMID SUPRA see: WP0400000

RV2485000 PARAMIGNYA ANGULATA Kurz., extract excluding roots
DEF:Indian plant belonging to the family RUTACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 18,594,80
PARAMINE BLACK B see: QJ6160000
PARAMINE BLACK E see: QJ6160000
PARAMINE BLUE 2B see: QJ6400000
PARAMINE BLUE 3B see: QJ6475000
PARAMINE FAST SCARLET 3B see: QJ6476000
PARAMINE FAST VIOLET N see: QK1420000
PARAMINE FAST YELLOW R see: GD0197800
PARAMINE SKY BLUE FF see: QJ6430000
PARAMINE YELLOW R see: GD0197800
PARAMINE YELLOW RG see: GD0197800
PARAMINOL see: DG1400000
PARAMINOPROPIOPHENONE see: UG7350000
PARAMINYL see: UT0875000
PARAMINYL MALEATE see: UT1225000
PARAMOTH see: CZ4550000
PARAMYCIN see: VO1225000
PARANAPHTHALENE see: CA9350000
PARANATE see: DG1400000
PARANEPHRIN see: DO2625000
PARANITROANILINE, SOLID (DOT) see: BY7000000
PARANITROFENOL (Dutch) see: SM2275000
PARANITROFENOLO (Italian) see: SM2275000
PARANITROPHENOL (French,German) see: SM2275000
PARANITROSODIMETHYLANILIDE see: BX7175000
PARANOL see: SJ5075000
PARANOL FAST BROWN BRL see: GL7375000
PARA NONYL PHENOL see: SM5600000
PARANOX 441 see: GO7875000
PARANTEN see: DF1575000
PARANUGGETS see: CZ4550000
PARA ORANGE see: QK2450000
PARAOXON see: TC2275000
PARAOXON, DI-n-PROPYL see: TC5600000
PARAOXONE see: TC2275000
PARAOXON PROPYL see: TC5600000
PARAPAN see: AE4200000
PARA-PAS see: VO1225000
PARAPEST M-50 see: TG0175000
PARAPET 60N see: TR0400000
PARAPHENOLAZO ANILINE see: BY8225000
PARAPHENYLEN-DIAMINE see: SS8050000
PARAPHOS see: TF4550000
PARAPLEX P 543 see: TR0400000
PARAPLEX P 681 see: TR0400000
PARAPONERA CLAVATA VENOM see: YX3963200
PARAQUAT see: DW2275000
PARAQUAT BIS(METHYL SULFATE) see: DW2010000
PARAQUAT CHLORIDE see: DW2275000
PARAQUAT CL see: DW2275000
PARAQUAT, DICHLORIDE see: DW2275000
PARAQUAT DIMETHYL SULFATE see: DW2010000
PARAQUAT DIMETHYL SULPHATE see: DW2010000
PARAQUAT I see: DW2010000
PARAROSANILINE see: CX9850000
PARAROSANILINE CHLORIDE see: CX9850000
PARAROSANILINE, N,N,N',N',N'',N''-HEXAMETHYL-, CHLORIDE see: BO9000000
PARAROSANILINE HYDROCHLORIDE see: CX9850000
PARASAL see: VO1225000
PARASALICIL see: VO1225000
PARASALINDON see: VO1225000
PARASAN see: DD2800000
PARASCORBIC ACID see: UQ0525000
PARASEPT see: DH1980000
PARASEPT see: DH2450000
PARASEPT see: DH2800000
PARASOL see: GL7600000
PARASORBIC ACID see: UQ0525000
(+)-PARASORBINSAEURE (German) see: UQ0525000
PARASPAN see: YM3675000
PARASPEN see: AE4200000
PARASTARIN see: WI4100000
PARASYMPATOL see: DO7350000
PARATAF see: TG0175000
PARATHENE see: TF4550000
PARATHIAZINE see: SP4725000
PARATHION see: TF4550000
PARATHION and Compressed Gas MIXTURES see: TF5075000
PARATHION and compressed gas mixture (DOT) see: TF5075000
PARATHION-ETHYL see: TF4550000
PARATHION, LIQUID (DOT) see: TF4550000
PARATHION METHYL see: TG0175000
PARATHION METHYL HOMOLOG see: TG0175000
PARATHION-METILE (Italian) see: TG0175000
PARATHION MIXTURE, DRY (DOT) see: TF4920000
PARATHION MIXTURE, LIQUID (DOT) see: TF4920000

RV9323000 PARATHORMONE
UPDT:8401 CAS: 9002-64-6
SYN: KAKERBIN * PARATHYRIN * PARATHYROID HORMONE * PTH
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T83 scu-rat TDLo:500 iu/kg (21D preg) ANENAG 32,253,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PARATHYRIN see: RV9323000
PARATHYROID HORMONE see: RV9323000
PARATODOL see: AM4375000
PARATOX see: TG0175000
PARAVESPULA FLAVOPILOSA VENOM see: YX4539200
PARAVESPULA MACULIFRONS VENOM, QUEEN see: YX4539400
PARAVESPULA MACULIFRONS VENOM, WORKER see: YX4539500
PARAVESPULA GERMANICA VENOM see: YX4539300
PARAWET see: TF4550000
PARAXENOL see: DV5850000
PARAXIN see: AB6825000
PARAXIN SUCCINATE see: WM9650000
PARAZAN see: DD2800000
PARAZENE see: CZ4550000
PARAZINE see: TL3485000
PARAZONE see: AE3850000
PARBENDAZOLE see: DD6495000
PARBOCYL-REV see: VO5075000
PARCIDOL see: SO4900000
PARCLAY see: GF1670500
PARCLOID see: KV0350000
PARDA see: AY5600000
PARDIDOL see: SO4900000
PARDINON see: YP2625000
PARDISOL see: SO4900000
PARDOPA see: AY5600000
PARELLIC ACID see: HP3082200
PARENCILLIN see: XH9450000
PARENTERAL see: KK2275000
PARENTRACIN see: CP0175000
PARENZYME see: YN5075000
PARENZYMOL see: YN5075000
PAREST see: VA3850000
PAR ESTRO see: GL1224000
PARFEZINE see: SO4900000
PARFURAN see: MU2800000
PARGITAN see: TN2625000
PARGONYL see: WK2315000
PARGYLAMINE see: DP6475000
PARGYLIN see: DP6475000
PARGYLINE see: DP6475000
PARGYLINE CHLORIDE see: DP6650000
PARGYLINE HYDROCHLORIDE see: DP6650000
PARICINA see: WK2320000
PARIDINE RED LCL see: DB5500000
PARIDOL see: DH2450000
PARIETIN see: CB6720000

RW2000000 PARILLIN
UPDT:8308 CAS: 19057-61-5 MW: 1049.35 MOLFM: C51-H84-O22
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:10 mg/kg 85GDA2 8(2),255,82
PARINOL see: UT4725000
PARIS GREEN see: GL6475000
PARIS GREEN, solid (DOT) see: GL6475000
PARIS RED see: OG5425000

RW2470000 PARIS POLYPHYLLA Sm., rhizome extract
DEF:Indian plant belonging to the family LILIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:300 mg/kg IJEBA6 16,228,78
PARIS VIOLET R see: GC8425000
PARIS YELLOW see: GB2975000
PARKE DAVIS CI-628 see: UY1348500
PARKEMED see: CB4550000
PARKIBLEU see: QJ6475000
PARKIN see: SO4900000
PARKINSAN see: TN2625000
PARKIPAN see: QJ6475000
PARKISOL see: SO4900000
PARKOPAN see: TN2625000
PARKOPHYLLIN see: XH3850000
PARKOSED see: YS2975000
PARKOTAL see: CQ6825000
PARKS see: TN2855000
PARKS 12 see: TN2855000
PAR KS-12 see: TN2856000
PARKS 12 HOMMEL see: TN2855000
PARLEF see: CB4375000
PARLIF see: CB4375000
PARLODEL see: KE1595000
PARLODION see: QW0970000
PARMAL see: UT0875000
PARMAVERT see: RB3384000

RW3110000 PARMELIA NEPALENSIS, extract
DEF:Indian plant belonging to the family POUMELIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

RW3120000 PARMELIA PERLATA Esch., extract
DEF:Indian plant belonging to the family POUMELIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78
PARMETHASONE ACETATE see: TU4025000
PARMETOL see: GO7100000
PARMIDIN see: FC7530000
PARMIDINE see: FC7530000
PARMIDINE R see: FC7530000
PARMINAL see: VA3850000
PARMOL see: AE4200000
PARMONE see: QJ0875000

RW3220000 PARNASSIA NUBICOLA Wall. ex. Royle, extract
DEF:Indian plant belonging to the family SAXIFRAGACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80
PARNATE see: GZ2450000
PARNON see: UT4725000
PARODYNE see: CD2450000
PAROIL CHLOREZ see: RV0450000
PAROL see: GO7100000
PAROL see: PY8030000
PAROLEINE see: PY8030000
PAROMOMYCIN see: WK2315000
PAROMOMYCINE see: WK2315000
PAROMOMYCIN I see: WK2315000
PAROMOMYCIN SULFATE see: WK2320000
PAROXAN see: TC2275000
PAROXON see: UH1925000
PAROXYL see: CF8400000
PAROXYPROPIONE see: UH1925000
PARPANIT see: GY3870000
PARPANIT HYDROCHLORIDE see: GY3870000
PARPHEZEIN see: SO4900000
PARPHEZIN see: SO4900000
PARPON see: DD2800000

RW5090000 PARROTIA JACQUEMONTIANA Decene, extract excluding roots
DEF:Indian plant belonging to the family HAMAMELIDACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2F07M10 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78
PARROT GREEN see: GL6475000
PARRYCOP see: GL7020000
PARSAL see: CU9060000
PARSALMIDE see: CU9060000
PARSIDH EXTRACT (Indian) see: MG8700000
PARSIDOL see: SO4900000
PARSITAN see: SO4900000

RW5500000 PARSLEY OIL
UPDT:8411 CAS: 8000-68-8
SYN: OIL of PARSLEY * PARSLEY SEED OIL * PETERSILIENSAMEN OEL (German)
IRRITATION DATA AND REFERENCES:
skn-hmn 10 mg/48H MLD FCTXAV 13,897,75
skn-rbt 500 mg/24H MLD FCTXAV 13,897,75
skn-rbt 500 mg/24H SEV FCTOD7 21,871,83
skn-gpg 100% MLD FCTXAV 13,897,75
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3300 mg/kg FCTOD7 21,871,83
3F07J22M11 orl-mus LD50:1520 mg/kg FCTXAV 13,897,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
PARSLEY SEED OIL see: RW5500000
PARSOTIL see: SO4900000
PARTERGIN see: KE5425000

RW5675000 PARTHENIUM HYSTEROPHORUS Linn., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

RW5678000 PARTHENOCISSUS SEMICORDATA Planch. var. ROYLEI (King) Raiz. & Saxena, extract excluding roots
DEF:Indian plant belonging to the family VITACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LD50:500 mg/kg IJEBA6 18,594,80
PARTOCON see: RS7534000
PARTON-M see: TG0175000
PARTREX see: QI9100000

RW5690000 PARTRICIN
UPDT:8406 CAS: 11096-49-4
SYN: ANTIBIOTIC SPA-8-132 * AYFACTIN * SPA-S 132 * USAN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg 85ERAY 2,1055,78
1P23 ipr-mus LD50:500 ug/kg EXPEAM 28,1515,72

RW5692000 PARTRICIN, METHYL ESTER
UPDT:8406
SYN: SPA-S-160
TOXICITY DATA AND REFERENCES:
1P23 ipr-mus LD50:200 mg/kg EXPEAM 28,1515,72
PARTRON M see: TG0175000
PARTUSISTEN see: DO1500000
RUSHA, seed extract (Indian) see: ME2910300
VOLEX see: HA1660000
WATTI EXTRACT (Indian) see: GG5343000
RZATE see: FA6825000
ARZATE see: ZH3325000
ARZATE C see: ZH3325000
PARZATE LIQUID see: FA6825000
PARZATE ZINEB see: ZH3325000
PARZONE see: QD1680000
PAS see: VO1225000
PASA see: VO1225000
PAS AETHYL ESTER (German) see: VO1625000
PASALIN see: UE3865000
PASALON see: VO1225000
PASARA see: VO1225000
PASARA CALCIUM see: VO1470000
PAS sek-BUTYL ESTER (German) see: VO1460000
PAS-C see: VO1225000
PAS beta-CHLORAETHYL ESTER (German) see: VO1475000
PASCO see: ZH4810000
PASCORBIC see: VO1225000
PASEM see: VO1225000
PASEPTOL see: DH2800000
PAS ETHYL ESTER see: VO1625000
PAS ISOPROPYL ESTER see: VO1670000
PASK see: VO1225000
PASMED see: VO1225000
PAS METHYL ESTER see: VO1683000
PAS-Na see: VO1700000
PASNODIA see: VO1225000
PASOLAC see: VO1225000
PASOTOMIN see: SO3150000
PAS beta-OXYAETHYL ESTER (German) see: VO1640000
PASCO see: ZG8600000
PASMICINA see: VO1470000

RW7083400 PASPALUM DILATATUM Poir., extract
DEF:Indian plant belonging to the family GRAMINEAE (IJEBA6 11,43,73)
UPDT:8303

SYN: DARKENE EXTRACT
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:100 mg/kg IJEBA6 11,43,73

RW7095000 PASSIFLORA CALCARATA Mast., extract excluding roots
DEF:Indian plant belonging to the family PASSIFLORACEAE (IJEBA6 12,512,74)
UPDT:8305
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:280 mg/kg IJEBA6 12,512,74
PASSIFLORAE INCARNATAE EXTRACTUM see: RW7123000
PASSIFLORA EXTRACT see: RW7123000

RW7104000 PASSIFLORA FOETIDA Linn., extract excluding roots
DEF:Indian plant belonging to the family PASSIFLORACEAE (IJEBA6 12,512,74)
UPDT:8305
SYN: SIRUPPANAIKOLI EXTRACT
TOXICITY DATA AND REFERENCES:
3H30M10V30 ipr-mus LD50:125 mg/kg IJEBA6 12,512,74
PASSIFLORIN see: UV0280000

RW7123000 PASSIONFLOWER EXTRACT
UPDT:8411 CAS: 8057-62-3
SYN: PASSIFLORAE INCARNATAE EXTRACTUM * PASSIFLORA EXTRACT
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T86 orl-rat TDLo:440 mg/kg (7-17D preg) KSRNAM 15,3431,81
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:3510 mg/kg NIIRDN 6,APP-15,82
* ipr-mus LD50:3140 mg/kg NIIRDN 6,APP-15,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PAT see: GE7555000
PATAP see: FD1225000
PATCHOULI OIL see: RW7126400

RW7126400 PATCHOULY OIL
UPDT:8401 CAS: 8014-09-3
SYN: PATCHOULI OIL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),791,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
PATCHUK see: GN1775000
PATENT BLUE see: BP6830000
PATENT BLUE AE see: BQ4550000
PATENT BLUE V see: BP6830000
PATENT BLUE VF see: BP6830000
PATENT BLUE VF-CF see: BP6830000
PATENT BLUE VF SPECIAL see: BP6830000
PATENT BLUE VS see: BP6830000
PATENT BLUE 2Y see: BQ4550000
PATENT GREEN see: GL6475000
PATHARCHUR EXTRACT (Indian) see: GH1186000
PATHARI EXTRACT (Indian) see: AA6138000
PATHCLEAR see: DW2275000
PATHOCIDIN see: XZ6157000
PATHOCIDINE see: XZ6157000
PATHOCIL see: XH8925000
PATMARO STEM BARK EXTRACT (Indian) see: GQ9120000
PATORAN see: YS3325000

RW7750000 PATRICIN, METHYL ESTER
UPDT:8402 CAS: 11121-32-7
SYN: MEPARTRICIN * METHYLPARTRICIN * SN654 * SPA-S-160 * TRICANDIL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:11100 ug/kg JPMSAE 65,905,76
* ivn-mus LD50:4300 ug/kg JPMSAF 65,905,76

RW7780000 PATRISIA ACUMINATA, root extract
UPDT:8403
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:200 mg/kg APBDAJ 268,592,30
PATROVINA see: AH2625000
PATROVINE see: AH2624000
PATTINA V 82 see: KV0350000
PATTONEX see: YS3325000
PATULIN see: LV2625000
PATULINE see: LV2625000
PAUCIMYCIN see: WK2315000
PAUSITAL see: EX1050000
PAVABID see: NW8575000
PAVATRIN see: LL6170000
PAVATRINEAT see: LL6170000
PAVATRINE HYDROCHLORIDE see: LL6220000
PAVISOID see: BV8060000
PAVULON see: TN4930000
PAXAREL see: YR6475000
PAXATE see: DF1575000
PAXEL see: DF1575000
PAXIL see: AH2625000
PAXILLINE see: DJ2830000
PAXILON see: RO0835000
PAXIN see: TZ0175000
PAXISTIL see: KK2275000
PAXISYN see: DF2450000
PAXITAL see: SP2625000

RW8770000 PAXITOL
UPDT:8412
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 unk-mus TDLo:40 mg/kg (1D pre) FESTAS 12,346,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PAXYL see: XO1050000
PAYCITE see: KF2000000
PAYMARAM EXTRACT (Indian) see: CB9150000
PAY-OFF see: BX5470000
PAY-OFF see: CY1578620
PAYZE see: UG1490000
PAYZONE see: MF4620000
PAZITAL see: DE9070000
PB see: XS8050000
P-16-B see: UU5083200
P 2010B see: TQ3325000
PBA, DIMETHYLAMINE SALT see: TQ1400000
P. BADIUS VENOM see: YX4179000
3P BAMATE see: TZ0175000

RW9095000 PBAN-560, degassed
UPDT:8401 CAS: 25265-19-4
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:750 mg/kg NTIS** AD441-640
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
P. BARBATUS VENOM see: YX4179200
PBB see: LK5060000
PBB see: LK5065000 FIREMASTER FF-1
PB 89 CHLORIDE see: DM0450000
PBDZ see: DD6495000
P 30BF see: BD0940000
PB-89 HYDROCHLORIDE see: DM0450000 o-BENZOTOLUIDIDE, 3'-CHLORO-alpha-(METHYL((MORPHOLINOCARBONYL)METHYL)AMINO)-, HYDROCHLORIDE
PBNA see: QM4550000
PBS see: CQ7000000
P-BSA see: TU5083000
PBX(AF) 108 see: XY9450000
PBZ see: US2800000
PBZ see: UQ8225000
PC see: YU0650000
PC 1 see: DN8780000
1PC see: FB7875000
P-16-C see: BQ8110000
PC 603 see: AG0525000
PC-1421 see: OB4200000
PCA see: UR6125000
PCA see: YV9425000
PCB see: TQ1350000
PCB see: XS4550000
PenCB see: DV8200000
PCB (DOT) see: TQ1350000
PCBs see: TQ1350000
PCBS see: DB5600000
PCC see: XW5250000
PCC see: GU7735000
P.C. 80 CRABGRASS KILLER see: GS6825000
PCEO see: KI8760000
PCHO see: YK0525000
P. CHRYSOTHORAX VENOM see: YX4179960
PCI see: DB5600000
PCL see: GY1225000
P. CLAVATA VENOM see: YX3963200
PCM see: PB0370000
PCMC see: GO7100000
PCMH see: UY0685000
PCNB see: DA6650000
PCNU see: YS4915000
P. COLLETTI (AUSTRALIA) VENOM see: YX3961200
P. COMANCHE VENOM see: YX4179300
PCON see: BX1575000
PCONA see: BX1575000
PCP see: SM6300000
PCP see: TN2272590
PCPA see: AG0175000
PCPA see: AY4390000
DL-PCPA METHYL ESTER HYDROCHLORIDE see: AY4452100
PCP (ANESTHETIC) see: TN2272590
PCPB see: DB5600000
PCPBS see: DB5600000
PCPCBS see: DB5250000
PCP HYDROCHLORIDE see: TN2272600
PCPI see: NQ8575000
PCT see: WZ6500000
PCTP see: DC1925000
P-D see: CZ2200000
PD 5 see: GQ5250000
PD 93 see: UV1153900
P.D.A.B. see: BX7350000
p-PDA HCl see: ST0350000
PDB see: CZ4550000
PDC see: UC8300000
PDCB see: CZ4550000
PDD see: GZ0653000
PDD 6040I see: YS6200000
PDE see: TM8596000
PDH see: AU7352000
p-PD HCl see: ST0350000
P-DHP see: TU5011700
PDI see: TM8742000
PDMT see: XY2100000
m-PDN see: CZ1900000
o-PDN see: TI8575000
p-PDN see: CZ1925000
PDP see: TN2855000
PDP see: US7875000
PDQ see: ES8575000
PDT see: XY2100000
PDTA-Sb see: AI4728000
PDU see: YT1450000
PE see: RZ2490000
PE 512 see: TQ3325000
PE 617 see: TQ3325000
PEA see: SG7175000
beta-PEA see: SG7175000
PEAC see: GA4870000
PEACE PILL see: TN2272600
PEACH ALDEHYDE see: YQ2485000
PEACHES see: SI1750000
PEACH LACTONE see: YQ2485000
PEACH-THIN see: TH7350000
PEACOCK BLUE X-1756 see: BQ4550000

RX2830000 PEANUT OIL
UPDT:8408 CAS: 8002-03-7
SYN: ARACHIS OIL * EARTHNUT OIL * GROUNDNUT OIL * INDIGENOUS PEANUT OIL * KATCHUNG OIL * PECAN SHELL POWDER
IRRITATION DATA AND REFERENCES:
skn-hmn 300 mg/3D-I MLD 85DKA8 -,127,77
MUTATION DATA AND REFERENCES:
mma-sat 10 uL/plate FCTXAV 18,467,80
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-mus TDLo:952 gm/kg/1Y-I IJMRAQ 61,422,73

2V03R60 skn-mus TDLo:1757 gm/kg/88W-I IJMRAQ 61,422,73
2V03V10 scu-mus TDLo:160 gm/kg/17W-I IJCNAW 10,652,72
2V03R60 scu-mus TD :360 gm/kg/39W-I IJCNAW 10,652,72
2V03V10 scu-mus TD :329 gm/kg/39W-I IJMRAQ 61,422,73
2V03K60 orl-mus TD :1040 gm/kg/1Y-I IJCNAW 10,652,72
2V03R60 skn-mus TD :2276 gm/kg/81W-C IJCNAW 10,652,72

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:119 mg/kg PCBPBS 2,308,72

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PEARL ASH see: FO0350000
PEARL ASH see: TS7750000
PEARLPUSS see: FI0700000
PEARL STEARIC see: WI2800000
PEARLY GATES see: KE4100000
PEAR OIL see: NS9800000
PEARSALL see: BD0525000
PEB1 see: KJ3325000
PEBC see: EZ0400000
PEBULATE see: EZ0400000
PECAN SHELL POWDER see: RX2830000
PECATAL see: SP2625000
PECAZINE see: SP2625000
PECILOCERIN A see: EW8750000
PECTA-DIAZINE, suspension see: WP1925000
PECTALGINE see: AZ5820000
PECTOLIN see: QD1575000
PED see: JR5970000
PEDALITIN see: LK9275430
PEDALITIN TETRAACETATE see: LK9275470

RX4500000 PEDALIUM MUREX Linn., extract
DEF:Indian plant belonging to the family PEDALIACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: PERUNERUNGI EXTRACT

TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:280 mg/kg IJEBA6 12,512,74

PEDERIN see: UP9120000
PEDERINE see: UP9120000
PEDG see: DU2100000
PEDIAFLOR see: WB0350000

RX4730000 PEDICULARIS PECTINATA Wall., extract
DEF:Indian plant belonging to the family SCROPHULARIACEAE (IJEBA6 16,228,78)
UPDT:8412

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

RX4731000 PEDICULARIS PECTINATA Wall., extract excluding roots
DEF:Indian plant belonging to the family SCROPHULARIACEAE (IJEBA6 16,228,78)
UPDT:8412

TOXICITY DATA AND REFERENCES:
1M10 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

RX4732000 PEDICULARIS RHINANTHOIDES Schrenk. ssp. LABELLATA (Jacq.) Prain,
DEF:Indian plant belonging to the family SCROPHULARIACEAE (IJEBA6 18,594,80)
UPDT:8412

TOXICITY DATA AND REFERENCES:
3M10N22V30 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

PEDIDENT see: WB0350000

RX4780000 PEDILANTHUS TITHYMALOIDES Poit., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 11,43,73)
UPDT:8305
SYN: NAGDAUN EXTRACT

TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

PEDINEX (French) see: SK6650000
PEDIPEN see: XH9275000
PEDRACZAK see: GV4900000
PEDRIC see: AE4200000
PEERACHROME YELLOW R see: VO5310000
PEERACID ORANGE II see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
PEERAMINE BLACK E see: QJ6160000
PEERAMINE BLACK GXOO see: QJ6160000
PEERAMINE CONGO RED see: QK1400000
PEERAMINE FAST BROWN BRL see: GL7375000
PEERAMINE STILBENE YELLOW GA see: GD0197800
PEERLESS see: GF1670500

RX5100000 PEFFLAN
UPDT:8401
SYN: PEFFLAN SYRUP

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T52T77 orl-wmn TDLo:8910 mg/kg (1-39W preg) LANCAO 1,1241,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PEFFLAN SYRUP see: RX5100000
P.E.G. 400 see: TQ3675000
P.E.G. 1000 see: TQ4025000
PEGANONE see: MU2450000
PEG 1540 DISTEARATE see: TQ4375000
PEG 200MO see: MD0880000
PEG 600MO see: MD0880000
PEG 1000MO see: MD0880000
PEG 600 MONOLAURATE see: MD0876000
PEG 1000 MONOOLEATE see: MD0885000
PEG-9 NONYL PHENYL ETHER see: MD0905000
PEGOANONE see: MU2450000
PEG-9 OCTYL PHENYL ETHER see: MD09077000
PEG-6 OLEATE see: MD0880000
PEG-20 OLEATE see: MD0880000
PEG-32 OLEATE see: MD0880000
PEG-20 OLEYL ETHER see: RK2975000
PEGOSPERSE 400MO see: MD0880000
PEGOTERATE see: TR2725000
PEHANORM see: TY2900000
PEI 75 see: TE1750000
PELADOW see: EV9800000
PELAGOL BA see: ST2705000
PELAGOL CD see: ST0350000
PELAGOL D see: SS8050000
PELAGOL DA see: BZ8580500
PELAGOL DR see: SS8050000
PELAGOL EG see: SJ4900000
PELAGOL 3GA see: SJ4950000
PELAGOL GREY see: ST2705000
PELAGOL GREY C see: UX1050000
PELAGOL GREY CD see: ST0350000
PELAGOL GREY D see: SS8050000
PELAGOL GREY GG see: SJ4950000
PELAGOL GREY J see: XS9625000
PELAGOL GREY L see: BZ8580500
PELAGOL GREY P BASE see: SJ5075000
PELAGOL GREY RS see: VG9625000
PELAGOL GREY SLA see: ST2705000
PELAGOL J see: XS9625000
PELAGOL L see: BZ8580500
PELAGOL P BASE see: SJ5075000
PELAGOL RS see: VG9625000
PELAGOL SLA see: ST2705000
PELAMARUDU STEM BARK EXTRACT (Indian) see: WZ6265400
PELARGIC ACID see: RA6650000
PELARGIDENOLON see: LK9275200
PELARGIDENOLON 1497 see: LK9275200
PELARGIDENON 1449 see: LK9276000
PELARGOL see: RH0900000
PELARGON (Russian) see: RA6650000
PELARGONIC ACID see: RA6650000
PELARGONIC ACID, ESTER with ALLYL LACTATE see: RA6825000
PELARGONIC ALCOHOL see: RB1575000
PELARGONIUM OIL see: LY4055000
PELARGONOYL PEROXIDE see: RA8435000
PELARGONYL PEROXIDE see: RA8435000
PELARGONYL PEROXIDE (DOT) see: RA8435000
PELASPAN 333 see: WL6475000
PELASPAN ESP 109s see: WL6475000
PELAZID see: NS1750000
PELENTAN see: AF5775000
PELIDORM see: YS2975000
PELIKAN C 11/1431a see: FF5250100
PELLAGRAMIN see: QT0525000
PELLAGRA PREVENTIVE FACTOR see: QT0525000
PELLAGRIN see: QT0525000
PELLCAFS see: SI1400000
PELLCAP see: SI1400000
PELLCAPS see: SI1400000
PELLIDOL see: AB4230000
PELLIDOLE see: AB4230000
PELLON 2505 see: UD1842000
PELLON 2506 see: UD1842000
PELLON FT 2140 see: UD1842000
PELLUGEL see: FI0700000
PELLUGEL ID see: FI0700000
PELMIN see: QS3675000
PELMINE see: QS3675000
PELONIN see: QT0525000
PELONIN AMIDE see: QS3675000
PELSON see: DF2450000
PELT see: BA3650000
PELT 14 see: BA3675000
PELT-44 see: BA3675000
PELTAR see: OP0480000
PELTOL BR see: ST3150000
PELTOL BR II see: ST3150000
PELTOL D see: SS8050000

RY0750000 PELTOPHORUM PTEROCARPUM Backer, extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 9,91,71)
UPDT:8302

TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:500 mg/kg IJEBA6 9,91,71

PELT SOL see: BA3650000
PELUCES see: EU1575000
PELVIRAN see: UR8750000
PEMAL see: WN2800000
PEMALIN see: WN2800000
PEMETESAN see: XF8225000
PEMOLINA (Italian) see: RQ2975000
PEMOLINE see: RQ2975000

RY1105000 PEMOLINE MAGNESIUM
UPDT:8402 CAS: 18968-99-5 MW: 234.52 MOLFM: C9-H10-Mg-N2-O4
SYN: ABBOTT 30400 * BIS(AQUO)-N,N'-(2-IMINO-5-PHENYL-4-OXAZOLIDINONE)MAGNESIUM (II) * CYLERT * ECYLERT * (2-IMINO-5-PHENYL-4-OXAZOLIDINONATO(2-))DIAQUOMAGNESIUM * 2-IMINO-5-PHENYL-4-OXAZOLIDINONE MAGNESIUM CHELATE * MAGNESIUM PEMOLINE * PEMOLINE MAGNESIUM CHELATE * PEMOLIN and MAGNESIUM HYDROXIDE * PMH * TAMILAN

TOXICITY DATA AND REFERENCES:
orl-mus LD50:500 mg/kg AIPTAK 181,441,69
ipr-mus LD50:487 mg/kg AIPTAK 181,441,69
orl-mky LD50:400 mg/kg AIPTAK 181,441,69

PEMOLINE MAGNESIUM CHELATE see: RY1105000
PEMOLINE MAGNESIUM CHELATE MONOHYDRATE see: RY1200000
PEMOLIN and MAGNESIUM HYDROXIDE see: RY1105000

RY1200000 PEMOLINE MAGNESIUM, MONOHYDRATE
UPDT:8412 MW: 252.54 MOLFM: C9-H10-Mg-N2-O4 .H2-O
SYN: ECYLERT MONOHYDRATE * 2-IMINO-5-PHENYL-4-OXAZOLIDINONE MAGNESIUM CHELATE MONOHYDRATE * MAGNESIUM PEMOLINE MONOHYDRATE * PEMOLINE MAGNESIUM CHELATE MONOHYDRATE * TAMILAN MONOHYDRATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:550 mg/kg 85ESA3 9,917,76

PEMPIDINA TARTRATO (Italian) see: TN2240000
PEMPIDINE TARTRATE see: TN2240000
PEN 100 see: TQ3325000
PEN A see: XH8425000
PEN-A-BRASIVE see: XH9800000
PENADUR see: XH9425000
PENADUR L-A see: XH9425000
PENAGEN see: XH9275000
PENALEV see: XH9700000
D-PENAMINE see: YV9425000
PEN A/N see: XH8400000
PENAQUACAINE G see: XH9450000
PENAR see: JR6610000
PENATIN see: LV2625000
PENBAR see: CQ6125000

PENBRISTOL see: XH8350000
PENBRITIN see: XH8350000
PENBRITIN PAEDIATRIC see: XH8350000
PENBRITIN-S see: XH8400000
PENBRITIN SYRUP see: XH8350000
PENBROCK see: XH8350000
PENCAL see: CG0830000
PENCARD see: RZ2620000
PENCHLOROL see: SM6300000
PENCIL GREEN SF see: BQ4900000
PENCILLIC ACID see: MM2625000
PENCILLIN G see: XH9400000
PENCILLIN SODIUM see: RY7250000
PENCOGEL see: FI0700000
PENCOMPREN see: XH9275000
PENDEPON see: XH9425000
PENDEROL see: TY5250000
PEN-DI-BEN see: XH9425000
PENDIMETHALIN see: BX5470000
PENDIOMID see: BR8050000
PENDIOMIDE see: BR8050000
PENDIOMIDE BROMIDE see: BR8050000
PENDIOMIDE DIBROMIDE see: BR8050000
PENDITAN see: XH9425000
PENDURAN see: XH9425000
PENETECK see: PY8030000
PENETIAZOL see: XF8225000
PENETRASOL see: XF8225000
PENETRATSOL see: XF8225000
PEN-FIFTY see: XH9450000
PENFLURIDOL see: TN6957000
PENFORD 260 see: WI0410000
PENFORD 280 see: WI0410000
PENFORD 290 see: WI0410000
PENFORD GUM 380 see: GM5090000
PENFORD P 208 see: WI0410000
PENGITOXIN see: LZ1225000
PENGLOBE see: XH8490000
PENIALMEN see: XH8400000
PENICIDIN see: LV2625000
PENICILLAMIN see: YV9425000
(S)-PENICILLAMIN see: YV9425000
PENICILLAMINE see: YV9425000
D-PENICILLAMINE see: YV9425000
PENICILLAMINE HYDROCHLORIDE see: YV9450000
D-PENICILLAMINE HYDROCHLORIDE see: YV9450000
PENICILLIC ACID see: MM2625000
PENICILLIC ACID SODIUM SALT see: MM2630000

RY4375000 PENICILLIN
UPDT:8401 CAS: 1406-05-9
SYN: PENIZILLIN (German)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T27 orl-wmn TDLo:72 mg/kg (13-15W preg) BSFDA3 57,534,50
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:3200 mg/kg JPETAB 77,70,43
ivn-mus LDLo:1000 mg/kg JPETAB 77,70,43
* ipr-gpg LD50:30 mg/kg 85ERAY 3,1663,78
* scu-gpg LD50:30 mg/kg 85ERAY 3,1663,78
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLANA4 10(pt.1),283,73; AVCPAY 8,6,74; MMWOAU 115(39),1661,73; ADVPA3 4,263,66; EVHPAZ 15,121,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PENICILLIN, (AMINOPHENYLMETHYL)- see: XH8350000
PENICILLINATE de 2,5-DIPHENYL PIPERAZINE (French) see: XH9802000
PENICILLIN, (2-BIPHENYLYL)- see: XH8575000
PENICILLIN CALCIUM see: RY5250000

RY5250000 PENICILLIN, CALCIUM SALT
UPDT:8403 CAS: 1406-07-1
SYN: CALCIUM PENCILLIN * PENICILLIN CALCIUM
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:151 mg/kg JLCMAK 29,809,44

PENICILLIN G see: XH9400000
PENICILLIN G AMMONIUM see: XH9410000
PENICILLIN G, BENZATHINE see: XH9425000
PENICILLIN G, compd. with N,N'-DIBENZYLETHYLENEDIAMINE (2:1) see: XH9425000
PENICILLIN G compd. with 2-(DIETHYLAMINO)ETHYL p-AMINOBENZOATE see: XH9450000
PENICILLIN-G, MONOSODIUM SALT see: XH9800000
PENICILLIN G POTASSIUM see: XH9700000
PENICILLIN G POTASSIUM SALT see: XH9700000
PENICILLIN G PROCAINE see: XH9450000
PENICILLIN G SALT of N,N'-DIBENZYLETHYLENEDIAMINE see: XH9425000
PENICILLIN G, SODIUM see: XH9800000
PENICILLIN G, SODIUM SALT see: XH9800000
PENICILLIN HX see: XI0185000
PENICILLINIC ACID, BENZYL- see: XH9400000
PENICILLIN, (5-METHYL-3-PHENYL-4-ISOXAZOLYL)- see: XH9000000
PENICILLIN P-12 see: XH9000000
PENICILLIN P-12 see: XH9100000
PENICILLIN POTASSIUM PHENOXYMETHYL see: XH9275000
PENICILLIN SODIUM see: RY7250000
PENICILLIN 356 SODIUM see: XH8921000

RY7250000 PENICILLIN, SODIUM SALT
UPDT:8403 CAS: 1406-09-3
SYN: PENCILLIN SODIUM * PENICILLIN SODIUM * SODIUM PENICILLIN
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:168 mg/kg JLCMAK 29,809,44

PENICILLIN V POTASSIUM see: XH9275000
PENICILLIN V POTASSIUM SALT see: XH9275000
PENICILLIUM ROQUEFORTI TOXIN see: XW5868500
PENICILLIUM VIRIDICATUM TOXIN see: XW5868700
PENICIN see: XH8225000
PENICLINE see: XH8350000
PENIDURAL see: XH9425000
PENIDURE see: XH9425000
PENILARYN see: XH9800000
PENILENTE see: XH9425000
PENIN see: XH8225000
PENIRAZINE see: XH9802000
PENISEM see: XH9700000
PENITE see: CG3675000
PENITRACIN see: CP0175000

RY7535000 PENITREM A
UPDT:8412 CAS: 12627-35-9 MW: 634.27 MOLFM: C37-H44-Cl-N-O6
SYN: TREMORTIN A
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 ipr-mus TDLo:3 mg/kg (9D preg) TOXIA6 16,92,78
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:10 mg/kg 41KEAL -,108,78
* ipr-mus LDLo:1100 ug/kg CTOXAO 17,45,80
ipr-dog LDLo:500 ug/kg TXAPA9 35,311,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RY7537000 PENITREM B
UPDT:8303 CAS: 11076-67-8 MW: 583.83 MOLFM: C37-H45-N-O5
SYN: TREMORTIN B
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:5800 ug/kg 41KEAL -,108,78

PENIZILLIN (German) see: RY4375000
PENLATOR see: XH9450000
PENNAC CBS see: DL6250000
PENNAC MBT POWDER see: DL6475000
PENNAC MS see: WQ1750000
PENNAC TBBS see: DL6200000
PENNAC CRA see: NI9625000
PENNAC ZT see: DL7000000
PENNAMINE see: AG6825000
PENNAMINE D see: AG6825000
PENNCAP-M see: TG0175000
PENNFLOAT M see: JR3155000
PENNFLOAT S see: JR3155000

RY7777000 PENNISETUM PURPUREUM Schumach, extract excluding roots
DEF:Indian plant belonging to the family GRAMINEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

PENNSALT TD-72 see: FB3850000
PENN SALT TD-183 see: XN0350000
PENNSALT TD 5032 see: WH8280000
PENNWALT C-4852 see: TG0350000
PENNWHITE see: WB0350000

RY7840000 PENNYROYAL OIL EURAFRICAN
DEF:Chief constituent is d-PULEGONE, found in plant MENTHA PULEGIUM L. (FCTXAV 12,807,74)
UPDT:8305
IRRITATION DATA AND REFERENCES:
skn-mus 100% MOD FCTXAV 12,949,74
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:400 mg/kg FCTXAV 12,949,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PENNZONE E see: YS9800000
PENOTRANE see: OW6300000
PENOXALIN see: BX5470000
PENOXALINE see: BX5470000
PENOXYN see: BX5470000
PENPHENE see: XW5250000
PENPHENE see: XN0350000
PENRECO see: PY8030000
PEN-SINT see: XH8925000
PENSIVE see: TZ0175000
PENSPEK see: XH9320000
PENSTAPHO see: XH9100000
PENSTAPHOCID see: XH9100000
PENSYN see: XH8425000
PENTA see: SM6300000
3,3',4',5,7-PENTAACETOXYFLAVONE see: LK8985000
PENTAACETYLGITOXIN see: LZ1225000
PENTA-O-ACETYLGITOXIN see: LZ1225000
PENTAACETYLQUERCETIN see: LK8985000
PENTAAMMINECHLOROPLATINUM(2+) TRICHLORIDE see: TP2506000

RY8450000 1,4,5,6,8-PENTAAZAACENAPHTHYLEN-3-AMINE, 1,5-DIHYDRO-5-METHYL-1-(5-O-PHOSPHONO-beta-D- RIBOFURANOSYL)-
UPDT:8311 CAS: 61966-08-3 MW: 400.33 MOLFM: C13-H17-N6-O7-P
SYN: NSC-280594 * PENTAAZAACENAPHTHYLENE-5' PHOSPHATE ESTER * TRICIRIBINE PHOSPHATE
TOXICITY DATA AND REFERENCES:
3F19K12R21 ivn-mus LD50:225 mg/kg PAACA3 24,296,83

RY8453000 1,4,5,6,8-PENTAAZAACENAPHTHYLEN-3-AMINE, 1,5-DIHYDRO-5-METHYL-1-(5-O-PHOSPHONO-beta-D- RIBOFURANOSYL)-, MONOHYDRATE
UPDT:8412 MW: 418.35 MOLFM: C13-H17-N6-O7-P .H2-O
SYN: NSC-280594 HYDRATE * PENTAAZAACENAPHTHYLENE-5' PHOSPHATE ESTER MONOHYDRATE * TRICIRIBINE PHOSPHATE HYDRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 ivn-mus TDLo:234 mg/kg (1D male) NTIS** PB82-148404
TOXICITY DATA AND REFERENCES:
3F07F19J25 ivn-mus LD50:257 mg/kg NTIS** PB82-148404
2K12K13 ivn-dog LDLo:33800 ug/kg NTIS** PB82-148404
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PENTAAZAACENAPHTHYLENE-5' PHOSPHATE ESTER see: RY8450000
PENTAAZAACENAPHTHYLENE-5' PHOSPHATE ESTER MONOHYDRATE see: RY8453000
1,4,7,10,13-PENTAAZATRIDECANE see: KH8585000
PENTABARBITAL SODIUM see: CQ6125000
PENTABARBITONE see: CQ5775000
PENTABORANE see: RY8925000

RY8925000 PENTABORANE(9)
UPDT:8405 CAS: 19624-22-7 MW: 63.14 MOLFM: B5-H9
SYN: PENTABORANE * PENTABORANE (DOT) * UN 1380 (DOT)
TOXICITY DATA AND REFERENCES:
* ihl-rat LC50:7 ppm/4H AMIHAB 17,362,58
* ipr-rat LD50:11100 ug/kg 14KTAK -,693,64
ihl-mus LC50:37 mg/m3/2H MLSR** No.8,51
REVIEW AND REFERENCES:
★ TLV-TWA 5 ppb; STEL 15 ppb DTLVS* 4,321,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug/m3 (SCP-Q) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PENTABORANE (DOT) see: RY8925000
PENTABROMOPHENYL ETHER see: KN3525000
PENTABROMOPHOSPHORANE see: TH3980000
PENTABROMOPHOSPHORUS see: TH3980000
PENTABROMOPSEUDILIN see: SK8150000
PENTAC see: DT8225000
PENTACARBONYLIRON see: NO4900000
PENTACARD see: XF8225000
PENT-ACETATE see: AJ1925000
PENT-ACETATE 28 see: AJ1925000
PENTACHLOORETHAAN (Dutch) see: KI6300000
PENTACHLOORFENOL (Dutch) see: SM6300000
PENTACHLORAETHAN (German) see: KI6300000
PENTACHLORETHANE (French) see: KI6300000
PENTACHLORIN see: KJ3325000
PENTACHLORNITROBENZOL (German) see: DA6650000
PENTACHLOROACETONE see: UC3300000 2-PROPANONE, 1,1,1,3,3-PENTACHLORO-
PENTACHLOROANISOLE see: BZ8820000
2,3,4,5,6-PENTACHLOROANISOLE see: BZ8820000
PENTACHLOROANTIMONY see: CC5075000
PENTACHLOROBENZENE see: DA6640000
PENTACHLORO-BENZENETHIOL see: DC1925000
2,3,3',4,4'-PENTACHLOROBIPHENYL see: DV8200000
2,3,4,3',4'-PENTACHLOROBIPHENYL see: DV8200000
3,4,2',3',4'-PENTACHLOROBIPHENYL see: DV8200000
PENTACHLOROCYCLOPENTADIENE see: GY1520000
1,2,3,4,5-PENTACHLOROCYCLOPENTADIENE see: GY1520000
1,2,3,4,7-PENTACHLORODIBENZODIOXIN see: HP3370000
1,2,3,4 7-PENTACHLORODIBENZO-para-DIOXIN see: HP3370000
1,2,3,7,8-PENTACHLORODIBENZO-p-DIOXIN see: HP3395000
1,2,4,7,8-PENTACHLORODIBENZO-p-DIOXIN see: HP3420000
PENTACHLORO DIPHENYL OXIDE see: KO3150000
PENTACHLORODISTANNATE(1-) SODIUM SALT see: WH8905000
PENTACHLOROETHANE see: KI6300000
PENTACHLOROETHANE (DOT) see: KI6300000
PENTACHLOROFENOL see: SM6300000
PENTACHLOROMETHOXYBENZENE see: BZ8820000
PENTACHLORONAPHTHALENE see: QK0300000
PENTACHLORONITROBENZENE see: DA6650000
PENTACHLOROPHENATE see: SM6300000
PENTACHLOROPHENATE SODIUM see: SM6490000
PENTACHLOROPHENOL see: SM6300000
2,3,4,5,6-PENTACHLOROPHENOL see: SM6300000
PENTACHLOROPHENOL (DOT) see: SM6300000
PENTACHLOROPHENOL, DOWICIDE EC-7 see: SM6300000
PENTACHLOROPHENOL, DP-2 see: SM6300000
PENTACHLOROPHENOL, SODIUM SALT see: SM6490000
PENTACHLOROPHENOL, TECHNICAL see: SM6300000
PENTACHLOROPHENOXY SODIUM see: SM6490000
PENTACHLOROPHENYL CHLORIDE see: DA2975000
PENTACHLOROPHENYL METHYL ETHER see: BZ8820000
1,1,1,3,3-PENTACHLOROPROPANONE see: UC3300000 2-PROPANONE, 1,1,1,3,3-PENTACHLORO-
1,1,2,3,3-PENTACHLOROPROPENE see: UD1780000
1,1,2,3,3-PENTACHLOROPROPYLENE see: UD1780000
PENTACHLOROTHIOPHENOL see: DC1925000
PENTACHLORPHENOL (German) see: SM6300000
PENTACHLORTHIOFENOL (Czech) see: DC1925000
PENTACHLORURE D'ANTIMOINE (French) see: CC5075000
PENTACLOROETANO (Italian) see: KI6300000
PENTACLOROFENOLO (Italian) see: SM6300000
PENTACON see: SM6300000
PENTACOR see: XF8225000
PENTAC WP see: DT8225000
PENTADECAFLUOROOCTANOIC ACID see: RH0781000
PENTADECAFLUORO-n-OCTANOIC ACID see: RH0781000
1-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-PENTADECAFLUOROOCTYL)PYRIDINIUM TRIFLUOROMETHANESULFONATE see: UU6855600
1-PENTADECANAMINE see: RZ2120000
PENTADECANAMINE HYDROCHLORIDE see: RZ2134000
1-PENTADECANECARBOXYLIC ACID see: RT4550000

RZ1880000 PENTADECANE, 2,6,10,14-TETRAMETHYL-
UPDT:8401 CAS: 1921-70-6 MW: 268.59 MOLFM: C19-H40
SYN: PRISTANE * 2,6,10,14-TETRAMETHYLPENTADECANE
TUMORIGENIC DATA AND REFERENCES:
2V03P60 ipr-mus TDLo:47 mg/kg CNREA8 40,579,80
2V02P60 ipr-mus TD :60 mg/kg/26W-I NATUAS 222,994,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RZ2120000 PENTADECYLAMINE
UPDT:8408 CAS: 2570-26-5 MW: 227.49 MOLFM: C15-H33-N
SYN: 1-PENTADECANAMINE * n-PENTADECYLAMINE * 1-PENTADECYLAMINE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:660 mg/kg TPKVAL 10,124,68
ihl-rat LC50:900 mg/m3/4H TPKVAL 10,124,68
orl-mus LD50:520 mg/kg TPKVAL 10,124,68
ihl-mus LC50:240 mg/m3/2H TPKVAL 10,124,68
* ihl-mam LC50:200 mg/m3 TPKVAL 14,80,75
* unk-mam LD50:1120 mg/kg TPKVAL 14,80,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
n-PENTADECYLAMINE see: RZ2120000
1-PENTADECYLAMINE see: RZ2120000

RZ2133000 PENTADECYLAMINE, N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8303 MW: 281.91 MOLFM: C17-H27-N .Cl-H
SYN: DIMETHYLPENTADECYLAMINE CHLORHYDRATE (French) * N,N-DIMETHYLPENTADECYLAMINE HYDROCHLORIDE * N,N-DIMETHYL-1-PENTADECYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1260 mg/kg CHTPBA 1(1),11,65

RZ2134000 PENTADECYLAMINE, HYDROCHLORIDE
UPDT:8303 CAS: 1838-05-7 MW: 263.95 MOLFM: C15-H33-N .Cl-H
SYN: PENTADECANAMINE HYDROCHLORIDE * 1-PENTADECYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1450 mg/kg CHTPBA 1(1),11,65
1-PENTADECYLAMINE HYDROCHLORIDE see: RZ2134000

RZ2464000 1,3-PENTADIENE
UPDT:8408 CAS: 504-60-9 MW: 68.13 MOLFM: C5-H8
SYN: 1-METHYLBUTADIENE * PIPERYLENE * RCRA WASTE NUMBER U186
TOXICITY DATA AND REFERENCES:
* ihl-rat LC50:140 gm/m3/2H 85GMAT -,101,82
* ihl-mus LC50:1100 mg/m3/2H 85GMAT -,101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
1,3-PENTADIENE-1-CARBOXALDEHYDE see: WG1925000
1,3-PENTADIENE-1-CARBOXYLIC ACID see: WG2100000
1:4-PENTADIENE DIOXIDE see: SA0370000

RZ2473000 PENTADIENE, METHYL-
UPDT:8308 CAS: 54363-49-4 MW: 82.16 MOLFM: C6-H10
SYN: METHYLPENTADIENE (DOT) * UN 2461 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

RZ2474300 2,4-PENTADIENOIC ACID, 2,5-DIPHENYL-
UPDT:8305 MW: 250.31 MOLFM: C17-H14-O2
SYN: ACIDE CINNAMYLIDENE PHENYLACETIQUE (French) * 2,5-DIPHENYL-2,4-PENTADIENOIC ACID * SUBSTANCE H 30
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:437 mg/kg AIPTAK 119,443,59

RZ2475000 2,4-PENTADIENOIC ACID, 5-HYDROXY-5-(3,4-(METHYLENEDIOXY)PHENYL)-, delta-LACTONE
UPDT:8407 CAS: 91-89-4 MW: 216.20 MOLFM: C12-H8-O4
SYN: 6-(3,4-(METHYLENEDIOXY)PHENYL)-2H-PYRAN-2-ONE * PARACOTOIN * 2H-PYRAN-2-ONE, 6-(3,4-(METHYLENEDIOXY)PHENYL)-
TOXICITY DATA AND REFERENCES:
iut-frg LDLo:420 mg/kg BIZEA2 74,340,16

RZ2476700 1,4-PENTADIEN-3-ONE, 1,5-DI-2-FURYL-, POLYMERS
UPDT:8406 CAS: 26375-43-9 MOLFM: (C13-H10-O3)n
SYN: DIFURFURYLIDENEACETONE POLYMER * 1,4-PENTADIEN-3-ONE, 1,5-DI-2-FURANYL-, HOMOPOLYMER (9CI) * POLY(DIFURFURYLIDENEACETONE)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2725 mg/kg GISAAA 49(9),29,83
PENTADORM see: SC4900000
PENTAERYTHRITE see: RZ2490000
PENTAERYTHRITE TETRANITRATE see: RZ2620000
PENTAERYTHRITE TETRANITRATE, desensitized, wet (DOT) see: RZ2620000
PENTAERYTHRITE TETRANITRATE, dry (DOT) see: RZ2620000
PENTAERYTHRITE TETRANITRATE, with not less than 7% wax (DOT) see: RZ2620000

RZ2490000 PENTAERYTHRITOL
UPDT:8201 CAS: 115-77-5 MW: 136.17 MOLFM: C5-H12-O4
SYN: AUXINUTRIL * 2,2-BIS(HYDROXYMETHYL)-1,3-PROPANEDIOL * HERCULES P6 * MAXINUTRIL * METHANE TETRAMETHYLOL * MONOPENTEK * PE * PENTAERYTHRITE * PENTEK * 1,3-PROPANEDIOL, 2,2-BIS(HYDROXYMETHYL)- * TETRAHYDROXYMETHYLMETANE * TETRAKIS(HYDROXYMETHYL)METHANE * TETRAMETHYLOLMETHANE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:25500 mg/kg TXAPA9 6,351,64
orl-gpg LD50:11300 mg/kg TXAPA9 6,351,64
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg/m3 (dust) DTLVS* 4,324,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
PENTAERYTHRITOL DIBROMIDE see: TY3195500
PENTAERYTHRITOL DIBROMOHYDRIN see: TY3195500

RZ2605000 PENTAERYTHRITOL, TETRABENZOATE
UPDT:8306 CAS: 4196-86-5 MW: 552.61 MOLFM: C33-H28-O8
SYN: BENZOFLEX S-552 * 1,3-PROPANEDIOL, 2,2-BIS((BENZOYLOXY)METHYL)-, DIBENZOATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1 gm/kg NPIRI* 2,83,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0778-0229
PENTAERYTHRITOL TETRANICOTINATE see: QT1980000

RZ2620000 PENTAERYTHRITOL, TETRANITRATE
UPDT:8412 CAS: 78-11-5 MW: 316.17 MOLFM: C5-H8-N4-O12
SYN: ANGICAP * ANGITET * ANTORA * ARCOTRATE * BARITRATE * 2,2-BISDIHYDROXYMETHYL 1,3-PROPANEDIOL TETRANITRATE * 2,2-BIS(HYDROXYMETHYL)-1,3-PROPANEDIOL TETRANITRATE * CHOT * DELTRATE-20 * 1,3-DINITRATO-2,2-BIS(NITRATOMETHYL)PROPANE * DUCTRATE * EL PETN * ERINIT * HASETHROL * INITIATING EXPLOSIVE PENTAERYTHRITE TETRANITRATE (DOT) * KAYTRATE * LOWETRATE * MARTRATE-45 * METRANIL * MYCARDOL * MYOTRATE '10' * NCI-C55743 * NEO-COROVAS * NEOPENTANETETRAYL NITRATE * NIPERYT * NIPERYTH * NITROPENTA * NITROPENTAERYTHRITE * NITROPENTAERYTHRITOL * PENCARD * PENTAERYTHRITE TETRANITRATE * PENTAERYTHRITE TETRANITRATE, desensitized, wet (DOT) * PENTAERYTHRITE TETRANITRATE, with not less than 7% wax (DOT) * PENTAERYTHRITE TETRANITRATE, dry (DOT) * PENTAERYTHRITOL TETRANITRATE, DILUTED * PENTAFIN * PENTANITRINE * PENTESTAN-80 * PENTETRATE UNICELLES * PENTHRIT * PENTHRITE * PENTITRATE * PENTRATE * PENTRIOL * PENTRITOL * PENTRYATE * PENTRYATE 80 * PERGITRAL * PERIDEX-LA * PERITRATE * PERITYL * PET * PETN * PREVANGOR * 1,3-PROPANEDIOL, 2,2-BIS((NITROOXY)METHYL)-, DINITRATE (ester) * QUINTRATE * RYTHRITOL * SDM No. 23 * SDM No. 35 * SUBICARD * TANIPENT * TEN * TENTRATE-20 * TETRANITROPENTAERYTHRITE * TETRASULE * TRANITE D-LAY * UN 0411 (DOT) * VASITOL * VASODIATOL * VASO-80 UNICELIES
TOXICITY DATA AND REFERENCES:
1R03 orl-man TDLo:1669 mg/kg/8Y-C BJDEAZ 87,498,72
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A, densensitized, wet CFRGBR 49,172.101,82
★ DOT-HAZARD:FORBIDDEN, dry CFRGBR 49,172.101,82
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCT[illegible]1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PENTAERYTHRITOL TETRANITRATE, DILUTED see: RZ2620000

RZ2630000 PENTAERYTHRITOL, TETRANITRATE, containing at least 25% water or at least 15% phlegmatizer (DOT)
UPDT:8412 CAS: 78-11-5 MW: 316.17 MOLFM: C5-H8-N4-O12
SYN: UN 0150 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
PENTAERYTHRITOL TRIACRYLATE see: UD3370000
2,2,4,4,6-PENTAETHYLENIMINO-6-MORPHOLINO-CYCLOTRIPHOSPHAZATRIEN see: XX9470000
PENTAFIN see: RZ2620000
PENTAFLUOROANTIMONY see: CC5800000
PENTAFLUOROIODINE see: NN1770000
PENTAFLUOROPHENOL see: SM6680000
(6-(3-(PENTAFLUOROPHENYL)-D-ALANINE))-LHRH see: OK6598000
(6-(3-(PENTAFLUOROPHENYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6598000

BEST COPY AV[illegible]

PENTAFLUORPROPIONAN STRIBRNY (Czech) see: UF64760000
PENTAFORMYL-DIGOXIN see: IH6347600
PENTAFORMYLGITOXIN see: FH4919500
PENTAGEN see: DA6650000
PENTAGIN see: PB8750000
PENTAGIT see: LZ1225000
1,3,5,14,19-PENTAHYDROXYCARD-20(22)-ENOLIDE HYDRATE see: FH5314000
3,3',4',5,7-PENTAHYDROXYFLAVANONE see: LK6920000
3,3',4',5',7-PENTAHYDROXYFLAVANONE see: LK6925000
3,5,7,3',4'-PENTAHYDROXYFLAVON see: LK8750000
2',3,4',5,7-PENTAHYDROXYFLAVONE see: LK8749000
3,3',4',5',7-PENTAHYDROXYFLAVONE see: LK8780000
1,4-PENTADIEN-3-ONE, 1,5-DI-2-FURANYL-, HOMOPOLYMER (9CI) see: RZ2476700
3,5,7,3',4'-PENTAHYDROXYFLAVONE see: LK8750000
3,3',4',5,7-PENTAHYDROXYFLAVONE 3-beta-D-GLUCOFURANOSIDE see: LK8960000
3,3',4',5,7-PENTAHYDROXYFLAVONE PENTAACETATE see: LK8985000
3,3',4',5,7-PENTAHYDROXYFLAVONE-3-RUTINOSIDE see: VM2975000
2',2''',4',6',6'''-PENTAHYDROXY-4'''-METHOXY-3',3'''-METHYLENEBIS(5'-METHYLBUTYROPHENONE) see: EU5200000
PENTAHYDROXY-TIGLIADIENONE-MONOACETATE(c)MONOMYRISTATE(b) see: GZ0630000
PENTA-KIL see: SM6300000
PENTAKIS(N(sup 2)-ACETYL-L-GLUTAMINATO)TETRAHYDROXYTRIALUMINUM see: BD1280000
PENTAL see: CQ6125000
gamma-PENTALACTONE see: LU3580000

RZ4295000 1(2H)-PENTALENONE, 3,4,5,6-TETRAHYDRO-2-((DIMETHYLAMINO)METHYL)-3-METHYL-, HYDROCHLORIDE
UPDT:8402 MW: 229.78 MOLFM: C12-H19-N-O Cl-H
SYN: 2-((DIMETHYLAMINO)METHYL)-3-METHYL-3,4,5,6-TETRAHYDRO-1(2H)-PENTALENONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:407 mg/kg FRPSAX 38,702,83

RZ4296000 1(2H)-PENTALENONE, 3,4,5,6-TETRAHYDRO-3-METHYL-2-(MORPHOLINOMETHYL)-, HYDROCHLORIDE
UPDT:8402 MW: 271.82 MOLFM: C14-H21-N-O2 Cl-H
SYN: 3-METHYL-2-(MORPHOLINOMETHYL)-3,4,5,6-TETRAHYDRO-1(2H)-PENTALENONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1933 mg/kg FRPSAX 38,702,83

RZ4296200 1(2H)-PENTALENONE, 3,4,5,6-TETRAHYDRO-3-METHYL-2-(1-PIPERAZINYLMETHYL)-, HYDROCHLORIDE
UPDT:8402 MW: 270.84 MOLFM: C14-H22-N2-O Cl-H
SYN: 3-METHYL-2-(1-PIPERAZINYLMETHYL)-3,4,5,6-TETRAHYDRO-1(2H)-PENTALENONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:426 mg/kg FRPSAX 38,702,83

RZ4296300 1(2H)-PENTALENONE, 3,4,5,6-TETRAHYDRO-3-METHYL-2-((PROPYLAMINO)METHYL)-, HYDROCHLORIDE
UPDT:8402 MW: 243.81 MOLFM: C13-H21-N-O Cl-H
SYN: 3-METHYL-2-((PROPYLAMINO)METHYL)-3,4,5,6-TETRAHYDRO-1(2H)-PENTALENONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:410 mg/kg FRPSAX 38,702,83

RZ4296400 1(2H)-PENTALENONE, 3,4,5,6-TETRAHYDRO-3-METHYL-2-((1-PYRROLIDINYL)METHYL)-, HYDROCHLORIDE
UPDT:8402 MW: 255.82 MOLFM: C14-H21-N-O Cl-H
SYN: 3-METHYL-2-((1-PYRROLIDINYL)METHYL)-3,4,5,6-TETRAHYDRO-1(2H)-PENTALENONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1701 mg/kg FRPSAX 38,702,83

RZ4300000 PENTALENO(1,3a-c)PYRAN-5-CARBOXYLIC ACID, 1,2,4,4a,6a,7-HEXADYRO-1-(CHLOROMETHYL)-7,8- DIMETHYL-1-HYDROXY-2-OXO-
UPDT:8309 MW: 312.77 MOLFM: C15-H17-Cl-O5
SYN: AA 57
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:75 mg/kg JANTAJ 31,729,78

PENTALIN see: KI6300000
PENTALINIUM TARTRATE see: UY4900000
PENTAMETHAZENE DIBROMIDE see: BR8050000
PENTAMETHAZINE see: BR8050000
PENTAMETHAZOL see: XF8225000
PENTAMETHAZOLUM see: XF8225000
N,N-3',4',5'-PENTAMETHYLAMINOAZOBENZENE see: BX8650000
N,N,N',N',3-PENTAMETHYL-N,N'-DIETHYL-3-AZAPENTYLENE-1,5-DIAMMONIUM DIBROMIDE see: BR8050000
PENTAMETHYLDIETHYLENETRIAMINE see: IE2100000
N,N,N',N',N''-PENTAMETHYLDIETHYLENETRIAMINE see: IE2100000
1,1,3,3,5-PENTAMETHYL-4,6-DINITROINDANE see: NK5045000
PENTAMETHYLENE see: GY2390000
1,1'-PENTAMETHYLENEBIS(3-CARBAMOYLPYRIDINIUM BROMIDE) see: UU6855700
PENTAMETHYLENEBIS(DIMETHYLSULFONIUM IODIDE) see: WR8325000
1,1'-PENTAMETHYLENEBIS(1-METHYLPYRROLIDINIUM HYDROGEN TARTRATE) see: UY4900000
PENTAMETHYLENE-1,5-BIS(1'-METHYLPYRROLIDINIUM TARTRATE) see: UY4900000
1,1'-PENTAMETHYLENEBIS(1-METHYLPYRROLIDINIUM TARTRATE) see: UY4900000
1,1'-PENTAMETHYLENEBIS(PYRIDINIUM BROMIDE) see: UU6855800
1,1'-(PENTAMETHYLENEDIOXY)BIS(3-CHLORO-2-PROPANOL) see: UB8810000
8,8'-PENTAMETHYLENEDIOXYBIS(1-ETHYLQUINOLINIUM IODIDE) see: VC3968200
p,p'-(PENTAMETHYLENEDIOXY)DIBENZAMIDINE BIS(beta-HYDROXYETHANESULFONATE) see: CV6500000
PENTAMETHYLENEIMINE see: TM3500000
PENTAMETHYLENETETRAMINE, DINITROSO- see: XA5250000
PENTAMETHYLENETETRAZAL see: XF8225000
PENTAMETHYLENETETRAZOL see: XF8225000
PENTAMETHYLENETETRAZOLE see: XF8225000
PENTAMETHYLENE-1,5-TETRAZOLE see: XF8225000
1,5-PENTAMETHYLENETETRAZOLE see: XF8225000
PENTAMETHYLENIMINE see: TM3500000
PENTAMETHYLHEPTANE see: MJ1355000
PENTAMETHYLHEPTANE (DOT) see: MJ1355000
PENTAMETHYLPHOSPHORAMIDE see: TD0897000
PENTAMETHYLPHOSPHORIC TRIAMIDE see: TD0897000
2,2',4',6,6'-PENTAMETHYL-1-PIPERIDINEACETANILIDE see: TM3536000
1,2,2,6,6-PENTAMETHYLPIPERIDINE TARTRATE see: TN2240000
PENTAMETILENTETRAZOLO (Italian) see: XF8225000
PENTAMIDINE DIISETHIONATE see: CV6500000
PENTAMIDINE ISETHIONATE see: CV6500000
PENTAMIN see: BR8050000
PENTAMINE see: BR8050000
PENTAMON see: BR8050000
PENTAMYCETIN see: AB6825000
PENTAMYCIN see: LT3850000
PENTAN (Polish) see: RZ9450000
PENTANAL see: YV3600000
n-PENTANAL see: YV3600000

RZ9100000 1-PENTANAMINE, N-PENTYL-
UPDT:8401 CAS: 2050-92-2 MW: 157.34 MOLFM: C10-H23-N
SYN: DIAMYL AMINE * DI-n-AMYLAMINE * DI-n-AMYLAMINE (DOT) * DIPENTYLAMINE * PENTYLAMINE, PENTYL- * UN 2841 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open SEV UCDS** 8/9/68
TOXICITY DATA AND REFERENCES:
orl-rat LD50:270 mg/kg UCDS** 8/9/68
* ihl-rat LCLo:63 ppm/4H AIHAAP 23,95,62
1R10 skn-rbt LD50:350 mg/kg AIHAAP 23,95,62
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREW CROSS, FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-PENTANAMINIUM, 5,5'-OXYBIS(N,N,N-TRIMETHYL-, DICHLORIDE (9CI) see: BS0120000
PENTANATE see: UF1400000
PENTANDIOIC ACID see: MA3740000

RZ9450000 PENTANE
UPDT:8404 CAS: 109-66-0 MW: 72.17 MOLFM: C5-H12
SYN: AMYL HYDRIDE (DOT) * PENTAN (Polish) * PENTANE (DOT) * PENTANEN (Dutch) * PENTANI (Italian) * UN 1265 (DOT)
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:446 mg/kg JPMSAE 67,566,78
REVIEW AND REFERENCES:
★ TLV-TWA 600 ppm; STEL 750 ppm DTLVS* 4,324,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1000 ppm (SCP-G) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ALKANES recm std-air:TWA 350 mg/m3;CL 1800 mg/m3/15M NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1500
REPORTED IN EPA TSCA INVENTORY, 1983

RZ9800000 PENTANE, 2-BROMO-
UPDT:8312 CAS: 107-81-3 MW: 151.07 MOLFM: C5-H11-Br
SYN: 2-BROMOPENTANE * 2-BROMOPENTANE (DOT) * UN 2343 (DOT)
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:150 mg/kg NTIS** AD691-490
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID, LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2-PENTANECARBOXYLIC ACID see: YV7700000
3-PENTANECARBOXYLIC ACID see: ET1400000

RZ9865000 PENTANE, 1-CHLORO-
UPDT:8405 CAS: 543-59-9 MW: 106.61 MOLFM: C5-H11-Cl
SYN: AMYL CHLORIDE * n-AMYL CHLORIDE * AMYL CHLORIDE (DOT) * 1-CHLOROPENTANE * PENTYL CHLORIDE * UN 1107 (DOT)
STANDARDS & REGULATIONS:
★ DOT-UN1107; HAZARD: FLAMMABLE LIQUID; LABEL: FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1,5-PENTANEDIAL see: MA2450000
PENTANEDIAL, 3-METHYL- see: MA2800000
1,4-PENTANEDIAMINE, N(sup 4)-(7-CHLORO-4-QUINOLINYL)-N(sup 1),N(sup 1)-DIETHYL- see: VB2360000

SA0242000 1,4-PENTANEDIAMINE, N(sup 1),N(sup 1)-DIETHYL-
UPDT:8403 MW: 158.33 MOLFM: C9-H22-N2
SYN: 2-AMINO-5-DIETHYLAMINOPENTANE (DOT) * N(sup 1),N(sup 1)-DIETHYL-1,4-PENTANEDIAMINE * UN 2946 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

SA0242500 1,4-PENTANEDIAMINE, N(sup 4),N(sup 4)-DIMETHYL-2,2-DIPHENYL-
UPDT:84 MW: 282.47 MOLFM: C19-H26-N2
SYN: N(sup 4),N(sup 4)-DIMETHYL-2,2-DIPHENYL-1,4-PENTANEDIAMINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:50 mg/kg JCSOA9 -,2158,50

SA0243000 1,3-PENTANEDIAMINE, N,N-DIMETHYL-N'-(1-NITRO-9-ANTHRACENYL)-, DIHYDROCHLORIDE
UPDT:8412 CAS: 56366-74-6 MW: 424.41 MOLFM: C21-H25-N3-O2 .2Cl-H
SYN: C 609 * 1-NITRO-9-(5-DIMETHYLAMINOPENTYLAMINO)-ACRIDINE DIHYDROCHLORIDE
MUTATION DATA AND REFERENCES:
dnd-hmn:hla 2500 nmol/L CBINAB 49,311,84
dns-hmn:hla 1 umol/L CBINAB 49,311,84
TOXICITY DATA AND REFERENCES:
2K12K20 orl-rat LD50:63300 ug/kg AITEAT 21,775,73
3F13K12K20 ivn-rat LD50:500 ug/kg AITEAT 21,775,73
3K12K20U01 orl-mus LD50:76700 ug/kg AITEAT 21,775,73
3K12K20U01 ivn-mus LD50:1200 ug/kg AITEAT 21,775,73
1K13 ivn-pgn LD50:1200 ug/kg AITEAT 28,777,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,4-PENTANEDIAMINE, N(sup 4)-(6-METHOXY-8-QUINOLINYL)-, PHOSPHATE (1:2) (9CI) see: VA9660000
1,5-PENTANEDIAMINE, N-(6-METHOXY-8-QUINOLINYL)-N'-PROPYL-, PHOSPHATE (9CI) see: VC0367000

SA0330000 PENTANE, DICHLORO-
UPDT:8308 CAS: 30586-10-8 MW: 141.05 MOLFM: C5-H10-Cl2
SYN: DICHLOROPENTANE (DOT) * UN 1152 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

SA0370000 PENTANE, 1,2:4,5-DIEPOXY-
UPDT:8401 CAS: 4051-27-8 MW: 100.13 MOLFM: C5-H8-O2
SYN: 1,2,4,5-DIEPOXYPENTANE * OXIRANE, 2,2'-METHYLENEBIS- (9CI) * 1,4-PENTADIENE DIOXIDE
MUTATION DATA AND REFERENCES:
mmo-nsc 75 mmol/L CNREA8 32,1890,72
cyt-rat-ipr 2500 mg/kg BJPCAL 6,235,51
TUMORIGENIC DATA AND REFERENCES:
3V01R60V10 skn-mus TDLo:70 gm/kg/58W-I JNCIAM 35,707,65
3V02R60V10 skn-mus TD :76 gm/kg/63W-I 14JTAF -,275,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PENTANEDINITRILE (9CI) see: YI3500000
PENTANEDINITRILE, HEXAFLUORO- (9CI) see: MA5600000 GLUTARONITRILE, PERFLUORO-
PENTANEDIOIC ACID see: MA3740000
1,5-PENTANEDIOIC ACID see: MA3740000
PENTANEDIOIC ACID, DIDECYL ESTER see: MA3740800

PENTANEDIOIC ACID, 2-(1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)-, (S)- (9CI) see: MA3810000
PENTANEDIOIC ACID, HEXAFLUORO-, DIETHYL ESTER (9CI) see: MA3750500 GLUTARIC ACID,HEXAFLUORO-, DIETHYL ESTER
PENTANEDIOL-2,4 see: SA0490000

SA0490000 2,4-PENTANEDIOL
UPDT:8407 CAS: 625-69-4 MW: 104.17 MOLFM: C5-H12-O2
SYN: 2,4-AMYLENEGLYCOL * ISOAMYLENE ALCOHOL * PENTANEDIOL-2,4
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6860 mg/kg AMIHBC 10,61,54
1F02 orl-mus LD50:5792 mg/kg JAPMA8 45,669,56
* skn-rbt LD50:14100 mg/kg AMIHBC 10,61,54

SA0525000 2,4-PENTANEDIOL, 2-(p-CHLOROPHENYL)-4-METHYL-
UPDT:8403 CAS: 15687-18-0 MW: 228.74 MOLFM: C12-H17-Cl-O2
SYN: 2-(p-CHLOROPHENYL)-4-METHYLPENTANE-2,4-DIOL * 2-(p-CHLOROPHENYL)-4-METHYL-2,4-PENTANEDIOL * FENPENTADIOL * 2-METHYL-4-(p-CHLOROPHENYL)-2,4-PENTANEDIOL * RD 292 * TREDUM
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1200 mg/kg ARZNAD 21,9,71
orl-mus LD50:940 mg/kg ARZNAD 21,9,71

SA0700000 2,4-PENTANEDIOL, 1-(3-FURANYL)-
UPDT:8407 CAS: 53011-73-7 MW: 170.23 MOLFM: C9-H14-O3
SYN: 1-(3-FURANYL)-2,4-PENTANEDIOL * 1,4-IPOMEADIOL
TOXICITY DATA AND REFERENCES:
3H30J16J17 orl-mus LD50:104 mg/kg BBACAQ 337,184,74
3H30J16J17 ipr-mus LD50:67 mg/kg BBACAQ 337,184,74
3H30J16J17 ivn-mus LD50:68 mg/kg BBACAQ 337,184,74

SA0810000 2,4-PENTANEDIOL, 2-METHYL-
UPDT:8405 CAS: 107-41-5 MW: 118.20 MOLFM: C6-H14-O2
SYN: 2,4-DIHYDROXY-2-METHYLPENTANE * DIOLANE * ISOL * 1,2-HEXANEDIOL * HEXYLENE GLYCOL * PINAKON * 2-METHYL PENTANE-2,4-DIOL * 2-METHYL-2,4-PENTANEDIOL * alpha,alpha,alpha-TRIMETHYLTRIMETHYLENE GLYCOL
IRRITATION DATA AND REFERENCES:
skn-rbt 465 mg open MLD UCDS** 11/3/71
skn-rbt 465 mg/24H MOD JPETAB 82,377,44
skn-rbt 500 mg/24H MOD FCTXAV 16,777,78
eye-rbt 93 mg SEV BIOFX* 12-4/70
TOXICITY DATA AND REFERENCES:
3D07D35J30 ihl-hmn TCLo:50 ppm/15M 34ZIAG -,312,69
3D07D25J30 ihl-hmn TCLo:50 ppm JIHTAB 28,262,46
orl-rat LD50:4000 mg/kg FEPRA7 4,142,45
ipr-rat LDLo:1500 mg/kg JPPMAB 11,150,59
1F02 orl-mus LD50:3097 mg/kg JAPMA8 45,669,56
ipr-mus LD50:1299 mg/kg SCCUR* -,5,61
orl-rbt LD50:3200 mg/kg FEPRA7 4,142,45
* skn-rbt LD50:12303 mg/kg JIHTAB 30,63,48
1R03 scu-rbt LD50:13 gm/kg FCTXAV 16,777,78
orl-gpg LD50:2800 mg/kg FEPRA7 4,142,45
REVIEW AND REFERENCES:
★ TLV-CL 25 ppm DTLVS* 4,219,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SA1050000 2,4-PENTANEDIOL, 2-METHYL-, ESTER with BORIC ACID (3:2)
UPDT:8405 CAS: 26545-48-2 MW: 406.20 MOLFM: C18-H40-B2-O8
SYN: TRIHEXYLENE GLYCOL DIBORATE
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MOD 14KTAK -,706,64
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1720 mg/kg 14KTAK -,693,64

SA1225000 2,4-PENTANEDIOL, 2-METHYL-, ESTER with BORIC ACID (H3-B-03) (1:2) cyclic BIS (1,1,3-TRIMETHYLMETHYLENE) ESTER
UPDT:8307 CAS: 100-89-0 MW: 370.16 MOLFM: C18-H36-B2-O6
SYN: 1,3,2-DIOXABORINANE, 2,2'-((1,1,3-TRIMETHYLTRIMETHYLENE)DIOXY)BIS(4,4,6-TRIMETHYL)- * TRI(2-METHYL-2,4-PENTANEDIOL)BIBORATE * USAF BO-1
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:750 mg/kg NTIS** AD277-689
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SA1435000 1,3-PENTANEDIOL, 2,2,4-TRIMETHYL-, ISOBUTYRATE (ester), mixed isomers
UPDT:8308 MW: 216.36 MOLFM: C12-H24-O3
SYN: ISOBUTYRIC ACID, 2,2,4-TRIMETHYL-1,3-PENTANEDIOL MONOESTER, mixed isomers * 2,2,4-TRIMETHYL-1,3-PENTANEDIOL ISOBUTYRATE (ester), mixed isomers
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6860 mg/kg TXAPA9 28,313,74
PENTANEDIONE see: SA1925000
PENTANEDIONE-2,4 see: SA1925000
1,5-PENTANEDIONE see: MA2450000

SA1850000 2,3-PENTANEDIONE
UPDT:8305 CAS: 600-14-6 MW: 100.13 MOLFM: C5-H8-O2
SYN: ACETYLPROPIONYL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,699,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3000 mg/kg FCTXAV 17,699,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SA1925000 2,4-PENTANEDIONE
UPDT:8407 CAS: 123-54-6 MW: 100.13 MOLFM: C5-H8-O2
SYN: ACETOACETONE * ACETONE, ACETYL- * ACETYLACETONE * DIACETYLMETHANE * PENTANEDIONE * PENTANEDIONE-2,4 * 2,4-PENTANEDIONE (DOT) * UN 2310 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 26,269,44
skn-rbt 488 mg open MLD UCDS** 7/8/71
eye-rbt 4760 ug SEV AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1000 mg/kg JIHTAB 26,269,44
ihl-rat LCLo:1000 ppm/4H JIHTAB 31,343,49
ipr-mus LD50:750 mg/kg NTIS** AD691-490
skn-rbt LD50:5000 mg/kg UCDS** 7/8/71
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
2,4-PENTANEDIONE (DOT) see: SA1925000
1,4-PENTANEDIONE, 1-(3-FURANYL)- (9CI) see: SA1956000

SA1956000 1,4-PENTANEDIONE, 1-(3-FURYL)-
UPDT:8408 CAS: 496-06-0 MW: 166.19 MOLFM: C9-H10-O3
SYN: 1-(3-FURANYL)-1,4-PENTANEDIONE * 1-(3-FURYL)-1,4-PENTANEDIONE * IPOMEANIN * IPOMEANINE * beta-(gamma-OXOVALEROYL)FURAN * 1,4-PENTANEDIONE, 1-(3-FURANYL)- (9CI)
TOXICITY DATA AND REFERENCES:
3H30J16J17 orl-mus LD50:26 mg/kg BBACAQ 337,184,74
3H30J16J17 ipr-mus LD50:25 mg/kg BBACAQ 337,184,74
3H30J16J17 ivn-mus LD50:14 mg/kg BBACAQ 337,184,74

SA2100000 2,4-PENTANEDIONE, NICKEL(II) deriv.
UPDT:8307 CAS: 3264-82-2 MW: 256.95 MOLFM: C10-H14-Ni-O4
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:125 mg/kg CBCCT* 4,231,52
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SA2390000 2,4-PENTANEDIONE PEROXIDE, maximum concentration 40% in solution
UPDT:8312
SYN: ACETYL ACETONE PEROXIDE, maximum concentration 40% in solution (DOT) * UN 2080 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.102,83

SA2400000 2,4-PENTANEDIONE PEROXIDE, with no more than 9% by weight active OXYGEN
UPDT:8402 CAS: 37187-22-7
SYN: ACETYLACETONE PEROXIDE (DOT) * TRIGONOX 40 * UN 2080 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SA2410000 2,4-PENTANEDIONE PEROXIDE, with more than 9% active OXYGEN
UPDT:8308 CAS: 37187-22-7
SYN: ACETYLACETONE PEROXIDE * ACETYL ACETONE PEROXIDE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
2,4-PENTANEDIONE, PHENYLMERCURIC SALT see: OW8890000
2,4-PENTANEDIONE, ZIRCONIUM COMPLEX see: ZH9280000
PENTANE (DOT) see: RZ9450000
tert-PENTANE (DOT) see: TY1190000

SA2710000 PENTANE, 2,3-EPOXY-2-METHYL-
UPDT:8307 CAS: 1192-22-9 MW: 100.18 MOLFM: C6-H12-O
SYN: 2,3-EPOXY-2-METHYLPENTANE * 2-METHYL-2,3-PENTYLENE OXIDE
TOXICITY DATA AND REFERENCES:
3F13F17F25 orl-rat LD50:3500 mg/kg GTPZAB 25(11),51,81
3F13F17F25 ihl-rat LC50:16400 mg/m3 GTPZAB 25(11),51,81
3F13F17F25 ipr-rat LD50:1600 mg/kg GTPZAB 25(11),51,81
3F13F17F25 orl-mus LD50:3400 mg/kg GTPZAB 25(11),51,81
3F13F17F25 ihl-mus LC50:13800 mg/m3 GTPZAB 25(11),51,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SA2975600 PENTANE, 1-IODO-
UPDT:8408 CAS: 628-17-1 MW: 198.06 MOLFM: C5-H11-I
SYN: AMYL IODIDE * 1-IODOPENTANE * PENTYL IODIDE * n-PENTYL IODIDE * 1-PENTYL IODIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:948 mg/kg 85GMAT -,21,82
* ipr-mus LD50:489 mg/kg 85GMAT -,21,82

SA2994000 PENTANE, METHYL-
UPDT:8308 CAS: 43133-95-5 MW: 86.20 MOLFM: C6-H14
SYN: METHYLPENTANE * METHYLPENTANE (DOT) * UN 2462 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

SA2995000 PENTANE, 2-METHYL-
UPDT:8312 CAS: 107-83-5 MW: 86.20 MOLFM: C6-H14
SYN: ISOHEXANE * 2-METHYLPENTANE * 2-METHYLPENTANE (DOT) * UN 2462 (DOT)
IRRITATION DATA AND REFERENCES:
eye-hmn 5 ppm JOCMA7 2,383,60
REVIEW AND REFERENCES:
★ TLV-TWA 500 ppm; STEL 1000 ppm DTLVS* 4,218,80
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ALKANES recm std-air:TWA 350 mg/m3;CL 1800 mg/m3/15M NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SA2995500 PENTANE, 3-METHYL-
CAS: 96-14-0 MW: 86.20 MOLFM: C6-H14
SYN: 3-METHYLPENTANE * 3-METHYLPENTANE (DOT) * UN 2462 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
PENTANEN (Dutch) see: RZ9450000
PENTANENOLACTONE see: WH1317900

SA2998020 1,2,3,4,5-PENTANEPENTOL, 1-(3-NITROSO-2-THIAZOLIDINYL)-
UPDT:8412 MW: 268.32 MOLFM: C8-H16-N2-O6-S
MUTATION DATA AND REFERENCES:
mmo-sat 5 mg/plate FCTOD7 22,253,84
mmo-sat 5 mg/plate FCTOD7 22,253,84

SA3110000 PENTANE, 1,1,1,5-TETRACHLORO-
UPDT:8408 CAS: 2467-10-9 MW: 209.93 MOLFM: C5-H8-Cl4
SYN: 1,1,1,5-TETRACHLOROPENTANE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:430 mg/kg GISAAA 27,3,62

SA3150000 I-PENTANETHIOL
UPDT:8308 CAS: 110-66-7 MW: 104.23 MOLFM: C5-H12-S
SYN: AMYL HYDROSULFIDE * AMYL MERCAPTAN * n-AMYL MERCAPTAN * AMYL MERCAPTAN (DOT) * AMYL SULFHYDRATE * AMYL THIOALCOHOL * MERCAPTAN AMYLIQUE (French) * PENTYL MERCAPTAN * UN 1111 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:2000 ppm/4H JIHTAB 31,343,49
STANDARDS & REGULATIONS:
★ DOT-HAZARD: FLAMMABLE LIQUID; LABEL: FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO n-ALKANE MONO THIOLS recm std-air:CL 0.5 ppm/15M NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SA3320000 PENTANE, 2,2,4-TRIMETHYL-
UPDT:8308 CAS: 540-84-1 MW: 114.26 MOLFM: C8-H18

SYN: ISOBUTYLTRIMETHYLMETHANE * ISOOCTANE * ISOOCTANE (DOT) * 2,2,4-TRIMETHYLPENTANE * UN 1262 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ALKANES recm std-air:TWA 350 mg/m3;CL 1800 mg/m3/15M — NTIS**

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

PENTANI (Italian) see: RZ9450000

PENTANITRINE see: RZ2620000

2,3,4,5,6-PENTANITROANILINE see: BY7925000

PENTANITROANILINE, dry (DOT) see: BY7925000

PENTANOCHLOR see: YV9103000

PENTANOIC ACID see: YV6100000

n-PENTANOIC ACID see: YV6100000

tert-PENTANOIC ACID see: TO7700000

PENTANOIC ACID, 5-((5-AMINO-2,4-DIIODOPHENYL)ETHYLAMINO)-5-OXO- (9CI) see: MA3050000

PENTANOIC ACID, 5-((3-AMINO-2,4-DIIODOPHENYL)METHYLAMINO)-5-OXO- (9CI) see: MA3055000

SA3676000 PENTANOIC ACID, 2-AMINO-5-HYDROXY-4-OXO-

UPDT:8405 CAS: 4439-84-3 MW: 147.15 MOLFM: C5-H9-N-O4

SYN: 2-AMINO-5-HYDROXYLEVULINIC ACID * 2-AMINO-5-HYDROXY-4-OXOPENTANOIC ACID * H-899 * HON * delta-HYDROXY-gamma-OXO-L-NORVALINE * 5-HYDROXY-4-OXO-NORVALINE * LEVULINIC ACID, 2-AMINO-5-HYDROXY-

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:7600 mg/kg — JAJAAA 14,39,61

* scu-mus LD50:8000 mg/kg — JAJAAA 14,39,61

* ivn-mus LD50:5200 mg/kg — JAJAAA 14,39,61

PENTANOIC ACID, 5-((3-AMINO-2,4,6-TRIIODOPHENYL)ETHYLAMINO)-5-OXO- (9CI) see: MA3060000

SA3678000 PENTANOIC ACID, 5-((3-AMINO-2,4,6-TRIIODOPHENYL)METHYLAMINO)-5-OXO-

UPDT:8407 CAS: 25827-76-3 MW: 613.97 MOLFM: C12-H13-I3-N2-O3

SYN: 3'-AMINO-2',4',6'-TRIIODO-N-METHYLGLUTARANILIC ACID * 5-((3-AMINO-2,4,6-TRIIODOPHENYL)METHYLAMINO)-5-OXOPENTANOIC ACID * FALIGNOST * GLUTARANILIC ACID 3'-AMINO-N-METHYL-2',4',6'-TRIIODO- * IOMEGLAMIS ACID * IOMEGLAMSAEURE (German) * N-METHYL-N-(3-AMINO-2,4,6-TRIIODOPHENYL)GLUTARAMIC ACID * N-METHYL-N-(2,4,6-TRIIODO-3-AMINOPHENYL)GLUTARAMIDIC ACID * N-METHYL-N-(2,4,6-TRIJOD-3-AMINOPHENYL)-GLUTARAMIDSAEURE (German) * RG 270

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1200 mg/kg — PHARAT 37,411,72

* ivn-mus LD50:500 mg/kg — PHARAT 27,411,72

SA3680000 PENTANOIC ACID, 4-(BENZOYLAMINO)-5-(DIPROPYLAMINO)-5-OXO-

UPDT:8412 CAS: 24485-90-3 MW: 334.46 MOLFM: C18-H26-N2-O4

SYN: DL-4-BENZAMIDO-N,N-DIPROPYLGLUTARAMIC ACID * (+-)-4-(BENZOYLAMINO)-5-(DIPROPYLAMINO)-5-OXOPENTANOIC ACID * N-BENZOYL-N',N'-DI-n-PROPYL-DL-ISOGLUTAMINE * CR 242 * GASTRIDENE * KXM * MIDELID * MILID * NULSA * PROGLUMIDE * W-5219 * XYLAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46 orl-rat TDLo:1350 mg/kg (9-14D preg) — OYYAA2 5,225,71

1T46 orl-mus TDLo:5400 mg/kg (7-12D preg) — OYYAA2 5,225,71

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:20 gm/kg — NIIRDN 6,722,82

* ipr-rat LD50:1420 mg/kg — NIIRDN 6,722,82

* orl-mus LD50:8070 mg/kg — MIMEAO 58,3653,67

* ipr-mus LD50:1480 mg/kg — NIIRDN 6,722,82

* ivn-mus LD50:2420 mg/kg — MIMEAO 58,3653,67

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PENTANOIC ACID, 2,2-DIMETHYL-3-(6-METHOXY-3,4-DIHYDRO-2-NAPHTHYL)- see: QK0302100

PENTANOIC ACID, 5-(2,5-DIMETHYLPHENOXY)-2,2-DIMETHYL- (9CI) see: YV7120000

PENTANOIC ACID, 2,2-DIPHENYL-, 2-(N,N-DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE see: YV7175000

PENTANOIC ACID, METHYL ESTER (9CI) see: YV7750500 VALERIC ACID, METHYL ESTER

PENTANOIC ACID, 4-OXO-, ETHYL ESTER (9CI) see: OI1700000

PENTANOIC ACID, 2-PROPYL-, 2-CARBOXYPHENYL ESTER see: VO6236000 SALICYLIC ACID, 2-PROPYLVALERATE

PENTANOIC ACID, 2-PROPYL-, SODIUM SALT see: YV7876000

PENTANOL see: SB9800000

n-PENTANOL see: SB9800000

tert-PENTANOL see: SC0175000

PENTAN-1-OL see: SB9800000

PENTANOL-1 see: SB9800000

SA4900000 2-PENTANOL

UPDT:8312 CAS: 6032-29-7 MW: 88.17 MOLFM: C5-H12-O

SYN: sec-AMYL ALCOHOL * sec-AMYL ALCOHOL (DOT) * METHYL PROPYL CARBINOL * PENTANOL-2 * sec-PENTYL ALCOHOL * UN 1105 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD — 28ZPAK -,36,72

eye-rbt 20 mg/24H SEV — 28ZPAK -,36,72

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1470 mg/kg — 28ZPAK -,36,72

ipr-rat LDLo:2130 mg/kg — JIHTAB 27,1,45

orl-rbt LDLo:3500 mg/kg — JLCMAK 10,985,25

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

PENTANOL-2 see: SA4900000

SA5075000 3-PENTANOL

UPDT:8407 CAS: 584-02-1 MW: 88.17 MOLFM: C5-H12-O

SYN: DIETHYL CARBINOL * DIETHYLCARBINOL (DOT) * PENTANOL-3 * PENTAN-3-OL * UN 2706 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD — AMIHBC 10,61,54

eye-rbt 5 mg open SEV — AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1870 mg/kg — AMIHBC 10,61,54

ipr-rat LDLo:1950 mg/kg — JIHTAB 27,1,45

* skn-rbt LD50:2520 mg/kg — AMIHBC 10,61,54

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

PENTAN-3-OL see: SA5075000

PENTANOL-3 see: SA5075000

1-PENTANOL ACETATE see: AJ1925000

2-PENTANOL, ACETATE (8CI, 9CI) see: AJ2100000

SA5900000 1-PENTANOL, 5-(3-CHLORO-2-HYDROXYPROPOXY)-

UPDT:8305 CAS: 18485-61-5 MW: 196.70 MOLFM: C8-H17-Cl-O3

SYN: 5-(3-CHLORO-2-HYDROXYPROPOXY)-1-PENTANOL * U 26,554

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T23 orl-rat TDLo:960 mg/kg (8D male) — JRPFA4 21,263,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SA5950000 2-PENTANOL, 4-CYANOETHOXY-2-METHYL-

UPDT:8303 CAS: 10141-15-8 MW: 171.27 MOLFM: C9-H17-N-O2

SYN: 4-CYANOETHOXY-2-METHYL-2-PENTANOL

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD — AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:3200 mg/kg — AIHAAP 23,95,62

1R10 skn-rbt LD50:1500 mg/kg — AIHAAP 23,95,62

SA6475000 1-PENTANOL, 2-(DIETHYLAMINO)-4-METHYL-, p-AMINOBENZOATE (ester), MONOMETHANESULFONATE

UPDT:8403 CAS: 135-44-4 MW: 388.58 MOLFM: C17-H28-N2-O2 C-H4-O3-S

SYN: p-AMINOBENZOIC ACID beta-DIETHYLAMINOISOHEXYL ESTER METHANESULFONATE * p-AMINOBENZOIC ACID-N-1-DIETHYLAMINO-1-ISOBUTYLETHANOL METHANESULFONATE * p-AMINOBENZOIC ACID N,N-DIETHYLLEUCINOL ESTER METHANESULFONATE * N,N-DIETHYLLEUCINON-p-AMINOBENZOIC ACID METHANESULFONATE * 2-(DIETHYLAMINO)-4-METHYL-1-PENTANOL, p-AMINOBENZOATE ESTER, METHANESULFONATE * LEUCINOCAINE MESYLATE * LEUCINOCAINE METHANESULFONATE * METHANESULFONIC ACID, compd. with 2-(DIETHYLAMINO)-4-METHYLPENTYL P-AMINOBENZOATE (1:1) * 2-METHYL-4-DIETHYLAMINOPENTAN-5-OL p-AMINOBENZOATE * PANTHESIN * PANTHESINE * S.P. 147

TOXICITY DATA AND REFERENCES:

* scu-mus LDLo:300 mg/kg — PHREA7 12,190,32

* scu-rbt LDLo:240 mg/kg — PHREA7 12,190,32

ivn-rbt LDLo:20 mg/kg — JPETAB 57,221,36

isp-rbt LDLo:11 mg/kg — JPETAB 57,221,36

scu-gpg LDLo:112 mg/kg — PHREA7 12,190,32

* ivn-gpg LDLo:20 mg/kg — PHREA7 12,190,32

SA6650000 1-PENTANOL, 2,3-DIMETHYL-

UPDT:8303 CAS: 10143-23-4 MW: 116.23 MOLFM: C7-H16-O

SYN: 2,3-DIMETHYLPENTANOL * 2,3-DIMETHYL-1-PENTANOL

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD — AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2380 mg/kg — AIHAAP 23,95,62

1R10 skn-rbt LD50:2500 mg/kg — AIHAAP 23,95,62

SA6695000 1-PENTANOL, 2,2-DIMETHYL-, CARBAMATE

UPDT:8306 CAS: 3124-42-3 MW: 159.26 MOLFM: C8-H17-N-O2

SYN: CARBAMIC ACID, 2,2-DIMETHYLPENTYL ESTER * 2,2-DIMETHYL-1-PENTANOL CARBAMATE * 2,2-DIMETHYLPENTYL ESTER of CARBAMIC ACID

TOXICITY DATA AND REFERENCES:

2F05F17 ipr-mus LD50:580 mg/kg — JMCMAR 8,604,65

SA6695010 1-PENTANOL, 4,4-DIMETHYL-, CARBAMATE

UPDT:8306 MW: 159.26 MOLFM: C8-H17-N-O2

SYN: CARBAMIC ACID, 4,4-DIMETHYLPENTYL ESTER * 4,4-DIMETHYL-1-PENTANOL CARBAMATE * 4,4-DIMETHYLPENTYL ESTER of CARBAMIC ACID

TOXICITY DATA AND REFERENCES:

2F05F17 ipr-mus LD50:670 mg/kg — JMCMAR 8,604,65

SA6780000 3-PENTANOL, 3-ETHYL-

UPDT:8406 CAS: 597-49-9 MW: 116.23 MOLFM: C7-H16-O

SYN: 3-AETHYL-PENTANOL (3) (German) * 3-ETHYL-3-PENTANOL * TRIETHYLCARBINOL * TRIETHYLMETHANOL

TOXICITY DATA AND REFERENCES:

scu-mus LD50:700 mg/kg — ARZNAD 5,161,55

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SA6825000 1-PENTANOL, 2-ETHYL-4-METHYL-

UPDT:8303 CAS: 106-67-2 MW: 130.26 MOLFM: C8-H18-O

SYN: 2-ETHYLISOHEXANOL * 2-ETHYL-4-METHYLPENTANOL * 2-ETHYL-4-METHYL-1-PENTANOL

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD — AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:4290 mg/kg — AIHAAP 23,95,62

orl-mus LDLo:1600 mg/kg — KODAK* 21MAY71

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

4-PENTANOLIDE see: LU3580000

SA6950000 1-PENTANOL, 2-(ISOPENTYLOXY)-4-METHYL-

UPDT:8407 CAS: 10086-50-7 MW: 188.35 MOLFM: C11-H24-O2

SYN: 2-(ISOBUTYL-3-METHYLBUTOXY)ETHANOL

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD — AMIHBC 10,61,54

eye-rbt 20 mg open SEV — AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:5410 mg/kg — AMIHBC 10,61,54

SA7200000 PENTANOL, 4-METHYL-

UPDT:8305 CAS: 1320-98-5 MW: 102.20 MOLFM: C6-H14-O

SYN: 4-METHYLPENTANOL

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:6500 mg/kg — AIHAAP 23,95,62

* skn-rbt LD50:3970 ug/kg — AIHAAP 23,95,62

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-PENTANOL, 4-METHYL- (9CI) see: NR3020000

SA7340000 2-PENTANOL, 2-METHYL-

UPDT:8312 MW: 102.20 MOLFM: C6-H14-O

SYN: 2-METHYL-2-PENTANOL * 2-METHYLPENTAN-2-OL (DOT) * UN 2560 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83

SA7350000 2-PENTANOL, 4-METHYL-

UPDT:8412 CAS: 108-11-2 MW: 102.20 MOLFM: C6-H14-O

SYN: ALCOOL METHYL AMYLIQUE (French) * ISOBUTYLMETHYLCARBINOL * ISOBUTYLMETHYLMETHANOL * MAOH * METHYL AMYL ALCOHOL * METHYLISOBUTYL CARBINOL * METHYL ISOBUTYL CARBINOL (DOT) * 2-METHYL-4-PENTANOL * 4-METHYLPENTANOL-2 * 4-METHYL-2-PENTANOL * METILAMIL ALCOHOL (Italian) * 4-METILPENTAN-2-OLO (Italian) * MIBC * MIC * 3-MIC * UN 2053 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD — AMIHBC 4,119,51

eye-rbt 20 mg open SEV — AMIHBC 4,119,51

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2590 mg/kg — AMIHBC 4,119,51

ihl-rat LCLo:2000 ppm/4H — JIHTAB 31,343,49

orl-mus LDLo:1000 mg/kg — UCPHAQ 2,217,49

ipr-mus LD50:812 mg/kg — SCCUR* -,7,61

* skn-rbt LD50:3560 mg/kg — AMIHBC 4,119,51

REVIEW AND REFERENCES:

★ TLV-TWA 25 ppm; STEL 40 ppm (skin) — DTLVS* 4,282,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 25 ppm (skin) (SCP-E) — FEREAC 39,23540,74

★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172,102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1402
REPORTED IN EPA TSCA INVENTORY, 1983

SA7450000 3-PENTANOL, 3-METHYL-
UPDT:8403 CAS: 77-74-7 MW: 102.20 MOLFM: C6-H14-O
SYN: 3-METHYL-PENTANOL-(3) (German) * 3-METHYL-3-PENTANOL
TOXICITY DATA AND REFERENCES:
scu-mus LD50:1100 mg/kg — ARZNAD 5,161,55
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SA7525000 2-PENTANOL, 4-METHYL-, ACETATE
UPDT:8408 CAS: 108-84-9 MW: 144.24 MOLFM: C8-H16-O2
SYN: ACETIC ACID, 1,3-DIMETHYLBUTYL ESTER * 1,3-DIMETHYLBUTYL ACETATE * sec-HEXYL ACETATE * MAAC * METHYLAMYL ACETATE * METHYL AMYL ACETATE (DOT) * METHYLISOAMYL ACETATE * METHYLISOBUTYLCARBINOL ACETATE * METHYLISOBUTYLCARBINYL ACETATE * 4-METHYL-2-PENTANOL, ACETATE * 4-METHYL-2-PENTYL ACETATE * UN 1233 (DOT)
IRRITATION DATA AND REFERENCES:
eye-hmn 100 ppm/15M — JIHTAB 28,262,46
skn-rbt 500 mg open MLD — UCDS** 7/28/66
eye-rbt 500 mg open — AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
3D07D25J30 ihl-hmn TCLo:100 ppm — JIHTAB 28,262,46
orl-rat LD50:6160 mg/kg — UCDS** 7/28/66
ihl-rat LCLo:2000 ppm/4H — UCDS** 7/28/66
skn-rbt LD50:20 gm/kg — UCDS** 7/28/66
REVIEW AND REFERENCES:
★ TLV-TWA 50 ppm — DTLVS* 4,219,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ppm (SCP-D) — FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172,101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1450
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SA7624000 3-PENTANOL, 3-METHYL-1-PHENYL-
UPDT:8305 CAS: 10415-87-9 MW: 178.30 MOLFM: C12-H18-O
SYN: PHENETHYLMETHYLETHYLCARBINOL * PHENYLETHYL METHYL ETHYL CARBINOL * 1-PHENYL-3-METHYL-3-PENTANOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — FCTXAV 17,891,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2950 mg/kg — FCTXAV 17,891,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SA7625000 3-PENTANOL, 3-METHYL-1-PHENYL-, ACETATE
UPDT:8305 CAS: 72007-81-9 MW: 220.34 MOLFM: C14-H20-O2
SYN: METHYLETHYL PHENYLETHYL CARBINYL ACETATE * PHENYLETHYL METHYLETHYLCARBINYL ACETATE * 1-PHENYL-3-METHYL-3-PENTANYL ACETATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — FCTXAV 14,833,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SA7649000 1-PENTANOL, OCTAFLUORO-
UPDT:8412 CAS: 39660-55-4 MW: 232.09 MOLFM: C5-H4-F8-O
SYN: OCTAFLUOROAMYL ALCOHOL * OCTAFLUOROPENTANOL * OCTAFLUORO-1-PENTANOL * OCTAFLUOROPENTYL ALCOHOL
TOXICITY DATA AND REFERENCES:
* ihl-mus LC50:10500 mg/m3/2H — 85GMAT -,94,82

SA7875000 2-PENTANONE
UPDT:8404 CAS: 107-87-9 MW: 86.15 MOLFM: C5-H10-O
SYN: ETHYL ACETONE * METHYL-PROPYL-CETONE (French) * METYLOPROPYLOKETON (Polish) * METHYLPROPYL KETONE * METHYL-n-PROPYL KETONE * METHYL PROPYL KETONE (DOT) * MPK * UN 1249 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 405 mg open MLD — UCDS** 7/20/67
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3730 mg/kg — AIHAAP 23,95,62
ihl-rat LCLo:2000 ppm/4H — AIHAAP 23,95,62
ipr-rat LD50:1250 mg/kg — NPIRI* 1,83,74
* skn-rbt LD50:8000 mg/kg — AIHAAP 23,95,62
REVIEW AND REFERENCES:
★ TLV-TWA 200 ppm; STEL 250 ppm — DTLVS* 4,286,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ppm (SCP-A) — FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO KETONES recm std-air:TWA 530 mg/m3 — NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1300
REPORTED IN EPA TSCA INVENTORY, 1983

SA8050000 3-PENTANONE
UPDT:8308 CAS: 96-22-0 MW: 86.15 MOLFM: C5-H10-O
SYN: DEK * DIETHYLCETONE (French) * DIETHYL KETONE * DIETHYL KETONE (DOT) * DIMETHYLACETONE * METACETONE * METHACETONE * PENTANONE-3 * PROPIONE * UN 1156 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 410 mg open MLD — UCDS** 4/25/58
eye-rbt 50 mg MOD — UCDS** 4/25/58
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2140 mg/kg — UCDS** 4/25/58
* ihl-rat LCLo:8000 ppm/4H — AMIHBC 10,61,54
ipr-rat LDLo:1250 mg/kg — JIHTAB 27,1,45
ivn-mus LD50:513 mg/kg — JPMSAE 67,566,78
* skn-rbt LD50:20 gm/kg — AMIHBC 10,61,54
REVIEW AND REFERENCES:
★ TLV-TWA 200 ppm — DTLVS* 4,142,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172,101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PENTANONE-3 see: SA8050000

2-PENTANONE, 5-(ACETYLOXY)- (9CI) see: SA9090000 2-PENTANONE, 5-HYDROXY-, ACETATE

2-PENTANONE, 5-(ACETYLOXY)-1-BROMO- (9CI) see: SA8142800 2-PENTANONE, 1-BROMO-5-HYDROXY-,ACETATE

2-PENTANONE, 5-(ACETYLOXY)-3-CHLORO- (10CI) see: SA8146500 2-PENTANONE, 3-CHLORO-5-HYDROXY-, ACETATE

SA8142200 3-PENTANONE, 2-(1-BENZOYL-1-PYRROLYL)-5-(DIETHYLAMINO)-, CITRATE
UPDT:8306 MW: 518.62 MOLFM: C20-H26-N2-O2 C6-H8-O7
SYN: 2-(1-BENZOYL-1-PYRROLYL)-5-(DIETHYLAMINO)-3-PENTANONE CITRATE
TOXICITY DATA AND REFERENCES:
2A11F07 par-mus LD50:15 mg/kg — CHTPBA 1,127,66

SA8142250 3-PENTANONE, 4-(2-BENZOYLPYRROL-1-YL)-1-MORPHOLINO-, CITRATE
UPDT:8306 CAS: 15008-85-2 MW: 532.60 MOLFM: C20-H24-N2-O3 C6-H8-O7
SYN: 2-(1-BENZOYL-1-PYRROLYL)-5-MORPHOLINO-3-PENTANONE CITRATE * 4-(2-BENZOYLPYRROL-1-YL)-1-MORPHOLINO-3-PENTANONE CITRATE
TOXICITY DATA AND REFERENCES:
2A11F07 ivn-mus LD50:110 mg/kg — CHTPBA 1,127,66

SA8142800 2-PENTANONE, 1-BROMO-5-HYDROXY-, ACETATE
UPDT:8408 CAS: 20206-80-8 MW: 223.09 MOLFM: C7-H11-Br-O3
SYN: BROMOACETOPROPYL ACETATE * BROMOACETYLPROPYL ACETATE * 3-(BROMOACETYL)PROPYL ACETATE * 1-BROMO-5-HYDROXY-2-PENTANONE ACETATE * 2-PENTANONE, 5-(ACETYLOXY)-1-BROMO- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:600 mg/kg — 85GMAT -,27,82
* ihl-rat LC50:149 mg/m3/4H — 85GMAT -,27,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SA8146500 2-PENTANONE, 3-CHLORO-5-HYDROXY-, ACETATE
UPDT:8408 CAS: 13051-49-5 MW: 178.63 MOLFM: C7-H11-Cl-O3
SYN: 5-(ACETYLOXY)-3-CHLORO-2-PENTANONE * CHLOROACETOPROPYL ACETATE * 3-CHLORO-5-HYDROXY-2-PENTANONE ACETATE * 2-PENTANONE, 5-(ACETYLOXY)-3-CHLORO- (10CI)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2049 mg/kg — 85GMAT -,34,82

SA8220000 3-PENTANONE, 2,4-DIBENZYL-
UPDT:8407 MW: 266.41 MOLFM: C19-H22-O
SYN: 2,4-DIBENZYL-3-PENTANONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2660 mg/kg — JMCMAR 17,154,74

SA8577000 2-PENTANONE, 5-DIMETHYLAMINO-3,3-DIPHENYL-, HYDROCHLORIDE
UPDT:8312 MW: 317.89 MOLFM: C19-H23-N-O Cl-H
SYN: 5-DIMETHYLAMINO-3,3-DIPHENYLPENTAN-2-ONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F29J25 ivn-mus LD50:70 mg/kg — JCSOA9 -,648,49

SA8583000 2-PENTANONE, 5-DIMETHYLAMINO-3,3-DIPHENYL-4-METHYL-, HYDROBROMIDE
UPDT:8312 MW: 376.38 MOLFM: C20-H25-N-O Br-H
SYN: 5-DIMETHYLAMINO-3,3-DIPHENYL-4-METHYLPENTAN-2-ONE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
2F29J25 ivn-mus LD50:60 mg/kg — JCSOA9 -,648,49

1-PENTANONE, 2,2-DIMETHYL-1-MORPHOLINO- see: QE2920000

SA8850000 2-PENTANONE, 3,3-DIPHENYL-5-PIPERIDINO-, HYDROBROMIDE
UPDT:8312 MW: 402.42 MOLFM: C22-H27-N-O Br-H
SYN: 3,3-DIPHENYL-5-PIPERIDINO-2-PENTANONE HYDROBROMIDE * 5-PIPERIDINO-3,3-DIPHENYLPENTAN-2-ONE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
1J25 ivn-mus LD50:12 mg/kg — JCSOA9 -,648,49

SA8860000 2-PENTANONE, 3,3-DIPHENYL-5-PIPERIDINO-4-METHYL-, NITRATE
UPDT:8408 MW: 398.55 MOLFM: C23-H29-N-O H-N-O3
SYN: 3,3-DIPHENYL-5-PIPERIDINO-4-METHYL-2-PENTANONE NITRATE * 5-PIPERIDINO-3,3-DIPHENYL-4-METHYLPENTAN-2-ONE NITRATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:30 mg/kg — JCSOA9 -,2158,50

2-PENTANONE, 5-(3-FURANYL)-5-HYDROXY- (9CI) see: SA9060000

SA8935000 1-PENTANONE, 1-(3-FURANYL)-4-METHYL-
UPDT:8402 CAS: 553-84-4 MW: 166.24 MOLFM: C10-H14-O2
SYN: 1-(3-FURANYL)-4-METHYL-1-PENTANONE * beta-FURYL ISOAMYL KETONE * 1-(3-FURYL)-4-METHYL-1-PENTANONE * 1-PENTANONE, 1-(3-FURYL)-4-METHYL- * PERILLA KETONE * PURPLE MINT PLANT EXTRACT
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:10 mg/kg — SCIEAS 197,573,77
ipr-mus LD50:2500 ug/kg — SCIEAS 197,573,77
ivn-ctl LDLo:30 mg/kg — TXAPA9 45,300,78
ivn-dom LDLo:10 mg/kg — TXAPA9 45,300,78

SA9050000 PENTANONE, 1-(3-FURYL)-4-HYDROXY-
UPDT:8407 CAS: 32954-58-8 MW: 168.21 MOLFM: C9-H12-O3
SYN: 1-(beta-FURYL)-4-HYDROXYPENTANONE * 1-(3-FURYL)-4-HYDROXYPENTANONE * IPOMEANOL * 4-IPOMEANOL
TOXICITY DATA AND REFERENCES:
1F30 ipr-rat LD50:17 mg/kg — TXCYAC 19,85,81
3H30J16J17 orl-mus LD50:38 mg/kg — BBACAQ 337,184,74
2J02J25 ipr-mus LD50:11 mg/kg — TXAPA9 66,193,82
3H30J16J17 ivn-mus LD50:21 mg/kg — BBACAQ 337,184,74
1F30 ipr-rbt LD50:30 mg/kg — TXCYAC 19,85,81

SA9060000 2-PENTANONE, 5-(3-FURYL)-5-HYDROXY-
UPDT:8407 CAS: 34435-70-6 MW: 168.21 MOLFM: C9-H12-O3
SYN: 5-(3-FURANYL)-5-HYDROXY-2-PENTANONE * 5-(3-FURYL)-5-HYDROXY-2-PENTANONE * IPOMEANOL * 2-PENTANONE, 5-(3-FURANYL)-5-HYDROXY- (9CI)
TOXICITY DATA AND REFERENCES:
3H30J16J17 orl-mus LD50:79 mg/kg — BBACAQ 337,184,74
3H30J16J17 ipr-mus LD50:49 mg/kg — BBACAQ 337,184,74
3H30J16J17 ivn-mus LD50:35 mg/kg — BBACAQ 337,184,74

1-PENTANONE, 1-(3-FURYL)-4-METHYL- see: SA8935000

SA9070000 2-PENTANONE, 1-(5-(3-FURYL)-2-METHYL-TETRAHYDRO-2-FURYL)-5-HYDROXY-4-METHYL-
UPDT:8305 CAS: 26767-96-4 MW: 266.37 MOLFM: C15-H22-O4
SYN: 1-(5-(3-FURYL)-2-METHYL-TETRAHYDRO-2-FURYL)-5-HYDROXY-4-METHYL-2-PENTANONE
TOXICITY DATA AND REFERENCES:
3F11F19L02 ipr-mus LD50:266 mg/kg — FCTXAV 17,353,79

SA9080000 2-PENTANONE, 1-(5-(3-FURYL)-2-METHYL-TETRAHYDRO-2-FURYL)-4-METHYL-, (2R,5S)-(-)-
UPDT:8305 CAS: 581-12-4 MW: 250.37 MOLFM: C15-H22-O3
SYN: 1-(5-(3-FURYL)TETRAHYDRO-2-METHYL-2-FURYL)-4-METHYL-2-PENTANONE, (2R,5S)-(-) * (-)-NGAIONE * cis-NGAIONE * 2-PENTANONE, 4-METHYL-1-(2,3,4,5-TETRAHYDRO-5-METHYL-(2,3'-BIFURAN)-5-YL)-, (2S-cis)- (9CI)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:350 mg/kg — AJCHAS 23,107,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SA9082000 2-PENTANONE, 1-(5-(3-FURYL)TETRAHYDRO-2-METHYL-2-FURYL)-4-METHYL-, (2S,5R)-(+)-
UPDT:8308 CAS: 494-23-5 MW: 250.37 MOLFM: C15-H22-O3
SYN: (2S,5R)-(+)-1-(5-(3-FURYL)TETRAHYDRO-2-METHYL-2-FURYL)-4-METHYL-2-PENTANONE * IPEOMEAMARON * IPOMEAMARONE * 2-PENTANONE, 4-METHYL-1-(2,3,4,5-TETRAHYDRO-5-METHYL(2,3'-BIFURAN)-5-YL)-, (2R-cis)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:50 mg/kg — 85GDA2 8(1),241,82
* ipr-mus LD50:10 mg/kg — 85GDA2 8(1),241,82

SA9090000 2-PENTANONE, 5-HYDROXY-, ACETATE
UPDT:8408 CAS: 5185-97-7 MW: 144.19 MOLFM: C7-H12-O3
SYN: ACETOPROPYL ACETATE * gamma-ACETYLPROPYL ACETATE * 3-ACETYLPROPYL ACETATE * 5-HYDROXY-2-PENTANONE ACETATE * 4-KETOVALERYL ACETATE * 4-OXOPENTYL ACETATE * 2-PENTANONE, 5-(ACETYLOXY)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6080 mg/kg — 85GMAT -,16,82

SA9100000 2-PENTANONE, 4-HYDROXY-4-METHYL-
UPDT:8408 CAS: 123-42-2 MW: 116.18 MOLFM: C6-H12-O2
SYN: DIACETONALCOHOL (Dutch) * DIACETONALCOOL (Italian) * DIACETONALKOHOL (German) * DIACETONE ALCOHOL * DIACETONE ALCOHOL (DOT) * DIACETONE-ALCOOL (French) * DIKETONE ALCOHOL * 4-HYDROXY-2-KETO-4-METHYLPENTANE * 4-HYDROXY-4-METHYL-2-PENTANONE * 4-HYDROXY-4-METHYL-PENTAN-2-ON (German, Dutch) * 4-HYDROXY-4-METHYL PENTAN-2-ONE * 4-IDROSSI-4-METIL-PENTAN-2-ONE (Italian) * 2-METHYL-2-PENTANOL-4-ONE * PYRANTON * TYRANTON * UN 1148 (DOT)
IRRITATION DATA AND REFERENCES:
eye-hmn 100 ppm/15M JIHTAB 28,262,46
skn-rbt 10 mg/24H open JIHTAB 30,63,48
skn-rbt 500 mg open MLD UCDS** 6/29/59
eye-rbt 5 mg SEV AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4000 mg/kg JIHTAB 30,63,48
1F02 orl-mus LD50:3950 mg/kg JAPMAB 45,669,56
ipr-mus LD50:933 mg/kg SCCUR* -,3,61
REVIEW AND REFERENCES:
★ TLV-TWA 50 ppm; STEL 75 ppm DTLVS* 4,120,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ppm (SCP-E) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO KETONES recm std-air:TWA 240 mg/m3 NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1402
REPORTED IN EPA TSCA INVENTORY, 1983

SA9105400 2-PENTANONE, 4-HYDROXY-4-METHYL-, PEROXIDE, not more than 57% in solution
UPDT:8401 CAS: 54693-46-8
SYN: DIACETONE ALCOHOL PEROXIDE, not more than 57% in solution (DOT) * UN 2163 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SA9105500 2-PENTANONE, 4-HYDROXY-4-METHYL-, PEROXIDE, more than 57% in solution
UPDT:8308 CAS: 54693-46-8
SYN: DIACETONE ALCOHOL PEROXIDE, more than 57% in solution (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SA9105550 2-PENTANONE, 4-METHYL-, PEROXIDE, with not more than 9% by weight active OXYGEN
UPDT:8401 CAS: 37206-20-5
SYN: ISOBUTYL METHYL KETONE PEROXIDE * METHYL ISOBUTYL KETONE PEROXIDE, with not more than 9% by weight active OXYGEN (DOT) * TRIGONOX HM 80 * UN 2126 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SA9105600 2-PENTANONE, 4-METHYL-, PEROXIDE, with more than 9% by weight active OXYGEN
UPDT:8308 CAS: 37206-20-5
SYN: METHYL ISOBUTYL KETONE PEROXIDE, with more than 9% by weight active OXYGEN (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SA9185000 2-PENTANONE, 4-METHOXY-4-METHYL-
UPDT:8312 CAS: 107-70-0 MW: 130.21 MOLFM: C7-H14-O2
SYN: 4-METHOXY-4-METHYL-2-PENTANONE * 4-METHOXY-4-METHYLPENTAN-2-ONE (DOT) * UN 2293 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:3000 mg/kg SCCUR* -,6,61
orl-mus LD50:2050 mg/kg SCCUR* -,6,61
ihl-mus LCLo:2280 ppm/15H SCCUR* -,6,61
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SA9275000 2-PENTANONE, 4-METHYL-
UPDT:8412 CAS: 108-10-1 MW: 100.18 MOLFM: C6-H12-O
SYN: HEXON (Czech) * HEXONE * ISOBUTYL-METHYLKETON (Czech) * ISOBUTYL METHYL KETONE * ISOPROPYLACETONE * KETONE, ISOBUTYL METHYL * METHYL-ISOBUTYL-CETONE (French) * METHYLISOBUTYLKETON (Dutch, German) * METHYL ISOBUTYL KETONE * METHYL ISOBUTYL KETONE (DOT) * METYLOIZOBUTYLOKETON (Polish) * 4-METHYL-PENTAN-2-ON (Dutch, German) * 2-METHYL-4-PENTANONE * 4-METHYL-2-PENTANON (Czech) * 4-METHYL-2-PENTANONE * METILISOBUTILCHETONE (Italian) * 4-METILPENTAN-2-ONE (Italian) * MIBK * MIK * RCRA WASTE NUMBER U161 * SHELL MIBK * UN 1245 (DOT)
IRRITATION DATA AND REFERENCES:
eye-hmn 200 ppm/15M JIHTAB 28,262,46
skn-rbt 500 mg/24H MOD 28ZPAK -,42,72
eye-rbt 40 mg SEV UCDS** 4/25/58
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2080 mg/kg UCDS** 4/25/58
* ihl-rat LCLo:4000 ppm/4H AMIHBC 4,119,51
* ihl-mus LC50:23300 mg/m3 GTPZAB 17(10),51,73
ipr-mus LD50:268 mg/kg SCCUR* -,7,61
REVIEW AND REFERENCES:
★ TLV-TWA 50 ppm; STEL 75 ppm DTLVS* 4,283,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm (SCP-A) FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO KETONES recm std-air:TWA 200 mg/m3 NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1300
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

SA9350000 2-PENTANONE, 4-METHYL-4-(N-NITROSOMETHYLAMINO)-
UPDT:8401 CAS: 16339-21-2 MW: 158.23 MOLFM: C7-H14-N2-O2
SYN: METHYL-1,1-DIMETHYLBUTANON(3)-NITROSAMIN (German) * 2-METHYLNITROSAMINO-2-METHYLPENTANON(4) (German) * 4-METHYL-4-N-NITROSOMETHYLAMINO)-2-PENTANONE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:16 gm/kg/89W-C ZEKBAI 69,103,67
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2100 mg/kg ZEKBAI 69,103,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-PENTANONE, 1-(4-METHYLPHENYL)-2-(1-PYRROLIDINYL)-, HYDROCHLORIDE see: YV9100000
2-PENTANONE, 4-METHYL-1-(2,3,4,5-TETRAHYDRO-5-METHYL(2,3'-BIFURAN)-5-YL)-, (2R-cis)- (9CI) see: SA9082000
2-PENTANONE, 4-METHYL-1-(2,3,4,5-TETRAHYDRO-5-METHYL-(2,3'-BIFURAN)-5-YL)-, (2S-cis)- (9CI) see: SA9080000

SB0100000 1-PENTANONE, 1,1'-(9H-THIOXANTHENE-2,7-DIYL)BIS(5-(DIETHYLAMINO)-, DIHYDROCHLORIDE
UPDT:8309 CAS: 37771-09-8 MW: 581.75 MOLFM: C31-H44-N2-O2-S 2Cl-H
SYN: 1,1'-(9H-THIOXANTHENE-2,7-DIYL)BIS(5-(DIETHYLAMINO)-1-PENTANONE) DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:250 mg/kg JMCMAR 19,1142,76

SB0177000 1-PENTANONE, 1,1'-(9H-XANTHENE-2,7-DIYL)BIS(5-(DIMETHYLAMINO)-
UPDT:8309 CAS: 37972-03-5 MW: 436.65 MOLFM: C27-H36-N2-O3
SYN: 1,1'-(9H-XANTHENE-2,7-DIYL)BIS(5-(DIMETHYLAMINO)-1-PENTANONE)
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:250 mg/kg JMCMAR 19,1142,76

PENTANTIN see: NS5950000
PENTANYL see: UE5550000
PENTANYL see: UE5600000

SB0200000 1,4,7,10,13-PENTAOXACYCLOPENTADECANE
UPDT:8406 CAS: 33100-27-5 MW: 220.30 MOLFM: C10-H20-O5
SYN: 15-CROWN-5
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1020 mg/kg TXAPA9 44,263,78
3F11F17R21 ipr-mus LD50:850 mg/kg CUSCAM 48,682,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SB0300000 5,8,11,14,17-PENTAOXAHENEICOSANE
UPDT:8307 CAS: 112-98-1 MW: 306.50 MOLFM: C16-H34-O5
SYN: ETHYLENE GLYCOL, DIBUTOXYTETRA * TETRAETHYLENE GLYCOL, DIBUTYL ETHER
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6500 mg/kg AMIHBC 4,119,51
* ivn-mus LD50:320 mg/kg CSLNX* NX#03906
* skn-rbt LD50:10 gm/kg AMIHBC 4,119,51

SB0350000 3,6,9,12,15-PENTAOXAHEPTADECANE
UPDT:8307 CAS: 4353-28-0 MW: 250.38 MOLFM: C12-H26-O5
SYN: DIETHOXYTETRAETHYLENE GLYCOL * ETHER, BIS(2-(2-ETHOXYETHOXY)ETHYL) * TETRAETHYLENE GLYCOL DIETHYL ETHER * GLYCOL, DIETHOXYTETRAETHYLENE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4290 mg/kg AIHAAP 30,470,69
* skn-rbt LD50:6350 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SB0400000 2,5,8,11,14-PENTAOXAPENTADECANE
UPDT:8405 CAS: 143-24-8 MW: 222.32 MOLFM: C10-H22-O5
SYN: ANSUL ETHER 181AT * BIS(2-METHOXYETHYL)ETHER * BIS(2-(2-METHOXYETHOXY)ETHYL) ETHER * DIMETHOXYTETRAETHYLENE GLYCOL * DIMETHOXYTETRAGLYCOL * ETHER, BIS(2-(2-METHOXYETHOXY)ETHYL) * TETRAETHYLENE GLYCOL DIMETHYL ETHER * TETRAGLYME
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg AJOPAA 29,1363,46
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T23T24 ihl-rat TCLo:1000 ppm/7H (5D male) TXAPA9 70,303,83
1T01 ihl-mus TCLo:1000 ppm/7H (5D male) TXAPA9 70,303,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5140 mg/kg JIHTAB 23,259,41
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SB0420000 3,10,22,23,24-PENTAOXA-17-THIATETRACYCLO(17.2.1.1(sup 5,8).1(sup 12,15))TETRACOSA- 5,7,12,14,19,21-HEXAENE-2,11-DIONE
UPDT:8303 CAS: 73823-25-3 MW: 374.38 MOLFM: C18-H14-O7-S
SYN: 2-FUROIC ACID, 5,5'-THIODIMETHYLENE-, CYCLIC ESTER with 2,5-FURANDIMETHANOL
MUTATION DATA AND REFERENCES:
mmo-esc 25 mmol/plate BZARAZ 32,1146,79

PENTAPHEN see: SM6825000
PENTAPHENATE see: SM6490000
PENTAPHENE HYDROCHLORIDE see: GY3870000

SB0590000 PENTAPTERYGIUM SERPENS Klotz., extract
DEF:Indian plant belonging to the family ERICACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: KHURASANI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

PENTAPYRROLIDIUM BITARTRATE see: UY4900000
PENTASODIUM COLISTINMETHANESULFONATE see: GH1650000
PENTASODIUM DIETHYLENETRIAMINEPENTAACETATE see: MB8222500
PENTASODIUM TRIPHOSPHATE see: YK4900000
PENTASOL see: SM6300000
PENTASOL see: SB9800000
PENTASULFURE DE PHOSPHORE (French) see: TH4375000
PENTAVALENT SODIUM ANTIMONYL GLUCONATE see: CC7930000
PENTAZOCINE see: PB8750000
PENTAZOL see: XF8225000
PENTAZOLUM see: XF8225000
PENTECH see: KJ3325000
PENTEK see: RZ2490000
PENTEMESAN see: XF8225000

SB1925000 2-PENTENAL, 4,5-EPOXY-
UPDT:8307 CAS: 64011-46-7 MW: 98.11 MOLFM: C5-H6-O2
SYN: 4,5-EPOXY-2-PENTENAL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:62 mg/kg TXAPA9 28,313,74
* ihl-rat LCLo:600 ppm/4H TXAPA9 28,313,74
* skn-rbt LD50:40 mg/kg TXAPA9 28,313,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SB2100000 2-PENTENAL, 2-METHYL-
UPDT:8407 CAS: 623-36-9 MW: 98.16 MOLFM: C6-H10-O
SYN: 2-METHYL-2-PENTEN-1-AL * 2-METHYL-2-PENTENE-1-AL
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 20 mg open SEV AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4290 mg/kg AMIHBC 10,61,54
* ihl-rat LC50:2000 ppm/4H AMIHBC 10,61,54
* skn-rbt LD50:4500 mg/kg AMIHBC 10,61,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SB2127000 4-PENTENAMIDE, 2-ALLYL-2-PHENYL-
UPDT:8407 MW: 215.32 MOLFM: C14-H17-N-O
SYN: 2-ALLYL-2-PHENYL-4-PENTENAMIDE * PHENYLDIALLYLACETAMIDE (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:270 mg/kg FRPSAX 21,394,66

SB2145000 4-PENTENAMIDE, 2,2-DIETHYL-
UPDT:8310 CAS: 512-48-1 MW: 155.27 MOLFM: C9-H17-N-O
SYN: DIAETHYLALLYLACETAMIDE (German) * EPINOVAL * NOVONAL
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:300 mg/kg DMWOAX 102,1591,77
3F23G04J25 orl-hmn TDLo:100 mg/kg DMWOAX 102,1591,77
orl-rat LD50:400 mg/kg DMWOAX 102,1591,77
2F19J25 ipr-rat LD50:217 mg/kg ITMZBJ 17,305,80
orl-dog LD50:300 mg/kg DMWOAX 102,1591,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SB2179000 PENTENE
CAS: 25377-72-4 MW: 70.15 MOLFM: C5-H10
SYN: AMYLENE * AMYLENE, normal (DOT) * PENTYLENE * UN 1108 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SB2200000 1-PENTENE, 5-FLUORO-
UPDT:8403 CAS: 407-79-4 MW: 88.14 MOLFM: C5-H9-F
SYN: 5-FLUORO-1-PENTENE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:5400 ug/kg JACSAT 79,2311,57

PENTENE, 2-METHYL- (9CI) see: NR2975800

SB2230000 1-PENTENE, 2-METHYL-
UPDT:8406 CAS: 763-29-1 MW: 84.18 MOLFM: C6-H12
SYN: 2-METHYLPENTENE
TOXICITY DATA AND REFERENCES:
2F01J25 ihl-rat LC50:115 gm/m3/2H RPTOAN 31,162,68
2F01J25 ihl-mus LC50:127 gm/m3/3H RPTOAN 31,162,68
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SB2240000 2-PENTENE, 2-METHYL-
UPDT:8406 MW: 84.18 MOLFM: C6-H12
SYN: 2-METHYL-2-PENTENE * 2-METHYL-PENTENE-2
TOXICITY DATA AND REFERENCES:
2F01J25 ihl-rat LC50:114 gm/m3/2H RPTOAN 31,162,68
2F01J25 ihl-mus LC50:130 gm/m3/3H RPTOAN 31,162,68

SB2252000 1-PENTENE, 4-METHYL-1-NITRO-, (E)-
UPDT:8411 CAS: 34209-90-0 MW: 129.18 MOLFM: C6-H11-N-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:33 mg/kg CHTPBA 6,186,71

SB2270000 2-PENTENENITRILE, 2,3-BIS(p-METHOXYPHENYL)-
UPDT:8305 CAS: 53-64-5 MW: 293.39 MOLFM: C19-H19-N-O2
SYN: 2,3-BIS(p-METHOXYPHENYL)-2-PENTENENITRILE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:300 ug/kg (2-4D preg) FESTAS 15,202,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SB2715000 1-PENTENE, 2,2,4-TRIMETHYL-
UPDT:8308 CAS: 11071-47-9 MW: 112.24 MOLFM: C8-H16
SYN: ISOOCTENE * ISOOCTENE (DOT) * UN 1216 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

SB2717000 PENTENE, 2,4,4-TRIMETHYL-
UPDT:8312 CAS: 25167-70-8 MW: 112.24 MOLFM: C8-H16
SYN: DIISOBUTENE * DIISOBUTYLENE * DIISOBUTYLENE (DOT) * 2,4,4-TRIMETHYL PENTENE * UN 2050 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SB2800000 4-PENTENOIC ACID
UPDT:8305 CAS: 591-80-0 MW: 100.13 MOLFM: C5-H8-O2
SYN: ALLYLACETIC ACID
TOXICITY DATA AND REFERENCES:
2F07F12 orl-rat LD50:470 mg/kg FCTXAV 2,327,64
1F07 orl-mus LD50:610 mg/kg FCTXAV 2,327,64
ipr-mus LD50:315 mg/kg JPPMAB 21,85,69
scu-mus LD50:315 mg/kg JPPMAB 21,85,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SB2890000 4-PENTENOIC ACID, 2-ALLYL-
UPDT:8305 CAS: 99-67-2 MW: 140.20 MOLFM: C8-H12-O2
SYN: DIALLYL-ACETIC ACID
TOXICITY DATA AND REFERENCES:
2F07U01 orl-rat LD50:570 mg/kg FCTXAV 2,327,64
ivn-rat LD50:630 mg/kg FEPRA7 8,299,49

SB3080000 3-PENTENOIC ACID, 2-HYDROXY-2-ISOPROPYL-, 3-QUINUCLIDINYL ESTER
UPDT:8407 MW: 267.41 MOLFM: C15-H25-N-O3
SYN: 2-HYDROXY-2-ISOPROPYL-3-PENTENOIC ACID 3-QUINUCLIDINYL ESTER * 3-QUINUCLIDYL ISOPROPYL(cis-1-PROPENTYL)GLYCOLATE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:71 mg/kg CSLNX* NX#11567

3-PENTENOIC ACID, 4-HYDROXY-, gamma-LACTONE see: LU5075000

1-PENTEN-3-OL, 1-(1,3-BENZODIOXOL-5-YL)-4,4-DIMETHYL- see: SB3393000

SB3393000 1-PENTEN-3-OL, 4,4-DIMETHYL-1-(3,4-METHYLENEDIOXYPHENYL)-
UPDT:8412 CAS: 49763-96-4 MW: 234.32 MOLFM: C14-H18-O3
SYN: BCX 2600 * 4,4-DIMETHYL-1-(3,4-METHYLENEDIOXYPHENYL)-1-PENTEN-3-OL * 1-PENTEN-3-OL, 1-(1,3-BENZODIOXOL-5-YL)-4,4-DIMETHYL- * STIRIPENTOL
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1250 mg/kg EJMCA5 13,41,78
1F02 ivn-mus LD50:72 mg/kg ARZNAD 34,199,84

SB3400000 2-PENTEN-1-OL, 5-(2,3-DIMETHYLTRICYCLO(2.2.1.0(sup 2,6))HEPT-3-YL)-2-METHYL-
UPDT:8305 CAS: 115-71-9 MW: 220.39 MOLFM: C15-H24-O
SYN: OIL of SANDALWOOD, EAST INDIAN * SANDALWOOD OIL, EAST INDIAN * SANTALOL A * alpha-SANTALOL
IRRITATION DATA AND REFERENCES:
skn-mus 100% MLD FCTXAV 12,989,74
skn-rbt 500 mg/24H FCTXAV 12,989,74
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3800 mg/kg FCTXAV 12,991,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SB3495000 1-PENTEN-3-OL, 3-METHYL-
UPDT:8406 CAS: 918-85-4 MW: 100.18 MOLFM: C6-H12-O
SYN: 3-METHYL-PENTEN-(1)-OL-(3) (German) * 3-METHYL-1-PENTEN-3-OL
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1152 mg/kg ARZNAD 4,477,54
scu-mus LD50:1160 mg/kg ARZNAD 5,161,55
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SB3500000 2-PENTEN-1-OL, 2-METHYL-
UPDT:8307 CAS: 1610-29-3 MW: 100.18 MOLFM: C6-H12-O
SYN: 2-METHYL-2-PENTENE-1-OL * 2-METHYL-2-PENTEN-1-OL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4920 mg/kg AMIHBC 10,61,54
skn-rbt LD50:3000 mg/kg AMIHBC 10,61,54

SB3850000 3-PENTEN-2-ONE
UPDT:8407 CAS: 625-33-2 MW: 84.13 MOLFM: C5-H8-O
SYN: ETHYLIDENE ACETONE * METHYL PROPENYL KETONE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 30,63,48
eye-rbt 500 mg open JIHTAB 30,63,48
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3200 mg/kg JIHTAB 30,63,48
ihl-rat LCLo:250 ppm/4H JIHTAB 31,343,49
skn-rbt LD50:500 mg/kg JIHTAB 30,63,48
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SB3927000 1-PENTEN-3-ONE, 1-(m-(HYDROXYMETHYL)PHENYL)-
UPDT:8305 CAS: 104-27-8 MW: 190.26 MOLFM: C12-H14-O2
SYN: 1-(4-METHOXYPHENYL)-1-PENTEN-3-ONE * alpha-METHYLANISALACETONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 17,863,79

SB4200000 3-PENTEN-2-ONE, 4-METHYL-
UPDT:8408 CAS: 141-79-7 MW: 98.16 MOLFM: C6-H10-O
SYN: ACETONE, ISOPROPYLIDENE- * ISOBUTENYL METHYL KETONE * ISOPROPYLIDENEACETONE * MESITYLOXID (German) * MESITYL OXIDE * MESITYL OXIDE (DOT) * MESITYLOXYDE (Dutch) * METHYL ISOBUTENYL KETONE * 4-METHYL-3-PENTEN-2-ON (Dutch, German) * 4-METHYL-3-PENTENE-2-ONE * 2-METHYL-2-PENTEN-4-ONE * 4-METHYL-3-PENTEN-2-ONE * 4-METIL-3-PENTEN-2-ONE (Italian) * MIBK * OSSIDO DI MESITILE (Italian) * OXYDE DE MESITYLE (French) * UN 1229 (DOT)
IRRITATION DATA AND REFERENCES:
eye-hmn 25 ppm/15M JIHTAB 28,262,46
skn-rbt 430 mg open MLD UCDS** 11/3/71
eye-rbt 4325 ug SEV AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
1D25 ihl-hmn TCLo:25 ppm JIHTAB 28,262,46
orl-rat LD50:1120 mg/kg WQCHM* 4,-,74
* ihl-rat LC50:9 gm/m3/4H 85GMAT -,80,82
* orl-mus LD50:710 mg/kg 85GMAT -,80,82
* ihl-mus LC50:10 gm/m3/2H 85GMAT -,80,82
ipr-mus LD50:354 mg/kg SCCUR* -,6,61
orl-rbt LD50:1000 mg/kg SHELL* -,-,71
skn-rbt LD50:5150 mg/kg NPIRI* 1,71,74
scu-rbt LDLo:840 mg/kg AEXPBL 56,346,1906
scu-frg LDLo:1400 mg/kg AEXPBL 56,346,1906
REVIEW AND REFERENCES:
★ TLV-TWA 15 ppm; STEL 25 ppm DTLVS* 4,256,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 25 ppm (SCP-B) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO KETONES recm std-air:TWA 40 mg/m3 NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1301
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SB4260000 PENTEN-3-ONE, 5-(4-(2-PYRIMIDYL)PIPERAZINYL)-1-(3,4,5-TRIMETHOXYPHENYL)-, HYDROCHLORIDE
UPDT:8407 CAS: 37151-51-2 MW: 449.00 MOLFM: C22-H28-N4-O4 Cl-H
SYN: PIPERAZINE, 1-(2-PYRIMIDYL)-4-(2-(3,4,5-TRIMETHOXYCINNAMOYL)ETHYL)-, HYDROCHLORIDE * PYRIMIDINE, 2-(4-(2-(3,4,5-TRIMETHOXYCINNAMOYL)ETHYL)PIPERAZINYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:150 mg/kg JMCMAR 15,417,72

1-(PENT-3-EN-1-ONE)-2,3,6-TRIHYDROXYBENZENE see: SB4550000

SB4400000 1-PENTEN-3-ONE, 1-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-2-METHYL-
UPDT:8403 CAS: 72117-72-7 MW: 220.39 MOLFM: C15-H24-O
SYN: alpha-CYCLOCITRYLIDENE-4-METHYLBUTAN-3-ONE * DIMETHYLIONONE * 1,3-DIMETHYL-alpha-IONONE
IRRITATION DATA AND REFERENCES:
skr ' 500 mg/24H MOD FCTXAV 16,717,78

SB4450000 2-PENTENONITRILE, 2,3-BIS(p-METHOXYPHENYL)-
UPDT:8306 MW: 293.39 MOLFM: C19-H19-N-O2
SYN: 2,3-BIS(4-METHOXYPHENYL)PENT-2-ENENITRILE * 2,3-BIS(p-METHOXYPHENYL)-2-PENTENONITRILE * SC-3296
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T22T26 orl-rat TDLo:500 ug/kg (1D preg) STEDAM 4,657,64
1T24 scu-rat TDLo:420 ug/kg (1-7D preg) PSEBAA 131,1326,69
1T29 scu-rat TDLo:80 ug/kg (1D preg) PSEBAA 131,1326,69
2T22T26 par-rat TDLo:5 mg/kg (1D preg) STEDAM 4,657,64
1T24 scu-rbt TDLo:350 ug/kg (1-7D preg) PSEBAA 131,1326,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SB4550000 3-PENTENOPHENONE, 2',3',6'-TRIHYDROXY-
UPDT:8305 CAS: 6826-42-2 MW: 208.23 MOLFM: C11-H12-O4
SYN: MALTORYZINE * 1-(PENT-3-EN-1-ONE)-2,3,6-TRIHYDROXYBENZENE
TOXICITY DATA AND REFERENCES:
1C08 ipr-mus LD50:3 mg/kg FCTXAV 1,309,63

SB4725000 1-PENTEN-4-YN-3-OL, 1-CHLORO-3-ETHYL-
UPDT:8411 CAS: 113-18-8 MW: 144.61 MOLFM: C7-H9-Cl-O
SYN: A 71 * AETHYL-CHLORVYNOL * ALVINOL * ARVYNOL * 1-CHLORO-3-ETHYL-1-PENTEN-4-YN-3-OL * beta-CHLOROVINYL ETHYL ETHYNYL CARBINOL * 3-(beta-CHLOROVINYL)-1-PENTYN-3-OL * ETCHLORVINOLO * ETHCHLORVINYL * ETHCLORVYNOL * ETHCHLOROVYNOL * ETHOCHLORVYNOL * ETHYCHLORVYNOL * ETHYL beta-CHLOROVINYL ETHYNYL CARBINOL * NORMONSON * NORMOSAN * NORMOSON * NOSTEL * PLACIDIL * PLACIDYL * ROERIDORM * SERENIL * SERENSIL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T74T84 unk-wmn TDLo:643 mg/kg (26-39W preg) PEDIAU 52,714,73
2T81T83 orl-rat TDLo:1680 mg/kg (1-21D preg) EVHPAZ 21,85,77
2T53T85 orl-rat TDLo:400 mg/kg (1-20D preg) EESADV 5,494,81

TOXICITY DATA AND REFERENCES:
1F01 orl-wmn TDLo:10 mg/kg BMJOAE 2,1610,62
1P17 orl-wmn TDLo:15 mg/kg/2D AIMEAS 77,73,72
scu-rat LD50:200 mg/kg 27ZQAG -,420,72
orl-mus LD50:290 mg/kg JPETAB 114,326,55
ipr-mus LD50:275 mg/kg 27ZQAG -,420,72
scu-mus LD50:240 mg/kg JPETAB 114,326,55
ivn-dog LD50:55 mg/kg 27ZQAG -,420,72
orl-bwd LD50:42 mg/kg TXAPA9 21,315,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLCHAU 19,361,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SB4960000 2-PENTEN-4-YN-1-OL, 3-METHYL-
UPDT:8312 MW: 96.14 MOLFM: C6-H8-O
SYN: 3-METHYL-2-PENTEN-4-YN-1-OL * 1-PENTOL (DOT) * UN 2705 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83

PENTESTAN-80 see: RZ2620000
PENTETRATE UNICELLES see: RZ2620000
PENTETRAZOL see: XF8225000
PENTETRAZOLE see: XF8225000
PENTHAMIL see: MB8205000
PENTHAZINE see: SN5075000
PENTHIENATE see: BP7525000
PENTHIENATE BROMIDE see: BP7525000
PENTHIOBARBITAL see: CQ6300000
PENTHIOBARBITAL SODIUM see: CQ6475000
PENTHRANE see: KN7820000
PENTHRIT see: RZ2620000
PENTHRITE see: RZ2620000
PENTID see: XH9700000
PENTIDS see: XH9700000
PENTIFORMIC ACID see: MO5250000
PENTILEN see: AR7875000
PENTILIUM see: UY4900000
PENTIN C see: SC5075000
PENTINIMID see: WN2800000
PENTINOL see: SC4900000
PENTITRATE see: RZ2620000
PENTOBARBITAL see: CQ5775000
PENTOBARBITAL SODIUM see: CQ6125000
PENTOBARBITONE see: CQ5775000
PENTOBARBITONE SODIUM see: CQ6125000
PENTOBARBITURATE see: CQ5775000
PENTOBARBITURIC ACID see: CQ5775000
PENTOFRAN see: HO0350000
PENTOKSIL see: YR0515000
1-PENTOL (DOT) see: SB4960000
PENTOLE see: GY1000000
PENTOLINIUM BITARTRATE see: UY4900000
PENTOLINIUM TARTRATE see: UY4900000
PENTOLITE see: TY3342200
PENTOLITE, dry or containing less than 15% water (DOT) see: TY3342200
PENTOLONIUM TARTRATE see: UY4900000
PENTOMID see: BR8050000
PENTONAL see: CQ6125000
PENTONE see: CQ6125000
PENTOSTAM see: CC7930000
PENTOSTATIN see: NI2931000
PENTOTHAL see: CQ6300000
PENTOTHAL SODIUM see: CQ6475000
PENTOTHIOBARBITAL see: CQ6300000
PENTOVIS see: KG7395000
PENTOXIFYLLIN see: XH2475000
PENTOXIFYLLINE see: XH2475000
PENTOXIL see: YR0515000
PENTOXIPHYLLIUM see: XH2475000
PENTOXYL see: YR0515000
1-PENTOXY-2-METHOXY-4-PROPENYLBENZENE see: DA5350000
PENTOXYPHYLLINE see: XH2475000
PENTRAN see: KN7820000
PENTRANE see: KN7820000
PENTRATE see: RZ2620000

SB9250000 PENTRAX
DEF:Commercial preparation of coal tar shampoo which has high BENZO(a)PYRENE concentration(PHMGBN 20,1,80)
UPDT:8305
MUTATION DATA AND REFERENCES:
mmo-sat 5 mg/plate PHMGBN 20,1,80
mma-sat 5 mg/plate PHMGBN 20,1,80

PENTRAZOL see: XF8225000
PENTREX see: XH8350000
PENTREXL see: XH8350000
PENTRIOL see: RZ2620000
PENTRITOL see: RZ2620000
PENTROLONE see: XF8225000
PENTROZOL see: XF8225000
PENTRYATE see: RZ2620000
PENTRYATE 80 see: RZ2620000
PENTYDORM see: SC4900000
PENTYDROM see: SC4900000
PENTYL see: CQ6125000
PENTYL ACETATE see: AJ1925000
n-PENTYL ACETATE see: AJ1925000
1-PENTYL ACETATE see: AJ1925000
2-PENTYL ACETATE see: AJ2100000

SB9800000 PENTYL ALCOHOL
UPDT:8408 CAS: 71-41-0 MW: 88.17 MOLFM: C5-H12-O
SYN: ALCOOL AMYLIQUE (French) * AMYL ALCOHOL * n-AMYL ALCOHOL * n-AMYL ALCOHOL (DOT) * AMYL ALCOHOL, NORMAL * AMYLOL * n-BUTYLCARBINOL * n-AMYLALKOHOL (Czech) * PENTANOL * PENTANOL-1 * n-PENTANOL * PENTAN-1-OL * PENTASOL * PRIMARY AMYL ALCOHOL * UN 1105 (DOT)
IRRITATION DATA AND REFFRENCES:
skn-rbt 3200 mg/kg/24H SEV AIHAAP 34,493,73
skn-rbt 500 mg/24H MOD 28ZPAK -,35,72
eye-rbt 81 mg SEV AIHAAP 34,493,73
eye-rbt 20 mg/24H SEV 28ZPAK -,35,72
MUTATION DATA AND REFERENCES:
mmo-esc 7000 ppm ABMGAJ 23,843,69
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:1200 mg/kg/8W-I CNREAB 33,3069,73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2200 mg/kg SMEZA5 19(2),33,76
3F07J15M03 ihl-rat LCLo:14000 mg/m3/6H AIHAAP 34,493,73
ipr-rat LDLo:490 mg/kg AEPPAE 132,214,28
orl-mus LD50:200 mg/kg GISAAA 35(9),88,70
3F07J15M03 ihl-mus LCLo:14000 mg/m3/6H AIHAAP 34,493,73
* ivn-mus LD50:184 mg/kg AIPTAK 135,330,62
ivn-cat LDLo:15 mg/kg JPETAB 46,1,20
skn-rbt LD50:4490 mg/kg 31ZTAS -,76,68
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

sec-PENTYL ALCOHOL see: SA4900000

SC0175000 tert-PENTYL ALCOHOL
UPDT:8403 CAS: 75-85-4 MW: 88.17 MOLFM: C5-H12-O
SYN: tert-AMYL ALCOHOL * tert-AMYL ALCOHOL (DOT) * AMYLENE HYDRATE * 2-BUTANOL, 2-METHYL- * DIMETHYLETHYLCARBINOL * ETHYL DIMETHYL CARBINOL * 2-METHYL BUTANOL-2 * 2-METHYL-2-BUTANOL * 3-METHYLBUTAN-3-OL * tert-PENTANOL * UN 1105 (DOT)
MUTATION DATA AND REFERENCES:
cyt-smc 200 mmol/tube HEREAY 33,457,47
TOXICITY DATA AND REFERENCES:
unk-man LDLo:441 mg/kg 85DCAI 2,73,70
orl-rat LD50:1000 mg/kg SCIEAS 116,663,52
ipr-rat LDLo:1530 mg/kg JIHTAB 27,1,45
scu-rat LDLo:1400 mg/kg JPETAB 49,36,33
rec-rat LDLo:1400 mg/kg JPETAB 49,36,33
scu-mus LD50:2100 mg/kg ARZNAD 5,161,55
* ivn-mus LD50:610 mg/kg AIPTAK 135,330,62
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SC0220000 tert-PENTYL ALCOHOL, FORMATE
UPDT:8312 CAS: 757-88-0 MW: 116.18 MOLFM: C6-H12-O2
SYN: tert-AMYL FORMATE (DOT) * 2-BUTANOL, 2-METHYL-, FORMATE (9CI) * UN 1109 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

PENTYL ALCOHOL, NITRITE see: RA1140000
1-PENTYLALLYL ACETATE see: RH3320000

SC0350000 PENTYLAMINE (mixed isomers)
UPDT:8308
SYN: AMYLAMINE (mixed isomers) * AMYLAMINE (DOT) * UN 1106 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open SEV UCDS** 8/12/68
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:470 mg/kg AIHAAP 30,470,69
ihl-rat LCLo:2000 ppm/4H AIHAAP 30,470,69
skn-rbt LD50:1120 mg/kg AIHAAP 30,470,69
STANDARDS & REGULATIONS:
★ DOT-HAZARD: FLAMMABLE LIQUID; LABEL: FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SC0450000 PENTYLAMINE, N-BUTYL-N-NITROSO-
UPDT:8401 CAS: 16339-05-2 MW: 172.31 MOLFM: C9-H20-N2-O
SYN: BUTYLAMYLNITROSAMIN (German) * N-BUTYL-N-NITROSOAMYLAMINE * N-BUTYL-N-NITROSOPENTYLAMINE * N-BUTYL-N-PENTYLNITROSAMINE * N-NITROSO-N-BUTYLPENTYLAMINE * N-NITROSO-N-BUTYL-N-PENTYLAMINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 scu-rat TDLo:17 gm/kg/21W-I ZEKBAI 69,103,67
TOXICITY DATA AND REFERENCES:
scu-rat LD50:2500 mg/kg ZEKBAI 69,103,67
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SC0800000 PENTYLAMINE, 1,3-DIMETHYL-
UPDT:8406 CAS: 105-41-9 MW: 115.25 MOLFM: C7-H17-N
SYN: 2-AMINO-4-METHYLHEXANE * 1,3-DIMETHYLAMYLAMINE * 1,3-DIMETHYLPENTYLAMINE * FORTHANE * METHYLHEXANEAMINE * 4-METHYL-2-HEXYLAMINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:185 mg/kg 85ESA3 9,793,76

SC0879100 PENTYLAMINE, N,N-DIMETHYL-5-(3,4-(METHYLENEDIOXY)PHENOXY)-4-((3,4-(METHYLENEDIOXY)PHENOXY) METHYL)-, CITRATE
UPDT:8406 MW: 593.64 MOLFM: C22-H27-N-O6 .C6-H8-O7
SYN: 1,3-BIS-(3,4-METILENDIOSSIFENOSSI)-2-(3-DIMETILAMMINOPROPIL)PROPANO CITRATO (Italian)
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1105 mg/kg FRPSAX 32,502,77
ivn-mus LD50:112 mg/kg FRPSAX 32,502,77

SC0879200 PENTYLAMINE, 1,3-DIMETHYL-, SULFATE
UPDT:8406 MW: 213.33 MOLFM: C7-H17-N .H2-O4-S
SYN: 2-AMINO-4-METHYLHEXANE SULFATE * 1,3-DIMETHYLPENTYLAMINE SULFATE * FORTHANE SULFATE
TOXICITY DATA AND REFERENCES:
1F12 ivn-rat LD50:72500 ug/kg JAPMAB 42,107,53
1F12 ivn-mus LD50:39 mg/kg JAPMAB 42,107,53

SC1050000 PENTYLAMINE, HYDROCHLORIDE
UPDT:8408 CAS: 142-65-4 MW: 123.65 MOLFM: C5-H13-N .Cl-H
SYN: n-AMYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
scu-rat LDLo:320 mg/kg JPETAB 71,62,41
3F11F12F19 ipr-mus LD50:237 mg/kg JJPAAZ 17,475,67

SC1225000 PENTYLAMINE, N-METHYL-N-NITROSO-
UPDT:8402 CAS: 13256-07-0 MW: 130.22 MOLFM: C6-H14-N2-O
SYN: AMN * N-AMYL-N-METHYLNITROSAMINE * METHYLAMYLNITROSAMIN (German) * METHYLAMYLNITROSAMINE * METHYL-N-AMYLNITROSAMINE * N-METHYL-N-NITROSOPENTYLAMINE * METHYL-N-PENTYLNITROSAMINE * NITROSOMETHYL-n-PENTYLAMINE
MUTATION DATA AND REFERENCES:
dnr-esc 25 uL/well CBINAB 15,219,76
TUMORIGENIC DATA AND REFERENCES:
2V03K61 orl-rat TDLo:192 mg/kg/90D-C GANNA2 71,94,80
3V02K61J61 ipr-rat TDLo:50 mg/kg CNREAB 39,3644,79
3V01J60K60 scu-rat TDLo:240 mg/kg/40W-I CCLCDY 2,263,80
2V03K60 orl-rat TD :330 mg/kg/31W-C ARZNAD 19,1077,69
3V01J60K60 scu-rat TD :384 mg/kg/32W-I CCLCDY 2,263,80
2V03K60 scu-rat TD :310 mg/kg/31W-I ZEKBAI 69,103,67
TOXICITY DATA AND REFERENCES:
orl-rat LD50:120 mg/kg ZEKBAI 69,103,67

*	ipr-rat LD50:85 mg/kg	CNREA8 39,3644,79
	scu-rat LD50:120 mg/kg	ZEKBAI 69,103,67

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SC1235500 PENTYLAMINE, N-NITROSO-N-(NITROSOMETHYL)-
UPDT:8401 MW: 159.22 MOLFM: C6-H13-N3-O2
SYN: MPN * N-NITROSOMETHYLPENTYLNITROSAMINE * N-NITROSO-N-(NITROSOMETHYL)PENTYLAMINE

TUMORIGENIC DATA AND REFERENCES:

2V03K60	scu-rat TDLo:200 mg/kg/20W-I	SACAB7 25,66,81

TOXICITY DATA AND REFERENCES:

3K03L03M30	orl-rat LDLo:50 mg/kg	SACAB7 25,66,81
3K03L03M30	orl-mky LDLo:142 mg/kg	SACAB7 25,66,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PENTYLAMINE, PENTYL- see: RZ9100000

SC1400000 PENTYLAMINE, N,1,3-TRIMETHYL-
UPDT:8403 CAS: 5967-60-2 MW: 129.28 MOLFM: C8-H19-N
SYN: METHAMEXAMINE * 2-METHYLAMINO-4-METHYLHEXANE * 4-METHYL-2-HEXYL-METHYLAMINE * NAREMIDE * N,1,3-TRIMETHYLPENTANAMINE

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:120 mg/kg	JPETAB 103,325,51

PENTYL BENZOATE see: DH6276000
n-PENTYL BENZOATE see: DH6276000
1-PENTYLBIGUANIDE HYDROCHLORIDE see: DU2090000
PENTYL BUTYRATE see: ET5956000
PENTYLCARBINOL see: MQ4025000
sec-PENTYLCARBINOL see: EL3850000
3-PENTYLCARBINOL see: EL3850000
PENTYL CHLORIDE see: RZ9865000
alpha-PENTYLCINNAMALDEHYDE see: GD6825000
alpha-PENTYL CINNAMYL ACETATE see: GE2350000
6-n-PENTYL-m-CRESOL see: GP3100000
3-PENTYL-CYCLOBUTANECARBOXYLIC ACID see: GU1360000
4-n-PENTYLCYCLOHEXANOL see: GW0680000
PENTYLCYCLOPENTANONEPROPANONE see: GY5157000
PENTYLDICHLOROARSINE see: CG7700000
PENTYLDICYANOARSINE see: CG7875000
4-PENTYL-3-(2,4-DIMETHYL-5-CARBOETHOXYPYRROLYL-3)-PYRAZOLONE-5 see: UX9359900
PENTYLENE see: SB2179000
PENTYLENETETRAZOL see: XF8225000
PENTYLENETETRAZOLE see: XF8225000
DL-N-PENTYLEPHEDRINE HYDROCHLORIDE see: DP0610000
PENTYL FORMATE see: LQ9370000
m-PENTYL FORMATE see: LQ9370000
PENTYLFORMIC ACID see: MO5250000
2-PENTYLHEPTANOIC ACID 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER DIHYDROCHLORIDE see: MJ2299000
2-((1-PENTYLHEPTYL)AMINO)ETHANOL HYDROCHLORIDE see: KL9920000 ETHANOL, 2-((1-PENTYLHEPTYL)AMINO)-, HYDROCHLORIDE
n-PENTYLHYDRAZINE HYDROCHLORIDE see: MV8350000

SC3067000 tert-PENTYL HYDROPEROXIDE
UPDT:8408 CAS: 3425-61-4 MW: 104.17 MOLFM: C5-H12-O2
SYN: t-AMYL HYDROPEROXIDE * tert-AMYL HYDROPEROXIDE * 1,1-DIMETHYLPROPYL HYDROPEROXIDE * HYDROPEROXIDE, 1,1-DIMETHYLPROPYL (9CI)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:863 mg/kg	85GMAT -,21,82
*	ipr-rat LD50:250 mg/kg	FATOAO 40,369,77
*	orl-mus LD50:450 mg/kg	85GMAT -,21,82
*	ipr-mus LD50:275 mg/kg	85GMAT -,21,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PENTYL p-HYDROXYBENZOATE see: DH2555000
N-PENTYL-N-(4-HYDROXYBUTYL)NITROSAMINE see: EL6130000
2-PENTYLIDENECYCLOHEXANONE see: GW1966000
N-PENTYL-IMIDODICARBONIMIDIC DIAMIDE MONOHYDROCHLORIDE (9CI) see: DU2090000
PENTYL IODIDE see: SA2975600 PENTANE, 1-IODO-
n-PENTYL IODIDE see: SA2975600 PENTANE, 1-IODO-
1-PENTYL IODIDE see: SA2975600 PENTANE, 1-IODO-
PENTYL MERCAPTAN see: SA3150000
2-PENTYL-3-METHYL-2-CYCLOPENTEN-1-ONE see: GY7302000
PENTYL NITRITE see: RA1140000
1-PENTYL-3-NITRO-1-NITROSOGUANIDINE see: MF4630000
n-PENTYLNITROSOUREA see: YT9720000
4-PENTYLOXYBENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DD4120000
o-(PENTYLOXY)CARBANILIC ACID 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER CARBANILIC ACID see: FD9778050 CARBANILIC ACID, o-(PENTYLOXY)-, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)PROPYL ESTER,HYDROCHLORIDE
m-(PENTYLOXY)CARBANILIC ACID 1-METHYL-2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE see: FD9778100
o-PENTYLOXYCARBANILIC ACID 2-PIPERIDINOETHYL ESTER HYDROCHLORIDE see: FD9778300
m-(PENTYLOXY)CARBANILIC ACID 2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE see: FD9778400
o-(PENTYLOXY)CARBANILIC ACID 3-PIPERIDINOPROPYL ESTER HYDROCHLORIDE see: FD9778450CARBANILIC ACID, o-(PENTYLOXY)-, 3-PIPERIDINOPROPYL ESTER, HYDROCHLORIDE
o-(PENTYLOXY)CARBANILIC ACID 3-(1-PYRROLIDINYL)PROPYL ESTER HYDROCHLORIDE see: FD9778520CARBANILIC ACID, o-(PENTYLOXY)-, 3-(1-PYRROLIDINYL)PROPYL ESTER, HYDROCHLORIDE
N-(2-(2-PENTYLOXYPHENYLCARBAMOYLOXY)ETHYL)PIPERIDINIUM CHLORIDE see: FD9778300
3-(PENTYLOXY)-5-PHENYL-as-TRIAZINE see: XZ0401000
1-(tert-PENTYLOXY)-2,2,2-TRICHLOROETHANOL see: KL9950000
1-PENTYL-6-(p-(1-PENTYL-6-QUINOLINIOCARBAMOYL)PHENOXYACETAMIDO)QUINOLINIUM DITOSYLATE see: VC3968400
p-t-PENTYLPHENOL see: SM6825000
m-(3-PENTYL)PHENYL N-METHYL-N-NITROSOCARBAMATE see: FC6612000
4-PENTYL-1-PHENYL-3,5-PYRAZOLIDINEDIONE see: UQ8667000
3-PENTYLPYRAZOLE see: UQ7900000
4'-(PENTYLSELENO)-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE see: UH4400300
1-(PENTYLSULFONYL)AZIRIDINE see: CM8325000
4-(PENTYLSULFONYL)-4-PHENYL-1-(p-TOLYLSULFONYL)PIPERIDINE see: TN2252000
6-(PENTYLTHIO)PURINE see: UO9053000
5-PENTYL-as-TRIAZINE-3-THIOL see: XZ1000000
PENTYLTRICHLOROSILANE see: VV4725000
PENTYLTRIMETHOXYSILANE see: VV4805000
1-PENTYL-6,6,9-TRIMETHYL-6a,7,10,10a-TETRAHYDRO-6H-DIBENZO(b,d)PYRAN-3-OL see: HP8215000
3-PENTYL-6,6,9-TRIMETHYL-6a,7,8,10a-TETRAHYDRO-6H-DIBENZO(b,d)PYRAN-1-OL see: HP8225000

SC4682000 4-PENTYN-1-AMINIUM, N,N-DIETHYL-N,3-DIMETHYL-3-HYDROXY-, IODIDE
UPDT:8311 CAS: 37029-96-2 MW: 311.24 MOLFM: C11-H22-N-O I
SYN: N,N-DIETHYL-N,3-DIMETHYL-3-HYDROXY-4-PENTYN-1-AMINIUM IODIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:2000 mg/kg	EJMCA5 9,59,74

SC4684000 4-PENTYN-1-AMINIUM, 5-(1-HYDROXYCYCLOHEXYL)-N,N,N-TRIETHYL-, IODIDE
UPDT:8311 CAS: 53310-23-9 MW: 393.40 MOLFM: C17-H32-N-O I
SYN: 5-(1-HYDROXYCYCLOHEXYL)-N,N,N-TRIETHYL-4-PENTYN-1-AMINIUM IODIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LDLo:2000 mg/kg	EJMCA5 9,59,74
*	ivn-mus LD50:32 mg/kg	EJMCA5 9,59,74

SC4685000 4-PENTYN-1-AMINIUM, 3-HYDROXY-3-METHYL-5-PHENYL-N,N,N-TRIETHYL-, IODIDE
UPDT:8311 CAS: 37029-98-4 MW: 401.37 MOLFM: C18-H28-N-O I
SYN: 3-HYDROXY-3-METHYL-5-PHENYL-N,N,N-TRIETHYL-4-PENTYN-1-AMINIUM IODIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LDLo:2000 mg/kg	EJMCA5 9,59,74

SC4751050 4-PENTYNOIC ACID, 2-AMINO-3-HYDROXY-, (2S,3R)-
UPDT:8303 CAS: 64918-85-0 MW: 129.13 MOLFM: C5-H7-N-O3
SYN: 2(S),3(R)-2-AMINO-3-HYDROXYPENT-4-YNOIC ACID

TOXICITY DATA AND REFERENCES:

3F15F17F18	orl-ckn LD50:150 mg/kg	PYTCAS 16,1757,77

SC4800000 1-PENTYN-3-OL, 1-BROMO-3-METHYL-
UPDT:8305 CAS: 2028-52-6 MW: 177.06 MOLFM: C6-H9-Br-O
SYN: BASON * BROMOACETYLENYLETHYLMETHYLCARBINOL * 1-BROMO-3-ETHYL-1-BUTYN-3-OL * 2-BROMOETHYNYL-2-BUTANOL * BROMOETHYNYLETHYLMETHYLCARBINOL * 1-BROMO-3-METHYLPENTIN-3-OL * 1-BROMO-3-METHYL-1-PENTYN-3-OL

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:720 mg/kg	85ESA3 9,183,76
*	ipr-mus LD50:725 mg/kg	AIPTAK 112,463,57

SC4855400 1-PENTYN-3-OL, 5-(DIETHYLAMINO)-3-METHYL-, HYDROCHLORIDE
UPDT:8311 CAS: 37029-90-6 MW: 205.76 MOLFM: C10-H19-N-O Cl-H
SYN: 5-(DIETHYLAMINO)-3-METHYL-1-PENTYN-3-OL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1450 mg/kg	EJMCA5 9,59,74

SC4857000 1-PENTYN-3-OL, 3-ETHYL-
UPDT:8406 CAS: 6285-06-9 MW: 112.19 MOLFM: C7-H12-O
SYN: 3-AETHYL-PENTIN-(1)-OL-(3) (German) * DIETHYLETHYNYLCARBINOL * 3-ETHYL-1-PENTYN-3-OL

TOXICITY DATA AND REFERENCES:

	scu-mus LD50:230 mg/kg	ARZNAD 5,161,55

SC4900000 1-PENTYN-3-OL, 3-METHYL-
UPDT:8403 CAS: 77-75-8 MW: 98.16 MOLFM: C6-H10-O
SYN: 2-AETHINYLBUTANOL * ALLOTROPAL * ANIPHOR * ANTI-STRESS * APRIDOL * ATEMORIN * ATEMPOL * (BDH) * 2-BUTANOL, 2-ETHYNYL- * CITODORM * COMESA * DALGOL * DORISON * DORMALEST * DORMIDIN * DORMIGEN * DORMIPHEN * DORMISON * DORMOCIT * DORMOSAN * 2-ETHINYLBUTANOL-2 * ETHINYLMETHYLETHYLCARBINOL * 3-ETHYLBUTINOL * 3-ETHYLBUTYNOL * ETHYL ETHYNYL METHYL CARBINOL * 2-ETHYNYL-2-BUTANOL * FORMISON * HESOFEN * HEXOFEN * IMNUDORM * INSOMNOL * MACAROL * MECAROL * MELPINTOL * MEPARFYNOL * MEPENTAMATO * MEPENTIL * METHYLETHYLACETYLENYLCARBINOL * METHYLETHYLETHYNYLCARBINOL * METHYLPARAFYNOL * METHYLPENTINOL * 3-METHYLPENTIN-3-OL * METHYLPENTYNOL * 3-METHYLPENT-1-YN-3-OL * 3-METHYL-1-PENTYN-3-OL * METHYLPENTYNOLUM * METILPARAFINOLO * METILPENTINOLO * MIRAMEL * M-PENTYNOL * N-OBLIVON * NOXOKRATIN * OBLEVIL * OBLIVON * OBLIVON C * OLOSOT * OLVADON * PENTADORM * PENTINOL * PENTYDORM * PENTYDROM * PENTYREST * PERLOPAL * PLACIDAL * RIPOSON * SEDAPERCUT * SERAL * SINTYAL * SOMNESIN * SONNORMON * TRUSONO * UTIL

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:300 mg/kg	27ZKAW -,-,69
	orl-mus LD50:700 mg/kg	ARZNAD 7,85,57
*	ipr-mus LD50:625 mg/kg	AIPTAK 112,463,57
	scu-mus LD50:750 mg/kg	27ZQAG -,421,72
	orl-gpg LD50:534 mg/kg	27ZKAW -,-,69

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SC5075000 1-PENTYN-3-OL, 3-METHYL-, CARBAMATE
UPDT:8305 CAS: 302-66-9 MW: 141.19 MOLFM: C7-H11-N-O2
SYN: ANANSIOL * CALMINOL * CARBAMATE de METHYLPENTINOL (French) * CARBAMIC ACID, 1-ETHYL-1-METHYL-2-PROPYNYL ESTER * CARBAMIC ACID, 2-ETHYNYL-2-BUTYL ESTER * 3-CARBAMOYLOXY-3-METHYL-4-PENTYNE * COMESA * 1-ETHYL-1-METHYL-2-PROPYNYL CARBAMATE * 2-ETHYNYL-2-BUTYL CARBAMATE * FORMARIN * MEPARFYNOL CARBAMATE * MEPENTAMATE * MEPENTAMATO * METHYLPARAFYNOL CARBAMATE * METHYLPENTYNOL CARBAMATE * 3-METHYL-PENTIN-(1)-OL-(3) (German) * 3-METHYL-1-PENTYN-3-OL CARBAMATE * 3-MPC * N-OBLIVON * OBLIVON C * OBLIVON CARBAMATE * OLOSED * OVETTEN * PENTIN C * PLACIDAL * PLACIDAS * PSICOPLEGIL * PSICOSEDINA * TRUSONO * USAF EL-108 * VEREDEN

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:100 mg/kg	NTIS** AD277-689
	scu-mus LD50:450 mg/kg	ARZNAD 5,161,55

1-PENTYN-3-OL, 3-METHYL-, PIPERIDINEACETATE see: TM3559000
1-PENTYN-3-OL, 3-METHYL-, PIPERIDINEACETATE, HYDROCHLORIDE see: TM3562000
PENTYREST see: SC4900000
PEN VEE-K see: XH9275000
PEN-VEE-K POWDER see: XH9275000
PENVIKAL see: XH9275000
PEN-V-K POWDER see: XH9275000
PENWAR see: SM6300000
PEONY, root extract see: RT1170000
PEP see: KG5792000
PEP see: KG7400000
PEP see: SC6200000
PEP 211 see: TQ3325000

SC6030000 PEPEROMIA OBTUSIFOLIA Dietr. cv. Aurea, leaf extract
UPDT:8408

TOXICITY DATA AND REFERENCES:

*	ipr-rat LDLo:30 gm/kg	JTEHD6 1,939,76
*	orl-mus LDLo:2857 mg/kg	JTEHD6 1,939,76

PEPLEOMYCIN see: EC5991700

SC6082000 PEPLEOMYCIN SULFATE
UPDT:8401
SYN: NK 631

TUMORIGENIC DATA AND REFERENCES:

3V01M61V10	par-rat TDLo:17 mg/kg/52W-I	PAACA3 24,96,83
3V01M61V10	par-rat TD :33 mg/kg/52W-I	PAACA3 24,96,83

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:180 mg/kg	JJANAX 31,719,78
	scu-rat LD50:199 mg/kg	JJANAX 31,719,78
	ivn-rat LD50:215 mg/kg	JJANAX 31,719,78
	ipr-mus LD50:77 mg/kg	JJANAX 31,719,78
	scu-mus LD50:80 mg/kg	JJANAX 31,719,78
	ivn-mus LD50:45 mg/kg	JJANAX 31,719,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PEPPER LIGNIN see: OI6000000
PEPPERMINT CAMPHOR see: OT0350000

SC6125000 PEPPERMINT OIL
UPDT:8408 CAS: 8006-90-4

SYN: PFEFFERMINZ OEL (German)
TOXICITY DATA AND REFERENCES:
3F19F23J25 orl-rat LD50:2426 mg/kg JPMSAE 54,1071,65
ipr-rat LD50:819 mg/kg JPMSAE 54,1071,65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
PEPROSAN see: GL7020000
PEPSTATIN see: SC6155000

SC6155000 PEPSTATIN A
UPDT:8405 CAS: 26305-03-3 MW: 686.02 MOLFM: C34-H63-N5-O9
SYN: PEPSTATIN
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:875 mg/kg JANTAJ 23,259,70
* ipr-mus LD50:1090 mg/kg JANTAJ 23,259,70
* ipr-dog LD50:450 mg/kg JANTAJ 23,259,70
* ipr-rbt LD50:820 mg/kg JANTAJ 23,259,70

SC6200000 PEPTICHEMIO
UPDT:8312 CAS: 9076-25-9
SYN: PTC * PEP
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate GSLNAG 9,10,77
mma-sat 100 ug/plate GSLNAG 9,10,77
oms-bcs 10 mg/L CHTHBK 26,309,80
dns-hmn:leu 10 umol/L EJCODS 17,991,81
oms-hmn:leu 10 umol/L EJCODS 17,991,81
oms-hmn:lym 5 mg/L EJCAAH 14,741,78
cyt-hmn:lym 500 ug/L MIKSAM 29(Suppl),325,73
TOXICITY DATA AND REFERENCES:
1V30 orl-rat LD50:18800 ug/kg BCFAAI 111,216,72
ipr-rat LD50:7180 ug/kg WDMBAM 5,303,75
1V30 orl-mus LD50:20 mg/kg BCFAAI 111,216,72
ipr-mus LD50:10310 ug/kg WDMBAM 5,303,75
scu-mus LD50:13 mg/kg WDMBAM 5,303,75
ivn-mus LD50:10560 ug/kg WDMBAM 5,303,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: WDMBAM 5(3),303,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SC6202000 PEPTIDE, PINEAL
UPDT:8307
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 unk-mus TDLo:80 ug/kg (1D pre) PSEBAA 133,1254,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PER see: KX3850000
PER-ABRODIL see: UR8750000
PERACETIC ACID see: SD8750000
PERACETIC ACID see: SD8927100
PERACETIC ACID, not over 43% acid and not over 6% HYDROGEN PEROXIDE (DOT) see: SD8927000
PERAGAL ST see: TR8370000
PERAGIT see: TN2625000
PERANDREN see: XA3030000
PERANDREN see: XA3115000
PERATOX see: SM6300000
PERAWIN see: KX3850000
PERAZIL see: TL2100000
PERAZIL see: TL2275000
PERAZIL DIHYDROCHLORIDE see: TL2100000
PERAZINE see: SP1140000
PERBENZOATE DE BUTYLE TERTIAIRE (French) see: SD9450000
PERBENZOIC ACID see: SD9280000
PERBUNAN C see: EI9660000
PERBUTYL H see: EQ4900000
PERBUTYL H see: EQ4905000
PERC see: KX3850000
PERCADOX 16 see: SD9502700
PERCAIN see: GD3325000
PERCAINE see: GD3325000
PERCAINE HYDROCHLORIDE see: GD3325000
PERCA ORANGE GR see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
PERCAPYL see: OW1050000
PERCARBAMID see: YT4850000
PERCARBAMIDE see: YT4850000
PERCHLOORETHYLEEN, PER (Dutch) see: KX3850000
PERCHLOR see: KX3850000
PERCHLORAETHYLEN, PER (German) see: KX3850000
PERCHLORATE DE MAGNESIUM (French) see: SC8925000
PERCHLORATE DE SODIUM (French) see: SC9800000
PERCHLORETHYLENE see: KX3850000
PERCHLORETHYLENE, PER (French) see: KX3850000

SC7500000 PERCHLORIC ACID
UPDT:8401 CAS: 7601-90-3 MW: 100.46 MOLFM: Cl-H-O4
TOXICITY DATA AND REFERENCES:
3F13J22U26 orl-rat LD50:1100 mg/kg GTPZAB 17(8),33,73
3F13J22U26 scu-mus LD50:250 mg/kg GTPZAB 17(8),33,73
3F13J22U26 orl-dog LD50:400 mg/kg GTPZAB 17(8),33,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SC7501000 PERCHLORIC ACID, not over 50% acid (DOT)
UPDT:8312 CAS: 7601-90-3 MW: 100.46 MOLFM: Cl-H-O4
SYN: UN 1802 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:OXIDIZER AND CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SC7501100 PERCHLORIC ACID, more than 50% but not more than 72% strength (DOT)
UPDT:8401 CAS: 7601-90-3 MW: 100.46 MOLFM: Cl-H-O4
SYN: UN 1873 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER AND CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SC7501200 PERCHLORIC ACID, more than 72% strength (DOT)
UPDT:8308 CAS: 7601-90-3 MW: 100.46 MOLFM: Cl-H-O4
STANDARDS & REGULATIONS: ARD
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SC7520000 PERCHLORIC ACID, AMMONIUM SALT
UPDT:8312 CAS: 7790-98-9 MW: 117.50 MOLFM: Cl-O4 H4-N
SYN: AMMONIUM PERCHLORATE (DOT) * AMMONIUM PERCHLORATE, average particle size less than 45 microns (DOT) * UN 0402 (DOT) * UN 1442 (DOT)
TOXICITY DATA AND REFERENCES:
par-rat LDLo:3500 mg/kg RPTOAN 32,159,69
par-mus LDLo:2 gm/kg RPTOAN 32,159,69
par-rbt LDLo:750 mg/kg RPTOAN 32,159,69
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SC7550000 PERCHLORIC ACID, BARIUM SALT
UPDT:8308 CAS: 13465-95-7 MW: 336.24 MOLFM: Cl2-O8 Ba
SYN: BARIUM PERCHLORATE (DOT) * UN 1447 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Ba)/m3 DTLVS* 4,35,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Ba)/m3 (SCP-X) FEREAC 39,23540,74
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SC7600000 PERCHLORIC ACID, CALCIUM SALT
PETROL YELLOW C see: GE5925000
UPDT:8401 CAS: 13477-36-6 MW: 238.98 MOLFM: Cl2-O8 Ca
SYN: CALCIUM DIPERCHLORATE * CALCIUM PERCHLORATE * CALCIUM PERCHLORATE (DOT) * UN 1455 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
PERCHLORIC ACID, COBALT(II) SALT, HEXAHYDRATE see: GG2975000

SC7970000 PERCHLORIC ACID, ETHYL ESTER
UPDT:8308 CAS: 22750-93-2 MW: 128.52 MOLFM: C2-H5-Cl-O4
SYN: ETHYL PERCHLORATE * ETHYL PERCHLORATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

SC8100000 PERCHLORIC ACID, LEAD(2+) SALT
UPDT:8401 CAS: 13637-76-8 MW: 406.09 MOLFM: Cl2-O8 Pb
SYN: LEAD DIPERCHLORATE * LEAD PERCHLORATE * LEAD(2+) PERCHLORATE * LEAD PERCHLORATE (DOT) * UN 1469 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER AND POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
PERCHLORIC ACID, LEAD SALT, HEXAHYDRATE see: OG3160000

SC8925000 PERCHLORIC ACID, MAGNESIUM SALT
UPDT:8308 CAS: 10034-81-8 MW: 223.21 MOLFM: Cl2-O8 Mg
SYN: ANHYDRONE * DEHYDRITE * MAGNESIUM PERCHLORATE * MAGNESIUM PERCHLORATE (DOT) * PERCHLORATE DE MAGNESIUM (French) * UN 1475 (DOT)
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1500 mg/kg JAFCAU 14,512,66
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SC9275000 PERCHLORIC ACID, MANGANESE(2+) SALT, HEXAHYDRATE
UPDT:7901 CAS: 15364-94-0 MW: 361.96 MOLFM: Cl2-O8 Mn 6H2-O
SYN: MANGANESE PERCHLORATE HEXAHYDRATE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:410 mg/kg JAFCAU 14,512,66
REVIEW AND REFERENCES:
★ TLV-CL 5 mg(Mn)/m3 DTLVS* 4,250,80

SC9400000 PERCHLORIC ACID, compd. with METHYLAMINE
UPDT:8308 MW: 131.53 MOLFM: C-H5-N Cl-H-O4
SYN: METHYLAMINE PERCHLORATE, dry (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

SC9550000 PERCHLORIC ACID, NICKEL(2+) SALT, HEXAHYDRATE
UPDT:7901 CAS: 13520-61-1 MW: 365.73 MOLFM: Cl2-O8 Ni 6H2-O
SYN: NICKEL(2+) PERCHLORATE, HEXAHYDRATE
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:100 mg/kg JAFCAU 14,512,66
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Ni)/m3;STEL 300 ug(Ni)/m3 DTLVS* 4,295,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Ni)/m3 (SCP-N) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC NICKEL recm std-air:TWA 15 ug(Ni)/m3 NTIS**

SC9700000 PERCHLORIC ACID, POTASSIUM SALT (1:1)
UPDT:8405 CAS: 7778-74-7 MW: 138.55 MOLFM: Cl-O4 K
SYN: ASTRUMAL * IRENAL * IRENAT * PERIODIN * POTASSIUM HYPERCHLORIDE * POTASSIUM PERCHLORATE * POTASSIUM PERCHLORATE (DOT) * UN 1489 (DOT)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T52 orl-rat TDLo:27675 mg/kg (1-9D preg) JRPFA4 27,265,71
1T52 orl-rbt TDLo:2100 mg/kg (1-21D preg) AMASA4 23,223,67
1T52 orl-gpg TDLo:35700 mg/kg (48-68D preg) ENDOAO 60,53,57
STANDARDS & REGULATIONS:
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SC9800000 PERCHLORIC ACID, SODIUM SALT
UPDT:8308 CAS: 7601-89-0 MW: 122.44 MOLFM: Cl-O4 Na
SYN: NATRIUMPERCHLORAAT (Dutch) * NATRIUMPERCHLORAT (German) * PERCHLORATE DE SODIUM (French) * SODIO (PERCLORATO DI) (Italian) * SODIUM PERCHLORATE * SODIUM PERCHLORATE (DOT) * SODIUM (PERCHLORATE DE) (French) * UN 1502 (DOT)
MUTATION DATA AND REFERENCES:
dnr-esc 1500 pmol/plate MUREAV 21,171,73
TOXICITY DATA AND REFERENCES:
3F13J22U26 orl-rat LD50:2100 mg/kg GTPZAB 17(8),33,73
ipr-mus LD50:551 mg/kg COREAF 257,791,63
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SC9920000 PERCHLORIC ACID, STRONTIUM SALT
UPDT:8401 CAS: 13450-97-0 MW: 286.52 MOLFM: Cl2-O8 Sr

SYN: STRONTIUM DIPERCHLORATE * STRONTIUM PERCHLORATE * STRONTIUM PERCHLORATE (DOT) * UN 1508 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SC9950000 PERCHLORIC ACID, TRICHLOROMETHYL ESTER
UPDT:8308 MW: 217.81 MOLFM: C-Cl4-O4
SYN: TRICHLOROMETHYL PERCHLORATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
PERCHLORIDE of MERCURY see: OV9100000
PERCHLORMETHYLMERKAPTAN (Czech) see: PB0370000
PERCHLOROBENZENE see: DA2975000
PERCHLOROBUTADIENE see: EJ0700000
PERCHLORO-2-CYCLOBUTENE-1-ONE see: GU1850000
PERCHLOROCYCLOBUTENONE see: GU1850000
PERCHLOROCYCLOBUT-2-ENONE see: GU1850000
PERCHLORODIHOMOCUBANE see: PC8225000
PERCHLOROETHANE see: KI4025000
PERCHLOROETHYLENE see: KX3850000
PERCHLOROETHYLENE (DOT) see: KX3850000
PERFLUORO(METHYLOXIRANE) see: TZ3400000
PERFLUOROPROPYLENE OXIDE see: TZ3400000
PERCHLOROMETHANE see: FG4900000
PERCHLOROMETHYL MERCAPTAN see: PB0370000
PERCHLORO-METHYL-MERCAPTAN (DOT) see: PB0370000
PERCHLORON see: NH3485000
PERCHLOROPENTACYCLODECANE see: PC8225000
PERCHLOROPENTACYCLO(5.2.1.0(sup 2,6).0(sup 3,9).0(sup 5,8))DECANE see: PC8225000
PERCHLOROTHIOPHENE see: XN0350000
PERCHLORURE D'ANTIMOINE (French) see: CC5075000
PERCHLORURE DE FER (French) see: LJ9100000

SD1925000 PERCHLORYL FLUORIDE
UPDT:8312 CAS: 7616-94-6 MW: 102.45 MOLFM: Cl-F-O3
SYN: CHLORINE FLUORIDE OXIDE * CHLORINE OXYFLUORIDE * PERCHLORYL FLUORIDE (DOT) * UN 1955 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:2000 ppm/40M TXAPA9 27,527,74
ihl-mus LC50:630 ppm/4H PENNS*
REVIEW AND REFERENCES:
★ TLV-TWA 3 ppm; STEL 6 ppm DTLVS* 4,326,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 3 ppm (SCP-Q) FEREAC 39,23540,74
★ DOT-IMO:POISON A; LABEL:POISON GAS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
PERCHLORYL FLUORIDE (DOT) see: SD1925000
PERCIN see: NS1750000
PERCLENE see: KX3850000
PERCLENE D see: KX3850000
PERCLOROETILENE (Italian) see: KX3850000
PERCLUSON see: AB5822700
PERCLUSONE see: AB5822700
PERCOBARB see: AM4375000
PERCOCCIDE see: WP0750000
PERCOLATE see: TE2275000
PERCOMON see: SI1750000
PERCONVAL see: FH4900000
PERCORAL see: QS4375000
PERCORTEN see: HG0525000
PERCOSOLVE see: KX3850000
PERCOTOL see: HG0525000
PERCUTACRINE see: TW0175000
PERCUTACRINE ANDROGENIQUE see: XA3030000
PERCUTATRINE OESTROGENIQUE ISCOVESCO see: WJ5600000
PERCUTINA see: TU3830000
PERDIPINE see: US7972100
PEREBRAL see: OO8200000
PERECOT see: GL8050000
PEREGAL ST see: TR8370000
PEREMESIN see: TL1970000
PERENOX see: GL8050000
PEREQUIETIL see: TZ0175000
PEREQUIL see: TZ0175000
PERFECTA see: PY8030000
PERFECTHION see: TE1750000
PERFEKTHION see: TE1750000
PERFEKTION see: TE1750000
PERFENAZINA (Italian) see: TL7175000
PERFLAVON see: UO7452000
PERFLAVONE see: UO7452000
PERFLUIDONE see: PB0480000
PERFLUORIDE see: LM6290000
PERFLUOROACETIC ACID see: AJ9625000
PERFLUOROACETONE DIHYDRATE see: UC2500000 2-PROPANONE, HEXAFLUORO-, DIHYDRATE
PERFLUOROADIPIC ACID DINITRILE see: AV2800000
PERFLUOROADIPINIC ACID DINITRILE see: AV2800000
PERFLUOROADIPONITRILE see: AV2800000
PERFLUOROALLYL CHLORIDE see: UC8060000 PROPENE, 3-CHLOROPENTAFLUORO-
PERFLUOROAMMONIUM OCTANOATE see: RH0782000
PERFLUOROBUT-2-ENE see: EM8980000
PERFLUORO-2-BUTENE (DOT) see: EM8980000
PERFLUOROCAPRYLIC ACID see: RH0781000
PERFLUOROCTANOIC ACID see: RH0781000
PERFLUOROCYCLOBUTANE see: GU1779500
PERFLUORODECANOIC ACID see: HD9900000
PERFLUORO-N-DECANOIC ACID see: HD9900000
PERFLUORODIBUTYLETHER see: KN3500000
PERFLUORO-n-DIBUTYL ETHER see: KN3500000
PERFLUOROETHANE see: KI4110000
PERFLUOROETHENE see: KX4000000
PERFLUOROETHYLENE see: KX4000000
PERFLUOROGLUTARIC ACID DINITRILE see: MA5600000 GLUTARONITRILE, PERFLUORO-
PERFLUOROGLUTARONITRILE see: MA5600000 GLUTARONITRILE, PERFLUORO-
PERFLUOROHEPTANECARBOXYLIC ACID see: RH0781000
PERFLUOROHYDRAZINE see: QX0175000
PERFLUOROISOBUTYLENE see: UD1800000
PERFLUOROMETHANE see: FG4920000
PERFLUOROMETHOXYPROPIONIC ACID METHYL ESTER see: UF7772500
PERFLUOROOCTANOIC ACID see: RH0781000
PERFLUOROPROPANE see: TZ5255000
PERFLUOROPROPENE see: UD0350000
PERFLUOROPROPYLENE see: UD0350000
PERFMID see: YS4250000
PERGACID VIOLET 2B see: BQ1140000
PERGACID VIOLET 3B see: BQ1140000
PERGANTENE see: WB0350000
PERGITRAL see: RZ2620000
PERGLOTTAL see: QX2100000
PER-GLYCERIN see: OD5680000
PERGOLIDE MESYLATE see: KE6345000

SD4051000 PERGULARIA DAEMIA (Forsk.) Chiov., extract
DEF:Indian plant belonging to the family ASCLEPIADACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: JUTTUPAL EXTRACT
TOXICITY DATA AND REFERENCES:
3H30J30U26 ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

SD4051500 PERGULARIA DAEMIA (Forsk.) Chiov., extract excluding roots
DEF:Indian plant belonging to the family ASCLEPIADACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:681 mg/kg IJEBA6 18,594,80
PERHEXILINE MALEATE see: TM7068000
PERHYDRIT see: YT4850000
PERHYDROAZEPINE see: CM3150000
2-PERHYDROAZEPINONE see: CM3675000
2-PERHYDROAZOCINONE see: CN4810000
2-PERHYDROAZONINONE see: CN4830000
PERHYDROGERANIOL see: RH0900000
PERHYDROL see: MX0900000
PERHYDROL-UREA see: YT4850000
PERHYDRONAPHTHALENE see: QJ3150000
PERIACTIN see: TM7000000
PERIACTINE see: TM7000000
PERIACTIN HYDROCHLORIDE see: TM7050000
PERIACTINOL see: TM7000000
PERICLASE see: OM3850000
PERIDAMOL see: KK7450000
PERIDEX-LA see: RZ2620000
PERI-DINAPHTHALENE see: SE3794000
PERIFUNAL see: TX1410000
PERILENE see: SE3794000
PERILLA ALCOHOL see: OS8395000
PERILLA ALDEHYDE see: GW2967000

SD4381950 PERILLA FRUTESCENS (Linn.) Britt., extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 15,208,77)
UPDT:[illegible]
SYN: PERILLA OCIMOIDES Linn., extract
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T27 orl-rat TDLo:150 mg/kg (12-14D preg) IJEBA6 15,208,77
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:1 gm/kg IJEBA6 15,208,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PERILLA KETONE see: SA8935000
PERILLAL see: GW2967000
PERILLALDEHYDE see: GW2967000
1-PERILLALDEHYDE alpha-ANTIOXIME see: GW2975000
l-PERILLALDEHYDE alpha-SYN-OXIME see: GW2975000
PERILLA OCIMOIDES Linn., extract see: SD4381950 PERILLA FRUTESCENS (Linn.) Britt., extract

SD4383700 PERILLA OCIMOIDES Linn., extract excluding roots
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78
PERILLARTINE see: GW2975000
PERILLA SUGAR see: GW2975000
PERILLOL see: OS8395000
PERILLYL ALCOHOL see: OS8395000
PERILLYL ALDEHYDE see: GW2967000

SD4433000 PERIMIDINE, 2-(3,4-DIMETHOXYANILINO)-1-METHYL-
UPDT:8307 MW: 333.42 MOLFM: C20-H19-N3-O2
SYN: 2-(3,4-DIMETHOXYANILINO)-1-METHYLPERIMIDINE
TOXICITY DATA AND REFERENCES:
1F07 ipr-mus LD50:600 mg/kg PCJOAU 10,873,76
PERIODIN see: SC9700000
PERIPHERINE see: NJ1925000
PERIPHERMIN see: AB4230000
PERIPHETOL see: DN9205000

SD4725000 PERIPLOCA CALOPHYLLA Falc., extract excluding roots
DEF:Indian plant belonging to the family ASCLEPIADACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80
PERIPLOCIN see: FH4919700
PERIPLOCOSIDE see: FH4919700
PERISOXAL CITRATE see: TM9850100
PERISTIL see: VA3190000
PERISTON see: TR8370000
PERISTON-N see: TR8370000
PERITONAN see: GO7100000
PERITRATE see: RZ2620000
PERITYL see: RZ2620000
PERK see: KX3850000
PERKADOX SE 8 see: SD8430000
PERKADOX SE 10 see: HE0781500
PERKADOX 24W40 see: SD9760000
PERKE see: SI1400000
PERKLONE see: KX3850000
PERLAPINE see: HO2840000
PERLATAN see: KG8575000
PERLEX PASTE 500 see: OG3675000
PERLEX PASTE 600A see: OG3675000
PERLITON BLUE B see: CB0540000
PERLITON ORANGE 3R see: CB5740000
PERLITON YELLOW G see: AC3662000
PERLON see: RF5250000
PERLOPAL see: SC4900000
PERLUTEX see: TU5010000

PERM-A-CHLOR see: KX4550000
PERMACIDE see: SM6300000
PERM-A-CLOR see: KX4550000
PERMAFRESH 183 see: NJ0607000
PERMAFRESH 113B see: NJ0607000
PERMAFRESH LF see: NJ0607000
PERMAFRESH LS see: NJ0607000
PERMAFRESH LKS see: NJ0607000
PERMAGARD see: SM6300000
PERMA KLEER see: MB8205000
PERMA KLEER 100 see: AH5075000
PERMA KLEER 50 ACID see: AH4025000
PERMA KLEER 50 CRYSTALS see: AH5075000
PERMA KLEER 50 CRYSTALS DISODIUM SALT see: AH4375000
PERMA KLEER DI CRYSTALS see: AH4375000
PERMA KLEER TETRA CP see: AH5075000
PERMA KLEER 50, TRISODIUM SALT see: AH5250000
PERMANAX 45 see: TQ2625000
PERMANENT ORANGE see: QL3854000
PERMANENT ORANGE DN TONER see: QL3854000
PERMANENT ORANGE GG see: QL3854000
PERMANENT ORANGE HD see: QL3854000
PERMANENT ORANGE TONER RA-5650 see: QL3854000
PERMANENT PURPLE see: GE4518000
PERMANENT PURPLE TONER see: GE4518000
PERMANENT RED BFR see: QL3436000
PERMANENT RED F see: QL3436000
PERMANENT RED GG see: QL3854000
PERMANENT RED R see: QL3436000
PERMANENT RED 4R see: QK4247000
PERMANENT RED R EXTRA see: QL3436000
PERMANENT RED RG EXTRA see: QL3436000
PERMANENT RED TONER R see: QL3436000
PERMANENT WHITE see: ZH4810000
PERMANENT WHITE see: CR0600000
PERMANENT YELLOW see: CQ8760000
PERMANENT YELLOW DHG see: AK4580000
PERMANENT YELLOW GHG see: AK4580000
PERMANENT YELLOW, LEAD FREE see: EJ3645000
PERMANGANATE OF POTASH see: SD6475000
PERMANGANATE OF POTASH (DOT) see: SD6475000
PERMANGANATE DE POTASSIUM (French) see: SD6475000
PERMANGANATE DE SODIUM (French) see: SD6650000

SD6400000 PERMANGANIC ACID, AMMONIUM SALT
UPDT:8308 CAS: 13446-10-1 MW: 136.99 MOLFM: Mn-O4 .H4-N
SYN: AMMONIUM PERMANGANATE (DOT) * NA 9190 (DOT)
REVIEW AND REFERENCES:
★ TLV-CL 5 mg(Mn)/m3 DTLVS* 4,250,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82

SD6405000 PERMANGANIC ACID, BARIUM SALT
UPDT:8308 CAS: 7787-36-2 MW: 375.22 MOLFM: Mn2-O8 .Ba
SYN: BARIUM PERMANGANATE (DOT) * UN 1448 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Ba)/m3 DTLVS* 4,35,80
★ TLV-CL 5 mg(Mn)/m3 DTLVS* 4,250,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Ba)/m3 (SCP-X) FEREAC 39,23540,74
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82

SD6475000 PERMANGANIC ACID, POTASSIUM SALT
UPDT:8408 CAS: 7722-64-7 MW: 158.04 MOLFM: Mn-O4 .K
SYN: CAIROX * CHAMELEON MINERAL * C.I. 77755 * CONDY'S CRYSTALS * KALIUMPERMANGANAAT (Dutch) * KALIUMPERMANGANAT (German) * PERMANGANATE DE POTASSIUM (French) * PERMANGANATE OF POTASH * PERMANGANATE OF POTASH (DOT) * POTASSIO (PERMANGANATO DI) (Italian) * POTASSIUM PERMANGANATE * POTASSIUM (PERMANGANATE DE) (French) * POTASSIUM PERMANGANATE (DOT) * UN 1490 (DOT)
MUTATION DATA AND REFERENCES:
dnd-esc 200 umol/L MUREAV 89,95,81
dnr-bcs 17 mg/L WATRAG 14,1613,80
mmo-omi 10 ppm JOBAAY 54,767,47
cyt-mus:mmr 1 mmol/L/48H MUREAV 67,221,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 itt-rat TDLo:400 mg/kg (1D male) FESTAS 24,884,73
1T23 itt-grb TDLo:25 mg/kg (1D male) IJEBA6 14,617,76
TOXICITY DATA AND REFERENCES:
1K13 orl-wmn TDLo:2400 ug/kg/D AIPTAK 44,446,33
orl-rat LD50:1090 mg/kg AIHAAP 30,470,69
scu-mus LD50:500 mg/kg 27ZWAY 3.2,1346,-
orl-rbt LDLo:700 mg/kg AIPTAK 14,289,05
ivn-rbt LDLo:70 mg/kg EQSSDX 1,1,75
REVIEW AND REFERENCES:
★ TLV-CL 5 mg(Mn)/m3 DTLVS* 4,250,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SD6650000 PERMANGANIC ACID, SODIUM SALT
UPDT:8308 CAS: 10101-50-5 MW: 141.93 MOLFM: Mn-O4 .Na
SYN: PERMANGANATE DE SODIUM (French) * SODIUM PERMANGANATE * SODIUM PERMANGANATE (DOT) * UN 1503 (DOT)
REVIEW AND REFERENCES:
★ TLV-CL 5 mg(Mn)/m3 DTLVS* 4,250,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PERMANSA ORANGE see: QL3854000
PERMANSA RED see: QL3436000
PERMAPEN see: XH9425000
PERMASAN see: SM6300000
PERMASEAL see: TP3710000
PERMATONE ORANGE see: QL3854000
PERMATON ORANGE XL 45-3015 see: QL3854000
PERMATON RED XL 20-7015 see: QL3436000
PERMATOX DP-2 see: SM6300000
PERMATOX PENTA see: SM6300000
PERMEK N see: EL9470000
PERMETHRIN see: GZ1255000
cis-PERMETHRIN see: GZ1251540
PERMETRINA (Portuguese) see: GZ1255000
PERMICORT see: GM8925000
PERMITAL see: XH5082000
PERMITE see: SM6300000
PERMITIL see: TL9730000
PERNAEMON see: GG3750000
PERNAEVIT see: GG3750000
PERNAMBUCO EXTRACT see: DE3124000
PERNAZINE see: SP1140000
PERNIPURON see: GG3750000
PERNOCTON see: CQ0700000
PERNOSTON see: CQ0700000
PERNOX see: EU1575000
PERONE 30 see: MX0899000
PERONE 35 see: MX0899000
PERONE 50 see: MX0899000
PEROPAL see: WH8637700
PEROPYRENE see: HP5950000
PEROSIN see: ZH3325000
PEROSIN 75B see: ZH3325000
PEROSSIDO DI BENZOILE (Italian) see: DM8575000
PEROSSIDO DI BUTILE TERZIARIO (Italian) see: ER2450000
PEROSSIDO DI IDROGENO (Italian) see: MX0900000
PEROVEX see: RC8925000
PEROXAN see: MX0900000

SD7860000 PEROXIDE, ACETYL BENZOYL (solid)
UPDT:8308 CAS: 644-31-5 MW: 180.17 MOLFM: C9-H8-O4
SYN: ACETYL BENZOYL PEROXIDE, SOLID (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD7861000 PEROXIDE, ACETYL BENZOYL, not over 40% peroxide in solution
UPDT:8401 CAS: 644-31-5 MW: 180.17 MOLFM: C9-H8-O4
SYN: ACETYL BENZOYL PEROXIDE SOLUTION, not over 40% peroxide (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD7864000 PEROXIDE, ACETYL CYCLOHEXYLSULFONYL, not more than 82% wetted with not less than 12% water
UPDT:8401 CAS: 3179-56-4 MW: 222.28 MOLFM: C8-H14-O5-S
SYN: ACETYL CYCLOHEXANESULFONYL PEROXIDE (DOT) * UN 2082 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SD7864100 PEROXIDE, ACETYL CYCLOHEXYLSULFONYL, not more than 32% in solution
UPDT:8308 CAS: 3179-56-4 MW: 222.28 MOLFM: C8-H14-O5-S
SYN: ACETYL CYCLOHEXANESULFONYL PEROXIDE, not more than 32% in solution (DOT) * UN 2083 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SD7864200 PEROXIDE, ACETYL CYCLOHEXYLSULFONYL, more than 82% wetted with less than 12% water
UPDT:8308 CAS: 3179-56-4 MW: 222.28 MOLFM: C8-H14-O5-S
SYN: ACETYL CYCLOHEXANEPERSULFONATE * ACETYL CYCLOHEXYLSULFONYL PEROXIDE * ACETYL CYCLOHEXYLSULFONYL PEROXIDE, more than 82% wetted with less than 12% water (DOT) * LUPERSOL 228Z
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PEROXIDE, BIS(3-CARBOXYPROPIONYL) see: UF2031000

SD7875000 PEROXIDE, BIS(p-CHLOROBENZOYL)-
UPDT:8401 CAS: 94-17-7 MW: 311.12 MOLFM: C14-H8-Cl2-O4
SYN: BIS(p-CHLOROBENZOYL) PEROXIDE * p-CHLOROBENZOYL PEROXIDE * p-CHLOROBENZOYL PEROXIDE (DOT) * p-CHLOROBENZOYL PEROXIDE, not more than 75% with water (DOT) * p,p'-DICHLOROBENZOYL PEROXIDE * UN 2113 (DOT)
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:500 mg/kg CBCCT* 4,110,52
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SD7877000 PEROXIDE, BIS(p-CHLOROBENZOYL)-, not more than 52% as a paste or in solution
UPDT:8404 CAS: 94-17-7 MW: 311.12 MOLFM: C14-H8-Cl2-O4
SYN: p-CHLOROBENZOYL PEROXIDE, not more than 52% as a paste (DOT) * p-CHLOROBENZOYL PEROXIDE, not more than 52% in solution (DOT) * UN 2114 (DOT) * UN 2115 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE, paste CFRGBR 49,172.101,82
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE, solution CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SD7879000 PEROXIDE, BIS(2,4-DICHLOROBENZOYL)-, not more than 52% as a paste or in solution
UPDT:8401 CAS: 133-14-2 MW: 380.00 MOLFM: C14-H6-Cl4-O4
SYN: 2,4-DICHLOROBENZOYL PEROXIDE, not more than 52% in solution (DOT) * UN 2138 (DOT) * UN 2139 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE, paste CFRGBR 49,172.101,82
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE, solution CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SD7880000 PEROXIDE, BIS(2,4-DICHLOROBENZOYL)-, not more than 75% with water
UPDT:8308 CAS: 133-14-2 MW: 380.00 MOLFM: C14-H6-Cl4-O4
SYN: BIS(2,4-DICHLOROBENZOYL)PEROXIDE * CADOX TS * CADOX TS 40,50 * 2,4-DICHLOROBENZOYL PEROXIDE, not more than 75% with water (DOT) * UN 2137 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SD7881000 PEROXIDE, BIS(2,4-DICHLOROBENZOYL)-, more than 75% with water
UPDT:8308 CAS: 133-14-2 MW: 380.00 MOLFM: C14-H6-Cl4-O4
SYN: 2,4-DICHLOROBENZOYLPEROXIDE, more than 75% with water (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SD7885000 PEROXIDE, BIS(2,4-DICHLOROBENZOYL)- with PHTHALIC ACID, DIBUTYL ESTER (1:1)
UPDT:8308
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:512 mg/kg CBCCT* 2,241,50

SD8150000 PEROXIDE, BIS(alpha,alpha-DIMETHYLBENZYL)
UPDT:8312 CAS: 80-43-3 MW: 270.40 MOLFM: C18-H22-O2
SYN: ACTIVE DICUMYL PEROXIDE * BIS(alpha,alpha-DIMETHYLBENZYL)PEROXIDE * CUMENE PEROXIDE * CUMYL PEROXIDE * DICUMYL PEROXIDE * DI-alpha-CUMYL PEROXIDE * DICUMYL PEROXIDE (DOT) * DICUMYL PEROXIDE, technical pure or with inert solid (DOT) * DI-CUP * DIISOPROPYLBENZENE PEROXIDE * ISOPROPYLBENZENE PEROXIDE * LUPERCO * LUPEROX * LUPEROX 500R * LUPEROX 500T * UN 2121 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4100 mg/kg BSPII* 1/75-198
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE, dry CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SD8170000 PEROXIDE, BIS(alpha,alpha-DIMETHYLBENZYL), 50% solution
UPDT:8312
SYN: DICUMYL PEROXIDE, 50% solution (DOT) * NA 2121 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD8240000 PEROXIDE, BIS(HYDROXYMETHYL)-
UPDT:8401 CAS: 17088-73-2 MW: 94.08 MOLFM: C2-H6-O4
SYN: BIS(HYDROXYMETHYL)PEROXIDE * BIS-(1-HYDROXYMETHYL)PEROXIDE * DIHYDROXYDIMETHYL PEROXIDE * DIHYDROXYMETHYL PEROXIDE * METHANOL, DIOXYBIS (9CI) * METHANOL, DIOXYDI
MUTATION DATA AND REFERENCES:
sln-dmg-par 20 mmol/L NATUAS 177,979,56
dni-mus/ast 20 mg/kg BSBGAQ 81,180,72
oms-mus/ast 20 mg/kg BSBGAQ 81,180,72
cyt-mus/ast 20 mg/kg BSBGAQ 81,180,72
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

PEROXIDE, BIS(2-METHYL-1-OXOPROPYL)- see: NQ5700400
PEROXIDE, BIS(1-OXODECYL) see: HE0781500
PEROXIDE, BIS(1-OXONONYL) see: RA8435000
PEROXIDE, BIS(1-OXOOCTYL) (9CI) see: SD8430000
PEROXIDE, BIS(1-OXOPROPYL) see: UG7110000

SD8245000 PEROXIDE, BIS(3,5,5-TRIMETHYL-1,2-DIOXOLAN-3-YL)-, as a paste with at least 50% phlegmatizer
UPDT:8308 MW: 262.34 MOLFM: C12-H22-O6
SYN: DI-(3,5,5-TRIMETHYL-1,2-DIOXOLANYL-3)PEROXIDE (DOT) * UN 2597 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD8247000 PEROXIDE, tert-BUTYL alpha,alpha-DIMETHYLBENZYL
UPDT:8401 CAS: 3457-61-2 MW: 208.33 MOLFM: C13-H20-O2
SYN: tert-BUTYL CUMYL PEROXIDE * tert-BUTYL CUMYL PEROXIDE, technical pure (DOT) * CUMYL tert-BUTYL PEROXIDE * KAYABUTYL C * PEROXIDE, 1,1-DIMETHYLETHYL 1-METHYL-1-PHENYLETHYL (9CI) * UN 2091 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SD8250000 PEROXIDE CURED ETHYLENE PROPYLENE RUBBER, gas
UPDT:8303
SYN: GAS from PEROXIDE-CURED ETHYLENE PROPYLENE RUBBER
MUTATION DATA AND REFERENCES:
mmo-sat 100 uL/plate JTEHD6 8,805,81
mma-sat 50 uL/plate JTEHD6 8,805,81

SD8255000 PEROXIDE, (1,1-CYCLOHEXYLIDENE)BIS(tert-BUTYL-
UPDT:8308 MW: 260.42 MOLFM: C14-H28-O4
SYN: 1,1-DI-(tert-BUTYLPEROXY)CYCLOHEXANE (DOT) * UN 2179 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD8255300 PEROXIDE, (1,1-CYCLOHEXYLIDENE)BIS(tert-BUTYL-, not more than 77% in solution
UPDT:8308 MW: 260.42 MOLFM: C14-H28-O4
SYN: 1,1-DI-(tert-BUTYLPEROXY)CYCLOHEXANE, not more than 77% in solution (DOT) * UN 2180 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD8255600 PEROXIDE, (1,1-CYCLOHEXYLIDENE)BIS(tert-BUTYL-, with at least 50% phlegmatizer
UPDT:8312
SYN: 1,1-BIS-(tert-BUTYLPEROXY)CYCLOHEXANE (DOT) * UN 2897 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.102,83

SD8255800 PEROXIDE, (1,1-CYCLOHEXYLIDENE)BIS(tert-BUTYL-, with at least 13% phlegmatizer and 47% inert solid
UPDT:8312
SYN: 1,1-BIS-(tert-BUTYLPEROXY)CYCLOHEXANE (DOT) * UN 2885 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.102,83

SD8256000 PEROXIDE, (1,2-CYCLOHEXYLIDENE)BIS(tert-BUTYL-, not more than 77% in solution
UPDT:8308 MW: 260.42 MOLFM: C14-H20-O4
SYN: 1,2-DI-(tert-BUTYLPEROXY)CYCLOHEXANE (DOT) * UN 2181 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

PEROXIDE, 1,1-DIMETHYLETHYL 1-METHYL-1-PHENYLETHYL (9CI) see: SD8247000

SD8422000 PEROXIDE, (1-METHYLETHYLIDENE)BIS(tert-BUTYL-, with at least 50% phlegmatizer
UPDT:8312
SYN: 2,2-BIS(tert-BUTYLPEROXY)PROPANE (DOT) * UN 2883 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.102,83

SD8423000 PEROXIDE, (1-METHYLETHYLIDENE)BIS(tert-BUTYL-, not more than 40% with inert inorganic solid with not less than 13% phlegmatizer
UPDT:8308 MW: 220.35 MOLFM: C11-H24-O4
SYN: 2,2-DI-(tert-BUTYLPEROXY)PROPANE (DOT) * UN 2884 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD8424000 PEROXIDE, (1-METHYLPROPYLIDENE)BIS(tert-BUTYL-, not more than 55% in solution
UPDT:8308 MW: 234.38 MOLFM: C12-H26-O4
SYN: 2,2-DI-(tert-BUTYLPEROXY)BUTANE, not more than 55% in solution (DOT) * UN 2111 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD8425000 PEROXIDE, (1-METHYLPROPYLIDENE)BIS(tert-BUTYL-, more than 55% in solution
UPDT:8308 MW: 234.38 MOLFM: C12-H26-O4
SYN: 2,2-DI-(tert-BUTYLPEROXY)BUTANE, more than 55% in solution (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

SD8430000 PEROXIDE, OCTANOYL
UPDT:8401 CAS: 762-16-3 MW: 286.46 MOLFM: C16-H30-O4
SYN: CAPROLYL PEROXIDE * CAPRYL PEROXIDE * CAPRYLYL PEROXIDE * CAPRYLYL PEROXIDE SOLUTION (DOT) * DICAPRYLYL PEROXIDE * DIOCTANOYL PEROXIDE * DI-n-OCTANOYL PEROXIDE, technical pure (DOT) * NA 2129 (DOT) * PERKADOX SE 8 * PEROXIDE, BIS(1-OXOOCTYL) (9CI) * UN 2129 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PEROXIDE, (PHENYLENEBIS(1-METHYLETHYLIDENE))BIS(1,1-DIMETHYLETHYL)- see: SD8431900

SD8431000 PEROXIDE, ((m-PHENYLENE)BISPROPYLENE)BIS(tert-BUTYL-
UPDT:8308 MW: 336.52 MOLFM: C20-H32-O4
SYN: 1,3-DI(2-tert-BUTYLPEROXYISOPROPYL)BENZENE (DOT) * UN 2112 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD8431100 PEROXIDE, ((p-PHENYLENE)BISPROPYLENE)BIS(tert-BUTYL-
UPDT:8308 MW: 336.52 MOLFM: C20-H32-O4
SYN: 1,4-DI(2-tert-BUTYLPEROXYISOPROPYL)BENZENE (DOT) * UN 2112 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD8431500 PEROXIDE, ((m-PHENYLENE)BISPROPYLENE)BIS(tert-BUTYL-, mixt. with ((p-PHENYLENE) BISPROPYLENE)BIS(tert-BUTYLPEROXIDE)
UPDT:8308 MW: 336.52 MOLFM: C20-H32-O4
SYN: 1,3-DI-(2-tert-BUTYLPEROXYISOPROPYL)BENZENE and 1,4-DI-(2-tert-BUTYLPEROXYISOPROPYL)BENZENE * UN 2112 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD8431900 PEROXIDE, (PHENYLENEDIISOPROPYLIDENE)BIS(tert-BUTYL-
UPDT:8401 CAS: 25155-25-3 MW: 338.54 MOLFM: C20-H34-O4
SYN: alpha,alpha'-BIS(tert-BUTYLPEROXY)DIISOPROPYLBENZENE * PEROXIDE, (PHENYLENEBIS(1-METHYLETHYLIDENE))BIS(1,1-DIMETHYLETHYL) * (PHENYLENEDIISOPROPYLIDENE)BIS(tert-BUTYLPEROXIDE) * VUL-CUP * VUL-CUP 40KE * VUL-CUP R
IRRITATION DATA AND REFERENCES:
skn-rbt 100%/24H MLD HERBU* PRC-304
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1,4-PEROXIDO-p-MENTHENE-2 see: OT0175000

SD8580100 PHENANTHRO(1,2-b)THIOPHENE
UPDT:8311 CAS: 58426-99-6 MW: 234.32 MOLFM: C16-H10-S
MUTATION DATA AND REFERENCES:
mma-sat 250 ug/plate MUREAV 117,31,83

SD8600000 PEROXIDE, (3,3,5-TRIMETHYLCYCLOHEXYLIDENE)BIS(tert-BUTYL-, technically pure
UPDT:8308 MW: 302.51 MOLFM: C17-H34-O4
SYN: 1,1-DI-(tert-BUTYLPEROXY)-3,3,5-TRIMETHYLCYCLOHEXANE (DOT) * UN 2145 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD8601000 PEROXIDE, (3,3,5-TRIMETHYLCYCLOHEXYLIDENE)BIS(tert-BUTYL-, not more than 57% in solution
UPDT:8402 MW: 302.51 MOLFM: C17-H34-O4
SYN: 1,1-DI-(tert-BUTYLPEROXY)-3,3,5-TRIMETHYLCYCLOHEXANE (DOT) * TRIGONOX 29 * UN 2146 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD8602000 PEROXIDE, (3,3,5-TRIMETHYLCYCLOHEXYLIDENE)BIS(tert-BUTYL-, not more than 58% with inert solid
UPDT:8308
SYN: 1,1-DI-(tert-BUTYLPEROXY)-3,3,5-TRIMETHYLCYCLOHEXANE (DOT) * UN 2147 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

PEROXOACETIC ACID see: SD8927100

SD8750000 PEROXYACETIC ACID
UPDT:8408 CAS: 79-21-0 MW: 76.06 MOLFM: C2-H4-O3
SYN: ACETYL HYDROPEROXIDE * ACIDE PERACETIQUE (French) * HYDROPEROXIDE, ACETYL * PERACETIC ACID * PEROXYACETIC ACID, maximum concentration 43% in ACETIC ACID (DOT) * UN 2131 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open SEV UCDS** 12/12/68
eye-rbt 1 mg SEV UCDS** 12/12/68
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:21 gm/kg/26W-I JNCIAM 55,1359,75
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1540 mg/kg UCDS** 12/12/68
* ihl-rat LC50:450 mg/m3 GISAAA 48(6),28,83
* orl-mus LD50:210 mg/kg GISAAA 48(6),28,83
skn-rbt LD50:1410 mg/kg UCDS** 12/12/68
orl-gpg LD50:10 mg/kg BSPII* 1/75-198
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PERIOXIDE, CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PEROXYACETIC ACID, maximum concentration 43% in ACETIC ACID (DOT) see: SD8750000

SD8925000 PEROXYACETIC ACID, t-BUTYL ESTER
UPDT:8403 CAS: 107-71-1 MW: 132.18 MOLFM: C6-H12-O3
SYN: t-BUTYL PERACETATE * t-BUTYL PEROXYACETATE * TRIGONOX F-C50
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/1M rns MOD ZAARAM 8,25,58
TOXICITY DATA AND REFERENCES:
orl-mus LD50:632 mg/kg TPKVAL 9,78,67
ihl-mus LCLo:6000 mg/m3 TPKVAL 9,78,67
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SD8927000 PEROXYACETIC ACID, not over 43% acid and not over 6% HYDROGEN PEROXIDE
UPDT:8312 MW: 60.06 MOLFM: C2-H4-O2
SYN: ACETIC PEROXIDE * NA 2131 (DOT) * PERACETIC ACID, not over 43% acid and not over 6% HYDROGEN PEROXIDE (DOT) * UN 2131 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD8927100 PEROXYACETIC ACID, more than 43% with more than 6% HYDROGEN PEROXIDE
UPDT:8408 CAS: 79-21-0 MW: 76.06 MOLFM: C2-H4-O3
SYN: ACETIC PEROXIDE * ACETYL HYDROPEROXIDE * DESOXON 1 * ETHANE PEROXOIC ACID * OSBON AC * PERACETIC ACID * PEROXOACETIC ACID * PEROXYACETIC ACID, more than 43% with more than 6% HYDROGEN PEROXIDE (DOT)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:454 mg/kg GISAAA 48(6),28,83
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PEROXYACETIC ACID, more than 43% with more than 6% HYDROGEN PEROXIDE (DOT) see: SD8927100

SD8927200 PEROXYACETIC ACID, tert-BUTYL ESTER, not more than 52% in solution
UPDT:8308 CAS: 107-71-1 MW: 132.18 MOLFM: C6-H12-O3
SYN: tert-BUTYL PEROXYACETATE, not more than 52% in solution (DOT) * UN 2096 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SD8927300 PEROXYACETIC ACID, tert-BUTYL ESTER, not more than 76% in solution
UPDT:8401 CAS: 107-71-1 MW: 132.18 MOLFM: C6-H12-O3
SYN: tert-BUTYL PEROXYACETATE, not more than 76% in solution (DOT) * UN 2095 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SD8927400 PEROXYACETIC ACID, tert-BUTYL ESTER, more than 76% in solution
UPDT:8408 CAS: 107-71-1 MW: 132.18 MOLFM: C6-H12-O3
SYN: tert-BUTYL PERACETATE * tert-BUTYL PEROXYACETATE * tert-BUTYL PEROXYACETATE, more than 76% in solution (DOT) * ETHANEPEROXOIC ACID, 1,1-DIMETHYLETHYL ESTER * LUPERSOL 70
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:675 mg/kg 85GMAT -,30,82
* ihl-rat LC33:8200 mg/m3/4H 85GMAT -,30,82
* orl-mus LD50:632 mg/kg 85GMAT -,30,82
* ihl-mus LC33:6 gm/m3/2H 85GMAT -,30,82
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SD8975000 PEROXYACETIC ACID, SODIUM SALT
UPDT:8401 CAS: 64057-57-4 MW: 98.04 MOLFM: C2-H3-O3 .Na
SYN: SODIUM PERACETATE
TUMORIGENIC DATA AND REFERENCES:
2V03P62 unk-mus TDLo:314 mg/kg RARSAM 3,193,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SD9278000 PEROXYAZELAIC ACID, maximum concentration 27%, with at least 13% AZELAIC ACID and 53% SODIUM SULFATE
UPDT:8403 CAS: 1941-79-3 MW: 220.25 MOLFM: C9-H16-O6
SYN: DIPEROXYAZELAIC ACID, maximum concentration 27% (DOT) * UN 2958 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SD9280000 PEROXYBENZOIC ACID
UPDT:8401 CAS: 93-59-4 MW: 138.13 MOLFM: C7-H6-O3
SYN: BENZENECARBOPEROXOIC ACID (9CI) * BENZOYLHYDROGEN PEROXIDE * BENZOYL HYDROPEROXIDE * PERBENZOIC ACID
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:1040 mg/kg/26W-I JNCIAM 55,1359,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SD9450000 PEROXYBENZOIC ACID, t-BUTYL ESTER
UPDT:8408 CAS: 614-45-9 MW: 194.25 MOLFM: C11-H14-O3
SYN: tert-BUTYLPERBENZOAN (Czech) * t-BUTYL PERBENZOATE * t-BUTYL PEROXY BENZOATE * tert-BUTYL PEROXYBENZOATE, technical pure or in concentration of more than 75% (DOT) * ESPEROX 10 * NOVOX * PERBENZOATE DE BUTYLE TERTIAIRE (French) * TRIGONOX C * UN 2097 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD 28ZPAK -,52,72
eye-rbt 100 mg/1M rns MLD ZAARAM 8,25,58
TUMORIGENIC DATA AND REFERENCES:
2V03P62 unk-mus TDLo:311 mg/kg RARSAM 3,193,63
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1012 mg/kg 85GMAT -,30,82
* orl-mus LD50:914 mg/kg 85GMAT -,30,82
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SD9455000 PEROXYBENZOIC ACID, tert-BUTYL ESTER, not more than 50% with inorganic solid
UPDT:8412 CAS: 614-45-9 MW: 194.25 MOLFM: C11-H14-O3
SYN: tert-BUTYL PEROXYBENZOATE, not more than 50% with inorganic solid (DOT) * UN 2990 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

SD9460000 PEROXYBENZOIC ACID, tert-BUTYL ESTER, not more than 75% in solution
UPDT:8412 CAS: 614-45-9 MW: 194.25 MOLFM: C11-H14-O3
SYN: tert-BUTYL PEROXYBENZOATE, not more than 75% in solution (DOT) * UN 2098 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SD9470000 PEROXYBENZOIC ACID, m-CHLORO-
UPDT:8401 CAS: 937-14-4 MW: 172.57 MOLFM: C7-H5-Cl-O3
SYN: BENZENECARBOPEROXOIC ACID, 3-CHLORO- (9CI) * m-CHLOROBENZOYL HYDROPEROXIDE * m-CHLOROPERBENZOIC ACID * 3-CHLOROPERBENZOIC ACID * m-CHLOROPEROXYBENZOIC ACID * 3-CHLOROPEROXYBENZOIC ACID
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:21 gm/kg/52W-I JNCIAM 55,1359,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SD9480000 PEROXYBENZOIC ACID, m-CHLORO-, maximum concentration 86%
UPDT:8401 CAS: 937-14-4 MW: 172.57 MOLFM: C7-H5-Cl-O3
SYN: m-CHLOROPEROXYBENZOIC ACID, maximum concentration 86% (DOT) * 3-CHLOROPEROXYBENZOIC ACID, maximum concentration 86% (DOT) * UN 2755 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SD9500000 PEROXYBENZOIC ACID, p-NITRO-
UPDT:8401 CAS: 943-39-5 MW: 183.13 MOLFM: C7-H5-N-O5
SYN: p-NITROPEROXYBENZOIC ACID
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:228 mg/kg/57W-I CNREA8 30,1037,70
2V03V10 scu-mus TD :52 mg/kg/26W-I CNREA8 32,880,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SD9501500 PEROXYBENZOIC ACID, 1,1,4,4-TETRAMETHYLTETRAMETHYLENE ESTER
UPDT:8308 MW: 386.48 MOLFM: C22-H26-O6
SYN: 2,5-DIMETHYL-2,5-DI-(BENZOYLPEROXY)HEXANE (DOT) * UN 2172 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD9501600 PEROXYBENZOIC ACID, 1,1,4,4-TETRAMETHYLTETRAMETHYLENE ESTER, not more than 82% with water
UPDT:8308 MW: 386.48 MOLFM: C22-H26-O6
SYN: 2,5-DIMETHYL-2,5-DI-(BENZOYLPEROXY)HEXANE (DOT) * UN 2173 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD9502500 PEROXYBUTYRIC ACID, 2-ETHYL-, tert-BUTYL ESTER
UPDT:8312 MW: 188.30 MOLFM: C10-H20-O3
SYN: tert-BUTYL PEROXYDIETHYLACETATE (DOT) * UN 2144 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD9502700 PEROXYCARBONIC ACID, BIS(4-tert-BUTYLCYCLOHEXYL) ESTER
UPDT:8402 MW: 370.59 MOLFM: C21-H38-O5
SYN: DI-(4-tert-BUTYLCYCLOHEXYL)PEROXYDICARBONATE (DOT) * PERCADOX 16 * UN 2154 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD9502800 PEROXYCARBONIC ACID, BIS(4-tert-BUTYLCYCLOHEXYL) ESTER, not more than 42% in water
UPDT:8308 MW: 370.59 MOLFM: C21-H38-O5
SYN: DI-(4-tert-BUTYLCYCLOHEXYL)PEROXYDICARBONATE, not more than 42% in water (DOT) * UN 2894 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD9502900 PEROXYCARBONIC ACID, OO-tert-BUTYL O-ISOPROPYL ESTER
UPDT:8401 CAS: 2372-21-6 MW: 192.24 MOLFM: C8-H16-O5
SYN: tert-BUTYL PEROXY ISOPROPYL CARBONATE, technical pure (DOT) * UN 2103 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SD9507000 PEROXYCROTONIC ACID, tert-BUTYL ESTER, not more than 76% in solution
UPDT:8401 CAS: 23474-91-1 MW: 158.22 MOLFM: C8-H14-O3
SYN: 2-BUTENEPEROXOIC ACID, 1,1-DIMETHYLETHYL ESTER * tert-BUTYL PERCROTONATE * tert-BUTYL PEROXYCROTONATE, not more than 76% in solution (DOT) * UN 2183 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PEROXYDE DE BARYUM (French) see: CR0175000
PEROXYDE DE BENZOYLE (French) see: DM8575000
PEROXYDE DE BUTYLE TERTIAIRE (French) see: ER2450000
PEROXYDE D'HYDROGENE (French) see: MX0900000
PEROXYDE DE LAUROYLE (French) see: OF2625000
PEROXYDE DE PLOMB (French) see: OG0700000
PEROXYDICARBONATE D'ISOPROPYLE (French) see: SD9800000
PEROXYDICARBONIC ACID, BIS(2-ETHYLHEXYL) ESTER see: SD9700000
PEROXYDICARBONIC ACID, BIS(1-METHYLETHYL) ESTER see: SD9800000

SD9650000 PEROXYDICARBONIC ACID, DIBENZYL ESTER
UPDT:8312 CAS: 2144-45-8 MW: 302.30 MOLFM: C16-H14-O6
SYN: DIBENZYL PEROXYDICARBONATE * DIBENZYL PEROXYDICARBONATE (DOT) * DIBENZYL PEROXYDICARBONATE, maximum concentration 87% with water (DOT) * UN 2149 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD9650100 PEROXYDICARBONIC ACID, DIBENZYL ESTER, more than 87% with water
UPDT:8308 CAS: 2144-45-8 MW: 302.30 MOLFM: C16-H14-O6
SYN: DIBENZYL PEROXYDICARBONATE, more than 87% with water (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

SD9660000 PEROXYDICARBONIC ACID, DIBUTYL ESTER, not more than 27% in solution
UPDT:8308 CAS: 16215-49-9 MW: 234.28 MOLFM: C10-H18-O6

SYN: BUTYL PEROXYDICARBONATE, not more than 27% in solution (DOT) * UN 2170 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD9661000 PEROXYDICARBONIC ACID, DIBUTYL ESTER, not more than 52% in solution

UPDT:8308 CAS: 16215-49-9 MW: 234.28 MOLFM: C10-H18-O6

SYN: n-BUTYL PEROXYDICARBONATE, not more than 52% in solution (DOT) * UN 2169 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD9662000 PEROXYDICARBONIC ACID, DIBUTYL ESTER, more than 52% in solution

UPDT:8308 CAS: 16215-49-9 MW: 234.28 MOLFM: C10-H18-O6

SYN: BUTYL PEROXYDICARBONATE * n-BUTYL PEROXYDICARBONATE, more than 52% in solution (DOT) * DIBUTYL PEROXYDICARBONATE * DI-n-BUTYL PEROXYDICARBONATE

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

SD9675000 PEROXYDICARBONIC ACID, DI-sec-BUTYL ESTER

UPDT:8401 CAS: 19910-65-7 MW: 234.28 MOLFM: C10-H18-O6

SYN: sec-BUTYL PEROXYDICARBONATE * DI-sec-BUTYL PEROXYDICARBONATE * DI-sec-BUTYL PEROXYDICARBONATE, not more than 52% in solution (DOT) * DI-sec-BUTYL PEROXYDICARBONATE, technically pure (DOT) * UN 2150 (DOT) * UN 2151 (DOT)

TOXICITY DATA AND REFERENCES:

skn-rbt LD50:1200 mg/kg BSPII* 1/75-198

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SD9675030 PEROXYDICARBONIC ACID, DI-sec-BUTYL ESTER, not more than 52% in solution

UPDT:8401 CAS: 19910-65-7 MW: 234.28 MOLFM: C10-H18-O6

SYN: DI-sec-BUTYL PEROXYDICARBONATE * UN 2151 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SD9678000 PEROXYDICARBONIC ACID, DICYCLOHEXYL ESTER

UPDT:8308 CAS: 1561-49-5 MW: 286.36 MOLFM: C14-H22-O6

SYN: DICYCLOHEXYL PEROXIDE CARBONATE * DICYCLOHEXYL PEROXYDICARBONATE (DOT) * UN 2152 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SD9678200 PEROXYDICARBONIC ACID, DICYCLOHEXYL ESTER, not more than 91% with water

UPDT:8401 CAS: 1561-49-5 MW: 286.36 MOLFM: C14-H22-O6

SYN: DICYCLOHEXYL PEROXYDICARBONATE, not more than 91% with water (DOT) * UN 2153 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SD9678500 PEROXYDICARBONIC ACID, DIETHYL ESTER, not more than 27% in solution

UPDT:8308 CAS: 14666-78-5 MW: 178.16 MOLFM: C6-H10-O6

SYN: DIETHYL PEROXYDICARBONATE * DIETHYL PEROXYDICARBONATE, not more than 27% in solution (DOT) * DIETHYL PEROXYDIFORMATE * ETHYL PEROXYCARBONATE * UN 2175 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD9679000 PEROXYDICARBONIC ACID, DIETHYL ESTER, more than 27% in solution

UPDT:8308 CAS: 14666-78-5 MW: 178.16 MOLFM: C6-H10-O6

SYN: DIETHYL PEROXYDICARBONATE, more than 27% in solution (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

SD9679100 PEROXYDICARBONIC ACID, DI(2-ETHYLHEXYL) ESTER, not more than 77% in solution

UPDT:8403 CAS: 16111-62-9 MW: 346.52 MOLFM: C18-H34-O6

SYN: DI-(2-ETHYLHEXYL)PEROXYDICARBONATE, not more than 67% in solution (DOT) * DI(2-ETHYLHEXYL)PEROXYDICARBONATE, 77% in solution (DOT) * DI-(2-ETHYLHEXYL)PEROXYDICARBONATE, maximum concentration 32% (DOT) * UN 2123 (DOT) * UN 2960 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SD9700000 PEROXYDICARBONIC ACID, DI(2-ETHYLHEXYL) ESTER

UPDT:8401 CAS: 16111-62-9 MW: 346.52 MOLFM: C18-H34-O6

SYN: DI(2-ETHYLHEXYL) PEROXYDICARBONATE * DI-(2-ETHYLHEXYL)PEROXYDICARBONATE (DOT) * PEROXYDICARBONIC ACID, BIS(2-ETHYLHEXYL) ESTER * UN 2122 (DOT)

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1020 mg/kg BSPII* 1/75-198

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SD9750000 PEROXYDICARBONIC ACID, DIHEXADECYL ESTER

UPDT:8401 CAS: 26322-14-5 MW: 571.00 MOLFM: C34-H66-O6

SYN: DICETYL PEROXYDICARBONATE, technically pure (DOT) * UN 2164 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SD9760000 PEROXYDICARBONIC ACID, DIHEXADECYL ESTER, not more than 42% in water

UPDT:8402 CAS: 26322-14-5 MW: 571.00 MOLFM: C34-H66-O6

SYN: DICETYL PEROXYDICARBONATE (DOT) * DIHEXADECYL PEROXYDICARBONATE * PERKADOX 24W40 * UN 2895 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:NONE CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SD9800000 PEROXYDICARBONIC ACID, DIISOPROPYL ESTER

UPDT:8312 CAS: 105-64-6 MW: 206.22 MOLFM: C8-H14-O6

SYN: DIISOPROPYL PERDICARBONATE * DIISOPROPYL PEROXYDICARBONATE * DIISOPROPYL PEROXYDICARBONATE, technical pure (DOT) * ISOPROPYL PERCARBONATE * ISOPROPYL PERCARBONATE, STABILIZED (DOT) * ISOPROPYL PERCARBONATE, unstabilized (DOT) * ISOPROPYL PEROXYDICARBONATE * ISOPROPYL PEROXYDICARBONATE, technically pure (DOT) * NA 2133 (DOT) * NA 2134 (DOT) * PEROXYDICARBONATE D'ISOPROPYLE (French) * PEROXYDICARBONIC ACID, BIS(1-METHYLETHYL) ESTER * UN 2133 (DOT)

IRRITATION DATA AND REFERENCES:

eye-rbt 500 mg SEV IHFCAY 6,1,67

TOXICITY DATA AND REFERENCES:

orl-rat LD50:2140 mg/kg IHFCAY 6,1,67

skn-rbt LD50:2025 mg/kg BSPII* 1/75-198

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SD9810000 PEROXYDICARBONIC ACID, DIISOPROPYL ESTER, not more than 52% in solution

UPDT:8312 CAS: 105-64-6 MW: 206.22 MOLFM: C8-H14-O6

SYN: DIISOPROPYL PEROXYDICARBONATE, maximum concentration 52% in solution (DOT) * UN 2134 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SD9830000 PEROXYDICARBONIC ACID, DIISOTRIDECYL ESTER

UPDT:8312 MW: 486.82 MOLFM: C28-H54-O6

SYN: BISISOTRIDECYL PEROXIDICARBONATE, technically pure (DOT) * DIISOTRIDECYL PEROXYDICARBONATE, technically pure (DOT) * UN 2889 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD9870000 PEROXYDICARBONIC ACID, DIOCTADECYL ESTER, not more than 85% with STEARYL ALCOHOL

UPDT:8308 CAS: 52326-66-6 MW: 627.12 MOLFM: C38-H74-O6

SYN: DISTEARYL PEROXYDICARBONATE * DISTEARYL PEROXYDICARBONATE, not more than 85% with STEARYL ALCOHOL (DOT) * UN 2592 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

SD9900000 PEROXYDICARBONIC ACID, DIPROPYL ESTER

UPDT:8308 CAS: 16066-38-9 MW: 206.22 MOLFM: C8-H14-O6

SYN: DI-n-PROPYL PEROXYDICARBONATE * DI-n-PROPYL PEROXYDICARBONATE, technically pure (DOT) * n-PROPYL PERCARBONATE * UN 2176 (DOT)

TOXICITY DATA AND REFERENCES:

orl-rat LD50:3400 mg/kg BSPII* 1/75-198

skn-rbt LD50:3500 mg/kg BSPII* 1/75-198

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SD9920000 PEROXYDICARBONIC ACID, DISODIUM SALT

UPDT:8401 CAS: 3313-92-6 MW: 168.02 MOLFM: C2-H2-O6 2Na

SYN: DISODIUM PEROXYDICARBONATE * SODIUM CARBONATE * SODIUM PERCARBONATE * SODIUM PERCARBONATE (DOT) * SODIUM PEROXYDICARBONATE * UN 2467 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SD9950000 PEROXYDICARBONIC ACID, DITETRADECYL ESTER

UPDT:8401 CAS: 53220-22-7 MW: 514.88 MOLFM: C30-H58-O6

SYN: DIMYRISTYL PEROXYDICARBONATE * DIMYRISTYL PEROXYDICARBONATE (DOT) * DITETRADECYL PEROXYDICARBONATE * UN 2595 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SD9951000 PEROXYDICARBONIC ACID, DITETRADECYL ESTER, not more than 27% in water

UPDT:8308 CAS: 53220-22-7 MW: 514.88 MOLFM: C30-H58-O6

SYN: DIMYRISTYL PEROXYDICARBONATE, not more than 27% in water (DOT) * UN 2892 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

1,1'-PEROXYDICYCLOHEXANOL see: GV8970000

SE0350000 PEROXYDISULFURIC ACID, DIAMMONIUM SALT

UPDT:8312 CAS: 7727-54-0 MW: 228.22 MOLFM: O8-S2 2H4-N

SYN: AMMONIUM PEROXYDISULFATE * AMMONIUM PERSULFATE * AMMONIUM PERSULPHATE (DOT) * PERSULFATE D'AMMONIUM (French) * UN 1444 (DOT)

TOXICITY DATA AND REFERENCES:

orl-rat LD50:820 mg/kg AIHAAF 30,470,69

ipr-rat LD50:226 mg/kg DTLVS* 4,327,80

ivn-rbt LD50:178 mg/kg DTLVS* 4,327,80

REVIEW AND REFERENCES:

★ TLV-TWA 2 mg(S2O8)/m3 DTLVS* 4,327,80

STANDARDS & REGULATIONS:

★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SE0400000 PEROXYDISULFURIC ACID, DIPOTASSIUM SALT

UPDT:8312 CAS: 7727-21-1 MW: 272.34 MOLFM: H2-O8-S2 2K

SYN: ANTHION * DIPOTASSIUM PERSULFATE * POTASSIUM PEROXYDISULFATE * POTASSIUM PEROXYDISULPHATE * POTASSIUM PERSULFATE * POTASSIUM PERSULPHATE (DOT) * UN 1492 (DOT)

REVIEW AND REFERENCES:

★ TLV-TWA 2 mg(S2O8)/m3 DTLVS* 4,327,80

STANDARDS & REGULATIONS:

★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SE0525000 PEROXYDISULFURIC ACID, DISODIUM SALT

UPDT:8312 CAS: 7775-27-1 MW: 238.10 MOLFM: O8-S2 2Na

SYN: PERSULFATE DE SODIUM (French) * SODIUM PEROXYDISULFATE * SODIUM PERSULFATE * SODIUM PERSULPHATE (DOT) * UN 1505 (DOT)

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:226 mg/kg COREAF 257,791,63

ivn-rbt LDLo:178 mg/kg 85ESA3 9,1118,76

REVIEW AND REFERENCES:

★ TLV-TWA 2 mg(S2O8)/m3 DTLVS* 4,327,80

STANDARDS & REGULATIONS:
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PEROXYERGOSTEROL see: KE7289000

SE0540000 PEROXYHEXANOIC ACID, 2-ETHYL-, tert-PENTYL ESTER
UPDT:8401 CAS: 686-31-7 MW: 230.39 MOLFM: C13-H26-O3
SYN: tert-AMYL PEROXY-2-ETHYLHEXANOATE, technical pure (DOT) * 2-ETHYLPEROXYHEXANOIC ACID tert-PENTYL ESTER * UN 2898 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SE0550000 PEROXYHEXANOIC ACID, 2-ETHYL-, 1,1,3,3-TETRAMETHYLBUTYL ESTER
UPDT:8308 MW: 272.48 MOLFM: C16-H32-O3
SYN: 1,1,3,3-TETRAMETHYLBUTYL PEROXY-2-ETHYLHEXANOATE, technically pure (DOT) * UN 2161 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE — CFRGBR 49,172.101,82

SE0551000 PEROXYHEXANOIC ACID, 2-ETHYL-, 1,1,4,4-TETRAMETHYLTETRAMETHYLENE ESTER
UPDT:8308 MW: 429.69 MOLFM: C24-H45-O6
SYN: 2,5-DIMETHYL-2,5-DI-(2-ETHYLHEXANOYLPEROXY)HEXANE (DOT) * UN 2157 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE — CFRGBR 49,172.101,82

SE0553000 PEROXYHEXANOIC ACID, 3,5,5-TRIMETHYL-, tert-BUTYL ESTER
UPDT:8401 CAS: 13122-18-4 MW: 230.39 MOLFM: C13-H26-O3
SYN: tert-BUTYL PEROXY-3,5,5-TRIMETHYL HEXANOATE, technical pure (DOT) * UN 2104 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SE0557000 PEROXYISOBUTYRIC ACID, tert-BUTYL ESTER, not more than 52% in solution
UPDT:8401 CAS: 109-13-7 MW: 160.24 MOLFM: C8-H16-O3
SYN: tert-BUTYL PEROXYISOBUTYRATE, not more than 52% in solution (DOT) * UN 2562 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SE0558000 PEROXYISOBUTYRIC ACID, tert-BUTYL ESTER, more than 52% but not more than 77% in solution
UPDT:8308 CAS: 109-13-7 MW: 160.24 MOLFM: C8-H16-O3
SYN: tert-BUTYL PEROXYISOBUTYRATE, more than 52% but not more than 77% in solution (DOT) * UN 2142 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SE0560000 PEROXYISOBUTYRIC ACID, tert-BUTYL ESTER, more than 77% in solution
UPDT:8308 CAS: 109-13-7 MW: 160.24 MOLFM: C8-H16-O3
SYN: tert-BUTYL PERISOBUTYRATE * tert-BUTYL PEROXYISOBUTYRATE * tert-BUTYL PEROXYISOBUTYRATE more than 77% in solution (DOT) * ESPEROX 24M * LUPERSOL 8 * PROPANEPEROXOIC ACID, 2-METHYL-, 1,1-DIMETHYLETHYL ESTER
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SE0580000 PEROXYLINOLENIC ACID
UPDT:8412 CAS: 19356-22-0 MW: 294.48 MOLFM: C18-H30-O3
SYN: LINOLENATE HYDROPEROXIDE * LINOLENIC HYDROPEROXIDE * 9,12,15-OCTADECATRIENEPEROXOIC ACID (Z,Z,Z)- (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate — ABCHA6 44,1989,80
TUMORIGENIC DATA AND REFERENCES:
3V01P62R60 scu-rat TDLo:1 gm/kg/45W — FCTXAV 12,451,74
3V02N60R60 scu-rat TD :1765 mg/kg/95W — FCTXAV 12,451,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SE0610000 PEROXYLINOLEIC ACID, SODIUM SALT
UPDT:8408 MW: 319.47 MOLFM: C18-H32-O3 Na
SYN: SODIUM LINOLEATE HYDROPEROXIDE * SODIUM LINOLEIC ACID HYDROPEROXIDE
TUMORIGENIC DATA AND REFERENCES:
3V01P62R60 scu-rat TDLo:1 gm/kg/45W-I — FCTXAV 12,451,74
3V02N60R60 scu-rat TD :1765 mg/kg/95W-I — FCTXAV 12,451,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SE0650000 PEROXYMALEIC ACID, tert-BUTYL ESTER
UPDT:8403 MW: 188.20 MOLFM: C8-H12-O5
SYN: tert-BUTYL MONOPEROXYMALEATE, technically pure (DOT) * UN 2099 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE — CFRGBR 49,172.102,83

SE0651000 PEROXYMALEIC ACID, tert-BUTYL ESTER, maximum concentration 55% as a paste or in solution
UPDT:8403 MW: 188.20 MOLFM: C8-H12-O5
SYN: tert-BUTYL MONOPEROXYMALEATE, maximum concentration 55% as a paste (DOT) * tert-BUTYL MONOPEROXYMALEATE, maximum concentration 55% in solution (DOT) * UN 2100 (DOT) * UN 2101 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE — CFRGBR 49,172.102,83

SE0750000 PEROXYNEODECANOIC ACID, tert-BUTYL ESTER
UPDT:8402 CAS: 26748-41-4 MW: 244.42 MOLFM: C14-H28-O3
SYN: tert-BUTYL PERNEODECANOATE * tert-BUTYL PEROXYNEODECANOATE (DOT) * ESPEROX * ESPEROX 33M * LUPERSOL 10 * LUPERSOL 10M75 * TRIGONOX 23-C75 * UN 2594 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SE0760000 PEROXYNEODECANOIC ACID, tert-BUTYL ESTER, not more than 77% in solution
UPDT:8401 CAS: 26748-41-4 MW: 244.42 MOLFM: C14-H28-O3
SYN: tert-BUTYL PEROXYNEODECANOATE, not more than 77% in solution (DOT) * UN 2177 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SE0770000 PEROXYNEODECANOIC ACID, DIMETHYLBENZYL ESTER, 77% in solution
UPDT:8403 MW: 306.49 MOLFM: C19-H30-O3
SYN: CUMYL PEROXYNEODECANOATE, maximum concentration 77% in solution (DOT) * UN 2963 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE — CFRGBR 49,172.102,83

SE0780000 PEROXYNEODECANOIC ACID, tert-PENTYL ESTER
UPDT:8312 MW: 258.45 MOLFM: C15-H30-O3
SYN: tert-AMYL PEROXYNEODECANOATE, with at least 25% phlegmatizer (DOT) * UN 2891 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE — CFRGBR 49,172.102,83

SE0950000 PEROXYPIVALIC ACID, tert-BUTYL ESTER
UPDT:8401 CAS: 927-07-1 MW: 174.27 MOLFM: C9-H18-O3
SYN: t-BUTYL PEROXYPIVALATE * ESPEROX 31M * TRIGONOX 25/C75
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4300 mg/kg — BSPII* 1/75-198
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SE0952000 PEROXYPIVALIC ACID, tert-BUTYL ESTER, not more than 77% in solution
UPDT:8401 CAS: 927-07-1 MW: 174.27 MOLFM: C9-H18-O3
SYN: tert-BUTYL PEROXYPIVALATE, not more than 77% in solution (DOT) * tert-BUTYL PERPIVALATE * tert-BUTYL TRIMETHYLPEROXYACETATE * ESPEROX 31M * LUPERSOL 11 * TRIGONOX 25/75 * UN 2110 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SE0965000 PEROXYPIVALIC ACID, DIMETHYLBENZYL ESTER
UPDT:8403 MW: 236.34 MOLFM: C14-H20-O3
SYN: CUMYL PEROXYPIVALATE (DOT) * UN 2964 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE — CFRGBR 49,172.102,83

SE0980000 PEROXYPIVALIC ACID, tert-PENTYL ESTER
UPDT:8403 MW: 188.30 MOLFM: C10-H20-O3
SYN: tert-AMYL PEROXYPIVALATE, maximum concentration 77% in solution (DOT) * UN 2957 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE — CFRGBR 49,172.102,83

SE1000000 PEROXYSULFURIC ACID, POTASSIUM SALT
UPDT:8305 MW: 152.17 MOLFM: H-O5-S.K
SYN: OXONE * POTASSIUM MONOPERSULFATE * POTASSIUM PEROXYSULFATE
IRRITATION DATA AND REFERENCES:
skn-gpg 25% SEV — 27ZTAP 3,118,69

PEROZIN see: ZH3325000
PEROZINE see: ZH3325000
PERPARINE see: NW7524000
PERPARINE HYDROCHLORIDE see: NW7524100
PERPARIN HYDROCHLORIDE see: NW7524100
PERPERINE see: NW7524000
PERPERINE HYDROCHLORIDE see: NW7524100
PERPHENAZIN see: TL7175000
PERPHENAZINE see: TL7175000
PERPHENAZINE ACETATE see: TL7300000
PERPHENAZINE and AMITRIPTYLINE (1:5) see: TL7540000
PERPHENAZINE DIHYDROCHLORIDE see: TL7525000
PERQUIETIL see: TZ0175000
PER-RADIOGRAPHOL see: UR8750000
PERSADOX see: DM8575000
PERSANTIN see: KK7450000
PERSANTINAT see: UE9480000
PERSANTINE see: KK7450000

SE1735000 PERSEA AMERICANA Mill., leaf and stem extract
DEF: Jamaican plant belonging to the family LAURACEAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:20 gm/kg — JPPMAB 14,556,62

PERSEC see: KX3850000
PERSIAN BERRY LAKE see: CB7920600
PERSIAN ORANGE see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
PERSIAN ORANGE LAKE see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
PERSIAN ORANGE X see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
PERSIAN RED see: OF9800000
PERSIA-PERAZOL see: CZ4550000
PERSICOL see: YQ2485000

SE1850000 PERSIMMON
DEF: TANNIN containing fraction of unripe fruit of DIOSPYROS VIRGINIANA (JNCIAM 57,207,76)
UPDT:8401
SYN: DIOSPYROS VIRGINIANA * TANNIN from PERSIMMON
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:1800 mg/kg/57W-I — JNCIAM 57,207,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PERSISTEN see: RP6300000
PERSISTOL see: XZ2100000
PERSISTOL HO 1/193 see: XZ2100000
PERSISTOL HOE 1/193 see: XZ2100000
PERSKLERAN see: ZG0350000
PERSPEX see: TR0400000
PERSULFATE D'AMMONIUM (French) see: SE0350000
PERSULFATE DE SODIUM (French) see: SE0525000
PERSULFEN see: WO9030000
PERTESTIS see: XA3066000
PERTHANE see: KH5790000
PERTHIOXANTHATE, TRICHLOROMETHYL ALLYL see: FG3945000
PERTHIOXANTHATE, TRICHLOROMETHYL METHYL see: FG3920000
PERTOFRAM see: HO1925000
PERTOFRAN see: HO0525000
PERTOFRAN see: HO0350000
PERTOFRANE see: HO0525000
PERTONAL see: AM4375000
PERTOXIL see: DA0500000
PERTRANQUIL see: TZ0175000
PERTROFANE see: HO0350000

SE3599000 PERU BALSAM
UPDT:8305 CAS: 8007-00-9
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — FCTXAV 12,951,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SE3600000 PERU BALSAM OIL
UPDT:8401 CAS: 8007-00-9
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 12,953,74
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2360 mg/kg FCTXAV 12,953,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
PERUNERUNGI EXTRACT (Indian) see: RX4500000
PERUSCABIN see: DG4200000
PERUVOSID see: FH4915000
PERUVOSIDE see: FH4915000
PERVAGAL see: BP8249200
PERVAL see: YY8575000
PERVERTIN see: SH4900000
PERVINCAMINE see: YY8575000
PERVITIN see: SH5075000
PERVITIN see: SH5425000
PERVONE see: YY8575000
PERYCIT see: QT1980000

SE3794000 PERYLENE
UPDT:8408 CAS: 198-55-0 MW: 252.32 MOLFM: C20-H12
SYN: DIBENZ(de,kl)ANTHRACENE * PERI-DINAPHTHALENE * PERILENE
MUTATION DATA AND REFERENCES:
mmo-sat 25 nmol/plate TXCYAC 18,219,80
mma-sat 1100 nmol/L/2H CNREA8 39,4152,79
cyt-ham:lng 10 mg/L JNCIAM 59,289,77
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 32,411,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

SE3796000 PERYLENE, 3-NITRO-
UPDT:8401 CAS: 20589-63-3 MW: 297.32 MOLFM: C20-H11-N-O2
SYN: 3-NITROPERYLENE
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate SCIEAS 202,515,78
mma-sat 1 nmol/plate SCIEAS 202,515,78
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
PES 100 see: TQ3325000
PES 200 see: TQ3325000
PESTAN see: FB3850000
PESTMASTER see: KH9275000
PESTMASTER EDB-85 see: KH9275000
PESTMASTER (OBS.) see: PA4900000
PESTON XV see: TD3675000
PESTOX see: UX5950000
PESTOX 3 see: UX5950000
PESTOX 14 see: TD4025000
PESTOX 15 see: TD3675000
PESTOX 101 see: TC2275000
PESTOX III see: UX5950000
PESTOX IV see: TD4025000
PESTOX PLUS see: TF4550000
PESTOX XIV see: TD4025000
PESTOX XV see: TD3675000
PET see: RZ2620000
PETA see: UD3370000
PETALITE see: OJ5580000
PETANTIN HYDROCHLORIDE see: NS5950000

SE5085000 PETASITENINE
UPDT:8401 CAS: 60102-37-6 MW: 381.47 MOLFM: C19-H27-N-O7
SYN: FUKINOTOXIN * FUKINOTOXIN (neutral) * PETASITENINE (neutral)
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate MUREAV 68,211,79
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:921 mg/kg/13W-C JNCIAM 58,1155,77
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PPTCBY 9,79,79
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 31,207,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PETASITENINE (neutral) see: SE5085000

SE5095000 PETASITES JAPONICUS MAXIM
DEF:Dried flower stalk of PETASITES JAPONICUS MAXIM (GANNA2 64,527,73)
UPDT:8401
SYN: COLTS FOOT * FUKI-NO-TOH (Japanese)
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:1060 mg/kg/69W-C GANNA2 64,527,73
3V01J60L60 orl-mus TDLo:2300 gm/kg/69W-C TOLED5 1,291,78
2V03L60 orl-rat TD :960 gm/kg/68W-C GANNA2 68,841,77
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PPTCBY 9,79,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SE5095200 PETASITES OFFICINALIS var. MOENCH, extract
UPDT:8405
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:870 mg/kg FRPSAX 12,726,57
PETAZOL see: XF8225000
PETEHA see: NS0650000
PETERPHYLLIN see: XH5600000
PETERSILIENSAMEN OEL (German) see: RW5500000
PETEZOL see: XF8225000
PETHIDINE see: NS5775000
PETHIDINE CHLORIDE see: NS5950000
PETHIDINE, HYDROCHLORIDE see: NS5950000
PETHIDINE and PROMAZINE (2:1) see: NS5800000
PETHIDINETER see: NS5775000
PETHION see: TF4550000
PETIDIN see: NS5950000
PETIDION see: RQ2100000
PETIDON see: RQ2100000
PETILEP see: RQ2100000
PETIMALIN see: RQ2100000
PETINIMID see: WN2800000
PETINUTIN see: WN2625000

SE6558000 PETITGRAIN PARAGUAY OIL
DEF:Found in the leaves and twiglets of the bitter orange tree, CITRUS AURANTIUM L. subsp AMARA(FCTOD7 20(Suppl),801,82)
UPDT:8305
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),801,82
PETN see: RZ2620000
PETNIDAN see: WN2800000
PETOXIL see: DA0500000
PETRAC ZN-41 see: ZH5200000
PETRAZOLE see: XF8225000
PETRISUL see: WP0400000
PETROGALAR see: PY8030000
PETROHOL see: NT8050000
PETROL see: LX3300000
PETROLATUM, liquid see: PY8030000

SE7175000 PETROLEUM
UPDT:8408 CAS: 8002-05-9
SYN: BASE OIL * COAL LIQUID * COAL OIL * CRUDE OIL * CRUDE OIL PETROLEUM (DOT) * CRUDE PETROLEUM * PETROLEUM CRUDE * PETROLEUM CRUDE (DOT) * PETROLEUM OIL (DOT) * ROCK OIL * SENECA OIL * UN 1267 (DOT) * UN 1270 (DOT)
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate CCSUDL 3,21,78
TUMORIGENIC DATA AND REFERENCES:
2V01R60 skn-mus TDLo:3744 mg/kg/2Y-I NTIS** CONF-790334-3
3V03R60V10 skn-mus TD :40 gm/kg/10W-I BECCAN 39,420,61
3V01R60V10 skn-mus TD :21216 mg/kg/2Y-I NTIS** CONF-801143
3V01R60V10 skn-mus TD :210 mg/kg/2Y-I NTIS** CONF-801143
2V01R60 skn-mus TD :12480 mg/kg/2Y-I NTIS** CONF-790334-3
2V02R60 skn-mus TD :3744 mg/kg/2Y-I JOCMA7 21,614,79
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ENVRAL 7(2),243,74; 85CVA2 5,63,70
STANDARDS & REGULATIONS:
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PETROLEUM ASPHALT see: CI9900000
PETROLEUM BENZIN see: DE3030000
PETROLEUM BITUMEN see: CI9900000

SE7426000 PETROLEUM COKE (uncalcined)
UPDT:8308
SYN: PETROLEUM COKE UNCALCINED (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-C; LABEL:NONE CFRGBR 49,172.101,82
PETROLEUM COKE UNCALCINED (DOT) see: SE7426000
PETROLEUM CRUDE see: SE7175000
PETROLEUM CRUDE (DOT) see: SE7175000

SE7449000 PETROLEUM DISTILLATE
UPDT:8308 CAS: 8002-05-9
SYN: PETROLEUM DISTILLATE (DOT) * UN 1268 (DOT)
TOXICITY DATA AND REFERENCES:
3J21J22K13 par-man TDLo:57 mg/kg DICPBB 15,693,81
STANDARDS & REGULATIONS:
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PETROLEUM DISTILLATE (DOT) see: SE7449000
PETROLEUM DISTILLATES (NAPHTHA) see: DE3030000
PETROLEUM ETHER see: DE3030000
PETROLEUM ETHER (DOT) see: DE3030000

SE7544000 PETROLEUM 140 degree FLASH ALIPHATIC SOLVENT
DEF:Consists of a mixture of hydrocarbons chiefly of PARAFFINS, MONOCYCLOPARAFFINS, BENZENE,DICYCLOPARAFFINS, ALKYL BENZENES, INDANS and TETRALINS (TXAPA9 34,413,75)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1D35 ihl-hmn TCLo:17 ppm/15M TXAPA9 34,413,75
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO REF DETR SOLV recm std-air:TWA 350 mg/m3;CL 1800 mg/m3/15M
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SE7545000 PETROLEUM GAS (liquefied)
UPDT:8405 CAS: 68476-85-7
SYN: LIQUEFIED PETROLEUM GAS (DOT) * PETROLEUM GAS LIQUEFIED * PETROLEUM GAS, liquefied (DOT) * UN 1075 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO REF DETR SOLV recm std-air:TWA 350 mg/m3;CL 1800 mg/m3/15M
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
PETROLEUM GAS, liquefied (DOT) see: SE7545000
PETROLEUM GAS LIQUEFIED see: SE7545000

SE7546500 PETROLEUM HYDROCARBON MIXTURE: HIGH NAPHTHENIC SOLVENT
DEF:Contains 29% paraffins and 69.9% naphthenes and 1.1% aromatics (TXAPA9 41,251,77)
UPDT:8405
SYN: HIGH NAPHTHENIC SOLVENT
TOXICITY DATA AND REFERENCES:
3D07F11F12 ihl-rat LC50:960 ppm/4H TXAPA9 41,251,77
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO REF DETR SOLV recm std-air:TWA 350 mg/m3;CL 1800 mg/m3/15M
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PETROLEUM NAPHTHA (DOT) see: DE3030000
PETROLEUM OIL (DOT) see: SE7175000
PETROLEUM PITCH see: CI9900000
PETROLEUM SPIRIT (DOT) see: DE3030000

SE7555000 PETROLEUM SPIRITS
UPDT:8305 CAS: 8030-30-6
SYN: BENZINE * BENZINE (DOT) * BENZOLINE * CANADOL * HERBITOX * LIGROIN * MINERAL SPIRITS * MINERAL SPIRITS NO. 10 * MINERAL THINNER * MINERAL TURPENTINE * NAPHTHA, V.M. and P. * PAINTERS' NAPHTHA * REFINED SOLVENT NAPHTHA * SKELLY-SOLVE S * SKELLY-SOLVE S-66 * SOLVENT NAPHTHA * STODDARD SOLVENT * UN 1115 (DOT) * VARNISH MAKERS' NAPHTHA * VARNISH MAKERS' and PAINTERS' NAPHTHA * VARSOL * V.M. and P. NAPHTHA * WHITE SPIRIT * WHITE SPIRITS
IRRITATION DATA AND REFERENCES:
eye-hmn 880 ppm/15M TXAPA9 32,263,75
TOXICITY DATA AND REFERENCES:
3D25J21K30 ihl-hmn TCLo:600 mg/m3/8H TPKVAL 10,116,68

unk-man LDLo:1470 mg/kg 85DCAI 2,73,70
ihl-rat LC50:3400 ppm/4H TXAPA9 32,263,75
ipr-rat LDLo:8560 mg/kg TXAPA9 1,156,59
ihl-mus LCLo:50000 mg/m3 TPKVAL 10,116,68

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO REF PETR SOLV recm std-air:TWA 350 mg/m3;CL 1800 mg/m3/15M NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PETROL ORANGE Y see: QL4900000
PETROL YELLOW WT see: BX7350000
PETROTHENE see: TQ3325000
PETROTHENE LB 861 see: TQ3325000
PETROTHENE LC 731 see: TQ3325000
PETROTHENE LC 941 see: TQ3325000
PETROTHENE NA 219 see: TQ3325000
PETROTHENE NA 227 see: TQ3325000
PETROTHENE XL 6301 see: TQ3325000
PETZINOL see: KX4550000
P 4007EU see: TQ3325000

SE8010000 PEUCEDANUM DHANA Buch.-Ham. ex. Clarke, extract excluding roots
DEF:Indian plant belonging to the family UMBELLIFERAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:48 mg/kg IJEBA6 15,208,77

PEVARYL see: NI4450000
PEVIKON C 870 see: AK0950000
PEVIKON D 61 see: KV0350000
PEVIKON KL 2 see: KV0350000
PEVIKON PE 709 see: KV0350000
PEVIKON PE 712 see: KV0350000
PEVIKON PS 690 see: KV0350000
PEVIKON R 23 see: KV0350000
PEVIKON R 25 see: KV0350000
PEVIKON R 45 see: KV0350000
PEVIKON R 341 see: KV0350000
PEVIKON S 602 see: KV0350000
PEVISTON see: TR8370000
PEVITON see: QT0525000
PEWLON, combustion products see: AT6975000
PEXID see: TM7068000
PEY-1401 see: TM6103000
PEYA EXTRACT (Indian) see: GN1780200
PEYOCACTINE HYDROCHLORIDE see: SL1225000
PEYRONE'S CHLORIDE see: TP2450000
PF-3 see: TE5075000
PF 38 see: UB1473000
PF 1593 see: DG4910000
PFDA see: HD9900000
PFEFFERMINZ OEL (German) see: SC6125000
PFEIFFER'S SUBSTANCE see: UW5969200
PFIB see: UD1800000
P. FIELDI VENOM see: YX4430000
PFIKLOR see: TS8050000
PFIZER 1393 see: DK8400000
PFIZER-E see: KF5790000
PFIZERPEN see: XH9700000
PFIZERPEN A see: XH8350000
PFIZERPEN-AS see: XH9450000
PFIZERPEN VK see: XH9275000
PFLANZOL see: GV4900000
P. FLAVOPILOSA VENOM see: YX4539200
PFOA see: RH0781000
PFPA see: AY6310000
(D-PFP(sup 6))-LHRH see: OK6598000
(D-PFP(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6598000
PFT see: DG3700000
PG 12 see: TY2000000
PG 299 see: AT6970000
PG 911 see: AT6970000
PGA see: BD0940000
PGA see: MA3810000
PGA see: MA1700000
PGA1 see: GY5977900
PGA(sub 1) see: GY5977900
PGA(sup 1) see: GY5977900
PGA2 see: UK8050000
PGA(sup 2) see: UK8050000
5,6-cis-PGA(sup 2) see: UK8050000
(15S)-PGA(sup 2) see: UK8050000
PGABA see: ES7175000
PhGABA see: ES7175000
PGD1 see: GY4569900
PGD2 see: UK7930000
delta(sup 12)-PGD2 see: UK7900000
PGD2 1,9-LACTONE see: UK8005050
PGD2 1,15-LACTONE see: UK8005000
PGDN see: IY6300000
PGE see: TZ3675000
PGE-1 see: GY4569800
l-PGE1 see: GY4569800
PGE2 see: UK8000000
l-PGE2 see: MJ9677000
PGE2 1,15-LACTONE see: UK8005100
PGE2 METHYL ESTER see: MJ9678000
P. GERMANICA VENOM see: YX4539300
PGE2 SODIUM SALT see: UK8008000
PGF 1-alpha see: GY4569700
PGF2-alpha see: UK8020000
(+-)-PGF2-alpha see: MJ9656000
dl-PGF2-alpha see: MJ9656000
DL-PGF2-alpha see: MJ9656000
l-PGF2-alpha see: MJ9656500
PGF2-alpha racemic mixt. see: MJ9656000
PGF1-alpha 1,15-LACTONE see: UK8425000
PGF2-alpha 1,11-LACTONE see: UK8020500
PGF2-alpha 1,15-LACTONE see: UK8020600
PGF2 METHYL ESTER see: UK8021500
PGF2-alpha METHYL ESTER see: UK8021500
PGF2-alpha THAM see: UK8025000
PGF2-alpha TRIS SALT see: UK8025000
PGF2-alpha TROMETHAMINE see: UK8025000
PGF2-alpha TROMETHAMINE SALT see: UK8025000
P 11H see: AT4680000
Ph. 458 see: RP5776700
Ph/778 see: XI3600000
PH 60-40 see: YS6200000
PHACETUR see: YU0875000
PHAEANTHINE BROMOMETHYLATE (French) see: SF6875000
PHAEANTHINE IODOMETHYLATE (French) see: SF6870000

SE9625500 PHALARIS MINOR Retz., extract
DEF:Indian plant belonging to the family GRAMINEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:24 mg/kg IJEBA6 18,594,80

PHALDRONE see: FM8750000

SE9800000 PHALLOIDIN
UPDT:8408 CAS: 17466-45-4 MW: 788.97 MOLFM: C35-H48-N8-O11-S
SYN: PHALLOIDINE
TOXICITY DATA AND REFERENCES:
* orl-mam LDLo:1000 ug/kg CTOXAO 17,45,80
ipr-mus LD50:2 mg/kg NEJMAG 269,223,63

SF0100000 PHALLOIDIN, 7-DE-L-ALANYL-7-GLYCYL-
UPDT:8305 MW: 774.94 MOLFM: C34-H46-N8-O11-S
SYN: 7-DE-L-ALANYL-7-GLYCYLPHALLOIDIN
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:7500 ug/kg 37OBAT 5,243,77

SF0120000 PHALLOIDIN, 7-DE-L-ALANYL-7-LEUCYL-
UPDT:8305 MW: 829.04 MOLFM: C38-H52-N8-O11-S
SYN: 7-DE-L-ALANYL-7-LEUCYLPHALLOIDIN
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:2500 ug/kg 37OBAT 5,243,77

SF0140000 PHALLOIDIN, 7-DE-L-ALANYL-7-VALYL-
UPDT:8305 MW: 815.01 MOLFM: C37-H50-N8-O11-S
SYN: 7-DE-7-ALANYL-7-VALYLPHALLOIDIN
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:2500 ug/kg 37OBAT 5,243,77

PHALLOIDINE see: SE9800000

SF0230500 PHALLOIDIN, 6-PHENYL-
UPDT:8305 MW: 865.07 MOLFM: C41-H52-N8-O11-S
SYN: 6-PHENYLPHALLOIDIN
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:20 mg/kg 37OBAT 5,243,77

PHALSA EXTRACT (Indian) see: ME2910700
PHALSA, seed extract (Indian) see: ME2910300
PHALTAN see: TI5685000
PHANANTIN see: MU1050000
PHANAS EXTRACT (Indian) see: CI4080000
PHANATINE see: MU1050000
PHANDER EXTRACT (Indian) see: TK1190000
PHANODORM see: CQ2975000
PHANODORN see: CQ2975000
PHANQUINONE see: SF8423000
PHANQUINONUM see: SF8423000
PHANQUONE see: SF8423000
PHANTOMOLIN see: UD3418000
PHAPRA, extract (Indian) see: LG0175920 FAGOPYRUM CYMOSUM Meissn., extract
PHARGAN see: SO6825000
PHARLON see: KG5793000
PHARMACID GREEN S see: BQ1150000
PHARMACILLIN see: XH9400000
PHARMACINE YELLOW R see: DV3910000
PHARMAGEL A see: LX8580000
PHARMAGEL AdB see: LX8580000
PHARMAGEL B see: LX8580000
PHARMAMEDRINE see: SI1750000
PHARMANIL RED RB see: QJ6478000
PHARMANTHRENE GOLDEN YELLOW see: HO7030000
PHARMATEX YELLOW G see: DV3910000
PHARMAZOID RED KB see: XU5075000
PHARMEDRINE see: SI1750000
PHARMETTEN see: CQ6825000
PHAROS 100.1 see: WL6478000

SF0861270 PHASEOLUS TRILOBUS Ait., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 9,91,71)
UPDT:8302
SYN: MUGANI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg IJEBA6 9,91,71

SF0861280 PHASEOLUS VULGARIS L., extract
UPDT:8412
MUTATION DATA AND REFERENCES:
mma-sat 400 mg/plate JAFCAU 31,1020,83

PHASOLON see: TD5175000
PH BC see: DN8780000
PHBN see: EL6140000
PHC see: FC3150000
M-PHDM see: ON6125000
(D-PHE(sup 2)-ALA(sup 3)-ALA(sup 4)-D-PHE(sup 6))-LHRH see: OK6606000
(D-PHE(sup 2)-ALA(sup 3)-ALA(sup 4)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6606000
(D-PHE(sup 2))-(D-ALA(sup 6))-LHRH see: OK6600000
(D-PHE(sup 2))-(D-ALA(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6600000
(D-PHE(sup 2)-D-ARG(sup 6))-LHRH see: OK6610000
(D-PHE(sup 2)-D-ARG(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6610000
PHEBUZIN see: UQ8225000
PHEBUZINE see: UQ8225000
PHEDOXE see: SH5075000
PHEDRISOX see: SH5075000
PHELAZIN see: MV8750000
(D-PHE(sup 2)-D-LEU(sup 6))-LHRH see: OK6620000
(D-PHE(sup 2)-D-LEU(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6620000
(D-PHE(sup 2)-LEU(sup 3)-D-PHE(sup 6))-LHRH see: OK6622000
(D-PHE(sup 2)-LEU(sup 3)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HOROMONE see: OK6622000

(D-PHE(sup 2)-LEU(sup 3)-D-TRP(sup 6))-LHRH see: OK6624000
(D-PHE(sup 2)-LEU(sup 3)-D-TRP(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6624000
(D-PHE(sup 2)-LEU(sup 3)-D-TRP(sup 6)-ME-LEU(sup 7))-LHRH see: OK6626000
(D-PHE(sup 2)-LEU(sup 3)-D-TRP(sup 6)-ME-LEU(sup 7))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6626000
alpha-PHELLANDRENE see: OS8080000
(D-PHE(sup 2))-(2-ME-ALA(sup 6))-LHRH see: OK6630000
(D-PHE(sup 2))-(2-ME-ALA(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6630000
(D-PHE(sup 2)-ME-LEU(sup 3)-D-PHE(sup 6))-LHRH see: OK6633000
(D-PHE(sup 2)-ME-LEU(sup 3)-D-PHE(sup 6))-LUTFINIZING HORMONE-RELEASING HORMONE see: OK6633000
PHEMERIDE see: BO7175000
PHE-MER-NITE see: OW8400000
PHEMERNITE see: OW8575000
PHEMEROL see: BO7175000
PHEMEROL CHLORIDE see: BO7175000
PHEMERSOL CHLORIDE see: BO7175000
PHEMITHYN see: BO7175000
PHENACAINE see: AD0350000
PHENACAINE HYDROCHLORIDE see: AD0525000
PHENACALUM see: YU0875000
PHENACEMIDE see: YU0875000
PHENACEREUM see: YU0875000
PHENACET see: AM4375000
PHENACETALDEHYDE DIMETHYL ACETAL see: AB3040000
PHENACETIN see: AM4375000
para-PHENACETIN see: AM4375000
PHENACETINE see: AM4375000
PHENACETINUM see: AM4375000
PHENACETUR see: YU0875000
PHENACETYLCARBAMIDE see: YU0875000
PHENACETYL CHLORIDE see: AO7000000
PHENACETYLUREA see: YU0875000
PHENACHLOR see: SN1575000
PHENACID see: AF5456000
PHENACIDE see: XW5250000
PHENACITE see: VV8925000
PHENACITIN see: AM4375000
PHENACON see: AM4375000
PHENACTYL see: SN8925000
PHENACYLAMINE see: AM5775000
PHENACYL 6-AMINOPENICILLINATE see: XH8225000
1-(alpha-PHENACYLBENZYL)-3,4-DIHYDRO-2(1H)-NAPHTHALENONE see: QK5035000
PHENACYL BROMIDE see: AM5978400
PHENACYL BROMIDE (DOT) see: AM5978400
PHENACYL CHLORIDE see: AM6300000
N-PHENACYL-(beta-CYANOETHYL)-PIPERIDINIUM BROMIDE see: TN4724080
PHENACYLIDENEHYDRAZIDE of 1-PIPERIDINEACETIC ACID HYDROCHLORIDE see: TM3572000
PHENADONE see: MJ5950000
PHENADONE HYDROCHLORIDE see: MJ6130000
PHENADOR-X see: DU8050000
PHENAEMAL see: CQ6825000
PHENAGLYCODOL see: EK1050000
PHENAKITE see: VV8925000
PHENALCO see: OW8400000

SF6100000 PHENALEN-2-AMINE, 2,3-DIHYDRO-N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8412 CAS: 32828-84-5 MW: 247.79 MOLFM: C15-H17-N Cl-H
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:104 mg/kg CHTPBA 6,196,71

SF6110000 PHENALEN-2-AMINE, 2,3-DIHYDRO-, HYDROCHLORIDE
UPDT:8412 CAS: 33448-24-7 MW: 219.73 MOLFM: C13-H13-N Cl-H
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:88 mg/kg CHTPBA 6,196,71

SF6125000 PHENALENO(1,9-gh)QUINOLINE
UPDT:8401 CAS: 189-92-4 MW: 253.31 MOLFM: C19-H11-N
SYN: PYRENOLINE * PYRIDO(2',3':4)PYRENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:72 mg/kg/9W-I COREAF 258,3387,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SF6126000 PHENALENO(1,9-gh)QUINOLINE, 4,5-DIHYDRO-4,5-EPOXY-
UPDT:8406 MW: 269.31 MOLFM: C19-H11-N-O
SYN: 10-AZABENZO(a)PYRENE-4,5-OXIDE
MUTATION DATA AND REFERENCES:
dnd-mam:lym 2 gm/L CPBTAL 31,2924,83

PHENALGENE see: AD7350000
PHENALGIN see: AD7350000
PHENALONE see: RQ2975000
PHENALZINE see: MV8750000
PHENALZINE DIHYDROGEN SULFATE see: MV8750000
PHENALZINE HYDROGEN SULPHATE see: MV8750000
PHENAMACIDE HYDROCHLORIDE see: MC0840000
PHENAMIDE see: ON9110800
PHENAMIDE see: AB4549190
PHENAMINE see: SI1750000
PHENAMINE BLACK BCN-CF see: QJ6160000
PHENAMINE BLACK CL see: QJ6160000
PHENAMINE BLACK E see: QJ6160000
PHENAMINE BLACK E 200 see: QJ6160000
PHENAMINE BLUE BB see: QJ6400000
PHENAMINE BRILLIANT BLUE 6B see: QJ6430000
PHENAMINE DARK GREEN B see: QJ6195050
PHENAMINE PURPURINE 4B see: QK1765000
PHENAMINE SCARLET 3B see: QJ6476000
PHENAMINE SKY BLUE A see: QJ6420000
PHENAMINE, TETRAHYDRO-N-METHYL-N-NITROSO-3-THIO-, 1,1-DIOXIDE see: XM7250000
PHENAMIPHOS see: TB3675000
PHENAMIZOL see: XJ4020000
PHENAMIZOLE see: XJ4020000
PHENAMIZOLE HYDROCHLORIDE see: XJ4025000
PHENAMPROMID see: UE5410000 PROPIONANILIDE, N-(1-METHYL-2-PIPERIDINOETHYL)-
PHENAMPROMIDE see: UE5410000 PROPIONANILIDE, N-(1-METHYL-2-PIPERIDINOETHYL)-

SF6850000 PHEANTHINE
UPDT:8402 CAS: 1263-79-2 MW: 622.82 MOLFM: C38-H42-N2-O6
SYN: BERBAMAN, 6,6',7,12-TETRAMETHOXY-2,2'-DIMETHYL-, (1 beta)- * O,O-DIMETHYLKRUKOVINE * (-)-TETRANDRINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:60 mg/kg APFRAD 21,829,63

SF6870000 PHEANTHINE, METHIODIDE
UPDT:8402 MW: 764.76 MOLFM: C38-H42-N2-O6 C-H3-I
SYN: PHAEANTHINE IODOMETHYLATE (French)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:2250 ug/kg APFRAD 21,829,63

SF6875000 PHEANTHINE, METHOBROMIDE
UPDT:8402 MW: 717.77 MOLFM: C38-H42-N2-O6 C-H3-Br
SYN: PHAEANTHINE BROMOMETHYLATE (French)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1870 ug/kg APFRAD 21,829,63

PHENANTHRA-ACENAPHTHENE see: QI9457700
9,10-PHENANTHRAQUINONE see: SF7875000
PHENANTHREN (German) see: SF7175000

SF7175000 PHENANTHRENE
UPDT:8408 CAS: 85-01-8 MW: 178.24 MOLFM: C14-H10
SYN: PHENANTHREN (German) * PHENANTRIN
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate APSXAS 17,189,80
dnd-sal:spr 3 gm/L BIPMAA 5,477,67
dnd-sal:tes 5 ug/1H-C BIJOAK 110,159,68
msc-hmn:lym 100 umol/L DTESD7 10,277,82
dnd-rat:lvr 3 mmol/L SinJF# 26OCT82
dnd-ham:fbr 5 mg/L/24H BCPCA6 20,1297,71
dnd-ham:kdy 5 mg/L BCPCA6 20,1297,71
cyt-ham:lng 40 mg/L/27H MUREAV 66,277,79
sce-ham-ipr 900 mg/kg/24H MUREAV 66,65,79
sce-ham:fbr 10 umol/L JNCIAM 58,1635,77
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:71 mg/kg JNCIAM 50,1717,73
2V03R60 skn-mus TD :22 gm/kg/10W-I BJCAAI 10,363,56
TOXICITY DATA AND REFERENCES:
orl-mus LD50:700 mg/kg HYSAAV 29(6),19,64
* ipr-mus LD50:700 mg/kg JJIND8 62,911,79
* ivn-mus LD50:56 mg/kg CSLNX* NX#00190
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 32,419,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SF7182600 PHENANTHRENE-delta(sup 2(1H),alpha)-ACETIC ACID, 3,4,4a-alpha,4b-beta,5,6,7,8,8a-alpha,9,10, 10a-beta-DODECAHYDRO-7-(AMIDINOHYDRAZONO)-4b-METHYL-, 2-(DIMETHYLAMINO)ETHYL ESTER, DIHYDROCHLORIDE
UPDT:8406 MW: 476.56 MOLFM: C22-H37-N5-O2 2Cl-H
TOXICITY DATA AND REFERENCES:
2G04J30 ivn-dog LDLo:2361 ug/kg JMCMAR 10,582,67

SF7182700 PHENANTHRENE-delta(sup 2(1H),alpha)-ACETIC ACID, 3,4,4a-alpha,4b-beta,5,6,7,8,8a-alpha,9,10, 10a-beta-DODECAHYDRO-1-beta,4b-DIMETHYL-7-beta-HYDROXY-, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE, (E)-
UPDT:8406 MW: 400.06 MOLFM: C22-H37-N-O3 Cl-H
TOXICITY DATA AND REFERENCES:
1J30 ivn-dog LDLo:1100 ug/kg JMCMAR 10,582,67

SF7182800 PHENANTHRENE-delta(sup 2(1H),alpha)-ACETIC ACID, 3,4,4a-alpha,4b-beta,5,6,7,8,8a-alpha,9,10, 10a-beta-DODECAHYDRO-7-(1,3-DITHIOLAN-2-YL)-, 2-(DIMETHYLAMINO)ETHYL ESTER, 1',1',3',3'- TETRAOXIDE, HYDROCHLORIDE
UPDT:8406 MW: 510.16 MOLFM: C22-H35-N-O6-S2 Cl-H
TOXICITY DATA AND REFERENCES:
2G04J30 ivn-dog LDLo:2154 ug/kg JMCMAR 10,582,67

SF7182900 PHENANTHRENE-delta(sup 2(1H),alpha)-ACETIC ACID, 3,4,4a-alpha,4b-beta,5,6,7,8,8a-beta,9,10, 10a-beta-DODECAHYDRO-7-alpha-HYDROXY-, 2-(DIMETHYLAMINO)ETHYL ESTER, METHANESULFONATE, dl-
UPDT:8406 MW: 431.65 MOLFM: C20-H33-N-O3 C-H4-O3-S
TOXICITY DATA AND REFERENCES:
* ivn-dog LDLo:5146 ug/kg JMCMAR 10,582,67

SF7183000 PHENANTHRENE-delta(sup2(1H), alpha)-ACETIC ACID, 3,4,4a-alpha, 4b-beta,5,6,7,8,8a-beta,9,10, 10a-beta-DODECAHYDRO-7-beta-HYDROXY-, 3-(DIMETHYLAMINO)PROPYL ESTER, HYDROCHLORIDE
UPDT:8407 MW: 386.03 MOLFM: C21-H35-N-O3 Cl-H
TOXICITY DATA AND REFERENCES:
* ivn-dog LDLo:4417 ug/kg JMCMAR 10,582,67

SF7183100 PHENANTHRENE-delta(sup 2(1H),alpha)-ACETIC ACID, 3,4,4a-alpha,4b-beta,5,6,7,8,8a-alpha,9,10, 10a-beta-DODECAHYDRO-7-beta-HYDROXY-4b-METHYL-, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE, dl-
UPDT:8406 MW: 386.03 MOLFM: C21-H35-N-O3 Cl-H
TOXICITY DATA AND REFERENCES:
1J30 ivn-dog LDLo:4417 ug/kg JMCMAR 10,582,67

SF7183200 PHENANTHRENE-delta(sup 2(1H),alpha)-ACETIC ACID, 3,4,4a-alpha,4b-beta,5,6,7,8,8a-alpha,9,10, 10a-beta-DODECAHYDRO-7-beta-HYDROXY-4b-METHYL-, 2-(DIMETHYLAMINO)ETHYL ESTER, METHANESULFONATE, (E)-
UPDT:8406 MW: 445.68 MOLFM: C21-H35-N-O3 C-H4-O3-S
TOXICITY DATA AND REFERENCES:
* ivn-dog LDLo:2550 ug/kg JMCMAR 10,582,67

SF7183300 PHENANTHRENE-delta(sup 2(1H),alpha)-ACETIC ACID, 3,4,4a-alpha,4b-beta,5,6,7,8,8a-alpha,9,10, 10a-beta-DODECAHYDRO-7-beta-HYDROXY-4b-METHYL-, 2-(DIMETHYLAMINO)ETHYL ESTER, METHANESULFONATE, (Z)-
UPDT:8406 MW: 445.68 MOLFM: C21-H35-N-O3 C-H4-O3-S
TOXICITY DATA AND REFERENCES:
1J30 ivn-dog LDLo:10 mg/kg JMCMAR 10,582,67

SF7183400 PHENANTHRENE-delta(sup 2(1H),alpha)-ACETIC ACID, 3,4,4a-alpha,4b-beta,5,6,7,8,8a-alpha,9,10, 10a-beta-DODECAHYDRO-4b-METHYL-, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 370.03 MOLFM: C21-H35-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
1J30 ivn-dog LDLo:9 mg/kg JMCMAR 10,582,67

SF7183500 PHENANTHRENE-delta(sup 2(1H),alpha)-ACETIC ACID, 3,4,4a-alpha,4b-beta,5,6,7,8,8a-alpha,9,10, 10a-beta-DODECAHYDRO-4b-METHYL-7-OXO-, 2-AMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 355.95 MOLFM: C19-H29-N-O3 Cl-H
TOXICITY DATA AND REFERENCES:
1G04 ivn-dog LDLo:18 mg/kg JMCMAR 10,582,67

SF7183600 PHENANTHRENE-delta(sup 2(1H),alpha)-ACETIC ACID, 3,4,4a-alpha,4b-beta,5,6,7,8,8a-alpha,9,10, 10a-beta-DODECAHYDRO-4b-METHYL-7-OXO-, 4-(DIMETHYLAMINO)BUTYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 417.07 MOLFM: C23-H37-N-O3 Cl-H
TOXICITY DATA AND REFERENCES:
1J30 ivn-dog LDLo:1097 ug/kg JMCMAR 10,582,67

SF7183700 PHENANTHRENE-delta(sup 2(1H),alpha)-ACETIC ACID, 3,4,4a-alpha,4b-beta,5,6,7,8,8a-alpha,9,10, 10a-beta-DODECAHYDRO-7-OXO-, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT 8406 MW: 369.98 MOLFM: C20-H31-N-O3 Cl-H

TOXICITY DATA AND REFERENCES:

* ivn-dog LDLo:2240 ug/kg JMCMAR 10,582,67

SF7183800 PHENANTHRENE-delta(sup 2(1H),alpha)-ACETIC ACID, 3,4,4a-alpha,4b-beta,5,6,7,8,8a-beta,9,10, 10a-beta-DODECAHYDRO-7-OXO-, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT 8406 MW: 369.98 MOLFM: C20-H31-N-O3 Cl-H

TOXICITY DATA AND REFERENCES:

* ivn-dog LDLo:2219 ug/kg JMCMAR 10,582,67

SF7183900 PHENANTHREHE-delta(sup 2(1H),alpha)-ACETIC ACID, 3,4,4a-alpha,4b-beta,5,6,7,8,8a-alpha,9,10, 10a-beta-DODECAHYDRO-7-OXO-, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE, (E)-

UPDT 8406 MW: 369.98 MOLFM: C20-H31-N-O3 Cl-H

TOXICITY DATA AND REFERENCES:

* ivn-dog LDLo:2187 ug/kg JMCMAR 10,582,67

SF7183950 PHENANTHRENE-delta(sup 2(1H),alpha)-ACETIC ACID, 3,4,4a-alpha,4b-beta,5,6,7,8,8a-alpha,9,10, 10a-beta-DODECAHYDRO-7-OXO-, 3-(DIMETHYLAMINO)PROPYL ESTER, METHANESULFONATE, (E,Z)-

UPDT 8406 MW: 443.66 MOLFM: C21-H33-N-O3 C-H4-O3-S

TOXICITY DATA AND REFERENCES:

1J30 ivn-dog LDLo:638 ug/kg JMCMAR 10,582,67

SF7195000 PHENANTHRENE-2-ACRYLIC ACID, 4b,5,6,7,8,8a,9,10-OCTAHYDRO-8-CARBOXY-3-METHOXY-beta,4b,8- TRIMETHYL-, 2-ETHYL ESTER, 8-METHYL ESTER

UPDT 8302 MW: 415.60 MOLFM: C25-H35-O5

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13 unk-rat TDLo:150 mg/kg (30D pre) RPHRA6 20,395,64

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SF7197000 PHENANTHRENE, 9-BROMO-

UPDT 8306 CAS: 573-17-1 MW: 257.14 MOLFM: C14-H9-Br

SYN: 9-BROMOPHENANTHRENE * 9-PHENATHRYL BROMIDE

MUTATION DATA AND REFERENCES:

mma-sat 10 ug/plate MUREAV 116,91,83

SF7280000 2-PHENANTHRENECARBOXYLIC ACID, 9,10-DIHYDRO-

UPDT 8307 CAS: 64057-62-1 MW: 224.27 MOLFM: C15-H12-O2

SYN: 9,10-DIHYDRO-2-PHENANTHRENECARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:259 mg/kg JMCMAR 15,1336,72

SF7300000 2-PHENANTHRENECARBOXYLIC ACID, 1-ETHYL-1,2,3,4-TETRAHYDRO-7-METHOXY-2-METHYL-, cis-(+-)-

UPDT 8401 CAS: 5684-13-9 MW: 298.41 MOLFM: C19-H22-O3

SYN: BISDEHYDROISYNOLIC ACID METHYL ESTER * DEHYDROFOLLICULINIC ACID * DOISYNOESTROL * 1-ETHYL-2-METHYL-7-METHOXY-1,2,3,4-TETRAHYDROPHENANTHRYL-2-CARBOXYLIC ACID * FENOCYCLIN * FENOCYCLINE * 7-METHYLBISDEHYDRODOISYNOLIC ACID * METILESTER del ACIDO BISDEHIDROISYNOLICO (Spanish) * 16,17-SECO-13-alpha-ESTRA-1,3,5,6,7,9-PENTAEN-17-OIC ACID, METHYL ESTER * SURESTRINE * SURESTRYL * TETRADEHYDRODOISYNOLIC ACID METHYL ETHER

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25 orl-rat TDLo:500 ug/kg (5D preg) CCPTAY 14,487,76

1T13 orl-rat TDLo:1 mg/kg (4-7D preg) CCPTAY 14,487,76

1T02 imp-ham TDLo:160 mg/kg (54W male) ENDOAO 57,255,55

TUMORIGENIC DATA AND REFERENCES:

2V03T64 imp-gpg TDLo:3952 ug/kg BSBSAS 8,142,51

2V03M61 imp-ham TDLo:437 mg/kg CNREA8 12,274,52

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SF7325000 1-PHENANTHRENECARBOXYLIC ACID, TETRADECAHYDRO-9-HYDROXY-7-(2-(2-(METHYLAMINO)ETHOXY)-2- OXOETHYLIDENE)-1,4a,8-TRIMETHYL-, METHYL ESTER

UPDT 8307 CAS: 36150-73-9 MW: 421.64 MOLFM: C24-H39-N-O5

SYN: ERYTHROPHLEINE * NORCASSAMIDINE

IRRITATION DATA AND REFERENCES:

eye-rbt 1% OPHTAD 143,154,62

SF7325050 PHENANTHRENE, 9-CHLORO-

UPDT 8306 CAS: 947-72-8 MW: 212.68 MOLFM: C14-H9-Cl

SYN: 9-CHLOROPHENANTHRENE * 10-CHLOROPHENANTHRENE

MUTATION DATA AND REFERENCES:

mma-sat 10 ug/plate MUREAV 116,91,83

SF7325100 PHENANTHRENE, 1,2-DIHYDRO-

UPDT 8401 CAS: 56179-83-0 MW: 180.26 MOLFM: C14-H12

SYN: 1,2-DIHYDROPHENANTHRENE

TUMORIGENIC DATA AND REFERENCES:

2V03R60 skn-mus TDLo:72 mg/kg CNREA8 39,4069,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENANTHRENE-1,2-DIHYDRODIOL see: SF7353000

PHENANTHRENE-3,4-DIHYDRODIOL see: SF7353100

PHENANTHRENE, 9,10-DIHYDRO-9,10-DIOXO see: SF7875000

SF7352000 PHENANTHRENE, 9,10-DIHYDRO-9,10-EPOXY-

UPDT 8401 CAS: 585-08-0 MW: 194.24 MOLFM: C14-H10-O

SYN: 9,10-EPOXY-9,10-DIHYDROPHENANTHRENE * PHENANTHRENE-9,10-EPOXIDE * 9,10-PHENANTHRENE OXIDE * PHENANTHRO(9,10-b)OXIRENE, 1a,9b-DIHYDRO- (9CI)

MUTATION DATA AND REFERENCES:

mma-sat 100 ug/plate MUREAV 66,337,79

dni-omi 100 ug/L PNASA6 74,1378,77

pic-omi 493 umol/L NNBYA7 234,186,71

dnd-ham:kdy 5 mg/L BCPCA6 20,1297,71

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10 skn-mus TDLo:40 mg/kg JNCIAM 39,1217,67

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SF7352500 PHENANTHRENE, 1,4-DIMETHYL-

UPDT 8404 CAS: 22349-59-3 MW: 206.30 MOLFM: C16-H14

SYN: 1,4-DIMETHYLPHENANTHRENE

MUTATION DATA AND REFERENCES:

mma-sat 50 ug/plate MUREAV 116,91,83

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 32,349,83

SF7352510 PHENANTHRENE, 4,10-DIMETHYL-

UPDT 8306 MW: 206.30 MOLFM: C16-H14

SYN: 4,10-DIMETHYLPHENANTHRENE

MUTATION DATA AND REFERENCES:

mma-sat 10 ug/plate MUREAV 116,91,83

SF7353000 1,2-PHENANTHRENEDIOL, 1,2-DIHYDRO-

UPDT 8401 MW: 212.26 MOLFM: C14-H12-O2

SYN: 1,2-DIHYDRO-1,2-PHENANTHRENEDIOL * PHENANTHRENE-1,2-DIHYDRODIOL

TUMORIGENIC DATA AND REFERENCES:

2V03R60 skn-mus TDLo:85 mg/kg CNREA8 39,4069,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SF7353100 3,4-PHENANTHRENEDIOL, 3,4-DIHYDRO-

UPDT 8401 MW: 212.26 MOLFM: C14-H12-O2

SYN: 3,4-DIHYDROMORPHOL * 3,4-DIHYDRO-3,4-PHENANTHRENEDIOL * PHENANTHRENE-3,4-DIHYDRODIOL

TUMORIGENIC DATA AND REFERENCES:

2V03R60 skn-mus TDLo:85 mg/kg CNREA8 39,4069,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SF7353900 9,10-PHENANTHRENEDIOL, 9,10-DIHYDRO-

UPDT 8403 CAS: 25061-77-2 MW: 212.26 MOLFM: C14-H12-O2

SYN: 9,10-DIHYDRO-9,10-HYDROXY PHENANTHRENE

MUTATION DATA AND REFERENCES:

dnd-ham:kdy 5 mg/L BCPCA6 20,1297,71

SF7356000 9,10-PHENANTHRENEDIOL, 9,10-DIHYDRO- (Z)-

UPDT 8307 MW: 212.26 MOLFM: C14-H12-O2

SYN: 9,10-DIHYDRO-9,10-PHENANTHRENEDIOL (Z)- * (Z)-9,10-DIHYDROXY-9,10-DIHYDROPHENANTHRENE

MUTATION DATA AND REFERENCES:

mma-sat 500 ug/plate MUREAV 66,337,79

SF7400000 1-beta,2-alpha-PHENANTHRENEDIOL, 3-alpha,4-alpha-EPOXY-1,2,3,4-TETRAHYDRO-, (+-)-

UPDT 8401 MW: 228.26 MOLFM: C14-H12-O3

SYN: (+-)-1-beta,2-alpha-DIHYDROXY-3-alpha,4-alpha-EPOXY-1,2,3,4-TETRAHYDROPHENANTHRENE * (+-)-3-alpha,4-alpha-EPOXY-1,2,3,4-TETRAHYDRO-1-beta,2-alpha-PHENANTHRENEDIOL

TUMORIGENIC DATA AND REFERENCES:

3V03J60L60 ipr-mus TDLo:59 mg/kg/15D-I CNREA8 39,5063,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

9,10-PHENANTHRENEDIONE see: SF7875000

PHENANTHRENE-9,10-EPOXIDE see: SF7352000

SF7705500 PHENANTHRENE, 9-(EPOXYETHYL)-

UPDT 8401 CAS: 33424-05-4 MW: 220.28 MOLFM: C16-H12-O

SYN: 9-(EPOXYETHYL)PHENANTHRENE * 9-PHENANTHRYLOXIRANE

MUTATION DATA AND REFERENCES:

mma-sat 1 nmol/plate CNREA8 38,3247,78

dnd-omi 900 umol/L CNREA8 38,3247,78

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

SF7707000 PHENANTHRENE, 1,2-EPOXY-1,2,3,4-TETRAHYDRO-

UPDT 8401 MW: 196.26 MOLFM: C14-H12-O

SYN: 1,2-EPOXY-1,2,3,4-TETRAHYDROPHENANTHRENE

MUTATION DATA AND REFERENCES:

mma-sat 1 nmol/plate CNREA8 39,4069,79

msc-ham:lng 1 nmol/plate CNREA8 39,4069,79

TUMORIGENIC DATA AND REFERENCES:

3V02J60L60 ipr-mus TDLo:50 mg/kg/15D-I CNREA8 39,5063,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SF7730000 PHENANTHRENE, 9-FLUORO-

UPDT 8306 CAS: 440-21-1 MW: 196.23 MOLFM: C14-H9-F

SYN: 9-FLUOROPHENANTHRENE

MUTATION DATA AND REFERENCES:

mma-sat 10 ug/plate MUREAV 116,91,83

SF7790000 9-PHENANTHRENEMETHANOL, 1,3-DICHLORO-alpha-(2-(DIBUTYLAMINO)ETHYL)-6-(TRIFLUOROMETHYL)-, HYDROCHLORIDE

UPDT 8406 CAS: 36167-63-2 MW: 536.93 MOLFM: C26-H30-Cl2-F3-N-O Cl-H

SYN: 1,3-DICHLORO-6-TRIFLUOROMETHYL-9-(3-(DIBUTYLAMINO)-1-HYDROXYPROPYL)PHENANTHRENE HCl * 1-(1,3-DICHLORO-6-TRIFLUOROMETHYL-9-PHENANTHRYL)-3-(DI-n-BUTYLAMINO)PROPANOL HYDROCHLORIDE * HALOFANTRINE HYDROCHLORIDE * HALOFANTRINO (Spanish) * WR-171,669

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T35 orl-rat TDLo:240 mg/kg (6D preg) TOXID9 4,85,84

1T34 orl-rat TDLo:120 mg/kg (6D preg) TOXID9 4,85,84

TOXICITY DATA AND REFERENCES:

2K13K30 orl-man TDLo:18 mg/kg/D DRFUD4 5,547,80

2K13U01 orl-rat LD50:3400 mg/kg ACTRAQ 37,232,80

2K13U01 ipr-rat LD50:2050 mg/kg ACTRAQ 37,232,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SF7810000 PHENANTHRENE, 1-METHYL-

UPDT 8404 CAS: 832-69-9 MW: 192.27 MOLFM: C15-H12

SYN: 1-METHYLPHENANTHRENE

MUTATION DATA AND REFERENCES:

mma-sat 80 umol/L/2H CNREA8 39,4152,79

msc-hmn:lym 30 umol/L ENMUDM 4,304,82

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 32,405,83

SF7816000 PHENANTHRENE, 9-METHYL-

UPDT 8308 CAS: 883-20-5 MW: 192.27 MOLFM: C15-H12

SYN: 9-METHYLPHENANTHRENE

MUTATION DATA AND REFERENCES:

mma-sat 30 ug/plate CNREA8 41,3441,81

msc-hmn:lym 4 umol/L DTESD7 10,277,82

9,10-PHENANTHRENE OXIDE see: SF7352000

SF7875000 PHENANTHRENEQUINONE

UPDT 8401 CAS: 84-11-7 MW: 208.22 MOLFM: C14-H8-O2

SYN: 9,10-PHENANTHRAQUINONE * 9,10-PHENANTHRENEDIONE * PHENANTHRENE, 9,10-DIHYDRO-9,10-DIOXO- * 9,10-PHENANTHRENEQUINONE

TUMORIGENIC DATA AND REFERENCES:

3V03R60V10 skn-mus TDLo:800 mg/kg/29W-C PIATA8 16,309,40

TOXICITY DATA AND REFERENCES:

ipr-mus LDLo:165 mg/kg HBTXAC 5,110,59

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

9,10-PHENANTHRENEQUINONE see: SF7875000

PHENANTHRENETETRAHYDRO-3,4-EPOXIDE see: SF8470000

SF7900000 PHENANTHRENE, 1,2,3,4-TETRAMETHYL-

UPDT 8401 CAS: 4466-77-7 MW: 234.36 MOLFM: C18-H18

SYN: 1,2,3,4-TETRAMETHYLPHENANTHRENE

TUMORIGENIC DATA AND REFERENCES:

3V03J60R60 skn-mus TDLo:1340 mg/kg/56W-I PRLBA4 131,170,42

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SF7925000 PHENANTHRENE, TETRAMETHYL-, RUTHENIUM SALT

UPDT 8401

SYN: RUTHENIUM SALT of TETRAMETHYLPHENANTHRENE

TUMORIGENIC DATA AND REFERENCES:

3V03P62R60 scu-mus TDLo:1000 mg/kg/I BECCAN 40,30,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

N-(2-PHENANTHRENYL)ACETOHYDROXAMIC ACID see: AL1030000 ACETOHYDROXAMIC ACID, N-(2-PHENANTHRENYL)-

N-(2-PHENANTHRENYL)DIACETAMIDE see: HI4002000 DIACETAMIDE, N-(2-PHENANTHRENYL)-

SF7928000 PHENANTHRIDINE
UPDT 8411 CAS: 229-87-8 MW: 179.23 MOLFM: C13-H9-N
SYN: 5-AZAPHENAN' 4RENE * 9-AZAPHENANTHRENE * 3,4-BENZOISOQUINOLINE * BENZO(c)QUINOLINE * 3,4-BENZC QUINOLINE * 6-PHENANTHRIDINE

MUTATION DATA AND REFERENCES:

mma-sat 50 ug/plate	50NNAZ 7,73,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

6-PHENANTHRIDINE see: SF7928000

SF7942000 PHENANTHRIDINIUM, 3-AMINO-8-AZIDO-5-ETHYL-6-PHENYL-, BROMIDE
UPDT 8403 CAS: 58880-05-0 MW: 420.35 MOLFM: C21-H18-N5 Br
SYN: 3-AMINO-8-AZIDO-5-ETHYL-6-PHENYLPHENANTHRIDINIUM BROMIDE * ETHIDIUM AZIDE * MONOAZIDO ETHIDIUM

MUTATION DATA AND REFERENCES:

mmo-smc 2 umol/L/30M	MUREAV 56,21,77

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

SF7942100 PHENANTHRIDINIUM, 3(or 8)-AMINO-8(or 3)-AZIDO-5-ETHYL-6-PHENYL-, CHLORIDE
UPDT 8412 MW: 375.89 MOLFM: C21-H18-N5 Cl
SYN: 3(or 8)-AMINO-8(or 3)-AZIDO-5-ETHYL-6-PHENYL PHENANTHRIDINIUM CHLORIDE

MUTATION DATA AND REFERENCES:

mma-sat 500 ng/plate	MUREAV 121,89,83
mmo-smc 10 umol/L	JMOBAK 92,319,75
dnd-mam:lym 83 umol/L	JMOBAK 92,319,75

SF7946000 PHENANTHRIDINIUM, 3,8-BIS(DIMETHYLAMINO)-5-METHYL-6-PHENYL-, IODIDE
UPDT 8408 MW: 483.43 MOLFM: C24-H26-N3 I
SYN: 3,8-BIS(DIMETHYLAMINO)-5-METHYL-6-PHENYLPHENANTHRIDINIUM IODIDE * COMPOUND 73-638 * 3,8-DIMETHYLAMINO-6-PHENYLPHENANTHRIDINIUM METHIODIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:2500 ug/kg	IJEBA6 17,1350,79

SF7949600 PHENANTHRIDINIUM, 3,8-DIAMINO-5-(3-(DIETHYLMETHYLAMMONIO)PROPYL)-6-PHENYL-, DIIODIDE
UPDT 8412 CAS: 25535-16-4 MW: 668.45 MOLFM: C27-H34-N4 2I
SYN: 3,8-DIAMINO-5-(3-(DIETHYLMETHYLAMMONIO)PROPYL)-6-PHENYLPHENANTHRIDINIUM DIIODIDE * PROPIDIUM DIIODIDE * PROPIDIUM IODIDE

MUTATION DATA AND REFERENCES:

mma-sat 200 ug/plate	MUREAV 127,31,84
mmo-smc 25 umol/L	MUREAV 82,87,81
mrc-smc 50 umol/L/3D-C	BBRCA9 84,501,78
dnd-hmn:lym 5 mg/L/4H	JULRA7 57,43,76
dnd-ham:ovr 5 mg/L/4H	JULRA7 57,43,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

SF7949800 PHENANTHRIDINIUM, 3,8-DIAMINO-5-ETHYL-6-PHENYL-
UPDT 8412 CAS: 3546-21-2 MW: 314.44 MOLFM: C21-H20-N3
SYN: ETHIDIUM * ETHIDIUM CATION * HOMIDIUM

MUTATION DATA AND REFERENCES:

mmo-sat 100 umol/L	AMACCQ 9,77,76
mma-sat 500 ng/plate	MUREAV 121,89,83
dni-mam:lym 100 umol/L	HXPHAU 38(Pt 2),623,75

SF7950000 PHENANTHRIDINIUM, 3,8-DIAMINO-5-ETHYL-6-PHENYL-, BROMIDE
UPDT 8412 CAS: 1239-45-8 MW: 394.35 MOLFM: C21-H20-N3 Br
SYN: 2,7-DIAMINO-10-ETHYL-9-PHENYLPHENANTHRIDINIUM BROMIDE * 2,7-DIAMINO-9-PHENYL-10-ETHYLPHENANTHRIDINIUM BROMIDE * 2,7-DIAMINO-9-PHENYLPHENANTHRIDINE ETHOBROMIDE * DROMILAC * ETHIDIUM BROMIDE * HOMIDIUM BROMIDE

MUTATION DATA AND REFERENCES:

mma-sat 200 ng/plate	MUREAV 127,31,84
dnr-sat 1 pph	AGACBH 4,286,74
mmo-esc 10 mg/L	CHDDAT 269,1708,69
dnr-esc 250 ug/disc	MUREAV 41,61,76
dnd-esc 15 umol/L	MUREAV 89,95,81
pic-esc 10 ug/plate	CNREA8 43,2819,83
dnr-bcs 20 uL/disc	MUREAV 97,1,82
mmo-omi 50 ug/L	MUREAV 74,113,80
mmo-omi 10 gm/L	JOBAAY 126,959,76
mmo-omi 5 umol/L	JDREAF 55,266,76
dnd-omi 100 ug/L	ECREAL 55,248,69
dnd-omi 2 mg/L	ECREAL 55,248,69
dnd-omi 600 mg/L	JMOBAK 33,141,68
dnd-omi 5 gm/L	CNREA8 40,3313,80
dnd-omi 300 mg/L	JMOBAK 77,479,73
dnd-nml 1 mol	BBACAQ 561,77,79
dnd-omi 1880 mg/L	BBACAQ 521,493,78
dni-omi 2 mg/L	MGGEAE 150,301,77
dni-omi 100 ug/L	NNBYA7 232,143,71
oms-omi 50 mg/L	IJBBBQ 19,285,82
sln-dmg-orl 3 mmol/L	MUREAV 97,203,82
dlt-dmg-orl 30 umol/L	MUREAV 97,203,82
mmo-smc 25 umol/L	JSPMAW 1,449,73
mrc-smc 1 pph	AGACBH 4,286,74
dnd-smc 50 umol/L	JBCHA3 249,6617,74
mmo-ssp 2 mg/L	MGGEAE 144,75,76
dni-eug 1 mg/L	JNCSAI 13, 7,73
oms-eug 20 mg/L	JNCSAI 13, 57,73
dni-nml:oth 50 mg/L	NATUAS 222,193,69
cyt-nml:oth 10 mg/L	NATUAS 222,193,69
cyt-nml:oth 10 mmol/L	AAMMAU 62,365,73
cyt-nml:oth 10 mmol/L	AAMMAU 62,365,73
dnd-hmn:lym 5 mg/L/4H	JULRA7 57,43,76
dnd-hmn:fbr 2 umol/L	CBINA8 11,101,75
dnd-hmn:leu 5 mg/L	NATUAS 263,679,76
dni-hmn:hla 40 umol/L	MUREAV 92,427,82
dnd-rat:lvr 200 umol/L	ECREAL 100,223,76
dns-rat:lvr 500 nmol/L	ENMUDM 3,11,81
dni-rat:lvr 500 nmol/L	MUREAV 113,145,83
dnd-mus:ast 117 umol/L	BBACAQ 374,96,74
dnd-mus:mmr 100 nmol/L	JOBIAO 84,145,78
dni-mus-ipr 100 mg/kg	MUREAV 46,305,77
cyt-mus:fbr 1 mg/L	MUREAV 33,417,75
cyt-mus:leu 5 mg/L	VAAZA2 27,79,78
cyt-mus:oth 10 mg/L	CHROAU 47,157,74
dnd-ham:ovr 5 mg/L/4H	JULRA7 57,43,76
dnd-ham:fbr 10 mg/L/30M-C	ECREAL 99,7,76
cyt-ham:ovr 10 mg/L	CHROAU 47,157,74
cyt-ham:fbr 10 mg/L	CHROAU 47,157,74
cyt-ham:lng 41 mg/L	GMCRDC 27,95,81
msc-ham:ovr 45 mg/L	MUREAV 94,449,82
dnd-bwd:leu 37500 nmol/L	BBRCA9 46,1399,72
dnd-brd:leu 1 mmol/L	NNBYA7 243,20,73
dnd-brd:lvr 1 mmol/L	NNBYA7 243,20,73
dnd-brd:oth 1 mmol/L	NNBYA7 243,20,73
dnd-mam:lym 9 umol/L	CBINA8 19,197,77

TOXICITY DATA AND REFERENCES:

ipr-mus LDLo:20 mg/kg	CNREA8 34,2699,74

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

SF7962000 PHENANTHRIDINIUM, 3,8-DIAZIDO-5-ETHYL-6-PHENYL-, BROMIDE
UPDT 8405 MW: 446.35 MOLFM: C21-H16-N7 Br
SYN: DIAZIDO ETHIDIUM * 3,8-DIAZIDO-5-ETHYL-6-PHENYLPHENANTHRIDINIUM BROMIDE

MUTATION DATA AND REFERENCES:

mma-sat 50 ug/plate	MUREAV 121,89,83
mmo-smc 6 umol/L/10M	MUREAV 56,21,77

SF8120000 PHENANTHRIDINIUM, 5-ETHYL-6-PHENYL-3,8-BIS(DIMETHYLAMINO)-, BROMIDE
UPDT 8303 MW: 450.47 MOLFM: C25-H28-N3 Br
SYN: ETHIDIUM BROMIDE, TETRAMETHYL- * 5-ETHYL-6-PHENYL-3,8-BIS(DIMETHYLAMINO)PHENANTHRIDINIUM BROMIDE

MUTATION DATA AND REFERENCES:

mma-sat 200 ng/plate	BICMBE 60,1011,78

SF8273000 1H-PHENANTHRO(9,10-b)AZIRINE, N-BENZYL-
UPDT 8307 MW: 281.37 MOLFM: C21-H15-N
SYN: N-BENZYL-PHENANTHRENE 9,10-IMINE * N-BENZYL-1H-PHENANTHRO(9,10-b)AZIRINE

MUTATION DATA AND REFERENCES:

mma-sat 100 ug/plate	MUREAV 66,337,79

SF8278000 PHENANTHRO(3,4-d)-1,3-DIOXOLE-5-CARBOXYLIC ACID, 8-METHOXY-
UPDT 8403 CAS: 35142-05-3 MW: 296.29 MOLFM: C17-H12-O5
SYN: ARISTOLIC ACID * 8-METHOXYPHENANTHRO(3,4-d)-1,3-DIOXOLE-5-CARBOXYLIC ACID

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-mus TDLo:90 mg/kg (6D preg)	CCPTAY 25,639,82
1T19	orl-mus TDLo:90 mg/kg (6D preg)	CCPTAY 26,635,82
1T24	orl-mus TDLo:15 mg/kg (1D preg)	IJEBA6 16,1283,78
1T13	orl-mus TDLo:180 mg/kg (3D pre)	IJEBA6 16,1283,78
2T25T35	orl-rbt TDLo:60 mg/kg (9D preg)	EXPEAM 34,1377,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SF8279000 PHENANTHRO(3,4-d)-1,3-DIOXOLE-5-CARBOXYLIC ACID, 8-METHOXY-, METHYL ESTER
UPDT 8409 CAS: 35142-06-4 MW: 310.32 MOLFM: C18-H14-O5
SYN: ARISTOLIC ACID METHYL ESTER * 8-METHOXYPHENANTHRO(3,4-d)-1,3-DIOXOLE-5-CARBOXYLIC ACID METHYL ESTER * METHYL ARISTOLATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	orl-mus TDLo:1200 mg/kg (20D pre)	IJEBA6 17,437,79
1T27	orl-mus TDLo:60 mg/kg (7D preg)	EXPEAM 34,1192,78
1T22	orl-mus TDLo:3C mg/kg (7D preg)	EXPEAM 34,1192,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENANTHRO(3,4-d)-1,3-DIOXOLE-5-CARBOXYLIC ACID, 8-METHOXY-6-NITRO- see: CF3325000

SF8281000 PHENANTHRO(3,4-d)-1,3-DIOXOLE-5-CARBOXYLIC ACID, 8-METHOXY-6-NITRO-, SODIUM SALT
UPDT 8408 MW: 363.27 MOLFM: C17-H10-N-O7 Na
SYN: ARISTOLOCHIC ACID SODIUM SALT * 8-METHOXY-6-NITROPHENANTHRO(3,4-d)-1,3-DIOXOLE-5-CARBOXYLIC ACID SODIUM SALT

TUMORIGENIC DATA AND REFERENCES:

2V01K60	orl-rat TDLo:37 mg/kg/1Y-C	ARTODN 51,107,82
3V01K60M61	orl-rat TD :90 mg/kg/13W-C	ARTODN 51,107,82
2V01K60	orl-rat TD :900 mg/kg/13W-C	ARTODN 52,209,83
2V01K60	orl-rat TD :90 mg/kg/12W-C	ARTODN 51,1[illegible] 82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4,7-PHENANTHROLENE-5,6-QUINONE see: SF8423000

beta-PHENANTHROLINE see: SF8300000

o-PHENANTHROLINE see: SF8300000

SF8300000 1,10-PHENANTHROLINE
UPDT 8308 CAS: 66-71-7 MW: 180.22 MOLFM: C12-H8-N2
SYN: 4,5-DIAZAPHENANTHRENE * ORTHOPHENANTHROLINE * beta-PHENANTHROLINE * o-PHENANTHROLINE * 1,10-o-PHENANTHROLINE

MUTATION DATA AND REFERENCES:

dni-nml-lym 4 umol/L	FEPRA7 34,530,75
dni-hmn:lym 4 umol/L	CNREA8 37,2050,77
dni-mus:ast 325 umol/L	CNREA8 40,4092,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	ipr-mus TDLo:30 mg/kg (8D preg)	JPMSAE 66,1755,77

TOXICITY DATA AND REFERENCES:

orl-rat LD50:132 mg/kg	MarJV# 29MAR77
ipr-mus LD50:75 mg/kg	JPETAB 196,478,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,10-o-PHENANTHROLINE see: SF8300000

SF8423000 4,7-PHENANTHROLINE-5,6-DIONE
UPDT 8401 CAS: 84-12-8 MW: 210.20 MOLFM: C12-H6-N2-O2
SYN: 11925 C * CIBA 11925 * ENTHOHEX * ENTOBEX * "NTRONON * PHANQUINONE * PHANQUINONUM * PHANQUONE * 4,7-PHENANTHROLENE-5,6-QUINONE * PQ

MUTATION DATA AND REFERENCES:

sln-asn 1 gm/L	MUREAV 26,159,74

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:5 mg/kg	ANTCAO 8,297,58
*	orl-mus LD50:4 mg/kg	ANTCAO 8,297,58

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENANTHRO(9,10-b)OXIRENE, 1a,9b-DIHYDRO- (9CI) see: SF7352000

SF8470000 PHENANTHRO(3,4-b)OXIRENE, 1,2,3,4-TETRAHYDRO-
UPDT 8401 MW: 196.26 MOLFM: C14-H12-O
SYN: PHENANTHRENETETRAHYDRO-3,4-EPOXIDE * 1,2,3,4-TETRAHYDROPHENANTHRO(3,4-b)OXIRENE

TUMORIGENIC DATA AND REFERENCES:

2V02R60	skn-mus TDLo:16 mg/kg	CNREA8 39,4069,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SF8525000 PHENANTHRO(2,1-d)THIAZOLE
UPDT 8401 CAS: 14635-33-7 MW: 235.31 MOLFM: C15-H9-N-S

TUMORIGENIC DATA AND REFERENCES:

3V02R60V10	skn-mus TDLo:400 mg/kg/13W-I	VOONAW 15(8),54,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SF8575000 PHENANTHRO(2,1-d)THIAZOLE, 2-METHYL-
UPDT:8401 CAS: 21917-91-9 MW: 249.34 MOLFM: C16-H11-N-S
SYN: 2-METHYLPHENANTHRO(2,1-d)THIAZOLE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:800 mg/kg/31W-I VOONAW 15(8),54,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SF8580200 PHENANTHRO(2,1-b)THIOPHENE
UPDT:8312 CAS: 219-25-0 MW: 234.32 MOLFM: C16-H10-S
MUTATION DATA AND REFERENCES:
mmo-sat 250 ug/plate MUREAV 117,31,83

SF8580300 PHENANTHRO(3,2-b)THIOPHENE
UPDT:8311 CAS: 224-10-2 MW: 234.32 MOLFM: C16-H10-S
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate MUREAV 117,31,83
mma-sat 100 ug/plate MUREAV 117,31,83

SF8580400 PHENANTHRO(3,4-b)THIOPHENE
UPDT:8311 CAS: 195-52-8 MW: 234.32 MOLFM: C16-H10-S
MUTATION DATA AND REFERENCES:
mma-sat 4 ug/plate MUREAV 117,31,83

2-PHENANTHRYLACETAMIDE see: AC7175000
9-PHENANTHRYLACETAMIDE see: AC7525000
N-2-PHENANTHRYLACETAMIDE see: AC7175000
N-3-PHENANTHRYLACETAMIDE see: AC7350000
N-9-PHENANTHRYLACETAMIDE see: AC7525000
2-PHENANTHRYLACETHYDROXAMIC ACID see: AL1050000
N-(2-PHENANTHRYL)ACETOHYDROXAMIC ACETATE see: AF1670000
N-2-PHENANTHRYLACETOHYDROXAMIC ACID see: AL1050000
N-(2-PHENANTHRYL)ACETOHYDROXAMIC ACID ACETATE see: AL1056000

SF9450000 1-PHENANTHRYLAMINE
UPDT:8401 CAS: 4176-53-8 MW: 193.26 MOLFM: C14-H11-N
SYN: 1-AMINOPHENANTHRENE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:250 mg/kg ZEKBAI 72,321,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SF9625000 2-PHENANTHRYLAMINE
UPDT:8401 CAS: 3366-65-2 MW: 193.26 MOLFM: C14-H11-N
SYN: 2-AMINOPHENANTHRENE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:450 mg/kg/6D-I ZEKBAI 72,321,69
2V03R60 orl-rat TD:700 mg/kg SCIEAS 137,257,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SF9800000 3-PHENANTHRYLAMINE
UPDT:8401 CAS: 1892-54-2 MW: 193.26 MOLFM: C14-H11-N
SYN: 3-AMINOPHENANTHRENE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:450 mg/kg/6D-I ZEKBAI 72,321,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SG0175000 9-PHENANTHRYLAMINE
UPDT:8403 CAS: 947-73-9 MW: 193.26 MOLFM: C14-H11-N
SYN: 9-AMINOPHENANTHRENE
MUTATION DATA AND REFERENCES:
mma-sat 250 ng/plate JJIND8 71,293,83
TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:450 mg/kg/6D-I ZEKBAI 72,321,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

N-(2-PHENANTHRYL)HYDROXYLAMINE see: NC4745000
9-PHENANTHRYLOXIRANE see: SF7705500
1-(PHENANTHR-3'-YL)-2-PIPERIDINOETHANOL HYDROCHLORIDE see: KM0100000
PHENANTOIN see: MU2275000

SG0370000 6(5H)-PHENANTRIDINONE
UPDT:8305 MW: 195.23 MOLFM: C13-H9-N-O
SYN: PHENANTRIDONE
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate NTIS** LMF-84
mma-sat 10 ug/plate NTIS** LMF-84

PHENANTRIDONE see: SG0370000
PHENANTRIN see: SF7175000
PHENAPHEN see: AM4375000
PHENAPHEN PLUS see: AM4375000
PHENAROL see: XJ1050000
PHENARONE see: YU0875000
PHENARSAZINE CHLORIDE see: SG0680000

SG0680000 PHENARSAZINE, 10-CHLORO-5,10-DIHYDRO-
UPDT:8312 CAS: 578-94-9 MW: 277.59 MOLFM: C12-H9-As-Cl-N
SYN: ADAMSITE * 5-AZA-10-ARSENAANTHRACENE CHLORIDE * 10-CHLORO-5,10-DIHYDROARSACRIDINE * 10-CHLORO-5,10-DIHYDROPHENARSAZINE * DIPHENYLAMINECHLORARSINE * DIPHENYLAMINECHLOROARSINE (DOT) * DM * PHENARSAZINE CHLORIDE * PHENAZARSINE CHLORIDE * UN 1698 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-hmn LCLo:30 gm/m3 SCJUAD 4,33,67
3K01K13J21 ihl-hmn TCLo:19 mg/m3/3M AIHAAP 23,199,62
ihl-hmn LCLo:54 ppm/30M NTIS** PB214-270
ivn-mus LD50:35 mg/kg CSLNX* NX#11444
ivn-rbt LD50:6 mg/kg AIHAAP 23,194,62
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:IRRITATING MATERIAL; LABEL:IRRITANT CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SG0682000 10(5H)-PHENARSAZINEETHANOL, 10-SULFIDE
UPDT:8205 CAS: 64057-65-4 MW: 319.27 MOLFM: C14-H14-As-N-O-S
TOXICITY DATA AND REFERENCES:
orl-mus LDLo:50 mg/kg NCNSA6 5,9,53
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

PHENARSAZINE OXIDE see: SG0690000

SG0690000 PHENARSAZINE, 10,10'-OXYDI-, OXIDE
UPDT:8209 MW: 500.28 MOLFM: C24-H18-As2-N2-O
SYN: PHENARSAZINE OXIDE * PZO
IRRITATION DATA AND REFERENCES:
skn-gpg 250 mg/5D SEV TXCYAC 10,341,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:83 mg/kg TXCYAC 10,341,78
orl-gpg LD50:77 mg/kg TXCYAC 10,341,78
ihl-gpg LCLo:13650 mg/m3 TXCYAC 10,341,78
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENARSEN see: SJ5425000
PHENARSENAMINE see: SJ7175000
PHENASAL see: VN8400000
10-PHENASAZINETHIOL, S-ESTER with 0,0-DIISOOCTYLPHOSPHORODITHIOATE see: TE0245000
S-(10-PHENASAZINYL)-0,0-DIISOOCTYLPHOSPHORODITHIOATE see: TE0245000
9-PHENATHRYL BROMIDE see: SF7197000
PHENATHYL see: SN8925000
PHENATINE see: MU1050000
PHENATOINE see: MU1050000
PHENATOL see: TD5775000
PHENATOX see: XW5250000
PHENAZARSINE CHLORIDE see: SG0680000

SG1225000 PHENAZATHIONIUM, 3-AMINO-7-DIMETHYLAMINO-2-METHYL-, CHLORIDE
UPDT:8403 CAS: 92-31-9 MW: 305.85 MOLFM: C15-H16-N3-S.Cl
SYN: 3-AMINO-7-DIMETHYLAMINO-2-METHYLPHENAZATHIONIUM CHLORIDE * BLUTENE * BLUTENE CHLORIDE * C.I. 925 * C.I. 52040 * C.I. BASIC BLUE 17 * DIMETHYLTOLUTHIONINE CHLORIDE * F KLOT * KLOT * SCHULTZ NO. 1041 * TOLAZUL * TOLONIUM CHLORIDE * TOLUIDINE BLUE * TOLUIDINE BLUE O * TOLUIDENE BLUE O CHLORIDE
MUTATION DATA AND REFERENCES:
sln-dmg-unk 500 ppm 14ZYA8 -,115,65
cyt-ham:ovr 20 umol/L/5H-C ENMUDM 1,27,79
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:45 mg/kg TXAPA9 1,185,59
* unk-mus LD50:28 mg/kg JMCMAR 17,902,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

PHENAZEPAM see: DE9770000
PHENAZETIN see: AM4375000
PHENAZETINA see: AM4375000
PHENAZIN see: SG1590000

SG1360000 PHENAZINE
UPDT:8401 CAS: 92-82-0 MW: 180.22 MOLFM: C12-H8-N2
SYN: AZOPHENYLENE * DIBENZOPARADIAZINE * DIBENZOPYRAZINE
TUMORIGENIC DATA AND REFERENCES:
2V03M60 imp-rat TDLo:7 mg/kg COREAF 240,1738,55
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:400 mg/kg EJMCA5 10,273,75
* ivn-mus LD50:180 mg/kg CSLNX* NX#02474
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENAZINE see: QE2450000

SG1400000 PHENAZINE, 3-AMINO-7-(DIMETHYLAMINO)-2-METHYL-, HYDROCHLORIDE
UPDT:8408 CAS: 553-24-2 MW: 288.81 MOLFM: C15-H16-N4.Cl-H
SYN: 3-AMINO-7-DIMETHYLAMINO-2-METHYLPHENAZINE HYDROCHLORIDE * AMINODIMETHYLAMINOTOLUAMINOZINE HYDROCHLORIDE * C.I. 50040 * C.I. BASIC RED 5 * C.I. BASIC RED 5, MONOHYDROCHLORIDE * KERNECHTROT * MICHROME NO. 226 * NEUTRAL RED * NEUTRAL RED CHLORIDE * NEUTRAL RED W * NUCLEAR FAST RED * PHENAZINE, 3-AMINO-7-(DIMETHYLAMINO)-2-METHYL-, MONOHYDROCHLORIDE * TOLUYLENE RED * N(sup 8),N(sup 8),3-TRIMETHYL-2,8-PHENAZINEDIAMINE MONOHYDROCHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 25 ug/plate AEMIDF 42,641,81
mma-sat 10 ug/plate MUREAV 48,109,77
mmo-esc 2500 ppt/3H AMNTA4 85,119,51
dnr-esc 2 ug/well ENMUDM 3,429,81
sln-dmg-orl 1000 ppm AMNTA4 87,295,53
sce-ofs-mul 1 ppm/4D-C MUREAV 64,205,79
cyt-hmn:lym 10 umol/L MUREAV 93,185,82
dnd-rat-ipr 96 mg/kg CBINA8 22,287,78
cyt-ham:ovr 2 umol/L/5H MUREAV 45,233,77
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:112 mg/kg FEPRA7 10,337,51
ivn-mus LD50:142 mg/kg FEPRA7 10,337,51
ivn-rbt LD50:97 mg/kg FEPRA7 10,337,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

PHENAZINE, 3-AMINO-7-(DIMETHYLAMINO)-2-METHYL-, MONOHYDROCHLORIDE see: SG1400000
PHENAZINECARBOXYLIC ACID see: SG1576000
PHENAZINE-alpha-CARBOXYLIC ACID see: SG1576000

SG1576000 1-PHENAZINECARBOXYLIC ACID
UPDT:8309 CAS: 2538-68-3 MW: 224.23 MOLFM: C13-H8-N2-O2
SYN: 1-CARBOXYLIC ACID PHENAZINE * EMP 211 (Russian) * NRRL B-1482 (Russian) * NRRL B-1576 (Russian) * PHENAZINECARBOXYLIC ACID * PHENAZINE-alpha-CARBOXYLIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg ANTBAL 26,135,81
* ivn-mus LD50:400 mg/kg 85GDA2 5,143,81

SG1576550 1-PHENAZINECARBOXYLIC ACID, 6-(HYDROXYMETHYL)-9-METHOXY-, GLYCOLATE (ESTER)
UPDT:8309 CAS: 573-34-2 MW: 342.33 MOLFM: C17-H14-N2-O6
SYN: GRISEOLUTEIN A
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:500 mg/kg 85GDA2 5,144,81

PHENAZINE-N-OXIDE see: SG1590000

SG1590000 PHENAZINE, 5-OXIDE
UPDT:8403 CAS: 304-81-4 MW: 196.22 MOLFM: C12-H8-N2-O
SYN: N-OXIDE DE PHENAZINE (French) * PHENAZIN * PHENAZINE-N-OXIDE * PHENAZINE-5N-OXIDE * PHENAZINE-9-OXIDE * PHENAZIN OXIDE * PHENAZIN-5-OXIDE
MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/plate MUREAV 116,185,83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T46T81 orl-mus TDLo:201 mg/kg (91D pre-21D post) OYYAA2 17,505,79
1T81 orl-mus TDLo:201 mg/kg (MGN) OYYAA2 17,505,79
TOXICITY DATA AND REFERENCES:
orl-mus LD50:12 mg/kg GUCHAZ 6,398,73
ipr-mus LD50:500 mg/kg EJMCA5 10,273,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENAZINE-5N-OXIDE see: SG1590000
PHENAZINE-9-OXIDE see: SG1590000

SG1623000 PHENAZINIUM, 3,7-DIAMINO-2,8-DIMETHYL-5-PHENYL-, CHLORIDE
UPDT:8403 CAS: 477-73-6 MW: 350.88 MOLFM: C20-H19-N4.Cl
SYN: BASIC RED 2 * BRILLIANT SAFRANINE BR * BRILLIANT SAFRANINE G * BRILLIANT SAFRANINE GR * CALCOZINE RED Y * C.I. 50240 * C.I. BASIC RED 2 * 2,8-DIMETHYLPHENOSAFRANINE * GOSSYPIMINE * HIDACO SAFRANINE * LEATHER RED HT * MITSUI SAFRANINE * NIPPON KAGAKU SAFRANINE GK * NIPPON KAGAKU SAFRANINE T * SAFRANIN * SAFRANINE * SAFRANINE A * SAFRANINE B * SAFRANINE G * SAFRANINE GF * SAFRANINE J * SAFRANINE O * SAFRANINE OK * SAFRANINE SUPERFINE G * SAFRANINE T * SAFRANINE TH * SAFRANINE TN * SAFRANINE Y * SAFRANINE YN * SAFRANINE ZH * SAFRANIN T * TOLUSAFRANINE
MUTATION DATA AND REFERENCES:
mmo-sat 16 ug/plate TRENAF 27,153,76

mmo-sat 16 ug/plate TRENAF 27,153,76
dnr-esc 4 ug/well ENMUDM 3,429,81
dnr-bcs 2 mg/disc TRENAF 27,153,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

SG1630000 PHENAZINIUM, 3,7-DIAMINO-5-PHENYL-, CHLORIDE
UPDT:8307 CAS: 81-93-6 MW: 322.82 MOLFM: C18-H15-N4 Cl
SYN: C.I. 50200 * 3,7-DIAMINO-5-PHENYLPHENAZINIUM CHLORIDE * PHENOSAFRANINE * PHENOSAFRANINE CHLORIDE * PHENOSOFRININE * SAFRININ B EXTRA
MUTATION DATA AND REFERENCES:
dnd-esc 100 ppm MUREAV 89,95,81
sln-dmg-orl 1000 ppm AMNTA4 87,295,53
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#05194
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

SG1643000 PHENAZINIUM, 5-METHYL-1-HYDROXY-, inner salt
UPDT:8408 MW: 194.25 MOLFM: C13-H10-N2O
SYN: ANTIBIOTIC 4738-B * 4738-B * CYANOMYCIN * 5-METHYL-1-HYDROXYPHENAZINIUM inner salt
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:20 mg/kg 85GDA2 5,140,82
* ivn-mus LD50:5 mg/kg 85GDA2 5,138,81

SG1647000 1-PHENAZINOL
UPDT:8309 CAS: 528-71-2 MW: 196.22 MOLFM: C12-H8-N2-O
SYN: HEMIPYOCYANIN * HEMIPYOCYANINE * alpha-HYDROXYPHENAZINE * 1-HYDROXYPHENAZINE * PYOXANTHOSE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg 85GDA2 5,141,81

SG1660000 1-PHENAZINOL, 6-METHOXY-, 5,10-DIOXIDE
UPDT:8309 CAS: 13925-12-7 MW: 258.25 MOLFM: C13-H10-N2-O4
SYN: 3C ANTIBIOTIC * 1-HYDROXY-6-METHOXYPHENAZINE 5,10-DIOXIDE * 6-METHOXY-1-PHENAZINOL 5,10-DIOXIDE * MYXIN
MUTATION DATA AND REFERENCES:
mmo-eug 10 mg/L EXPEAM 27,586,71
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:40 mg/kg 85ESA3 9,823,76

PHENAZIN OXIDE see: SG1590000
PHENAZIN-5-OXIDE see: SG1590000
PHENAZITE see: VV8925000
PHENAZO see: US7875000
PHENAZODINE see: US7700000
PHENAZODINE see: US7875000

SG2350000 PHENETHYLAMINE, N-(3,4-DIMETHOXYBENZYL)-alpha-METHYL-beta-PHENYL-, MONOHYDROCHLORIDE
UPDT:8308 CAS: 51729-71-6 MW: 397.98 MOLFM: C24-H27-N-O2 Cl-H
SYN: BENZENEETHANAMINE, N-((3,4-DIMETHOXYPHENYL)METHYL)-alpha-METHYL-beta-PHENYL-, HYDROCHLORIDE * N-(3,4-DIMETHOXYBENZYL)-alpha-METHYL-beta-PHENYLPHENETHYLAMINE HYDROCHLORIDE * 1,1-DIPHENYL-2-(N-(3',4'-DIMETHOXYBENZYL)AMINO)PROPANHYDROCHLORID (German) * DPA 305
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:140 mg/kg PHARAT 28,677,73

PHENAZOLINE see: NJ2000000
PHENAZOLINE HYDROCHLORIDE see: NJ2150000
PHENAZON see: UR6125000
PHENAZON see: CD2450000
PHENAZONE see: CD2450000
PHENAZONE (pharmaceutical) see: CD2450000
PHENAZONE SALICYLATE see: VO1740000
PHENAZONUM see: CD2450000
PHENAZOPYRIDINE see: US7700000
PHENAZOPYRIDINE HYDROCHLORIDE see: US7875000
PHENAZOPYRIDINIUM CHLORIDE see: US7875000
PHEN-BAR see: CQ6875000
PHENBENICILLIN see: XH9320000
PHENBENZAMINE see: KV1915000
PHEN-BUTA-VET see: UQ8225000
PHENBUTAZOL see: UQ8225000
PHENCAPTON see: TD5775000
PHENCAPTON (DOT) see: TD5775000
PHENCARBAMID see: FA4439000
PHENCARBAMIDE see: FA4439000
PHENCARBAMIDE HYDROCHLORIDE see: FA4440000
PHENCARBAMIDE NAPADISILATE see: FA4442000
PHENCARBAMIDE 1,5-NAPHTHALENEDISULFONATE see: FA4442000
PHENCARBAMID-NDS see: FA4442000
PHENCAROL see: VD4830000
PHENCEN see SO8225000 PHENOTHIAZINE, 10-(2-(DIMETHYLAMINO)PROPYL)-, MONOHYDROCHLORIDE
PHENCYCLIDINE see: TN2272590
PHENCYCLIDINE HYDROCHLORIDE see: TN2272600
PHENDAL see: AI7875000
PHENDIMETRAZINE BITARTRATE see: QE2450000
PHENDON see: AE4200000
PHENE see: CY1400000
PHENEDINA see: AM4375000
PHENEDRINE see: SH9450000
PHENEDRINE see: SI1750000
PHENEENE GERMICIDAL SOLUTION AND TINCTURE see: BO3150000
PHENEGIC see: SN5075000
PHENELZIN see: MV8750000
PHENELZINE see: MV8400000
PHENELZINE ACID SULFATE see: MV8750000
PHENELZINE BISULPHATE see: MV8750000
PHENELZINE SULFATE see: MV8750000
PHENELZINE SULPHATE see: MV8750000
PHENEMAL see: CQ6825000
PHENEMALUM see: CQ7000000
1,1',1''-(s-PHENENYLTRICARBONYL)TRISAZIRIDINE see: CM8350000
s-PHENENYLTRIS(CARBONYLAZIRIDINE) see: CM8350000
(v-PHENENYLTRIS(OXYETHYLENE))TRIS(TRIETHYLAMMONIUM)IODIDE see: BS1100000
PHENERGAN see: SO6825000
PHENERGAN HYDROCHLORIDE see: SO6225000
PHENESTERIN see: AF5457000
PHENESTERINE see: AF5457000
PHENESTRIN see: AF5457000
PHENETAMINE HYDROCHLORIDE see: TX7150000
PHENETHAMINE HYDROCHLORIDE see: TX7150000
PHENETHANOL see: SG7175000
PHENETHIDINE see: SI6465500
beta-PHENETHYBIGUANIDE see: DU2100000
PHENETHYL ACETATE see: AJ2220000
beta-PHENETHYL ACETATE see: AJ2220000
2-PHENETHYL ACETATE see: AJ2220000

SG7175000 PHENETHYL ALCOHOL
UPDT:8408 CAS: 60-12-8 MW: 122.18 MOLFM: C8-H10-O
SYN: BENZYL CARBINOL * ETHANOL, 2-PHENYL- * beta-HYDROXYETHYLBENZENE * METHANOL, BENZYL- * PEA * beta-PEA * PHENETHANOL * beta-PHENETHYL ALCOHOL * 2-PHENETHYL ALCOHOL * beta-PHENYLETHANOL * 2-PHENYLETHANOL * beta-PHENYLETHYL ALCOHOL * 2-PHENYLETHYL ALCOHOL
IRRITATION DATA AND REFERENCES:
skn-gpg 100% MLD FCTXAV 13,903,75
MUTATION DATA AND REFERENCES:
mmo-smc 1000 ppm GENRAB 13,107,69
cyt-smc 10 mmol/tube HEREAY 33,457,47
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T42T43T81 orl-rat TDLo:43 mg/kg (6-15D preg) JTEHD6 12,235,83
3T35T46T53 orl-rat TDLo:430 mg/kg (6-15D preg) JTEHD6 12,235,83
TOXICITY DATA AND REFERENCES:
2F24K05 orl-rat LD50:1790 mg/kg FCTXAV 2,327,64
orl-mus LD50:800 mg/kg 14CYAT 2,1496,63
ipr-mus LD50:200 mg/kg 14CYAT 2,1476,63
* orl-rbt LDLo:2 gm/kg JEENAI 48,139,55
* skn-rbt LD50:790 mg/kg TXAPA9 28,313,74
orl-gpg LD50:400 mg/kg 14CYAT 2,1476,63
skn-gpg LD50:5000 mg/kg 14CYAT 2,1476,63
ipr-gpg LD50:400 mg/kg 14CYAT 2,1476,63
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

alpha-PHENETHYL ALCOHOL see: DO9275000
beta-PHENETHYL ALCOHOL see: SG7175000
2-PHENETHYL ALCOHOL see: SG7175000
PHENETHYL ALCOHOL, BENZOATE see: DH6288000

SG7885000 PHENETHYL ALCOHOL, p-CHLORO-alpha-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-alpha-METHYL-
UPDT:8411 CAS: 14860-49-2 MW: 255.82 MOLFM: C14-H22-Cl-N-O
SYN: BENZENEETHANOL, 4-CHLORO-alpha-(2-(DIMETHYLAMINO)-1-METHYL)-alpha-METHYL- * p-CHLORO-alpha-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-alpha-METHYL-PHENETHYL ALCOHOL * 1-(4-CHLOROPHENYL)-2,3-DIMETHYL-4-DIMETHYLAMINO-2-BUTANOL * CLOBUTINOL * p-CLORO-alpha-(2-DIMETILAMINO)-1-METILETIL)-alpha-METIL FENETIL ALCOOL (Italian)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:802 mg kg IYKEDH 6,119,75
* ipr-rat LD50:165 mg/kg IYKEDH 6,119,75
* scu-rat LD50:775 mg/kg IYKEDH 6,119,75
* ivn-rat LD50:63 mg/kg IYKEDH 6,119,75
* orl-mus LD50:334 mg/kg IYKEDH 6,119,75
* ipr-mus LD50:128 mg/kg IYKEDH 6,119,75
* scu-mus LD50:262 mg/kg OYYAA2 8,1067,74
* ivn-mus LD50:53 mg/kg IYKEDH 6,119,75
* ivn-dog LD50:45300 ug/kg OYYAA2 8,1067,74

PHENETHYL ALCOHOL, p-CHLORO-alpha-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-alpha-METHYL-, HCl (8CI) see: DA0500000

SG7887000 PHENETHYL ALCOHOL, beta-(DIETHYLAMINO)-, o-ETHOXYBENZOATE (ester)
UPDT:8309 MW: 341.49 MOLFM: C21-H27-N-O3
SYN: BENZOIC ACID, o-ETHOXY-, beta-(DIETHYLAMINO)PHENETHYL ESTER * beta-(DIETHYLAMINO)PHENETHYL ALCOHOL o-ETHOXYBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:750 mg/kg JACSAT 81,203,59

SG7887200 PHENETHYL ALCOHOL p-(2-(DIETHYLAMINO)ETHOXY)-alpha-(p-METHOXYPHENYL)-alpha-PHENYL-
UPDT:8407 CAS: 35623-89-3 MW: 419.61 MOLFM: C27-H33-N-O3
SYN: BENZENEETHANOL, 4-(2-(DIETHYLAMINO)ETHOXY)-alpha-(4-METHOXYPHENYL)-alpha-PHENYL- * p-(2-(DIETHYLAMINO)ETHOXY)-alpha-(p-METHOXYPHENYL)-alpha-PHENYLPHENETHYL ALCOHOL * H-1010
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:120 mg/kg (1-3D preg) JRPFA4 34,23,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SG7887400 PHENETHYL ALCOHOL, alpha-(p-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-beta-ETHYL-alpha- (p-HYDROXYPHENYL)-p-METHOXY-, CITRATE
UPDT:8403 CAS: 35263-96-8 MW: 655.81 MOLFM: C29-H37-N-O4 C6-H8-O7
SYN: H-1270
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:240 ug/kg (1-3D preg) JRPFA4 34,23,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SG7887600 PHENETHYL ALCOHOL, alpha-(p-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-beta-ETHYL-p-METHOXY-alpha- PHENYL-, CITRATE (1:1)
UPDT:8403 CAS: 35263-93-5 MW: 639.81 MOLFM: C29-H37-N-O3 C6-H8-O7
SYN: H-1274
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:6 mg/kg (1-3D preg) JRPFA4 34,23,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SG7888000 PHENETHYL ALCOHOL, beta-(N-(2-(DIETHYLAMINO)ETHYL)ANILINO)-
UPDT:8311 MW: 312.50 MOLFM: C20-H28-N2-O
SYN: N-beta-DIETHYLAMINOETHYLANILINO alpha-PHENYLETHANOL * beta-(N-(2-(DIETHYLAMINO)ETHYL)ANILINO)PHENETHYL ALCOHOL
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:450 mg/kg APFRAD 14,566,56

SG7890000 PHENETHYL ALCOHOL, beta-(DIETHYLAMINO)-, o-METHOXYBENZOATE (ester)
UPDT:8309 MW: 327.46 MOLFM: C20-H25-N-O3
SYN: BENZOIC ACID, o-METHOXY-, beta-(DIMETHYLAMINO)PHENETHYL ESTER * beta-(DIETHYLAMINO)PHENETHYL ALCOHOL o-METHOXYBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:350 mg/kg JACSAT 81,203,59

SG7895000 PHENETHYL ALCOHOL, alpha-(DIETHYLAMINOMETHYL)-, CARBANILATE, HYDROCHLORIDE
UPDT:8406 MW: 362.94 MOLFM: C20-H26-N2-O2 Cl-H
SYN: CARBANILIC ACID, alpha-(DIETHYLAMINOMETHYL)PHENETHYL ESTER, HYDROCHLORIDE * 2-(1-DIETHYLAMINO-3-PHENYLPROPYL) CARBANILATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:120 mg/kg JAPMA8 44,766,55
* ivn-mus LD50:16500 ug/kg JAPMA8 44,766,55

SG8025000 PHENETHYL ALCOHOL, 2,3-DIMETHOXY-alpha-METHYL-
UPDT:8311 CAS: 33414-37-8 MW: 196.[illegible] MOLFM: C11-H16-O3
SYN: 2,3-DIMETHOXY-alpha-METHYL-PHENETHYL ALCOHOL * 1-(2,3-DIMETHOXYPHENYL)-2-PROPANOL
TOXICITY DATA AND REFERENCES:
1F19 ipr-mus LD50:580 mg/kg JPMSAE 60,799,71

SG8050000 PHENETHYL ALCOHOL, alpha,alpha-DIMETHYL-

UPDT:8305 CAS: 100-86-7 MW: 150.24 MOLFM: C10-H14-O

SYN: DIMETHYLBENZYLCARBINOL * alpha,alpha-DIMETHYLPHENETHYL ALCOHOL * 1,1-DIMETHYL-2-PHENYLETHANOL * DMBC

TOXICITY DATA AND REFERENCES:

2F07F24 orl-rat LD50:1280 mg/kg FCTXAV 2,327,64

3F24K05M10 orl-gpg LD50:988 mg/kg FCTXAV 2,327,64

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SG8100000 PHENETHYL ALCOHOL, alpha,alpha-DIMETHYL-, ACETATE

UPDT:8305 CAS: 151-05-3 MW: 192.28 MOLFM: C12-H16-O2

SYN: BENZYLDIMETHYL CARBINYL ACETATE * DIMETHYLBENZYL CARBINOL ACETATE * alpha,alpha-DIMETHYLPHENETHYL ACETATE * alpha,alpha-DIMETHYLPHENETHYL ALCOHOL, ACETATE * DMBCA

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD FCTXAV 12,533,74

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:3300 mg/kg FCTXAV 12,533,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SG8122000 PHENETHYL ALCOHOL, alpha-(p-(2-(DIMETHYLAMINO)ETHOXY)PHENYL)-beta-ETHOXY-p-METHOXY-alpha- (p-METHOXYPHENYL)-, HYDROCHLORIDE

UPDT:8403 CAS: 42824-30-6 MW: 502.10 MOLFM: C28-H35-N-O5 Cl-H

SYN: H-1065

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22 orl-mus TDLo:960 ug/kg (1-3D preg) JRPFA4 34,23,73

1T22 scu-mus TDLo:720 ug/kg (1-3D preg) JRPFA4 34,23,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENETHYL ALCOHOL, alpha,alpha-DIMETHYL-, PROPIONATE see: DA0512000

PHENETHYL ALCOHOL, FORMATE see: LQ9400000

PHENETHYL ALCOHOL, beta-HYDROXY-, alpha-CARBAMATE see: KI2625000

SG8453000 PHENETHYL ALCOHOL, 4-(2H-INDAZOL-2-YL)-beta-METHYL-

UPDT:8303 MW: 252.34 MOLFM: C16-H16-N2-O

SYN: 2-(4-(2H-INDAZOL-2-IL)FENIL)PROPANOLO (Italian) * 4-(2H-INDAZOL-2-YL) beta-METHYL-PHENETHYL ALCOHOL * 2-(p-(2H-INDAZOL-2-YL)PHENOL)-1-PROPANOL * M.G. 18821

TOXICITY DATA AND REFERENCES:

3F05F11F19 ipr-mus LD50:500 mg/kg FRPSAX 36,1037,81

SG8580000 PHENETHYL ALCOHOL, p-METHOXY-alpha-METHYL-

UPDT:8311 CAS: 30314-64-8 MW: 166.24 MOLFM: C10-H14-O2

SYN: p-METHOXY-alpha-METHYL-PHENETHYL ALCOHOL * 1-(p-METHOXYPHENYL)-2-PROPANOL

TOXICITY DATA AND REFERENCES:

1F19 ipr-mus LD50:820 mg/kg JPMSAE 60,799,71

SG8589500 PHENETHYL ALCOHOL, alpha-METHYL-

UPDT:8401 CAS: 698-87-3 MW: 136.21 MOLFM: C9-H12-O

SYN: BENZENEETHANOL, alpha-METHYL- (9CI) * BENZYL METHYL CARBINOL * alpha-METHYLBENZENEETHANOL * alpha-METHYL-PHENETHYL ALCOHOL * 1-PHENYL-2-PROPANOL

TOXICITY DATA AND REFERENCES:

2F19F25 ipr-mus LD50:520 mg/kg JPMSAE 60,799,71

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SG8590000 PHENETHYL ALCOHOL, beta-METHYL-

UPDT:8305 CAS: 1123-85-9 MW: 136.21 MOLFM: C9-H12-O

SYN: BENZENEETHANOL, beta-METHYL- (9CI) * HYDRATROPIC ALCOHOL * HYDRATROPYL ALCOHOL * beta-METHYLPHENETHYL ALCOHOL * alpha-METHYL PHENYLETHYL ALCOHOL * 2-PHENYLPROPAN-1-OL * beta-PHENYLPROPYL ALCOHOL * 2-PHENYLPROPYL ALCOHOL

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2300 mg/kg FCTXAV 13,547,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SG8600000 PHENETHYL ALCOHOL, beta-METHYL-, ACETATE

UPDT:8305 CAS: 10402-52-5 MW: 178.25 MOLFM: C11-H14-O2

SYN: HYDRATROPIC ACETATE * HYDRATROPYL ACETATE * beta-METHYLPHENYLETHYL ACETATE * 2-PHENYLPROPYL ACETATE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD FCTXAV 14,797,76

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:4300 mg/kg FCTXAV 14,797,76

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SG8750000 PHENETHYLAMINE

UPDT:8406 CAS: 64-04-0 MW: 121.20 MOLFM: C8-H11-N

SYN: beta-AMINOETHYLBENZENE * 1-AMINO-2-PHENYLETHANE * BENZENEETHANAMINE * ETHYLAMINE, 2-PHENYL- * beta-PHENETHYLAMINE * beta-PHENYLAETHYLAMIN (German) * 1-PHENYL-2-AMINO-ATHAN (German) * 1-PHENYL-2-AMINOETHANE * PHENYLETHYLAMINE * beta-PHENYLETHYLAMINE * omega-PHENYLETHYLAMINE * 2-PHENYLETHYLAMINE

TOXICITY DATA AND REFERENCES:

orl-rat LDLo:800 mg/kg AEPPAE 195,647,40

ipr-rat LDLo:100 mg/kg AEPPAE 195,647,40

orl-mus LD50:400 mg/kg JACSAT 63,602,41

scu-mus LD50:320 mg/kg ARZNAD 7,620,57

ivn-mus LD50:100 mg/kg JPETAB 106,341,52

* icv-mus LD50:39 mg/kg TYKNAQ 27,131,80

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CHREAY 9,389,31

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

beta-PHENETHYLAMINE see: SG8750000

SG9150000 PHENETHYLAMINE, beta-ACETOXY-p-CHLORO-N,N-DIMETHYL-

UPDT:8407 CAS: 67428-90-4 MW: 241.74 MOLFM: C12-H16-Cl-N-O2

SYN: beta-ACETOXY-p-CHLORO-N,N-DIMETHYLPHENETHYLAMINE * N,N-DIMETHYL beta-ACETOXY beta-(CHLORO-4-PHENYL)-ETHYLAMINE

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:320 mg/kg EJMCA5 13,277,78

SG9152000 PHENETHYLAMINE, beta-ACETOXY-N,N-DIMETHYL-

UPDT:8407 CAS: 66827-45-0 MW: 207.30 MOLFM: C12-H17-N-O2

SYN: ACETIC ACID, alpha-(DIMETHYLAMINOMETHYL)BENZYL ESTER * beta-ACETOXY-N,N-DIMETHYLPHENETHYLAMINE * beta-ACETYLOXY beta-PHENYLETHYL DIMETHYLAMINE * N,N-DIMETHYL beta-ACETOXY beta-PHENYLETHYLAMINE

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:310 mg/kg EJMCA5 13,277,78

1C17 scu-mus LDLo:722 mg/kg AIPTAK 47,96,34

ivn-rbt LDLo:72 mg/kg AIPTAK 47,96,34

SG9295000 PHENETHYLAMINE, N-ALLYL-3,4,5-TRIMETHOXY-, HYDROCHLORIDE

UPDT:8312 MW: 287.82 MOLFM: C14-H21-N-O3 Cl-H

SYN: N-ALLYLMESCALINE HYDROCHLORIDE * N-ALLYL-3,4,5-TRIMETHOXYPHENETHYLAMINE HYDROCHLORIDE * BENZENEETHANAMINE, 3,4,5-TRIMETHOXY-N-2-PROPENYL-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:363 mg/kg JPMSAE 65,1479,76

SG9600800 PHENETHYLAMINE, N-BENZYL-p-CHLORO-alpha-METHYL-, HYDROCHLORIDE, (+-)-

UPDT:8305 CAS: 14817-99-3 MW: 296.26 MOLFM: C16-H18-Cl-N Cl-H

SYN: N-BENZYL-p-CHLORO-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:50 mg/kg APFRAD 24,57,66

SG9618000 PHENETHYLAMINE, N-BENZYL-N,alpha-DIMETHYL-, (+)-, compd. with BARBITURIC ACID

UPDT:8309 MW: 339.47 MOLFM: C17-H21-N C4-H4-O3

SYN: BARBITURIC ACID compd. with (+)-N-BENZYL-N,alpha-DIMETHYLPHENETHYLAMINE * BENZPHETAMINE BARBITURATE * (+)-N-BENZYL-N,alpha-DIMETHYLPHENETHYLAMINE compd. with BARBITURIC ACID

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:248 mg/kg JPMSAE 51,993,62

SG9620000 PHENETHYLAMINE, N-BENZYL-N,alpha-DIMETHYL-, (+)-, compd. with D-GALACTURONIC ACID POLYMERS

UPDT:8309 MOLFM: C17-H21-N (C6-H10-O7)x

SYN: BENZPHETAMINE POLYGALACTURONATE * (+)-N-BENZYL-N,alpha-DIMETHYLPHENETHYLAMINE compd. with D-GALACTURONIC ACID POLYMERS * D-GALACTURONIC ACID POLYMERS compd. with (+)-N-BENZYL-N,alpha-DIMETHYLPHENETHYLAMINE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:193 mg/kg JPMSAE 51,993,62

SG9630000 PHENETHYLAMINE, N-BENZYL-N,alpha-DIMETHYL-, (+)-, compd. with 4,4-METHYLENEBIS(3-HYDROXY NAPHTHOIC ACID)

UPDT:8309 MW: 627.78 MOLFM: C17-H21-N C23-H16-O6

SYN: BENZPHETAMINE PAMOATE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:278 mg/kg JPMSAE 51,993,62

SG9635000 PHENETHYLAMINE, N-BENZYL-N,alpha-DIMETHYL-, (+)-, compd. with 8-NITROTHEOPHYLLINE

UPDT:8309 MW: 464.58 MOLFM: C17-H21-N C7-H7-N5-O4

SYN: BENZPHETAMINE 8-NITROTHEOPHYLLINATE * (+)-N-BENZYL-N,alpha-DIMETHYLPHENETHYLAMINE compd. with 8-NITROTHEOPHYLLINE * 8-NITROTHEOPHYLLINE compd. with (+)-N-BENZYL-N,alpha-DIMETHYLPHENETHYLAMINE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:225 mg/kg JPMSAE 51,993,62

SG9650000 PHENETHYLAMINE, N-BENZYL-N,alpha-DIMETHYL-m-(TRIFLUOROMETHYL)-, CYCLOHEXANESULFAMATE, (+-)-

UPDT:8305 CAS: 5918-33-2 MW: 472.64 MOLFM: C18-H20-F3-N C6-H13-O3-S

SYN: N-BENZYL-N,alpha-DIMETHYL-m-(TRIFLUOROMETHYL)PHENETHYLAMINE CYCLOHEXANESULFAMATE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:200 mg/kg APFRAD 24,57,66

SG9710000 PHENETHYLAMINE, N-BENZYL-m-METHOXY-alpha-METHYL-, HYDROCHLORIDE

UPDT:8406 MW: 291.85 MOLFM: C17-H21-N-O Cl-H

SYN: N-BENZYL-m-METHOXY-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3C08F12J30 ivn-rat LD50:20 mg/kg JPETAB 94,150,48

SG9720000 PHENETHYLAMINE, N-BENZYL-o-METHOXY-alpha-METHYL-, HYDROCHLORIDE

UPDT:8406 MW: 291.85 MOLFM: C17-H21-N-O Cl-H

SYN: N-BENZYL-o-METHOXY-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3C08F12J30 ivn-rat LD50:20 mg/kg JPETAB 94,150,48

SG9730000 PHENETHYLAMINE, N-BENZYL-p-METHOXY-alpha-METHYL-, HYDROCHLORIDE

UPDT:8406 MW: 291.85 MOLFM: C17-H21-N-O Cl-H

SYN: N-BENZYL-p-METHOXY-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3C08F12J30 ivn-rat LD50:15 mg/kg JPETAB 94,150,48

SH0262000 PHENETHYLAMINE, N,N-BIS(2-CHLOROETHYL)-p-ETHOXY-

UPDT:8401 CAS: 32359-24-3 MW: 290.26 MOLFM: C14-H21-Cl2-N-O

SYN: N,N-BIS-(2-CHLOROETHYL)-p-ETHOXYPHENETHYLAMINE * N-p-ETHOXYPHENETHYL-N,N-DI-2-CHLOROETHYLAMINE

MUTATION DATA AND REFERENCES:

mmo-asn 2500 umol/L MUREAV 14,115,72

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

SH0274000 PHENETHYLAMINE, N-(p-BROMOBENZYL)-N,alpha-DIMETHYL-, HYDROCHLORIDE, (+)-

UPDT:8305 CAS: 14817-73-3 MW: 354.75 MOLFM: C17-H20-Br-N Cl-H

SYN: (+)-N-(p-BROMOBENZYL)-N,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:77 mg/kg APFRAD 24,57,66

SH0276000 PHENETHYLAMINE, N-(p-BROMOBENZYL)-alpha-METHYL-, HYDROCHLORIDE, (+)-

UPDT:8305 CAS: 14909-01-4 MW: 339.71 MOLFM: C16-H17-Br-N Cl-H

SYN: (+)-N-(p-BROMOBENZYL)-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:47 mg/kg APFRAD 24,57,66

SH0652500 PHENETHYLAMINE, beta-BUTOXY-p-CYCLOPENTYL-N,N-DIETHYL-, HYDROCHLORIDE

UPDT:8412 CAS: 17174-43-5 MW: 354.03 MOLFM: C21-H35-N-O Cl-H

TOXICITY DATA AND REFERENCES:

* unk-mam LD50:450 mg/kg CHTPBA 2,446,67

SH0664500 PHENETHYLAMINE, N-BUTYL-alpha,alpha-DIMETHYL-

UPDT:8312 MW: 205.38 MOLFM: C14-H23-N

SYN: N-BUTYL-alpha,alpha-DIMETHYLPHENETHYLAMINE * D-3-8

TOXICITY DATA AND REFERENCES:

1F03 orl-mus LDLo:200 mg/kg JPMSAE 55,38,66

SH0683000 PHENETHYLAMINE, N-(o-CHLOROBENZYL)-N,alpha-DIMETHYL-, HYDROCHLORIDE, (+)-

UPDT:8305 CAS: 13364-34-6 MW: 310.29 MOLFM: C17-H20-Cl-N Cl-H

SYN: (+)-N-(o-CHLOROBENZYL)-N,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:103 mg/kg APFRAD 24,57,66

SH0683300 PHENETHYLAMINE, N-(p-CHLOROBENZYL)-N,alpha-DIMETHYL-, HYDROCHLORIDE, (+)-

UPDT:8305 CAS: 5863-31-0 MW: 310.29 MOLFM: C17-H20-Cl-N Cl-H

SYN: (+)-N-(p-CHLOROBENZYL)-N,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:75 mg/kg APFRAD 24,57,66

SH0683700 PHENETHYLAMINE, N-(o-CHLOROBENZYL)-alpha-METHYL-, HYDROCHLORIDE (+)-

UPDT:8403 CAS: 5843-53-8 MW: 296.26 MOLFM: C16-H18-Cl-N Cl-H

SYN: BA 7205 * CHLORHYDRATE de d-N-(PHENYL-1 PROPYL-2) CHLORO-2 BENZYLAMINE (French) * (+)-N-(o-CHLOROBENZYL)-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE * CLOBENZOREX HYDROCHLORIDE * DININTEL * REXIGEN * SD 271-12

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:103 mg/kg MEIEDD 10,336,83

* ipr-mus LD50:103 mg/kg APFRAD 24,57,66

SH0684000 PHENETHYLAMINE, N-(p-CHLOROBENZYL)-alpha-METHYL-, HYDROCHLORIDE, (+)-

UPDT:8305 CAS: 13371-56-7 MW: 296.26 MOLFM: C16-H18-Cl-N Cl-H

SYN: (+)-N-(p-CHLOROBENZYL)-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:87 mg/kg APFRAD 24,57,66

SH0684500 PHENETHYLAMINE, N-p-CHLOROBENZYL-alpha-METHYL-beta-PHENYL-, MONOHYDROCHLORIDE
UPDT:8308 CAS: 51729-70-5 MW: 372.36 MOLFM: C22-H22-Cl-N Cl-H
SYN: BENZENEETHANAMINE, N-((4-CHLOROPHENYL)METHYL)-alpha-METHYL-beta-PHENYL-, HYDROCHLORIDE (9CI) * N-p-CHLOROBENZYL-alpha-METHYL-beta-PHENYLPHENETHYLAMINE HYDROCHLORIDE * 1,1-DIPHENYL-2-(N-4-CHLORBENZYLAMINO)PROPANHYDROCHLORID (German) * DPA 304
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:96 mg/kg PHARAT 28,677,73

SH0875000 PHENETHYLAMINE, p-CHLORO-N,alpha-DIMETHYL-
UPDT:8401 CAS: 1199-85-5 MW: [illegible]33.70 MOLFM: C10-H14-Cl-N
SYN: p-CHLORO-N,alpha-DIMETHYLPHENETHYLAMINE * p-CHLORO-N-METHYLAMPHETAMINE * d-1-para-CHLORO-METHYLAMPHETAMINE (French) * CMA * pCMA * RO 4-6861 * S-33
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:110 mg/kg THERAP 26,219,71
1F42 scu-rat LD50:55 mg/kg AIPTAK 159,442,66
* ivn-rat LD50:52 mg/kg THERAP 26,219,71
* orl-mus LD50:100 mg/kg THERAP 26,219,71
ipr-mus LD50:20 mg/kg ISYAM* -,729,70
* ivn-mus LD50:50 mg/kg THERAP 26,219,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SH1050000 PHENETHYLAMINE, p-CHLORO-alpha,alpha-DIMETHYL-
UPDT:8307 CAS: 461-78-9 MW: 183.70 MOLFM: C10-H14-Cl-N
SYN: p-CHLORO-alpha,alpha-DIMETHYLPHENETHYLAMINE * CHLOROPHENTERMINE * beta-(p-CHLOROPHENYL)-alpha,alpha-DIMETHYLETHYLAMINE * CHLORPHENTERAMINE * CHLORPHENTERMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T33T54 scu-rat TDLo:480 mg/kg (10-21D preg) VAAZA2 12,295,73
TOXICITY DATA AND REFERENCES:
2E01H01 orl-man TDLo:5357 ug/kg THERAP 34,205,79
* ivn-mus LD50:56 mg/kg CSLNX* NX#00697
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FEPRA7 35,89,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SH1079000 PHENETHYLAMINE, beta-CHLORO-N,alpha-DIMETHYL-, HYDROCHLORIDE, DL-
UPDT:8405 MW: 220.16 MOLFM: C10-H14-Cl-N Cl-H
SYN: DL-beta-CHLORO-N,alpha-DIMETHYL-PHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F17F20 ipr-mus LD50:185 mg/kg PHARAT 24,776,69

SH1080000 PHENETHYLAMINE, beta-CHLORO-N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8407 CAS: 32184-20-6 MW: 220.16 MOLFM: C10-H14-Cl-N Cl-H
SYN: CHLORHYDRATE de N,N-DIMETHYL beta-CHLORO beta-PHENYLETHYLAMINE (French) * beta-CHLORO N,N-DIMETHYLPHENETHYLAMINE HYDROCHOLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:50 mg/kg EJMCA5 13,277,78
scu-mus LD50:25 mg/kg JPETAB 97,25,49

SH1150000 PHENETHYLAMINE, o-CHLORO-alpha,alpha-DIMETHYL-, HYDROCHLORIDE
UPDT:8403 CAS: 10389-72-7 MW: 220.16 MOLFM: C10-H14-Cl-N Cl-H
SYN: BENZENEETHANAMINE, 2-CHLORO-alpha,alpha-DIMETHYL-, HYDROCHLORIDE * o-CHLORO-alpha,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE * CLORTERMINE HYDROCHLORIDE * alpha,alpha-DIMETHYL-o-CHLOROPHENETHYLAMINE HYDROCHLORIDE * S 77 * SU-10568 * VORANIL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:332 mg/kg TXAPA9 18,185,71
* ipr-rat LD50:92 mg/kg APTOA6 17,121,60
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SH1225000 PHENETHYLAMINE, p-CHLORO-alpha,alpha-DIMETHYL-, HYDROCHLORIDE
UPDT:8408 CAS: 151-06-4 MW: 220.16 MOLFM: C10-H14-Cl-N Cl-H
SYN: AVICOL * BENZENEETHANAMINE, 4-CHLORO-alpha,alpha-DIMETHYL-, HYDROCHLORIDE * p-CHLORO-alpha,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE * 4-CHLORO-alpha,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE * CHLOROPHENTERMINE HYDROCHLORIDE * 1-(p-CHLOROPHENYL)-2-METHYL-2-AMINOPROPANE HYDROCHLORIDE * CHLORPHENTERMINE HYDROCHLORIDE * alpha,alpha-DIMETHYL-p-CHLOROPHENETHYLAMINE HYDROCHLORIDE * LUCOFEN * LUCOFENE * NSC 76098 * PRE-SATE * PRESATE HYDROCHLORIDE * S-62 * S 62-2 * W 2426
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T72T86 orl-rat TDLo:27 mg/kg (12-22D preg) VAAZA2 39,59,82
1T81 scu-rat TDLo:150 mg/kg (16-20D preg) TOXID9 1,31,81
1T86 orl-gpg TDLo:21 mg/kg (32-68D preg) VAAZA2 39,59,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:180 mg/kg ARZNAD 13,711,63
1F15 ipr-rat LD50:144 mg/kg APTOA6 17,121,60
orl-mus LD50:225 mg/kg ARZNAD 13,711,63
ipr-mus LD50:88 mg/kg CHTPBA 5,247,70
scu-mus LD50:267 mg/kg MEIEDD 10,308,83
ivn-mus LD50:55 mg/kg JPETAB 137,365,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SH1235000 PHENETHYLAMINE, p-CHLORO-N,N-DIMETHYL-beta-METHOXY-
UPDT:8407 CAS: 67428-87-9 MW: 213.73 MOLFM: C11-H16-Cl-N-O
SYN: p-CHLORO-N,N-DIMETHYL-beta-METHOXYPHENETHYLAMINE * N,N-DIMETHYL beta-METHOXY-beta-(CHLORO-4-PHENYL)-ETHYLAMINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:120 mg/kg EJMCA5 13,277,78

SH1240000 PHENETHYLAMINE, beta-CHLORO-N,N-DIMETHYL-p-METHOXY-, HYDROCHLORIDE
UPDT:8407 CAS: 13432-66-1 MW: 234.19 MOLFM: C11-H16-Cl-N Cl-H
SYN: beta-CHLORO-N,N-DIMETHYL-p-METHOXYPHENETHYLAMINE, HYDROCHLORIDE * CHLORHYDRATE de N,N-DIMETHYL beta-CHLORO beta-(METHOXY-4-PHENYL)ETHYLAMINE (French)
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:210 mg/kg EJMCA5 13,277,78

SH1400000 PHENETHYLAMINE, N-(beta-CHLOROETHYL)-N,alpha-DIMETHYL-, HYDROCHLORIDE
UPDT:8307 CAS: 35059-09-7 MW: 248.22 MOLFM: C12-H18-Cl-N Cl-H
SYN: N, alpha-DIMETHYL-N-beta-CHLOROETHYL PHENETHYLAMINE HYDROCHLORIDE * DZO-9
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:25 mg/kg AIPTAK 196,280,72
* scu-mus LD50:18 mg/kg AIPTAK 196,280,72
* ivn-mus LD50:15 mg/kg AIPTAK 196,280,72

SH2104600 PHENETHYLAMINE, p-CYCLOHEXYL-N,N-DIETHYL-beta-(OCTYLOXY)-, HYDROCHLORIDE
UPDT:8412 CAS: 17174-45-7 MW: 424.18 MOLFM: C26-H45-N-O Cl-H
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:3 gm/kg CHTPBA 2,446,67

SH2154000 PHENETHYLAMINE, p-CYCLOPENTYL-N,N-DIETHYL-beta-(HEXYLOXY)-, HYDROCHLORIDE
UPDT:8412 CAS: 17174-44-6 MW: 382.09 MOLFM: C23-H39-N-O Cl-H
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:1050 mg/kg CHTPBA 2,446,67

SH2156000 PHENETHYLAMINE, N-(CYCLOPROPYLMETHYL)-3,4,5-TRIMETHOXY-, HYDROCHLORIDE
UPDT:8312 CAS: 62028-44-8 MW: 269.85 MOLFM: C15-H23-N-O Cl-H
SYN: BENZENEETHANAMINE, N-(CYCLOPROPYLMETHYL)-3,4,5-TRIMETHOXY-, HYDROCHLORIDE (10CI) * N-CYCLOPROPYLMESCALINE HYDROCHLORIDE * N-(CYCLOPROPYLMETHYL)-3,4,5-TRIMETHOXYPHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:399 mg/kg JPMSAE 65,1479,76

SH2185000 PHENETHYLAMINE, beta,4-DICHLORO-N,N-DIETHYL-, HYDROCHLORIDE
UPDT:8407 CAS: 67428-84-6 MW: 282.66 MOLFM: C12-H17-Cl2-N Cl-H
SYN: CHLORHYDRATE de N,N-DIETHYL beta-CHLORO beta-(CHLORO-4 PHENYL) ETHYLAMINE (French) * beta,p-DICHLORO-N,N-DIETHYLPHENETHYLAMINE, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:25 mg/kg EJMCA5 13,277,78

SH2195000 PHENETHYLAMINE, beta,4-DICHLORO-N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8407 CAS: 2971-61-1 MW: 254.60 MOLFM: C10-H13-Cl2-N Cl-H
SYN: CHLORHYDRATE de N,N-DIMETHYL beta-CHLORO beta-(CHLORO-4 PHENYL) ETHYLAMINE (French) * beta,p-DICHLORO-N,N-DIMETHYLPHENETHYLAMINE, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:22 mg/kg EJMCA5 13,277,78

SH2445000 PHENETHYLAMINE, 2,5-DIMETHOXY-alpha,4-DIMETHYL-, HYDROCHLORIDE
UPDT:8307 CAS: 15589-00-1 MW: 245.78 MOLFM: C12-H19-N-O2 Cl-H
SYN: AMPHETAMINE, 2,5-DIMETHOXY-4-METHYL-, HYDROCHLORIDE * 2,5-DIMETHOXY-alpha,4-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE * 2,5-DIMETHOXY-4-METHYLAMPHETAMINE HYDROCHLORIDE * 1-(2,5-DIMETHOXY-4-METHYLPHENYL)-2-AMINOPROPANE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:32500 ug/kg TXAPA9 45,49,78
orl-mus LD50:330 mg/kg TXAPA9 45,49,78
ipr-mus LD50:89 mg/kg JMCMAR 13,26,70
ivn-mus LD50:36 mg/kg TXAPA9 45,49,78
ivn-dog LD50:7200 ug/kg TXAPA9 45,49,78

SH2993000 PHENETHYLAMINE, 3,4-DIMETHOXY-beta-(ETHYLTHIO)-, HYDROCHLORIDE
UPDT:8406 MW: 277.84 MOLFM: C12-H19-N-O2-S Cl-H
SYN: 3,4-DIMETHOXY-beta-(ETHYLTHIO)PHENETHYLAMINE HYDROCHLORIDE * beta-3,4-DIMETHOXYPHENYL-beta-ETHYLTHIOETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg JPPMAB 7,1022,55

SH3000000 PHENETHYLAMINE, 3,4-DIMETHOXY-, HYDROCHLORIDE
UPDT:8307 CAS: 635-85-8 MW: 217.72 MOLFM: C10-H15-N-O2 Cl-H
SYN: 3,4-DIMETHOXYPHENETHYLAMINE HYDROCHLORIDE * 3,4-DIMETHOXY-beta-PHENYLETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:146 mg/kg TXAPA9 25,299,73
ipr-mus LD50:380 mg/kg JMCMAR 13,26,70
ivn-dog LD50:122 mg/kg TXAPA9 25,299,73
ivn-mky LD50:220 mg/kg TXAPA9 25,299,73
ipr-gpg LD50:375 mg/kg TXAPA9 25,299,73

SH3110000 PHENETHYLAMINE, 2,3-DIMETHOXY-beta-METHYL-, HYDROCHLORIDE
UPDT:8406 MW: 231.75 MOLFM: C11-H17-N-O2 Cl-H
SYN: 2,3-DIMETHOXY-beta-METHYLPHENETHYLAMINE HYDROCHLORIDE * beta-2,3-DIMETHOXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12G10J26 ivn-rat LD50:30 mg/kg JPETAB 81,360,44

SH3120000 PHENETHYLAMINE, 2,4-DIMETHOXY-beta-METHYL-, HYDROCHLORIDE
UPDT:8406 MW: 231.75 MOLFM: C11-H17-N-O2 Cl-H
SYN: 2,4-DIMETHOXY-beta-METHYLPHENETHYLAMINE HYDROCHLORIDE * beta-2,4-DIMETHOXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12G10J26 ivn-rat LD50:50 mg/kg JPETAB 81,360,44

SH3147000 PHENETHYLAMINE, 2,5-DIMETHOXY-beta-METHYL-, HYDROCHLORIDE
UPDT:8406 CAS: 13078-71-2 MW: 231.75 MOLFM: C11-H17-N-O2 Cl-H
SYN: beta-2,5-DIMETHOXYPHENYLPROPYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12G10J26 ivn-rat LD50:50 mg/kg JPETAB 81,360,44
unk-mus LD50:107 mg/kg JPETAB 92,283,48

SH3200000 PHENETHYLAMINE, 2,6-DIMETHOXY-beta-METHYL-, HYDROCHLORIDE
UPDT:8406 MW: 231.75 MOLFM: C11-H17-N-O2 Cl-H
SYN: 2,6-DIMETHOXY-beta-METHYLPHENETHYLAMINE HYDROCHLORIDE * beta-2,6-DIMETHOXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12G10J26 ivn-rat LD50:15 mg/kg JPETAB 81,360,44

SH3236000 PHENETHYLAMINE, 3,4-DIMETHOXY-beta-METHYL-, HYDROCHLORIDE
UPDT:8406 MW: 231.75 MOLFM: C11-H17-N-O2 Cl-H
SYN: 3,4-DIMETHOXY-beta-METHYLPHENETHYLAMINE HYDROCHLORIDE * beta-3,4-DIMETHOXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12G10J26 ivn-rat LD50:140 mg/kg JPETAB 81,360,44

SH3250000 PHENETHYLAMINE, 3,5-DIMETHOXY-beta-METHYL-, HYDROCHLORIDE
UPDT:8406 MW: 231.75 MOLFM: C11-H17-N-O2 Cl-H
SYN: 3,5-DIMETHOXY-beta-METHYLPHENETHYLAMINE HYDROCHLORIDE * beta-3,5-DIMETHOXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12G10J26 ivn-rat LD50:70 mg/kg JPETAB 81,360,44

SH4025000 PHENETHYLAMINE, alpha,alpha-DIMETHYL-
UPDT:8406 CAS: 122-09-8 MW: 149.26 MOLFM: C10-H15-N
SYN: BENZEETHANAMINE, alpha,alpha-DIMETHYL (9CI) * alpha,alpha-DIMETHYLPHENETHYLAMINE * alpha,alpha-DIMETHYL-beta-PHENYLETHYLAMINE * DUROMINE * ETHANAMINE, 1,1-DIMETHYL-2-PHENYL- * LIPOPILL * LONAMIN * MG 18370 * MG 18570 * MIRAPRONT * PHENTERMINE * 2-PHENYL-tert-BUTYLAMINE * RCRA WASTE NUMBER P046 * WILPO
MUTATION DATA AND REFERENCES:
sln-asn 1 mg/L MUREAV 26,159,74
TOXICITY DATA AND REFERENCES:
1E01 orl-man TDLo:1429 ug/kg THERAP 34,205,79
* orl-mus LD50:105 mg/kg AIPTAK 178,62,69
ipr-mus LD50:71 mg/kg RCOCB8 14,677,76
* ivn-mus LD50:14 mg/kg CSLNX* NX#03232
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SH4900000 PHENETHYLAMINE, N,alpha-DIMETHYL-
UPDT:8412 CAS: 7632-10-2 MW: 149.26 MOLFM: C10-H15-N
SYN: ANADREX * DESOXYEPHEDRINE * DESOXYN * EPHEDRINE, DEOXY- * METHAMPHETAMINE * METHEDRINE * METHYLAMPHETAMINE * N-METHYLAMPHETAMINE * N-METHYL-beta-PHENYLISOPROPYLAMIN (German) * N-METHYL-beta-PHENYLISOPROPYLAMINE * PERVERTIN * 1-PHENYL-2-METHYLAMINO-PROPAN (German) * 1-PHENYL-2-METHYLAMINOPROPANE * alpha-PHENYL-beta-METHYLAMINOPROPANE * STIMULEX
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:70 mg/kg AEPPAE 195,647,40
ipr-rat LDLo:32 mg/kg AEPPAE 195,647,40
1F42 scu-rat LD50:30 mg/kg AIPTAK 159,442,66
orl-mus LD50:34 mg/kg JPETAB 131,115,61
* ipr-mus LD50:15 mg/kg CPBTAL 22,1459,74
scu-mus LDLo:180 mg/kg 27ZIAQ -,158,73
ivn-mus LD50:10 mg/kg 27ZIAQ -,-,65

scu-cat LDLo:50 mg/kg 27ZIAQ -,158,73

SH4935000 PHENETHYLAMINE, N,beta-DIMETHYL-
UPDT:8306 CAS: 93-88-9 MW: 149.26 MOLFM: C10-H15-N
SYN: N,beta-DIMETHYLPHENETHYLAMINE * 1-METHYLAMINO-2-METHYL-2-PHENYLETHANE * 1-METHYLAMINO-2-PHENYLPROPANE * dl-1-METHYLAMINO-2-PHENYLPROPANE * N-METHYL-2-PHENYLPROPYLAMINE * PHENPROMETHAMINE * 1-PHENYL-1-METHYL-2-METHYLAMINO-AETHAN (German) * 1-PHENYL-1-METHYL-2-METHYLAMINOETHANE * PHENYLPROPYLMETHYLAMINE * VONEDRINE
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:200 mg/kg AEPPAE 195,647,40
• scu-mus LD50:400 mg/kg FEPRA7 4,139,45

SH4943500 PHENETHYLAMINE, alpha,alpha-DIMETHYL-N-ETHYL-
UPDT:8312 MW: 177.32 MOLFM: C12-H19-N
SYN: D-3-4 * alpha,alpha-DIMETHYL-N-ETHYLPHENETHYLAMINE
TOXICITY DATA AND REFERENCES:
1F03 orl-mus LDLo:400 mg/kg JPMSAE 55,38,66

SH4947200 PHENETHYLAMINE, N,alpha-DIMETHYL-N-(p-FLUOROBENZYL)-, HYDROCHLORIDE, (+)-
UPDT:8305 CAS: 14898-11-4 MW: 293.84 MOLFM: C17-H20-F-N.Cl-H
SYN: (+)-N,alpha-DIMETHYL-N-(p-FLUOROBENZYL)PHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:73 mg/kg APFRAD 24,57,66

SH4950000 PHENETHYLAMINE, alpha,alpha-DIMETHYL-, HYDROCHLORIDE
UPDT:8307 CAS: 1197-21-3 MW: 185.72 MOLFM: C10-H15-N.Cl-H
SYN: BENZENEETHANAMINE, alpha,alpha-DIMETHYL, HYDROCHLORIDE * alpha-METHYLAMPHETAMINE HYDROCHLORIDE * MG 18370 * MG 18570 * PHENTERAMINE HYDROCHLORIDE * PHENTERMINE HYDROCHLORIDE * 1-PHENYL-2-METHYL-2-AMINOPROPANE HYDROCHLORIDE * S 58 * WILPO
TOXICITY DATA AND REFERENCES:
orl-rat LD50:151 mg/kg TXAPA9 1,42,59
• ipr-rat LD50:81 mg/kg APTOA6 17,121,60
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SH4960000 PHENETHYLAMINE, beta,beta-DIMETHYL-, HYDROCHLORIDE
UPDT:8406 CAS: 21404-94-4 MW: 185.72 MOLFM: C10-H15-N.Cl-H
SYN: DIMETHYL-beta-PHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:135 mg/kg JPETAB 83,253,45

SH5075000 PHENETHYLAMINE, N,alpha-DIMETHYL-, HYDROCHLORIDE
UPDT:8411 CAS: 300-42-5 MW: 185.72 MOLFM: C10-H15-N.Cl-H
SYN: A 884 * AMDRAM * AMEDRINE * AMPHEDROXY * AMPHEDROXYN * APAMINE * BOMBITA * C 6379 * CORVITIN * DAROPERVAMIN * DEA OXO-5 * DEOFED * DEOXYEPHEDRINE * DEPOXIN * DESAMINE * DESFEDRAN * DESFEDRIN * DESOSSIEFEDRINA * DES-OXA-D * DESOXEDRINE * DESOXIN * DESOXO-5 * DESOXYFED * DESOXYN * DESOXYPHED * DESTIM * DESYPHED * DESYPHEN * DETREX * DEXOPHRINE * DEXOSYN * DEXOVAL * DEXSTIM * DEXTIM * N,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE * DOE * DOPIDRIN * DOXEPHIN * DOXEPHRIN * DOXYFED * DRINALFA * EFFROXINE * EFROXINE * ESTIMULEX * EUFODRIN * EUFODRINAL * EUPHODRIN * EUPHODRINAL * 914F * FENYPRIN * GEROBIT * GEROVIT * HEROPON * HIROPON * ISOPHAN * ISOPHEN * KEMODRIN * LANAZINE * LEVETAMIN * MADRINE * MEPHO-D * METAMFETAMINA * METAMINA * METAMINE * METAMPHETAMIN * METAMSUSTAC * METANFETAMINA * METHAMPEX * METHAMPHETAMINE HYDROCHLORIDE * METHAMPHIN * METHEDRINAL * METHEDRINE * METHEDRINE HYDROCHLORIDE * METHOXYN * METHYLAMPHETAMINE * METHYLAMPHETAMINE HYDROCHLORIDE * METHYLBENZEDRIN * METHYLISAMIN * METHYLISOMIN * METHYLISOMYN * N-METHYL-beta-PHENYLISOPROPYLAMINHYDROCHLORID (German) * METHYLPROPAMINE * MILLER DRINE * NEODRINE * NEOPHARMEDRINE * NORADRIN * NORMADRINE * NORODIN * NORODRIN * OXYDESS * OXYDRENE * OXYDRIN * OXYFED * PERVITIN * PHEDOXE * PHEDRISOX * PHILOPON * PISICHERGINA * PREMODRIN * PSICHERGINA * PSICOPAN * PSIQUERGINA * PSYCHERGINE * PSYKOTON * SEMOXYDRINE * SOXYSYMPAMINE * SPEED * STIMDEX * STIMULEX * SYNDROX * TONEDRIN * TONEDRON * VONEDRINE
IRRITATION DATA AND REFERENCES:
eye-rbt 2% MLD ARZNAD 8,708,58
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T21 ipr-rat TDLo:2250 ug/kg (1D male) PHBHA4 4,677,69
2T72T86 scu-rat TDLo:42 mg/kg (1-21D preg) DEPBA5 8,397,75
1T85 scu-rat TDLo:210 mg/kg (1-21D preg) DEPBA5 8,397,75
1T81 scu-rat TDLo:210 mg/kg (1-21D preg) NTOTDY 3,261,81
TOXICITY DATA AND REFERENCES:
3F05F14G10 orl-hmn TDLo:17 mg/kg KLWOAZ 17,1580,38
• orl-rat LD50:247 mg/kg OYYAA2 9,601,75
ipr-rat LD50:19 mg/kg ARZNAD 8,708,58
scu-rat LD50:850 mg/kg JPETAB 86,284,46
3F18F19F23 ivn-rat LD50:13 mg/kg HEPHD2 55,527,80
2J20J25 orl-mus LD50:109 mg/kg GNAMAP 17,41,78
ipr-mus LD50:4000 ug/kg ARZNAD 11,271,61
scu-mus LD50:30 mg/kg ARZNAD 8,708,58
3F18F19F23 ivn-mus LD50:15 mg/kg HEPHD2 55,527,80
scu-rbt LD50:205 mg/kg JPETAB 86,284,46
ivn-rbt LD50:72 mg/kg JPETAB 86,284,46
ims-rbt LD50:220 mg/kg JPETAB 86,284,46
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SH5250000 PHENETHYLAMINE, N,alpha-DIMETHYL-, HYDROCHLORIDE, (-)-
UPDT:8207 CAS: 826-10-8 MW: 185.72 MOLFM: C10-H15-N.Cl-H
SYN: l-DESOXYEPHEDRINE HYDROCHLORIDE * N,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE, (-)- * l-METHAMPHETAMINE HYDROCHLORIDE * l-N-METHYL-beta-PHENYLISOPROPYLAMINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T19U01 ivn-mus TDLo:15 mg/kg (9-11D preg) TJADAB 4,131,71
3T41T43T42 ivn-mus TDLo:70 mg/kg (9-15D preg) TJADAB 4,131,71
3T34T19U01 ivn-rbt TDLo:6 mg/kg (12-15D preg) TJADAB 4,131,71
2T41T42 ivn-rbt TDLo:6 mg/kg (12-15D preg) TJADAB 4,131,71
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:25 mg/kg 27ZQAG -,346,72
scu-rat LD50:30 mg/kg 27ZQAG -,346,72
ipr-mus LD50:70 mg/kg JPETAB 89,382,47
scu-mus LD50:180 mg/kg 27ZQAG -,346,72
ivn-mus LD50:33 mg/kg 27ZQAG -,346,72
orl-dog LD50:10 mg/kg 27ZQAG -,346,72
ivn-dog LD50:2700 ug/kg PSEBAA 118,557,65
scu-cat LD50:50 mg/kg 27ZQAG -,346,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SH5425000 PHENETHYLAMINE, N,alpha-DIMETKYL-, HYDROCHLORIDE, (+)-
UPDT:8307 CAS: 51-57-0 MW: 185.72 MOLFM: C10-H15-N.Cl-H
SYN: ADIPEX * DEOXYPHEDRINE * DESOXYEPHEDRINE * d-DESOXYEPHEDRINE HYDROCHLORIDE * DESOXYFED * DESOXYN * DESYPHED * DEXOVAL * DEXTIM * d-N,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE * (+)-N,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE * DOE * DOXYFED * DRINALFA * EFROXINE * GEROVIT * ISOPHEN * (+)-METHAPHETAMINE CHLORIDE * (+)-METHAPHETAMINE HYDROCHLORIDE * d-METHAPHETAMINE HYDROCHLORIDE * METHAPHETAMINIUM CHLORIDE * METHEDRINE * (+)-2-METHYLAMINO-2-PHENYLPROPANE HYDROCHLORIDE * (+)-N-METHYLAMPHETAMINE HYDROCHLORIDE * D-METHYLAMPHETAMINE HYDROCHLORIDE * METHYLISOMYN * d-N-METHYL-beta-PHENYLISOPROPYLAMINE HYDROCHLORIDE * PERVITIN * SOXYSYMPAMINE * SYNDROX * TONEDRON * USAF EL-36
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T83 orl-rat TDLo:792 mg/kg (4W male/4W pre-3W post) ONRA9 20,625,73
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:15 mg/kg 27ZQAG -,346,72
scu-mus LD50:8 mg/kg JPETAB 87,214,46
• ivn-mus LD50:6300 ug/kg CSLNX* NX#02170
orl-gpg LD50:90 mg/kg SMWOAS 84,351,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SH5450000 PHENETHYLAMINE, N,alpha-DIMETHYL-, HYDROCHLORIDE, (+-)-
UPDT:8407 CAS: 4298-16-2 MW: 185.72 MOLFM: C10-H15-N.Cl-H
SYN: dl-DEOXYEPHEDRINE HYDROCHLORIDE * dl-DESOXYEPHEDRINE HYDROCHLORIDE * dl-METHANPHETAMINE HYDROCHLORIDE * dl-N-METHYL-beta-PHENYLISOPROPYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-rat LD50:54480 ug/kg JAPMA8 37,223,48
3F12F13J30 orl-mus LD50:143 mg/kg JAPMA8 37,223,48
3F12F13J30 ipr-mus LD50:61160 ug/kg JAPMA8 37,223,48

SH5605000 PHENETHYLAMINE, alpha-alpha-DIMETHYL-N-ISOBUTYL-
UPDT:8312 MW: 205.38 MOLFM: C14-H23-N
SYN: D-3-10 * alpha,alpha-DIMETHYL-N-ISOBUTYLPHENETHYLAMINE
TOXICITY DATA AND REFERENCES:
1F03 orl-mus LDLo:200 mg/kg JPMSAE 55,38,66

SH5631000 PHENETHYLAMINE, N,N-DIMETHYL-beta-METHOXY-
UPDT:8407 CAS: 6721-66-0 MW: 179.29 MOLFM: C11-H17-N-O
SYN: N,N-DIMETHYL-beta-METHOXYPHENETHYLAMINE * N,N-DIMETHYL-beta-METHOXY-beta-PHENYLETHYLAMINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:150 mg/kg EJMCA5 13,277,78

SH5632000 PHENETHYLAMINE, N,alpha-DIMETHYL-N-(p-METHOXYBENZYL)-, CYCLOHEXANESULFAMATE, (+)-
UPDT:8305 CAS: 14611-82-6 MW: 448.68 MOLFM: C18-H23-N-O.C6-H13-N-O3-S
SYN: (+)-N,alpha-DIMETHYL-N-(p-METHOXYBENZYL)PHENETHYLAMINE CYCLOHEXANESULFAMATE
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:225 mg/kg APFRAD 24,57,66

SH5670000 PHENETHYLAMINE, N,alpha-DIMETHYL-m-METHOXY-, HYDROCHLORIDE
UPDT:8406 MW: 215.75 MOLFM: C11-H17-N-O.Cl-H
SYN: N,alpha-DIMETHYL-m-METHOXYPHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3C08F12J30 ivn-rat LD50:35 mg/kg JPETAB 94,150,48

SH5671000 PHENETHYLAMINE, N,alpha-DIMETHYL-p-METHOXY-, HYDROCHLORIDE
UPDT:8406 CAS: 3398-68-3 MW: 215.75 MOLFM: C11-H17-N-O.Cl-H
SYN: N,alpha-DIMETHYL-p-METHOXYPHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3C08F12J30 ivn-rat LD50:40 mg/kg JPETAB 94,150,48

SH5692000 PHENETHYLAMINE, N,alpha-DIMETHYL-N-(p-METHYLBENZYL)-, HYDROCHLORIDE, (+)-
UPDT:8305 CAS: 13371-62-5 MW: 289.88 MOLFM: C18-H23-N.Cl-H
SYN: (+)-N,alpha-DIMETHYL-N-(p-METHYLBENZYL)PHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:81 mg/kg APFRAD 24,57,66

SH5755000 PHENETHYLAMINE, alpha,alpha-DIMETHYL-N-(2-((4-METHYLPHENYL)PHENYLMETHOXY)ETHYL)- ETHANEDIOATE (2:1)
UPDT:8311 CAS: 65236-27-3 MW: 418.56 MOLFM: C26-H31-N-O.1/2C2-H2-O4
SYN: DAN-2816 * alpha,alpha-DIMETHYL-N-(2-((4-METHYLPHENYL)PHENYLMETHOXY)ETHYL)PHENETHYLAMINE OXALATE (2:1)
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:800 mg/kg EJMCA5 12,459,77

SH5960000 PHENETHYLAMINE, alpha,N-DIMETHYL-N-NITROSO-
UPDT:8405 MW: 178.26 MOLFM: C10-H14-N2-O
SYN: N-NITROSOMETHAMPHETAMINE * 2-N-NITROSOMETHYLAMINO-1-PHENYLPROPANE
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate CALEDQ 21,63,83

SH6005000 PHENETHYLAMINE, N,alpha-DIMETHYL-beta-PHENYL-, MONOHYDROCHLORIDE
UPDT:8308 CAS: 3139-56-8 MW: 261.82 MOLFM: C16-H19-N.Cl-H
SYN: BENZENEETHANAMINE, N,alpha-DIMETHYL-beta-PHENYL-, HYDROCHLORIDE (9CI) * N,alpha-DIMETHYL-beta-PHENYL-PHENETHYLAMINE HYDROCHLORIDE * 1,1-DIPHENYL-2-(N-METHYLAMINO)PROPANE HYDROCHLORIDE * DPA 2
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:78 mg/kg PHARAT 28,677,73

SH6020000 PHENETHYLAMINE, alpha,alpha-DIMETHYL-N-PROPYL-
UPDT:8312 MW: 191.35 MOLFM: C13-H21-N
SYN: D-3-6 * alpha,alpha-DIMETHYL-N-PROPYLPHENETHYLAMINE
TOXICITY DATA AND REFERENCES:
1F03 orl-mus LDLo:400 mg/kg JPMSAE 55,38,66

SH6030000 PHENETHYLAMINE, N,N-DIMETHYL-beta-(PROPYLTHIO)-, HYDROCHLORIDE
UPDT:8406 MW: 259.87 MOLFM: C13-H21-N-S.Cl-H
SYN: N,N-DIMETHYL-beta-PHENYL-beta-PROPYLTHIOETHYLAMINE HYDROCHLORIDE * N,N-DIMETHYL-beta-(PROPYLTHIO)PHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:160 mg/kg JPPMAB 7,1022,55

SH6060000 PHENETHYLAMINE, N,alpha-DIMETHYL-N-2-PROPYNYL-, HYDROCHLORIDE, (+-)-
UPDT:8406 MW: 223.77 MOLFM: C13-H17-N.Cl-H
SYN: BENZENEETHANAMINE, N,alpha-DIMETHYL-N-2-PROPYNYL-, HYDROCHLORIDE, (+-)- (9CI) * (+-)-DEPRENIL HYDROCHLORIDE * (+-)-N,alpha-DIMETHYL-N-2-PROPYNYLPHENETHYLAMINE HYDROCHLORIDE * (+-)-E-250 * (+-)-PHENYLISOPROPYLMETHYLPROPYNYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
• scu-rat LD50:218 mg/kg APACAB 32,377,67
• ivn-rat LD50:75 mg/kg APACAB 32,377,67
• unk-mus LD50:90 mg/kg APACAB 32,377,67

SH6070000 PHENETHYLAMINE, N,alpha-DIMETHYL-N-2-PROPYNYL-, HYDROCHLORIDE, D-(+)-
UPDT:8406 CAS: 4528-52-3 MW: 223.77 MOLFM: C13-H17-N.Cl-H
SYN: BENZENEETHANAMINE, N,alpha-DIMETHYL-N-2-PROPYNYL-, HYDROCHLORIDE, (S)- (9CI) * (+)-DEPRENIL HYDROCHLORIDE * (+)-DEPRENYL HYDROCHLORIDE * (+)-N,alpha-DIMETHYL-N-2-PROPYNYLPHENETHYLAMINE HYDROCHLORIDE * (+)-E-250 * (+)-PHENYLISOPROPYLMETHYLPROPYNYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F13F17F43 scu-rat LD50:208 mg/kg APACAB 32,377,67
3F13F17F43 ivn-rat LD50:72500 ug/kg APACAB 32,377,67
• unk-mus LD50:30500 ug/kg APACAB 32,377,67

SH6477540 PHENETHYLAMINE, N,alpha-DIMETHYL-N-(m-(TRIFLUOROMETHYL)BENZYL)-, HYDROCHLORIDE, (+)-
UPDT:8305 CAS: 14898-12-5 MW: 343.85 MOLFM: C18-H20-F3-N.Cl-H
SYN: (+)-N,alpha-DIMETHYL-N-(m-(TRIFLUOROMETHYL)BENZYL)PHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:89 mg/kg APFRAD 24,57,66

SH6480000 PHENETHYLAMINE, N-(3,3-DIPHENYLPROPYL)-alpha-METHYL-
UPDT:8307 CAS: 390-64-7 MW: 329.52 MOLFM: C24-H27-N

SYN: B-436 * BENZENEPROPANAMINE, N-(1-METHYL-2-PHENYLETHYL)-gamma-PHENYL- * BISMETHIN * CARDITIN * CORPAX * N-(3,3-DIPHENYLPROPYL)-alpha-METHYLPHENETHYLAMINE * ELECOR * HOSTAGINAN * N-(1-METHYL-2-PHENYLETHYL)-gamma-PHENYLBENENEPROPANAMINE * 1-PHENYL-2-(1',1'-DIPHENYLPROPYL-3'-AMINO)PROPANE * PRENYLAMINE * SEGONTIN * SYNADRIN * VALECOR
TOXICITY DATA AND REFERENCES:
3G04G08G10 orl-wmn TDLo:3600 mg/kg BMJOAE 2(6087),608,77
ivn-rat LD50:11 mg/kg ARZNAD 20,1362,70
3F05F12J12 ivn-mus LD50:250 mg/kg TXAPA9 6,676,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SH6530000 PHENETHYLAMINE, beta-ETHYL-, HYDROCHLORIDE
UPDT:8406 CAS: 20569-45-3 MW: 185.72 MOLFM: C10-H15-N Cl-H
SYN: beta-ETHYLPHENETHYLAMINE HYDROCHLORIDE * 2-PHENYL-1-AMINOBUTANE HYDROCHLORIDE * USAF EL-19
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:50 mg/kg NTIS** AD277-689

SH6801000 PHENETHYLAMINE, N-ETHYL-p-METHOXY-alpha-METHYL-, HYDROCHLORIDE
UPDT:8406 MW: 229.78 MOLFM: C12-H19-N-O Cl-H
SYN: N-ETHYL-p-METHOXY-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3C08F12J30 ivn-rat LD50:40 mg/kg JPETAB 94,150,48

SH6820000 PHENETHYLAMINE, N-ETHYL-alpha-METHYL-m-(TRIFLUOROMETHYL)-
UPDT:8402 CAS: 458-24-2 MW: 231.29 MOLFM: C12-H16-F3-N
SYN: N-ETHYL-alpha-METHYL-3-TRIFLUOROMETHYLPHENETHYLAMINE * FENFLURAMINE * 3-(TRIFLUOROMETHYL)-N-ETHYL-alpha-METHYLPHENETHYLAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 orl-rat TDLo:280 mg/kg (7-20D preg) TJADAB 17,39A,78
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:50 mg/kg LANCAO 2,1306,69
2E01F08 orl-man TDLo:4286 ug/kg THERAP 34,205,79
orl-rat LD50:130 mg/kg JMCMAR 18,177,75
orl-mus LD50:170 mg/kg ISYAM* -,75,70
ipr-mus LD50:53 mg/kg ISYAM* -,75,70
orl-dog LD50:100 mg/kg ISYAM* -,75,70
orl-cat LD50:60 mg/kg ISYAM* -,75,70
orl-rbt LD50:50 mg/kg ISYAM* -,75,70
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PHJOAV 213(5781),159,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SH6900000 PHENETHYLAMINE, N-ETHYL-alpha-PHENYL-, HYDROCHLORIDE
UPDT:8406 CAS: 6272-97-5 MW: 261.82 MOLFM: C16-H19-N Cl-H
SYN: ETHYLAMINE, 1,2-DIPHENYL-N-ETHYL-, HYDROCHLORIDE * N-ETHYL-alpha-PHENYLPHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:55 mg/kg JPETAB 77,317,43
2F11F12 scu-mus LDLo:585 mg/kg JAPMAB 39,354,50

SH6910000 PHENETHYLAMINE, beta-(ETHYLTHIO)-, HYDROCHLORIDE
UPDT:8406 MW: 217.78 MOLFM: C10-H15-N-S Cl-H
SYN: beta-ETHYLTHIO-beta-PHENYLETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:97 mg/kg JPPMAB 7,1022,55

SH6911000 PHENETHYLAMINE, beta-(ETHYLTHIO)-p-METHOXY-, HYDROCHLORIDE
UPDT:8406 MW: 247.81 MOLFM: C11-H17-N-O-S Cl-H
SYN: beta-ETHYLTHIO-beta-(4-METHOXYPHENYL)ETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:220 mg/kg JPPMAB 7,1022,55

SH6912000 PHENETHYLAMINE, beta-(ETHYLTHIO)-alpha-METHYL-, HYDROCHLORIDE
UPDT:8406 MW: 231.81 MOLFM: C11-H17-N-S Cl-H
SYN: beta-(ETHYLTHIO)-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE * 1-ETHYLTHIO-1-PHENYLISOPROPYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:120 mg/kg JPPMAB 7,1022,55

SH6974000 PHENETHYLAMINE, N-(p-FLUOROBENZYL)-alpha-METHYL-, HYDROCHLORIDE (+)-
UPDT:8305 CAS: 14817-93-7 MW: 243.35 MOLFM: C16-H18-F-N
SYN: (+)-N-(p-FLUOROBENZYL)-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:49 mg/kg APFRAD 24,57,66

SH7175000 PHENETHYLAMINE, HYDROCHLORIDE
UPDT:8407 CAS: 156-28-5 MW: 157.66 MOLFM: C8-H11-N Cl-H
SYN: beta-PHENETHYLAMINE HYDROCHLORIDE * 1-PHENYL-2-AMINOETHANE HYDROCHLORIDE * beta-PHENYLATHYLAMINHYDROCHLORID (German) * beta-PHENYLETHYLAMINE HYDROCHLORIDE * 2-PHENYLETHYLAMINE HYDROCHLORIDE * USAF EL-76
TOXICITY DATA AND REFERENCES:
2F05F14 orl-hmn TDLo:45 mg/kg KLWOAZ 17,1580,38
scu-rat LDLo:160 mg/kg JPETAB 71,62,41
ipr-mus LD50:366 mg/kg PSEBAA 81,607,52
scu-mus LD50:470 mg/kg JPPMAB 15,472,63
* ivn-mus LD50:50 mg/kg APFRAD 9,390,51
ivn-rbt LDLo:50 mg/kg JPETAB 36,363,29
3D16F11F12 scu-gpg LDLo:316 mg/kg JPETAB 47,339,33
skn-gpg LDLo:200 mg/kg JPETAB 32,121,27
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

beta-PHENETHYLAMINE HYDROCHLORIDE see: SH7175000

SH7725000 PHENETHYLAMINE, 4-HYDROXY-alpha,3,5-TRIMETHYL-, HYDROCHLORIDE
UPDT:8307 CAS: 24973-31-7 MW: 215.75 MOLFM: C11-H17-N-O Cl-H
SYN: AMPHETAMINE, 3,5-DIMETHYL-4-HYDROXY-, HYDROCHLORIDE * 3,5-DIMETHYL-4-HYDROXYAMPHETAMINE HYDROCHLORIDE * 1-(3,5-DIMETHYL-4-HYDROXYPHENYL)-2-AMINOPROPANE * 4-HYDROXY-alpha,3,5-TRIMETHYLPHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:174 mg/kg JMCMAR 13,26,70

SH7770000 PHENETHYLAMINE, N-ISOPROPYL-o-METHOXY-alpha-METHYL-, HYDROCHLORIDE
UPDT:8307 CAS: 22331-78-8 MW: 243.81 MOLFM: C13-H21-N-O Cl-H
SYN: N-ISOPROPYL-o-METHOXY-alpha-METHYL-PHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13R21 ipr-mus LD50:78 mg/kg AIPTAK 134,426,61

SH7802000 PHENETHYLAMINE, beta-(ISOPROPYLTHIO)-, HYDROCHLORIDE
UPDT:8406 MW: 231.81 MOLFM: C11-H17-N-S Cl-H
SYN: beta-ISOPROPYLTHIO-beta-PHENYLETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:140 mg/kg JPPMAB 7,1022,55

SH7803000 PHENETHYLAMINE, beta-(ISOPROPYLTHIO)-p-METHOXY-, HYDROCHLORIDE
UPDT:8406 MW: 261.84 MOLFM: C12-H19-N-O-S Cl-H
SYN: beta-ISOPROPYLTHIO-beta-(4-METHOXYPHENYL)ETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:140 mg/kg JPPMAB 7,1022,55

SH7880000 PHENETHYLAMINE, N-(p-METHOXYBENZYL)-alpha,alpha-DIMETHYL-, HYDROCHLORIDE
UPDT:8307 CAS: 68397-94-4 MW: 305.88 MOLFM: C18-H23-N-O Cl-H
SYN: BENZENEETHANAMINE, alpha,alpha-DIMETHYL-N-((4-METHOXYPHENYL)METHYL)-, HYDROCHLORIDE * F 1617 * N-(p-METHOXYBENZYL)-alpha,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:300 mg/kg BCFAAI 117,83,78

SH7886000 PHENETHYLAMINE, N-(p-METHOXYBENZYL)-alpha-METHYL-, HYDROCHLORIDE, (+)-
UPDT:8305 CAS: 13371-64-7 MW: 291.85 MOLFM: C17-H21-N-O Cl-H
SYN: (+)-N-(p-METHOXYBENZYL)-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg APFRAD 24,57,66

SH7890000 PHENETHYLAMINE, N-(p-METHOXYBENZYL)-alpha-METHYL-beta-PHENYL-, MONOHYDROCHLORIDE
UPDT:8308 CAS: 51729-72-7 MW: 367.95 MOLFM: C23-H25-N-O Cl-H
SYN: BENZENEETHANAMINE, N-((4-METHOXYPHENYL)METHYL-alpha-METHYL-beta-PHENYL-, HYDROCHLORIDE (9CI) * 1,1-DIPHENYL-2-(N-(4'-METHOXYBENZYL)AMINO)PROPANHYDROCHLORID (German) * DPA 306 * N-(p-METHOXYBENZYL)-alpha-METHYL-beta-PHENYLPHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:207 mg/kg PHARAT 28,677,73

SH8050000 PHENETHYLAMINE, o-METHOXY-N, alpha-DIMETHYL-, HYDROCHLORIDE
UPDT:8406 CAS: 5588-10-3 MW: 215.75 MOLFM: C11-H17-N-O Cl-H
SYN: METHOXIPHENADRIN HYDROCHLORIDE * o-METHOXY-N,alpha-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE * METHOXYPHENAMINE HYDROCHLORIDE * METHOXYPHENAMINIUM CHLORIDE * beta-(o-METHOXYPHENYL)ISOPROPYLMETHYLAMINE HYDROCHLORIDE * alpha-(2-METHOXYPHENYL)-beta-METHYLAMINOPROPANE HYDROCHLORIDE * ORTHOXINE HYDROCHLORIDE * ORTODRINEX HYDROCHLORIDE * PROASMA HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:630 mg/kg NIIRDN 6,837,82
* scu-rat LD50:573 mg/kg NIIRDN 6,837,82
* ivn-rat LD50:50 mg/kg NIIRDN 6,837,82
* orl-mus LD50:605 mg/kg NIIRDN 6,837,82
ipr-mus LD50:90 mg/kg 27ZQAG -,348,72
* scu-mus LD50:380 mg/kg NIIRDN 6,837,82
* orl-rbt LD50:652 mg/kg NIIRDN 6,837,82
* scu-rbt LD50:269 mg/kg NIIRDN 6,837,82
* ivn-rbt LD50:30 mg/kg NIIRDN 6,837,82

SH8095000 PHENETHYLAMINE, m-METHOXY-, HYDROCHLORIDE
UPDT:8312 CAS: 2039-54-5 MW: 187.69 MOLFM: C9-H13-N-O Cl-H
SYN: m-METHOXYPHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:346 mg/kg JPMSAE 65,1479,76

SH8100000 PHENETHYLAMINE, 4-METHOXY-alpha-(4'-METHOXYPHENYL)-, HYDROCHLORIDE
UPDT:8406 CAS: 62402-45-3 MW: 293.82 MOLFM: C16-H19-N-O2 Cl-H
SYN: BIS(p-METHOXYPHENYL)ETHYLAMINE HYDROCHLORIDE * ETHYLAMINE, 1,2-DI-(p-METHOXYPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:50 mg/kg JPETAB 77,317,43
3F11F12F23 scu-mus LDLo:222 mg/kg JAPMAB 39,354,50

SH8110000 PHENETHYLAMINE, p-METHOXY-N-METHYL-
UPDT:8401 CAS: 4091-50-3 MW: 165.26 MOLFM: C10-H15-N-O
SYN: COMPOUND 48/80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 ipr-mus TDLo:1200 mg/kg (1-6D preg) JRPFA4 6,179,63
TOXICITY DATA AND REFERENCES:
3F12J22J24 ivn-rat LD50:2400 ug/kg AIPTAK 120,353,59
3F12J22J24 ivn-mus LD50:1950 ug/kg AIPTAK 120,353,59
3F12J22J24 ivn-rbt LD50:1500 ug/kg AIPTAK 120,353,59
3F12J22J24 ivn-gpg LD50:1290 ug/kg AIPTAK 120,353,59
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SH8120000 PHENETHYLAMINE, m-METHOXY-alpha-METHYL-, HYDROCHLORIDE
UPDT:8406 MW: 201.72 MOLFM: C10-H15-N-O Cl-H
SYN: m-METHOXY-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3C08F12J30 ivn-rat LD50:40 mg/kg JPETAB 94,150,48

SH8121000 PHENETHYLAMINE, m-METHOXY-beta-METHYL-, HYDROCHLORIDE
UPDT:8406 CAS: 13062-95-8 MW: 201.72 MOLFM: C10-H15-N-O Cl-H
SYN: m-METHOXY-beta-METHYLPHENETHYLAMINE HYDROCHLORIDE * beta-m-METHOXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12G10J26 ivn-rat LD50:40 mg/kg JPETAB 81,360,44

SH8124200 PHENETHYLAMINE, o-METHOXY-alpha-METHYL-, HYDROCHLORIDE
UPDT:8406 MW: 201.72 MOLFM: C10-H15-N-O Cl-H
SYN: o-METHOXY-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3C08F12J30 ivn-rat LD50:60 mg/kg JPETAB 94,150,48

SH8124300 PHENETHYLAMINE, o-METHOXY-beta-METHYL-, HYDROCHLORIDE
UPDT:8406 MW: 201.72 MOLFM: C10-H15-N-O Cl-H
SYN: o-METHOXY-beta-METHYLPHENETHYLAMINE HYDROCHLORIDE * beta-o-METHOXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12G10J26 ivn-rat LD50:80 mg/kg JPETAB 81,360,44

SH8124400 PHENETHYLAMINE, p-METHOXY-alpha-METHYL-, HYDROCHLORIDE
UPDT:8406 CAS: 3706-26-1 MW: 201.72 MOLFM: C10-H15-N-O Cl-H
SYN: p-METHOXY-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3C08F12J30 ivn-rat LD50:30 mg/kg JPETAB 94,150,48

SH8124500 PHENETHYLAMINE, p-METHOXY-beta-METHYL-, HYDROCHLORIDE
UPDT:8406 MW: 201.72 MOLFM: C10-H15-N-O Cl-H
SYN: p-METHOXY-beta-METHYLPHENETHYLAMINE HYDROCHLORIDE * beta-p-METHOXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12G10J26 ivn-rat LD50:30 mg/kg JPETAB 81,360,44

SH8125000 PHENETHYLAMINE, 4-METHOXY-alpha-METHYL-, HYDROCHLORIDE, DL-
UPDT:8307 CAS: 52740-56-4 MW: 201.72 MOLFM: C10-H15-N-O Cl-H
SYN: 4-METHOXYAMPHETAMINE HYDROCHLORIDE * DL-4-METHOXYAMPHETAMINE HYDROCHLORIDE * dl-p-METHOXY-alpha-METHYL-PHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:46 mg/kg TXAPA9 45,49,78
orl-mus LD50:284 mg/kg TXAPA9 45,49,78
1H01 ipr-mus LD50:40 mg/kg JMCMAR 8,100,65
ivn-mus LD50:49 mg/kg TXAPA9 45,49,78
ivn-dog LD50:7 mg/kg TXAPA9 45,49,78

SH8943000 PHENETHYLAMINE, p-METHOXY-beta-(PROPYLTHIO)-, HYDROCHLORIDE
UPDT:8406 MW: 261.84 MOLFM: C12-H19-N-O-S Cl-H
SYN: beta-(4-METHOXYPHENYL)-beta-PROPYLTHIOETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:120 mg/kg JPPMAB 7,1022,55

SH8948000 PHENETHYLAMINE, m-METHOXY-N,N,alpha-TRIMETHYL-, HYDROCHLORIDE
UPDT:8406 MW: 229.78 MOLFM: C12-H19-N-O Cl-H
SYN: m-METHOXY-N,N,alpha-TRIMETHYLPHENETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3C08F12J30 ivn-rat LD50:40 mg/kg JPETAB 94,150,48

SH8949000 PHENETHYLAMINE, o-METHOXY-N,N,alpha-TRIMETHYL-, HYDROCHLORIDE
UPDT:8406 MW: 229.78 MOLFM: C12-H19-N-O.Cl-H
SYN: o-METHOXY-N,N,alpha-TRIMETHYL-PHENETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3C08F12J30	ivn-rat LD50:40 mg/kg	JPETAB 94,150,48
3F12F13R21	ipr-mus LD50:79 mg/kg	AIPTAK 134,426,61

SH8949100 PHENETHYLAMINE, p-METHOXY-N,N,alpha-TRIMETHYL-, HYDROCHLORIDE
UPDT:8406 MW: 229.78 MOLFM: C12-H19-N-O.Cl-H
SYN: p-METHOXY-N,N,alpha-TRIMETHYLPHENETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3C08F12J30	ivn-rat LD50:50 mg/kg	JPETAB 94,150,48

SH9000000 PHENETHYLAMINE, alpha-METHYL-
UPDT:8309 CAS: 60-15-1 MW: 135.23 MOLFM: C9-H13-N
SYN: AMFETAMINA (Italian) * beta-AMINOPROPYLBENZENE * AMPHETAMINE * DESOXYNOREPHEDRINE * ELASTONON * FENOPROMIN * alpha-METHYLPHENETHYLAMINE * MYDRIAL * 1-PHENYL-2-AMINO-PROPAN (German) * 1-PHENYL-2-AMINOPROPANE * beta-PHENYLISOPROPYLAMIN (German) * (PHENYLISOPROPYL)AMINE * beta-PHENYLISOPROPYLAMINE * PROTIOAMPHETAMINE

TOXICITY DATA AND REFERENCES:

3G10R20F13	orl-inf TDLo:7500 mg/kg	AJDCAI 130,507,76
	orl-rat LDLo:50 mg/kg	AEPPAE 195,647,40
	ipr-rat LD50:125 mg/kg	JPETAB 132,97,61
	scu-rat LD50:39 mg/kg	JPETAB 86,280,46
*	orl-mus LD50:22 mg/kg	ARZNAD 32,604,82
3F11F12F13	ipr-mus LD50:16 mg/kg	PSCHDL 51,209,77
	scu-mus LDLo:5 mg/kg	RFTOAN 36,61,73
	ivn-mus LD50:18 mg/kg	APTOA6 38,474,76
	scu-rbt LDLo:20 mg/kg	AEPPAE 192,331,39

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLCHAU 19,361,73; FNSCA6 2,67,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SH9100000 PHENETHYLAMINE, alpha-METHYL-, (+)-
UPDT:8306 CAS: 51-64-9 MW: 135.23 MOLFM: C9-H13-N
SYN: d-AM * d-2-AMINO-1-PHENYLPROPANE * (+)-AMPHETAMINE * d-AMPHETAMINE * D-AMPHETAMINE * AMSUSTAIN * DEPHADREN * DEXAMPHETAMINE * DEXEDRINE * alpha-METHYLPHENETHYLAMINE, d-FORM * PHENETHYLAMINE, alpha-METHYL-, d- * PHENETHYLAMINE, alpha-METHYL-, D- * d-1-PHENYL-2-AMINOPROPAN (German) * d-1-PHENYL-2-AMINOPROPANE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T21	ipr-rat TDLo:2 mg/kg (1D male)	ANENAG 24(Suppl 3),1,63
1T85	scu-rat TDLo:25 mg/kg (5-9D preg)	DABBBA 31,6304,71

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:38 mg/kg	TXAPA9 18,185,71
	ipr-rat LDLo:70 mg/kg	AEPPAE 195,647,40
	scu-rat LD50:200 mg/kg	27ZIAQ -,84,73
3F05F17J22	orl-mus LD50:40 mg/kg	TXAPA9 41,329,77
	ipr-mus LD50:9 mg/kg	TXAPA9 22,138,72
2F13U25	scu-mus LD50:22 mg/kg	AIPTAK 146,392,63
	ivn-mus LD50:25 mg/kg	JMCMAR 15,410,72
	orl-dog LDLo:6400 ug/kg	27ZIAQ -,84,73
	orl-mky LDLo:32 mg/kg	27ZIAQ -,84,73
2F17U25	ipr-grb LD50:17600 ug/kg	GERNDJ 23,165,77
3F02F15M10	orl-mam LD50:375 mg/kg	JMCMAR 8,536,65

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SH9450000 PHENETHYLAMINE, alpha-METHYL-, (+-)-
UPDT:8406 CAS: 300-62-9 MW: 135.23 MOLFM: C9-H13-N
SYN: ACTEDRON * ADIPAN * ALLODENE * dl-AMPHETAMINE * ANOREXIDE * BENZEDRINE * (+-)-BENZEDRINE * dl-BENZEDRINE * (+-)-DESOXYNOREPHEDRINE * racemic-DESOXYNOREPHEDRINE * ELASTONON * ISOAMYCIN * ISOMYN * MECODRIN * alpha-METHYLBENZENEETHANEAMINE * dl-alpha-METHYLPHENETHYLAMINE * (+-)-alpha-METHYLPHENETHYLAMINE * NOREPHEDRANE * NOREPHEDRINE, DEOXY- * NOVYDRINE * ORTEDRINE * PHENEDRINE * dl-1-PHENYL-2-AMINOPROPANE * PROFAMINA * PROPISAMINE * PSYCHEDRINE * RAPHETAMINE * SIMPATEDRIN * SYMPAMINE * SYMPATEDRINE * WECKAMINE

MUTATION DATA AND REFERENCES:

	dnd-esc 40 umol/L	MUREAV 89,95,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T85	scu-rat TDLo:11 mg/kg (1-22D preg)	PSYPAG 40,25,74

TOXICITY DATA AND REFERENCES:

	unk-man LDLo:2206 mg/kg	85DCAI 2,73,70
*	orl-rat LDLo:5 mg/kg	85ESA3 9,68,76
	scu-rat LD50:180 mg/kg	JPETAB 85,119,45
	orl-mus LD50:22 mg/kg	AIPTAK 178,62,69
	ipr-mus LD50:18 mg/kg	TXAPA9 7,566,65
*	scu-mus LD50:15 mg/kg	FEPRA7 4,139,45
	ivn-mus LD50:15 mg/kg	AIPTAK 146,392,63
*	unk-mus LD50:8800 ug/kg	APACAB 32,377,67
1U26	orl-mam LD50:135 mg/kg	BICMBE 63,495,81
1U26	ipr-mam LD50:65 mg/kg	BICMBE 63,495,81

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENETHYLAMINE, alpha-METHYL-, d- see: SH9100000
PHENETHYLAMINE, alpha-METHYL-, D- see: SH9100000

SH9665000 PHENETHYLAMINE, N-METHYL-N-(beta-CHLOROPHENETHYL)-, HYDROCHLORIDE
UPDT:8407 CAS: 13771-03-6 MW: 308.27 MOLFM: C17-H19-Cl2-N
SYN: CHLORHYDRATE de N-METHYL BIS-(beta-CHLOROPHENYLETHYL)AMINE (French) * METHYLAMINE, BIS(beta-CHLOROPHENETHYL)-, HYDROCHLORIDE * N-METHYL-BIS(beta-CHLOROPHENETHYLAMINE)

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:25 mg/kg	EJMCA5 13,277,78

SH9798000 PHENETHYLAMINE, alpha-METHYL-, HYDROCHLORIDE
UPDT:8412 MW: 171.69 MOLFM: C9-H13-N.Cl-H
SYN: AMPHETAMINE HYDROCHLORIDE * BENZEDRINE HYDROCHLORIDE * alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1H01	scu-hmn TDLo:714 ug/kg	JAMAAP 94,790,30
	ipr-rat LD50:30 mg/kg	JPETAB 86,284,46
*	scu-rat LDLo:25 mg/kg	JACSAT 53,1875,31
3F12F17J26	ipr-mus LD50:120 mg/kg	JPHYA7 98,424,40
	scu-mus LD50:42 mg/kg	JPETAB 86,280,46
	scu-rbt LD50:11 mg/kg	JPETAB 86,284,46
	ivn-rbt LD50:10 mg/kg	JPETAB 86,284,46
	ims-rbt LD50:10 mg/kg	JPETAB 86,284,46

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHREAY 9,389,31

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SH9798450 PHENETHYLAMINE, alpha-METHYL-, HYDROCHLORIDE, (+-)-
UPDT:8412 CAS: 2706-50-5 MW: 171.69 MOLFM: C9-H13-N.Cl-H
SYN: dl-alpha-METHYLPHENETHYLAMINE HYDROCHLORIDE * dl-beta-PHENYLISOPROPYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F17H01	ipr-mus LD50:40 mg/kg	JMCMAR 8,190,65
3D16F11F12	scu-gpg LDLo:52 mg/kg	JPETAB 47,339,33

SH9799000 PHENETHYLAMINE, beta-METHYL-, HYDROCHLORIDE
UPDT:8406 CAS: 20388-87-8 MW: 171.69 MOLFM: C9-H13-N.Cl-H
SYN: beta-METHYLPHENETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	scu-rat LDLo:500 mg/kg	JACSAT 53,1875,31
3F12G10J26	ivn-rat LD50:50 mg/kg	JPETAB 81,360,44
*	ivn-mus LD50:19 mg/kg	APFRAD 9,390,51
*	ivn-rbt LDLo:50 mg/kg	JACSAT 53,1875,31

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHREAY 9,389,31

SH9800000 PHENETHYLAMINE, N-METHYL-, HYDROCHLORIDE
UPDT:8406 CAS: 4104-43-2 MW: 171.69 MOLFM: C9-H13-N.Cl-H
SYN: N-METHYL PHENETHYLAMINE, HYDROCHLORIDE * USAF EL-29

TOXICITY DATA AND REFERENCES:

3F12F17J22	ipr-rat LDLo:283 mg/kg	JAPMAB 45,719,56
	ipr-mus LD50:50 mg/kg	NTIS** AD277-689

SI0560000 PHENETHYLAMINE, alpha-METHYL-N-(p-METHYLBENZYL)-, HYDROCHLORIDE, (+)-
UPDT:8307 CAS: 13371-60-3 MW: 275.85 MOLFM: C17-H21-N.Cl-H
SYN: CHLORHYDRATE de d-N-(PHENYL-1 PROPYL-2) METHYL-4 BENZYLAMINE (French) * (+)-alpha-METHYL-N-(p-METHYLBENZYL)PHENETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:119 mg/kg	APFRAD 24,57,66

SI0590000 PHENETHYLAMINE, alpha-METHYL-3,4-(METHYLENEDIOXY)-, (+-)-
UPDT:8307 MW: 179.24 MOLFM: C10-H13-N-O2
SYN: 1,3-BENZODIOXOLE-5-ETHANAMINE, alpha-METHYL-, (+-)- (9CI) * (+-)-MDA * (+-)-beta-3,4-METHYLENEDIOXYAMPHETAMINE * (+-)-alpha-METHYL-3,4-(METHYLENEDIOXY)PHENETHYLAMINE

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:63 mg/kg	TXAPA9 45,675,78

SI0592000 PHENETHYLAMINE, alpha-METHYL-3,4-(METHYLENEDIOXY)-, (R)-
UPDT:8307 MW: 179.24 MOLFM: C10-H13-N-O2
SYN: 1,3-BENZODIOXOLE-5-ETHANAMINE, alpha-METHYL-, (R)- (9CI) * (R)-MDA * (R)-beta-3,4-(METHYLENEDIOXY)AMPHETAMINE * (R)-alpha-METHYL-3,4-(METHYLENEDIOXY)PHENETHYLAMINE

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:87 mg/kg	TXAPA9 45,675,78

SI0593000 PHENETHYLAMINE, alpha-METHYL-3,4-(METHYLENEDIOXY)-, (S)-
UPDT:8307 MW: 179.24 MOLFM: C10-H13-N-O2
SYN: 1,3-BENZODIOXOLE-5-ETHANAMINE, alpha-METHYL-, (S)- (9CI) * (S)-MDA * (S)-beta-3,4-METHYLENEDIOXYAMPHETAMINE * (S)-alpha-METHYL-3,4-(METHYLENEDIOXY)PHENETHYLAMINE

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:34 mg/kg	TXAPA9 45,675,78

SI0770000 PHENETHYLAMINE, N-METHYL-N-NITROSO-
UPDT:8401 CAS: 13256-11-6 MW: 164.23 MOLFM: C9-H12-N2-O
SYN: N-METHYL-N-NITROSOPHENETHYLAMINE * METHYL-2-PHENYLAETHYLNITROSAMIN (German) * METHYLPHENYLETHYLNITROSAMINE * N-NITROSO-N-METHYL-2-PHENYLETHYLAMINE

MUTATION DATA AND REFERENCES:

	mma-sat 10 ug/plate	MUREAV 66,1,79

TUMORIGENIC DATA AND REFERENCES:

3V01K60P61	orl-rat TDLo:5200 ug/kg/33W-I	FCTOD7 20,393,82
2V03K60	orl-rat TD :165 mg/kg/33W-I	XENOBH 3,271,73
2V03K60	orl-rat TD :160 mg/kg/46W-C	ARZNAD 19,1077,69
3V01K60P61	orl-rat TD :14400 ug/kg/33W-I	FCTOD7 20,393,82
3V01K60P61	orl-rat TD :78 mg/kg/33W-I	FCTOD7 20,393,82
3V03K60L60	orl-rat TD :124 mg/kg/33W-I	FCTOD7 20,393,82
3V03J60K60	orl-rat TD :336 mg/kg/33W-I	FCTOD7 20,393,82
3V03K60L60	orl-rat TD :124 mg/kg/33W-I	JJIND8 68,681,82
2V03K60	orl-rat TD :312 mg/kg/28W-I	JJIND8 68,681,82

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:48 mg/kg	ZEKBAI 69,103,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SI0787000 PHENETHYLAMINE, alpha-METHYL-beta-PHENYL-
UPDT:8308 CAS: 3139-55-7 MW: 211.33 MOLFM: C15-H17-N
SYN: BENZENEETHANAMINE, alpha-METHYL-beta-PHENYL- (9CI) * 1,1-DIPHENYL-2-AMINOPROPANE * DPA 1 * alpha-METHYL-beta-PHENYLPHENETHYLAMINE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:58 mg/kg	PHARAT 28,677,73

SI0800000 PHENETHYLAMINE, N-METHYL-alpha-PHENYL-, HYDROCHLORIDE
UPDT:8406 CAS: 7400-77-3 MW: 247.79 MOLFM: C15-H17-N.Cl-H
SYN: ETHYLAMINE, 1,2-DIPHENYL-N-METHYL-, HYDROCHLORIDE * N-METHYL-alpha-PHENYLPHENETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

	ivn-rat LD50:60 mg/kg	JPETAB 77,317,43
2F12F17	scu-mus LDLo:443 mg/kg	JAPMAB 39,354,50

SI0875000 PHENETHYLAMINE, alpha-METHYL-, PHOSPHATE, (+-)-
UPDT:8403 CAS: 139-10-6 MW: 233.23 MOLFM: C9-H13-N.H3-O4-P
SYN: ACETMIN * ACTEMIN * AKTEDRON * AMPHATE * AMPHETAMINE PHOSPHATE * dl-AMPHETAMINE PHOSPHATE * AMPHETANE PHOSPHATE * AMPHOS * BAR-DEX * DEPUALONE * DIETAMINE * DYNAPHENIL * alpha-METHYLPHENETHYLAMINE PHOSPHATE, dl-MIXTURE * MONOBASIC dl-alpha-METHYLPHENETHYLAMINE PHOSPHATE * MONOBASIC RACEMIC AMPHETAMINE PHOSPHATE * MONOPHOR * MONOPHOS * OBESITABS * PHENETHYLAMINE, alpha-METHYL-, PHOSPHATE, dl- * 1-PHENYL-2-AMINOPROPANE MONOPHOSPHATE * PROFETAMINE * PROFETAMINE PHOSPHATE * RACEPHEN * RAPHETAMINE PHOSPHATE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:175 mg/kg	TXAPA9 1,42,59
	orl-mus LD50:154 mg/kg	TXAPA9 1,42,59
	ipr-mus LDLo:52 mg/kg	JPETAB 127,55,59

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENETHYLAMINE, alpha-METHYL-, PHOSPHATE, dl- see: SI0875000
PHENETHYLAMINE, alpha-METHYL-, SULFATE, (+) see: SI1400000

SI1400000 PHENETHYLAMINE, alpha-METHYL-, SULFATE (2:1), (+)-
UPDT:8408 CAS: 51-63-8 MW: 368.54 MOLFM: C18-H26-N2.H2-O4-S

SYN: ACEDRON * ADJUDETS * ADRIZINE * AFATIN * ALBEMAP * ALGO-DEX * AMDEX * d-AMFETASUL * AMFIRENE * AMPHAETEX * AMPHEDRINE * AMPHEREX * (+)-AMPHETAMINE SULFATE * d-AMPHETAMINE SULFATE * AMPHETASUL * AMPHEX * AMPTREREX * AMSUSTAIN * APETAIN * ARDEX * D-ATE PHENYL 747 * d-BENZEDRINE SULFATE * BENZENEETHANAMINE, alpha-METHYL-, (S)-, SULFATE (2:1) * BETAFEDRINA * BETAFEDRINE * d-BETAPHEDRINE * CARRTIME * CRADEX * DADEX * DADOX D-CITRAMINE * DAMS * DAS * DELLIPSOIDS * DEPHADREN * DESOXYN * DEXAMIE * DEXALINE * DEXALME * DEXALONE * DEXAMED * DEXAMINE * DEXAMPHAMINE * DEXAMPHETAMINE * DEXAMPHETAMINE SULFATE * DEXAMYL * DEXEDRINA * DEXEDRINE * DEXEDRINE SULFATE * DEXIES * DEX OB * DEXOVAL * DEX-SULE * DEXTEN * DEXTENAL * DEXTROAMPHETAMINE * DEXTROAMPHETAMINE SULFATE * DEXTROANFETAMINA * DEXTRO-PROFETAMINE * DEXTROSULE * DIOCURB * DIPHYLETS * DITAB * DOMAFATE * DURA DEX * DYNAPHENYL * ELASTONON * EPHADREN * EVRODEX * FASTBALLS * HEARTS * HETAMINE * LENTANET * LOWEDEX * MAXITON * MAXITON SULFATE * MEDEX * METAPHYLLIN * alpha-METHYLBENZENEETHANAMINE SULFATE * (+)-alpha-METHYLPHENETHYLAMINE SULFATE (2:1) * alpha-METHYLPHENETHYLAMINE SULFATE, d-form * d-alpha-METHYLPHENETHYLAMINE SULFATE * dextro-alpha-METHYLPHENETHYLAMINE SULFATE * NILOX * OBESEDRIN * OBESONIL * ORANGES * PELLCAFS * PELLCAP * PELLCAPS * PEROX * PHENOPROMIN * PHENETHYLAMINE, alpha-METHYL-, SULFATE, (+) * d-1-PHENYL-2-AMINOPROPANE SULFATE * dextro-1-PHENYL-2-AMINO-PROPANE SULFATE * d-beta-PHENYLISOPROPYLAMINE SULFATE * dextro-beta-PHENYLISOPROPYLAMINE SULFATE * PHETADEX * POMADEX * PRO-DEXTER * PSYCHODRINE * RECORDATI * SOVIDEX * SIMPAMINA-D * SYMPAMIN * SYMPAMINA D * TEMPODEX * TUPHETAMINE * TYDEX * ZAMINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T41	orl-wmn TDLo:96 mg/kg (5-39W preg)	INTSAO 50,79,68
2T71T81	orl-rat TDLo:440 mg/kg (1-22D preg)	DABBBA 37,1576,76
1T85	orl-rat TDLo:146 mg/kg (30D pre-21D post)	DABBBA 39,5121,79
1T25	ipr-rat TDLo:70 mg/kg (9-10D preg)	ANREAK 172,338,72
1T21	scu-rat TDLo:500 ug/kg (1D male)	PSYPAG 10,44,66
1T85	scu-rat TDLo:2 mg/kg (12-15D preg)	NTOTDY 4,63,82
1T81	scu-rat TDLo:36 mg/kg (5-22D preg)	LIFSAK 18,605,76
1T83	scu-rat TDLo:108 mg/kg (5-22D preg)	LIFSAK 18,605,76
1T85	unk-rat TDLo:2 mg/kg (12-15D preg)	TJADAB 29(3),18A,84
3T42T43T47	ipr-mus TDLo:500 ug/kg (8D preg)	LANCAO 2,1021,65
1T25	ipr-mus TDLo:500 ug/kg (8D preg)	LANCAO 2,1021,65
2T83T85	ipr-mus TDLo:30 mg/kg (16-21D preg)	DEPBA5 7,429,74
2T71T81	orl-rbt TDLo:140 mg/kg (1-28D preg)	DABBBA 37,1576,76

TOXICITY DATA AND REFERENCES:

1F03	orl-rat LD50:32 mg/kg	ARZNAD 33,1411,83
3F12F13F21	ipr-rat LD50:68 mg/kg	TXCYAC 14,217,79
*	scu-rat LD50:200 mg/kg	MEIEDD 10,427,83
	ivn-rat LD50:30 mg/kg	JPETAB 110,180,54
1F17	orl-mus LD50:10 mg/kg	JMCMAR 18,71,75
1U25	ipr-mus LD50:13 mg/kg	EJPHAZ 7,220,69
	scu-mus LD50:16 mg/kg	AIPTAK 184,34,70
	ivn-mus LD50:30 mg/kg	JPETAB 137,365,62
	orl-dog LD50:10 mg/kg	PSEBAA 118,557,65
	ivn-dog LD50:3 mg/kg	PSEBAA 118,557,65
	ivn-rbt LD50:10 mg/kg	JPETAB 110,180,54

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ISYAM* -,343,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SI1750000 PHENETHYLAMINE, alpha-METHYL-, SULFATE (2:1), (+-)-
UPDT:8412 CAS: 60-13-9 MW: 368.54 MOLFM: C18-H26-N2 H2-O4-S
SYN: ACETEDRON * ADIPAN * ADIPARTHROL * AKETDRIN * AKTEDRIN * ALENTOL * AMFETAMINA * AMFETAMINE * (+-)-2-AMINO-1-PHENYLPROPANE SULFATE * AMPHAETAMIN * AMPHAMED * AMPHAMINE SULFATE * AMPHATAMIN * AMPHATE * AMPHEDRINE * AMPHETAMINE SULFATE * dl-AMPHETAMINE SULFATE * DL-AMPHETAMINE SULFATE * (+-)-AMPHETAMINE SULFATE * AMPHETAMINE SULPHATE * AMPHETAMINUM * AMPHEZAMIN * AMPHOIDS-5 * ANABA * ANFETAMINA * ANOREXINE * ASTEDIN * BENNIE * BENZAFINYL * BENZAMPHETAMINE * BENZEBAR * BENZEDRINA * BENZEDRINE * BENZEDRYNA * BENZIES * BENZOLONE * BENZPROPAMINE * BETAFEN * BETAPHEN * BLUZEDRIN * CARTWHEELS * CENTRAMINA * DEOXYNOREPHEDRINE * DESOXYNOREPHEDRINE * DIDREX * DIETAMINE * DUROPHET * ELASTONIN * ELASTONON * EUPHOBINE * EUPHODINE * EUPHODYN * FABEDRINE * FENAMIN * FENABA * FENEDRIN * FENOPROMIN * HALLOO-WACH * HEARTS * IBIOZEDRINE * ISAMIN * ISOAMIN * ISOAMYNE * ISOMYN * LEODRIN * LEVONOR * LINAMPHETA * MECODRIN * alpha-METHYLPHENETHYLAMINE SULFATE, (+-)- * MIMETINA * MONETAMINE * NCI-C55710 * NOCLON * NOREPHEDRANE * NORPHEDRANE * NOVYDRINE * OKTEDRIN * ORALDRINA * ORTENAL * ORTHEDRIN * PEACHES * PERCOMON * PHARMAMEDRINE * PHARMEDRINE * PHENAMINE * PHENEDRINE * PHENISOPROPYLAMINE SULFATE * (+-)-PHENISOPROPYLAMINE SULFATE * PHENOPROMIN * PHENPROMIN * beta-PHENYLISOPROPYLAMINE SULFATE * PROFAMINA * PROFETAMINE * PROPENYL * PROPISAMINE * PSYCHEDRINE * PSYCHEDRINUM * PSYCHEDRYNA * PSYCHOTON * RACEPHEN * RHINALATOR * ROSES * SEDOLIN * SIMPAMINA * SIMPAMINE * SIMPATEDRIN * STIMULAN * SYMPAMETIN * SYMPAMINE * SYMPATEDRINE * SYNSATEDRINE * THEPTINE * VAPEDRINE * WECKAMINE * ZEDRINE

MUTATION DATA AND REFERENCES:

	sln-dmg-unk 1500 gm/L	CTOXAO 5,395,72

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T83	scu-rat TDLo:4 mg/kg (12-15D preg)	BRREAP 21,460,70
1T85	scu-rat TDLo:11 mg/kg (1-22D preg)	PSCHDL 58,171,78
1T35	orl-mus TDLo:900 mg/kg (1-18D preg)	OFAJAE 41,227,65

TOXICITY DATA AND REFERENCES:

3F05F16G10	orl-hmn TDLo:41 mg/kg	KLWOAZ 17,1580,38
	orl-rat LD50:55 mg/kg	ARZNAD 13,711,63
	ipr-rat LD50:125 mg/kg	JPETAB 132,97,61
2F13L30	scu-rat LD50:160 mg/kg	AIMEAS 10,1874,37
	orl-mus LD50:24 mg/kg	ARZNAD 13,711,63
1E15	ipr-mus LD50:40 mg/kg	AIPTAK 155,69,65
*	scu-mus LD50:7 mg/kg	AIPTAK 170,428,67
	ivn-mus LDLo:10 mg/kg	JPPGAR 37,597,39
	orl-dog LD50:23 mg/kg	PSEBAA 118,557,65
	ivn-dog LD50:6 mg/kg	PSEBAA 118,557,65
*	orl-rbt LD50:85 mg/kg	BSESA3 9,79,76
	ivn-rbt LDLo:25 mg/kg	JPETAB 109,387,53
*	scu-gpg LD50:105 mg/kg	AIPTAK 137,375,62

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ISYAM* -,343,70
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SI1770000 PHENETHYLAMINE, alpha-METHYL-, (+)-, TARTRATE (1:1)
UPDT:8306 CAS: 3996-11-4 MW: 285.33 MOLFM: C9-H13-N C4-H6-O6
SYN: (+)-AMPHETAMINE BITARTRATE * d-AMPHETAMINE BITARTRATE * (+)-AMPHETAMINE TARTRATE * d-AMPHETAMINE TARTRATE * DEXAMPHETAMINE TARTRATE * DEXTROAMPHETAMINE TARTRATE * MAXITON * (+)-alpha-METHYLPHENETHYLAMINE TARTRATE (1:1)

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:5100 ug/kg	AIPTAK 103,146,55

SI1780000 PHENETHYLAMINE, beta-(METHYLTHIO)-, HYDROCHLORIDE
UPDT:8406 MW: 203.75 MOLFM: C9-H13-N-S Cl-H
SYN: beta-METHYLTHIO-beta-PHENYLETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:160 mg/kg	JPPMAB 7,1022,55

SI1870000 PHENETHYLAMINE, alpha-METHYL-N-(m-(TRIFLUOROMETHYL)BENZYL)-, HYDROCHLORIDE, (+)-
UPDT:8305 CAS: 3843-14-9 MW: 293.36 MOLFM: C17-H18-F3-N
SYN: (+)-alpha-METHYL-N-(m-TRIFLUOROMETHYL)BENZYL)PHENETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:39 mg/kg	APFRAD 24,57,66

SI2300000 PHENETHYLAMINE, alpha-PHENYL-, HYDROCHLORIDE
UPDT:8406 CAS: 24301-89-1 MW: 233.76 MOLFM: C14-H15-N Cl-H
SYN: ETHYLAMINE, 1,2-DIPHENYL-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

	ivn-rat LD50:45 mg/kg	JPETAB 77,317,43
3F12F17J26	ipr-mus LD50:175 mg/kg	JPHYA7 98,424,40
2F12F23	scu-mus LDLo:222 mg/kg	JAPMAB 39,354,50

SI2370000 PHENETHYLAMINE, beta-(PROPYLTHIO)-, HYDROCHLORIDE
UPDT:8406 MW: 231.81 MOLFM: C11-H17-N-S Cl-H
SYN: beta-PHENYL-beta-PROPYLTHIOETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:97 mg/kg	JPPMAB 7,1022,55

SI2410000 PHENETHYLAMINE, N-PROPYL-3,4,5-TRIMETHOXY-, HYDROCHLORIDE
UPDT:8312 CAS: 62028-43-7 MW: 289.84 MOLFM: C14-H23-N-O3 Cl-H
SYN: BENZENEETHANAMINE, 3,4,5-TRIMETHOXY-N-PROPYL-, HYDROCHLORIDE * N-PROPYLMESCALINE HYDROCHLORIDE * N-PROPYL-3,4,5-TRIMETHOXYPHENETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:450 mg/kg	JPMSAE 65,1479,76

SI2510000 PHENETHYLAMINE, beta,beta'-THIOBIS-, DIHYDROCHLORIDE
UPDT:8406 MW: 345.36 MOLFM: C16-H20-N2-S 2Cl-H
SYN: DI-(alpha-PHENYL-beta-AMINOETHYL)SULPHIDE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:310 mg/kg	JPPMAB 7,1022,55

SI2625000 PHENETHYLAMINE, 3,4,5-TRIMETHOXY-
UPDT:8408 CAS: 54-04-6 MW: 211.29 MOLFM: C11-H17-N-O3
SYN: BENZENEETHANAMINE, 3,4,5-TRIMETHOXY- * ETHANE, 1-AMINO-2-(3,4,5-TRIMETHOXYPHENYL)- * MESCALINE * MESCLINE * MEZCALINE * MEZCLINE * TMPEA * 3,4,5-TRIMETHOXYBENZENEETHANAMINE * 3,4,5-TRIMETHOXYPHENETHYLAMINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T51	orl-ham TDLo:64 mg/kg (7-10D preg)	TJADAB 9,A-19,74
3T25T26T46	orl-ham TDLo:64 mg/kg (7-10D preg)	TJADAB 23,287,81
3T41T55T59	scu-ham TDLo:450 ug/kg (8D preg)	SCIEAS 158,265,67
3T25T35T34	scu-ham TDLo:450 ug/kg (8D preg)	SCIEAS 158,265,67
1T81	scu-ham TDLo:480 mg/kg (8-9D preg)	AJOGAH 120,1105,74

TOXICITY DATA AND REFERENCES:

2F06F08	ims-hmn TDLo:2500 ug/kg	PSYPAG 3,219,62
	ipr-rat LD50:370 mg/kg	JPETAB 119,78,57
	orl-mus LD50:880 mg/kg	JPETAB 131,115,61
	ipr-mus LD50:315 mg/kg	JMCMAR 13,26,70
	unk-mus LD50:261 mg/kg	NATUAS 218,296,68
	par-gpg LDLo:500 mg/kg	JPETAB 50,359,34
	par-frg LDLo:750 mg/kg	JPETAB 50,359,34

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTOXAO 12(1),1,78; PISDDJ 5,-,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SI3675000 PHENETHYLAMINE, N,alpha,alpha-TRIMETHYL-
UPDT:8312 CAS: 100-92-5 MW: 163.29 MOLFM: C11-H17-N
SYN: MEFENTERDRIN * MEFENTERMIN * MEPHENTERDRINE * MEPHENTERDRINUM * MEPHENTERMINE * MEPHETEDRINE * MEPHINE * 2-METHYLAMINO-2-METHYL-1-PHENYLPROPANE * N-METHYL-omega-PHENYL-t-BUTYLAMINE * N-alpha,alpha-TRIMETHYLBENZENEETHANAMINE * N-alpha,alpha-TRIMETHYLPHENETHYLAMINE * N-alpha,alpha-TRIMETHYL-beta-PHENETHYLAMINE * VIALIN * WY-585 * WYAMINE * WYIENTERMINA

TOXICITY DATA AND REFERENCES:

1F03	orl-mus LDLo:200 mg/kg	JPMSAE 55,38,66
*	ipr-mus LD50:100 mg/kg	BSESA3 9,760,76

SI3827000 PHENETHYLAMINE, N,alpha,alpha-TRIMETHYL-N-(2-((4-METHYLPHENYL)PHENYLMETHOXY)ETHYL)-, HYDROCHLORIDE
UPDT:8311 CAS: 62099-12-1 MW: 424.07 MOLFM: C27-H33-N-O Cl-H
SYN: DAN 2817 * N,alpha,alpha-TRIMETHYL-N-(2-((4-METHYLPHENYL)PHENYLMETHOXY)ETHYL)PHENETHYLAMINE HCl

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:470 mg/kg	EJMCA5 12,459,77

beta-PHENETHYL-o-AMINOBENZOATE see: CB3720000
1-PHENETHYLAMINO-3-PHENOXY-2-PROPANOL HYDROCHLORIDE see: UB8860000
PHENETHYL ANTHRANILATE see: CB3720000
PHENETHYL BENZOATE see: DH6288000
beta-PHENETHYLBIGUANIDE see: DU2100000
1-PHENETHYLBIGUANIDE see: DU2100000
1-PHENETHYLBIGUANIDE COPPER COMPLEX SULFATE see: DU2125000
PHENETHYLBIGUANIDE HYDROCHLORIDE see: DU2200000
N'-beta-PHENETHYLBIGUANIDE HYDROCHLORIDE see: DU2200000
N(sup 1)-beta-PHENETHYLBIGUANIDE HYDROCHLORIDE see: DU2200000
1-PHENETHYLBIGUANIDE HYDROCHLORIDE see: DU2200000
beta-PHENETHYL N-BUTANOATE see: ET5956200
2-PHENETHYL BUTANOATE see: ET5956200
PHENETHYL BUTYRATE see: ET5956200
PHENETHYLCARBAMATE de beta-HYDROXYETHYLE (French) see: FD0418000
PHENETHYLCARBAMIC ACID (2-DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: FD0417000
PHENETHYLCARBAMIC ACID, 2-HYDROXYETHYL ESTER see: FD0418000
PHENETHYLCARBAMID (German) see: YT2275000
PHENETHYL CINNAMATE see: GE0405000
beta-PHENETHYL CINNAMATE see: GE0405000
1-PHENETHYL-3-(N,N-DIETHYLCARBAMOYL)PIPERIDINE see: QU1921500
PHENETHYLDIGUANIDE see: DU2100000
PHENETHYLENE see: WL3675000
PHENETHYLENE OXIDE see: CZ9625000
N'-beta-PHENETHYLFORMAMIDINYLIMINOUREA see: DU2100000
PHENETHYL FORMATE see: LQ9400000
PHENETHYL 2-FUROATE see: LV2018000
PHENETHYLHYDRAZIN see: MV8750000
PHENETHYLHYDRAZINE see: MV8400000
PHENETHYLHYDRAZINE SULFATE (1:1) see: MV8750000
PHENETHYLHYDRAZINE SULPHATE see: MV8750000
PHENETHYL ISOBUTYRATE see: NQ5435000
PHENETHYLMETHYLETHYLCARBINOL see: SA7624000
PHENETHYL METHYL KETONE see: EL9600000
1-PHENETHYL-3-METHYL-4-PHENYL-4-PROPIONYLOXYPIPERIDINE HYDROCHLORIDE see: TN7748000
4-PIPERIDINOL, 3-METHYL-1-PHENETHYL-4-PHENYL-, PROPIONATE, HYDROCHLORIDE
N-PHENETHYL-1-NAPHTHALENEMETHYLAMINE HYDROCHLORIDE see: QJ9705700
PHENETHYL-8-OXA-1-DIAZA-3,8-SPIRO(4,5)DECANONE-2-HYDROCHLORIDE see: RO0375000
2-(p-PHENETHYLPHENOXY)TRIETHYLAMINE see: YE2175000
2-(m-PHENETHYLPHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE2175300
PHENETHYL PHENYLACETATE see: AJ3255000
N-(p-PHENETHYL)PHENYLACETOHYDROXAMIC ACID see: AL1225000
2-PHENETHYL-3-PHENYLBICARBAMIMIDE see: DT4394300
alpha-(p-PHENETHYLPHENYL)-1-IMIDAZOLEETHANOL MONOHYDROCHLORIDE see: NI5683000
1-PHENETHYL-3-(PIPERIDINOCARBONYL)PIPERIDINE see: OB6376000

N-(1-PHENETHYL-4-PIPERIDYL)PROPIONANILIDE DIHYDROGEN CITRATE see: UE5600000
1-PHENETHYL-3-PIPERIDYL PIPERIDINO KETONE see: OB6376000
N-(1-PHENETHYL-4-PIPERIDYL)PROPIONANILIDE CITRATE see: UE5600000
N-(1-PHENETHYL-4-PIPERIDYL)PROPIONANILIDE DIHYDROGEN CITRATE see: UE5600000
N-(1-PHENETHYL-4-PIPERIDYL)PROPIONANILIDE HYDROCHLORIDE see: UE5551000
N-(1-PHENETHYL-4-PIPERIDYL)-N-PROPIONYLANTHRANILIC ACID ETHYL ESTER HYDROCHLORIDE see: CB3723100
N-(1-PHENETHYL-4-PIPERIDYL)-N-PROPIONYLANTHRANILIC ACID METHYL ESTER HCl DIHYDRATE see: CB3723300
N-(1-PHENETHYL-4-PIPERIDYL)-N-PROPIONYLANTHRANILIC ACID PROPYL ESTER HYDROCHLORIDE see: CB3723500
N-(1-PHENETHYL-4-PIPERIDYL)-N-(2-PYRIDYL)PROPIONAMIDE HYDROCHLORIDE see: UE4529100
N-(1-PHENETHYL-4-PIPERIDYL)-N-(3-PYRIDYL)PROPIONAMIDE HYDROCHLORIDE see: UE4529150
N-(1-PHENETHYL-4-PIPERIDYL)-N-(4-PYRIDYL)PROPIONAMIDE HYDROCHLORIDE see: UE4529250
1-PHENETHYL-4-(1-PIPERIDYL)-2,2,6,6-TETRAMETHYL-4-PIPERIDINECARBOXAMIDE see: TM6109000
1-PHENETHYL-4-PIPERIDYL 3,4,5-TRIMETHOXYBENZOATE HYDROCHLORIDE see: TN7860000
N-PHENETHYLPIPERONYLAMINE HYDROCHLORIDE see: TO2201000
N-PHENETHYLPROPIONAMIDE see: UE4529050
PHENETHYL PROPIONATE see: UF6488000
N-PHENETHYL-4-(o-PROPIONYLANILINO)PIPERIDINE see: UE5550000
1-PHENETHYL-4-N-PROPIONYLANILINOPIPERIDINE see: UF5550000
N-PHENETHYLSUCCINAMIC ACID SODIUM SALT see: WM3808000
2-PHENETHYL SULFITE see: WT3515000
PHENETHYL TIGLATE see: EM9255000
PHENETHYL alpha-TOLUATE see: AJ3255000
p-PHENETIDIN see: SI6465500
p-PHENETIDINANTIMONYLTARTRAT (German) see: SI7000000

SI6465300 o-PHENETIDINE
UPDT:8401 CAS: 94-70-2 MW: 137.20 MOLFM: C8-H11-N-O
SYN: 2-AMINOPHENETOLE * o-ETHOXYANILINE * 2-ETHOXYANILINE * o-PHENETIDINE (DOT) * UN 2311 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SI6465500 p-PHENETIDINE
UPDT:8411 CAS: 156-43-4 MW: 137.20 MOLFM: C8-H11-N-O
SYN: p-AMINOPHENETOLE * 4-AMINOPHENETOLE * ANILINE, p-ETHOXY- * BENZENAMINE, 4-ETHOXY (9CI) * p-ETHOXYANILINE * 4-ETHOXYANILINE * PHENETHIDINE * p-PHENETIDIN * p-PHENETIDINE (DOT) * UN 2311 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg MLD — FCTOD7 20,563,82
eye-rbt 100 mg MOD — FCTOD7 20,563,82
eye-rbt 100 mg/45 ms MLD — FCTOD7 20,563,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:580 mg/kg — GISAAA 35(8),28,70
* ihl-rat LCLo:250 mg/m3 — GISAAA 35(8),28,70
* orl-mus LD50:530 mg/kg — GTPZAB 25(8),50,81
ipr-mus LD50:692 mg/kg — JMCMAR 17,900,74
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

p-PHENETIDINE, N-ACETYL- see: AM4375000

SI6650000 m-PHENETIDINE ANTIMONYL TARTRATE
UPDT:7901 CAS: 63957-36-8
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:16 mg(Sb)/kg — AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

SI6825000 o-PHENETIDINE ANTIMONYL TARTRATE
UPDT:7901 CAS: 49770-83-4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:21 mg(Sb)/kg — AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

SI7000000 p-PHENETIDINE ANTIMONYL TARTRATE
UPDT:7908 CAS: 6273-75-2 MW: 442.06 MOLFM: C12-H16-N-O8-Sb H2-O
SYN: p-PHENETIDINANTIMONYLTARTRAT (German)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:25 mg(Sb)/kg — AJTMAQ 25,263,45
ivn-mus LDLo:80 mg/kg — HBAMAK 4,1289,35
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

SI7011000 p-PHENETIDINE, N,N-BIS(2-CHLOROETHYL)-
UPDT:8311 CAS: 64977-10-2 MW: 262.20 MOLFM: C12-H17-Cl2-N-O
SYN: p-N,N-BIS(2-CHLOROETHYL)AMINOPHENOL ETHYL ETHER * N,N-BIS(2-CHLOROETHYL)-p-PHENETIDINE
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:430 mg/kg — JPMSAE 71,561,82

SI7025000 p-PHENETIDINE, CYANOETHYL-
UPDT:8303 CAS: 72060-06-1 MW: 170.26 MOLFM: C10-H14-N2-O
SYN: CYANOETHYL-p-PHENETIDINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4600 mg/kg — FATOAO 35,367,72

o-PHENETIDINE (DOT) see: SI6465300
p-PHENETIDINE (DOT) see: SI6465500
PHENETIDINE HYDROCHLORIDE see: SI7051000

SI7051000 p-PHENETIDINE, HYDROCHLORIDE
UPDT:8411 CAS: 637-56-9 MW: 173.66 MOLFM: C8-H11-N-O Cl-H
SYN: p-AMINOPHENYL ETHYL ETHER HYDROCHLORIDE * BENZENAMINE, 4-ETHOXY-, HYDROCHLORIDE (9CI) * 4-ETHOXYANILINE HYDROCHLORIDE * 4-ETHOXYBENZENAMINE HYDROCHLORIDE * PHENETIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2080 mg/kg — GISAAA 35(8),28,70
* orl-mus LD50:1180 mg/kg — GTPZAB 25(9),50,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

N-(2-((p-PHENETIDINO)SULFONYL)ETHYL)NICOTINAMIDE see: QS4483700
N-(2-((p-PHENETIDINO)SULFONYL)ETHYL)NICOTINAMIDE HYDROCHLORIDE see: QS4483750
p-PHENETOLCARBAMID (German) see: YT2275000
PHENETOLCARBAMIDE see: YT2275000
p-PHENETOLCARBAMIDE see: YT2275000
p-PHENETOLECARBAMIDE see: YT2275000

SI7716500 PHENETOLE, beta-(N-(2-CHLOROETHYL)-N-ETHYLAMINO)-2-ISOPROPYL-5-METHYL-, HYDROCHLORIDE
UPDT:8307 CAS: 16793-52-5 MW: 320.34 MOLFM: C16-H26-Cl-N-O Cl-H
SYN: beta-(N-(2-CHLOROETHYL)-N-ETHYLAMINO)-2-ISOPROPYL-5-METHYLPHENETOLE HYDROCHLORIDE * p-CYMENE, 3-(2-(N-(2-CHLOROETHYL)-N-ETHYLAMINO)ETHOXY)-, HYDROCHLORIDE * WV 778
TOXICITY DATA AND REFERENCES:
scu-mus LD50:58 mg/kg — ARZNAD 17,305,67

SI7776000 PHENETOLE, beta-(N,N-DIMETHYLAMINO)-2-ISOPROPYL-5-METHYL-
UPDT:8307 CAS: 91-46-3 MW: 221.38 MOLFM: C14-H23-N-O
SYN: p-CYMENE, 3-(2-(DIMETHYLAMINO)ETHOXY)- * beta-(N,N-DIMETHYLAMINO)-2-ISOPROPYL-5-METHYLPHENETOLE * WV 351
TOXICITY DATA AND REFERENCES:
scu-mus LD50:600 mg/kg — ARZNAD 17,305,67

PHENETOLE, p-NITRO- see: DA0600000

SI7943000 PHENETOLE, p-NITROSO-
UPDT:8405 CAS: 3420-97-1 MW: 151.18 MOLFM: C8-H9-N-O2
SYN: BENZENE, 1-ETHOXY-4-NITROSO- * p-ETHOXYNITROSOBENZENE * p-NITROSOPHENETOLE
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate — MOPMA3 18,117,80
mma-sat 10 ug/plate — MOPMA3 18,117,80
dnd-rat:lvr 30 umol/L — CNREA8 44,1098,84

SI7960000 PHENETOLE, beta-PYRROLIDINYL-o-(o-TOLYLOXY)-, HYDROCHLORIDE
UPDT:8307 CAS: 26327-61-7 MW: 333.89 MOLFM: C19-H23-N-O2 Cl-H
SYN: ETHER, o-(2-PYRROLIDINYLETHOXY)PHENYL o-TOLYL, HYDROCHLORIDE * o-(2-PYRROLIDINYLETHOXY)PHENYL o-TOLYL ETHER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:100 mg/kg — YKKZAJ 89,1417,69

SI7980000 PHENETOLE, TRINITRO-
UPDT:8312 MW: 257.18 MOLFM: C8-H7-N3-O7
SYN: TRINITROPHENETOLE (DOT) * UN 0218 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A — CFRGBR 49,172.102,83

PHENETURIDE see: YU1225000
PHENETURIDE and DIPHENYLHYDANTOIN (2:1) see: MU1420000
PHENETURIDE and METHOIN (1:3) see: YU1230000
PHENETURIDE and PHENYTOIN (2:1) see: MU1420000
p-PHENETYLUREA see: YT2275000
PHENFORMIN see: DU2100000
PHENFORMINE see: DU2100000
PHENFORMIN HCl No. 9113 see: DU2200000
PHENFORMIN, HYDROCHLORIDE see: DU2200000
PHENFORMIX see: DU2100000
PHENGLYKODOL see: EK1050000
PHENHYDAN see: MU1400000
PHENHYDREN see: NK6125000
PHENIBUT see: ES7175000
PHENIC ACID see: SJ3325000
PHENICARB see: YU0875000
PHENICARBAZIDE see: FD0575000
PHENICOL see: DO5470000
PHENIDIN see: AM4375000
PHENIDYLATE see: TM3675000
PHENIGAM see: ES7175000
PHENIGAMA see: ES7175000
PHENILONE see: RQ2975000
PHENIN see: AM4375000
PHENINDIONE see: NK6125000
PHENIODOL see: MW5150000
PHENIPRAZINE see: MV7350000
PHENIPRAZINE HYDROCHLORIDE see: MV7400000
PHENIRAMINE MALEATE see: UT0175000
PHENISATIN see: NM3250000
PHENISOBROMOLATE see: DD2100000
PHENISOPROPYLAMINE SULFATE see: SI1750000
(+-)-PHENISOPROPYLAMINE SULFATE see: SI1750000
PHENISTAN see: DO7525000
PHENITOIN see: MU1050000
PHENITOL see: OW8400000
PHENITRON see: UH1854000
PHENITRONE see: UH1854000
PHENITROTHION see: TG0350000
PHENIZINE see: MV7350000
PHENIZINE HYDROCHLORIDE see: MV7400000
PHENKAPTON see: TD5775000
PHENKAPTONE see: TD5775000
PHENLINE see: MV8750000
PHENMAD see: OV6475000
PHENMEDIPHAM see: FD9050000
PHENMEDIPHAM and DESMEDIPHAM (1:1) see: FD9052000
PHENMERZYL NITRATE see: OW8400000
PHENMETRAZINE HYDROCHLORIDE see: QE6650000
PHENOBAL see: CQ6825000
PHENOBAL SODIUM see: CQ7000000
PHENOBARBITAL see: CQ6825000
PHENOBARBITAL and DIPHENYLHYDANTOIN see: MU1180000
PHENOBARBITAL ELIXIR see: CQ7000000
PHENOBARBITAL Na see: CQ7000000
PHENOBARBITAL SODIUM see: CQ7000000
PHENOBARBITAL SODIUM SALT see: CQ7000000
PHENOBARBITONE see: CQ6825000
PHENOBARBITONE and PHENYTOIN see: MU1180000
PHENOBARBITONE and PRIMIDONE see: UV9058450
PHENOBARBITONE SODIUM see: CQ7000000
PHENOBARBITONE SODIUM SALT see: CQ7000000
PHENOBARBITURIC ACID see: CQ6825000
PHENOBARBYL see: CQ6825000
PHENOBENZORON see: CV3680000
PHENOBENZORON see: YS1800000
PHENOBENZURON see: CV3680000
PHENO BLACK EP see: QJ6160000
PHENO BLACK SGN see: QJ6160000
PHENO BLUE 2B see: QJ6400000
PHENOBOLIN see: KG7995000
PHENOBUTIODIL see: ET6750000
PHENOCAINE see: VO1925000

---

* TOXICITY DATA HAVE NOT BEEN EVALUATED.
★ OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COPY AVAILABLE

PHENOCHLOR see: TQ1350000
PHENOCLOR see: TQ1350000
PHENOCLOR DP6 see: TQ1362000
PHENODIANISYL see: MF2000000
PHENODIANISYL HYDROCHLORIDE see: MF2000000
PHENODIOXIN see: HP3090000
PHENODYN see: MV8750000
PHENODYNE see: MV8750000
PHENODYNE see: AM4375000
PHENO FAST SCARLET 4B see: QJ6476000
PHENO FAST YELLOW 95 see: GD0197800
PHENOFORMINE HYDROCHLORIDE see: DU2200000
PHENOHEP see: KI4025000

SJ3325000 PHENOL
UPDT:8412 CAS: 108-95-2 MW: 94.12 MOLFM: C6-H6-O
SYN: ACIDE CARBOLIQUE (French) * BAKER'S P AND S LIQUID AND OINTMENT * CARBOLIC ACID * CARBOLIC ACID (DOT) * CARBOLIC ACID, liquid (liquid tar acid containing over 50% PHENOL) (DOT) * CARBOLSAURE (German) * FENOL (Dutch, Polish) * FENOLO (Italian) * HYDROXYBENZENE * MONOHYDROXYBENZENE * NA 2821 (DOT) * NCI-C50124 * OXYBENZENE * PHENIC ACID * PHENOL (DOT) * PHENOL, molten (DOT) * PHENOLE (German) * PHENOL, liquid or solution (liquid tar acid containing over 50% PHENOL) (DOT) * PHENYL HYDRATE * PHENYL HYDROXIDE * PHENYLIC ACID * PHENYLIC ALCOHOL * RCRA WASTE NUMBER U188 * UN 1671 (DOT) * UN 2312 (DOT) * UN 2821 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV — BIOFX* 27-4/73
skn-rbt 535 mg open SEV — UCDS** 1/6/66
skn-rbt 100 mg MLD — KSGZA3 33,518,80
eye-rbt 5 mg SEV — UCDS** 1/6/66
MUTATION DATA AND REFERENCES:
mmo-sat 400 uL/plate — BECTA6 24,590,80
mmo-sat 40 umol/plate — MUREAV 90,91,81
sln-dmg:ovr 100 ppm — NATUAS 157,162,46
dni-hmn:fbr 10 mmol/L — CNREA8 35,1392,75
dni-hmn:hla 1 mmol/L — SAIGBL 16,453,74
sce-hmn:lym 200 umol/L — CNREA8 40,1189,80
dni-mus-orl 20 gm/kg — ARGEAR 51,605,81
dnd-mam:lym 250 mmol/L — PNASA6 48,686,62
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:300 mg/kg (6-15D preg) — NTIS** PB83-247726
1T34 orl-rat TDLo:1200 mg/kg (6-15D preg) — NTIS** PB83-247726
1T34 ipr-rat TDLo:600 mg/kg (12-14D preg) — TXAPA9 19,373,71
TUMORIGENIC DATA AND REFERENCES:
2V01R60 skn-mus TDLo:16 gm/kg/40W-I — CNREA8 19,413,59
2V02R60 skn-mus TD :4000 mg/kg/24W-I — CNREA8 19,413,59
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:140 mg/kg — 29ZWAE -,329,68
* orl-rat LD50:384 mg/kg — GTPPAF 8,145,72
* ihl-rat LC50:316 mg/m3 — GISAAA 41(6),103,76
skn-rat LD50:669 mg/kg — BJIMAG 27,155,70
ipr-rat LD50:250 mg/kg — BJPCAL 13,20,58
scu-rat LDLo:650 mg/kg — HBAMAK 4,1319,35
* orl-mus LD50:282 mg/kg — SHGKA3 75,934,75
* ihl-mus LC50:177 mg/m3 — GISAAA 41(6),103,76
ipr-mus LD50:360 mg/kg — AFREAW 3,197,51
scu-mus LD50:344 mg/kg — INHEAO 5,143,67
ivn-mus LD50:112 mg/kg — QJPPAL 12,212,39
orl-dog LDLo:500 mg/kg — HBAMAK 4,1319,35
par-dog LDLo:2000 mg/kg — RMSRA6 15,561,1895
orl-cat LDLo:80 mg/kg — HBAMAK 4,1319,35
scu-cat LDLo:80 mg/kg — JPETAB 80,233,44
par-cat LDLo:500 mg/kg — RMSRA6 15,561,1895
orl-rbt LDLo:420 mg/kg — JPETAB 80,233,44
2R10U01 skn-rbt LD50:850 mg/kg — AIHAAP 37,596,76
ipr-rbt LDLo:620 mg/kg — JPETAB 80,233,44
scu-rbt LDLo:620 mg/kg — JPETAB 80,233,44
ivn-rbt LDLo:180 mg/kg — JPETAB 80,233,44
par-rbt LDLo:300 mg/kg — RMSRA6 15,561,1895
ipr-gpg LDLo:300 mg/kg — HBTXAC 1,228,55
scu-gpg LDLo:450 mg/kg — HBTXAC 1,228,55
scu-frg LDLo:75 mg/kg — HBAMAK 4,1319,35
par-frg LDLo:290 mg/kg — AEPPAE 166,437,32
scu-frg LDLo:290 mg/kg — HBTXAC 1,228,55
* ihl-mam LC50:74 mg/m3 — GTPZAB 19(8),37,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CMTVAS 10(3),49,73; JIHTAB 31,146,49; MUREAV 47(2),75,78; FNSCA6 2,67,73; ZKKOBW 78,99,72
★ TLV-TWA 5 ppm; STEL 10 ppm (skin) — DTLVS* 4,328,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 ppm (skin) (SCP-L) — FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82
★ DOT-HAZARD:POISON B; LABEL:POISON, liquid — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO PHENOL recm std-air:TWA 20 mg/m3;CL 60 mg/m3/15M — NTIS**
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-203,80)
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 330
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 3502
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENOL, p-ACETAMIDO- see: AE4200000
PHENOL, 4-((4-(ACETYLOXY)PHENYL)CYCLOHEXYLIDENEMETHYL)-, ACETATE see: GO7550000

SJ3665000 PHENOL, 4-((4-(ACETYLOXY)PHENYL)(3,4-DIHYDRO-1(2H)-NAPHTHALENYLIDENE)METHYL)-, ACETATE
UPDT:8402 CAS: 36415-57-3 MW: 412.51 MOLFM: C27-H24-O4
SYN: 4-((4-(ACETYLOXY)PHENYL)(3,4-DIHYDRO-1(2H)-NAPHTHALENYLIDENE)METHYL)PHENOL ACETATE * BIS(p-ACETOXYPHENYL)-1,2,3,4-TETRAHYDRO-1-NAPHTHYLIDENE-METHANE * F-6278
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:200 ug/kg (3D preg) — CCPTAY 5,473,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENOL, 4-((4-(ACETYLOXY)PHENYL)(2-METHYLCYCLOHEXYLIDENE)METHYL)-, ACETATE see: GP1339000

SJ3680000 PHENOL, 4-((4-(ACETYLOXY)PHENYL)(2-METHYL-4-METHYLENECYCLOHEXYLIDENE)METHYL)-, ACETATE
UPDT:8402 CAS: 36415-56-2 MW: 390.51 MOLFM: C25-H26-O4
SYN: 4-((4-(ACETYLOXY)PHENYL)(2-METHYL-4-METHYLENECYCLOHEXYLIDENE)METHYL)PHENOL ACETATE * BIS(p-ACETOXYPHENYL)-2-METHYL-4-METHYLIDENE-CYCLOHEXYLIDENE-METHANE * F-6225
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:200 ug/kg (3D preg) — CCPTAY 5,473,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SJ3710000 PHENOL, o-(9-ACRIDINYLAMINO)-
UPDT:8312 CAS: 75776-02-2 MW: 286.35 MOLFM: C19-H14-N2-O
SYN: o-(9-ACRIDINYLAMINO)PHENOL
MUTATION DATA AND REFERENCES:
dnd-mam:lym 39 umol/L — JMCMAR 24,170,81

SJ3850000 PHENOL, o-ALLYL-
UPDT:8401 CAS: 1745-81-9 MW: 134.19 MOLFM: C9-H10-O
SYN: 2-ALLYLPHENOL
TUMORIGENIC DATA AND REFERENCES:
2V01R60 skn-mus TDLo:8400 mg/kg/30W-I — CNREA8 19,413,59
2V02R60 skn-mus TD :3360 mg/kg/12W-I — CNREA8 19,413,59
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:256 mg/kg — CBCCT* 3,127,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SJ4375000 PHENOL, 4-ALLYL-2-METHOXY-
UPDT:8412 CAS: 97-53-0 MW: 164.22 MOLFM: C10-H12-O2
SYN: 4-ALLYLGUAIACOL * 4-ALLYL-1-HYDROXY-2-METHOXYBENZENE * 4-ALLYL-2-METHOXYPHENOL * CARYOPHYLLIC ACID * EUGENIC ACID * EUGENOL * 1-HYDROXY-2-METHOXY-4-ALLYLBENZENE * 1-HYDROXY-2-METHOXY-4-PROP-2-ENYLBENZENE * 2-METHOXY-4-PROP-2-ENYLPHENOL * 2-METHOXY-4-(2-PROPENYL)PHENOL * NCI-C50453 * SYNTHETIC EUGENOL
IRRITATION DATA AND REFERENCES:
skn-hmn 40 mg/48H MLD — FCTXAV 13,545,75
MUTATION DATA AND REFERENCES:
mmo-sat 400 uL/plate — BECTA6 24,590,80
mmo-sat 50 ug/plate — NTIS** AD-A116-715
oms-ham:ovr 400 mg/L — CALEDQ 14,251,81
cyt-ham:ovr 400 mg/L — CALEDQ 14,251,81
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-mus TDLo:37080 mg/kg/2Y-I — NTPTR* NTP-TR-223,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2680 mg/kg — TXAPA9 7,18,65
ipr-rat LDLo:800 mg/kg — RMSRA6 16,449,1896
scu-rat LDLo:5000 mg/kg — RMSRA6 16,449,1896
1F07 orl-mus LD50:3000 mg/kg — FCTXAV 2,327,64
ipr-mus LD50:500 mg/kg — COREAF 250,1148,60
1F07 orl-gpg LD50:2130 mg/kg — FCTXAV 2,327,64
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FCTXAV 13,545,75
STATUS:
★ NTP CARCINOGENESIS STUDY COMPLETED;RESULTS INDEFINITE:MOUSE (NTP TR* NTP-TR-223,83)
★ NTP CARCINOGENESIS STUDY COMPLETED;RESULTS NEGATIVE:RAT (NTPTR* NTP-TR-223,83)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SJ4550000 PHENOL, 4-ALLYL-2-METHOXY-, ACETATE
UPDT:8305 CAS: 93-28-7 MW: 206.26 MOLFM: C12-H14-O3
SYN: ACETEUGENOL * 1-ACETOXY-2-METHOXY-4-ALLYLBENZENE * ACETYLEUGENOL * 4-ALLYL-2-METHOXYPHENOL ACETATE * 4-ALLYL-2-METHOXYPHENYL ACETATE * 1,3,4-EUGENOL ACETATE * EUGENOL ACETATE * EUGENYL ACETATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD — FCTXAV 12,877,74
TOXICITY DATA AND REFERENCES:
2F07R21 orl-rat LD50:1670 mg/kg — FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SJ4551000 PHENOL, 4-ALLYL-2-METHOXY-, FORMATE (ester)
UPDT:8305 CAS: 10031-96-6 MW: 192.23 MOLFM: C11-H12-O3
SYN: 4-ALLYL-2-METHOXYPHENOL FORMATE * EUGENOL FORMATE * EUGENYL FORMATE * 4-(2-PROPENYL)-2-METHOXYPHENYL FORMATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD — FCTOD7 20(Suppl),689,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3400 mg/kg — FCTOD7 20(Suppl),689,82

SJ4580000 PHENOL, p-(7-(ALLYLOXY)-11-ETHYLDIBENZO(b,f)THIEPIN-10-YL)-
UPDT:8401 CAS: 85850-86-8 MW: 386.53 MOLFM: C25-H22-O2-S
SYN: p-(7-(ALLYLOXY)-11-ETHYLDIBENZO(b,f)THIEPIN-10-YL)PHENOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:5 mg/kg (4D preg) — JMCMAR 26,1131,83
1T13 orl-rat TDLo:30 mg/kg (3D pre) — JMCMAR 26,1131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SJ4581000 PHENOL, p-(3-(ALLYLOXY)-11-ETHYL-6H-DIBENZO(b,f)THIOCIN-12-YL)-, HEMIHYDRATE
UPDT:8401 CAS: 85850-88-0 MW: 409.54 MOLFM: C26-H24-O2-S 1/2H2-O
SYN: p-(3-(ALLYLOXY)-11-ETHYL-6H-DIBENZO(b,f)THIOCIN-12-YL)PHENOL HEMIHYDRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:25 mg/kg (4D preg) — JMCMAR 26,1131,83
1T13 orl-rat TDLo:15 mg/kg (3D pre) — JMCMAR 26,1131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SJ4582000 PHENOL, p-(7-(ALLYLOXY)-11-ETHYLDIBENZ(b,f)OXEPIN-10-YL)-
UPDT:8401 CAS: 85850-85-7 MW: 370.47 MOLFM: C25-H22-O3
SYN: p-(7-(ALLYLOXY)-11-ETHYLDIBENZ(b,f)OXEPIN-10-YL)PHENOL * 3-(ALLYLOXY)-10-ETHYL-11-(4-HYDROXYPHENYL)DIBENZO(b,f)OXEPIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-rat TDLo:75 mg/kg (3D pre) — JMCMAR 26,1131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SJ4583000 PHENOL, p-(2-(ALLYLOXY)-6-ETHYL-11,12-DIHYDRODIBENZO(a,e)CYCLOOCTEN-5-YL)-
UPDT:8401 CAS: 85850-87-9 MW: 382.53 MOLFM: C27-H26-O2
SYN: p-(2-(ALLYLOXY)-6-ETHYL-11,12-DIHYDRODIBENZO(a,e)CYCLOOCTEN-5-YL)PHENOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-rat TDLo:30 mg/kg (3D pre) — JMCMAR 26,1131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SJ4900000 PHENOL, m-AMINO-
UPDT:8412 CAS: 591-27-5 MW: 109.14 MOLFM: C6-H7-N-O
SYN: m-AMINOFENOL (Czech) * 3-AMINO-1-HYDROXYBENZENE * m-AMINOPHENOL * 3-AMINOPHENOL * m-AMINOPHENOL (DOT) * BASF URSOL EG * C.I. 76545 * C.I. OXIDATION BASE 7 * FOURAMINE EG * FOURRINE 65 * FOURRINE EG * FURRO EG * FUTRAMINE EG * 3-HYDROXYANILINE * NAKO TEG * PELAGOL EG * RENAL EG * TERTRAL EG * UN 2512 (DOT) * URSOL EG * ZOBA EG
IRRITATION DATA AND REFERENCES:
skn-rbt 12500 ug/24H MLD — FCTXAV 15,607,77
eye-rbt 100 mg/24H SEV — 28ZPAK -,109,72

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T24T25T35 unk-rat TDLo:1245 mg/kg (1-20D preg) GISAAA 48(9),19,83

2T31T34 unk-rat TDLo:1245 mg/kg (1-20D preg) GISAAA 48(9),19,83

TOXICITY DATA AND REFERENCES:

3F07F19R21 orl-rat LD50:1 gm/kg FCTXAV 15,607,77

ipr-rat LDLo:1 gm/kg AIPTAK 131,151,61

2F13F23 orl-mus LD50:420 mg/kg GTPZAB 15(8),53,71

ipr-mus LD50:150 mg/kg NTIS** AD691-490

scu-cat LDLo:70 mg/kg AEXPBL 72,241,13

* unk-mam LD50:1245 mg/kg GISAAA 48(9),19,83

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SJ4950000 PHENOL, o-AMINO-

UPDT:8406 CAS: 95-55-6 MW: 109.14 MOLFM: C6-H7-N-O

SYN: 2-AMINO-1-HYDROXYBENZENE * o-AMINOPHENOL * 2-AMINOPHENOL * o-AMINOPHENOL (DOT) * BASF URSOL 3GA * BENZOFUR GG * C.I. 76520 * C.I. OXIDATION BASE 17 * FOURAMINE OP * o-HYDROXYANILINE * 2-HYDROXYANALINE * NAKO YELLOW 3GA * PARADONE OLIVE GREEN B * PELAGOL 3GA * PELAGOL GREY GG * UN 2512 (DOT) * ZOBA 3GA

IRRITATION DATA AND REFERENCES:

eye-rbt 100 mg MLD FCTOD7 20,573,82

MUTATION DATA AND REFERENCES:

mmo-sat 333 ug/plate ENMUDM 5(Suppl 1),3,83

mmo-sat 100 ug/plate ENMUDM 5(Suppl 1),3,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T25T41T42 ipr-ham TDLo:150 mg/kg (8D preg) TXAPA9 63,264,82

2T45T46 ipr-ham TDLo:150 mg/kg (8D preg) TXAPA9 63,264,82

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1300 mg/kg RPTOAN 34,307,71

ipr-rat LDLo:300 mg/kg AIPTAK 131,151,61

* orl-mus LD50:1250 mg/kg GTPZAB 25(8),50,81

ipr-mus LD50:200 mg/kg NTIS** AD691-490

scu-cat LDLo:37 mg/kg AEXPBL 72,241,13

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SJ5075000 PHENOL, p-AMINO-

UPDT:8412 CAS: 123-30-8 MW: 109.14 MOLFM: C6-H7-N-O

SYN: ACTIVOL * p-AMINOFENOL (Czech) * 4-AMINO-1-HYDROXYBENZENE * p-AMINOPHENOL * 4-AMINOPHENOL * p-AMINOPHENOL (DOT) * AZOL * BASF URSOL P BASE * BENZOFUR P * CERTINAL * C.I. OXIDATION BASE 6A * CITOL * DURAFUR BROWN RB * FOURAMINE P * FOURRINE 84 * FOURRINE P BASE * FURRO P BASE * p-HYDROXYANILINE * 4-HYDROXYANILINE * NAKO BROWN R * PAP * PARANOL * PELAGOL GREY P BASE * PELAGOL P BASE * RENAL AC * RODINAL * TERTRAL P BASE * UNAL * UN 2512 (DOT) * URSOL P * URSOL P BASE * ZOBA BROWN P BASE

IRRITATION DATA AND REFERENCES:

skn-rbt 12500 ug/24H MLD FCTXAV 15,607,77

eye-rbt 100 mg MLD BIOFX* 29-4/73

MUTATION DATA AND REFERENCES:

mmo-sat 2 umol/plate 45OHAA -,170,80

mnt-mus-ipr 218 mg/kg 45OHAA -,170,80

mmo-mus:lym 4600 ug/L MUREAV 97,49,82

cyt-mus-ipr 100 umol/kg IJMRAQ 59,1442,71

msc-mus:lym 4 mg/L MUREAV 125,291,84

spm-mus-ipr 500 mg/kg/5D MUREAV 69,149,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35 unk-rat TDLo:563 mg/kg (1-20D preg) GISAAA 48(9),19,83

3T41T42T46 ipr-ham TDLo:150 mg/kg (8D preg) TXAPA9 63,264,82

2T25T45 ipr-ham TDLo:200 mg/kg (8D preg) TXAPA9 63,264,82

3T41T42T46 ivn-ham TDLo:100 mg/kg (8D preg) TXAPA9 63,264,82

2T25T45 ivn-ham TDLo:150 mg/kg (8D preg) TXAPA9 63,264,82

TOXICITY DATA AND REFERENCES:

orl-rat LD50:375 mg/kg BIOFX* 29-4/73

orl-mus LD50:420 mg/kg GISAAA 35(9),28,70

scu-mus LDLo:470 mg/kg AEPPAE 188,130,38

scu-cat LDLo:37 mg/kg AEXPBL 72,241,13

scu-gpg LDLo:1500 mg/kg AEXPBL 35,401,1895

* orl-mam LD50:1530 mg/kg GISAAA 45(10),16,80

* skn-mam LD50:6400 mg/kg GISAAA 45(10),16,80

* unk-mam LD50:563 mg/kg GISAAA 48(9),19,83

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SJ5425000 PHENOL, 2-AMINO-4-ARSENOSO-

UPDT:8307 CAS: 306-12-7 MW: 199.05 MOLFM: C6-H6-As-N-O2

SYN: 2-AMINO-4-ARSENOSOPHENOL * (3-AMINO-4-HYDROXYPHENYL)ARSENOUS ACID * OXOPHENARSINE * PHENARSEN

TOXICITY DATA AND REFERENCES:

* ivn-mus LDLo:40 mg/kg CPBTAL 2,19,54

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

SJ5600000 PHENOL, 2-AMINO-4-ARSENOSO-, HYDROCHLORIDE

UPDT:8305 CAS: 538-03-4 MW: 235.51 MOLFM: C6-H6-As-N-O2.Cl-H

SYN: 2-AMINO-4-ARSENOSOPHENOL HYDROCHLORIDE * 3-AMINO-4-HYDROXY-PHENARSINE HYDROCHLORIDE * 3-AMINO-4-HYDROXYPHENYLARSINE OXIDE HYDROCHLORIDE * 3-AMINO-4-HYDROXYPHENYL ARSINOXIDE HYDROCHLORIDE * ARSENO 39 * ARSENOSAN * ARSENOXIDE * ARSPHENOXIDE * EHRLICH 5 * FONTARSAN * MAPHARSAL * MAPHARSEN * MAPHARSIDE * OXIARSOLAN * OXOPHENARSINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3A04F12F24 ivn-hmn TDLo:400 ug/kg AJSGA3 28,218,44

orl-rat LDLo:500 mg/kg NCNSA6 5,12,53

* ivn-rat LD50:21 mg/kg AIPTAK 106,307,56

orl-mus LD50:110 ug/kg CLDND*

* ivn-mus LD50:180 mg/kg CSLNX* NX#03328

ivn-dog LDLo:12 mg/kg JPETAB 50,198,34

ivn-cat LDLo:7 mg/kg JPETAB 50,198,34

* ipr-rbt LD50:13 mg/kg 85ESA3 9,900,76

ivn-rbt LDLo:8 mg/kg JPETAB 50,198,34

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SJ5650000 PHENOL, 2-AMINO-4-ARSENOSO-, SODIUM SALT

UPDT:7901 CAS: 63951-03-1 MW: 221.03 MOLFM: C6-H5-As-N-O2.Na

TOXICITY DATA AND REFERENCES:

ivn-rat LDLo:27 mg/kg JPETAB 50,198,34

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

SJ5700000 PHENOL, 2-AMINO-4-CHLORO-

UPDT:8312 CAS: 95-85-2 MW: 143.58 MOLFM: C6-H6-Cl-N-O

SYN: 2-AMINO-4-CHLOROPHENOL (DOT) * p-CHLORO-o-AMINOPHENOL * UN 2673 (DOT)

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:690 mg/kg GTPZAB 25(8),50,81

* orl-mus LD50:1030 mg/kg GTPZAB 25(8),50,81

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SJ5710000 PHENOL, 4-AMINO-3-CHLORO-

UPDT:8412 CAS: 17609-80-2 MW: 143.58 MOLFM: C6-H6-Cl-N-O

TOXICITY DATA AND REFERENCES:

* unk-mam LD50:6683 mg/kg GISAAA 48(6),22,83

SJ5730000 PHENOL, 2-AMINO-4-CHLORO-6-ETHYL-

UPDT:8403 CAS: 53347-04-9 MW: 171.64 MOLFM: C8-H10-Cl-N-O

SYN: 2-AMINO-4-CHLORO-6-ETHYLPHENOL

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1250 mg/kg PHARAT 30,147,75

SJ5773000 PHENOL, 2-AMINO-4,6-DIBROMO-, HYDROCHLORIDE

UPDT:8303 MW: 303.40 MOLFM: C6-H5-Br2-N-O.Cl-H

SYN: 2-AMINO-4,6-DIBROMOPHENOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:200 mg/kg CPBTAL 10,528,62

SJ5775000 PHENOL, 2-AMINO-4-(DICHLOROARSINO)-, HYDROCHLORIDE

UPDT:8405 CAS: 536-29-0 MW: 290.41 MOLFM: C6-H6-As-Cl2-N-O.Cl-H

SYN: 2-AMINO-4-DICHLOROARSINOPHENOL HYDROCHLORIDE * (3-AMINO-4-HYDROXYPHENYL)ARSONOUS DICHLORIDE MONOHYDROCHLORIDE * 3-AMINO-4-HYDROXYPHENYL DICHLORARSINE HYDROCHLORIDE * ARSECLOR * ARSINE, (3-AMINO-4-HYDROXYPHENYL)DICHLORO-, HYDROCHLORIDE * CHLORARSOL * CHLORASEN * CLORARSEN * DICHLOROMAPHARSEN * DICHLOROPHENARSINE HYDROCHLORIDE * FILARSEN * FONTARSOL * MALARSOL * R.P. 2591

TOXICITY DATA AND REFERENCES:

2K12K13 par-hmn TDLo:957 ug/kg JPETAB 73,412,41

orl-rat LDLo:500 mg/kg NCNSA6 5,12,53

* ivn-rat LD50:24500 ug/kg AMIUAG 8,196,54

* ipr-mus LD50:41 mg/kg PSEBAA 78,392,51

unk-mus LD50:44 mg/kg CNREA8 9,626,49

ivn-rbt LDLo:15 mg/kg JPETAB 73,412,41

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENOL, 4-(2-AMINOETHYL)-, HYDROCHLORIDE (9CI) see: SJ6050000

SJ6050000 PHENOL, p-(2-AMINOETHYL)-, MONOCHLORIDE

UPDT:8406 CAS: 60-19-5 MW: 173.65 MOLFM: C8-H11-N-O.Cl

SYN: PHENOL, 4-(2-AMINOETHYL)-, HYDROCHLORIDE (9CI) * p-TYRAMINE HYDROCHLORIDE * TYRAMINE MONOCHLORIDE

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:710 mg/kg TXAPA9 28,227,74

3F12J22J30 ivn-mus LD50:208 mg/kg EJPHAZ 9,289,70

3D16F11F12 scu-gpg LDLo:1044 mg/kg JPETAB 47,339,33

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SJ6060000 PHENOL, 2-AMINO-6-ETHYL-4-NITRO-

UPDT:8403 CAS: 53347-11-8 MW: 182.20 MOLFM: C8-H10-N2-O3

SYN: 2-AMINO-6-ETHYL-4-NITROPHENOL * 4-NITRO-2-AMINO-6-AETHYLPHENOL (German)

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1200 mg/kg PHARAT 30,147,75

SJ6090000 PHENOL, 5-AMINO-2-METHYL-

UPDT:8305 CAS: 2835-95-2 MW: 123.17 MOLFM: C7-H9-N-O

SYN: 4-AMINO-2-HYDROXYTOLUENE * 5-AMINO-2-METHYLPHENOL

TOXICITY DATA AND REFERENCES:

3F07F19R21 orl-rat LD50:3600 mg/kg FCTXAV 15,607,77

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

SJ6300000 PHENOL, 2-AMINO-4-NITRO-

UPDT:8412 CAS: 99-57-0 MW: 154.14 MOLFM: C6-H6-N2-O3

SYN: 3-AMINO-4-HYDROXYNITROBENZENE * 2-AMINO-4-NITROPHENOL * 2-HYDROXY-5-NITROANILINE * NCI-C55958 * p-NITROAMINOFENOL (Polish) * 4-NITRO-2-AMINOFENOL (Czech) * p-NITRO-o-AMINOPHENOL

MUTATION DATA AND REFERENCES:

mmo-sat 20 ug/plate CMMUAO 8,151,83

mmo-sat 100 ug/plate PNASA6 72,2423,75

pic-esc 100 mmol/L MDMIAZ 31,11,79

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1660 mg/kg GTPZAB 25(8),50,81

ipr-rat LD50:246 mg/kg JTEHD6 2,657,77

* orl-mus LD50:850 mg/kg GTPZAB 25(8),50,81

STATUS:

NTP CARCINOGENESIS STUDIES, ON TEST, OCTOBER 1984

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

SJ6302500 PHENOL, 2-AMINO-5-NITRO-

UPDT:8412 CAS: 121-88-0 MW: 154.14 MOLFM: C6-H6-N2-O3

SYN: 2-AMINO-5-NITROPHENOL * NCI-C55970

MUTATION DATA AND REFERENCES:

mmo-sat 20 ug/plate PNASA6 72,2423,75

mmo-sat 1 umol/plate MUREAV 58,11,78

cyt-ham:lng 1 mg/L ARTODN (Suppl 4),41,80

STATUS:

NTP CARCINOGENESIS STUDIES, ON TEST, OCTOBER 1984

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

SJ6303000 PHENOL, 4-AMINO-2-NITRO-

UPDT:8412 CAS: 119-34-6 MW: 154.14 MOLFM: C6-H6-N2-O3

SYN: 4-AMINO-2-NITROPHENOL * C.I. 76555 * FOURRINE 57 * FOURRINE BROWN PR * FOURRINE BROWN PROPYL * 4-HYDROXY-3-NITROANILINE * NCI-C03963 * o-NITRO-p-AMINOPHENOL * 2-NITRO-4-AMINOPHENOL * OXIDATION BASE 25

IRRITATION DATA AND REFERENCES:

eye-rbt 100 mg/24H SEV 28ZPAK -,107,72

MUTATION DATA AND REFERENCES:

mmo-sat 333 ug/plate IAPUDO 27,283,80

mmo-sat 100 ug/plate IAPUDO 27,283,80

otr-rat:emb 11 ug/plate JJATDK 1,190,81

TUMORIGENIC DATA AND REFERENCES:

2V01M60 orl-rat TDLo:108 gm/kg/2Y-C NCITR* NCI-CG-TR-94,78

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1470 mg/kg NCILB* NCI-E-C-72-3252
ipr-rat LD50:302 mg/kg JTEHD6 2,657,77
orl-mus LD50:1470 mg/kg NCILB* NCI-E-C-72-3252
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 16,43,78
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NCITR* NCI-CG-TR-94,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-94,78)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SJ6310000 PHENOL, m-AMINO-, OXO(TARTRATO)ANTIMONATE(1-)-
UPDT:8209 CAS: 63957-37-9 MW: 395.98 MOLFM: C6-H8-N-O C4-H4-O7-Sb
SYN: m-AMINOPHENOL ANTIMONYL TARTRATE
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:55 mg/kg AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**

SJ63[illegible]00 PHENOL, o-AMINO-, OXO(TARTRATO)ANTIMONATE(1-)-
UPDT:8209 CAS: 63957-38-0 MW: 395.98 MOLFM: C6-H8-N-O C4-H4-O7-Sb
SYN: o-AMINOPHENOL ANTIMONYL TARTRATE
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:63 mg/kg AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**

SJ6330000 PHENOL, p-AMINO-, OXO(TARTRATO)ANTIMONATE(1-)-
UPDT:8209 CAS: 63957-39-1 MW: 395.98 MOLFM: C6-H8-N-O C4-H4-O7-Sb
SYN: p-AMINOPHENOL ANTIMONYL TARTRATE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:50 mg/kg AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**

PHENOL, 5-((AMINOOXY)METHYL)-2-BROMO- (9CI) see: GO6833000

SJ6375000 PHENOL, 2-AMINO-4-(PHENYLHYDROXYARSINO)-, HYDROCHLORIDE
UPDT:8209 MW: 313.63 MOLFM: C12-H12-As-N-O2 Cl-H
SYN: 2-AMINO-4-(PHENYLHYDROXYARSINO)PHENOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
• ivn-mus LDLo:20 mg/kg CPBTAL 2,19,54
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

SJ6660000 PHENOL, p-(2-AMINOPROPYL)-, HYDROCHLORIDE, (+-)-
UPDT:8406 MW: 187.69 MOLFM: C9-H13-N-O Cl-H
SYN: (+-)-p-(2-AMINOPROPYL)PHENOL HYDROCHLORIDE * beta-4-HYDROXYPHENYLISOPROPYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3D16F11F12 scu-gpg LDLo:150 mg/kg JPETAB 47,339,33

SJ6823000 PHENOL, o-AMINO-, mixed with SODIUM NITRITE (1:1)
UPDT:8307 MW: 178.14 MOLFM: C6-H7-N-O N-Na-O2
SYN: o-AMINOPHENOL mixed with SODIUM NITRITE (1:1) * SODIUM NITRITE mixed with o-AMINOPHENOL
MUTATION DATA AND REFERENCES:
dnr-bcs 10 mmol/L JNSVA5 25,317,79
mmo-bcs 10 mmol/L JNSVA5 25,317,79

SJ6823010 PHENOL, p-AMINO, mixed with SODIUM NITRITE (1:1)
UPDT:8303 MW: 178.14 MOLFM: C6-H7-N-O N-Na-O2
SYN: p-AMINOPHENOL mixed with SODIUM NITRITE * SODIUM NITRITE mixed with p-AMINOPHENOL
MUTATION DATA AND REFERENCES:
dnr-bcs 10 mmol/L JNSVA5 25,317,79

SJ6933000 PHENOL, o-(4-AMINO-m-TOLYLAZO)-
UPDT:8303 MW: 227.29 MOLFM: C13-H13-N3-O
SYN: o-(4-AMINO-m-TOLYLAZO)PHENOL * 2'-HYDROXYMETHYL-3-METHYL-4-AMINOAZOBENZENE
MUTATION DATA AND REFERENCES:
mma-sat 50 nmol/plate CRNGDP 3,1113,82

SJ6950000 PHENOL, p-ANILINO-
UPDT:8411 CAS: 122-37-2 MW: 185.24 MOLFM: C12-H11-N-O
SYN: p-ANILINOPHENOL * 4-ANILINOPHENOL * DIPHENYLAMINE, 4-HYDROXY- * p-HYDROXYDIFENYLAMIN (Czech) * para-HYDROXYDIFENYLAMIN (Czech) * p-HYDROXYDIPHENYLAMINE * 4-HYDROXYDIPHENYLAMINE * p-OXYDIPHENYLAMINE * PHENOL, 4-(PHENYLAMINO)- * PHENYL-p-AMINOPHENOL * N-PHENYL-p-AMINOPHENOL * VTI 1
IRRITATION DATA AND REFERENCES:
eye-rbt 250 ug/24H SEV 28ZPAK -,111,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1220 mg/kg 28ZPAK -,111,72
• orl-mus LD50:2310 mg/kg GTPZAB 13(7),28,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SJ6951000 PHENOL, (((2-ANILINO-5-NITROPHENYL)IMINO)METHYL)-
UPDT:8305 MW: 333.37 MOLFM: C19-H15-N3-O3
SYN: (((2-ANILINO-5-NITROPHENYL)IMINO)METHYL)PHENOL * 4-NITRO-2-(N-OXYBENZYLIDENAMINO)DIPHENYLAMINE
MUTATION DATA AND REFERENCES:
mmo-bcs 10 mmol/L FAVUAI 6,118,74

SJ6952000 PHENOL, 2-(((2-ANILINO-5-NITROPHENYL)IMINO)METHYL)-
UPDT:8305 MW: 333.37 MOLFM: C19-H15-N3-O3
SYN: o-(((2-ANILINO-5-NITROPHENYL)IMINO)METHYL)PHENOL * 4-NITRO-2-(2'-OXYBENZYLIDENAMINO)DIPHENYLAMINE
MUTATION DATA AND REFERENCES:
mmo-bcs 10 mmol/L FAVUAI 6,118,74

SJ6953000 PHENOL, 2-(((2-ANILINO-5-NITROPHENYL)IMINO)METHYL)-4-CHLORO-
UPDT:8307 MW: 366.80 MOLFM: C19-H13-Cl-N3-O3
SYN: 2-(((2-ANILINO-5-NITROPHENYL)IMINO)METHYL)-4-CHLOROPHENOL * 4-NITRO-2-(5-CHLOROSALICYLIDENAMINO)DIPHENYLAMINE
MUTATION DATA AND REFERENCES:
mmo-bcs 10 mmol/L FAVUAI 6,118,74

SJ6954000 PHENOL, 2-(((2-ANILINO-5-NITROPHENYL)IMINO)METHYL)-6-METHOXY-
UPDT:8303 MW: 362.39 MOLFM: C20-H16-N3-O4
SYN: 2-(((2-ANILINO-5-NITROPHENYL)IMINO)METHYL)-6-METHOXYPHENOL * 4-NITRO-2-(2'-OXY-3-METHOXYBENZYLIDENAMINO)DIPHENYLAMINE
MUTATION DATA AND REFERENCES:
mmo-bcs 10 mmol/L FAVUAI 6,118,74

SJ6955000 PHENOL, 2-(((2-ANILINO-5-NITROPHENYL)IMINO)METHYL)-3-NITRO-
UPDT:8305 MW: 378.37 MOLFM: C19-H14-N4-O5
SYN: o-(((2-ANILINO-5-NITROPHENYL)IMINO)METHYL)-3-NITROPHENOL * 4-NITRO-2-(3-NITROSALICYLIDENAMINO)DIPHENYLAMINE
MUTATION DATA AND REFERENCES:
mmo-bcs 10 mmol/L FAVUAI 6,118,74

PHENOL, 4,4'-ARSENOBIS(2-AMINO- see: SJ7175000

SJ7175000 PHENOL, 4,4'-ARSENOBIS(2-AMINO-, DIHYDROCHLORIDE
UPDT:8405 CAS: 139-93-5 MW: 439.02 MOLFM: C12-H12-As2-N2-O2 2Cl-H
SYN: ARSAMINOL * ARSENPHENOLAMINE HYDROCHLORIDE * ARSPHENAMINE * 3,3'-DIAMINO-4,4'-DIHYDROXYARSENOBENZENE DIHYDROCHLORIDE * 4,4'-(1,2-DIARSENEDIYL)BIS(2-AMINOPHENOL) DIHYDROCHLORIDE * EHRLICH 606 * KHARSIVAN * PHENARSENAMINE * PHENOL, 4,4'-ARSENOBIS(2-AMINO- * SALVARSAN * SANLUOL * SIX HUNDRED SIX
TOXICITY DATA AND REFERENCES:
• ivn-rat LDLo:100 mg/kg MEIEDD 10,118,8[illegible]
ivn-mus LDLo:91 mg/kg HBAMAK 4,1289,35
ivn-cat LDLo:36 mg/kg AEXPBL 72,241,13
ivn-rbt LDLo:125 mg/kg HBAMAK 4,1289,35
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

SJ7180000 PHENOL, p-ARSENOSO-
UPDT:8209 MW: 184.03 MOLFM: C6-H5-As-O2
SYN: p-ARSENOSOPHENOL * 4-HYDROXYPHENYLARSENOUS ACID
TOXICITY DATA AND REFERENCES:
• ivn-mus LDLo:2000 mg/kg CPBTAL 2,19,54
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

SJ7185000 PHENOL, 4-ARSENOSO-2-NITRO-
UPDT:8209 MW: 229.03 MOLFM: C6-H4-As-N-O4
SYN: 4-ARSENOSO-2-NITROPHENOL * 3-NITRO-4-HYDROXYPHENYLARSENOUS ACID
TOXICITY DATA AND REFERENCES:
• ivn-mus LDLo:7500 ug/kg CPBTAL 2,19,54
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

PHENOL-para-ARSONIC ACID see: CY5075000

SJ7320000 PHENOL, 3,3'-AZOBIS(2,4,6-TRINITRO-, dry
UPDT:8308 MW: 484.24 MOLFM: C12-H4-N8-O14
SYN: 2,2',4,4',6,6'-HEXANITRO-3,3'-DIHYDROXYAZOBENZENE, dry (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

PHENOL, 4,4'-(3H-2,1-(2-BENZOXATHIOL-3-YLIDENE)BIS(5-METHYL-2-(1-(METHYLETHYL)-, S,S-DIOXIDE see: XP2575000

SJ7700000 PHENOL, p-(BENZYLOXY)-
UPDT:8403 CAS: 103-16-2 MW: 200.25 MOLFM: C13-H12-O2
SYN: AGERITE * AGERITE ALBA * ALBA-DOME * MONOBENZYL HYDROQUINONE * BENOQUIN * BENZOQUIN * BENZYL HYDROQUINONE * p-BENZYLOXYPHENOL * DEPIGMAN * HYDROQUINONE BENZYL ETHER * HYDROQUINONE MONOBENZYL ETHER * p-HYDROXYPHENYL BENZYL ETHER * MONOBENZONE * MONOBENZYL ETHER HYDROQUINONE * 4-(PHENYLMETHOXY)PHENOL * PIGMEX
IRRITATION DATA AND REFERENCES:
skn-gpg 5%/48H MLD JSCCA5 28,357,77
TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 orl-mus TDLo:163 gm/kg/78W-I NTIS** PB223-159
3V02J60P60 scu-mus TDLo:1000 mg/kg NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
• ipr-rat LD50:4500 mg/kg 85ESA3 9,1076,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SJ7710000 PHENOL, 4-(2-((2-(2-BENZYLPHENOXY)ETHYL)AMINO)ETHYL)-, HYDROCHLORIDE
UPDT:8307 MW: 383.95 MOLFM: C23-H25-N-O2 Cl-H
SYN: 4-(2-((2-(2-BENZYLPHENOXY)ETHYL)AMINO)ETHYL)PHENOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:400 mg/kg JMCMAR 9,804,66

SJ7757000 PHENOL, p-(BIS(2-CHLOROETHYL)AMINO)-
UPDT:8311 CAS: 1204-69-9 MW: 234.14 MOLFM: C10-H13-Cl2-N-O
SYN: p-(BIS(2-CHLOROETHYL)AMINO)PHENOL
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:20 mg/kg JMCMAR 12,491,69
ipr-mus LD50:17500 ug/kg JMCMAR 12,491,69

SJ7758200 PHENOL, p-(BIS(2-CHLOROETHYL)AMINO)-, ACETATE (ester), HEMIHYDRATE
UPDT:8303 MW: 285.17 MOLFM: C12-H15-Cl2-N-O2 1/2H2-O
SYN: p-(BIS(2-CHLOROETHYL)AMINO)PHENOL ACETATE HEMIHYDRATE
TOXICITY DATA AND REFERENCES:
• par-mus LD50:14489 ug/kg JPMSAE 71,772,82

SJ7765200 PHENOL, p-(BIS(2-CHLOROETHYL)AMINO)-, BUTYRATE (ester)
UPDT:8303 MW: 304.24 MOLFM: C14-H19-Cl2-N-O2
SYN: p-(BIS(2-CHLOROETHYL)AMINO)PHENOL BUTYRATE
TOXICITY DATA AND REFERENCES:
1V30 par-mus LD50:25 mg/kg JPMSAE 71,772,82

SJ7768000 PHENOL, p-(BIS(2-CHLOROETHYL)AMINO)-, DECANOATE (ester)
UPDT:8303 MW: 388.42 MOLFM: C20-H31-Cl2-N-O2
SYN: p-N,N-BIS(2-CHLOROETHYL)AMINOPHENOL DECANOATE ESTER
TOXICITY DATA AND REFERENCES:
2K30R21 ipr-mus LD50:19700 ug/kg JPMSAE 70,46,81

SJ7775000 PHENOL, p-(BIS(2-CHLOROETHYL)AMINO)-, HEXANOATE (ester)
UPDT:8303 MW: 332.30 MOLFM: C16-H23-Cl2-N-O2
SYN: p-N,N-BIS(2-CHLOROETHYL)AMINOPHENOL HEXANOATE ESTER
TOXICITY DATA AND REFERENCES:
2K30R21 ipr-mus LD50:17700 ug/kg JPMSAE 70,46,81

SJ7776500 PHENOL, p-(BIS(2-CHLOROETHYL)AMINO)-, LAURATE (ester)
UPDT:8303 MW: 416[illegible] MOLFM: C22-H35-Cl2-N-O2
SYN: p-(BIS(2-CHLOROETHYL)AMINO)PHENOL LAURATE
TOXICITY DATA AND REFERENCES:
1V30 par-mus LDLo:100 mg/kg JPMSAE 71,772,82

SJ7781000 PHENOL, p-(BIS(2-CHLOROETHYL)AMINO)-, p-METHYLBENZOATE
UPDT:8408 CAS: 22953-51-1 MW: 352.28 MOLFM: C18-H19-Cl2-N-O2
SYN: BENZOIC ACID, p-METHYL-, p-(BIS(2-CHLOROETHYL)AMINO)PHENYL ESTER * p-(BIS(2-CHLOROETHYL)AMINO)PHENOL p-METHYLBENZOATE * p-(BIS(2-CHLOROETHYL)AMINO)PHENYL p-METHYLBENZOATE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:22 mg/kg JMCMAR 12,491,69
ipr-mus LD50:15500 ug/kg JMCMAR 12,491,69

SJ7781100 PHENOL, 2-((BIS(2-CHLOROETHYL)AMINO)METHYL)-4-NITRO-
UPDT:8408 CAS: 56537-91-8 MW: 293.17 MOLFM: C11-H14-Cl2-N2-O3
SYN: BIS(2-CHLOROETHYL)AMINOMETHYL-4-HYDROXYNITROBENZENE * 2-((BIS(2-CHLOROETHYL)AMINO)METHYL)-4-NITROPHENOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:35 mg/kg (1-7D preg) IJMRAQ 64,244,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SJ7782500 PHENOL, p-(BIS(2-CHLOROETHYL)AMINO)-, MYRISTATE
UPDT:8303 MW: 444.54 MOLFM: C24-H39-Cl2-N-O2
SYN: p-(BIS(2-CHLOROETHYL)AMINO)PHENOL MYRISTATE
TOXICITY DATA AND REFERENCES:
1V30 par-mus LDLo:100 mg/kg JPMSAE 71,772,82

SJ7784300 PHENOL, p-(BIS(2-CHLOROETHYL)AMINO)-, OCTANOATE (ester)
UPDT:8303 MW: 380.36 MOLFM: C18-H27-Cl2-N-O2
SYN: p-(BIS(2-CHLOROETHYL)AMINO)PHENOL OCTANOATE
TOXICITY DATA AND REFERENCES:
1V30 par-mus LD50:26341 ug/kg JPMSAE 71,772,82

SJ7785400 PHENOL, 2,4-BIS(DIMETHYLAMINO)-, METHYLCARBAMATE (ester), MONOHYDROCHLORIDE
UPDT:8312 MW: 273.80 MOLFM: C12-H19-N3-O2 .Cl-H
SYN: 2,4-BIS(DIMETHYLAMINO)PHENOL METHYLCARBAMATE (ester) HYDROCHLORIDE * CARBAMIC ACID, METHYL-, 2,4-BIS(DIMETHYLAMINO)PHENYL ESTER, HYDROCHLORIDE * N-METHYLURETHANE of HYDROCHLORIDE of 2,4-TETRAMETHYLDIAMINOPHENOL
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:60 mg/kg JCSOA9 -,182,47

SJ7785500 PHENOL, 2,5-BIS(DIMETHYLAMINO)-, METHYLCARBAMATE (ester), MONOHYDROCHLORIDE
UPDT:8312 MW: 273.80 MOLFM: C12-H19-N3-O2 .Cl-H
SYN: 2,5-BIS(DIMETHYLAMINO)PHENOL METHYLCARBAMATE (ester) HYDROCHLORIDE * CARBAMIC ACID, METHYL-, 2,5-BIS(DIMETHYLAMINO)PHENYL ESTER, HYDROCHLORIDE * N-METHYLURETHANE of HYDROCHLORIDE of 2,5-TETRAMETHYLDIAMINOPHENOL
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:50 mg/kg JCSOA9 -,182,47

PHENOL, 2,6-BIS(1,1-DIMETHYLETHYL)-4-METHYL- (9CI) see: GO7875000

SJ7787000 PHENOL, 2-(BIS(2-HYDROXYETHYL)AMINO)-5-NITRO-
UPDT:8412 CAS: 52551-67-4 MW: 242.26 MOLFM: C10-H14-N2-O5
SYN: 2-(BIS(2-HYDROXYETHYL)AMINO)-5-NITROPHENOL * HC YELLOW NO.4 * NCI-C56019
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

PHENOL, 3,5-BIS(1-METHYLETHYL)-, METHYLCARBAMATE see: FB9800000

SJ7800000 PHENOL, 2,6-BIS(PIPERIDINOMETHYL)-4-(alpha,alpha-DIMETHYLBENZYL)-, DIHYDROBROMIDE
UPDT:8307 CAS: 2089-46-5 MW: 568.51 MOLFM: C27-H38-N2-O .2Br-H
SYN: 4-(BIS(2-CHLOROETHYL)AMINO)PHENOL * 2,6-BIS(1-PIPERIDYLMETHYL)-4-(alpha,alpha-DIMETHYLBENZYL)PHENOL DIHYDROBROMIDE * 4-alpha,alpha-DIMETHYLBENZYL-alpha,alpha'-DIPIPERIDINO-2,6-XYLENOL DIHYDROBROMIDE * 4-(1-METHYL-1-PHENYLETHYL)-2,6-BIS-(1-PIPERIDINYLMETHYL)PHENOL DIHYDROBROMIDE * RO 2-5803 * RYTHMOL * 2,6-XYLENOL, 4-alpha,alpha-DIMETHYLBENZYL-alpha alph ,'-DIPIPERIDINO-, DIHYDROBROMIDE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:17 mg/kg JMCMAR 8,167,65
* orl-mus LD50:330 mg/kg AIPTAK 132,295,61
ipr-mus LD50:15 mg/kg JMCMAR 8,167,65
* ivn-mus LD50:30 mg/kg AIPTAK 132,295,61
* ims-gpg LD50:48720 ug/kg ARPMAS 313,142,80

SJ7810000 PHENOL, 2,6-BIS(1-PYRROLIDINYLMETHYL)-4-(4-QUINAZOLINYLAMINO)-
UPDT:8307 CAS: 72063-47-9 MW: 403.58 MOLFM: C24-H29-N5-O
SYN: 4-(3',5'-BIS((N-PYRROLIDINYL)METHYL)-4'-HYDROXYANILINO)QUINAZOLINE * 2,6-BIS(1-PYRROLIDINYLMETHYL)-4-(4-QUINAZOLINYLAMINO)PHENOL * CHANGROLIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:342 mg/kg CYLPDN 3,29,82

SJ7874900 PHENOL, BROMO-
UPDT:8401 CAS: 32762-51-9 MW: 173.02 MOLFM: C6-H5-Br-O
SYN: BROMOPHENOL
TOXICITY DATA AND REFERENCES:
* orl-mam LD50:652 mg/kg GISAAA 45(10),16,80
* skn-mam LD50:1620 mg/kg GISAAA 45(10),16,80
STATUS:
* REPORTED IN EPA TSCA INVENTORY, 1983

SJ7875000 PHENOL, o-BROMO-
UPDT:8408 CAS: 95-56-7 MW: 173.02 MOLFM: C6-H5-Br-O
SYN: o-BROMOPHENOL
TOXICITY DATA AND REFERENCES:
scu-rat LD50:1500 mg/kg 14CYAT 2,1406,63
* orl-mus LD50:652 mg/kg GISAAA 44(12),19,79
* ipr-mus LD50:633 mg/kg GISAAA 44(12),19,79
scu-gpg LDLo:1500 mg/kg RMSRA6 16,449,1896
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SJ7960000 PHENOL, p-BROMO-
UPDT:8408 CAS: 106-41-2 MW: 173.02 MOLFM: C6-H5-Br-O
SYN: p-BROMOPHENOL * 4-BROMOPHENOL
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:7200 mg/kg/18W-I CNREA8 19,413,59
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:523 mg/kg GISAAA 44(12),19,79
* ipr-mus LD50:411 mg/kg GISAAA 44(12),19,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SJ7990000 PHENOL, 4-BROMO-2-(((2-ANILINO-5-NITROPHENYL)IMINO)METHYL)-
UPDT:8305 MW: 412.27 MOLFM: C19-H14-Br-N3-O3
SYN: 4-BROMO-2-(((2-ANILINO-5-NITROPHENYL)IMINO)METHYL)PHENOL * 4-NITRO-2-(5-BROMOSALICYLIDENAMINO)DIPHENYLAMINE
MUTATION DATA AND REFERENCES:
mmo-bcs 10 mmol/L FAVUAI 6,118,74

PHENOL, 4-BROMO-2,5-DICHLORO-, O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE see: TE7000000

PHENOL, 4-BROMO-2,5-DICHLORO-, O-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE see: TE7175000

SJ8270000 PHENOL, 2-BROMO-6-ETHYL-
UPDT:8403 CAS: 24885-48-1 MW: 201.08 MOLFM: C8-H9-Br-O
SYN: 2-BROMO-6-ETHYLPHENOL
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1650 mg/kg PHARAT 30,147,75

SJ8300000 PHENOL, 4-BROMO-2-ETHYL-
UPDT:8403 CAS: 18980-21-7 MW: 201.08 MOLFM: C8-H9-Br-O
SYN: 4-BROM-2-AETHYLPHENOL (German) * 4-BROMO-2-ETHYLPHENOL
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1100 mg/kg PHARAT 32,171,77

SJ8320100 PHENOL, p-(beta-BROMO-2-FLUORO-alpha-PHENYLSTYRYL)-
UPDT:8407 MW: 369.25 MOLFM: C20-H14-Br-F-O
SYN: p-(beta-BROMO-2-FLUORO-alpha-PHENYLSTYRYL)PHENOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:500 mg/kg (10D male) JMCMAR 8,415,65
1T13 scu-rat TDLo:1500 ug/kg (3D pre) JMCMAR 8,415,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SJ8320200 PHENOL, p-(beta-BROMO-3-FLUORO-alpha-PHENYLSTYRYL)-
UPDT:8407 MW: 369.25 MOLFM: C20-H14-Br-F-O
SYN: p-(beta-BROMO-3-FLUORO-alpha-PHENYLSTYRYL)PHENOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 unk-rat TDLo:500 mg/kg (10D male) JMCMAR 8,415,65
1T13 orl-rat TDLo:1500 ug/kg (3D pre) JMCMAR 8,415,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SJ8320300 PHENOL, p-(beta-BROMO-4-FLUORO-alpha-PHENYLSTYRYL)-
UPDT:8407 MW: 369.25 MOLFM: C20-H14-Br-F-O
SYN: p-(beta-BROMO-4-FLUORO-alpha-PHENYLSTYRYL)PHENOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:500 mg/kg (10D male) JMCMAR 8,415,65
1T13 scu-rat TDLo:1500 ug/kg (3D pre) JMCMAR 8,415,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENOL, 4-BROMO-5-METHYL-2-(1-METHYLETHYL)- (9CI) see: XP2610000

SJ8650000 PHENOL, 2-BUTENYL- (mixed isomers)
UPDT:8407 MW: 148.22 MOLFM: C10-H12-O
SYN: 2-BUTENYLPHENOL (mixed isomers)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 4,119,51
eye-rbt 50 ug open SEV AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:410 mg/kg AMIHBC 4,119,51
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SJ8810000 PHENOL, m-BUTYL-
UPDT:8312 CAS: 4074-43-5 MW: 150.24 MOLFM: C10-H14-O
SYN: m-BUTYLPHENOL * 3-BUTYLPHENOL * m-BUTYLPHENOL, liquid (DOT) * m-BUTYLPHENOL, solid (DOT) * m-HYDROXYBUTYLBENZENE * PHENOL, 3-BUTYL- (9CI) * UN 2228 (DOT) * UN 2229 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

SJ8850000 PHENOL, o-BUTYL-
UPDT:8401 CAS: 3180-09-4 MW: 150.24 MOLFM: C10-H14-O
SYN: 2-n-BUTYLPHENOL * o-BUTYLPHENOL, liquid (DOT) * o-BUTYLPHENOL, solid (DOT) * UN 2228 (DOT) * UN 2229 (DOT)
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:3800 mg/kg/12W-I CNREA8 19,413,59
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SJ8920000 PHENOL, o-sec-BUTYL-
UPDT:8408 CAS: 89-72-5 MW: 150.24 MOLFM: C10-H14-O
SYN: 2-sec.BUTYLFENOL (Czech)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV 28ZPAK -,55,72
eye-rbt 50 ug/24H SEV 28ZPAK -,55,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2700 mg/kg 28ZPAK -,55,72
* ipr-mus LD50:63 mg/kg JMCMAR 18,868,75
1F04 ivn-mus LD50:60 mg/kg JMCMAR 23,1350,80
* orl-gpg LD50:600 mg/kg DTLVS* 4,58,80
* skn-gpg LD50:600 mg/kg DTLVS* 4,58,80
REVIEW AND REFERENCES:
★ TLV-TWA 5 ppm (skin) DTLVS* 4,58,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SJ8922500 PHENOL, p-BUTYL
UPDT:8401 CAS: 1638-22-8 MW: 150.24 MOLFM: C10-H14-O
SYN: 4-n-BUTYLPHENOL * p-BUTYLPHENOL, liquid (DOT) * p-BUTYLPHENOL, solid (DOT) * UN 2228 (DOT) * UN 2229 (DOT)
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:3840 mg/kg/12W-I CNREA8 19,413,59
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SJ8924000 PHENOL, p-(sec-BUTYL)-
UPDT:8408 MW: 150.24 MOLFM: C10-H14-O
SYN: p-(sec-BUTYL)PHENOL * 4-sec-BUTYLPHENOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:66 mg/kg JMCMAR 18,868,75
1F04 ivn-mus LD50:40 mg/kg JMCMAR 23,1350,80

SJ8925000 PHENOL, p-(tert-BUTYL)-
UPDT:8408 CAS: 98-54-4 MW: 150.24 MOLFM: C10-H14-O
SYN: p-terc.BUTYLFENOL (Czech) * BUTYLPHEN * p-tert-BUTYLPHENOL * 4-t-BUTYLPHENOL * 4-(1,1-DIMETHYLETHYL)PHENOL * 1-HYDROXY-4-tert-BUTYLBENZENE * PHENOL, 4-(1,1-DIMETHYLETHYL)- * UCAR BUTYLPHENOL 4-T
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H FCTXAV 12,835,74
eye-rbt 454 mg SEV IHFCAY 6,1,67
eye-rbt 50 ug/24H SEV 28ZPAK -,55,72
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2951 mg/kg AIHAAP 30,470,69
* ipr-mus LD50:78 mg/kg JMCMAR 18,868,75
* skn-rbt LD50:2288 mg/kg AIHAAP 30,470,69
* orl-mam LD50:1500 mg/kg GISAAA 45(10),16,80
* skn-mam LD50:1580 mg/kg GISAAA 45(10),16,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PHENOL, 3-BUTYL- (9CI) see: SJ8810000

PHENOL, 4-t-BUTYL-2-CHLORO-, ESTER with METHYL METHYLPHOSPHORAMIDATE see: TB3850000

SJ9800000 PHENOL, 2-sec-BUTYL-4,6-DINITRO-
UPDT:8408 CAS: 88-85-7 MW: 240.24 MOLFM: C10-H12-N2-O5
SYN: ARETIT * BASANITE * BUTAPHENE * BNP 30 * 2-sec-BUTYL-4,6-DINITROPHENOL * CALDON * CHEMOX GENERAL * CHEMOX P.E. * DINITRO-3 * DINITRO * 4,6-DINITRO-2-sec.BUTYLFENOL (Czech) * DINITROBUTYLPHENOL * 2,4-DINITRO-6-sec-BUTYLPHENOL * 4,6-DINITRO-o-sec-BUTYLPHENOL * 4,6-DINITRO-2-sec-BUTYLPHENOL * 2,4-DINITRO-6-(1-METHYL-PROPYL)PHENOL (French) * 4,6-DINITRO-2-(1-METHYL-n-PROPYL)PHENOL * DINOSEB * DINOSEBE (French) * DN 289 * DNBP * DNOSBP * DNSBP * DOW GENERAL * DOW GENERAL WEED KILLER * DOW SELECTIVE WEED KILLER * ELGETOL * ELGETOL 318 * ENT 1,122 * GEBUTOX * HEL-FIRE * KILOSEB * 6-(1-METHYL-PROPYL)-2,4-DINITROFENOL (Dutch) * 2-(1-METHYLPROPYL)-4,6-DINITROPHENOL * 6-(1-METIL-PROPIL)-2,4-DINITRO-FENOLO (Italian) * NITROPONE C * PHENOTAN * PREMERGE * PREMERGE 3 * RCRA WASTE NUMBER P020 * SINOX GENERAL * SPARIC * SPURGE * SUBITEX * UNICROP DNBP * VERTAC DINITRO WEED KILLER * VERTAC GENERAL WEED KILLER * VERTAC SELECTIVE WEED KILLER
IRRITATION DATA AND REFERENCES:
eye-rbt 50 ug/24H SEV 28ZPAK -,108,72
MUTATION DATA AND REFERENCES:
mrc-smc 185 ppm MUREAV 21,83,73
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-rat TDLo:1201 mg/kg (77D male) AECTCV 11,475,82

3T02T22T23	orl-rat TDLo:820 mg/kg (8W male/8W pre-22D preg)	TXAPA9 45,235,78
3T75T76T81	orl-rat TDLo:820 mg/kg (8W male/8W pre-22D preg)	TXAPA9 45,235,78
2T02T03	orl-rat TDLo:1108 mg/kg (71D male)	AECTCV 11,475,82
1T01	orl-rat TDLo:78 mg/kg (20D male)	AECTCV 11,475,82
1T34	ipr-rat TDLo:24 mg/kg (10-12D preg)	JTEHD6 6,633,80
1T81	ipr-rat TDLo:27 mg/kg (10-12D preg)	JTEHD6 6,633,80
1T34	orl-mus TDLo:288 mg/kg (8-16D preg)	FCTXAV 11,31,73
1T46	orl-mus TDLo:180 mg/kg (8-16D preg)	FCTXAV 11,31,73
1T41	ipr-mus TDLo:30 mg/kg (10-12D preg)	FCTXAV 11,31,73
3T43T52T53	ipr-mus TDLo:47400 ug/kg (10-12D preg)	TJADAB 12,147,75
2T25T34	ipr-mus TDLo:37500 ug/kg (14-16D preg)	FCTXAV 11,31,73
2T41T46	ipr-mus TDLo:47400 ug/kg (10-12D preg)	JTEHD6 1,107,75
3T26T25T34	scu-mus TDLo:53100 ug/kg (14-16D preg)	FCTXAV 11,31,73
1T46	scu-mus TDLo:53100 ug/kg (10-12D preg)	FCTXAV 11,31,73

TUMORIGENIC DATA AND REFERENCES:

3V03J60L60	orl-mus TDLo:764 mg/kg/78W-I	NTIS** PB223-159

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:25 mg/kg	TXAPA9 7,353,65
	skn-rat LD50:80 mg/kg	WRPCA2 9,119,70
	orl-mus LD50:20 mg/kg	TXAPA9 7,353,65
	ipr-mus LD50:8 mg/kg	BCPCA6 18,1389,69
	ihl-cat LCLo:45 mg/m3/3H	85GMAT -,61,82
	skn-rbt LD50:80 mg/kg	31ZOAD 1,178,68
	orl-gpg LD50:20 mg/kg	TXAPA9 7,353,65
	skn-gpg LDLo:500 mg/kg	JIHTAB 30,10,48
	orl-ckn LD50:40 mg/kg	TXAPA9 7,353,65
*	orl-dck LD50:9 mg/kg	DOEAAH 35,25,79
	unk-mam LD50:60 mg/kg	30ZDA9 -,98,71
	orl-bwd LD50:7 mg/kg	TXAPA9 21,315,72

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: DTTIAF 80(20),485,73; EVHPAZ 15,121,76

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SK0160000 PHENOL, o-t-BUTYL-4,6-DINITRO-

UPDT:8401 CAS: 1420-07-1 MW: 240.24 MOLFM: C10-H12-N2-O5

SYN: 2-(1,1-DIMETHYLETHYL)-4,6-DINITROPHENOL * DINOTERB * DNTBP * HERBOGIL

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:62 mg/kg	FMCHA2 -,C84,83
	orl-mus LD50:25 mg/kg	28ZEAL 5,82,76
	skn-gpg LD50:150 mg/kg	28ZEAL 5,82,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SK0175000 PHENOL, o-t-BUTYL-4,6-DINITRO-, ACETATE (ester)

UPDT:8309 CAS: 3204-27-1 MW: 282.28 MOLFM: C12-H14-N2-O6

SYN: 2-tert-BUTYL-4,6-DINITROPHENYL ACETATE * 2-(1,1-DIMETHYLETHYL)-4,6-DINITROPHENOL ACETATE * DINOTERB ACETATE * MC 1108 * P-1108

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:62 mg/kg	WRPCA2 9,119,70
	orl-rbt LD50:100 mg/kg	28ZEAL 5,83,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENOL, 2-sec-BUTYL-4,6-DINITRO-, ACETATE (ESTER) (8CI) see: AF7140000

PHENOL, 2-sec-BUTYL-4,6-DINITRO-, ISOPROPYLCARBONATE see: FF9100000

PHENOL, 2-sec-BUTYL-4,6-DINITRO-, 3-METHYLCROTONATE see: GQ5600000

SK1050000 PHENOL, 6-t-BUTYL-3-(2-IMIDAZOLIN-2-YLMETHYL)-2,4-DIMETHYL-

UPDT:8312 CAS: 1491-59-4 MW: 260.42 MOLFM: C16-H24-N2-O

SYN: 6-t-BUTYL-3-(2-IMIDAZOLIN-2-YLMETHYL)-2,4-DIMETHYLPHENOL * NASIVINE * OXYMETAZOLINE * OXYMETHAZOLINE * OXYMETOZOLINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	ipr-mus TDLo:20 mg/kg (1-5D preg)	CCPTAY 11,563,75

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:800 ug/kg	TXAPA9 18,185,71
	scu-rat LD50:1100 ug/kg	TXAPA9 18,185,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SK1225000 PHENOL, 6-t-BUTYL-3-(2-IMIDAZOLIN-2-YLMETHYL)-2,4-DIMETHYL-, HYDROCHLORIDE

UPDT:8408 CAS: 2315-02-8 MW: 296.88 MOLFM: C16-H24-N2-O Cl-H

SYN: AFRAZINE * AFRIN * AFRIN HYDROCHLORIDE * 2-(4-t-BUTYL-2,6-DIMETHYL-3-HYDROXYBENZYL)-2-IMIDAZOLINIUM CHLORIDE * 6-t-BUTYL-3-(2-IMIDAZOLIN-2-YLMETHYL)-2,4-DIMETHYLPHENOL HYDROCHLORIDE * 2,6-DIMETHYL-2-(4-TERTIARYBUTYL-3-HYDROXYPHENYL)METHYLIMIDAZOLINE HYDROCHLORIDE * DURATION * H 990 * ILIADIN * NAFRINE * NASIVIN * OXYMETAZOLINE CHLORIDE * OXYMETAZOLINE HYDROCHLORIDE * SCH 9384

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	ipr-rat TDLo:1800 ug/kg (1-3D preg)	IJMRAQ 67,478,78

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:880 ug/kg	ARZNAD 11,1016,61
	scu-rat LD50:1630 ug/kg	ARZNAD 11,1016,61
	ivn-rat LD50:1070 ug/kg	ARZNAD 11,1016,61
	orl-mus LD50:10 mg/kg	29ZVAB -,85,69
	scu-mus LD50:34 mg/kg	ARZNAD 11,1016,61
	ivn-mus LD50:5 mg/kg	ARZNAD 11,1016,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SK1578000 PHENOL, 2-tert-BUTYL-4-METHYL-

UPDT:8408 MW: 164.27 MOLFM: C11-H16-O

SYN: 2-tert-BUTYL-4-METHYLPHENOL

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:144 mg/kg	JMCMAR 18,868,75
1F04	ivn-mus LD50:100 mg/kg	JMCMAR 23,1350,80

SK1578400 PHENOL, 4-tert-BUTYL-2-METHYL-

UPDT:8408 MW: 164.27 MOLFM: C11-H16-O

SYN: 4-tert-BUTYL-2-METHYLPHENOL

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:81 mg/kg	JMCMAR 18,868,75
1F04	ivn-mus LD50:180 mg/kg	JMCMAR 23,1350,80

PHENOL, m-sec-BUTYL-, METHYLCARBAMATE see: FB5250000

SK1650000 PHENOL, m-(3-BUTYL-1-METHYL-3-PYRROLIDINYL)-

UPDT:8307 CAS: 1505-39-1 MW: 233.39 MOLFM: C15-H23-N-O

SYN: 3-BUTYL-3-(m-HYDROXYPHENYL)-1-METHYLPYRROLIDINE * m-(3-BUTYL-1-METHYL-3-PYRROLIDINYL)PHENOL * PYRROLIDINE, 3-BUTYL-3-(m-HYDROXYPHENYL)-1-METHYL

TOXICITY DATA AND REFERENCES:

	ipr-rat LDLo:81 mg/kg	JMCMAR 15,930,72

SK1700000 PHENOL, m-(3-sec-BUTYL-1-METHYL-3-PYRROLIDINYL)-

UPDT:8307 CAS: 38906-44-4 MW: 233.39 MOLFM: C15-H23-N-O

SYN: m-(3-sec-BUTYL-1-METHYL-3-PYRROLIDINYL)PHENOL * PYRROLIDINE, 3-(sec-BUTYL)-3-(m-HYDROXYPHENYL)-1-METHYL-

TOXICITY DATA AND REFERENCES:

	ipr-rat LDLo:183 mg/kg	JMCMAR 15,930,72

PHENOLCARBINOL see: DN3150000

SK2450000 PHENOL, m-CHLORO-

UPDT:8401 CAS: 108-43-0 MW: 128.56 MOLFM: C6-H5-Cl-O

SYN: m-CHLOROPHENOL * 3-CHLOROPHENOL * m-CHLOROPHENOL, liquid (DOT) * m-CHLOROPHENOL, solid (DOT) * UN 2020 (DOT) * UN 2021 (DOT)

TUMORIGENIC DATA AND REFERENCES:

2V03R60	skn-mus TDLo:6000 mg/kg/15W-I	CNREA8 19,413,59

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:570 mg/kg	FEPRA7 2,76,43
	ipr-rat LD50:355 mg/kg	BJPCAL 13,20,58
	scu-rat LD50:1390 mg/kg	FEPRA7 2,76,43

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS	CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SK2625000 PHENOL, o-CHLORO-

UPDT:8408 CAS: 95-57-8 MW: 128.56 MOLFM: C6-H5-Cl-O

SYN: o-CHLOROPHENOL * 2-CHLOROPHENOL * o-CHLOROPHENOL, liquid (DOT) * o-CHLOROPHENOL, solid (DOT) * o-CHLORPHENOL (German) * PHENOL, 2-CHLORO- * RCRA WASTE NUMBER U048 * UN 2020 (DOT) * UN 2021 (DOT)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T26T71	orl-rat TDLo:4550 mg/kg (70D pre/1-21D preg)	EVHPAZ 46,137,82

TUMORIGENIC DATA AND REFERENCES:

2V03R60	skn-mus TDLo:4800 mg/kg/12W-I	CNREA8 19,413,59

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:670 mg/kg	FEPRA7 2,76,43
	ipr-rat LD50:230 mg/kg	BJPCAL 13,20,58
	scu-rat LD50:950 mg/kg	FEPRA7 2,76,43
	orl-mus LD50:670 mg/kg	TIVSAI 33,258,69
*	ipr-mus LD50:235 mg/kg	JMCMAR 18,868,75
	scu-rbt LDLo:950 mg/kg	HBAMAK 4,1361,35
	ivn-rbt LDLo:120 mg/kg	HBTXAC 5,112,59
	scu-gpg LDLo:800 mg/kg	HBAMAK 4,1361,35
	scu-frg LDLo:400 mg/kg	HBTXAC 5,112,59
	orl-mam LD50:440 mg/kg	TIVSAI 33,258,69

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS	CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SK2800000 PHENOL, p-CHLORO-

UPDT:8408 CAS: 106-48-9 MW: 128.56 MOLFM: C6-H5-Cl-O

SYN: p-CHLORFENOL (Czech) * p-CHLOROPHENOL * 4-CHLOROPHENOL * p-CHLOROPHENOL, liquid (DOT) * p-CHLOROPHENOL, solid (DOT) * PARACHLOROPHENOL * PHENOL, 4-CHLORO- * UN 2020 (DOT) * UN 2021 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H SEV	28ZPAK -,78,72
	eye-rbt 250 ug/24H SEV	28ZPAK -,78,72

MUTATION DATA AND REFERENCES:

	mmo-sat 200 ug/plate	PCBPBS 10,174,79

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:261 mg/kg	28ZPAK -,78,72
	ipr-rat LD50:281 mg/kg	BJPCAL 13,20,58
	scu-rat LD50:1030 mg/kg	FEPRA7 2,76,43
*	ipr-mus LD50:332 mg/kg	JMCMAR 18,868,75
*	orl-mam LD50:500 mg/kg	GISAAA 45(10),16,80
*	skn-mam LD50:1000 mg/kg	GISAAA 45(10),16,80

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS	CFRGBR 49,172.102,83

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 7 337

'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENOL, 2-CHLORO- see: SK2625000

PHENOL, 4-CHLORO- see: SK2800000

PHENOL, 5-CHLORO-2-(2,4-DICHLOROPHENOXY)- see: KO1100000

SK3900000 PHENOL, 4-CHLORO-2,6-DIETHYL-

UPDT:8403 MW: 184.68 MOLFM: C10-H13-Cl-O

SYN: 4-CHLORO-2,6-DIETHYLPHENOL

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1000 mg/kg	PHARAT 30,147,75

PHENOL, 2-CHLORO-4,5-DIMETHYL-, METHYL CARBAMATE (9CI) see: FB6825000

SK4300000 PHENOL, 2-CHLORO-6-ETHYL-

UPDT:8403 MW: 156.62 MOLFM: C8-H9-Cl-O

SYN: 2-CHLOR-6-AETHYLPHENOL (German) * 2-CHLORO-6-ETHYLPHENOL

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1550 mg/kg	PHARAT 32,171,77

SK4310000 PHENOL, 4-CHLORO-2-ETHYL-

UPDT:8403 MW: 156.62 MOLFM: C8-H9-Cl-O

SYN: 4-CHLOR-2-AETHYLPHENOL (German) * 4-CHLORO-2-ETHYLPHENOL

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1630 mg/kg	PHARAT 32,171,77

SK4330000 PHENOL, 4-CHLORO-2-ETHYL-, ACETATE

UPDT:8403 CAS: 53347-16-3 MW: 198.66 MOLFM: C10-H11-Cl-O2

SYN: 4-CHLORO-2-ETHYLPHENOL ACETATE * ESSIGSAEURE-(4-CHLOR-2-AETHYLPHENYLESTER) (German)

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:2000 mg/kg	PHARAT 30,147,75

SK4340000 PHENOL, 2-(((2-CHLOROETHYL)AMINO)METHYL)-4-NITRO-

UPDT:8408 CAS: 56538-00-2 MW: 230.67 MOLFM: C9-H11-Cl-N2-O3

SYN: N-(2-CHLOROETHYL)AMINOMETHYL-4-HYDROXYNITROBENZENE * 2-(((2-CHLOROETHYL)AMINO)METHYL)-4-NITROPHENOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:35 mg/kg (1-7D preg)	IJMRAQ 66,987,77

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:25 mg/kg	IJMRAQ 66,987,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SK4350000 PHENOL, 4-CHLORO-2-ETHYL-6-PROPYL-

UPDT:8403 CAS: 53346-77-3 MW: 198.71 MOLFM: C11-H15-Cl-O

SYN: 4-CHLORO-2-ETHYL-6-PROPYLPHENOL

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1620 mg/kg	PHARAT 30,147,75

SK4375000 PHENOL, 4-CHLORO-2-HEXYL-

UPDT:8401 MW: 212.74 MOLFM: C12-H17-Cl-O

SYN: 4-CHLORO-2-HEXYLPHENOL * 2-HEXYL-4-CHLOROPHENOL

TUMORIGENIC DATA AND REFERENCES:

2V02R60	skn-mus TDLo:8400 mg/kg/21W-I	CNREA8 19,413,59

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENOL, o-(CHLOROMERCURI)- see: OW0350000
PHENOL, p-(CHLOROMERCURI)- see: OW0525000

SK4920000 PHENOL, 4-((7-CHLORO-2-METHOXYBENZO(b)-1,5-NAPHTHYRIDIN-10-YL)AMINO)-2,6-BIS(1-PYRROLIDINYL METHYL)-
UPDT:8403 CAS: 74847-35-1 MW: 518.11 MOLFM: C29-H32-Cl-N5-O2
SYN: MALARIDINE * PYRONARIDINE
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate CYLPDN 3,51,82
PHENOL, 4-CHLORO-3-METHYL- (9CI) see: GO7100000
PHENOL, 2-CHLORO-3-(1-METHYLETHYL)-, METHYLCARBAMATE (9CI) see: FB5649900
PHENOL, 4-CHLORO-2-METHYL-5-(1-METHYLETHYL)- (9CI) see: FI1400000

SK5075000 PHENOL, 2-CHLORO-4-NITRO-
UPDT:8408 CAS: 619-08-9 MW: 173.56 MOLFM: C6-H4-Cl-N-O3
SYN: 2-CHLORO-4-NITROPHENOL
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg NCNSA6 5,37,53
* ipr-mus LD50:80 mg/kg JMCMAR 18,868,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
PHENOL, 2-CHLORO-4-NITRO-, O-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE see: TE7875000
PHENOL, 3-CHLORO-4-NITRO-, O-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE see: TE8050000
PHENOL, p-((p-CHLOROPHENYL)AZO)-, O-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE see: TE8100000

SK5820100 PHENOL, o-(4-(m-CHLOROPHENYL)-3H-1,5-BENZODIAZEPIN-2-YL)-
UPDT:8312 MW: 346.83 MOLFM: C21-H15-Cl-N2-O
SYN: o-(4-(m-CHLOROPHENYL)-3H-1,5-BENZODIAZEPIN-2-YL)PHENOL
TOXICITY DATA AND REFERENCES:
2F02F05 ipr-mus LDLo:200 mg/kg ARZNAD 32,1512,82

SK5820200 PHENOL, o-(4-(o-CHLOROPHENYL)-3H-1,5-BENZODIAZEPIN-2-YL)-
UPDT:8312 MW: 346.83 MOLFM: C21-H15-Cl-N2-O
SYN: o-(4-(o-CHLOROPHENYL)-3H-1,5-BENZODIAZEPIN-2-YL)PHENOL * 2-(2'-HYDROXYPHENYL)-4-o-CHLOROPHENYL-1,5-BENZODIAZEPINE
TOXICITY DATA AND REFERENCES:
2F02F05 ipr-mus LDLo:200 mg/kg ARZNAD 32,1512,82

SK5820300 PHENOL, o-(4-(p-CHLOROPHENYL)-3H-1,5-BENZODIAZEPIN-2-YL)-
UPDT:8312 MW: 346.83 MOLFM: C21-H15-Cl-N2-O
SYN: o-(4-(p-CHLOROPHENYL)-3H-1,5-BENZODIAZEPIN-2-YL)PHENOL
TOXICITY DATA AND REFERENCES:
2F02F05 ipr-mus LDLo:200 mg/kg ARZNAD 32,1512,82
PHENOL, 4-CHLORO-2-(PHENYLMETHYL)- (9CI) see: GO7175000
PHENOL, 4-((7-CHLORO-4-QUINOLINYL)AMINO)-2-(1-PYRROLIDINYLMETHYL)-, DIHYDROCHLORIDE (9CI) see: GO7350000

SK6300000 PHENOL, p-(1-CYCLOHEXEN-1-YL)-
UPDT:8307 CAS: 709-08-0 MW: 174.26 MOLFM: C12-H14-O
SYN: CYCLOHEXENYL-4-PHENOL * PHENOL, 4-CYCLOHEXENYL-
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2830 mg/kg AIHAAP 30,470,69
skn-rbt LD50:3180 mg/kg AIHAAP 30,470,69
PHENOL, 4-CYCLOHEXENYL- see: SK6300000

SK6650000 PHENOL, 2-CYCLOHEXYL-4,6-DINITRO-
UPDT:8406 CAS: 131-89-5 MW: 266.28 MOLFM: C12-H14-N2-O5
SYN: 6-CICLOESIL-2,4-DINITR-FENOLO (Italian) * 2-CYCLOHEXYL-4,6-DINITROFENOL (Dutch) * 2-CYCLOHEXYL-4,6-DINITROPHENOL * 6-CYCLOHEXYL-2,4-DINITROPHENOL * DINEX * DINITROCYCLOHEXYLPHENOL * DINITRO-o-CYCLOHEXYLPHENOL * 2,4-DINITRO-6-CYCLOHEXYLPHENOL * 4,6-DINITRO-o-CYCLOHEXYLPHENOL * DINITROCYCLOHEXYLPHENOL (DOT) * DN * DN 1 * DN DRY MIX NO. 1 * DN DUST NO. 12 * DNOCHP * DOWSPRAY 17 * DRY MIX NO. 1 * ENT 157 * NA 9026 (DOT) * PEDINEX (French) * PHENOL, 6-CYCLOHEXYL-2,4-DINITRO- * RCRA WASTE NUMBER P034 * SN 46
IRRITATION DATA AND REFERENCES:
skn-rbt 105 mg/9D-I MOD JIHTAB 30,10,48
TOXICITY DATA AND REFERENCES:
orl-rat LD50:65 mg/kg ARSIM* 20,9,66
orl-mus LD50:50 mg/kg 85DPAN -,-,71/76
ipr-mus LD50:25 mg/kg BCPCA6 18,1389,69
1J30 scu-mus LDLo:30 mg/kg UCPHAQ 1,151,39
ivn-dog LDLo:8 mg/kg AIPTAK 50,20,35
1J30 orl-rbt LDLo:100 mg/kg UCPHAQ 1,151,39
scu-rbt LDLo:40 mg/kg UCPHAQ 1,151,39
orl-gpg LD50:50 mg/kg PCOC** -,417,66
skn-gpg LDLo:1000 mg/kg PCOC** -,417,66
scu-gpg LDLo:20 mg/kg PCOC** -,417,66
ivn-pgn LDLo:7 mg/kg AIPTAK 50,20,35
unk-mam LD50:50 mg/kg 30ZDA9 -,101,71
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PHENOL, 6-CYCLOHEXYL-2,4-DINITRO- see: SK6650000
PHENOL, 4-(CYCLOHEXYLIDENE(4-HYDROXYPHENYL)METHYL)- see: GO7530000

SK7010000 PHENOL, 4,4'-(CYCLOHEXYLIDENEMETHYLENE)DI-, BIS(DIHYDROGEN PHOSPHATE) TETRASODIUM SALT
UPDT:8305 CAS: 15480-76-9 MW: 528.27 MOLFM: C19-H18-O8-P2 .4Na
SYN: BIS(p-HYDROXYPHENYL)CYCLOHEXYLIDENEMETHANE TETRASODIUM DIPHOSPHATE * 4,4'-(CYCLOHEXYLIDENEMETHYLENE)DIPHENOL BIS(DIHYDROGEN PHOSPHATE) TETRASODIUM SALT * F 6111 * FERROSAN * F 6060 TETRASODIUM DIPHOSPHATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T03 ivn-dog TDLo:450 mg/kg (18D male) ASUPAZ 71,311,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SK7350000 PHENOL, 2,6-DIALLYL-
UPDT:8401 MW: 170.22 MOLFM: C12-H10-O
SYN: 2,6-DIALLYLPHENOL
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:4600 mg/kg/12W-I CNREA8 19,413,59
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SK7600000 PHENOL, 2,4-DIAMINO-, DIHYDROCHLORIDE
UPDT:8412 CAS: 137-09-7 MW: 197.08 MOLFM: C6-H8-N2-O .2Cl-H
SYN: AMIDOL * 2,4-DIAMINOPHENOL HYDROCHLORIDE * NCI-C60026
MUTATION DATA AND REFERENCES:
mma-sat 330 ng/plate ENMUDM 5(Suppl 1),3,83
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, PROPOSED RULE
PHENOL, 2,4-DI-tert-AMYL- see: SL3500000

SK8150000 PHENOL, 2,4-DIBROMO-6-(2,4,5-TRIBROMO-3-PYRROLYL)-
UPDT:8309 MW: 553.70 MOLFM: C10-H4-Br5-N-O
SYN: BROMINE RICH MARINE ANTIBIOTIC * 2,4-DIBROMO-6-(2,4,5-TRIBROMO-3-PYRROLYL)PHENOL * LOVELL SUBSTANCE * PENTABROMOPSEUDILIN * PYRROLANTIBIOTIC
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:50 mg/kg 85GDA2 5,49,81
* ivn-mus LD50:25 mg/kg 85GDA2 5,49,81

SK8260000 PHENOL, 2,4-DI-tert-BUTYL-
UPDT:8305 CAS: 96-76-4 MW: 206.36 MOLFM: C14-H22-O
SYN: ANTIOXIDANT No. 33 * 2,4-DI-tert-BUTYLPHENOL * PRODOX 146 * PRODOX 146A-85X
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:25 mg/kg NTIS** AD691-490
1F04 ivn-mus LD50:100 mg/kg JMCMAR 23,1350,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SK8265000 PHENOL, 2,6-DI-tert-BUTYL-
UPDT:8401 CAS: 128-39-2 MW: 206.36 MOLFM: C14-H22-O
SYN: 2,6-BIS(tert-BUTYL)PHENOL * 2,6-DI-tert-BUTYLPHENOL * ETHANOX 701
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:120 mg/kg JMCMAR 23,1350,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SK8400000 PHENOL, 2,6-DI-tert-BUTYL-4-NITRO-
UPDT:8309 CAS: 728-40-5 MW: 251.36 MOLFM: C14-H21-N-O3
SYN: BAY 28589 * BAYER 4889 * BAYER 28589 * 2,6-BIS(1,1-DIMETHYLETHYL)-4-NITROPHENOL * 2,6-DI-tert-BUTYL-4-NITROPHENOL * ENT 25,569
TOXICITY DATA AND REFERENCES:
orl-rat LD50:250 mg/kg 28ZEAL 4,141,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SK8575000 PHENOL, 2,4-DICHLORO-
UPDT:8412 CAS: 120-83-2 MW: 163.00 MOLFM: C6-H4-Cl2-O
SYN: DCP * 2,4-DCP * 2,4-DICHLOROPHENOL * NCI-C55345 * RCRA WASTE NUMBER U081
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T59 orl-rat TDLo:20 mg/kg (1-20D preg) GISAAA 41(11),102,76
1T34 orl-rat TDLo:7500 mg/kg (6-15D preg) TOXID9 4,167,84
2T34T46 scu-mus TDLo:666 mg/kg (6-14D preg) NTIS** PB223-160
TUMORIGENIC DATA AND REFERENCES:
2V01R60 skn-mus TDLo:16 gm/kg/39W-I CNREA8 19,413,59
TOXICITY DATA AND REFERENCES:
orl-rat LD50:580 mg/kg FEPRA7 2,76,43
ipr-rat LD50:430 mg/kg BJPCAL 13,20,58
scu-rat LD50:1730 mg/kg FEPRA7 2,76,43
orl-mus LD50:1600 mg/kg TOIZAG 19,356,72
* ipr-mus LD50:153 mg/kg JMCMAR 18,868,75
* orl-mam LD50:464 mg/kg GISAAA 45(10),16,80
* skn-mam LD50:790 mg/kg GISAAA 45(10),16,80
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: STEVA8 2(4),305,74
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SK8750000 PHENOL, 2,6-DICHLORO-
UPDT:8406 CAS: 87-65-0 MW: 163.00 MOLFM: C6-H4-Cl2-O
SYN: 2,6-DICHLORFENOL (Czech) * 2,6-DICHLOROPHENOL * RCRA WASTE NUMBER U082
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV 28ZPAK -,79,72
eye-rbt 250 ug/24H SEV 28ZPAK -,79,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2940 mg/kg 28ZPAK -,79,72
ipr-rat LD50:390 mg/kg BJPCAL 13,20,58
scu-rat LD50:1730 mg/kg FEPRA7 2,76,43
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

SK8925000 PHENOL, 2,4-DICHLORO-, ACETATE
UPDT:8307 CAS: 6341-97-5 MW: 205.04 MOLFM: C8-H6-Cl2-O2
SYN: 2,4-DICHLOROPHENOL ACETATE * 2,4-DICHLOROPHENYL ACETATE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:390 mg/kg BJPCAL 13,20,58
ipr-mus LDLo:250 mg/kg CBCCT* 7,787,55

SK9100000 PHENOL, 2,4-DICHLORO-, BENZENESULFONATE
UPDT:8401 CAS: 97-16-5 MW: 303.16 MOLFM: C12-H8-Cl2-O3-S
SYN: BENZENESULPHONIC ACID, 2,4-DICHLOROPHENYL ESTER * COMPOUND 923 * 2,4-DICHLOROPHENOL, BENZENESULFONATE * 2,4-DICHLOROPHENYL BENZENESULFONATE * 2,4-DICHLOROPHENYL BENZENESULPHONATE * 2,4-DICHLOROPHENYL ester of BENZENESULFONIC ACID * DPBS * EM 923 * GENITE * GENITE 923 * GENITE EM-923 * GENITE-R99 * GENITOL * GENITOL 923
TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 orl-mus TDLo:260 gm/kg/78W-I NTIS** PB223-159
2V01P60 scu-mus TDLo:1000 mg/kg NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1000 mg/kg BESAAT 12,117,66
unk-rat LD50:1400 mg/kg 30ZDA9 -,274,71
2G05P01 orl-dog LDLo:620 mg/kg AIPTAK 121,306,59
orl-rbt LD50:700 mg/kg PCOC** -,556,66
* ivn-rbt LD50:115 mg/kg AIPTAK 121,306,59
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SK9200000 PHENOL, 2,4-DICHLORO-6-((4,5-DICHLORO-3-NITROPYRROL-2-YL)METHYL)-
UPDT:8305 MW: 355.99 MOLFM: C11-H6-Cl4-N2-O3
SYN: PYRROLOMYCIN B * SF-2080B
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg JANTAJ 35,82-147,82
PHENOL, 2,4-DICHLORO-, O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE see: TF0350000
PHENOL, 2,4-DICHLORO-, O-ESTER with O-METHYL ISOPROPYLPHOSPHOROAMIDOTHIOATE see: TB5075000
PHENOL, 3,4-DICHLORO-, O-ESTER with O-METHYL METHYLPHOSPHORAMIDOTHIOATE see: TF0175000

SL0200000 PHENOL, 4,5-DICHLORO-2-METHOXY-
UPDT:8402 CAS: 2460-49-3 MW: 193.03 MOLFM: C7-H6-Cl2-O2
SYN: 4,5-DICHLOROGUAIACOL * 4,5-DICHLORO-2-METHOXYPHENOL
MUTATION DATA AND REFERENCES:
mmo-smc 50 mg/L MUREAV 119,273,83

SL0532000 PHENOL, 2-(2,4-DICHLOROPHENOXY)-4,5,6-TRICHLORO-
UPDT:8403 CAS: 53555-01-4 MW: 358.42 MOLFM: C12-H5-Cl5-O2
SYN: CIS-PREDIOXIN * 2-(2,4-DICHLOROPHENOXY)-4,5,6-TRICHLOROPHENOL * PHENOL, 6-(2,4-DICHLOROPHENOXY)-2,3,4-TRICHLORO- (9CI) * 4,5,6-TRICHLORO-2-(2,4-DICHLOROPHENOXY)PHENOL
MUTATION DATA AND REFERENCES:
slt-mus-ipr 140 umol/L MUREAV 46,202,77
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
PHENOL, 6-(2,4-DICHLOROPHENOXY)-2,3,4-TRICHLORO- (9CI) see: SL0532000

SL0537000 PHENOL, 2,4-DICHLORO-6-(3,4,5-TRICHLORO-2-PYRROLYL)-
UPDT:8307 CAS: 69640-38-6 MW: 331.40 MOLFM: C10-H4-Cl5-N-O

SYN: A15104 Y * 2,4-DICHLORO-6-(3,4,5-TRICHLORO-2-PYRROLYL)PHENOL

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:5330 ug/kg JANTAJ 32,79-117,79

SL0550000 PHENOL, 2,6-DIETHYL-

UPDT:8401 CAS: 1006-59-3 MW: 150.24 MOLFM: C10-H14-O

SYN: 2,6-DIETHYLPHENOL

TOXICITY DATA AND REFERENCES:

2F05F17 ipr-mus LD50:230 mg/kg JMPCAS 2,201,60

2F01F04 ivn-mus LD50:100 mg/kg JMCMAR 23,1350,80

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SL0551000 PHENOL, p-(p-(2-(DIETHYLAMINO)ETHOXY)-alpha,beta-DIMETHYLPHENETHYL)-, erythro-

UPDT:8403 CAS: 15624-00-7 MW: 341.54 MOLFM: C22-H31-N-O2

SYN: erythro-p-(p-(2-(DIETHYLAMINO)ETHOXY)-alpha,beta-DIMETHYLPHENETHYL)PHENOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22 scu-mus TDLo:24 mg/kg (1-3D preg) JPETAB 165,52,69

1T13 ivg-mus TDLo:120 ug/kg (1D pre) JPETAB 165,52,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL0551100 PHENOL, p-(p-(2-(DIETHYLAMINO)ETHOXY)-alpha,beta-DIMETHYLPHENETHYL)-, HYDROCHLORIDE, threo-

UPDT:8403 CAS: 15542-21-9 MW: 378.00 MOLFM: C22-H31-N-O2 .Cl-H

SYN: threo-p-(p-(2-(DIETHYLAMINO)ETHOXY)-alpha,beta-DIMETHYLPHENETHYL)PHENOL HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13 ivg-mus TDLo:2400 ug/kg (1D pre) JPETAB 165,52,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL0551200 PHENOL, p-(p-(2-(DIETHYLAMINO)ETHOXY)-alpha,beta-DIMETHYLSTYRYL)-

UPDT:8403 MW: 339.52 MOLFM: C22-H29-N-O2

SYN: p-(p-(2-(DIETHYLAMINO)ETHOXY)-alpha,beta-DIMETHYLSTYRYL)PHENOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13 ivg-mus TDLo:2 mg/kg (1D pre) JPETAB 165,52,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL0551300 PHENOL, p-(p-(2-(DIETHYLAMINO)ETHOXY)-alpha-METHYLPHENETHYL)-, CITRATE (1:1)

UPDT:8403 CAS: 15624-37-0 MW: 519.65 MOLFM: C21-H29-N-O2 .C6-H8-O7

SYN: p-(p-(2-(DIETHYLAMINO)ETHOXY)-alpha-METHYLPHENETHYL)PHENOL CITRATE (1:1)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13 ivg-mus TDLo:40 mg/kg (1D pre) JPETAB 165,52,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL0551400 PHENOL, p-(p-(2-(DIETHYLAMINO)ETHOXY)-beta-METHYLPHENETHYL)-, HYDROCHLORIDE

UPDT:8403 CAS: 15624-38-1 MW: 363.97 MOLFM: C21-H29-N-O2 .Cl-H

SYN: p-(p-(2-(DIETHYLAMINO)ETHOXY)-beta-METHYLPHENETHYL)PHENOL HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13 scu-mus TDLo:40 mg/kg (1D pre) JPETAB 165,52,69

1T13 ivg-mus TDLo:6 mg/kg (1D pre) JPETAB 165,52,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL0551500 PHENOL, p-(1-(p-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-2-(p-METHOXYPHENYL)-1-BUTENYL)-, HYDROCHLORIDE

UPDT:8403 CAS: 42576-23-8 MW: 482.11 MOLFM: C29-H35-N-O3 .Cl-H

SYN: p-(1-(p-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-2-(p-METHOXYPHENYL)-1-BUTENYL)PHENOL HYDROCHLORIDE * H-1285

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22 scu-mus TDLo:48 ug/kg (1-3D preg) JRPFA4 34,23,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL0551600 PHENOL, p-(2-(p-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-1-METHYLVINYL)-, HYDROCHLORIDE

UPDT:8403 MW: 361.95 MOLFM: C21-H27-N-O2 .Cl-H

SYN: p-(2-(p-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-1-METHYLVINYL)PHENOL HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13 ivg-mus TDLo:20 mg/kg (1D pre) JPETAB 165,52,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL0552000 PHENOL, p-((2-(DIETHYLAMINO)ETHYL)METHYLAMINO)-, METHYLCARBAMATE (ester), DIHYDROBROMIDE

UPDT:8312 MW: 442.28 MOLFM: C15-H26-N3-O2 .2Br-H

SYN: CARBAMIC ACID, METHYL-, p-((2-DIETHYLAMINOETHYL)-METHYLAMINO)PHENYL ESTER, DIHYDROBROMIDE * p-((2-(DIETHYLAMINO)ETHYL)METHYLAMINO)PHENOL METHYLCARBAMATE (ester) DIHYDROBROMIDE * N-METHYLURETHANE of DIHYDROBROMIDE of N-METHYL-N-beta-DIETHYLAMINOETHYL-4-AMINOPHENOL

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:16 mg/kg JCSOA9 -,182,47

PHENOL 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS-, (E)- see: WJ5600000

PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS-, BIS(DIHYDROGEN PHOSPHATE), (E)- see: WJ5680000

SL0560710 PHENOL, 4,4'-(1,2-DIETHYLETHYLENE)BIS(2-AMINO-

UPDT:8403 CAS: 66877-41-6 MW: 300.44 MOLFM: C18-H24-N2-O2

SYN: 4,4'-(1,2-DIETHYLETHYLENE)BIS(2-AMINOPHENOL)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13 scu-mus TDLo:12 mg/kg (3D pre) JMCMAR 26,1137,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL0560750 PHENOL, 4,4'-(1,2-DIETHYLETHYLENE)BIS(2-FLUORO-

UPDT:8403 CAS: 74536-61-1 MW: 306.38 MOLFM: C18-H20-F2-O2

SYN: meso-3,4-BIS(3-FLUORO-4-HYDROXYPHENYL)HEXANE * 4,4'-(1,2-DIETHYLETHYLENE)BIS(2-FLUOROPHENOL)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13 scu-mus TDLo:120 ug/kg (3D pre) JMCMAR 26,1137,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL0560780 PHENOL, 4,4'-(1,2-DIETHYLETHYLENE)BIS(3-FLUORO-

UPDT:8403 CAS: 85720-49-6 MW: 306.38 MOLFM: C18-H20-F2-O2

SYN: 4,4'-(1,2-DIETHYLETHYLENE)BIS(3-FLUOROPHENOL)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13 scu-mus TDLo:120 ug/kg (3D pre) JMCMAR 26,1137,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL0560800 PHENOL, 4,4'-(1,2-DIETHYLETHYLENE)DI-

UPDT:8412 MW: 270.40 MOLFM: C18-H22-O2

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22 orl-rat TDLo:250 ug/kg (5D pre) CHTPBA 4,1,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL0560820 PHENOL, 4,4'-(1,2-DIETHYLETHYLENE)DI-, (+-)-

UPDT:8403 CAS: 5776-72-7 MW: 270.40 MOLFM: C18-H22-O2

SYN: DL-DEA * (+-)-4,4'-(1,2-DIETHYLETHYLENE)DIPHENOL * DL-HEXOESTROL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22 scu-mus TDLo:1200 ug/kg (1-3D preg) JRPFA4 16,1,68

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL0560850 PHENOL, 4,4'-(1,2-DIETHYLETHYLENE)DI-, meso-

UPDT:8412 CAS: 84-16-2 MW: 270.40 MOLFM: C18-H22-O2

SYN: BIBENZYL, alpha,alpha'-DIETHYL-4,4'-DIHYDROXY- * meso-3,4-BIS(p-HYDROXYPHENYL)-n-HEXANE * 3,4-BIS(p-HYDROXYPHENYL)HEXANE * CYCLOESTROL * 4,4'-(1,2-DIETHYLETHYLENE)DIPHENOL * DIHYDRODIETHYLSTILBESTROL * DIHYDROSTILBESTROL * 4,4'-DIHYDROXY-alpha,beta-DIETHYLDIPHENYLETHANE * 4,4'-DIHYDROXY-gamma,delta-DIPHENYLHEXANE * gamma,delta-DI(p-HYDROXYPHENYL)-HEXANE * meso-3,4-DI(p-HYDROXYPHENYL)-n-HEXANE * EXTRA-PLEX * HEXANE, 3,4-BIS(p-HYDROXYPHENYL)- * HEXANOESTROL * HEXESTROL * meso-HEXESTROL * HEXOESTROL * HORMOESTROL * SINESTROL * STILBESTROL, DIHYDRO- * SYNESTROL * SYNTHOVO * SYNTROGENE * VITESTROL

MUTATION DATA AND REFERENCES:

dns-ham:emb 1 mg/L CNREA8 44,184,84

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T53T71 scu-rat TDLo:3 mg/kg (19-21D preg) BEXBAN 90,1597,80

1T13 unk-gpg TDLo:150 mg/kg (21W pre) BEXBAN 94,1713,82

TUMORIGENIC DATA AND REFERENCES:

2V01R60 scu-mus TDLo:74 mg/kg/56W-I VRDEA5 (6),46,62

2V02T63 ivg-mus TDLo:18 mg/kg/17W-I VOONAW 22(3),68,76

2V02R60 scu-gpg TDLo:74 mg/kg/69W-I VRDEA5 (6),46,62

2V03T64 imp-gpg TDLo:540 ug/kg BSBSAS 8,142,51

2V03M61 imp-ham TDLo:640 mg/kg/38W-I CNREA8 43,5200,83

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:200 mg/kg NIIRDN 6,743,82

* scu-rat LD50:1000 mg/kg NIIRDN 6,743,82

* orl-mus LD50:1000 mg/kg NIIRDN 6,743,82

* ipr-mus LD50:200 mg/kg NIIRDN 6,743,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHYLENEDIYL)BIS-, (Z)- (9CI) see: WJ5630000

PHENOL, 4,4'-(1,2-DIETHYLIDENE-1,2-ETHANEDIYL)BIS- (9CI) see: SL0580000

PHENOL, 4,4'-(1,2-DIETHYLIDENE-1,2-ETHANEDIYL)BIS-, (E,E)- (9CI) see: SL0582000

SL0562500 PHENOL, 4,4'-(1,2-DIETHYLIDENE-1,2-ETHANDIYL)BIS-, (Z,Z)-

UPDT:8403 CAS: 35495-11-5 MW: 266.36 MOLFM: C18-H18-O2

SYN: beta-DIENESTROL * cis,cis-DIENESTROL * ISODIENESTROL

MUTATION DATA AND REFERENCES:

otr-ham:emb 100 ug/L CNREA8 42,3040,82

dns-ham:emb 1 mg/L CNREA8 44,184,84

PHENOL, 4,4'-(1,2-DIETHYLIDENE-1,2-ETHANEDIYL)BIS-, DIACETATE (9CI) see: SL0590000

SL0580000 PHENOL, 4,4'-(DIETHYLIDENEETHYLENE)DI-

UPDT:8403 CAS: 84-17-3 MW: 266.36 MOLFM: C18-H18-O2

SYN: AGALDOG * 3,4-BIS(p-HYDROXYPHENYL)-2,4-HEXADIENE * 3,4-BIS(4-HYDROXYPHENYL)-2,4-HEXADIENE * CYCLADIENE * DEHYDROSTILBESTROL * DEHYDROSTILBOESTROL * DIENESTROL * DIENOESTROL * beta-DIENOESTROL * DIENOL * 4,4'-(1,2-DIETHYLIDENE-1,2-ETHANEDIYL)BISPHENOL * p,p'-(DIETHYLIDENEETHYLENE)DIPHENOL * 4,4'-(DIETHYLIDENEETHYLENE)DIPHENOL * DINOVEX * DI(p-OXYPHENYL)-2,4-HEXADIENE * DV * ESTRAGARD * ESTRODIENOL * ESTRORAL * FOLLIDIENE * FOLLORMON * GYNEFOLLIN * HORMOFEMIN * 4,4'-HYDROXY-gamma,delta-DIPHENYL-beta,delta-HEXADIENE * ISODIENESTROL * OESTRASID * OESTRODIENE * OESTRODIENOL * OESTRORAL * OESTROVIS * PARA-DIEN * PHENOL, 4,4'-(1,2-DIETHYLIDENE-1,2-ETHANEDIYL)BIS- (9CI) * RESTROL * RETALON * SEXADIEN * SYNESTROL * TESERENE * WILLNESTROL

MUTATION DATA AND REFERENCES:

sce-hmn:fbr 5 nmol/L NATUAS 281,392,79

dns-ham:emb 3 mg/L CNREA8 44,184,84

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:40 ug/kg (3D preg) JRPFA4 13,101,67

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 21,161,79

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 21,161,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL0582000 PHENOL, 4,4'-(DIETHYLIDENEETHYLENE)DI-, trans-, (E,E)-

UPDT:8402 CAS: 13029-44-2 MW: 266.36 MOLFM: C18-H18-O2

SYN: alpha-DIENESTROL * PHENOL, 4,4'-(1,2-DIETHYLIDENE-1,2-ETHANEDIYL)BIS-, (E,E)- (9CI)

TUMORIGENIC DATA AND REFERENCES:

2V03M61 imp-ham TDLo:640 mg/kg/38W-I CNREA8 43,5200,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL0590000 PHENOL, 4,4'-(DIETHYLIDENEETHYLENE)DI-, DIACETATE

UPDT:8305 CAS: 84-19-5 MW: 350.44 MOLFM: C22-H22-O4

SYN: DIENESTROL DIACETATE * DIENOESTROL DIACETATE * 4,4'-(1,2 DIETHYLIDENE-1,2-ETHANEDIYL)BIS(PHENOL) DIACETATE * 4,4'-(DIETHYLIDENEETHYLENE)DIPHENOL DIACETATE * FARMACYROL * LIPAMONE * PHENOL, 4,4'-(1,2-DIETHYLIDENE-1,2-ETHANEDIYL)BIS-, DIACETATE (9CI) * RETALON-ORAL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27 orl-rat TDLo:20 ug/kg (1-2D preg) APTSAI 26(Suppl 1),1,68

1T27 orl-mus TDLo:8 ug/kg (3-4D preg) APTSAI 26(Suppl 1),1,68

1T72 orl-mam TDLo:663 ug/kg (1-53D preg) AJVRAH 32,1599,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL0680000 PHENOL, p-(3,4-DIHYDRO-2,2-DIMETHYL-7-METHOXY-4-PHENYL-2H-1-BENZOPYRAN-3-YL)-, trans-

UPDT:8401 CAS: 84394-35-4 MW: 360.48 MOLFM: C24-H24-O3

SYN: trans-p-(3,4-DIHYDRO-2,2-DIMETHYL-7-METHOXY-4-PHENYL-2H-1-BENZOPYRAN-3-YL)PHENOL * p-(2,2-DIMETHYL-7-METHOXY-4-PHENYL-3-CHROMANYL)PHENOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:7 mg/kg (1-7D preg) JMCMAR 26,592,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL0750000 PHENOL, 2,6-DIIODO-4-NITRO-

UPDT:8403 CAS: 305-85-1 MW: 390.90 MOLFM: C6-H3-I2-N-O3

SYN: ANCYLOL * 2,6-DIIODO-4-NITROPHENOL * DIISOPHENOL * DISOFEN * DNP * DISOPHENOL

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:170 mg/kg MEIEDD 10,490,83

* ipr-rat LD50:105 mg/kg MEIEDD 10,490,83

* scu-rat LD50:122 mg/kg MEIEDD 10,490,83

* ivn-rat LD50:105 mg/kg MEIEDD 10,490,83

* orl-mus LD50:212 mg/kg MEIEDD 10,490,83

* ipr-mus LD50:107 mg/kg MEIEDD 10,490,83

* scu-mus LD50:110 mg/kg MEIEDD 10,490,83

* ivn-mus LD50:88 mg/kg MEIEDD 10,490,83

par-mam LDLo:36 mg/kg FAZMAE 17,108,73

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL0810000 PHENOL, 2,6-DIISOPROPYL-

UPDT:8401 CAS: 2078-54-8 MW: 178.30 MOLFM: C12-H18-O

SYN: 2,6-DIISOPROPYLPHENOL

TOXICITY DATA AND REFERENCES:

2F05F17 ipr-mus LD50:170 mg/kg JMPCAS 2,201,60

3F01F05F29 ivn-mus LD50:50 mg/kg JMCMAR 23,1350,80
3F01F04F18 ivn-rbt LDLo:20 mg/kg JMCMAR 23,1350,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PHENOL, 3,5-DIISOPROPYL-, METHYLCARBAMATE see: FB9800000

PHENOL, DIMETHYL- see: ZE5425000

SL1120000 PHENOL, p-(DIMETHYLAMINO)-
UPDT:8405 CAS: 619-60-3 MW: 137.20 MOLFM: C8-H11-N-O
SYN: DIMETHYLAMINOPHENOL * p-(DIMETHYLAMINO)PHENOL * 4-(DIMETHYLAMINO)PHENOL * PHENOL, 4-(DIMETHYLAMINO)-
MUTATION DATA AND REFERENCES:
msc-ham:lng 2500 ug/L TOLED5 16,85,83

PHENOL, 4-(DIMETHYLAMINO)- see: SL1120000

SL1155000 PHENOL, p-(p-(2-(DIMETHYLAMINO)ETHOXY)-alpha,beta-DIMETHYLPHENETHYL)-, erythro-
UPDT:8403 CAS: 15515-42-1 MW: 313.48 MOLFM: C20-H27-N-O2
SYN: erythro-p-(p-(2-(DIMETHYLAMINO)ETHOXY)-alpha,beta-DIMETHYLPHENETHYL)PHENOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:120 mg/kg (1-3D preg) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL1156000 PHENOL, p-(p-(2-(DIMETHYLAMINO)ETHOXY)-alpha,beta-DIMETHYLSTYRYL)-
UPDT:8403 MW: 311.46 MOLFM: C20-H25-N-O2
SYN: p-(p-(2-(DIMETHYLAMINO)ETHOXY)-alpha,beta-DIMETHYLSTYRYL)PHENOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:360 ug/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL1160000 PHENOL, p-(7-(2-(DIMETHYLAMINO)ETHOXY)-11-ETHYLDIBENZO(b,f)THIEPIN-10-YL)-, compd. with ETHYL ACETATE (5:1)
UPDT:8401 CAS: 85850-74-4 MW: 435.18 MOLFM: C26-H27-N-O2-S .1/5C4-H8-O2
SYN: 3-(2-(DIMETHYLAMINO)ETHOXY)-10-ETHYL-11-(4-HYDROXYPHENYL)DIBENZO(b,f)THIEPIN ETHYL ACETATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:500 ug/kg (4D preg) JMCMAR 26,1131,83
1T13 orl-rat TDLo:300 ug/kg (3D pre) JMCMAR 26,1131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL1161000 PHENOL, p-(3-(2-(DIMETHYLAMINO)ETHOXY)-11-ETHYL-6H-DIBENZO(b,f)THIOCIN-12-YL)-, HYDRATE (4:1)
UPDT:8401 CAS: 85850-81-3 MW: 436.09 MOLFM: C27-H29-N-O2-S .1/4H2-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:500 ug/kg (4D preg) JMCMAR 26,1131,83
1T13 orl-rat TDLo:3 mg/kg (3D pre) JMCMAR 26,1131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL1162000 PHENOL, p-(7-(2-(DIMETHYLAMINO)ETHOXY)-11-ETHYLDIBENZ(b,f)OXEPIN-10-YL)-
UPDT:8401 CAS: 85850-80-2 MW: 401.54 MOLFM: C26-H27-N-O3
SYN: p-(7-(2-(DIMETHYLAMINO)ETHOXY)-11-ETHYLDIBENZ(b,f)OXEPIN-10-YL)PHENOL * 3-(2-(DIMETHYLAMINO)ETHOXY)-10-ETHYL-11-(4-HYDROXYPHENYL)DIBENZ(b,f)OXEPIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:10 mg/kg (4D preg) JMCMAR 26,1131,83
1T13 orl-rat TDLo:3 mg/kg (3D pre) JMCMAR 26,1131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL1163000 PHENOL, p-(8-(2-(DIMETHYLAMINO)ETHOXY)-12-ETHYL-5,6-DIHYDRODIBENZO(a,e)CYCLOOCTEN-11-YL)-
UPDT:8401 CAS: 85850-75-5 MW: 413.60 MOLFM: C28-H31-N-O2
SYN: p-(8-(2-(DIMETHYLAMINO)ETHOXY)-12-ETHYL-5,6-DIHYDRODIBENZO(a,e)CYCLOOCTEN-11-YL)PHENOL * 3-(2-(DIMETHYLAMINO)ETHOXY)-11-ETHYL-12-(4-HYDROXYPHENYL)-5,6-DIHYDRODIBENZO(a,e)CYCLOOCTENE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-rat TDLo:300 ug/kg (3D pre) JMCMAR 26,1131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL1210000 PHENOL, 4-(1-(4-(2-(DIMETHYLAMINO)ETHOXY)PHENYL)-2-PHENYL-1-BUTENYL)-, (E)-
UPDT:8401 CAS: 68047-06-3 MW: 387.56 MOLFM: C26-H29-N-O2
SYN: trans-4-(1-(4-(2-(DIMETHYLAMINO)ETHOXY)PHENYL)-2-PHENYL-1-BUTENYL)PHENOL * HYDROXYTAMOXIFEN * 4-HYDROXYTAMOXIFEN * ICI 79,280
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:50 ug/kg (4D preg) CTRRDO 64,741,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL1225000 PHENOL, p-(2-(DIMETHYLAMINO)ETHYL)-, HYDROCHLORIDE
UPDT:8403 CAS: 6027-23-2 MW: 201.72 MOLFM: C10-H15-N-O .Cl-H
SYN: ANHALINE HYDROCHLORIDE * p-(2-DIMETHYLAMINOETHYL)PHENOL HYDROCHLORIDE * N,N-DIMETHYLTYRAMINE HYDROCHLORIDE * EREMURSINE HYDROCHLORIDE * HORDENINE HYDROCHLORIDE * p-HORDENINE HYDROCHLORIDE * p-HYDROXY-N,N-DIMETHYLPHENETHYLAMINE HYDROCHLORIDE * PEYOCACTINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:114 mg/kg MEIEDD 10,687,83

SL1875000 PHENOL, 3-(DIMETHYLAMINO)-4-ISOPROPYL-, METHYLCARBAMATE (ester). MONOHYDROCHLORIDE
UPDT:8312 CAS: 24996-51-8 MW: 272.81 MOLFM: C13-H20-N2-O2 .Cl-H
SYN: CARBAMIC ACID, METHYL-, 3-(DIMETHYLAMINO)-4-ISOPROPYLPHENYL ESTER, HYDROCHLORIDE * 3-(DIMETHYLAMINO)-4-ISOPROPYLPHENOL METHYLCARBAMATE (ester) HYDROCHLORIDE * N-METHYLURETHANE of HYDROCHLORIDE of 3-DIMETHYLAMINO-4-ISOPROPYLPHENOL
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:70 mg/kg JCSOA9 -,182,47

SL1942400 PHENOL, o-(alpha,alpha-DIMETHYLBENZYL)-
UPDT:8311 CAS: 18168-40-6 MW: 212.31 MOLFM: C15-H16-O
SYN: o-(alpha,alpha-DIMETHYLBENZYL)PHENOL
TOXICITY DATA AND REFERENCES:
* orl-frg LD50:585 mg/kg GTPZAB 12(12),44,68

SL1942450 PHENOL, p-(alpha,alpha-DIMETHYLBENZYL)-
UPDT:8401 CAS: 599-64-4 MW: 212.31 MOLFM: C15-H16-O
SYN: p-CUMYLPHENOL * p-(alpha-CUMYL)PHENOL * p-(alpha,alpha-DIMETHYLBENZYL)PHENOL * 4-(DIMETHYLPHENYLMETHYL)PHENOL * 4-HYDROXYDIPHENYLDIMETHYLMETHANE * PHENOL, 4-(1-METHYL-1-PHENETHYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-frg LD50:335 mg/kg GTPZAB 12(12),44,68
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PHENOL, 4,4'-(1,2-DIMETHYL-1,2-ETHANEDIYL)BIS-, (R-(R*,S*))- (9CI) see: SL1944800

PHENOL, 4,4'-(1,2-DIMETHYL-1,2-ETHENEDIYL)BIS-, (E)- (9CI) see: WJ5850000

PHENOL, 4-(1,1-DIMETHYLETHYL)- see: SJ8925000

SL1944720 PHENOL, 4,4'-(1,2-DIMETHYLETHYLENE)DI-, (-)-
UPDT:8403 CAS: 17808-24-1 MW: 242.34 MOLFM: C16-H18-O2
SYN: L-alpha,alpha'-DIMETHYL-4,4'-DIHYDROXYBIBENZYL * (-)-4,4'-(1,2-DIMETHYLETHYLENE)DIPHENOL * L-DMA
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:60 mg/kg (1-3D preg) JRPFA4 16,1,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL1944750 PHENOL, 4,4'-(1,2-DIMETHYLETHYLENE)DI-, (+)-
UPDT:8403 CAS: 15542-16-2 MW: 242.34 MOLFM: C16-H18-O2
SYN: D-alpha,alpha'-DIMETHYL-4,4'-DIHYDROXYBIBENZYL * (+)-4,4'-(1,2-DIMETHYLETHYLENE)DIPHENOL * D-DMA
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:60 mg/kg (1-3D preg) JRPFA4 16,1,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL1944770 PHENOL, 4,4'-(1,2-DIMETHYLETHYLENE)DI-, (+-)-
UPDT:8403 CAS: 5776-76-1 MW: 242.34 MOLFM: C16-H18-O2
SYN: DL-alpha,alpha'-DIMETHYL-4,4'-DIHYDROXYBIBENZYL * (+-)-4,4'-(1,2-DIMETHYLETHYLENE)DIPHENOL * DL-DMA
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:12 mg/kg (1-3D preg) JRPFA4 16,1,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL1944800 PHENOL, 4,4'-(1,2-DIMETHYLETHYLENE)DI-, meso-
UPDT:8403 CAS: 2962-14-3 MW: 242.34 MOLFM: C16-H18-O2
SYN: meso-BUTESTROL * meso-BUTOESTROL * meso-alpha,alpha'-DIMETHYL-4,4'-DIHYDROXYBIBENZYL * meso-4,4'-(1,2-DIMETHYLETHYLENE)DIPHENOL * meso-DMA * PHENOL, 4,4'-(1,2-DIMETHYL-1,2-ETHANEDIYL)BIS-, (R-(R*,S*))- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:120 ug/kg (4-6D preg) JRPFA4 9,277,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL1945000 PHENOL, (1,1-DIMETHYLETHYL)-4-METHOXY-
UPDT:8412 CAS: 25013-16-5 MW: 180.27 MOLFM: C11-H16-O2
SYN: ANTRANCINE 12 * BHA * BUTYLATED HYDROXYANISOLE * BUTYLHYDROXYANISOLE * tert-BUTYLHYDROXYANISOLE * tert-BUTYL-4-HYDROXYANISOLE * 2(3)-tert-BUTYL-4-HYDROXYANISOLE * EMBANOX * NIPANTIOX 1-F * SUSTANE * PREMERGE PLUS * SUSTANE 1-F * VERTAC * TENOX BHA
MUTATION DATA AND REFERENCES:
mmo-omi 12500 ug/L FMLED7 14,183,82
sce-ham:fbr 100 umol/L JNCIAM 58,1635,77
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 orl-rat TDLo:30 gm/kg (2W male/2W pre-2W post) NTOTDY 3,321,81
1T76 orl-rat TDLo:36 gm/kg (2W male/2W pre-3W post) NTOTDY 3,321,81
1T85 orl-mus TDLo:12600 mg/kg (1-21D preg) FEPRA7 31,596,72
TUMORIGENIC DATA AND REFERENCES:
2V01K60 orl-rat TDLo:728 gm/kg/2Y-C GANNA2 73,332,82
2V03J60 ipr-mus TDLo:1200 mg/kg/8W-I CNREA8 33,3069,73
2V02K60 orl-ham TDLo:202 gm/kg/24W-C GANNA2 74,459,83
2V01K60 orl-rat TD :874 gm/kg/2Y-C GANNA2 73,332,82
2V03K60 orl-rat TD :182 gm/kg/2Y-C GANNA2 73,332,82
2V03K60 orl-rat TD :218 gm/kg/2Y-C GANNA2 73,332,82
3V01M60V05 orl-rat TD :269 gm/kg/32W-C CRNGDP 4,895,83
2V01K60 orl-rat TD :876 gm/kg/2Y-C JJIND8 70,343,80
2V02K60 orl-ham TD :403 gm/kg/24W-C GANNA2 74,459,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2200 mg/kg AFREAW 3,197,51
orl-mus LD50:2000 mg/kg AFREAW 3,197,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL1945400 PHENOL, (1,1-DIMETHYLETHYL)METHYL-
UPDT:8303 CAS: 29759-28-2 MW: 164.27 MOLFM: C11-H16-O
SYN: tert-BUTYLCRESOL * 2-tert-BUTYLCRESOL * tert-BUTYLHYDROXYTOLUENE * tert-BUTYLMETHYLPHENOL
TOXICITY DATA AND REFERENCES:
* orl-mam LD50:1900 mg/kg GISAAA 45(10),16,80
* skn-mam LD50:1680 mg/kg GISAAA 45(10),16,80

PHENOL, 6-(1,1-DIMETHYLETHYL)-3-METHYL-2,4-DINITRO-, ACETATE (ESTER) (9CI) see: AF7175000

SL1970000 PHENOL, 4-(4,4-DIMETHYL-3-HYDROXY-1-PENTENYL)-2-METHOXY-
UPDT:8407 CAS: 58344-42-6 MW: 236.34 MOLFM: C14-H20-O3
SYN: 4-(4,4-DIMETHYL-3-HYDROXY-1-PENTENYL)-2-METHOXYPHENOL
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
eye-rbt 750 ug open SEV AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1800 mg/kg EJMCA5 13,41,78

SL1995500 PHENOL, p-(2,2-DIMETHYL-7-METHOXY-4-PHENYL-2H-1-BENZOPYRAN-3-YL)-
UPDT:8401 CAS: 84394-22-9 MW: 358.46 MOLFM: C24-H22-O3
SYN: p-(2,2-DIMETHYL-7-METHOXY-4-PHENYL-2H-1-BENZOPYRAN-3-YL)PHENOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:70 mg/kg (1-7D preg) JMCMAR 26,592,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENOL, 3,4-DIMETHYL-, METHYLCARBAMATE (9CI) see: FC8750000

SL1998000 PHENOL, p,p'-DIMETHYLMETHYLENEBIS-, DIGLYCIDYL ETHER
UPDT:8307 MW: 340.45 MOLFM: C21-H24-O4
SYN: p,p'-DIMETHYLMETHYLENEDIPHENOL DIGLYCIDYL ETHER
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8140 mg/kg AMIHBC 4,119,51

PHENOL, 4,4'-DIMETHYLMETHYLENEDI- see: SL6300000

SL2236000 PHENOL, p-(alpha,beta-DIMETHYL-p-(2-PIPERIDINOETHOXY)PHENETHYL)-, erythro-
UPDT:8403 CAS: 15515-47-6 MW: 353.55 MOLFM: C23-H31-N-O2
SYN: erythro-p-(alpha,beta-DIMETHYL-p-(2-PIPERIDINOETHOXY)PHENETHYL)PHENOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:40 mg/kg (1-3D preg) JPETAB 165,52,69
1T13 ivg-mus TDLo:240 ug/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL2237000 PHENOL, p-(alpha,beta-DIMETHYL-p-(2-PIPERIDINOETHOXY)STYRYL)-
UPDT:8403 MW: 351.53 MOLFM: C23-H29-N-O2
SYN: p-(alpha,beta-DIMETHYL-p-(2-PIPERIDINOETHOXY)STYRYL)PHENOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:240 ug/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL2261000 PHENOL, 3-(1,3-DIMETHYL-4-PROPYL-4-PIPERIDINYL)-, HYDROCHLORIDE, trans-(+-)-
UPDT:8403 CAS: 79201-85-7 MW: 283.88 MOLFM: C16-H25-N-O .Cl-H
SYN: (+-)-3-(1,3-DIMETHYL-4-PROPYL-4-PIPERIDINYL)PHENOL HYDROCHLORIDE * trans-(+-)-3-(1,3-alpha-DIMETHYL-4-alpha-PROPYL-4-beta-PIPERIDINYL)PHENOL HYDROCHLORIDE * LY150720 * PICENADOL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:887 mg/kg TOLED5 18(Suppl 1),143,83

*	scu-rat LD50:333 mg/kg	TOLED5 18(Suppl 1),143,83
*	ivn-rat LD50:67 mg/kg	TOLED5 18(Suppl 1),143,83
*	orl-mus LD50:305 mg/kg	TOLED5 18(Suppl 1),143,83
*	scu-mus LD50:172 mg/kg	TOLED5 18(Suppl 1),143,83
*	ivn-mus LD50:65 mg/kg	TOLED5 18(Suppl 1),143,83
3D16F11J26	ims-dog LD50:80 mg/kg	TOLED5 18(Suppl 1),143,83
3D16F11J26	ims-cat LD50:40 mg/kg	TOLED5 18(Suppl 1),143,83

SL2320000 PHENOL, p-(alpha,beta-DIMETHYL-p-(2-(1-PYRROLIDINYL)ETHOXY)PHENETHYL)-, erythro-
UPDT:8403 CAS: 15622-17-0 MW: 339.52 MOLFM: C22-H29-N-O2
SYN: erythro-p-(alpha,beta-DIMETHYL-p-(2-(1-PYRROLIDINYL)ETHOXY)PHENETHYL)PHENOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-mus TDLo:60 mg/kg (1-3D preg)	JPETAB 165,52,69
1T13	ivg-mus TDLo:80 ug/kg (1D pre)	JPETAB 165,52,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL2330000 PHENOL, p-(alpha,beta-DIMETHYL-p-(2-(1-PYRROLIDINYL)ETHOXY)STYRYL)-
UPDT:8403 MW: 337.50 MOLFM: C22-H27-N-O2
SYN: p-(alpha,beta-DIMETHYL-p-(2-(1-PYRROLIDINYL)ETHOXY)STYRYL)PHENOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	ivg-mus TDLo:480 ug/kg (1D pre)	JPETAB 165,52,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL2355000 PHENOL, p-(3,3-DIMETHYLTRIAZENO)-
UPDT:8406 CAS: 7227-93-2 MW: 165.22 MOLFM: C8-H11-N3-O
SYN: p-(3,3-DIMETHYLTRIAZENO)PHENOL * 1-(4-HYDROXYPHENYL)-3,3-DIMETHYLTRIAZINE * PHENOL, 4-(3,3-DIMETHYL-1-TRIAZENYL)- (9CI)

MUTATION DATA AND REFERENCES:

	sln-dmg-orl 600 umol/L	CBINA8 9,365,74
	mrc-smc 2500 umol/L	CBINA8 9,365,74

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

PHENOL, 4-(3,3-DIMETHYL-1-TRIAZENYL)- (9CI) see: SL2355000

SL2625000 PHENOL, DINITRO-
UPDT:8312 CAS: 25550-58-7 MW: 184.12 MOLFM: C6-H4-N2-O5
SYN: DINITROPHENOL * DINITROPHENOL, dry or containing, by weight, less than 15% water (DOT) * DINITROPHENOL SOLUTION (DOT) * UN 0076 (DOT) * UN 1599 (DOT)

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:30 mg/kg	28ZEAL 4,198,69
	orl-dog LDLo:30 mg/kg	JPETAB 49,187,33
	scu-rbt LDLo:30 mg/kg	JPETAB 49,187,33

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FORBIDDEN	CFRGBR 49,172.101,82
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A AND POISON (dry)	CFRGBR 49,172.102,83
★ DOT-IMO:POISON B; LABEL:FLAMMABLE LIQUID AND POISON (solution)	CFRGBR 49,172.102,83

SL2626000 PHENOL, DINITRO-, ion(1-)
UPDT:8312 MW: 183.11 MOLFM: C6-H3-N2-O5
SYN: DINITROPHENOL ANION * DINITROPHENOLATES * DINITROPHENOLATES, wetted with, by weight, at least 15% water (DOT) * DINITROPHENOXIDE * DINITROPHENYLATE * UN 1321 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID AND POISON	CFRGBR 49,172.102,83

SL2627000 PHENOL, DINITRO-, wetted with at least 15% water
UPDT:8312 CAS: 25550-58-7 MW: 184.12 MOLFM: C6-H4-N2-O5
SYN: DINITROPHENOL, wetted with, by weight, at least 15% water (DOT) * UN 1320 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID	CFRGBR 49,172.102,83

PHENOL, alpha-DINITRO- see: SL2800000
PHENOL, gamma-DINITRO- see: SL2900000

SL2700000 PHENOL, 2,3-DINITRO-
UPDT:8403 CAS: 66-56-8 MW: 184.12 MOLFM: C6-H4-N2-O5
SYN: 2,3-DINITROPHENOL

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:190 mg/kg	JPPMAB 11,462,59
*	ipr-mus LD50:200 mg/kg	JPPMAB 11,462,59
*	ipr-dog LDLo:1000 mg/kg	JPPMAB 11,462,59

SL2800000 PHENOL, 2,4-DINITRO-
UPDT:8412 CAS: 51-28-5 MW: 184.12 MOLFM: C6-H4-N2-O5
SYN: ALDIFEN * CHEMOX PE * 2,4-DINITROFENOL (Dutch) * DINITROFENOLO (Italian) * alpha-DINITROPHENOL * 2,4-DINITROPHENOL * 2,4-DNP * FENOXYL CARBON N * 1-HYDROXY-2,4-DINITROBENZENE * MAROXOL-50 * NITRO KLEENUP * NSC 1532 * PHENOL, alpha-DINITRO- * RCRA WASTE NUMPER P048 * SOLFO BLACK B * SOLFO BLACK BB * SOLFO BLACK 2B SUPRA * SOLFO BLACK G * SOLFO BLACK SB * TERTROSULPHUR BLACK PB * TERTROSULPHUR PBR

IRRITATION DATA AND REFERENCES:

	skn-rbt 300 mg/4W-I MLD	JIHTAB 30,10,48

MUTATION DATA AND REFERENCES:

	mmo-esc 200 ppm/3H	AMNTA4 85,119,51
	oms-ofs:oth 100 umol/L	AEEXAH (3),279,72
	cyt-mus-ipr 10 gm/kg	IJMRAQ 59,1442,71

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T71T76	orl-rat TDLo:2040 mg/kg (8D pre-21D post)	PSEBAA 32,678,35
1T34	ipr-mus TDLo:40800 ug/kg (10-12D preg)	FCTXAV 11,31,73

TOXICITY DATA AND REFERENCES:

	orl-hmn LDLo:4300 ug/kg	JAMAAP 101,1333,33
	orl-rat LD50:30 mg/kg	TXAPA9 21,315,72
	ipr-rat LD50:20 mg/kg	JPPMAB 17,814,65
	scu-rat LD50:25 mg/kg	JPETAB 49,187,33
	orl-mus LD50:45 mg/kg	FATOAO 28,493,65
	ipr-mus LD50:26 mg/kg	BCPCA6 18,1389,69
	orl-dog LDLo:30 mg/kg	JPETAB 49,187,33
*	ihl-dog LCLo:300 mg/m3/30M	85GMAT -,62,82
	scu-dog LDLo:20 mg/kg	JPETAB 49,187,33
	ivn-dog LDLo:15 mg/kg	JPETAB 49,187,33
	orl-rbt LD50:30 mg/kg	FATOAO 28,493,65
	scu-rbt LDLo:20 mg/kg	JPETAB 49,187,33
	orl-gpg LD50:81 mg/kg	FATOAO 28,493,65
	skn-gpg LDLo:700 mg/kg	JIHTAB 30,10,48
	scu-gpg LDLo:25 mg/kg	AEPPAE 192,331,39
	ims-pgn LDLo:7500 ug/kg	JPETAB 49,187,33
	unk-mam LD50:40 mg/kg	30ZDA9 -,97,71
	orl-bwd LD50:13 mg/kg	TXAPA9 21,315,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 1(1),93,71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL2900000 PHENOL, 2,5-DINITRO-
UPDT:8403 CAS: 329-71-5 MW: 184.12 MOLFM: C6-H4-N2-O5
SYN: gamma-DINITROPHENOL * 2,5-DINITROPHENOL * 2,5-DNP * PHENOL, gamma-DINITRO-

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:150 mg/kg	JPPMAB 11,462,59
*	ipr-mus LD50:273 mg/kg	JPPMAB 11,462,59
*	ipr-dog LDLo:100 mg/kg	JPPMAB 11,462,59

SL2975000 PHENOL, 2,6-DINITRO-
UPDT:8403 CAS: 573-56-8 MW: 184.12 MOLFM: C6-H4-N2-O5
SYN: beta-DINITROPHENOL * 2,6-DINITROPHENOL

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:38 mg/kg	JPPMAB 11,462,59
*	ipr-mus LD50:45 mg/kg	JPPMAB 11,462,59
*	ipr-dog LDLo:50 mg/kg	JPPMAB 11,462,59
	ims-pgn LDLo:40 mg/kg	JPETAB 49,187,33

SL3000000 PHENOL, 3,4-DINITRO-
UPDT:8403 CAS: 577-71-9 MW: 184.12 MOLFM: C6-H4-N2-O5
SYN: 3,4-DINITROPHENOL

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:98 mg/kg	JPPMAB 11,462,59
*	ipr-mus LD50:112 mg/kg	JPPMAB 11,462,59
*	ipr-dog LDLo:500 mg/kg	JPPMAB 11,462,59

SL3050000 PHENOL, 3,5-DINITRO-
UPDT:8403 CAS: 586-11-8 MW: 184.12 MOLFM: C6-H4-N2-O5
SYN: 3,5-DINITROPHENOL

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:45 mg/kg	JPPMAB 11,462,59
*	ipr-mus LD50:50 mg/kg	JPPMAB 11,462,59
*	ipr-dog LDLo:500 mg/kg	JPPMAB 11,462,59

SL3500000 PHENOL, DI-t-PENTYL-
UPDT:8305 CAS: 25231-47-4 MW: 234.42 MOLFM: C16-H26-O
SYN: DI-tert-AMYLPHENOL * PHENOL, 2,4-DI-tert-AMYL- * PRODOX 156

IRRITATION DATA AND REFERENCES:

	eye-rbt 100 mg MOD	IHFCAY 6,1,67

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:330 mg/kg	IHFCAY 6,1,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL3500420 PHENOL, p-(2,4-DIPHENYL-3-FURYL)-
UPDT:8403 CAS: 54756-50-2 MW: 312.38 MOLFM: C22-H16-O2
SYN: p-(2,4-DIPHENYL-3-FURYL)PHENOL * 2,4-DIPHENYL-3-(p-HYDROXYPHENYL)FURAN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:50 mg/kg (1-5D preg)	IJOCAP 12,1144,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL3500450 PHENOL, p-(3,4-DIPHENYL-2-FURYL)-
UPDT:8403 CAS: 54756-49-9 MW: 312.38 MOLFM: C22-H16-O2
SYN: p-(3,4-DIPHENYL-2-FURYL)PHENOL * 3,4-DIPHENYL-2-(p-HYDROXYPHENYL)FURAN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:250 mg/kg (1-5D preg)	IJOCAP 12,1144,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL3500480 PHENOL, p-(4,5-DIPHENYL-3-FURYL)-
UPDT:8403 CAS: 54756-51-3 MW: 312.38 MOLFM: C22-H16-O2
SYN: p-(4,5-DIPHENYL-3-FURYL)PHENOL * 2,3-DIPHENYL-4-(p-HYDROXYPHENYL)FURAN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:10 mg/kg (1-5D preg)	IJOCAP 12,1144,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL3500500 PHENOL, 2,6-DIPROPYL-
UPDT:8307 CAS: 6626-32-0 MW: 178.30 MOLFM: C12-H18-O
SYN: 2,6-DIPROPYLPHENOL

TOXICITY DATA AND REFERENCES:

1F04	ivn-mus LD50:100 mg/kg	JMCMAR 23,1350,80

SL3675000 PHENOL, DODECYL-, mixed isomers
UPDT:8403 CAS: 27193-86-8 MW: 262.48 MOLFM: C18-H30-O
SYN: DODECYLPHENOL (mixed isomers) * T-DET

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2140 mg/kg	AIHAAP 23,95,62
1R10	skr-rbt LD50:5000 mg/kg	AIHAAP 23,95,62

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PHENOL (DOT) see: SJ3325000
PHENOL, liquid or solution (liquid tar acid containing over 50% PHENOL) (DOT) see: SJ3325000
PHENOL, molten (DOT) see: SJ3325000
PHENOLE (German) see: SJ3325000
PHENOL, 4-ETHENYL- (9CI) see: SN3800000
PHENOL, 4-ETHENYL-2-METHOXY- (9CI) see: SL8205000

SL4025000 PHENOL, o-ETHYL-
UPDT:8408 CAS: 90-00-6 MW: 122.18 MOLFM: C8-H10-O
SYN: o-ETHYLPHENOL * 2-ETHYLPHENOL * PHLOROL

TUMORIGENIC DATA AND REFERENCES:

2V02R60	skn-mus TDLo:3100 mg/kg/12W-I	CNREA8 19,413,59

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:600 mg/kg	PHARAT 30,147,75
*	ipr-mus LD50:172 mg/kg	JMCMAR 18,868,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL4375000 PHENOL, (2-ETHYLHEXYL)-
UPDT:8407 CAS: 1331-54-0 MW: 206.36 MOLFM: C14-H22-O
SYN: 2-ETHYLHEXYLPHENOL

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open SEV	AMIHBC 10,61,54
	eye-rbt 50 ug open SEV	AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2460 mg/kg	AMIHBC 10,61,54
*	skn-rbt LD50:2520 mg/kg	AMIHBC 10,61,54

SL4375900 PHENOL, 4,4'-(1-ETHYL-2-METHYLETHYLENE)DI-, erythro-
UPDT:8403 CAS: 20576-52-7 MW: 256.37 MOLFM: C17-H20-O2
SYN: erythro-ETHYL-alpha'-METHYL-4,4'-DIHYDROXYBIBENZYL * erythro-4,4'-(1-ETHYL-2-METHYLETHYLENE)DIPHENOL * erythro-MEA

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-mus TDLo:96 ug/kg (1-3D preg)	JRPFA4 9,277,65
1T29	par-mus TDLo:120 ug/kg (1-3D preg)	JRPFA4 20,247,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL4375910 PHENOL, 4,4'-(1-ETHYL-2-METHYLETHYLENE)DI-, threo-
UPDT:8403 CAS: 20576-53-8 MW: 256.37 MOLFM: C17-H20-O2
SYN: threo-4,4'-(1-ETHYL-2-METHYLETHYLENE)DIPHENOL * threo-MEA

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-mus TDLo:6 mg/kg (1-3D preg)	JRPFA4 9,277,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL4400000 PHENOL, m-(3-ETHYL-1-METHYL-3-PYRROLIDINYL)-
UPDT:8310 CAS: 2151-43-1 MW: 205.33 MOLFM: C13-H19-N-O
SYN: 3-ETHYL-3-(m-HYDROXYPHENYL)-1-METHYLPYRROLIDINE * m-(3-ETHYL-1-METHYL-3-PYRROLIDINYL)PHENOL * PYRROLIDINE, 3-ETHYL-3-(m-HYDROXYPHENYL)-1-METHYL-
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:65 mg/kg JMCMAR 15,930,72

SL4410000 PHENOL, 2-ETHYL-4-NITRO-
UPDT:8403 MW: 167.18 MOLFM: C8-H9-N-O3
SYN: 2-ETHYL-4-NITROPHENOL
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:430 mg/kg PHARAT 32,171,77

SL4450000 PHENOL, p-((p-ETHYLPHENYL)AZO)-
UPDT:8401 CAS: 2497-34-9 MW: 226.30 MOLFM: C14-H14-N2-O
SYN: 4'-ETHYL-4-HYDROXYAZOBENZENE
TUMORIGENIC DATA AND REFERENCES:
2V03P62 orl-rat TDLo:9780 mg/kg/43W-C ARZNAD 12,270,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENOL, 4-(1-ETHYL-2-(4-(PHENYLMETHOXY)PHENYL)-1-BUTENYL)-, (E)- (9CI) see: WJ6968000

SL4505000 PHENOL, 3-(1-ETHYLPROPYL)-, METHYLNITROSOCARBAMATE, mixed with 3-(1-METHYLBUTYL)PHENYL METHYLNITROSOCARBAMATE
UPDT:8401 CAS: 62573-59-5
SYN: NITROSO-BUX-TEN
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:660 mg/kg/10W-I IARCCD 19,495,78
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL4507000 PHENOL, m-(4-(ETHYLSULFONYL)-1-METHYL-4-PIPERIDYL)-, ACETATE, HYDROCHLORIDE
UPDT:8312 MW: 361.92 MOLFM: C16-H23-N-O4-S .Cl-H
SYN: m-(4-(ETHYLSULFONYL)-1-METHYL-4-PIPERIDYL)PHENOL ACETATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:1600 mg/kg APFRAD 12,241,54

SL4530000 PHENOL, o-FLUORO-
UPDT:8408 CAS: 367-12-4 MW: 112.11 MOLFM: C6-H5-F-O
SYN: o-FLUOROPHENOL * 2-FLUOROPHENOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:537 mg/kg JMCMAR 18,868,75

SL4550000 PHENOL, p-FLUORO-
UPDT:8408 CAS: 371-41-5 MW: 112.11 MOLFM: C6-H5-F-O
SYN: 4-FLUOROPHENOL
TUMORIGENIC DATA AND REFERENCES:
2V01R60 skn-mus TDLo:10 gm/kg/25W-I CNREA8 19,413,59
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:312 mg/kg JMCMAR 18,868,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL4585000 PHENOL, p-(m-FLUORO-alpha-PHENYLSTYRYL)-
UPDT:8302 MW: 290.35 MOLFM: C20-H15-F-O
SYN: p-(m-FLUORO-alpha-PHENYLSTYRYL)PHENOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:500 mg/kg (10D male) AIPTAK 151,475,64
1T13 scu-rat TDLo:3 mg/kg (3D pre) AIPTAK 151,475,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL4585100 PHENOL, p-(o-FLUORO-alpha-PHENYLSTYRYL)-
UPDT:8302 MW: 290.35 MOLFM: C20-H15-F-O
SYN: p-(o-FLUORO-alpha-PHENYLSTYRYL)PHENOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:500 mg/kg (10D male) AIPTAK 151,475,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL4585200 PHENOL, p-(p-FLUORO-alpha-PHENYLSTYRYL)-
UPDT:8302 MW: 290.35 MOLFM: C20-H15-F-O
SYN: p-(p-FLUORO-alpha-PHENYLSTYRYL)PHENOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:500 mg/kg (10D male) AIPTAK 151,475,64
1T13 scu-rat TDLo:3 mg/kg (3D pre) AIPTAK 151,475,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENOL-GLYCERINAETHER (German) see: TZ1050000
PHENOL GLYCEROL ETHER see: TZ1050000
PHENOL GLYCERYL ETHER see: TZ1050000
PHENOL-GLYCIDAETHER (German) see: TZ3675000
PHENOL GLYCIDYL ETHER see: TZ3675000
PHENOL, HEXAHYDRO- see: GV7875000
PHENOL, m-HYDROXY- see: VG9625000

SL5079000 PHENOL, 2-(((2-HYDROXYETHYL)AMINO)METHYL)-4-NITRO-
UPDT:8408 CAS: 61361-60-2 MW: 212.23 MOLFM: C9-H12-N2-O4
SYN: N-(2-HYDROXYETHYL)AMINOMETHYL-4-HYDROXYNITROBENZENE * 2-(((2-HYDROXYETHYL)AMINO)METHYL)-4-NITROPHENOL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:23 mg/kg IJMRAQ 66,987,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL5090000 PHENOL, 4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-, (S)-
UPDT:8405 CAS: 57526-81-5 MW: 225.32 MOLFM: C12-H19-N-O3
SYN: CGP 7760B * H 133/22 * (S)-4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENOL * PRENALTEROL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T47T75 unk-rbt TDLo:84 mg/kg (15-18D preg) TJADAB 24(2),44A,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENOL, 4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-2,3,6-TRIMETHYL-, 1-ACETATE (9CI) see: UB6500000

SL5400000 PHENOL, m-(IMIDAZO(2,1-a)ISOQUINOLIN-2-YL)-
UPDT:8403 MW: 260.31 MOLFM: C17-H12-N2-O
SYN: 2-(3-HYDROXYPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE * m-(IMIDAZO(2,1-a)ISOQUINOLIN-2-YL)PHENOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-ham TDLo:5 mg/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL5430000 PHENOL, m-(N-(2-IMIDAZOLIN-2-YLMETHYL)-p-TOLUIDINO)-, MONOMETHANESULFONATE (SALT)
UPDT:8310 CAS: 65-28-1 MW: 377.50 MOLFM: C17-H19-N3-O .C-H4-O3-S
SYN: PHENTOLAMINE MESILATE * PHENTOLAMINE MESYLATE * PHENTOLAMINE METHANESULFONATE * PHENTOLAMINE METHANESULPHONATE * REGITINE MESYLATE * REGITINE METHANESULFONATE * REGITIN METHANESULPHONATE
TOXICITY DATA AND REFERENCES:
* scu-rat LDLo:275 mg/kg NIIRDN 6,667,82
* ivn-rat LDLo:75 mg/kg NIIRDN 6,667,82
* scu-rbt LDLo:200 mg/kg NIIRDN 6,667,82
* ivn-rbt LDLo:35 mg/kg NIIRDN 6,667,82

SL5600000 PHENOL, p-IODO
UPDT:8408 CAS: 540-38-5 MW: 220.01 MOLFM: C6-H5-I-O
SYN: p-IODOPHENOL * 4-IODOPHENOL
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:7200 mg/kg/18W-I CNREA8 19,413,59
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:700 mg/kg JPMSAE 67,1154,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENOL, 4-IODO-5-METHYL-2-(1-METHYLETHYL)- (9CI) see: XP2670000
PHENOL, o-ISOPROPOXY-, METHYLCARBAMATE see: FC3150000

SL5900000 PHENOL, o-ISOPROPYL-
UPDT:8305 CAS: 88-69-7 MW: 136.21 MOLFM: C9-H12-O
SYN: o-ISOPROPYLPHENOL * 2-ISOPROPYLPHENOL * PHENOL, 2-(1-METHYLETHYL)- (9CI) * PRODOX 131
TOXICITY DATA AND REFERENCES:
1F04 ivn-mus LD50:100 mg/kg JMCMAR 23,1350,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SL5950000 PHENOL, p-ISOPROPYL-
UPDT:8305 CAS: 99-89-8 MW: 136.21 MOLFM: C9-H12-O
SYN: AUSTRALOL * p-CUMENOL * p-ISOPROPYLPHENOL * 4-ISOPROPYLPHENOL * 4-(1-METHYLETHYL)PHENOL * PHENOL, 4-(1-METHYLETHYL)- * PRODOX 133
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:250 mg/kg CBCCT* 5,339,53
* orl-mus LD50:875 mg/kg GISAAA 46(1),94,81
1F04 ivn-mus LD50:40 mg/kg JMCMAR 23,1350,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SL6300000 PHENOL, 4,4'-ISOPROPYLIDENEDI-
UPDT:8412 CAS: 80-05-7 MW: 228.31 MOLFM: C15-H16-O2
SYN: BISFEROL A (Czech) * 2,2-BIS-4'-HYDROXYFENYLPROPAN (Czech) * BIS(4-HYDROXYPHENYL)DIMETHYLMETHANE * BIS(4-HYDROXYPHENYL)PROPANE * 2,2-BIS(p-HYDROXYPHENYL)PROPANE * 2,2-BIS(4-HYDROXYPHENYL)PROPANE * BISPHENOL * BISPHENOL A * 4,4'-BISPHENOL A * DIAN * p,p'-DIHYDROXYDIPHENYLDIMETHYLMETHANE * 4,4'-DIHYDROXYDIPHENYLDIMETHYLMETHANE * p,p'-DIHYDROXYDIPHENYLPROPANE * 2,2-(4,4'-DIHYDROXYDIPHENYL)PROPANE * 4,4'-DIHYDROXYDIPHENYLPROPANE * 4,4'-DIHYDROXYDIPHENYL-2,2-PROPANE * 4,4'-DIHYDROXY-2,2-DIPHENYLPROPANE * DIMETHYLMETHYLENE-p,p'-DIPHENOL * beta-DI-p-HYDROXYPHENYLPROPANE * 2,2-DI(4-HYDROXYPHENYL)PROPANE * DIMETHYL BIS(p-HYDROXYPHENYL)METHANE * DIPHENYLOLPROPANE * 2,2-DI(4-PHENYLOL)PROPANE * p,p'-ISOPROPYLIDENEBISPHENOL * 4,4'-ISOPROPYLIDENEBISPHENOL * p,p'-ISOPROPYLIDENEDIPHENOL * NCI-C50635 * PHENOL, 4,4'-DIMETHYLMETHYLENEDI- * PROPANE, 2,2-BIS(p-HYDROXYPHENYL)-
IRRITATION DATA AND REFERENCES:
skn-rbt 250 mg open MLD UCDS** 7/14/65
eye-rbt 20 mg/24H SEV 28ZPAK -,58,72
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 ipr-rat TDLo:1275 mg/kg (1-15D preg) SWEHDO 7(Suppl 4),66,81
1T34 ipr-rat TDLo:1275 mg/kg (1-15D preg) APTOD9 19,A23,80
2T26T24 ipr-rat TDLo:1875 mg/kg (1-15D preg) APTOD9 19,A23,80
3T26T34T41 ipr-rat TDLo:1275 mg/kg (1-15D preg) SWEHDO 7(Suppl 4),66,81
2T25T50 ipr-rat TDLo:1875 mg/kg (1-15D preg) SWEHDO 7(Suppl 4),66,81
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3250 mg/kg AIHAAP 28,301,67
orl-mus LD50:2500 mg/kg AIHAAP 28,301,67
ipr-mus LD50:150 mg/kg NTIS** AD691-490
orl-rbt LD50:2230 mg/kg AIHAAP 28,301,67
skn-rbt LD50:3000 mg/kg AMIHBC 4,119,51
orl-mam LD50:6500 mg/kg 34ZIAG -,135,69
STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE, RAT (NTPTR* NTP-TR-215,82)
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 333
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL6310000 PHENOL, 4,4'-ISOPROPYLIDENEDI-, DIMER with 1-CHLORO-2,3-EPOXYPROPANE
UPDT:8401 CAS: 25068-38-6 MW: 641.68 MOLFM: C30-H32-O4 C6-H10-Cl2-O2
SYN: E1001 * EPIKOTE 1001
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate NATUAS 276,391,78
mma-sat 2100 nmol/plate NATUAS 276,391,78
mmo-esc 20 umol/L ARTODN 46,277,80
dnd-esc 1 umol/L ARTODN 46,277,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

SL6321000 PHENOL, 4,4'-ISOPROPYLIDENEDI-, MONOMER with 1-CHLORO-2,3-EPOXYPROPANE
UPDT:8401 CAS: 25068-38-6 MW: 320.84 MOLFM: C15-H16-O2 C3-H5-Cl-O
SYN: E 828 * EPIKOTE 828
MUTATION DATA AND REFERENCES:
mmo-sat 500 nmol/plate NATUAS 276,391,78
mma-sat 1350 nmol/plate NATUAS 276,391,78
mmo-esc 1 umol/L GTPZAB 26(1),43,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

SL6475000 PHENOL, 4,4'-ISOPROPYLIDENEDI-, polymer with 1-CHLORO-2,3-EPOXYPROPANE
UPDT:8401 CAS: 25068-38-6 MOLFM: (C15-H16-O2 .C3-H5-Cl-O)x
SYN: EPON 828 * EPIDIAN 5
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MLD AMIHAB 17,129,58
skn-gpg 2750 mg/55D-I AITEAT 23,155,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T27T31T35 skn-gpg TDLo:6111 mg/kg (10-66D preg) AITEAT 23,155,75
TOXICITY DATA AND REFERENCES:
orl-rat LD50:11400 mg/kg AMIHAB 17,129,58
2F07K17 ipr-rat LD50:2400 mg/kg AMIHAB 17,129,58
orl-mus LD50:15600 mg/kg AMIHAB 17,129,58
2F07K17 ipr-mus LD50:4000 mg/kg AMIHAB 17,129,58
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0779-0292
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL6480000 PHENOL, 4,4'-ISOPROPYLIDENEDI-, TETRAMER with 1-CHLORO-2,3-EPOXYPROPANE
UPDT:8401 CAS: 25068-38-6 MW: 1283.36 MOLFM: C60-H64-O8 .C12-H20-Cl4-O4
SYN: E 1004 * EPIKOTE 1004
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate NATUAS 276,391,78
dnd-esc 1 umol/L ARTODN 46,277,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

SL7175000 PHENOL, 2-ISOPROPYL-4-METHYL-
UPDT:8401 CAS: 4427-56-9 MW: 150.24 MOLFM: C10-H14-O
SYN: 2-ISOPROPYL-4-METHYLPHENOL
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:3840 mg/kg/12W-I CNREA8 19,413,59
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PHENOL, 2-ISOPROPYL-5-METHYL- see: XP2275000
PHENOL, 5-ISOPROPYL-2-METHYL- see: FI1225000
PHENOL, m-ISOPROPYL-, METHYLCARBAMATE see: FB7875000
PHENOL, O-ISOPROPYL-, METHYLCARBAMATE see: FB7880000

SL7445000 PHENOL, p-(3-MERCAPTO-as-TRIAZIN-5-YL)-
UPDT:8305 MW: 205.25 MOLFM: C9-H7-N3-O-S
SYN: p-(3-MERCAPTO-as-TRIAZIN-5-YL)PHENOL
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:250 mg/kg AIPTAK 95,123,53

SL7524000 PHENOL, m-METHOXY-
UPDT:8405 CAS: 150-19-6 MW: 124.15 MOLFM: C7-H8-O2
SYN: m-GUAIACOL * m-HYDROXYANISOLE * 3-HYDROXYANISOLE * m-METHOXYPHENOL * 3-METHOXYPHENOL * PHENOL, 3-METHOXY- (9CI) * RESORCINOL METHYL ETHER * RESORCINOL MONOMETHYL ETHER
IRRITATION DATA AND REFERENCES:
eye-rbt 5% SEV JAPMA8 46,185,57
TOXICITY DATA AND REFERENCES:
3F07F11F19 ipr-mus LD50:320 mg/kg JAPMA8 46,185,57
* orl-mam LD50:597 mg/kg GISAAA 45(10),16,80
* skn-mam LD50:682 mg/kg GISAAA 45(10),16,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SL7525000 PHENOL, o-METHOXY-
UPDT:8411 CAS: 90-05-1 MW: 124.15 MOLFM: C7-H8-O2
SYN: GUAIACOL * GUAICOL * o-HYDROXYANISOLE * 2-HYDROXYANISOLE * 1-HYDROXY-2-METHOXYBENZENE * o-METHOXYPHENOL * 2-METHOXYPHENOL * PYROGUAIAC ACID * METHYLCATECHOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTOD7 20(Suppl),697,82
eye-rbt 5 mg MLD FCTOD7 20(Suppl),697,82
MUTATION DATA AND REFERENCES:
mmo-rat 400 uL/plate BECTA6 24,590,80
TOXICITY DATA AND REFERENCES:
orl-rat LD50:725 mg/kg TXAPA9 6,378,64
* scu-rat LDLo:900 mg/kg FCTOD7 20(Suppl),697,82
* orl-mus LD50:890 mg/kg KSGZA3 36,932,82
* ihl-mus LC50:7570 mg/m3 FCTOD7 20(Suppl),697,82
* ivn-mus LD50:170 mg/kg FCTOD7 20(Suppl),697,82
* orl-cat LDLo:1500 mg/kg FCTOD7 20(Suppl),697,82
* skn-rbt LD50:4600 mg/kg FCTOD7 20(Suppl),697,82
* scu-rbt LDLo:1250 mg/kg FCTOD7 20(Suppl),697,82
* scu-gpg LDLo:900 mg/kg FCTOD7 20(Suppl),697,82
* scu-pgn LDLo:400 mg/kg FCTOD7 20(Suppl),697,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

SL7700000 PHENOL, p-METHOXY-
UPDT:8408 CAS: 150-76-5 MW: 124.15 MOLFM: C7-H8-O2
SYN: HYDROQUINONE MONOMETHYL ETHER * MEQUINOL * p-METHOXYPHENOL * 4-METHOXYPHENOL * MME * MONO METHYL ETHER HYDROQUINONE * USAF AN-7
IRRITATION DATA AND REFERENCES:
skn-rbt 6 gm/12D-I MLD JIHTAB 31,79,49
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1600 mg/kg JIHTAB 31,79,49
ipr-rat LD50:725 mg/kg JIHTAB 31,79,49
ipr-mus LD50:250 mg/kg NTIS** AD691-490
ipr-rbt LD50:970 mg/kg JIHTAB 31,79,49
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg/m3 DTLVS* 4,259,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0979-0311
E 828 see: SL6321000
PHENOL, 3-METHOXY- (9CI) see: SL7524000

SL7760000 PHENOL, 3-METHOXY-4-(3-METHYL-2-BUTENYL)-5-(2-PHENYLETHENYL)-, (E)-
UPDT:8308 CAS: 64125-60-6 MW: 294.42 MOLFM: C20-H22-O2
SYN: LONGISTYLIN C
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:259 mg/kg 85GDA2 8(2),392,82

SL7805000 PHENOL, 5-METHOXY-2-NITROSO-
UPDT:8401 CAS: 13895-38-0 MW: 153.15 MOLFM: C7-H7-N-O3
SYN: 3-METHOXY-6-NITROSOPHENOL * 5-METHOXY-2-NITROSOPHENOL * 4-NITROSORESORCINOL-1-MONOMETHYL ETHER
MUTATION DATA AND REFERENCES:
dnr-bcs 10 mmol/L JNSVA5 25,317,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SL7842100 PHENOL, o-(4-(m-METHOXYPHENYL)-3H-1,5-BENZODIAZEPIN-2-YL)-
UPDT:8312 MW: 342.42 MOLFM: C22-H18-N2-O2
SYN: o-(4-(m-METHOXYPHENYL)-3H-1,5-BENZODIAZEPIN-2-YL)PHENOL
TOXICITY DATA AND REFERENCES:
2F02F05 ipr-mus LDLo:200 mg/kg ARZNAD 32,1512,82

SL7842200 PHENOL, o-(4-(o-METHOXYPHENYL)-3H-1,5-BENZODIAZEPIN-2-YL)-
UPDT:8312 MW: 342.42 MOLFM: C22-H18-N2-O2
SYN: o-(4-(o-METHOXYPHENYL)-3H-1,5-BENZODIAZEPIN-2-YL)PHENOL
TOXICITY DATA AND REFERENCES:
2F02F05 ipr-mus LDLo:200 mg/kg ARZNAD 32,1512,82

SL7843000 PHENOL, 4-(6-METHOXY-2-PHENYLBENZO(b)THIEN-3-YL)-
UPDT:8403 CAS: 21382-73-0 MW: 332.43 MOLFM: C21-H16-O2-S
SYN: 6-METHOXY-3-(p-HYDROXYPHENYL)-2-PHENYLBENZO(b)THIOPHENE * 4-(6-METHOXY-2-PHENYLBENZO(b)THIEN-3-YL)PHENOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-mus TDLo:450 mg/kg (4D pre/1-5D preg) JMCMAR 14,1185,71
1T13 orl-mus TDLo:120 mg/kg (3D pre) JMCMAR 14,1185,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL7845000 PHENOL, p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)-
UPDT:8303 MW: 328.43 MOLFM: C23-H20-O2
SYN: 6-METHOXY-1-(p-HYDROXYPHENYL)-2-PHENYL-3,4-DIHYDRONAPHTHALENE * p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:875 ug/kg (1D pre/1-6D preg) JMCMAR 9,172,66
1T13 orl-rat TDLo:28 ug/kg (7D pre) JMCMAR 9,172,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL7875000 PHENOL, 2-METHOXY-4-PROPENYL-
UPDT:8405 CAS: 97-54-1 MW: 164.22 MOLFM: C10-H12-O2
SYN: 1-HYDROXY-2-METHOXY-4-PROPENYLBENZENE * 4-HYDROXY-3-METHOXY-1-PROPENYLBENZENE * ISOEUGENOL * 2-METHOXY-4-PROPENYLPHENOL * NCI-C60979 * 4-PROPENYLGUAIACOL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1560 mg/kg TXAPA9 6,378,64
2F07F24 orl-gpg LD50:1410 mg/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SL7876000 PHENOL, 2-METHOXY-4-PROPENYL-, (E)-
UPDT:8305 CAS: 5932-68-3 MW: 164.22 MOLFM: C10-H12-O2
SYN: trans-ISOEUGENOL * trans-2-METHOXY-4-PROPENYLPHENOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:540 mg/kg FCTXAV 13,815,75

SL7877000 PHENOL, 2-METHOXY-4-PROPENYL-, (Z)-
UPDT:8305 CAS: 5912-86-7 MW: 164.22 MOLFM: C10-H12-O2
SYN: cis-ISOEUGENOL * cis-2-METHOXY-4-PROPENYLPHENOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:365 mg/kg FCTXAV 13,815,75

SL7940000 PHENOL, 2-METHOXY-4-PROPENYL-, ACETATE
UPDT:8305 CAS: 93-29-8 MW: 206.26 MOLFM: C12-H14-O3
SYN: ACETISOEUGENOL * 4-ACETOXY-3-METHOXY-1-PROPENYLBENZENE * ACETYLISOEUGENOL * ISOEUGENOL, ACETATE * ISOEUGENYL ACETATE * 2-METHOXY-4-PROPENYLPHENYL ACETATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3450 mg/kg FCTXAV 13,819,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SL8050000 PHENOL, 2-METHOXY-4-PROPYL-
UPDT:8305 CAS: 2785-87-7 MW: 166.24 MOLFM: C10-H14-O2
SYN: CERULIGNOL * COERULIGNOL * DIHYDROEUGENOL * GUAIACYLPROPANE * 4-HYDROXY-3-METHOXYPROPYLBENZENE * 2-METHOXY-4-PROPYLPHENOL * p-PROPYLGUAIACOL * p-n-PROPYLGUAIACOL * 4-PROPYLGUAIACOL * 1-PROPYL-3-METHOXY-4-HYDROXYBENZENE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),671,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2600 mg/kg FCTOD7 20(Suppl),671,82
* orl-mus LD50:2 gm/kg FCTOD7 20(Suppl),671,82
ipr-mus LD50:150 mg/kg NTIS** AD691-490
* skn-rbt LD50:310 mg/kg FCTOD7 20(Suppl),671,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SL8205000 PHENOL, 2-METHOXY-4-VINYL-
UPDT:8402 CAS: 7786-61-0 MW: 150.19 MOLFM: C9-H10-O2
SYN: 4-HYDROXY-3-METHOXYSTYRENE * 2-METHOXY-4-VINYLPHENOL * PHENOL, 4-ETHENYL-2-METHOXY- (9CI) * p-VINYLGUAIACOL * 4-VINYLGUAIACOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T13T29 orl-mam TDLo:1400 mg/kg (7D pre) SCIEAS 195,575,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PHENOL, METHYL- (9CI) see: GO5950000
PHENOL, 2-METHYL- (9CI) see: GO6300000
PHENOL, 3-METHYL- (9CI) see: GO6125000
PHENOL, 4-METHYL- (9CI) see: GO6475000

SL8350000 PHENOL, m-(alpha-METHYLAMINOPHENETHYL)-, MONOHYDROCHLORIDE
UPDT:8406 MW: 263.79 MOLFM: C15-H17-N-O .Cl-H
SYN: m-(alpha-METHYLAMINOPHENETHYL)PHENOL HYDROCHLORIDE * 3-(alpha-METHYLAMINOPHENETHYL)PHENOL HYDROCHLORIDE * N-METHYL-1-(3-HYDROXYPHENYL)-2-PHENYLETHYLAMINE HYDROCHLORIDE * WIN 6703
TOXICITY DATA AND REFERENCES:
2F12J30 orl-rat LD50:1830 mg/kg AIPTAK 88,482,52
2F12J30 ivn-rat LD50:54 mg/kg AIPTAK 88,482,52
2F12J30 orl-mus LD50:460 mg/kg AIPTAK 88,482,52
3F04F11F12 scu-mus LDLo:443 mg/kg JAPMA8 39,354,50
2F12J30 ivn-mus LD50:46 mg/kg AIPTAK 88,482,52

SL8700200 PHENOL, o-(alpha-METHYLBENZYL)-
UPDT:8401 CAS: 4237-44-2 MW: 198.28 MOLFM: C14-H14-O
SYN: o-(alpha-METHYLBENZYL)PHENOL * 2-(alpha-METHYLBENZYL)PHENOL * PHENOL, 2-(1-PHENYLETHYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-frg LD50:126 mg/kg GTPZAB 12(12),44,68
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SL8700300 PHENOL, p-(alpha-METHYLBENZYL)-
UPDT:8401 CAS: 1988-89-2 MW: 198.28 MOLFM: C14-H14-O
SYN: p-(alpha-METHYLBENZYL)PHENOL * 4-(alpha-METHYLBENZYL)PHENOL * PHENOL, 4-(1-PHENYLETHYL)- * 4-(PHENYLETHYLIDENE)PHENOL * 4-(1-PHENYLETHYL)PHENOL
TOXICITY DATA AND REFERENCES:
* orl-frg LD50:330 mg/kg GTPZAB 12(12),44,68
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
PHENOL, m-(1-METHYLBUTYL)-, METHYLCARBAMATE see: FC3500000
PHENOL, 2-METHYLDINITRO- (9CI) see: GO9450000
PHENOL, 2-METHYL-4,6-DINITRO- (9CI) see: GO9625000
PHENOL, 2-METHYLDINITRO-, SODIUM SALT (9CI) see: GP1049000

SL9800000 PHENOL, 2,2'-METHYLENEBIS(6-tert-BUTYL-4-ETHYL-
UPDT:8305 CAS: 88-24-4 MW: 368.61 MOLFM: C25-H36-O2
SYN: ANTIOXIDANT 425 * BIS(2-HYDROXY-3-tert-BUTYL-5-ETHYLPHENYL)METHANE * 2,2'-METHYLENEBIS(6-tert-BUTYL-4-ETHYLPHENOL) * 2,2'-METHYLENEBIS(4-ETHYL-6-tert-BUTYLPHENOL) * PLASTANOX 425 ANTIOXIDANT * USAF CY-6
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:1250 mg/kg (1-22D preg) AJANA2 110,29,62
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:50 mg/kg NTIS** AD277-689
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SM0175000 PHENOL, 2,2'-METHYLENEBIS(4-CHLORO-
UPDT:8408 CAS: 97-23-4 MW: 269.13 MOLFM: C13-H10-Cl2-O2

SYN: ANTHIPHEN * ANTIPHEN * BIS(5-CHLOR-2-HYDROXYPHENYL)-METHAN (German) * BIS(5-CHLORO-2-HYDROXYPHENYL)METHANE * BIS-2-HYDROXY-5-CHLORFENYLMETHAN (Czech) * BIS(2-HYDROXY-5-CHLOROPHENYL)METHANE * DDDM * DDM * DICESTAL * DICHLOORFEEN (Dutch) * 5,5'-DICHLORO-2,2'-DIHYDROXYDIPHENYLMETHANE * Di-(5-CHLORO-2-HYDROXYPHENYL)METHANE * DICHLOROFEN (Czech) * DICHLOROPHEN * DICHLOROPHEN B * DICHLOROPHENE * DICHLORPHEN * DIDROXAN * DIDROXANE * 2,2'-DIHYDROXY-5,5'-DICHLORODIPHENYLMETHANE * DIPHENTHANE 70 * G 4 * GH * HYOSAN * KORIUM * O,O-METHYLEEN-BIS(4-CHLOOPFENOL) (Dutch) * 2,2'-METHYLENEBIS(4-CHLOROPHENOL) * O,O-METILEN-BIS(4-CLORO-FENOLO) (Italian) * PANACIDE * PARABIS * PLATH-LYSE * PREVENTAL * PREVENTOL * PREVENTOL GD * PREVENTOL GDC * TAENIATOL * TENIATHANE * TENIATOL * WESPURIL

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MLD	28ZPAK -,82,72
	eye-rbt 50 ug/24H SEV	28ZPAK -,82,72

MUTATION DATA AND REFERENCES:

	mmo-sat 50 nmol/plate	MUREAV 90,91,81

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2690 mg/kg	28ZPAK -,82,72
	ivn-rat LD50:17 mg/kg	CRTXB2 2,445,74
	orl-mus LD50:1000 mg/kg	SHELL* 20,173,69
	orl-dog LD50:2000 mg/kg	PCOC** -,361,66
	orl-gpg LD50:1250 mg/kg	28ZEAL 5,75,76

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SM0350000 PHENOL, 2,2'-METHYLENEBIS(4,6-DICHLORO-

UPDT:8307 CAS: 1940-43-8 MW: 338.01 MOLFM: C13-H8-Cl4-O2

SYN: 2,2'-METHYLENEBIS(4,6-DICHLOROPHENOL) * TETRACHLOROPHENE

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:860 mg/kg	JSCCA5 20,173,69

SM0700000 PHENOL, 2,2'-METHYLENEBIS(3,4,6-TRICHLORO-

UPDT:8412 CAS: 70-30-4 MW: 406.89 MOLFM: C13-H6-Cl6-O2

SYN: ACIGENA * ALMEDERM * AT 7 * AT-17 * B32 * BILEVON * BIS(2-HYDROXY-3,5,6-TRICHLOROPHENYL)METHANE * BIS-2,3,5-TRICHLOR-6-HYDROXYFENYLMETHAN (Czech) * BIS(3,5,6-TRICHLORO-2-HYDROXYPHENYL)METHANE * COMPOUND G-11 * COTOFILM * DERMADEX * 2,2'-DIHYDROXY-3,3',5,5',6,6'-HEXACHLORODIPHENYLMETHANE * 2,2'-DIHYDROXY-3,5,6,3',5',6'-HEXACHLORODIPHENYLMETHANE * EXOFENE * FOMAC * FOSTRIL * G-11 * G-II * GAMOPHEN * GAMOPHENE * G-ELEVEN * GERMA-MEDICA * HCP * HEXABALM * 2,2',3,3',5,5'-HEXACHLORO-6,6'-DIHYDROXYDIPHENYLMETHANE * HEXACHLOROFEN (Czech) * HEXACHLOROPHANE * HEXACHLOROPHEN * HEXACHLOROPHENE * HEXACHLOROPHENE (DOT) * HEXAFEN * HEXIDE * HEXOPHENE * HEXOSAN * ISOBAC 20 * METHANE, BIS(2,3,5-TRICHLORO-6-HYDROXYPHENYL) * 2,2'-METHYLENEBIS(3,4,6-TRICHLOROPHENOL) * NABAC * NABAC 25 EC * NCI-C02653 * NEOSEPT V * PHISODAN * PHISOHEX * RCRA WASTE NUMBER U132 * RITOSEPT * SEPTISOL * SEPTOFEN * STERAL * STERASKIN * SURGI-CEN * SURGI-CIN * SUROFENE * TRICHLOROPHENE * TERSASEPTIC * TURGEX * UN 2875 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-hmn 3 mg/3D-I MLD	85DKA8 -,127,77
	skn-hmn 50 ug/24H MLD	JSCCA5 25,113,74
	eye-dog 3 mg/24H	AAOPAF 53,817,55
	skn-rbt 30 ug open MLD	JSCCA5 25,113,74
	skn-rbt 1250 ug/24H MLD	JSCCA5 25,113,74
	eye-rbt 1500 mg/24H	AAOPAF 53,817,55
	skn-gpg 30 ug open MLD	JSCCA5 25,113,74
	skn-gpg 1250 ug/24H MLD	JSCCA5 25,113,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T71T75T76	orl-rat TDLo:435 mg/kg (15-22D preg/21D post)	FCTXAV 14,421,76
1T81	orl-rat TDLo:137 mg/kg (14W male/14W pre-3W post)	JAFCAU 23,866,75
1T43	orl-rat TDLo:50 mg/kg (7-8D preg)	TJADAB 5,264,72
1T01	orl-rat TDLo:315 mg/kg (63D male)	TOLED5 5,405,80
3T41T42T53	ivg-rat TDLo:80 mg/kg (8-11D preg)	AEHLAU 28,43,74
2T25T34	ivg-rat TDLo:300 mg/kg (8-11D preg)	AEHLAU 28,43,74
2T34T43	skn-mus TDLo:3150 ug/kg (1-21D preg)	GISAAA 47(10),26,82
2T25T59	skn-mus TDLo:31500 ug/kg (1-21D preg)	GISAAA 47(10),26,82
2T25T26	scu-mus TDLo:75 mg/kg (7-12D preg)	PPASAK 49,110,75
1T01	orl-dog TDLo:189 mg/kg (63D male)	TOLED5 5,405,80

TUMORIGENIC DATA AND REFERENCES:

2V03R60	skn-mus TDLo:8400 mg/kg/21W-I	CNREA8 19,413,59

TOXICITY DATA AND REFERENCES:

3K13K12H03	orl-inf TDLo:257 mg/kg/7D-I	AJDCAI 111,333,66
	orl-chd LDLo:250 mg/kg	MJAUAJ 1,737,63
2G01K13	orl-wmn TDLo:600 mg/kg	JAMAAP 181,587,62
*	orl-rat LD50:60 mg/kg	FCTXAV 11,635,73
*	skn-rat LD50:1840 mg/kg	GISAAA 47(10),26,82
	ipr-rat LD50:22 mg/kg	TXAPA9 24,239,73
	scu-rat LD50:14700 mg/kg	26UZAB 6,245,68
	ivn-rat LD50:7500 ug/kg	TXAPA9 25,332,73
	orl-mus LD50:67 mg/kg	CMJOAP 82,691,63
*	skn-mus LD50:270 mg/kg	GISAAA 47(10),26,82
	ipr-mus LDLo:10 mg/kg	TXCYAC 5,159,75
	orl-dog LDLo:40 mg/kg	VEARA6 35,35,65
	ivn-dog LDLo:5 mg/kg	SURGAZ 24,542,48
*	orl-rbt LD50:40690 ug/kg	TJADAB 20,413,79
	ivn-rbt LD50:8500 ug/kg	JSCCA5 20,173,69
*	orl-gpg LD50:60 mg/kg	NIIRDN 6,742,82
*	skn-gpg LD50:1100 mg/kg	GISAAA 47(10),26,82
*	ipr-gpg LDLo:25 mg/kg	AIPTAK 163,210,66
	orl-dom LD50:30 mg/kg	ANYAA9 320,426,79

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: JCFCBR 13(11-12),439,73; AEHLAU 23,119,71; AEHLAU 23,119,71; JACHDX 1,263,75; PLMJAP 5(1),100,74; PRTODI 1,56,73; ANYAA9 320,426,78

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 20,241,79

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;RAT (NCITR* NCI-CG-TR-40,78)

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SM0750000 PHENOL, 2,2'-METHYLENEBIS(3,4,6-TRICHLORO-, SODIUM SALT

UPDT:8209 CAS: 5736-15-2 MW: 428.87 MOLFM: C13-H5-Cl6-O2 .Na

SYN: HEXACHLOROPHENE * ISOBAC 20 * MONOSODIUM SALT of 2,2'-METHYLENE BIS(3,4,6-TRICHLOROPHENOL) * SERIBAK

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:560 mg/kg	FMCHA2 -,C133,83
*	orl-qal LD50:575 mg/kg	FMCHA2 -,C133,83
*	orl-dck LD50:1450 mg/kg	FMCHA2 -,C133,83

SM0890000 PHENOL, 3,4-(METHYLENEDIOXY)-

UPDT:8401 CAS: 533-31-3 MW: 138.13 MOLFM: C7-H6-O3

SYN: METHYLENE ETHER of OXYHYDROQUINONE * SESAMOL

TUMORIGENIC DATA AND REFERENCES:

3V03J60K60	orl-rat TDLo:4608 mg/kg/82W-C	JAFCAU 6,600,58

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENOL, 2-(1-METHYLETHYL)- (9CI) see: SL5900000

PHENOL, 4-(1-METHYLETHYL)- see: SL5950000

PHENOL, 2-(1-METHYLHEPTYL)-4,6-DINITRO-, CROTONATE (ester) see: GQ5775000

PHENOL, 2-METHYL-5-(1-METHYLETHYL)- (9CI) see: FI1225000

PHENOL, 3-METHYL-, MONOCHLORO deriv. (9CI) see: GO7092000

PHENOL, 4-(1-METHYL-1-PHENETHYL)- (9CI) see: SL1942450

SM1140500 PHENOL, p-(5-(5-(4-METHYL-1-PIPERAZINYL)-2-BENZIMIDAZOLYL)-2-BENZIMIDAZOLYL)-, TRIHYDROCHLORIDE

UPDT:8311 CAS: 23491-45-4 MW: 533.93 MOLFM: C25-H24-N6-O .3Cl-H

SYN: HOE 33258 * 33258 HOECHST * HOECHST 33258 * HOECHST DYE 33258 * PHENOL, 4-(5-(4-METHYL-1-PIPERAZINYL)(2,5'-BI-1H-BENZIMIDAZOL)-2'-YL)-, TRIHYDROCHLORIDE

MUTATION DATA AND REFERENCES:

	mmo-sat 100 umol/L	AMACCQ 9,77,76
	dnd-esc 10 mg/L	MUREAV 89,95,81
	dnd-omi 2 umol/L	CHROAU 52,297,75
	dnd-omi 2 umol/L	CHROAU 52,297,75
	cyt-ham:oth 80 mg/L	CHROAU 56,41,76
	sce-ham:ovr 10 umol/L	NATUAS 258,121,75
	sce-ham:lng 15 umol/L	HEREAY 96,295,82
	dnd-mam:lym 1600 nmol/L	CHROAU 52,297,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

PHENOL, 4-(5-(4-METHYL-1-PIPERAZINYL)(2,5'-BI-1H-BENZIMIDAZOL)-2'-YL)-, TRIHYDROCHLORIDE see: SM1140500

SM1150000 PHENOL, p-(beta-(4-METHYL-1-PIPERAZINYL)PHENETHYL)-, DIHYDROCHLORIDE

UPDT:8403 MW: 369.37 MOLFM: C19-H24-N2-O .2Cl-H

SYN: p-(beta-(4-METHYL-1-PIPERAZINYL)PHENETHYL)PHENOL DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F12F13J30	ipr-mus LD50:400 mg/kg	JAPMA8 46,279,57

PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-, ACETATE (ESTER) (9CI) see: AF7140000

PHENOL, p-(METHYLSULFINYL)-, O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE see: TF3850000

PHENOL, p-(METHYLSULFINYL)-, O-ESTER with O,O-DIPROPYL PHOSPHOROTHIOATE see: TG2920000

PHENOL, p-(METHYLTHIO)-, DIMETHYL PHOSPHATE see: TC5075000

PHENOL, 3-METHYL-2,4,6-TRINITRO- (9CI) see: GP3675000

SM1920000 PHENOL, NITRO-

UPDT:8308 CAS: 25154-55-6 MW: 139.12 MOLFM: C6-H5-N-O3

SYN: MONONITROPHENOL * NITROPHENOL * NITROPHENOL (DOT) * UN 1663 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82

SM1925000 PHENOL, m-NITRO-

UPDT:8407 CAS: 554-84-7 MW: 139.12 MOLFM: C6-H5-N-O3

SYN: m-NITROPHENOL * 3-NITROPHENOL * m-NITROPHENOL (DOT) * UN 1663 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	28ZPAK -,107,72
	eye-rbt 5 mg/24H SEV	28ZPAK -,107,72

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:328 mg/kg	GTPPAF 8,145,72
	scu-rat LDLo:500 mg/kg	RMSRA6 16,449,1896
*	orl-mus LD50:1070 mg/kg	GTPZAB 25(8),50,81
	scu-gpg LDLo:500 mg/kg	RMSRA6 16,449,1896
	scu-frg LDLo:160 mg/kg	RMSRA6 16,449,1896
*	orl-mam LD50:250 mg/kg	GISAAA 45(10),16,80
*	skn-mam LD50:543 mg/kg	GISAAA 45(10),16,80

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: MUREAV 47(2),75,78

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SM2100000 PHENOL, o-NITRO-

UPDT:8408 CAS: 88-75-5 MW: 139.12 MOLFM: C6-H5-N-O3

SYN: 2-HYDROXYNITROBENZENE * 2-NITROPHENOL * o-NITROPHENOL * o-NITROPHENOL (DOT) * UN 1663 (DOT)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:334 mg/kg	GTPPAF 8,145,72
	scu-rat LDLo:1100 mg/kg	RMSRA6 16,449,1896
	orl-mus LD50:1300 mg/kg	TXAPA9 42,417,77
*	ipr-mus LD50:378 mg/kg	JMCMAR 18,868,75
	ims-mus LDLo:600 mg/kg	HBTXAC 5,120,59
	scu-cat LDLo:600 mg/kg	HBTXAC 5,120,59
	scu-rbt LDLo:1700 mg/kg	HBTXAC 5,120,59
	scu-gpg LDLo:900 mg/kg	RMSRA6 16,449,1896
	scu-frg LDLo:300 mg/kg	HBTXAC 5,120,59

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: MUREAV 47(2),75,78

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SM2275000 PHENOL, p-NITRO-

UPDT:8412 CAS: 100-02-7 MW: 139.12 MOLFM: C6-H5-N-O3

SYN: 4-HYDROXYNITROBENZENE * NCI-C55992 * 4-NITROFENOL (Dutch) * p-NITROPHENOL * 4-NITROPHENOL * p-NITROPHENOL (DOT) * PARANITROFENOL (Dutch) * PARANITROFENOLO (Italian) * PARANITROPHENOL (French,German) * RCRA WASTE NUMBER U170 * UN 1663 (DOT)

MUTATION DATA AND REFERENCES:

	dnd-esc 50 umol/L	MUREAV 89,95,81
	dnr-omi 10 mg/plate	BIZNAT 95,463,76
	mrc-smc 21 mmol/L	IARCCD 10,161,74
	dni-hmn:fbr 1 mmol/L	CNREA8 35,1392,75

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:250 mg/kg	GTPPAF 8,145,72
	scu-rat LDLo:200 mg/kg	RMSRA6 16,449,1896
*	orl-mus LD50:380 mg/kg	GTPZAB 25(8),50,81
	ipr-mus LD50:75 mg/kg	NTIS** AD691-490
	ivn-dog LDLo:10 mg/kg	XPHBAO 271,131,41
	unk-cat LD50:150 mg/kg	30ZDA9 -,97,71
	scu-gpg LDLo:200 mg/kg	RMSRA6 16,449,1896
	ims-pgn LDLo:65 mg/kg	JPETAB 49,187,33
	scu-frg LDLo:60 mg/kg	RMSRA6 16,449,1896
*	orl-mam LD50:247 mg/kg	GISAAA 45(10),16,80
*	skn-mam LD50:920 mg/kg	GISAAA 45(10),16,80

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 47(2),75,78
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SM2450000 PHENOL, p-NITRO-, ALUMINUM SALT
UPDT:7901 CAS: 64047-79-6 MW: 441.31 MOLFM: C18-H12-N3-O9 Al
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:250 mg/kg NCNSA6 5,36,53
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 DTLVS* 4,13,80

PHENOL, p-NITRO-, ester with DIETHYL PHOSPHATE see: TC2275000
PHENOL, p-NITRO-, O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE see: TF4550000
PHENOL, p-NITRO-, O-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE see: TG0175000
PHENOL, p-NITRO-, O-ESTER with O-ETHYL PHENYL PHOSPHONOTHIOATE see: TB1925000

SM4600100 PHENOL, o-(4-(o-NITROPHENYL)-3H-1,5-BENZODIAZEPIN-2-YL)-
UPDT:8312 MW: 357.39 MOLFM: C21-H15-N3-O3
SYN: o-(4-(o-NITROPHENYL)-3H-1,5-BENZODIAZEPIN-2-YL)PHENOL
TOXICITY DATA AND REFERENCES:
2F02F05 ipr-mus LDLo:200 mg/kg ARZNAD 32,1512,82

SM4600300 PHENOL, o-(4-(p-NITROPHENYL)-3H-1,5-BENZODIAZEPIN-2-YL)-
UPDT:8312 MW: 357.39 MOLFM: C21-H15-N3-O3
SYN: o-(4-(p-NITROPHENYL)-3H-1,5-BENZODIAZEPIN-2-YL)PHENOL
TOXICITY DATA AND REFERENCES:
2F02F05 ipr-mus LDLo:200 mg/kg ARZNAD 32,1512,82

SM4900000 PHENOL, p-NITRO-, TIN(II) SALT
UPDT:7901 CAS: 57936-22-8
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:250 mg/kg NCNSA6 5,36,53
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74

SM5075000 PHENOL, p-NITRO-, TIN(IV) SALT
UPDT:7901 CAS: 64047-82-1
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:250 mg/kg NCNSA6 5,36,53
ipr-rat LDLo:100 mg/kg NCNSA6 5,36,53
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74

PHENOL, 4-NITRO-3-(TRIFLUOROMETHYL)-, SODIUM SALT see: GP3550000

SM5600000 PHENOL, NONYL-
UPDT:8407 CAS: 25154-52-3 MW: 220.39 MOLFM: C15-H24-O
SYN: 2,6-DIMETHYL-4-HEPTYLPHENOL, (o and p) * HYDROXYL NO. 253 * NONYL PHENOL (mixed isomers) * PARA NONYL PHENOL
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 4,119,51
skn-rbt 500 mg open MOD UCDS** 6/9/59
eye-rbt 50 ug open SEV AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1620 mg/kg UCDS** 6/9/59
skn-rbt LD50:2140 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PHENOL, p-(tert-OCTYL)- see: SM9625000

SM5850000 PHENOL, 2-(1,3,4-OXADIAZOL-2-YL)-
UPDT:8403 CAS: 1008-65-7 MW: 162.16 MOLFM: C8-H6-N2-O2
SYN: FENADIAZOLE * 2-(o-HYDROXYPHENYL)-1,3,4-OXADIAZOLE * HYPNAZOL * 1,3,4-OXADIAZOLE, 2-(o-HYDROXYPHENYL)- * 2-(1,3,4-OXADIAZOL-2-YL)PHENOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:940 mg/kg MEIEDD 10,569,83

SM6300000 PHENOL, PENTACHLORO-
UPDT:8412 CAS: 87-86-5 MW: 266.32 MOLFM: C6-H-Cl5-O
SYN: CHEM-TOL * CHLOROPHEN * CRYPTOGIL OL * DOWCIDE 7 * DOWICIDE 7 * DOWICIDE EC-7 * DOWICIDE G * DOW PENTACHLOROPHENOL DP-2 ANTIMICROBIAL * DUROTOX * EP 30 * FUNGIFEN * GLAZD PENTA * GRUNDIER ARBEZOL * LAUXTOL * LAUXTOL A * LIROPREM * NA 2020 (DOT) * NCI-C54933 * NCI-C55378 * NCI-C56655 * PCP * PENCHLOROL * PENTA * PENTACHLOORFENOL (Dutch) * PENTACHLOROFENOL * PENTACLOROFENOLO (Italian) * PENTACHLOROPHENATE * PENTACHLOROPHENOL * 2,3,4,5,6-PENTACHLOROPHENOL * PENTACHLOROPHENOL (DOT) * PENTACHLOROPHENOL, DOWICIDE EC-7 * PENTACHLOROPHENOL, DP-2 * PENTACHLORPHENOL (German) * PENTACHLOROPHENOL, TECHNICAL * PENTACON * PENTA-KIL * PENTASOL * PENWAR * PERATOX * PERMACIDE * PERMAGARD * PERMASAN * PERMATOX DP-2 * PERMATOX PENTA * PERMITE * PRILTOX * RCRA WASTE NUMBER U242 * SANTOBRITE * SANTOPHEN * SANTOPHEN 20 * SINITUHO * TERM-I-TROL * THOMPSON'S WOOD FIX * WEEDONE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62
MUTATION DATA AND REFERENCES:
mmo-sat 40 nmol/plate AIDZAC 10,305,82
mrc-smc 190 umol/L IARCCD 10,161,74
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:60 mg/kg (9D preg) DABBBA 37,1184,76
1T46 orl-rat TDLo:50 mg/kg (6-15D preg) TXAPA9 28,151,74
2T76T81 orl-rat TDLo:4 gm/kg (77D pre-28D post) TXAPA9 41,138,77
1T55 orl-rat TDLo:120 mg/kg (8-11D preg) TXAPA9 28,151,74
1T35 scu-mus TDLo:450 mg/kg (6-14D preg) NTIS** PB223-160
TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 scu-mus TDLo:46 mg/kg NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:29 mg/kg 27ZXA3 -,256,63
3F17R20U25 orl-man TDLo:196 mg/kg EESADV 1,343,77
* orl-rat LD50:50 mg/kg FMCHA2 -,C180,83
skn-rat LD50:105 mg/kg BJIMAG 26,59,69
ipr-rat LD50:56 mg/kg BJPCAL 13,20,58
scu-rat LD50:100 mg/kg FEPRA7 2,76,43
3C08F07J26 ipr-mus LD50:58 mg/kg JTEHD6 10,699,82
scu-dog LDLo:135 mg/kg HBTXAC 5,123,59
orl-rbt LDLo:70 mg/kg JPETAB 76,104,42
skn-rbt LDLo:40 mg/kg JPETAB 76,104,42
ipr-rbt LDLo:135 mg/kg HBTXAC 5,123,59
scu-rbt LDLo:70 mg/kg JPETAB 76,104,42
orl-ham LD50:168 mg/kg TXAPA9 48,A192,79
* orl-dck LD50:380 mg/kg DOEAAH 35,25,79
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: STEVA8 2(4),305,74; AIHAAP 43,799,82
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 20,303,79
★ TLV-TWA 500 ug/m3; STEL 1500 ug/m3 (skin) DTLVS* 4,323,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug/m3 (SCP-U) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
"NIOSH MANUAL OF ANALYTICAL METHODS" VOL 4 S297*
"NIOSH MANUAL OF ANALYTICAL METHODS" TO BE REVISED BY JUNE, 1985
"NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed." see: METHODS 8001 and 8303
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SM6490000 PHENOL, PENTACHLORO-, SODIUM SALT
UPDT:8408 CAS: 131-52-2 MW: 288.30 MOLFM: C6-Cl5-O.Na
SYN: DOW DORMANT FUNGICIDE * DOWICIDE G-ST * DOWICIDE G * NAPCLOR-G * PENTACHLOROPHENATE SODIUM * PENTACHLOROPHENOL, SODIUM SALT * PENTACHLOROPHENOXY SODIUM * PENTAPHENATE * SANTOBRITE * SODIUM PCP * SODIUM PENTACHLOROPHENATE * SODIUM PENTACHLOROPHENATE (DOT) * SODIUM PENTACHLOROPHENOL * SODIUM PENTACHLOROPHENOLATE * SODIUM PENTACHLOROPHENOXIDE * SODIUM, (PENTACHLOROPHENOXY)- * SODIUM PENTACHLORPHENATE * UN 2567 (DOT) * WEEDBEADS
MUTATION DATA AND REFERENCES:
mrc-bcs 5 ng/disc/24H MUREAV 40,19,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:210 mg/kg FMCHA2 -,C217,83
ihl-rat LD50:11700 ug/kg BECTA6 15,463,76
scu-rat LD50:72 mg/kg JPETAB 76,104,42
itr-rat LDLo:146 mg/kg MZUZA8 (9),29,59
orl-mus LDLo:164 mg/kg MZUZA8 (9),29,59
* ihl-mus LC50:240 mg/m3/2H 85GMAT -,106,82
* skn-mus LD50:124 mg/kg 85GMAT -,106,82
scu-mus LDLo:56 mg/kg HBTXAC 5,125,59
itr-mus LDLo:164 mg/kg MZUZA8 (9),29,59
scu-dog LDLo:135 mg/kg HBTXAC 5,125,59
orl-rbt LD50:328 mg/kg MZUZA8 (9),29,59
skn-rbt LDLo:270 mg/kg JPETAB 76,104,42
ipr-rbt LDLo:50 mg/kg JIHTAB 23,239,41
scu-rbt LDLo:108 mg/kg JPETAB 76,104,42
ivn-rbt LDLo:24 mg/kg JPETAB 76,104,42
orl-gpg LDLo:250 mg/kg MZUZA8 (9),29,59
* ihl-gpg LC50:341 mg/m3/2H 85GMAT -,106,82
skn-gpg LDLo:266 mg/kg HBTXAC 5,125,59
itr-gpg LDLo:120 mg/kg MZUZA8 (9),29,59
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SM6680000 PHENOL, PENTAFLUORO-
UPDT:8302 CAS: 771-61-9 MW: 184.07 MOLFM: C6-H-F5-O
SYN: PENTAFLUOROPHENOL
TOXICITY DATA AND REFERENCES:
scu-rat LD50:322 mg/kg IZSBAI 3,91,65
scu-mus LD50:283 mg/kg IZSBAI 3,91,65
* orl-mam LD50:330 mg/kg GISAAA 45(10),16,80
* skn-mam LD50:1120 mg/kg GISAAA 45(10),16,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SM6700000 PHENOL, o-(sec-PENTYL)-
UPDT:8401 MW: 164.27 MOLFM: C11-H16-O
SYN: 2-sec-AMYLPHENOL
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:4100 mg/kg/12W-I CNREA8 19,413,59
TOXICITY DATA AND REFERENCES:
1F04 ivn-mus LD50:100 mg/kg JMCMAR 23,1350,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SM6750000 PHENOL, p-PENTYL-
UPDT:8401 CAS: 14938-35-3 MW: 164.27 MOLFM: C11-H16-O
SYN: 4-n-AMYLPHENOL
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:4100 mg/kg/12W-I CNREA8 19,413,59
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SM6800000 PHENOL, p-(sec-PENTYL)-
UPDT:8401 MW: 164.27 MOLFM: C11-H16-O
SYN: 4-sec-AMYLPHENOL
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:4080 mg/kg/12W-I CNREA8 19,413,59
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SM6825000 PHENOL, p-(tert-PENTYL)-
UPDT:8403 CAS: 80-46-6 MW: 164.27 MOLFM: C11-H16-O
SYN: AMILPHENOL * p-tert-AMYLPHENOL * 4-tert-AMYLPHENOL * AMYL PHENOL 4T * p-(alpha,alpha-DIMETHYLPROPYL)PHENOL * p-(1,1-DIMETHYLPROPYL)PHENOL * 2-METHYL-2-p-HYDROXYPHENYLBUTANE * PENTAPHEN * p-t-PENTYLPHENOL * PTAP * UCAR AMYL PHENOL 4T
IRRITATION DATA AND REFERENCES:
skn-rbt 100 ug/24H open AIHAAP 23,95,62
eye-rbt 1% SEV UCDS** 8/13/64
eye-rbt 500 mg SEV IHFCAY 6,1,67
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1830 mg/kg IHFCAY 6,1,67
skn-rbt LD50:2000 mg/kg UCDS** 8/13/64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PHENOL, m-sec-PENTYL-, METHYLCARBAMATE see: FC3500000

SM7700000 PHENOL, m-PHENOXY-
UPDT:8411 CAS: 713-68-8 MW: 186.22 MOLFM: C12-H10-O2
SYN: m-PHENOXYPHENOL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1211 mg/kg HYSAAV 36,293,71
skn-rat LD50:2750 mg/kg HYSAAV 36,293,71
orl-mus LD50:493 mg/kg HYSAAV 36,293,71
* orl-mam LD50:2307 mg/kg GISAAA 45(10),16,80
* skn-mam LD50:1057 mg/kg GISAAA 45(10),16,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PHENOL, o-PHENYL- see: DV5775000
PHENOL, 4-(PHENYLAMINO)- see: SJ6950000
SM8300000 PHENOL, p-(PHENYLAZO)-
UPDT:8209 CAS: 1689-82-3 MW: 198.24 MOLFM: C12-H10-N2-O
SYN: ATUL BRILLIANT OIL YELLOW G * p-BENZENEAZOPHENOL * BRASILAZINA OIL YELLOW O * C.I. 11800 * C.I. SOLVENT YELLOW 7 * FAST OIL YELLOW 2G * p-HYDROXYAZOBENZENE * 4-HYDROXYAZOBENZENE * ORGANOL YELLOW AP * p-PHENYLAZOPHENOL * 4-PHENYLAZOPHENOL * PIROCARD GREEN 491
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:75 mg/kg NTIS** AD691-490
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 8,157,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
PHENOL, 2-(1-PHENYLETHYL)- (9CI) see: SL8700200
PHENOL, 4-(1-PHENYLETHYL)- see: SL8700300
SM8327000 PHENOL, (PHENYLHYDROXYARSINO)-
UPDT:8209 MW: 262.15 MOLFM: C12-H11-As-O2
SYN: 4-HYDROXYDIPHENYLARSINOUS ACID * (PHENYLHYDROXYARSINO)PHENOL
TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:2500 ug/kg CPBTAL 2,19,54
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
SM8335000 PHENOL, p-(2-PHENYLNAPHTHO(2,1-b)FURAN-1-YL)-, ACETATE
UPDT:8403 CAS: 25433-81-2 MW: 378.44 MOLFM: C26-H18-O3
SYN: 1-(p-ACETOXYPHENYL)-2-PHENYLNAPHTHO(2,1-b)FURAN * p-(2-PHENYLNAPHTHO(2,1-b)FURAN-1-YL)PHENOL ACETATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:100 mg/kg (1-5D preg) JMCMAR 13,54,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PHENOL, o-PHENYL-, SODIUM deriv. see: DV7700000
SM8380000 PHENOLPHTHALEIN
UPDT:8412 CAS: 77-09-8 MW: 318.34 MOLFM: C20-H14-O4
SYN: 3,3-BIS(p-HYDROXYPHENYL)PHTHALIDE * FEEN-A-MINT GUM * 1(3H)-ISOBENZOFURANONE, 3,3-BIS(4-HYDROXYPHENYL)- * NCI-C55798 * PHTHALIDE, 3,3-BIS(p-HYDROXYPHENYL)-
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:500 mg/kg NCNSA6 5,30,53
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DAPOAG 27,151,75
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED BUT DEFERRED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
SM8396800 PHENOLPHTHALEIN, TETRAIODO-
UPDT:8403 MW: 821.90 MOLFM: C20-H10-I4-O4
SYN: TETRAIODOPHENOLPHTHALEIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:360 mg/kg JAPMA8 43,495,54
SM8397000 PHENOLPHTHALEIN, 3',3'',5',5''-TETRAIODO-
UPDT:8309 MW: 821.90 MOLFM: C20-H10-I4-O4
SYN: IODOPHENE * 3',3'',5',5''-TETRAIODOPHENOLPHTHALEIN
TOXICITY DATA AND REFERENCES:
1C08 orl-dck LD50:79200 ug/kg VETNAL 54(5),64,78
SM8400000 PHENOLPHTHALEIN, 3',3'',5',5''-TETRAIODO-, DISODIUM SALT
UPDT:8405 CAS: 632-73-5 MW: 865.86 MOLFM: C20-H8-I4-O4 2Na
SYN: ANTINOSIN * BILITRAST * CHOLEPULVIS * CHOLUMBRIN * FORIOD * IODEIKON * IODOGNOST * IODOPHENE SODIUM * IODOPHTHALEIN SODIUM * IODORAYORAL * IODTETRAGNOST * KERAPHEN * NOSOPHENE SODIUM * OPACIN * PHOTOBILINE * PILIOPHEN * RADIOTETRANE * SHADOCOL * SOLUBLE IODOPHTHALEIN * STIPOLAC * TETIOTHALEIN SODIUM * TETRAIODE * TETRAIODOPHENOLPHTHALEIN SODIUM * TETRAIODOPHTHALEIN SODIUM * TIPPS * VIDEOPHEL
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:360 mg/kg JMCMAR 13,997,70
PHENOL, o-PROPENYL- see: SM8575000
SM8575000 PHENOL, 2-PROPENYL-
UPDT:8401 CAS: 6380-21-8 MW: 134.19 MOLFM: C9-H10-O
SYN: PHENOL, o-PROPENYL- * PHENOL, 2-(1-PROPENYL)- * 2-PROPENYLPHENOL * 2-(1-PROPENYL)PHENOL
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:3400 mg/kg/12W-I CNREA8 19,413,59
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PHENOL, 2-(1-PROPENYL)- see: SM8575000
SM8610000 PHENOL, p-PROPYL-
UPDT:8409 CAS: 645-56-7 MW: 136.21 MOLFM: C9-H12-O
SYN: p-PROPYLPHENOL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:500 mg/kg ETATAW 24,281,75
* ipr-mus LD50:81 mg/kg JMCMAR 18,868,75
* orl-mam LD50:540 mg/kg GISAAA 45(10),16,80
* skn-mam LD50:2150 mg/kg GISAAA 45(10),16,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SM8702000 PHENOL, m-(PYRAZOLO(1,5-a)QUINOLIN-2-YL)-
UPDT:8412 MW: 262.33 MOLFM: C17-H14-N2-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:50 mg/kg (6-10D preg) EJMCA5 19,215,84
1T29 scu-ham TDLo:8500 ug/kg (4-8D preg) EJMCA5 19,215,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SM8720000 PHENOL, 4,4'-(2-PYRIDYLMETHYLENE)BIS-, BIS(HYDROGEN SULFATE), DISODIUM SALT
UPDT:8403 CAS: 10040-45-6 MW: 481.42 MOLFM: C18-H13-N-O8-S2 2Na
SYN: DA-1773 * DISODIUM 4,4'-DISULFOXYDIPHENYL-(2-PYRIDYL)METHANE * EVANOL * GUTTALAX * LAXIDOGOL * LAXOBERAL * LAXOBERON * NEOPAX * 2-PICOLYLIDENEBIS(p-PHENYL SODIUM SULFATE) * 4,4'-(2-PICOLYLIDENE)BIS(PHENYLSULFURIC ACID) DISODIUM SALT * PICOSULFATE SODIUM * PICOSULFOL * 4,4'-(2-PYRIDINYLMETHYLENE)BISPHENOL BIS(HYDROGEN SULFATE (ester) DISODIUM SALT * 4,4'-(2-PYRIDYLMETHYLENE)DIPHENOLBIS(HYDROGEN SULFATE) (ESTER) DISODIUM SALT * SODIUM PICOSULFATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5000 mg/kg 85ESA3 9,964,76
3F12K12K13 ipr-rat LD50:3510 mg/kg NAIZAM 28(2),258,77
3D17F24K12 scu-rat LD50:6980 mg/kg NAIZAM 28(2),258,77
3F19K06U01 orl-mus LD50:14800 mg/kg NAIZAM 28(2),258,77
3F12K06K12 ipr-mus LD50:3170 mg/kg NAIZAM 28(2),258,77
2F12K12 scu-mus LD50:6420 mg/kg NAIZAM 28(2),258,77
SM8739000 PHENOL, 4,4'-(2-PYRIDYLMETHYLENE)DI-, BIS(HYDROGEN SULFATE) (ester), DISODIUM SALT, DIHYDRATE
UPDT:8412 MW: 517.46 MOLFM: C18-H13-N-O8-S2 2Na 2H2-O
SYN: DA 1773 DIHYDRATE * DIPHENYL-(2-PYRIDYL)-METHANE 4,4'-SODIUM DISULFATE * GUTTALAX * LAXOBERAL * 4,4'-(2-PYRIDYLMETHYLENE)DIPHENOL BIS(HYDROGEN SULFATE) (ester) DISODIUM DIHYDRATE * SODIUM PICOSULFATE DIHYDRATE * SODIUM PICOSULPHATE DIHYDRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T71 orl-rat TDLo:6 gm/kg (9-14D preg) OYYAA2 12,67,76
1T76 orl-rat TDLo:60 mg/kg (9-14D preg) OYYAA2 12,67,76
1T81 orl-rat TDLo:60 gm/kg (9-14D preg) OYYAA2 12,67,76
2T25T34 orl-rbt TDLo:9 gm/kg (8-16D preg) OYYAA2 12,67,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SM8740000 PHENOL, 4,4'-(2-PYRIDYLMETHYLENE)DI-, BIS(HYDROGEN SULFATE) (ester), DISODIUM SALT, HYDRATE
UPDT:[illegible] MW: 499.44 MOLFM: C18-H13-N-O8-S2 2Na H2-O
SYN: DA-1773 HYDRATE * PICOSULFATE SODIUM HYDRATE * 4,4'-(2-PYRIDYLMETHYLENE)DIPHENOL BIS(HYDROGEN SULFATE) (ester) DISODIUM HYDRATE * SODIUM PICOSULFATE HYDRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T09 orl-rat TDLo:60 mg/kg (60D male) IYKEDH 8,366,77
3T34T71T76 orl-rat TDLo:6 gm/kg (9-14D preg) IYKEDH 8,366,77
1T72 orl-rat TDLo:60 gm/kg (9-14D preg) IYKEDH 8,366,77
2T76T81 orl-rat TDLo:270 mg/kg (17-22D preg/21D post) IYKEDH 8,366,77
2T24T25 orl-rat TDLo:810 mg/kg (8W male/14D pre-7D preg) IYKEDH 8,366,77
2T25T34 orl-rbt TDLo:900 mg/kg (8-16D preg) IYKEDH 8,366,77
TOXICITY DATA AND REFERENCES:
3F05F07F15 orl-rat LD50:17 gm/kg IYKEDH 8,341,77
3F12F19J25 ipr-rat LD50:3000 mg/kg IYKEDH 8,341,77
3F12K12R21 scu-rat LD50:8200 mg/kg IYKEDH 8,341,77
1F19 ivn-rat LD50:1450 mg/kg IYKEDH 8,341,77
3F19K12R21 orl-mus LD50:14500 mg/kg IYKEDH 8,341,77
2F12J26 ipr-mus LD50:2900 mg/kg IYKEDH 8,341,77
* scu-mus LD50:5900 mg/kg IYKEDH 8,341,77
2F12J26 ivn-mus LD50:1600 mg/kg IYKEDH 8,341,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PHENOL SODIUM see: SM8780000
PHENOL SODIUM SALT see: SM8780000
SM8780000 PHENOL, SODIUM SALT, (solid)
UPDT:8308 CAS: 139-02-6 MW: 116.10 MOLFM: C6-H5-O Na
SYN: PHENOL SODIUM * PHENOL SODIUM SALT * SODIUM CARBOLATE * SODIUM PHENATE * SODIUM PHENOLATE, SOLID (DOT) * SODIUM PHENOXIDE * UN 2497 (DOT)
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:350 mg/kg AEXPBL 52,220,05
scu-frg LDLo:100 mg/kg AEXPBL 52,220,05
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGER 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
PHENOLSULFONIC ACID see: DB6950000
1-PHENOL-4-SULFONIC ACID ZINC SALT see: DB7120000
PHENOLSULPHONIC ACID, liquid (DOT) see: DB6950000
SM9275000 PHENOL, 2,3,4,6-TETRACHLORO-
UPDT:8406 CAS: 58-90-2 MW: 231.88 MOLFM: C6-H2-Cl4-O
SYN: DOWICIDE 6 * RCRA WASTE NUMBER U212 * TCP * 2,3,4,6-TETRACHLOROPHENOL * 2,4,5,6-TETRACHLOROPHENOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:300 mg/kg (6-15D preg) TXAPA9 28,146,74
TUMORIGENIC DATA AND REFERENCES:
2V01F60 scu-mus TDLo:100 mg/kg NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
orl-rat LD50:140 mg/kg IMSUAI 39,56,70
ipr-rat LD50:130 mg/kg BJPCAL 13,20,58
scu-rat LDLo:210 mg/kg HBTXAC 5,129,59
ipr-mus LDLo:250 mg/kg CBCCT* 4,231,52
skn-rbt LD50:250 mg/kg HBTXAC 5,129,59
* orl-gpg LD50:250 mg/kg FMCHA2 -,C232,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SM9460000 PHENOL, 2,3,4,5-TETRACHLORO-6-(PENTACHLOROPHENOXY)-
UPDT:8402 CAS: 35245-80-8 MW: 496.18 MOLFM: C12-H-Cl9-O2
SYN: 2-HYDROXY-NONACHLORODIPHENYL ETHER * NONACHLOROPREDIOXIN * 2,3,4,5-TETRACHLORO-6-(PENTACHLOROPHENOXY)PHENOL
TOXICITY DATA AND REFERENCES:
3C08F07J26 ipr-mus LD50:47 mg/kg JTEHD6 10,699,82
SM9461000 PHENOL, 2,3,4,6-TETRACHLORO-5-(PENTACHLOROPHENOXY)-
UPDT:8402 CAS: 42255-14-1 MW: 496.18 MOLFM: C12-H-Cl9-O2
SYN: ISOPREDIOXIN * 3-HYDROXY-NONACHLORODIPHENYL ETHER * 2,3,4,6-TETRACHLORO-5-(PENTACHLOROPHENOXY)PHENOL
TOXICITY DATA AND REFERENCES:
3C08F07J26 ipr-mus LD50:89 mg/kg JTEHD6 10,699,82
SM9462000 PHENOL, 2,3,5,6-TETRACHLORO-4-(PENTACHLOROPHENOXY)-
UPDT:8402 CAS: 21567-21-5 MW: 496.18 MOLFM: C12-H-Cl9-O2
SYN: 4-HYDROXY-NONACHLORODIPHENYL ETHER * 2,3,5,6-TETRACHLORO-4-(PENTACHLOROPHENOXY)PHENOL
TOXICITY DATA AND REFERENCES:
3C08F07J26 ipr-mus LD50:126 mg/kg JTEHD6 10,699,82
SM9625000 PHENOL, p-(1,1,3,3-TETRAMETHYLBUTYL)-
UPDT:8401 CAS: 140-66-9 MW: 206.36 MOLFM: C14-H22-O
SYN: p-tert-OCTYLPHENOL * p-terc.OKTYLFENOL (Czech) * PHENOL, p-(tert-OCTYL)- * p-(1',1',3',3'-TETRAMETHYLBUTYL)FENOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,56,72
eye-rbt 50 ug/24H SEV 28ZPAK -,56,72
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:5280 mg/kg/12W-I CNREA8 19,413,59
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2160 mg/kg 28ZPAK -,56,72
3F17J30L30 orl-mus LD50:3210 mg/kg KCRZAE 26(9),28,67
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SM9750000 PHENOL, p-(1,1,3,3-TETRAMETHYLBUTYL)-, polymer with ETHYLENE OXIDE and FORMALDEHYDE
UPDT:8412 CAS: 25301-02-4 MOLFM: (C14-H22-O C2-H4-O C-H2-O)x
SYN: ALEVAIRE * p-ISOOCTYLPOLYOXYETHYLENEPHENOL FORMALDEHYDE POLYMER * MACROCYCLON * OXYETHYLATED TERTIARY OCTYL-PHENOL-FORMALDEHYDE POLYMER * PHENOL, 4-(1,1,3,3-TETRAMETHYLBUTYL)-, polymer with FORMALDEHYDE and OXIRANE * p-(1,1,3,3-TETRAMETHYLBUTYL)PHENOL polymer with ETHYLENE OXIDE and FORMALDEHYDE * SUPERINONE * SUPERIUONE (French) * TRITON A-20 * TRITON WR 1339 * TYLOXAPOL * TYLOXYPAL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T59 ipr-rat TDLo:1200 mg/kg (7-9D preg) CRSBAW 166,9,72

3T41T42T43 ipr-rat TDLo:1600 mg/kg (8-9D preg) BANMAC 148,392,64
1T25 ipr-rat TDLo:600 mg/kg (8-10D preg) CRSBAW 161,758,67
2T25T35 ivn-rat TDLo:1 gm/kg (10D preg) PSEBAA 122,874,66
1T31 ivn-rat TDLo:1 gm/kg (11D preg) AJANA2 119,199,66
3T22T27T41 ipr-mus TDLo:600 mg/kg (6-8D preg) CHDDAT 266,2171,68
2T42T45 ipr-mus TDLo:600 mg/kg (6-8D preg) CHDDAT 266,2171,68
1T25 ipr-mus TDLo:600 mg/kg (6-8D preg) CRSBAW 158,1025,64
1T46 ipr-mus TDLo:1200 mg/kg (6-8D preg) CRSBAW 167,1713,73
1T24 unk-mus TDLo:2400 mg/kg (1-4D preg) TJADAB 10,321,74
2T45T46 ipr-rbt TDLo:150 mg/kg (7-9D preg) BANMAC 148,392,64
1T25 ipr-rbt TDLo:200 mg/kg (7-8D preg) BANMAC 148,392,64

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:1800 mg/kg NIIRDN 6,467,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENOL, 4-(1,1,3,3-TETRAMETHYLBUTYL)-, polymer with FORMALDEHYDE and OXIRANE see: SM9750000

SM9820000 PHENOL, 2,3,4,6-TETRANITRO-
UPDT:8308 CAS: 641-16-7 MW: 274.12 MOLFM: C6-H2-N4-O9
SYN: 2,3,4,6-TETRANITROPHENOL (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

PHENOL, THIO- see: DC0525000

SN0525000 PHENOL, 2,2'-THIOBIS(4,6-DICHLORO-
UPDT:8401 CAS: 97-18-7 MW: 356.04 MOLFM: C12-H6-Cl4-O2-S
SYN: ACTAMER * BIDIPHEN * BIS(2-HYDROXY-3,5-DICHLOROPHENYL) SULFIDE * BITHIONOL * BITHIONOL SULFIDE * BITIN * CP 3438 * 2,2'-DIHYDROXY-3,3',5,5'-TETRACHLORODIPHENYLSULFIDE * 2-HYDROXY-3,5-DICHLOROPHENYL SULPHIDE * LOROTHIDOL * LOROTHIODOL * NCI-C60628 * NEOPELLIS * TBP * 2,2'-THIOBIS(4,6-DICHLOROPHENOL) * USAF B-22 * VANCIDE BL * XL 7

TUMORIGENIC DATA AND REFERENCES:
3V03J60P60 orl-mus TDLo:12 gm/kg/78W-I NTIS** PB223-159

TOXICITY DATA AND REFERENCES:
orl-rat LD50:7 mg/kg CLDND*
* orl-mus LD50:760 mg/kg NIIRDN 6,612,82
ipr-mus LD50:100 mg/kg NTIS** AD277-689
* ivn-mus LD50:18 mg/kg CSLNX* NX#01763

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENOL, 4,4'-THIOBIS(2-(1,1-DIMETHYLETHYL)-5-METHYL- (9CI) see: GP3150000
PHENOL, 4,4'-THIOBIS(2-(1,1-DIMETHYLETHYL)-6-METHYL- (9CI) see: GP3200000

SN0800000 PHENOL, 4,4'-THIODI-
UPDT:8310 CAS: 2664-63-3 MW: 218.28 MOLFM: C12-H10-O2-S
SYN: DFS * 4,4'-DIHYDROXYDIPHENYL SULFIDE * 4,4'-DIOXYDIPHENYLSULFIDE * SULFIDE, BIS(4-HYDROXYPHENYL) * 4,4'-THIODIPHENOL

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg MLD BIOFX* A408,71
eye-rbt 100 mg SEV BIOFX* A408,71

TOXICITY DATA AND REFERENCES:
orl-rat LD50:3362 mg/kg BIOFX* A408,71
orl-mus LD50:5500 mg/kg TPKVAL 13,154,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PHENOL, 4,4'-THIODI-, 0,0-DIESTER with 0,0-DIMETHYL PHOSPHOROTHIOATE see: TF6890000

SN0900000 PHENOL, o-(4-(p-TOLYL)-3H-1,5-BENZODIAZEPIN-2-YL)-
UPDT:8312 MW: 326.42 MOLFM: C22-H18-N2-O
SYN: o-(4-(p-TOLYL)-3H-1,5-BENZODIAZEPIN-2-YL)PHENOL

TOXICITY DATA AND REFERENCES:
2F02F05 ipr-mus LDLo:200 mg/kg ARZNAD 32,1512,82

SN1225000 PHENOL, 2,4,6-TRIBROMO-
UPDT:8404 CAS: 118-79-6 MW: 330.82 MOLFM: C6-H3-Br3-O
SYN: BROMOL * TRIBROMOPHENOL * 2,4,6-TRIBROMOPHENOL

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1277-0024;8EHQ-1277-0032;8EHQ-0278-0069; 8EHQ-0378-0095;8EHQ-0678-0198

SN1290000 PHENOL, TRICHLORO-
UPDT:8401 CAS: 25167-82-2 MW: 197.44 MOLFM: C6-H3-Cl3-O
SYN: NA 2020 (DOT) * TRICHLOROPHENOL (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SN1400000 PHENOL, 2,4,5-TRICHLORO-
UPDT:8408 CAS: 95-95-4 MW: 197.44 MOLFM: C6-H3-Cl3-O
SYN: COLLUNOSOL * DOWICIDE 2 * DOWICIDE B * NCI-C61187 * NURELLE * PREVENTOL I * RCRA WASTE NUMBER U230 * 2,4,5-TRICHLOROPHENOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T72 orl-mus TDLo:4 gm/kg (8-12D preg) JTEHD6 10,541,82

TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:6700 mg/kg/16W-I CNREA8 19,413,59

TOXICITY DATA AND REFERENCES:
orl-rat LD50:820 mg/kg FEPRA7 2,76,43
ipr-rat LD50:355 mg/kg BJPCAL 13,20,58
scu-rat LD50:2260 mg/kg FEPRA7 2,76,43
* orl-mus LD50:600 mg/kg PHARAT 30,147,75
* ivn-mus LD50:56 mg/kg CSLNX* NX#03492
* orl-gpg LD50:1000 mg/kg FMCHA2 -,C242,83
unk-mam LD50:150 mg/kg 30ZDA9 -,102,71

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 20,349,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SN1575000 PHENOL, 2,4,6-TRICHLORO-
UPDT:8412 CAS: 88-06-2 MW: 197.44 MOLFM: C6-H3-Cl3-O
SYN: DOWICIDE 2S * NCI-C02904 * OMAL * PHENACHLOR * RCRA WASTE NUMBER U231 * 2,4,6-TRICHLORFENOL (Czech) * 2,4,6-TRICHLOROPHENOL

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,80,72
eye-rbt 250 ug/24H SEV 28ZPAK -,80,72

MUTATION DATA AND REFERENCES:
mmo-sat 400 uL/plate BECTA6 24,590,80

TUMORIGENIC DATA AND REFERENCES:
3V01P61P62 orl-rat TDLo:185 gm/kg/2Y-C NCITR* NCI-CG-TR-155,79
2V01L60 orl-mus TDLo:441 gm/kg/2Y-C NCITR* NCI-CG-TR-155,79
2V01L60 orl-mus TD :882 gm/kg/2Y-C NCITR* NCI-CG-TR-155,79
3V01P61P62 orl-rat TD :374 gm/kg/2Y-C NCITR* NCI-CG-TR-155,79

TOXICITY DATA AND REFERENCES:
orl-rat LD50:820 mg/kg PCOC** -,1176,66
ipr-rat LD50:276 mg/kg BJPCAL 13,20,58
* orl-mam LD50:454 mg/kg GISAAA 45(10),16,80
* skn-mam LD50:700 mg/kg GISAAA 45(10),16,80

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 20,349,79

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-155,79)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SN1750000 PHENOL, 2,4,5-TRICHLORO-, ACETATE
UPDT:8408 CAS: 5393-75-9 MW: 239.48 MOLFM: C8-H5-Cl3-O2
SYN: MYCOTOX * SEEDOX * SEEDOX 50 * 2,4,5-TRICHLOROPHENYL ACETATE

SN2030000 PHENOL, TRICHLORO-, COPPER(2+) SALT
UPDT:8408 CAS: 25267-55-4 MW: 458.42 MOLFM: C12-H6-Cl6-O2.Cu
SYN: COPPER TRICHLOROPHENOLATE * COPPER 2,4,5-TRICHLOROPHENOLATE * CTCP * TRIKHLORFENOLYAT MEDI (Russian)

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5500 mg/kg 85GMAT -,40,82
* unk-rat LDLo:100 mg/kg KSKZAN 18(5),55,80
* unk-mus LDLo:100 mg/kg KSKZAN 18(5),55,80
* orl-rbt LD50:1537 mg/kg 85GMAT -,40,82
* ihl-gpg LCLo:200 mg/m3/1H 85GMAT -,40,82

PHENOL, 2,4,5-TRICHLORO-, 0-ESTER with 0,0-DIMETHYL PHOSPHOROTHIOATE see: TG0525000
PHENOL, 2,4,5-TRICHLORO-, 0-ESTER with 0-ETHYL ETHYLPHOSPHONOTHIOATE see: TB0700000
PHENOL, 2,4,5-TRICHLORO-, 0-ESTER with 0-METHYL PHOSPHORAMIDOTHIOATE see: TB5950000

SN2750000 PHENOL, 2,4,5-TRICHLORO-, SODIUM SALT
UPDT:8402 CAS: 136-32-3 MW: 219.42 MOLFM: C6-H2-Cl3-O.Na
SYN: DOWICIDE B * PREVENTOL 1 * SODIUM SALT of 2,4,5-TRICHLOROPHENOL * SODIUM 2,4,5-TRICHLOROPHENATE * SODIUM, (2,4,5-TRICHLOROPHENOXY)- * 2,4,5-TRICHLOROPHENOL, SODIUM SALT

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T34 orl-mus TDLo:90 mg/kg (6-15D preg) NSAPCC 272,243,72

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1620 mg/kg DOWCC* -,-,69

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENOL TRINITRATE see: TJ7875000
PHENOL, 2,4,6-TRINITRO- see: TJ7875000
PHENOL, 2,4,6-TRINITRO-, AMMONIUM SALT (9CI) see: BS3856000
PHENOLURIC see: CQ6825000
PHENOLURIO see: CQ6825000

SN3800000 PHENOL, p-VINYL-
UPDT:8402 CAS: 2628-17-3 MW: 120.16 MOLFM: C8-H8-O
SYN: p-HYDROXYSTYRENE * 4-HYDROXYSTYRENE * PHENOL, 4-ETHENYL- (9CI) * p-VINYLPHENOL * 4-VINYLPHENOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-mam TDLo:1400 mg/kg (7D pre) SCIEAS 195,575,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENOMERCURIC ACETATE see: OV6475000
PHENOMET see: CQ6825000
PHENONYL see: CQ6825000
PHENOPLASTE ORGANOL RED B see: QL5775000
PHENOPROBAMATE see: UB9275000
PHENOPROMIN see: SI1400000
PHENOPROMIN see: SI1750000
PHENOPROPAZINE see: SO4900000
PHENOPROZINE see: SO4900000
PHENOPYRIDINE see: VC4200000
PHENOPYRINE see: UQ8225000
PHENOSAFRANINE see: SG1630000
PHENOSAFRANINE, CHLORIDE see: SG1630000
PHENOSAN see: SN5075000
PHENOSANE see: UR6125000

SN4910000 PHENOSELENAZIN-5-IUM, 3-AMINO-7-(DIMETHYLAMINO)-2-METHYL-, CHLORIDE
UPDT:8205 CAS: 53184-19-3 MW: 352.75 MOLFM: C15-H16-N3-Se.Cl
SYN: 3-AMINO-7-(DIMETHYLAMINO)-2-METHYL-PHENOSELENAZIN-5-IUM CHLORIDE * SELENO-TOLUIDINE BLUE

TOXICITY DATA AND REFERENCES:
* unk-mus LD50:33 mg/kg JMCMAR 17,902,74

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

PHENO SKY BLUE 6BX see: QJ6430000
PHENOSOFRININE see: SG1630000
PHENOSUCCIMIDE see: WN3325000
PHENOTAN see: AF7140000
PHENOTAN see: SJ9800000
PHENOTEROL HYDROBROMIDE see: DO1500000

SN5075000 PHENOTHIAZINE
UPDT:8307 CAS: 92-84-2 MW: 199.28 MOLFM: C12-H9-N-S
SYN: AFI-TIAZIN * AGRAZINE * ANTIVERM * BIVERM * CONTAVERM * DIBENZOPARATHIAZINE * DIBENZOTHIAZINE * DIBENZO-1,4-THIAZINE * ENT 38 * FEENO * FENOTHIAZINE (Dutch) * FENOTIAZINA (Italian) * FENOVERM * FENTIAZIN * HELMETINA * LETHELMIN * NEMAZENE * NEMAZINE * ORIMON * PADOPHENE * PENTHAZINE * PHENEGIC * PHENOSAN * PHENOVERM * PHENOVIS * PHENOXUR * PHENTHIAZINE * RECONOX * SOUFRAMINE * THIODIFENYLAMINE (Dutch) * THIODIPHENYLAMIN (German) * THIODIPHENYLAMINE * TIODIFENILAMINA (Italian) * VERMITIN * WURM-THIONAL * XL-50

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:1250 mg/kg (1-22D preg) AJANA2 110,29,62

TOXICITY DATA AND REFERENCES:
orl-chd LDLo:425 mg/kg/5D LANCAO 242,86,42
* orl-rat LD50:5000 mg/kg 85ESA3 9,943,76
1F25 orl-mus LD50:5000 mg/kg DNEUD5 7,45,80
* ivn-mus LD50:178 mg/kg CSLNX* NX#00586

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PLMJAP 6(1),160,75; CLCHAU 19,361,73
★ TLV-TWA 5 mg/m3; STEL 10 mg/m3 (skin) DTLVS* 4,329,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SN5090000 10H-PHENOTHIAZINE-2-ACETIC ACID, 7-METHOXY-alpha,10-DIMETHYL-, (+-)-
UPDT:8406 CAS: 54323-85-2 MW: 315.41 MOLFM: C17-H17-N-O3-S

SYN: 7-METHOXY-alpha,10-DIMETHYLPHENOTHIAZINE-2-ACETIC ACID * PROTHIZINIC ACID * PROTIZINIC ACID * PRT * 17190RP

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T46T55T72	orl-rat TDLo:700 mg/kg (8-14D preg)	IYKEDH 6,77,75
2T34T35	orl-rat TDLo:700 mg/kg (8-14D preg)	IYKEDH 6,77,75
1T03	orl-rat TDLo:4450 mg/kg (26W male)	IYKEDH 6,70,75
1T12	orl-rat TDLo:2800 mg/kg (28D pre)	IYKEDH 6,60,75
3T53T75T81	orl-mus TDLo:350 mg/kg (7-13D preg)	IYKEDH 6,77,75
1T34	orl-mus TDLo:1400 mg/kg (7-13D preg)	IYKEDH 6,77,75
1T46	orl-mus TDLo:175 mg/kg (7-13D preg)	IYKEDH 6,77,75

TOXICITY DATA AND REFERENCES:

3F12F17F19	orl-rat LD50:738 mg/kg	IYKEDH 6,60,75
*	ipr-rat LD50:350 mg/kg	IYKEDH 11,181,80
3F12F17F19	scu-rat LD50:375 mg/kg	IYKEDH 6,60,75
3F12F17F19	ivn-rat LD50:326 mg/kg	IYKEDH 6,60,75
*	orl-mus LD50:1250 mg/kg	IYKEDH 11,181,80
*	ipr-mus LD50:400 mg/kg	IYKEDH 11,181,80
3F12F17F19	scu-mus LD50:470 mg/kg	IYKEDH 6,60,75
3J16K06K08	ivn-mus LD50:232 mg/kg	IYKEDH 6,408,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SN5100000 PHENOTHIAZINE-2-ACETIC ACID, 10-METHYL-

UPDT:8412 CAS: 13993-65-2 MW: 271.35 MOLFM: C15-H13-N-O2-S

SYN: ACIDE METIAZINIQUE (French) * AMBRUNATE * MA * METHIAZIC ACID * METHIAZINIC ACID * 10-METHYLPHENOTHIAZINE-2-ACETIC ACID * (10-METHYL-2-PHENOTHIAZINYL)ACETIC ACID * N-METHYL-3-PHENOTHIAZINYLACETIC ACID * METIAZIC ACID * METIAZINIC ACID * RP 16,091 * SORIDERMAL * SORIPAL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T25T26T81	orl-rat TDLo:140 mg/kg (MGN)	OYYAA2 8,1587,74
1T91	orl-rat TDLo:140 mg/kg (MGN)	OYYAA2 8,1587,74
1T46	orl-rat TDLo:560 mg/kg (MGN)	OYYAA2 8,1587,74
1T13	orl-rat TDLo:4500 mg/kg (90D pre)	OYYAA2 8,1549,74
2T81T86	orl-mus TDLo:210 mg/kg (5-11D preg)	OYYAA2 8,1633,74
1T46	orl-mus TDLo:420 mg/kg (5-11D preg)	OYYAA2 8,1633,74
2T25T26	orl-rbt TDLo:660 mg/kg (6-16D preg)	ARZNAD 19,1207,69

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:495 mg/kg	NIIRDN 6,822,82
1J25	ipr-rat LD50:365 mg/kg	OYYAA2 9,429,75
*	scu-rat LD50:405 mg/kg	IYKEDH 8,107,77
	orl-mus LD50:800 mg/kg	ARZNAD 19,1198,69
1J25	ipr-mus LD50:350 mg/kg	OYYAA2 9,429,75
	scu-mus LD50:500 mg/kg	ARZNAD 19,1198,69
	ivn-mus LD50:350 mg/kg	ARZNAD 19,1198,69
	orl-dog LD50:2000 mg/kg	ARZNAD 19,1207,69
	orl-gpg LD50:225 mg/kg	ARZNAD 19,1207,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENOTHIAZINE, 2-ACETYL-10-(3-(DIMETHYLAMINO)PROPYL)-, MALEATE see: OB2450000

SN5300000 PHENOTHIAZINE-3-ACRYLIC ACID, 10-METHYL-, 1,4-PIPERAZINYLENEDIETHYLENE ESTER

UPDT:8312 MW: 704.96 MOLFM: C40-H40-N4-O4-S2

SYN: 10-METHYLPHENOTHIAZINE-3-ACRYLIC ACID 1,4-PIPERAZINYLENEDIETHYLENE ESTER

TOXICITY DATA AND REFERENCES:

1F29	ipr-mus LD50:220 mg/kg	JPMSAE 55,290,66

SN5425000 3H-PHENOTHIAZINE, 7-AMINO-3-IMINO-, MONOHYDROCHLORIDE

UPDT:8403 CAS: 581-64-6 MW: 263.76 MOLFM: C12-H9-N3-S .Cl-H

SYN: KATALYSIN * LAUTHSCHES VIOLETT (German) * PHENOTHIAZIN-5-IUM, 3,7-DIAMINO-, CHLORIDE * THIONIN * THIONINE

MUTATION DATA AND REFERENCES:

	dnr-bcs 2 mg/disc	TRENAF 27,153,76

TOXICITY DATA AND REFERENCES:

	ipr-rat LDLo:100 mg/kg	AEPPAE 182,118,36
	ipr-mus LD50:400 mg/kg	NTIS** AD691-490

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

10H-PHENOTHIAZINE, 10-(1-AZABICYCLO(2.2.2)OCT-3-YLMETHYL)- (9CI) see: SP5080000

SN5720000 PHENOTHIAZINE, 10-(1-tert-BUTYL-3-AZETIDINYL)-, HYDROCHLORIDE

UPDT:8309 MW: 346.95 MOLFM: C19-H22-N2-S .Cl-H

SYN: AZ 73 * 10-(1-tert-BUTYL-3-AZETIDINYL)PHENOTHIAZINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:150 mg/kg	TAKHAA 31,453,72

PHENOTHIAZINE, 10-(3-(4'-CARBAMOYLPIPERIDINO)PROPYL)-2-METHYLSULFONYL- see: TM6107000

SN6900000 PHENOTHIAZINE-3-CARBONITRILE

UPDT:8309 CAS: 28140-93-4 MW: 224.29 MOLFM: C13-H8-N2-S

SYN: 3-CYANOPHENOTHIAZINE * 10H-PHENOTHIAZINE-3-CARBONITRILE (9CI)

IRRITATION DATA AND REFERENCES:

	eye-rbt 100 mg MLD	FCTOD7 20,573,82

10H-PHENOTHIAZINE-3-CARBONITRILE (9CI) see: SN6900000

SN6950000 PHENOTHIAZINE-2-CARBONITRILE, 10-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)-

UPDT:8309 CAS: 3546-03-0 MW: 323.49 MOLFM: C19-H21-N3-S

SYN: CIANATIL * CYAMEMAZIN * CYAMEMAZINE * CYAMEPROMAZINE * 10-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)PHENOTHIAZINE-2-CARBONITRILE * F.I. 6229 * KYAMEPROMAZINE * 10H-PHENOTHIAZINE-2-CARBONITRILE, 10-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)- (9CI) * 7204 R.E * 7204 RP * TH 2602

IRRITATION DATA AND REFERENCES:

	eye-rbt 100 mg MLD	FCTOD7 20,573,82
	eye-rbt 100 mg/30S rns MLD	FCTOD7 20,573,82

10H-PHENOTHIAZINE-2-CARBONITRILE, 10-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)- (9CI) see: SN6950000

SN7000000 PHENOTHIAZINE-3-CARBONITRILE, 10-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)-, MALEATE

UPDT:8309 CAS: 63833-98-7 MW: 439.57 MOLFM: C19-H21-N3-S .C4-H4-O4

SYN: CIANATIL MALEATE * CIANTIL, MALEATE * CYAMEMAZINE MALEATE * CYAMEPROMAZINE MALEATE * CYANO-3 (DIMETHYLAMINO-3 METHYL-2 PROPYL)-10 PHENOTHIAZINE MALEATE (French) * CYANOTRIMEPRAZINE MALEATE * 10-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)-PHENOTHIAZINE-2-CARBONITRILE MALEATE * KYAMEPROMAZINE, MALEATE * 7204 RP

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:640 mg/kg	CRSBAW 155,1029,61
	ipr-mus LD50:210 mg/kg	CRSBAW 155,1029,61
	scu-mus LD50:690 mg/kg	CRSBAW 155,1029,61
	ivn-mus LD50:90 mg/kg	CRSBAW 155,1029,61

SN7267000 10H-PHENOTHIAZINE-10-CARBOXAMIDE, N,N-BIS(2-CHLOROETHYL)-

UPDT:8311 CAS: 65240-96-2 MW: 367.31 MOLFM: C17-H16-Cl2-N2-O-S

SYN: N,N-BIS(2-CHLOROETHYL)-10H-PHENOTHIAZINE-10-CARBOXAMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:800 mg/kg	EJMCA5 12,488,77

SN7267100 10H-PHENOTHIAZINE-10-CARBOXAMIDE, N,N-BIS(2-CHLOROETHYL)-2-CHLORO-

UPDT:8311 CAS: 65240-97-3 MW: 401.75 MOLFM: C17-H15-Cl3-N2-O-S

SYN: N,N-BIS(2-CHLOROETHYL)-2-CHLORO-10H-PHENOTHIAZINE-10-CARBOXAMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:800 mg/kg	EJMCA5 12,488,77

SN7267300 10H-PHENOTHIAZINE-10-CARBOXAMIDE, N,N-BIS(2-CHLOROETHYL)-2-METHOXY-

UPDT:8311 CAS: 65290-91-7 MW: 397.34 MOLFM: C18-H18-Cl2-N2-O2-S

SYN: N,N-BIS(2-CHLOROETHYL)-2-METHOXY-10H-PHENOTHIAZINE-10-CARBOXAMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:800 mg/kg	EJMCA5 12,488,77

SN7267600 10H-PHENOTHIAZINE-10-CARBOXAMIDE, N,N-BIS(2-HYDROXYETHYL)-

UPDT:8311 CAS: 65240-93-9 MW: 330.43 MOLFM: C17-H18-N2-O3-S

SYN: N,N-BIS(2-HYDROXYETHYL)-10H-PHENOTHIAZINE-10-CARBOXAMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:800 mg/kg	EJMCA5 12,488,77

SN7267700 10H-PHENOTHIAZINE-10-CARBOXAMIDE, N,N-BIS(2-HYDROXYETHYL)-2-CHLORO-

UPDT:8311 CAS: 65240-94-0 MW: 364.87 MOLFM: C17-H17-Cl-N2-O3-S

SYN: N,N-BIS(2-HYDROXYETHYL)-2-CHLORO-10H-PHENOTHIAZINE-10-CARBOXAMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:800 mg/kg	EJMCA5 12,488,77

SN7267800 10H-PHENOTHIAZINE-10-CARBOXAMIDE, N,N-BIS(2-HYDROXYETHYL)-2-METHOXY-

UPDT:8311 CAS: 65240-95-1 MW: 360.46 MOLFM: C18-H20-N2-O4-S

SYN: N,N-BIS(2-HYDROXYETHYL)-2-METHOXY-10H-PHENOTHIAZINE-10-CARBOXAMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:800 mg/kg	EJMCA5 12,488,77

SN7268000 10H-PHENOTHIAZINE-10-CARBOXAMIDE, N,N-BIS(2-(((METHYLAMINO)CARBONYL)OXY)ETHYL)-

UPDT:8311 CAS: 65240-98-4 MW: 444.55 MOLFM: C21-H24-N4-O5-S

SYN: N,N-BIS(2-(((METHYLAMINO)CARBONYL)OXY)ETHYL)-10H-PHENOTHIAZINE-10-CARBOXAMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:800 mg/kg	EJMCA5 12,488,77

SN7268200 10H-PHENOTHIAZINE-10-CARBOXAMIDE, N,N-BIS(2-(((METHYLAMINO)CARBONYL)OXY)ETHYL)-2-CHLORO-

UPDT:8311 CAS: 65241-03-4 MW: 478.99 MOLFM: C21-H23-Cl-N4-O5-S

SYN: N,N-BIS(2-(((METHYLAMINO)CARBONYL)OXY)ETHYL)-2-CHLORO-10H-PHENOTHIAZINE-10-CARBOXAMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:800 mg/kg	EJMCA5 12,488,77

SN7268500 10H-PHENOTHIAZINE-10-CARBOXAMIDE, N,N-BIS(2-(((METHYLAMINO)CARBONYL)OXY)ETHYL)-2-METHOXY-

UPDT:8311 CAS: 65241-08-9 MW: 474.58 MOLFM: C22-H26-N4-O6-S

SYN: N,N-BIS(2-(((METHYLAMINO)CARBONYL)OXY)ETHYL)-2-METHOXY-10H-PHENOTHIAZINE-10-CARBOXAMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:800 mg/kg	EJMCA5 12,488,77

SN7268700 10H-PHENOTHIAZINE-10-CARBOXAMIDE, N,N-BIS(2-(((PHENYLAMINO)CARBONYL)OXY)ETHYL)-

UPDT:8311 CAS: 65241-02-3 MW: 568.69 MOLFM: C31-H28-N4-O5-S

SYN: N,N-BIS(2-(((PHENYLAMINO)CARBONYL)OXY)ETHYL)-10H-PHENOTHIAZINE-10-CARBOXAMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:800 mg/kg	EJMCA5 12,488,77

SN7268800 10H-PHENOTHIAZINE-10-CARBOXAMIDE, N,N-BIS(2-(((PHENYLAMINO)CARBONYL)OXY)ETHYL)-2-CHLORO-

UPDT:8311 CAS: 65241-07-8 MW: 603.13 MOLFM: C31-H27-Cl-N4-O5-S

SYN: N,N-BIS(2-(((PHENYLAMINO)CARBONYL)OXY)ETHYL)-2-CHLORO-10H-PHENOTHIAZINE-10-CARBOXAMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:800 mg/kg	EJMCA5 12,488,77

SN7268900 10H-PHENOTHIAZINE-10-CARBOXAMIDE, N,N-BIS(2-(((PHENYLAMINO)CARBONYL)OXY)ETHYL)-2-METHOXY-

UPDT:8311 CAS: 65241-12-5 MW: 598.72 MOLFM: C32-H30-N4-O6-S

SYN: N,N-BIS(2-(((PHENYLAMINO)CARBONYL)OXY)ETHYL)-2-METHOXY-10H-PHENOTHIAZINE-10-CARBOXAMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:800 mg/kg	EJMCA5 12,488,77

SN7350000 PHENOTHIAZINE-10-CARBOXYLIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8303 CAS: 298-51-1 MW: 378.95 MOLFM: C19-H22-N2-O2-S .Cl-H

SYN: beta-DIETHYLAMINOETHYL PHENOTHIAZINE-N-CARBOXYLATE HYDROCHLORIDE * beta-DIETHYLAMINOETHYL PHENOTHIAZINE-10-CARBOXYLATE HYDROCHLORIDE * 10-PHENOTHIAZINECARBOXYLIC ACID beta-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE * TRANSERGAN

TOXICITY DATA AND REFERENCES:

2F04F12	orl-mus LD50:440 mg/kg	APTOA6 13,59,57
2F04F12	ipr-mus LD50:140 mg/kg	APTOA6 13,59,57
2F04F12	scu-mus LD50:620 mg/kg	APTOA6 13,59,57
*	ivn-mus LD50:26 mg/kg	AIPTAK 90,241,52

10-PHENOTHIAZINECARBOXYLIC ACID beta-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE see: SN7350000

SN7700000 10H-PHENOTHIAZINE, 2-CHLORO-10-(3-(1,4-DIAZABICYCLO(4.3.0)NONANYL)PROPIONYL)-, DIHYDROCHLORIDE

UPDT:8308 CAS: 49780-10-1 MW: 486.92 MOLFM: C22-H24-Cl-N3-O-S .2Cl-H

SYN: AY-25,329 * 2-CHLORO-10-(3-(HEXAHYDROPYRROLO(1,2-a)PYRAZIN-2(1H)-YL)-PROPIONYL)PHENOTHIAZINE 2HCL * 10-(beta-(1,4-DIAZABICYCLO(4.3.0)NONANYL-4)-PROPIONYL)-2-CHLOROPHENTHIAZIN DICHLORIDE * NONACHLAZINE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:160 mg/kg	FATOAO 42,243,79
*	scu-mus LD50:210 mg/kg	FATOAO 44,342,81
	ivn-mus LD50:55 mg/kg	FATOAO 38(6),732,75

SN7800000 PHENOTHIAZINE, 2-CHLORO-10-(N,N-DIETHYL-beta-ALANYL)-

UPDT:8401 CAS: 800-22-6 MW: 360.93 MOLFM: C19-H21-Cl-N2-O-S

SYN: CHLORACIZIN * CHLORACIZINE * CHLORACYZINE * CHLORAZICIN * CHLORAZICINE * CHLOROACIZIN * CHLOROACIZINE * CHLOROACYZIN * 2-CHLORO-10-(N,N-DIETHYL-beta-ALANYL)PHENOTHIAZINE * G-020 * 10H-PHENOTHIAZINE, 2-CHLORO-10-(3-(DIETHYLAMINO)-1-OXOPROPYL)- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T35	unk-rat TDLo:300 mg/kg (9-14D preg)	FATOAO 45,83,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

10H-PHENOTHIAZINE, 2-CHLORO-10-(3-(DIETHYLAMINO)-1-OXOPROPYL)- (9CI) see: SN7800000

SN8925000 PHENOTHIAZINE, 2-CHLORO-10-(3-(DIMETHYLAMINO)PROPYL)-

UPDT:8412 CAS: 50-53-3 MW: 318.89 MOLFM: C17-H19-Cl-N2-S

SYN: AMINASINE * AMINAZIN * AMINAZINE * AMPLIACTIL * AMPLICTIL * CHLORO-3 (DIMETHYLAMINO-3 PROPYL)-10 PHENOTHIAZINE (French) * 2-CHLORO-10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZINE * CHLOROPROMAZINE * CHLORPROMAZIN * CHLORPROMAZINE * CHLOR-PZ * 2-CLORO-10 (3-DIMETILAMINOPROPIL)FENOTIAZINA (Italian) * CLORPROMAZINA (Italian) * CPZ * FENACTIL * FENAKTYL * FRACTION AB * HIBANIL * HIBERNAL * LARGACTIL * LARGACTILOTHIAZINE * LARGACTYL * MEGAPHEN * NOVOMAZINA * PHENACTYL * PHENATHYL * 10H-PHENOTHIAZINE-10-PROPANAMINE, 2-CHLORO-N,N-DIMETHYL- * PLEGOMAZIN * PRAZIL * PROMACTIL * PROMAZIL * PROPAPHENIN * PROZIL * PROZIN * 4560 R.P. * SKF 2601 * THORAZINE * TORAZINA * WINTERMIN

MUTATION DATA AND REFERENCES:

	mmo-sat 100 umol/L	AMACCQ 9,77,76

	mmo-esc 80 mg/L	GENRAB 30,13,77
	dnd-esc 3 umol/L	MUREAV 89,95,81
	mmo-smc 1 mg/L	ATPNAB 10,463,74
	mrc-smc 1 mg/L	ATPNAB 10,463,74
	oms-hmn:fbr 8 umol/L	DNSYAG 29,829,68
	cyt-hmn:leu 100 mg/L	JAMAAP 207,2425,69
	cyt-hmn:emb 1 mg/L	ATPNAB 10,463,74
	cyt-hmn:fbr 8 umol/L	DNSYAG 29,829,68
	spm-mus-par 20 mg/kg	JRPFA4 34,539,73

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T77T86	unk-wmn TDLo:540 mg/kg (1-39W preg)	AGPSA3 2,606,60
1T27	unk-wmn TDLo:242 mg/kg (1-17W preg)	AGPSA3 2,606,60
1T71	unk-wmn TDLo:480 mg/kg (12-17W preg)	AGPSA3 2,606,60
2T81T85	orl-rat TDLo:30 mg/kg (6-15D preg)	TXAPA9 53,541,80
2T34T35	orl-rat TDLo:119 mg/kg (13D preg)	PJPPAA 32,199,80
1T85	orl-rat TDLo:10 mg/kg (15D preg)	FEPRA7 28,743,69
1T29	orl-rat TDLo:4 mg/kg (1D pre)	DCTODJ 7,41,84
1T21	ipr-rat TDLo:1 mg/kg (1D male)	SCIEAS 127,84,58
1T29	ipr-rat TDLo:2500 ug/kg (1D pre)	ACEDAB 105,7,66
1T14	scu-rat TDLo:50 mg/kg (1D pre)	ENDOAO 65,563,59
1T85	scu-rat TDLo:24 mg/kg (11-14D preg)	EXNEAC 6,263,62
1T81	scu-rat TDLo:24 mg/kg (17-20D preg)	NATUAS 215,182,67
3T71T75T76	scu-rat TDLo:24 mg/kg (4-7D preg)	EXNEAC 14,33,66
1T21	scu-rat TDLo:60 mg/kg (5D male)	ANENAG 24(Suppl 3),1,63
1T15	scu-rat TDLo:225 mg/kg (15D pre)	AJPHAP 199,1073,60
1T29	scu-rat TDLo:10 mg/kg (1D pre)	ENDOAO 74,309,64
2T24T71	ims-rat TDLo:20 mg/kg (5D preg)	PSEBAA 100,555,59
2T33T41	ims-rat TDLo:270 mg/kg (18-22D preg/13D post)	TJADAB 26,21,82
1T85	ims-rat TDLo:220 mg/kg (1-22D preg)	AKGIAO 51(2),66,75
1T02	ims-rat TDLo:28 mg/kg (7D male)	IJEBA6 16,316,781
1T87	unk-rat TDLo:245 mg/kg (8-22D preg/21D post)	PHMCAA 18,231,76
2T25T35	unk-rat TDLo:300 mg/kg (9-14D preg)	FATOAO 45,83,82
2T83T87	orl-mus TDLo:336 mg/kg (1-21D preg)	ANREAK 157,311,67
2T16T26	orl-mus TDLo:448 mg/kg (1-28D preg)	PSEBAA 113,833,63
3T34T35T43	orl-mus TDLo:50 mg/kg (10D preg)	TOIZAG 28,621,81
2T41T42	orl-mus TDLo:50 mg/kg (8D preg)	TOIZAG 28,621,81
1T29	scu-mus TDLo:160 mg/kg (3-6D preg)	JOENAK 43,225,69
3T46T47T81	ims-mus TDLo:176 mg/kg (10D pre/18D preg)	FATOAO 38,473,75
1T11	ims-mus TDLo:160 mg/kg (10D pre)	FATOAO 38,473,75
1T29	unk-mus TDLo:120 mg/kg (1D pre)	AJOGAH 83,1405,62
1T29	unk-mus TDLo:400 ug/kg (1D pre)	FESTAS 12,346,61
2T76T83	scu-rbt TDLo:40 mg/kg (27-30D preg)	ADBBBW 8,171,72
1T71	unk-rbt TDLo:30 mg/kg (16-30D preg)	AKGIAO 43(12),10,67
1T01	ims-dom TDLo:12 mg/kg (8D male)	AJVRAH 25,523,64
2T02T03	ipr-mam TDLo:96 mg/kg (6D male)	IJEBA6 18,149,81

TOXICITY DATA AND REFERENCES:

2H02F07	orl-inf TDLo:20 mg/kg	AJDCAI 130,507,76
2F04L12	orl-wmn TDLo:200 ug/kg	NYSJAM 57,1922,57
	unk-wmn LDLo:40 mg/kg	32ZWAA 8,293,74
2F21U26	orl-rat LD50:141 mg/kg	ARZNAD 18,261,68
	ihl-rat LC50:209 mg/m3/2H	TPKVAL 10,73,68
	ipr-rat LD50:58 mg/kg	27ZTAP 3,69,69
	scu-rat LD50:100 mg/kg	ACAEAS 9,377,58
*	ivn-rat LD50:23 mg/kg	FRPPAO 26,585,71
2F12J30	orl-mus LD50:135 mg/kg	AIPTAK 118,358,59
	ihl-mus LC50:209 mg/m3/2H	TPKVAL 10,73,68
*	ipr-mus LD50:14 mg/kg	FRPSAX 14,269,59
	scu-mus LD50:33 mg/kg	ARZNAD 11,932,61
	ivn-mus LD50:16 mg/kg	ARZNAD 11,932,61
3J06J15P01	ivn-dog LD50:30 mg/kg	AIPTAK 118,358,59
	orl-rbt LD50:20 mg/kg	ACAEAS 9,377,58
	ivn-rbt LD50:16 mg/kg	AIPTAK 120,450,59
2F02F40	orl-mam LD50:500 mg/kg	JMCMAR 8,836,65

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: IDPYAK 1,203,74; ADVPA3 4,263,66; FNSCA6 2,67,73

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SO1750000 PHENOTHIAZINE, 2-CHLORO-10-(3-(DIMETHYLAMINO)PROPYL)-, MONOHYDROCHLORIDE

UPDT:8408 CAS: 69-09-0 MW: 355.35 MOLFM: C17-H19-Cl-N2-S Cl-H

SYN: AMINAZIN MONOHYDROCHLORIDE * AMPLIACTIL MONOHYDROCHLORIDE * CHLORACTIL * CHLORAZIN * 2-CHLORO-10-(3-DIMETHYLAMINOPROPYL)PHENOTHIAZINE MONOHYDROCHLORIDE * CHLOROPROMAZINE HYDROCHLORIDE * CHLOROPROMAZINE MONOHYDROCHLORIDE * CHLORPROMAZINE CHLORIDE * CHLORPROMAZINE HYDROCHLORIDE * CHLORPPOMAZINE MONOHYDROCHLORIDE * CHLORPROMAZINIUM CHLORIDE * CONTOMIN * CPZ * 10-(3-DIMETHYLAMINOPROPYL)-2-CHLOROPHENOTHIAZINE MONOHYDROCHLORIDE * HEBANIL * HIBANIL * HIBERNAL * HYBERNAL * KLORPROMAN * KLORPROMEX * LARGACTIL MONOHYDROCHLORIDE * LARGAKTYL * MEGAPHEN * NCI-C05210 * NEURAZINE * NORCOZINE * PHENOTHIAZINE HYDROCHLORIDE * 10H-PHENOTHIAZINE-10-PROPANAMINE, 2-CHLORO-N,N-DIMETHYL-, MONOHYDROCHLORIDE * PLEGOMAZIN * PROMACID * PROMAPAR * PROPAPHEN * PROPAPHENIN HYDROCHLORIDE * PSYCHOZINE * 4560 RP HYDROCHLORIDE * SONAZINE * TAROCTYL * THORAZINE * THORAZINE HYDROCHLORIDE * TORAZINA * TRANZINE * UNITENSEN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	orl-rat TDLo:50 mg/kg (7-16D preg)	TXAPA9 21,230,72
1T25	orl-rat TDLo:250 mg/kg (7-16D preg)	TXAPA9 21,230,72
1T26	orl-rat TDLo:350 mg/kg (7-16D preg)	TXAPA9 21,230,72
1T83	orl-rat TDLo:1980 mg/kg (4W male/4W pre-3W post)	JONRA9 20,625,73
1T21	ipr-rat TDLo:2500 ug/kg (1D male)	PSEBAA 103,392,60
2T31T34	ipr-rat TDLo:25 mg/kg (8D preg)	IJEBA6 18,344,80
3T71T72T81	ipr-rat TDLo:100 mg/kg (14D preg)	IJEBA6 16,542,78
3T43T46T50	ipr-rat TDLo:100 mg/kg (14D preg)	IJMRAQ 67,300,77
1T41	ipr-rat TDLo:50 mg/kg (12D preg)	TJADAB 18,167,78
1T83	scu-rat TDLo:12 mg/kg (12-15D preg)	BRREAP 21,460,70
3T17T71T76	scu-rat TDLo:24 mg/kg (17-20D preg)	JNEUAY 4,87,6?
1T85	scu-rat TDLo:12 mg/kg (12-15D preg)	DEPBA5 3,225,70
2T71T81	scu-rat TDLo:24 mg/kg (17-20D preg)	JNEUAY 4,87,62
1T02	scu-rat TDLo:125 mg/kg (5D male)	JRPFA4 28,177,72
3T43T46T53	orl-mus TDLo:300 mg/kg (6-15D preg)	NTIS** PB83-179846
3T25T35T42	orl-mus TDLo:300 mg/kg (6-15D preg)	NTIS** PB83-179846
1T34	orl-mus TDLo:150 mg/kg (6-15D preg)	NTIS** PB83-179846
3T35T41T43	scu-mus TDLo:21 mg/kg (9D preg)	DGDFA5 22,61,80

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:225 mg/kg	TXAPA9 18,185,71
	ipr-rat LD50:62 mg/kg	PSYPAG 12,142,68
	scu-rat LD50:140 mg/kg	27ZMA4 2,-,67
	ivn-rat LD50:25 mg/kg	FAZMAE 5,269,63
	unk-rat LD50:90 mg/kg	27ZQAG -,15,72
3F07F21F40	orl-mus LD50:135 mg/kg	CPBTAL 24,1179,76
*	ipr-mus LD50:115 mg/kg	AIPTAK 134,328,61
*	ivn-mus LD50:30 mg/kg	AIPTAK 105,221,56
	ivn-rbt LD50:5 mg/kg	27ZQAG -,15,72
*	scu-gpg LD50:420 mg/kg	AIPTAK 137,375,62

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: JMSCA9 106,755,60

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SO1800000 PHENOTHIAZINE, 2-CHLORO-10-(3-(DIMETHYLAMINO)PROPYL)-, and LITHIUM CARBONATE (1:36)

UPDT:8305

SYN: CHLORPROMAZINE and LITHIUM CARBONATE (1:36) * LITHIUM CARBONATE AND CHLORPROMAZINE (36:1)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T52T77T83	unk-wmn TDLo:9990 mg/kg (1-39W preg)	JOPDAB 94,493,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SO2275000 PHENOTHIAZINE, 2-CHLORO-10-(3-(DIMETHYLAMINO)PROPYL)-, SULFOXIDE

UPDT:8408 CAS: 969-99-3 MW: 334.89 MOLFM: C17-H19-Cl-N2-O-S

SYN: 2-CHLORO-10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZINE-5-OXIDE * CHLORPROMAZINE SULFOXIDE * CHLORPROMAZINE-S-OXYD * CPZ-O * 10-(gamma-DIMETHYLAMINOPROPYL)-3-CHLOROPHENOTHIAZINE 9-OXIDE * NP 956 * OPROMAZIN * OXYCHLORPROMAZINE * 5-OXYCHLORPROMAZINE * 5293 RP * SECOTIL * TRANSEDON

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:163 mg/kg	JPETAB 118,328,56
	scu-mus LD50:102 mg/kg	NAIZAM 8,50,57

SO2700000 PHENOTHIAZINE, 2-CHLORO-10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-

UPDT:8412 CAS: 58-38-8 MW: 373.98 MOLFM: C20-H24-Cl-N3-S

SYN: CHLORO-3 (N-METHYLPIPERAZINYL-3 PROPYL)-10 PHENOTHIAZINE (French) * 2-CHLORO-10-(3-(1-METHYL-4-PIPERAZINYL)-PROPYL)-PHENOTHIAZINE * 2-CHLORO-10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZINE * 3-CHLORO-10-(3-(1-METHYL-4-PIPERAZINYL)PROPYL)PHENOTHIAZINE * CHLORPERAZINE * COMPAZINE * METERAZINE * N-(gamma-(4'-METHYLPIPERAZINYL-1')PROPYL)-3-CHLOROPHENOTHIAZINE * NIPODAL * NOVAMIN * PROCHLOROPERAZINE * PROCHLORPEMAZINE * PROCHLORPERAZINE * PROCHLORPROMAZINE * 10H-PHENOTHIAZINE, 2-CHLORO-10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)- * 6140 RP * STEMETIL * TEMENTIL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T85	scu-rat TDLo:20400 ug/kg (51D pre)	PSYPAG 16,5,69
1T24	par-rat TDLo:80 mg/kg (1-8D preg)	15QWAW -,290,65
1T29	unk-mus TDLo:4 mg/kg (1D pre)	FESTAS 12,346,61

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1800 mg/kg	27ZIAQ -,213,73
	ivn-rat LDLo:20 mg/kg	AIPTAK 120,450,59
*	orl-mus LD50:400 mg/kg	NIIRDN 6,722,82
	ipr-mus LD50:120 mg/kg	CRSBAW 152,1371,58
*	scu-mus LD50:400 mg/kg	NIIRDN 6,722,82
	orl-dog LDLo:102 mg/kg	27ZIAQ -,213,73
	ivn-dog LDLo:100 mg/kg	27ZIAQ -,213,73
	ivn-rbt LDLo:5 mg/kg	AIPTAK 120,450,59

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: JMSCA9 106,755,60; IDPYAK 1,203,74; ADVPA3 4,263,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

10H-PHENOTHIAZINE, 2-CHLORO-10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)- see: SO2700000

10H-PHENOTHIAZINE, 2-CHLORO-10-(3-(4-METHYL-1-PIPERAZINYL)-PROPYL-, (Z)-2-BUTENEDIOATE (1:2) see: SO3150000

SO3150000 PHENOTHIAZINE, 2-CHLORO-10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-, MALEATE (1:2)

UPDT:8305 CAS: 84-02-6 MW: 606.14 MOLFM: C20-H24-Cl-N3-S 2C4-H4-O4

SYN: 2-CHLORO-10-(3-(1-METHYL-4-PIPERAZINYL)PROPYL)PHENOTHIAZINE, DIMALEATE * 2-CHLORO-10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZINE, MALEATE (1:2) * 2-CHLORO-10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZINE DIMALEATE * COMPAZINE * EMETIRAL * METERAZIN MALEATE * PASOTOMIN * 10H-PHENOTHIAZINE, 2-CHLORO-10-(3-(4-METHYL-1-PIPERAZINYL)-PROPYL-, (Z)-2-BUTENEDIOATE (1:2) * PROCHLOROPROAZINE HYDROGEN MALEATE * PROCHLORPERAZINE BIMALEATE * PROCHLORPERAZINE DIMALEATE * PROCHLORPERAZINE HYDROGEN MALEATE * PROCHLORPERAZINE MALEATE * PROCHLORPERIZINE MALEATE * STEMETIL DIMALEATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:750 mg/kg	AIPTAK 123,78,59
	orl-mus LD50:400 mg/kg	CRSBAW 152,1371,58
	scu-mus LD50:320 mg/kg	27ZQAG -,40,72
*	ivn-mus LD50:142 mg/kg	AIPTAK 123,78,59

SO3400000 PHENOTHIAZINE, 2-CHLORO-10-(3-MORPHOLINOPROPYL)-, MONOHYDROCHLORIDE

UPDT:8305 MW: 397.39 MOLFM: C19-H21-Cl-N2-O-S Cl-H

SYN: 2-CHLORO-10-(3-MORPHOLINOPROPYL)PHENOTHIAZINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1000 mg/kg	AIPTAK 123,78,59
*	ivn-mus LD50:140 mg/kg	AIPTAK 123,78,59

SO3450000 10H-PHENOTHIAZINE, 10-(((1-(4-CHLOROPHENYL)ETHYLIDENE)HYDRAZINO)ACETYL)-

UPDT:8308 CAS: 67897-41-0 MW: 407.94 MOLFM: C22-H18-Cl-N3-O-S

SYN: 10-(((1-(4-CHLOROPHENYL)ETHYLIDENE)HYDRAZINO)ACETYL)-10H-PHENOTHIAZINE

TOXICITY DATA AND REFERENCES:

3F02P30Y18	ipr-mus LD50:1000 mg/kg	IJEBA6 16,668,78

PHENOTHIAZINE, 2-CYANO-10-(3-(4-(2-HYDROXYETHOXYETHYL)-1-PIPERAZINYL)PROPYL)-, HYDROCHLORIDE see: KK3527000

SO3700000 PHENOTHIAZINE, 10-(N-(2-(DIBENZYLAMINO)ETHYL)-beta-ALANYL)-

UPDT:8308 MW: 493.71 MOLFM: C31-H31-N3-O-S

SYN: 10-(N-(2-(DIBENZYLAMINO)ETHYL)-beta-ALANYL)PHENOTHIAZINE

TOXICITY DATA AND REFERENCES:

2F11F21	orl-mus LD20:750 mg/kg	AIPTAK 134,255,61

SO3720000 PHENOTHIAZINE, 10-(N-(3-(DIBENZYLAMINO)PROPYL)GLYCYL)-

UPDT:8308 MW: 493.71 MOLFM: C31-H31-N3-O-S

SYN: 10-(N-(3-(DIBENZYLAMINO)PROPYL)GLYCYL)PHENOTHIAZINE

TOXICITY DATA AND REFERENCES:

2F11F21	orl-mus LDLo:1000 mg/kg	AIPTAK 134,255,61

SO4150000 PHENOTHIAZINE, 10-N,N-DIETHYLALANYL-

UPDT:8305 MW: 326.49 MOLFM: C19-H22-N2-O-S

SYN: 10-N,N-DIETHYLALANYLPHENOTHIAZINE * 10-(alpha-DIETHYLAMINOPROPIONYL)PHENOTHIAZINE

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:1000 mg/kg	AIPTAK 90,241,52
*	ivn-mus LD50:68 mg/kg	AIPTAK 90,241,52

SO4200000 PHENOTHIAZINE, 10-(2-(DIETHYLAMINO)ETHYL)-

UPDT:8308 CAS: 60-91-3 MW: 298.48 MOLFM: C18-H22-N2-S

SYN: ANTIPAR * CASANTIN * DIETHAZIN * DIETHAZINE * N-(2-DIETHYLAMINOETHYL)DIBENZOPARATHIAZINE * 10-(2-DIETHYLAMINOETHYL)PHENOTHIAZINE * N-(DIETHYLAMINOETHYL)THIODIPHENYLAMINE * DINEZIN * DIPARCOL * DOLISINA * DOLSIMA * EAZAMINE * FOURNEAU 2987 * LATIBON * LODIBON * 2987 R.P. * THIANTAN

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:28500 ug/kg	AIPTAK 103,371,55

2F11F21	orl-mus LD50:450 mg/kg	AIPTAK 134,255,61
	ipr-mus LD50:225 mg/kg	ARZNAD 4,171,54
	scu-mus LD50:450 mg/kg	PSCBAY 2,17,63
	ivn-mus LD50:65 mg/kg	AIPTAK 120,450,59
	ivn-rbt LD50:20 mg/kg	AIPTAK 120,450,59

SO4220000 PHENOTHIAZINE, 10-(N-(2-(DIETHYLAMINO)ETHYL)GLYCYL)-
UPDT:8308 MW: 355.54 MOLFM: C20-H25-N3-O-S
SYN: 10-(N-(2-(DIETHYLAMINO)ETHYL)GLYCYL)PHENOTHIAZINE

TOXICITY DATA AND REFERENCES:

2F11F21	orl-mus LD50:710 mg/kg	AIPTAK 134,255,61

SO4225000 PHENOTHIAZINE, 10-(N-(2-(DIETHYLAMINO)ETHYL)GLYCYL)-, DIMALEATE
UPDT:8308 MW: 587.70 MOLFM: C20-H25-N3-O-S .2C4-H4-O4
SYN: 10-(N-(2-(DIETHYLAMINO)ETHYL)GLYCYL)PHENOTHIAZINE DIMALEATE

TOXICITY DATA AND REFERENCES:

2F11F21	scu-mus LD50:562 mg/kg	AIPTAK 134,255,61

SO4235000 PHENOTHIAZINE, 10-(N-(2-(DIETHYLAMINO)ETHYL)SARCOSYL)-
UPDT:8308 MW: 369.57 MOLFM: C21-H27-N3-O-S
SYN: 10-(N-(2-(DIETHYLAMINO)ETHYL)SARCOSYL)PHENOTHIAZINE * UCB 8

TOXICITY DATA AND REFERENCES:

2F11F21	orl-mus LDLo:500 mg/kg	AIPTAK 134,255,61

SO4375000 PHENOTHIAZINE, 10-(2-(DIETHYLAMINO)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8403 CAS: 341-70-8 MW: 334.94 MOLFM: C18-H22-N2-S .Cl-H
SYN: ANTIPAR * APARKAZIN * CASANTIN * DIETHAZINE HYDROCHLORIDE * 10-(2-DIETHYLAMINO)ETHYLPHENOTHIAZINE HYDROCHLORIDE * DIPARCOL * LABITON * THIANTAN * THIONTAN

MUTATION DATA AND REFERENCES:

	dnd-esc 20 umol/L	MUREAV 89,95,81

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:450 mg/kg	27ZQAG -,20,72
	ipr-mus LD50:225 mg/kg	27ZQAG -,20,72
	scu-rbt LD50:150 mg/kg	27ZQAG -,20,72
	ivn-rbt LD50:25 mg/kg	27ZQAG -,20,72
1E16	scu-gpg LD50:450 mg/kg	AIPTAK 137,375,62

SO4700000 PHENOTHIAZINE, 10-DIETHYLAMINOPROPIONYL-3-TRIFLUOROMETHYL-, HYDROCHLORIDE
UPDT:8305 CAS: 30223-48-4 MW: 394.49 MOLFM: C20-H21-F3-N2-O-S
SYN: 10-DIETHYLAMINOPROPIONYL-3-TRIFLUOROMETHYL PHENOTHIAZINE HYDROCHLORIDE * FLUORACIZINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	orl-mus TDLo:10 mg/kg (4D preg)	FATOAO 36,399,73
1T35	unk-mus TDLo:10 mg/kg (4D preg)	RPTOAN 36,178,73
1T35	orl-rbt TDLo:140 mg/kg (16-29D preg)	FATOAO 36,399,73
1T35	unk-rbt TDLo:140 mg/kg (16-29D preg)	RPTOAN 36,178,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SO4900000 PHENOTHIAZINE, 10-(2-(DIETHYLAMINO)PROPYL)-
UPDT:8403 CAS: 522-00-9 MW: 312.51 MOLFM: C19-H24-N2-S
SYN: AETHOPROPROPAZIN * ATHAPROPAZINE * ATHOPROPAZIN * DIBUTIL * 10-(2-DIETHYLAMINO-2-METHYLETHYL)PHENOTHIAZINE * 10-(2-DIETHYLAMINOPROPYL)PHENOTHIAZINE * 2-DIETHYLAMINO-1-PROPYL-N-DIBENZOPARATHIAZINE * N,N-DIETHYL-alpha-METHYL-10H-PHENOTHIAZINE-10-ETHANAMINE * ETHOPROMAZINE * ETHOPROPAZINE * ETOPROPEZINA * FENPROPAZINA * FEMPROPAZINE * ISOTAZIN * ISOTHAZINE * ISOTHIAZINE * LYSIVANE * PARCIDOL * PARDIDOL * PARDISOL * PARFEZINE * PARKIN * PARKISOL * PARPHEZEIN * PARPHEZIN * PARSIDOL * PARSITAN * PARSOTIL * PHENOPROPAZINE * PHENOPROZINE * PRODICTAZIN * PRODIERAZINE * PROFENAMINA (Italian) * PROFENAMINE * PROFENAMINUM * PROPHENAMINE * PROPHENAMINUM * ROCHIPEL * ROCIPEL * RODIPAL * RP 3356 * SC 2538 * SKF 2538 * TOMIL * W 483

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1700 mg/kg	NIIRDN 6,733,82
*	ipr-rat LD50:390 mg/kg	NIIRDN 6,733,82
	scu-rat LD50:200 mg/kg	PSCBAY 2,17,63
	ivn-rat LD50:15 mg/kg	27ZQAG -,41,72
*	orl-mus LD50:300 mg/kg	BCFAAI 111,293,72
*	ipr-mus LD50:160 mg/kg	NIIRDN 6,733,82
	scu-mus LD50:500 mg/kg	27ZQAG -,41,72
	ivn-mus LD50:50 mg/kg	27ZQAG -,41,72
	scu-rbt LD50:200 mg/kg	27ZQAG -,41,72
	ivn-rbt LD50:15 mg/kg	27ZQAG -,41,72

SO4925000 PHENOTHIAZINE, 10-(N-(3-(DIETHYLAMINO)PROPYL)GLYCYL)-, DIAMALEATE
UPDT:8308 MW: 601.73 MOLFM: C21-H27-N3-O-S .2C4-H4-O4
SYN: 10-(N-(3-(DIETHYLAMINO)PROPYL)GLYCYL)PHENOTHIAZINE DIMALEATE

TOXICITY DATA AND REFERENCES:

2F11F21	scu-mus LD50:431 mg/kg	AIPTAK 134,255,61

SO5005000 PHENOTHIAZINE, 1-(N,N-DIETHYLGLYCYL)-
UPDT:8307 CAS: 641-33-8 MW: 312.46 MOLFM: C18-H20-N2-O-S
SYN: 10-(DIETHYLAMINOACETYL)PHENOTHIAZINE * 10-(N,N-DIETHYLGLYCYL)PHENOTHIAZINE * DIFAZIN * DIPHASIN * DIPHASINE * DIPHAZINE

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:450 mg/kg	AIPTAK 90,241,52

10H-PHENOTHIAZINE, 10-((DIMETHYLAMINO)ACETYL)- (9CI) see: SO9240000

SO5300000 PHENOTHIAZINE, 10-(N-(2-(DIMETHYLAMINO)ETHYL)GLYCYL)-, MALEATE (1:2)
UPDT:8308 MW: 559.64 MOLFM: C18-H21-N3-O-S .2C4-H4-O4
SYN: 10-(N-(2-(DIMETHYLAMINO)ETHYL)GLYCYL)PHENOTHIAZINE DIMALEATE

TOXICITY DATA AND REFERENCES:

2F11F21	orl-mus LD50:1111 mg/kg	AIPTAK 134,255,61

SO5425000 PHENOTHIAZINE, 10-(2-(DIMETHYLAMINO)ETHYL)-, HYDROCHLORIDE
UPDT:8403 CAS: 5934-20-3 MW: 306.88 MOLFM: C16-H18-N2-S .Cl-H
SYN: N-DIMETHYLAMINOETHYLPHENOTHIAZINE HYDROCHLORIDE * N-(beta-DIMETHYLAMINOETHYL)-PHENOTHIAZINE HYDROCHLORIDE * FENETHAZINE HYDROCHLORIDE * LISERGAN HYDROCHLORIDE * RUTERGAN HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:115 mg/kg	MEIEDD 10,572,83
	scu-mus LD50:210 mg/kg	27ZQAG -,38,72

SO5450000 PHENOTHIAZINE, 10-(N-(2-(DIMETHYLAMINO)ETHYL)SARCOSYL)-
UPDT:8308 MW: 341.51 MOLFM: C19-H23-N3-O-S
SYN: 10-(N-(2-(DIMETHYLAMINO)ETHYL)SARCOSYL)PHENOTHIAZINE * UCB 7

TOXICITY DATA AND REFERENCES:

2F11F21	orl-mus LD40:500 mg/kg	AIPTAK 134,255,61

SO5500000 PHENOTHIAZINE, 10-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-, HYDROCHLORIDE
UPDT:8305 CAS: 5568-90-1 MW: 320.91 MOLFM: C17-H20-N2-S .Cl-H
SYN: AIZEN METHYLENE BLUE FZ * CALCOZINE BLUE ZF * DIPRAZIN HYDROCHLORIDE * N-(beta-DIMETHYLAMINO-alpha-METHYLETHYL)PHENOTHIAZINE HYDROCHLORIDE * ISOPROMETHAZINE HYDROCHLORIDE * 10H-PHENOTHIAZINE-10-ETHANAMINE, N,N,beta-TRIMETHYL-, MONOHYDROCHLORIDE (9CI)

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:190 mg/kg	JPETAB 90,223,47
*	scu-mus LD50:330 mg/kg	AIPTAK 95,428,53

SO5550000 3H-PHENOTHIAZINE, 3-(DIMETHYLAMINO)-7-(METHYLIMINO)-, HYDROCHLORIDE
UPDT:8403 CAS: 531-55-5 MW: 305.85 MOLFM: C15-H16-N3-S .Cl
SYN: AZURE B * AZUR I * AZURE I * C.I. 52010 * 3-(DIMETHYLAMINO)-7-(METHYLIMINO)-3H-PHENOTHIAZINE HYDROCHLORIDE * 3-(DIMETHYLAMINO)-7-(METHYLAMINO)-PHENOTHIAZIN-5-IUM CHLORIDE * 3-METHYLAMINO-7-DIMETHYLAMINOPHENZATHONIUM CHLORIDE * METHYLENE AZURE B * TRIMETHYLTHIONINE CHLORIDE

MUTATION DATA AND REFERENCES:

	cyt-ham:ovr 20 umol/L/5H-C	ENMUDM 1,27,79

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:65 mg/kg	TXAPA9 44,225,78

SO5600000 3H-PHENOTHIAZINE, 7-(DIMETHYLAMINO)-3-(METHYLIMINO)-, 3-METHOCHLORIDE
UPDT:8412 CAS: 61-73-4 MW: 319.88 MOLFM: C16-H18-N3-S .Cl
SYN: AIZEN METHYLENE BLUE BH * AIZEN METHYLENE BLUE FZ * BASIC BLUE 9 * 3,7-BIS (DIMETHYLAMINO) PHENAZATHIONIUM CHLORIDE * 3,7-BIS(DIMETHYLAMINO)PHENOTHIAZIN-5-IUM CHLORIDE * CALCOZINE BLUE ZF * CHROMOSMON * C.I. 52 015 (Czech) * C.I. BASIC BLUE 9 * D AND C BLUE NUMBER 1 * EXT D AND C BLUE NO. 1 * EXTERNAL BLUE 1 * HIDACO METHYLENE BLUE SALT FREE * LEATHER PURE BLUE HB * METHYLENE BLUE * METHYLENE BLUE A * METHYLENE BLUE B * METHYLENE BLUE 2B * METHYLENE BLUE BB * METHYLENE BLUE BBA * METHYLENE BLUE BB (ZINC FREE) * METHYLENE BLUE BD * METHYLENE BLUE 2BF * METHYLENE BLUE 2BN * METHYLENE BLUE BP * METHYLENE BLUE 2BP * METHYLENE BLUE BPC * METHYLENE BLUE BX * METHYLENE BLUE BZ * METHYLENE BLUE CHLORIDE * METHYLENE BLUE CHLORIDE (BIOLOGICAL STAIN) * METHYLENE BLUE D * METHYLENE BLUE FZ * METHYLENE BLUE G * METHYLENE BLUE GZ * METHYLENE BLUE HGG * METHYLENE BLUE IAD * METHYLENE BLUE I (MEDICINAL) * METHYLENE BLUE JFA * METHYLENE BLUE (MEDICINAL) * METHYLENE BLUE N * METHYLENE BLUE NF (MEDICINAL) * METHYLENE BLUE NZ * METHYLENE BLUE POLYCHROME * METHYLENE BLUE SG * METHYLENE BLUE SP * METHYLENE BLUE USP (MEDICINAL) * METHYLENE BLUE USP XII (MEDICINAL) * METHYLENE BLUE ZF * METHYLENE BLUE ZINC FREE * METHYLENE BLUE ZX * METHYLENIUM CERULEUM * METHYLTHIONINE * METHYLTHIONINE CHLORIDE * METHYLTHIONIUM CHLORIDE * MITSUI METHYLENE BLUE * MODR METHYLENOVA (Czech) * PHENOTHIAZIN-5-IUM, 3,7-BIS(DIMETHYLAMINO)-, CHLORIDE * SANDOCRYL BLUE BRL * SCHULTZ NO. 1038 * SWISS BLUE * TETRAMETHYLENE BLUE * TETRAMETHYLTHIONINE CHLORIDE * YAMAMOTO METHYLENE BLUE B * YAMAMOTO METHYLENE BLUE ZF

MUTATION DATA AND REFERENCES:

	mmo-sat 100 umol/L	AMACCQ 9,77,76
	mmo-sat 20 ug/plate	ABCHA6 45,327,81
	dnr-sat 10 pph	AGACBH 4,286,74
	mmo-esc 2 umol/L	MUREAV 137,1,84
	dnr-esc 160 ug/well	ENMUDM 3,429,81
	dnd-esc 70 umol/L	MUREAV 89,95,81
	dnr-bcs 2 mg/disc	TRENAF 27,153,76
	mmo-omi 20 ppm	POASAD 34,114,53
	mrc-smc 10 pph	AGACBH 4,286,74
	dnd-mus:ast 70 umol/L	MUREAV 89,95,81
	dnd-mam:lym 1830 nmol/L	BIPMAA 12,1099,73

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-rat TDLo:2500 mg/kg (1-22D preg)	AJANA2 110,29,62

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1180 mg/kg	MarJV# 29MAR77
	ipr-rat LDLo:50 mg/kg	AEPPAE 182,118,36
	ivn-rat LD50:1250 mg/kg	ARZNAD 18,678,68
	orl-mus LDLo:150 mg/kg	HBAMAK 4,1366,35
	ipr-mus LD50:150 mg/kg	NTIS** AD691-490
	ivn-mus LD50:82 mg/kg	28ZPAK -,238,72
	orl-dog LDLo:500 mg/kg	HBAMAK 4,1366,35
	ivn-dog LDLo:50 mg/kg	HBAMAK 4,1366,35
	ivn-mky LDLo:10 mg/kg	HBAMAK 4,1366,35
*	ivn-cat LDLo:41 mg/kg	AIMEAS 7,738,33
	orl-rbt LDLo:1000 mg/kg	HBAMAK 4,1366,35
	scu-gpg LDLo:300 mg/kg	HBAMAK 4,1366,35

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SO5700000 PHENOTHIAZINE, 10-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)-
UPDT:8310 CAS: 84-96-8 MW: 298.48 MOLFM: C18-H22-N2-S
SYN: ALIMEMAZINE * ALIMEZINE * BAYER 1219 * METHYLPROMAZINE * 10H-PHENOTHIAZINE-10-PROPANAMINE, N,N,beta-TRIMETHYL- * REPELTIN * TERALEN * TRIMEPRAZINE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:210 mg/kg	ANPBAZ 61,669,61
	ivn-rat LD50:35 mg/kg	ANPBAZ 61,669,61
1F25	orl-mus LD50:300 mg/kg	DNEUD5 7,45,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SO5775000 PHENOTHIAZINE, 10-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)-, 5,5-DIOXIDE
UPDT:8408 CAS: 3689-50-7 MW: 330.48 MOLFM: C18-H22-N2-O2-S
SYN: ALIMEMAZINE 5,5-DIOXIDE * 10-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)PHENOTHIAZINE-5,5-DIOXIDE * DIOXO-9,9-(DIMETHYLAMINO-3-METHYL-2-PROPYL)-10-PHENOTHIAZINE (French) * DOSEGRAN * DOXERGAN * DYSEDON * IMAKOL * OXOMEMAZINE * OXYMEMAZINE * 6847 R.P.

IRRITATION DATA AND REFERENCES:

	eye-rbt 100 mg MLD	FCTOD7 20,573,82
	eye-rbt 100 mg/4S rns MLD	FCTOD7 20,573,82

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:140 mg/kg	THERAP 26,1203,71
2F13R21	ipr-mus TDLo:185 mg/kg	OCMJAJ 7,33,61
	scu-mus LD50:260 mg/kg	AIPTAK 135,364,62
	ivn-mus LD50:35 mg/kg	AIPTAK 135,364,62

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: TJADAB 15,57,77

SO6125050 PHENOTHIAZINE, 10-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)-3-METHOXY-
UPDT:8309 MW: 328.51 MOLFM: C19-H24-N2-O-S
SYN: 10-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)-3-METHOXYPHENOTHIAZINE * 10-(3'-DIMETHYLAMINO-2'-METHYL-1'-PROPYL)-3-METHOXYPHENOTHIAZINE

IRRITATION DATA AND REFERENCES:

	eye-rbt 100 mg MLD	FCTOD7 20,573,82
	eye-rbt 100 mg/30S rns MLD	FCTOD7 20,573,82

SO6825000 PHENOTHIAZINE, 10-(2-DIMETHYLAMINOPROPYL)-
UPDT:8412 CAS: 60-87-7 MW: 284.45 MOLFM: C17-H20-N2-S
SYN: DIMETHYLAMINO-ISOPROPYL-PHENTHIAZIN (German) * (DIMETHYLAMINO-2-PROPYL-10-PHENOTHIAZINE HYDROCHLORIDE (French) * A-91033 * APROBIT * ATOSIL * AVOMINE * DIMAPP * (2-DIMETHYLAMINO-2-METHYL)ETHYL-N-DIBENZOPARATHIAZINE * N-(2'-DIMETHYLAMINO-2'-METHYL)ETHYLPHENOTHIAZINE * 10-(2-(DIMETHYLAMINO)-2-METHYLETHYL)PHENOTHIAZINE * N-DIMETHYLAMINO-2-METHYLETHYL THIODIPHENYLAMINE * 10-(2-(DIMETHYLAMINO)PROPYL)PHENOTHIAZINE * DIPRAZINE * DIPROZIN * FARGAN * FENAZIL * FENERGAN * FENETAZINA * HIBERNA * HISTARGAN * IERGIGAN * ISOPHENERGAN * ISOPROMETHAZINE * LERCIGAN * LERGIGAN * LILLY 1516 * LILLY 01516 * PHARGAN * NCI-C60673 * PHENERGAN * PHENSEDYL * PILPOPHEN * PIPOLPHEN * PROAZAIMINE * PROAZAMINE * PROCIT * PROMAZINAMIDE * PROMETASIN * PROMETAZIN * PROMETHAZINE * PROMETHIAZINE * PROMEZATHINE * PROREX * PROTAZINE * PROTHAZIN * PROVIGAN * PYRETHIA * PYRETHIAZINE * ROMERGAN * 3277 RP * 3389 R.P. * 4182 R.P. * SKF 1498 * SYNALGOS * TANIDIL * THIERGAN * VALLERGINE * WY 509

IRRITATION DATA AND REFERENCES:

	eye-rbt 100 mg SEV	FCTOD7 20,573,82
	eye-rbt 100 mg/4S rns MLD	FCTOD7 20,573,82

MUTATION DATA AND REFERENCES:

	dni-hmn:fbr 80 nmol/L	DNSYAG 29,829,68

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	ipr-rat TDLo:350 mg/kg (10-16D preg)	JPHYA7 164,138,62

TOXICITY DATA AND REFERENCES:

	scu-rat LD50:700 mg/kg	CRSBAW 144,887,50
	ivn-rat LD50:45 mg/kg	AIPTAK 120,450,59
	ims-rat LD50:169 mg/kg	TXAPA9 18,185,71
	orl-mus LD50:326 mg/kg	ARZNAD 7,237,57
	ipr-mus LD50:142 mg/kg	AIPTAK 159,70,66
*	scu-mus LD50:270 mg/kg	AIPTAK 95,428,53
	ivn-mus LD50:40 mg/kg	TXAPA9 18,185,71
	ims-mus LD50:175 mg/kg	TXAPA9 18,185,71
	orl-rbt LD50:580 mg/kg	PHARAT 25,91,70
	ivn-rbt LD50:19 mg/kg	AIPTAK 120,450,59
	orl-gpg LD50:640 mg/kg	PHARAT 25,91,70
	scu-gpg LD50:520 mg/kg	PHARAT 25,91,70
	ivn-gpg LD50:27 mg/kg	PHARAT 25,91,70

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: IDPYAK 1,203,74; ARVPAX 5,447,65

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SO7000000 PHENOTHIAZINE, 10-(3-(DIMETHYLAMINO)PROPYL)-

UPDT:8412 CAS: 58-40-2 MW: 284.45 MOLFM: C17-H20-N2-S

SYN: A 145 * AMPAZINE * 10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZINE * ESPARIN * LIRANOL * NEO-HIBERNEX * 10H-PHENOTHIAZINE-10-PROPANAMINE, N,N-DIMETHYL- * PRAZIN * PRAZINE * PROMAZIN * PROMAZINA (Italian) * PROMAZINE * PROTACTYL * RP 3276 * SPARINE * VEROPHEN * WY 1094

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T81	scu-rat TDLo:80 mg/kg (1-18D preg)	JNEUAY 3,295,62
1T29	unk-mus TDLo:4 mg/kg (1D pre)	FESTAS 12,346,61

TOXICITY DATA AND REFERENCES:

	unk-chd LDLo:50 mg/kg	32ZWAA 8,293,74
	orl-rat LD50:350 mg/kg	ARZNAD 8,507,58
	ipr-rat LDLo:210 mg/kg	TXAPA9 1,156,59
	scu-rat LD50:300 mg/kg	MDCHAG 4(2),199,67
3D22F07K12	ivn-rat LD50:14500 ug/kg	AIPTAK 119,311,59
	orl-mus LD50:485 mg/kg	JPETAB 127,318,59
1E15	ipr-mus LD50:140 mg/kg	AIPTAK 155,69,65
1F04	ivn-mus LD50:45 mg/kg	APTOA6 19,87,62
	ivn-rbt LD50:21 mg/kg	AIPTAK 120,450,59

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: IDPYAK 1,203,74

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SO8225000 PHENOTHIAZINE, 10-(2-(DIMETHYLAMINO)PROPYL)-, MONOHYDROCHLORIDE

UPDT:8412 CAS: 58-33-3 MW: 320.91 MOLFM: C17-H20-N2-S .Cl-H

SYN: ATOSIL * 10-(2-(DIMETHYLAMINO)PROPYL)PHENOTHIAZINE MONOHYDROCHLORIDE * 10-(3-DIMETHYLAMINOISOPROPYL)PHENOTHIAZINE HYDROCHLORIDE * N-(2-DIMETHYLAMINOPROPYL-1)PHENOTHIAZINE HYDROCHLORIDE * 10-(2-DIMETHYLAMINOPROPYL)PHENOTHIAZINE HYDROCHLORIDE * N-(2'-DIMETHYLAMINO-2'-METHYL)ETHYLPHENOTHIAZINE HYDROCHLORIDE * DIPHERGAN * DORME * FARGAN * FELLOZINE * FENAZIL * FENERGAN * GANPHEN * HL 8700 * LERGIGAN * PHENCEN * 10H-PHENOTHIAZINE-10-ETHANAMINE, N,N,alpha-TRIMETHYL-, MONOHYDROCHLORIDE * PHENERGAN HYDROCHLORIDE * PLLETIA * PRIMINE * PROMANTINE * PROMETHIAZIN (German) * PROMETHAZINE HYDROCHLORIDE * PROMETHAZINE N-(2'-DIMETHYLAMINO-2'-METHYLETHYL)PHENOTHIAZINE HYDROCHLORIDE * PROREX * PROTAZINE * REMSED * 3277 R.P.

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	orl-rat TDLo:60 mg/kg (5-16D preg)	RCOCB8 7,701,74
2T24T31	orl-rat TDLo:240 mg/kg (5-16D preg)	RCOCB8 7,701,74

TOXICITY DATA AND REFERENCES:

3F04F12F21	orl-hmn TDLo:3500 ug/kg/D	AJPSAO 113,654,57
3F13F17F20	orl-chd TDLo:20 mg/kg	LANCAO 1,368,80
	orl-mus LD50:255 mg/kg	AIPTAK 135,364,62
3F07F12F17	ipr-mus LD50:190 mg/kg	JPETAB 90,224,47
*	scu-mus LD50:290 mg/kg	AIPTAK 95,428,53
	ivn-mus LD50:50 mg/kg	JPETAB 108,340,53

STATUS:

NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENOTHIAZINE, 10-(2-(DIMETHYLAMINO)PROPYL)-2-(MORPHOLINOACETYL)- see: OB2700000

PHENOTHIAZINE, 10-(3-(DIMETHYLAMINO)PROPYL)-2-(MORPHOLINOACETYL)- see: OB2710000

SO8650000 PHENOTHIAZINE, 10-(3-(DIMETHYLAMINO)PROPYL)-, PHOSPHATE

UPDT:8305 CAS: 1508-27-6 MW: 970.45 MOLFM: C17-H20-N2-S .xH3-O4-P

SYN: 10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZINE PHOSPHATE * 10H-PHENOTHIAZINE-10-PROPANAMINE, N,N-DIMETHYL-, PHOSPHATE (9CI) * PROMAZINE PHOSPHATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:350 mg/kg	AIPTAK 123,78,59
1E15	ivn-mus LD50:60 mg/kg	AIPTAK 151,515,64

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SO8850000 PHENOTHIAZINE, 10-(3-(DIMETHYLAMINO)PROPYL)-2-(TRIFLUOROMETHYL)-

UPDT:8305 CAS: 146-54-3 MW: 352.45 MOLFM: C18-H19-F3-N2-S

SYN: 10H-PHENOTHIAZINE-10-PROPANAMINE, N,N-DIMETHYL-2-(TRIFLUOROMETHYL)- * TRIFLUPROMAZINE * VESPRIN

MUTATION DATA AND REFERENCES:

	dlt-mus-ipr 25 mg/kg	MUREAV 17,87,73
	cyt-mam:kdy 10 mg/L/8H-C	FCTXAV 8,617,70

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:94 mg/kg	TXAPA9 2,540,60
	orl-mus LD50:245 mg/kg	TXAPA9 2,540,60
	ipr-mus LD50:100 mg/kg	MUREAV 17,87,73
	ivn-mus LD50:44 mg/kg	TXAPA9 2,540,60

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

SO8925000 PHENOTHIAZINE, 10-(3-(DIMETHYLAMINO)PROPYL)-2-(TRIFLUOROMETHYL)-, MONOHYDROCHLORIDE

UPDT:8406 CAS: 1098-60-8 MW: 388.91 MOLFM: C18-H19-F3-N2-S .Cl-H

SYN: 10-(3-DIMETHYLAMINOPROPYL)-2-(TRIFLUOROMETHYL)PHENOTHIAZINE HYDROCHLORIDE * TRIFLUOPROMAZINE HYDROCHLORIDE * TRIFLUPROMAZINE HYDROCHLORIDE * VESPRIN HYDROCHLORIDE * 10H-PHENOTHIAZINE-10-PROPANAMINE, N,N-DIMETHYL-2-(TRIFLUOROMETHYL)-, MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

	ipr-rat LDLo:94 mg/kg	MTHEAB 2,214,57
	orl-mus LD50:254 mg/kg	27ZQAG -,56,72
	ipr-mus LD50:102 mg/kg	MTHEAB 2,214,57
	ivn-mus LD50:34 mg/kg	27ZQAG -,56,72
	ivn-dog LD50:17 mg/kg	JPETAB 127,55,59

SO9240000 PHENOTHIAZINE, 10-N,N-DIMETHYLGLYCYL-

UPDT:8405 CAS: 518-61-6 MW: 284.40 MOLFM: C16-H16-N2-O-S

SYN: AHISTAN * 10-(DIMETHYLAMINOACETYL)PHENOTHIAZINE * 10-(DIMETHYLAMINO)ACETYL-10H-PHENOTHIAZINE * 10-N,N-DIMETHYLGLYCYLPHENOTHIAZINE * HISTANTIN RICHTER * 10H-PHENOTHIAZINE, 10-((DIMETHYLAMINO)ACETYL)- (9CI)

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:400 mg/kg	AIPTAK 90,241,52

SO9350000 3H-PHENOTHIAZINE-2,3(10H)-DIONE, 8-CHLORO-10-(3-(DIMETHYLAMINO)PROPYL)-

UPDT:8306 CAS: 52172-18-6 MW: 348.87 MOLFM: C17-H17-Cl-N2-O2-S

SYN: 8-CHLORO-10-(3-(DIMETHYLAMINO)PROPYL)-3H-PHENOTHIAZINE-2,3(10H)-DIONE * 7,8-DIOXO-CHLORPROMAZINE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:23 mg/kg	NEOLA4 29,215,82

SO9400000 PHENOTHIAZINE, 10-(3-(4-(2-m-DIOXAN-2-YLETHYL)-1-PIPERAZINYL)PROPYL)-2-(TRIFLUOROMETHYL)-, DISUCCINATE

UPDT:8306 CAS: 7450-97-7 MW: 743.87 MOLFM: C26-H32-F3-N3-O2-S .C8-H12-O8

SYN: OXAFLUMAZINE DISUCCINATE * OXAFLUMINE * SD 270-31

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:919 mg/kg	85ESA3 9,897,76
	ipr-mus LD50:175 mg/kg	85ESA3 9,897,76
	ivn-mus LD50:94 mg/kg	85ESA3 9,897,76

SO9500000 PHENOTHIAZINE, 10-(3-(4-(m-DIOXAN-2-YL)-1-PIPERAZINYL)PROPYL)-2-(TRIFLUOROMETHYL)-, 5-OXIDE

UPDT:8306 MW: 523.67 MOLFM: C26-H32-F3-N3-O3-S

SYN: 10-(3-(4-(m-DIOXAN-2-YL)-1-PIPERAZINYL)PROPYL)-2-(TRIFLUOROMETHYL)PHENOTHIAZINE 5-OXIDE * SD 270-36

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:338 mg/kg	APFRAD 30,851,72

10H-PHENOTHIAZINE-10-ETHANAMINE, N,N,alpha-TRIMETHYL-, MONOHYDROCHLORIDE see: SO8225000

10H-PHENOTHIAZINE-10-ETHANAMINE, N,N,beta-TRIMETHYL-, MONOHYDROCHLORIDE (9CI) see: SO5500000

10H-PHENOTHIAZINE-10-ETHANAMINIUM, N-(2-HYDROXYETHYL)-N,N,alpha-TRIMETHYL-, CHLORIDE (9CI) see: BR0990000

SP0175000 10H-PHENOTHIAZINE-10-ETHANAMINIUM, N,N,N,alpha-TETRAMETHYL-, METHYL SULFATE

UPDT:8403 CAS: 58-34-4 MW: 410.59 MOLFM: C18-H23-N2-S .C-H3-O4-S

SYN: AMMONIUM, TRIMETHYL(1-METHYL-2-PHENOTHIAZIN-10-YLETHYL)-, METHYL SULFATE * METHYLPHENAZONIUM METHOSULFATE * MULTERGAN * MULTERGAN METHYL SULFATE * MULTEZIN * PADISAL * N-(beta-(10-PHENOTHIAZINYL)PROPYL)TRIMETHYLAMMONIUM METHYL SULFATE * PMS * PROTHAZIN METHOSULFATE * 3354 R.P. * RP 3554 * N,N,N,alpha-TETRAMETHYL-10H-PHENOTHIAZINE-10-ETHANAMINIUM METHYL SULFATE * THIAZINAMIUM METHYL SULFATE * TRIMETHYL (1-METHYL-2-PHENOTHIAZIN-10-YLETHYL)AMMONIUM METHYL SULFATE * TRIMETHYL(1-METHYL-2-(10-PHENOTHIAZINYL)ETHYL)AMMONIUM METHYL SULFATE * VALAN

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:375 mg/kg	MEIEDD 10,1333,83
	ipr-mus LDLo:61 mg/kg	CLDND*

SP0215000 PHENOTHIAZINE, 10-(2-(5-ETHYL-1-METHYL-2-PIPERIDYL)ETHYL)-, HYDROCHLORIDE

UPDT:8405 MW: 389.04 MOLFM: C22-H28-N2-S .Cl-H

SYN: 10-(2-(5-ETHYL-1-METHYL-2-PIPERIDINYL)ETHYL)PHENOTHIAZINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1Y55	scu-mus LDLo:200 mg/kg	JAPMA8 46,333,57

PHENOTHIAZINE, 10-(2-(5-ETHYL-1-METHYL-2-PIPERIDYL)ETHYL)-, METHIODIDE see: TN4963000

SP0218000 PHENOTHIAZINE, 10-(N-ETHYL-N-(2-PIPERIDINOETHYL)GLYCYL)-, DIMALEATE

UPDT:8308 MW: 627.77 MOLFM: C23-H29-N3-O-S .2C4-H4-O4

SYN: 8-10 * 10-(N-ETHYL-N-(2-PIPERIDINOETHYL)GLYCYL)PHENOTHIAZINE DIMALEATE * (beta-PIPERIDYL-N'-ETHYL)-N-ETHYL-AMINOACETYL-10-PHENOTHIAZINE DIMALEATE

TOXICITY DATA AND REFERENCES:

2F11F21	orl-mus LD50:250 mg/kg	AIPTAK 134,255,61

SP0280000 PHENOTHIAZINE, 2-(ETHYLTHIO)-10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-

UPDT:8305 CAS: 1420-55-9 MW: 399.66 MOLFM: C22-H29-N3-S2

SYN: ETHYLTHIOPERAZINE * 10H-PHENOTHIAZINE, 2-(ETHYLTHIO)-10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)- * THEITHYLPERAZINE * THIETHYLPERAZINE

TOXICITY DATA AND REFERENCES:

1F25	orl-mus LD50:680 mg/kg	DNEUD5 7,45,80
*	ivn-mus LD50:90 mg/kg	NIIRDN 6,453,82

10H-PHENOTHIAZINE, 2-(ETHYLTHIO)-10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)- see: SP0280000

PHENOTHIAZINE HYDROCHLORIDE see: SO1750000

PHENOTHIAZINE, 10-(3-(4-(2-HYDROXYETHYL)-1-PIPERAZINYL)PROPYL)-2-(TRIFLUOROMETHYL)- see: TL9730000

SP0625000 10H-PHENOTHIAZINE, 10-(((1-(3-((HYDROXYIMINO)METHYL)PHENYL)ETHYLIDENE)HYDRAZINO)ACETYL)-

UPDT:8306 CAS: 67897-43-2 MW: 416.53 MOLFM: C23-H20-N4-O2-S

SYN: 10-(((1-(3-((HYDROXYIMINO)METHYL)PHENYL)ETHYLIDENE)HYDRAZINO)ACETYL)-10H-PHENOTHIAZINE

TOXICITY DATA AND REFERENCES:

3F02P30Y18	ipr-mus LD50:1000 mg/kg	IJEBA6 16,668,78

SP0625100 10H-PHENOTHIAZINE, 10-(((1-(2-HYDROXY-4-(PHENYLMETHOXY)PHENYL)PROPYLIDENE)HYDRAZINO)ACETYL)-

UPDT:8306 CAS: 67897-47-6 MW: 509.66 MOLFM: C30-H27-N3-O3-S

SYN: 10-(((1-(2-HYDROXY-4-(PHENYLMETHOXY)PHENYL)PROPYLIDENE)HYDRAZINO)ACETYL)-10H-PHENOTHIAZINE

TOXICITY DATA AND REFERENCES:

3F02P30Y18	ipr-mus LD50:1000 mg/kg	IJEBA6 16,668,78

SP0683000 PHENOTHIAZINE-2-METHANOL, 10-(3-(DIMETHYLAMINO)PROPYL)-alpha-(MORPHOLINOMETHYL)-

UPDT:8306 CAS: 13021-96-0 MW: 413.63 MOLFM: C23-H31-N3-O2-S

SYN: 10-(3-(DIMETHYLAMINO)PROPYL)-alpha-(MORPHOLINOMETHYL)PHENOTHIAZINE-2-METHANOL

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:282 mg/kg	CHTPBA 1,397,66

SP0875000 PHENOTHIAZINE, 2-METHOXY-10-(2-(1-METHYL-2-PIPERIDYL)ETHYL)-

UPDT:8302 CAS: 14759-04-7 MW: 354.55 MOLFM: C21-H26-N2-O-S

SYN: KS-33 * 2-METHOXY-10-(2-(1-METHYL-2-PIPERIDYL)ETHYL)PHENOTHIAZINE * 3-METHOXY-10-(2'-(N-METHYLPIPERIDYL-2')-ETHYL)PHENOTHIAZINE * OXYRIDAZINE * 10H-PHENOTHIAZINE, 2-METHOXY-10-(2-(1-METHYL-2-PIPERIDYL)ETHYL)-

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1130 mg/kg	27ZQAG -,27,72
*	orl-mus LD50:760 mg/kg	NIGZAY 82,607,68

10H-PHENOTHIAZINE, 2-METHOXY-10-(2-(1-METHYL-2-PIPERIDYL)ETHYL)- see: SP0875000

SP0910000 10H-PHENOTHIAZINE, 10-(((1-(4-METHOXYPHENYL)PHENETHYLIDENE)HYDRAZINO)ACETYL)-

UPDT:8306 MW: 479.63 MOLFM: C29-H25-N3-O2-S

SYN: 10-(((1-(4-METHOXYPHENYL)PHENETHYLIDENE)HYDRAZINO)ACETYL)-10H-PHENOTHIAZINE

TOXICITY DATA AND REFERENCES:

3F02P30Y18	ipr-mus LD50:1000 mg/kg	IJEBA6 16,668,78

SP0914000 PHENOTHIAZINE, 10-(3-(4-METHOXYPIPERIDINO)PROPYL)-

UPDT:8308 MW: 354.55 MOLFM: C21-H26-N2-O-S

SYN: 10-(3-(4-METHOXYPIPERIDINO)PROPYL)PHENOTHIAZINE

TOXICITY DATA AND REFERENCES:

1F25	scu-mus LD50:1350 mg/kg	AIPTAK 149,374,64

SP1132000 PHENOTHIAZINE, 10-(N-(2-(4-METHYL-1-PIPERAZINYL)ETHYL)-beta-ALANYL)-
UPDT:8308 MW: 396.60 MOLFM: C22-H28-N4-O-S
SYN: 10-(N-(2-(4-METHYL-1-PIPERAZINYL)ETHYL)-beta-ALANYL)PHENOTHIAZINE
TOXICITY DATA AND REFERENCES:
2F11F21 orl-mus LDLo:1000 mg/kg AIPTAK 134,255,61

SP1134000 PHENOTHIAZINE, 10-(N-(2-(4-METHYL-1-PIPERAZINYL)ETHYL)-beta-ALANYL)-, TRIMALEATE
UPDT:8308 MW: 744.84 MOLFM: C22-H28-N4-O-S .3C4-H4-O4
SYN: 10-(N-(2-(4-METHYL-1-PIPERAZINYL)ETHYL)-beta-ALANYL)PHENOTHIAZINE TRIMALEATE
TOXICITY DATA AND REFERENCES:
2F11F21 orl-mus LDLo:648 mg/kg AIPTAK 134,255,61

SP1134500 PHENOTHIAZINE, 10-(N-(2-(4-METHYL-1-PIPERAZINYL)ETHYL)GLYCYL)-
UPDT:8308 MW: 382.57 MOLFM: C21-H26-N4-O-S
SYN: 10-(N-(2-(4-METHYL-1-PIPERAZINYL)ETHYL)GLYCYL)PHENOTHIAZINE
TOXICITY DATA AND REFERENCES:
2F11F21 orl-mus LD20:900 mg/kg AIPTAK 134,255,61

SP1140000 PHENOTHIAZINE, 10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-
UPDT:8309 CAS: 84-97-9 MW: 339.54 MOLFM: C20-H25-N3-S
SYN: N-METHYL-PIPERAZINYL-N'-PROPYL-PHENOTHIAZIN (German) * N-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZINE * 10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-10H-PHENOTHIAZINE (9CI) * P 725 * PERAZINE * PERNAZINE * PSYTOMIN * TAXILAN
TOXICITY DATA AND REFERENCES:
3F07F19Y15 unk-hmn TDLo:270 mg/kg/28D ARZNAD 32,911,82
1F12 orl-rat LD50:500 mg/kg AIPTAK 115,1,58
ipr-rat LD50:300 mg/kg ARZNAD 8,199,58
ivn-rat LD50:80 mg/kg ARZNAD 8,199,58
orl-mus LD50:640 mg/kg ARZNAD 8,199,58
ipr-mus LD50:185 mg/kg ARZNAD 8,199,58
scu-mus LD50:560 mg/kg ARZNAD 8,199,58
ivn-mus LD50:75 mg/kg ARZNAD 8,199,58
ivn-rbt LD50:25 mg/kg ARZNAD 8,199,58
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SP1150000 PHENOTHIAZINE, 10-(N-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-beta-ALANYL)-, TRIMALEATE
UPDT:8308 MW: 738.87 MOLFM: C23-H30-N4-O-S .3C4-H4-O4
SYN: 10-(N-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-beta-ALANYL)PHENOTHIAZINE TRIMALEATE
TOXICITY DATA AND REFERENCES:
2F11F21 orl-mus LD50:1386 mg/kg AIPTAK 134,255,61

SP1173000 PHENOTHIAZINE, 10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-, DIHYDROCHLORIDE
UPDT:8305 MW: 412.46 MOLFM: C20-H25-N3-S .2Cl-H
SYN: 10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:500 mg/kg AIPTAK 123,78,59
* ivn-mus LD50:87 mg/kg AIPTAK 123,78,59
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SP1184000 PHENOTHIAZINE, 10-(N-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)GLYCYL)-, TRIMALEATE
UPDT:8308 MW: 744.84 MOLFM: C22-H28-N4-O-S .3C4-H4-O4
SYN: 10-(N-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)GLYCYL)PHENOTHIAZINE TRIMALEATE
TOXICITY DATA AND REFERENCES:
2F11F21 orl-mus LDLo:1878 mg/kg AIPTAK 134,255,61

SP1500000 PHENOTHIAZINE, 10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-2-(TRIFLUOROMETHYL)-
UPDT:8412 CAS: 117-89-5 MW: 407.54 MOLFM: C21-H24-F3-N3-S
SYN: FLUOPERAZINE * JATRONEURAL * 10-(gamma-(N'-METHYLPIPERAZINO)PROPYL)-2-TRIFLUOROMETHYLPHENOTHIOZINE * 10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-2-(TRIFLUOROMETHYL)PHENOTHIAZINE * RP 7623 * STELAZINE * STELLAZINE * TERFLUZINE * TRIFLUOPERAZINA (Italian) * TRIFLUOPERAZINE * TRIFLUOROMETHYL-10-(3'-(1-METHYL-4-PIPERAZINYL)PROPYL)PHENOTHIAZINE * TRIFLUOROMETHYLPERAZINE * TRIFLUPERAZINE * TRIPHTHAZINE
MUTATION DATA AND REFERENCES:
mmo-sat 2500 ug/L INJHA9 12,21,80
hma-mus/sat 144 mg/kg INJHA9 12,21,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:1500 mg/kg (4-18D preg) CLTEA4 58,255,71
1T85 scu-rat TDLo:8160 ug/kg (51D pre) PSYPAG 16,5,69
1T24 scu-rat TDLo:20 mg/kg (3D preg) JOENAK 27,337,63
1T81 unk-rat TDLo:8250 ug/kg (25D pre) PYRTAZ 29,497,71
3T25T26T34 orl-mus TDLo:1035 mg/kg (6-14D preg) PSDTAP 10,235,69
1T59 orl-mus TDLo:518 mg/kg (6-14D preg) PSDTAP 10,235,69
1T29 scu-mus TDLo:1 mg/kg (3D preg) JOENAK 43,225,69
1T29 unk-mus TDLo:120 mg/kg (1D pre) AJOGAH 83,1405,62
1T29 unk-mus TDLo:8 mg/kg (1D pre) FESTAS 12,346,61
2T35T59 orl-rbt TDLo:144 mg/kg (8-16D preg) PSDTAP 10,235,69
1T81 orl-rbt TDLo:36 mg/kg (8-16D preg) PSDTAP 10,235,69
TOXICITY DATA AND REFERENCES:
2D28F07 orl-rat LD50:543 mg/kg ARZNAD 27,866,77
2D28F07 orl-mus LD50:424 mg/kg ARZNAD 27,866,77
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JMSCA9 106,755,60; IDPYAK 1,203,74; ARVPAK 5,447,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SP1750000 PHENOTHIAZINE, 10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-2-(TRIFLUOROMETHYL)-, DIHYDROCHLORIDE
UPDT:8408 CAS: 440-17-5 MW: 480.46 MOLFM: C21-H24-F3-N3-S .2Cl-H
SYN: ESKAZINE * ESKAZINE DIHYDROCHLORIDE * FLUOPERAZINE * JATRONEURAL * 10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-2-TRIFLUOROMETHYLPHENOTHIAZINE DIHYDROCHLORIDE * SKF 5019 * STELAZINE * STELAZINE DIHYDROCHLORIDE * TERFLUZINE * TERFLUZINE DIHYDROCHLORIDE * TRIFLORPERAZINE DIHYDROCHLORIDE * TRIFLUOPERAZINE DIHYDROCHLORIDE * TRIFLUOPERAZINE HYDROCHLORIDE * TRIFLUOROPERAZINE DIHYDROCHLORIDE * TRIFLUOROPERAZINE HYDROCHLORIDE * TRIFLUOROPYRAZIN DIHYDROCHLORIDE * TRIFLUPERAZINE DIHYDROCHLORIDE * TRIFTAZIN * TRIPHTHAZINE * TRIPHTHAZINE DIHYDROCHLORIDE * TRYPTAZINE * TRYPTAZINE DIHYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T83 unk-rat TDLo:220 mg/kg (1-22D preg) FATOAO 36,165,73
TOXICITY DATA AND REFERENCES:
orl-rat LD50:740 mg/kg 27ZIAQ -,267,73
orl-mus LD50:442 mg/kg 27ZIAQ -,267,73
ivn-mus LD50:82 mg/kg APTOA6 19,87,62
ivn-dog LD50:50 mg/kg 29ZSA2 -,157,59
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SP1754000 PHENOTHIAZINE, 10-(N-METHYL-N-(2-PIPERIDINOETHYL)GLYCYL)-
UPDT:8308 MW: 381.58 MOLFM: C22-H27-N3-O-S
SYN: 10-(N-METHYL-N-(2-PIPERIDINOETHYL)GLYCYL)PHENOTHIAZINE * UCB 9
TOXICITY DATA AND REFERENCES:
2F11F21 orl-mus LD50:500 mg/kg AIPTAK 134,255,61

10H-PHENOTHIAZINE, 10-(2-(1-METHYL-2-PIPERIDINYL)ETHYL)-2-(METHYLTHIO)- see: SP2100000

SP1860000 PHENOTHIAZINE, 10-(2-(1-METHYL-2-PIPERIDYL)ETHYL)-
UPDT:8405 MW: 324.52 MOLFM: C20-H24-N2-S
SYN: 10-(2-(1-METHYL-2-PIPERIDINYL)ETHYL)PHENOTHIAZINE
TOXICITY DATA AND REFERENCES:
2F17Y55 scu-mus LDLo:100 mg/kg JAPMA8 46,333,57

PHENOTHIAZINE, 10-(2-(1-METHYL-2-PIPERIDYL)ETHYL)-, METHOBROMIDE see: TN4978000

SP1879000 10H-PHENOTHIAZINE, 10-(1-(1-METHYL-2-PIPERIDYL)ETHYL)-2-(METHYLSULFINYL)-
UPDT:8411 CAS: 31863-89-5 MW: 386.61 MOLFM: C21-H26-N2-O-S2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:61200 ug/kg JJPAAZ 21,41,71

SP2100000 PHENOTHIAZINE, 10-((1-METHYL-2-PIPERIDYL)ETHYL)-2-(METHYLTHIO)-
UPDT:8407 CAS: 50-52-2 MW: 370.61 MOLFM: C21-H26-N2-S2
SYN: MALLOROL * MELERIL * MELLARIL * MELLERETTE * MELLERETTEN * MELLERIL * 2-METHYLMERCAPTO-10-(2-N-METHYL-2-PIPERIDYL)ETHYL)PHENOTHIAZINE * 10-(2-(1-METHYL-2-PIPERIDYL)ETHYL)-2-(METHYLTHIO)PHENOTHIAZINE * 10H-PHENOTHIAZINE, 10-(2-(1-METHYL-2-PIPERIDINYL)ETHYL)-2-(METHYLTHIO)- * SONAPAX * THIORIDAZIN * THIORIDAZINE * TP-21
MUTATION DATA AND REFERENCES:
sln-dmg-orl 100 mg/L IJEBA6 11,403,73
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T04 orl-man TDLo:10 mg/kg (7D male) AJPSAO 118,171,61
1T04 orl-man TDLo:30 mg/kg (7D male) AJPSAO 117,1041,61
1T04 orl-man TDLo:3214 ug/kg (3D male) AJPSAO 118,173,61
1T81 scu-rat TDLo:80 mg/kg (1-18D preg) JNEUAY 3,295,62
1T29 unk-mus TDLo:100 mg/kg (1D pre) AJOGAH 83,1405,62
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:43 mg/kg ARGPAQ 34,955,77
2G10F10 orl-chd TDLo:25 mg/kg AJDCAI 130,507,76
1E16 orl-hmn TDLo:24 mg/kg AACRAT 52,938,73
orl-rat LD50:995 mg/kg TXAPA9 18,185,71
2F02F25 ipr-rat LD50:150 mg/kg PCJOAU 10,1001,76
3D28E04F40 scu-rat LD50:640 mg/kg MDCHAG 4(2),199,67
* orl-mus LD50:120 mg/kg ARZNAD 15,841,65
ipr-mus LD50:65 mg/kg JMCMAR 13,23,70
* scu-mus LD50:310 mg/kg YKKZAJ 90,800,70
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JMSCA9 106,755,60; IDPYAK 1,203,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SP2200000 PHENOTHIAZINE, 10-(2-(1-METHYL-2-PIPERIDYL)ETHYL)-2-(METHYLTHIO)-, and 10-(3-(4-METHYL-1- PIPERAZINYL)PROPYL)-2-(TRIFLUOROMETHYL)PHENOTHIAZINE
UPDT:8401 MW: 688.08 MOLFM: C21-H26-N2-S .C21-H23-N3-S
SYN: MELLARIL and STELAZINE * MELLARIL and TRIFLUOPERAZINE * STELAZINE and MELLARIL * STELAZINE and THIORIDAZINE * THIORIDAZINE and STELAZINE * THIORIDAZINE and TRIFLUOPERAZINE * TRIFLUOPERAZINE and MELLARIL * TRIFLUOPERAZINE and THIORIDAZINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T47T77 unk-wmn TDLo:150 mg/kg (90D pre/1-34W preg) CMAJAX 100,223,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SP2625000 PHENOTHIAZINE, 10-((1-METHYL-3-PIPERIDYL)METHYL)-
UPDT:8305 CAS: 60-89-9 MW: 310.49 MOLFM: C19-H22-N2-S
SYN: LACUMIN * MEPAZIN * MEPAZINE * MEPAZINE BASE * (N-METHYL-3-PIPERIDYL)METHYLPHENOTHIAZINE * 10-(1-METHYLPIPERIDYL-3-METHYL)PHENOTHIAZINE * 10-(1-METHYL-3-PIPERIDYL)METHYL PHENOTHIAZINE * P 391 * PACATAL * PACATAL BASE * PAKATAL * PAXITAL * PECATAL * PECAZINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:140 mg/kg ARZNAD 8,489,58
scu-mus LD50:750 mg/kg CANJAE 3,224,56
ivn-mus LD50:70 mg/kg ARZNAD 4,232,54
ivn-rbt LD50:20 mg/kg CANJAE 3,224,56
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JMSCA9 106,755,60

SP2975000 PHENOTHIAZINE, 10-((1-METHYL-3-PYRROLIDINYL)METHYL)-
UPDT:8412 CAS: 1982-37-2 MW: 296.46 MOLFM: C18-H20-N2-S
SYN: DILOSYN * DISYNCRAM * DISYNCRAN * METHDILAZINE * 10-((1-METHYL-3-PYRROLIDINYL)METHYL)-PHENOTHIAZINE * MJ 5022 * NCI-C60720 * PRODUCT 5022 * TACARYL * TACAZYL * TACRYL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:162 mg/kg TXAPA9 18,185,71
orl-mus LD50:225 mg/kg 27ZQAG -,29,72
ipr-mus LD50:183 mg/kg 27ZQAG -,29,72
orl-gpg LD50:263 mg/kg 27ZQAG -,29,72
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SP3150000 PHENOTHIAZINE, 10-((1-METHYL-3-PYRROLIDINYL)METHYL)-, HYDROCHLORIDE
UPDT:8403 CAS: 1229-35-2 MW: 332.92 MOLFM: C18-H20-N2-S .Cl-H
SYN: DILOSYN * DISYNCRAN * METHDILAZINE HYDROCHLORIDE * 10-((1-METHYL-3-PYRROLIDINYL)METHYL)PHENOTHIAZINE, HYDROCHLORIDE * MJ 5022 * TACARYL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 ipr-rat TDLo:150 mg/kg (2-4D preg) JRPFA4 9,359,65
TOXICITY DATA AND REFERENCES:
orl-rat LD50:320 mg/kg TXAPA9 18,185,71
orl-mus LD50:225 mg/kg TXAPA9 2,68,60
ipr-mus LD50:183 mg/kg TXAPA9 2,68,60
ivn-rbt LDLo:17 mg/kg TXAPA9 2,68,60
orl-gpg LD50:263 mg/kg TXAPA9 2,68,60
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SP3300000 PHENOTHIAZINE, 10-(N-(2-MORPHOLINOETHYL)-beta-ALANYL)-, DIMALEATE
UPDT:8308 MW: 615.71 MOLFM: C21-H25-N3-O2-S .2C4-H4-O4
SYN: 10-(N-(2-MORPHOLINOETHYL)-beta-ALANYL)PHENOTHIAZINE DIMALEATE
TOXICITY DATA AND REFERENCES:
2F11F21 orl-mus LD50:300 mg/kg AIPTAK 134,255,61

SP3325800 PHENOTHIAZINE, 10-(N-(2-MORPHOLINOETHYL)GLYCYL)-, DIMALEATE
UPDT:8308 MW: 601.68 MOLFM: C20-H23-N3-O2-S .2C4-H4-O4
SYN: 10-(N-(2-MORPHOLINOETHYL)GLYCYL)PHENOTHIAZINE DIMALEATE
TOXICITY DATA AND REFERENCES:
2F11F21 orl-mus LD20:1221 mg/kg AIPTAK 134,255,61

SP3330000 PHENOTHIAZINE, 10-(3-MORPHOLINOPROPYL)-
UPDT:8311 MW: 326.49 MOLFM: C19-H22-N2-O-S
SYN: 10-(3-MORPHOLINOPROPYL)PHENOTHIAZINE
TOXICITY DATA AND REFERENCES:
1F12 orl-rat LD50:1000 mg/kg AIPTAK 115,1,58

1F12 ivn-mus LD50:112 mg/kg AIPTAK 115,1,58

SP3332000 PHENOTHIAZINE, 10-(N-(3-MORPHOLINOPROPYL)-beta-ALANYL)-, DIMALEATE
UPDT:8308 MW: 629.74 MOLFM: C22-H27-N3-O2-S .2C4-H4-O4
SYN: 10-(N-(3-MORPHOLINOPROPYL)-beta-ALANYL)PHENOTHIAZINE DIMALEATE
TOXICITY DATA AND REFERENCES:
2F11F21 orl-mus LD50:680 mg/kg AIPTAK 134,255,61

SP3334000 PHENOTHIAZINE, 10-(N-(3-MORPHOLINOPROPYL)GLYCYL)-, DIMALEATE
UPDT:8308 MW: 615.71 MOLFM: C21-H25-N3-O2-S .2C4-H4-O4
SYN: 10-(N-(3-MORPHOLINOPROPYL)GLYCYL)PHENOTHIAZINE DIMALEATE
TOXICITY DATA AND REFERENCES:
2F11F21 orl-mus LD50:500 mg/kg AIPTAK 134,255,61

SP3340000 PHENOTHIAZINE, 10-(3-MORPHOLINOPROPYL)-, MONOHYDROCHLORIDE
UPDT:8305 MW: 362.95 MOLFM: C19-H22-N2-O-S .Cl-H
SYN: 10-(3-MORPHOLINOPROPYL)PHENOTHIAZINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1000 mg/kg AIPTAK 123,78,59
* ivn-mus LD50:112 mg/kg AIPTAK 123,78,59

SP4000000 10H-PHENOTHIAZINE, 10-(((1-PHENYLBUTYLIDENE)HYDRAZINO)ACETYL)-
UPDT:8306 CAS: 67897-49-8 MW: 401.56 MOLFM: C24-H23-N3-O-S
SYN: 10-(((1-PHENYLBUTYLIDENE)HYDRAZINO)ACETYL)-10H-PHENOTHIAZINE
TOXICITY DATA AND REFERENCES:
3F02P30Y18 ipr-mus LD50:1000 mg/kg IJEBA6 16,668,78

SP4005000 10H-PHENOTHIAZINE, 10-(((1-PHENYLETHYLIDENE)HYDRAZINO)ACETYL)-
UPDT:8306 CAS: 67897-40-9 MW: 373.50 MOLFM: C22-H19-N3-O-S
SYN: 10-(((1-PHENYLETHYLIDENE)HYDRAZINO)ACETYL)-10H-PHENOTHIAZINE
TOXICITY DATA AND REFERENCES:
3F02P30Y18 ipr-mus LD50:800 mg/kg IJEBA6 16,668,78

SP4120000 PHENOTHIAZINE, 10-(N-(2-PIPERIDINOETHYL)-beta-ALANYL)-, DIMALEATE
UPDT:8308 MW: 613.74 MOLFM: C22-H27-N3-O-S .2C4-H4-O4
SYN: 10-(N-(2-PIPERIDINOETHYL)-beta-ALANYL)PHENOTHIAZINE DIMALEATE
TOXICITY DATA AND REFERENCES:
2F11F21 orl-mus LD80:1206 mg/kg AIPTAK 134,255,61

SP4140000 PHENOTHIAZINE, 10-(3-PIPERIDINOPROPYL)-
UPDT:8308 CAS: 3733-38-8 MW: 324.52 MOLFM: C20-H24-N2-S
SYN: 10-(3-PIPERIDINOPROPYL)-PHENOTHIAZINE * RP 5512
TOXICITY DATA AND REFERENCES:
1F25 scu-mus LD50:1300 mg/kg AIPTAK 149,374,64

SP4160000 PHENOTHIAZINE, 10-(N-(3-PIPERIDINOPROPYL)GLYCYL)-, DIMALEATE
UPDT:8308 MW: 613.74 MOLFM: C22-H27-N3-O-S .2C4-H4-O4
SYN: 10-(N-(3-PIPERIDINOPROPYL)GLYCYL)PHENOTHIAZINE DIMALEATE
TOXICITY DATA AND REFERENCES:
2F11F21 orl-mus LD60:643 mg/kg AIPTAK 134,255,61

10H-PHENOTHIAZINE-10-PROPANAMINE, 2-CHLORO-N,N-DIMETHYL- see: SN8925000
10H-PHENOTHIAZINE-10-PROPANAMINE, 2-CHLORO-N,N-DIMETHYL-, MONOHYDROCHLORIDE see: SO1750000
10H-PHENOTHIAZINE-10-PROPANAMINE, N,N-DIMETHYL- see: SO7000000
10H-PHENOTHIAZINE-10-PROPANAMINE, N,N-DIMETHYL-, PHOSPHATE (9CI) see: SO8650000
10H-PHENOTHIAZINE-10-PROPANAMINE, N,N-DIMETHYL-2-(TRIFLUOROMETHYL)- see: SO8850000
10H-PHENOTHIAZINE-10-PROPANAMINE, N,N-DIMETHYL-2-(TRIFLUOROMETHYL)-, MONOHYDROCHLORIDE see: SO8925000
10H-PHENOTHIAZINE-10-PROPANAMINE, N,N,beta-TRIMETHYL- see: SO5700000

SP4725000 PHENOTHIAZINE, 10-(2-(1-PYRROLIDINYL)ETHYL)-
UPDT:8411 CAS: 84-08-2 MW: 296.46 MOLFM: C18-H20-N2-S
SYN: PARATHIAZINE * PYRATHIAZINE * PYRROLAZOATE * PYRROLAZOTE * PYRROLIDINE, 1-(2-PHENOTHIAZIN-10-YLETHYL)- * PYRROLIDINO-AETHYL-PHENTHIAZIN (German) * N-(beta-PYRROLIDINOETHYL)PHENOTHIAZINE * 10-(2-(1-PYRROLIDINYL)ETHYL)PHENOTHIAZINE * 10-(2-(1-PYRROLIDYL)ETHYL)PHENOTHIAZINE * ROLAZOTE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T27 scu-rat TDLo:450 mg/kg (6-8D preg) PSEBAA 89,629,55
TOXICITY DATA AND REFERENCES:
orl-mus LD50:707 mg/kg ARZNAD 7,237,57
ipr-mus LD50:190 mg/kg ARZNAD 7,237,57
* scu-mus LD50:1500 mg/kg 43FLAV 4(3),569,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SP4750000 PHENOTHIAZINE, 10-(N-(2-(1-PYRROLIDINYL)ETHYL)GLYCYL)-
UPDT:8308 MW: 353.52 MOLFM: C20-H23-N3-O-S
SYN: 10-(N-(2-(1-PYRROLIDINYL)ETHYL)GLYCYL)PHENOTHIAZINE
TOXICITY DATA AND REFERENCES:
2F11F21 orl-mus LD40:750 mg/kg AIPTAK 134,255,61

SP4900000 PHENOTHIAZINE, 10-(2-(1-PYRROLIDINYL)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8401 CAS: 522-25-8 MW: 332.92 MOLFM: C18-H20-N2-S .Cl-H
SYN: PYRATHIAZINE HYDROCHLORIDE * 10-(2-(2-PYROLIDYL)ETHYL)PHENOTHIAZINE HYDROCHLORIDE * PYRROLAZOTE * PYRROLAZOTE ABERGIC * PYRROLAZOTE HYDROCHLORIDE * N-(2-PYRROLIDINOETHYL)PHENOTHIAZINE HYDROCHLORIDE * 10-(2-(1-PYRROLIDYL)ETHYL)PHENOTHIAZINE HYDROCHLORIDE * ROLAZOTE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ipr-rat TDLo:100 mg/kg (4D preg) JRPFA4 8,225,64
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:26 mg/kg JPETAB 94,197,48
ipr-mus LD50:177 mg/kg 27ZQAG -,44,72
scu-mus LD50:1340 mg/kg JPETAB 94,197,48
ivn-mus LD50:37 mg/kg JPETAB 94,197,48
ivn-rbt LD50:36 mg/kg JPETAB 94,197,48
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SP5077000 PHENOTHIAZINE, 10-(N-(3-(1-PYRROLIDINYL)PROPYL)GLYCYL)-, DIMALEATE
UPDT:8308 MW: 599.71 MOLFM: C21-H25-N3-O-S .2C4-H4-O4
SYN: 10-(N-(3-(1-PYRROLIDINYL)PROPYL)GLYCYL)PHENOTHIAZINE DIMALEATE
TOXICITY DATA AND REFERENCES:
2F11F21 orl-mus LD40:1632 mg/kg AIPTAK 134,255,61

SP5080000 PHENOTHIAZINE, 10-(3-QUINUCLIDINYLMETHYL)-
UPDT:8309 CAS: 29216-28-2 MW: 322.50 MOLFM: C20-H22-N2-S
SYN: LM-209 * MEQUITAZINE * 10H-PHENOTHIAZINE, 10-(1-AZABICYCLO(2.2.2)OCT-3-YLMETHYL)- (9CI) * 10-(3-QUINUCLIDINYLMETHYL)PHENOTHIAZINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T46T71T85 orl-rat TDLo:13750 ug/kg (7-17D preg) OYYAA2 21,867,81
2T16T81 orl-rat TDLo:55 mg/kg (7-17D preg) OYYAA2 21,867,81
1T34 orl-rat TDLo:220 mg/kg (7-17D preg) OYYAA2 21,867,81
2T26T29 orl-rat TDLo:101 mg/kg (8W male/2W pre-7D preg) OYYAA2 21,855,81
2T46T53 orl-rbt TDLo:65 mg/kg (6-18D preg) OYYAA2 21,893,81
1T73 orl-rbt TDLo:325 mg/kg (6-18D preg) OYYAA2 21,893,81
1T29 orl-rbt TDLo:1625 mg/kg (6-18D preg) OYYAA2 21,893,81
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:245 mg/kg OYYAA2 22,491,81
* ipr-rat LD50:54 mg/kg OYYAA2 22,491,81
* scu-rat LD50:690 mg/kg OYYAA2 22,491,81
* orl-mus LD50:210 mg/kg OYYAA2 22,491,81
* ipr-mus LD50:54 mg/kg OYYAA2 22,491,81
* scu-mus LD50:278 mg/kg OYYAA2 22,491,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SP5130000 3-PHENOTHIAZINESULFONAMIDE, N,N-DIMETHYL-
UPDT:8309 MW: 273.35 MOLFM: C14-H13-N2-O2-S
SYN: N,N-DIMETHYL-3-PHENOTHIAZINESULFONAMIDE * 3-DIMETHYLSULPHAMIDOPHENOTHIAZINE
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MLD FCTOD7 20,572,82

SP5400000 PHENOTHIAZINE-2-SULFONAMIDE, N,N-DIMETHYL-10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-
UPDT:8412 CAS: 316-81-4 MW: 446.68 MOLFM: C22-H30-N4-O2-S2
SYN: MAJEPTYL * MAZEPTYL * 10H-PHENOTHIAZINE-2-SULFONAMIDE, N,N-DIMETHYL-10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)- * 7843 R.P. * RP 7843 * SKF 5883 * SULFENAZIN * THIOPERAZINE * THIOPROPERAZIN * THIOPROPERAZINE * (THIOPROPERAZINE)-2-DIMETHYLSULFAMIDO-(10-(3-1-METHYLPIPERAZINYL-4)PROPYL)-PHENOTHIAZINE * VONTIL
MUTATION DATA AND REFERENCES:
cyt-hmn:lym 5 mg/L CYGEDX 9(5),14,75
cyt-hmn:lym 5 mg/L CYGEDX 9(5),14,75
dlt-mus-ipr 5 mg/kg CYGEDX 9(5),14,75
dlt-mus-ipr 5 mg/kg CYGEDX 9(5),14,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 par-rat TDLo:200 mg/kg (1-8D preg) 15QWAW -,290,65
TOXICITY DATA AND REFERENCES:
1F25 orl-mus LD50:830 mg/kg DNEUD5 7,45,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

10H-PHENOTHIAZINE-2-SULFONAMIDE, N,N-DIMETHYL-10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)- see: SP5400000

SP5660000 PHENOTHIAZIN-5-IUM, 3-AMINO-7-(DIMETHYLAMINO)-, CHLORIDE
UPDT:8403 CAS: 531-53-3 MW: 291.82 MOLFM: C14-H14-N3-S .Cl
SYN: 3-AMINO-7-(DIMETHYLAMINO)PHENOTHIAZIN-5-IUM CHLORIDE * AZURE A * C.I. 52005 * asym-DIMETHYL-3,7-DIAMINOPHENAZATHIONIUM CHLORIDE * DIMETHYLTHIONINE
MUTATION DATA AND REFERENCES:
cyt-ham:ovr 20 umol/L/5H-C ENMUDM 1,27,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SP5680000 PHENOTHIAZIN-5-IUM, 3-AMINO-7-METHYLAMINO-, CHLORIDE
UPDT:8405 CAS: 531-57-7 MW: 277.79 MOLFM: C13-H12-N3-S .Cl
SYN: 3-AMINO-7-METHYLAMINOPHENOTHIAZIN-5-IUM CHLORIDE * AZURE C * 3-IMINO-7-(METHYLAMINO)-3H-PHENOTHIAZINE HYDROCHLORIDE * MONOMETHYLDIAMINODIPHENAZOTHIONIUM CHLORIDE * MONOMETHYLTHIONINE * MONOMETHYLTHIONINE CHLORIDE
MUTATION DATA AND REFERENCES:
cyt-ham:ovr 20 umol/L/5H-C ENMUDM 1,27,79

PHENOTHIAZIN-5-IUM, 3,7-BIS(DIMETHYLAMINO)-, CHLORIDE see: SO5600000
PHENOTHIAZIN-5-IUM, 3,7-DIAMINO-, CHLORIDE see: SN5425000
(3,7-PHENOTHIAZINYLENE)BIS(DIMETHYLSULFONIUM) DISULFATE see: WR8330000
1-(10-PHENOTHIAZINYLMETHYL)ETHYL-2-HYDROXYETHYLDIMETHYLAMMONIUM CHLORIDE see: BR0990000
1-(3-PHENOTHIAZIN-10-YLPROPYL)-4-PIPERIDINEETHANOL see: TM9520000
1-(3-PHENOTHIAZIN-10-YLPROPYL)-4-PIPERIDINOL see: TN7860010
N-(beta-(10-PHENOTHIAZINYL)PROPYL)TRIMETHYLAMMONIUM METHYL SULFATE see: SP0175000
PHENOTHIOL see: AG2650000
PHENOTURIC see: CQ6825000
PHENOVERM see: SN5075000
PHENO VIOLET N see: QK1420000
PHENOVIS see: SN5075000
PHENOX see: AG6825000
PHENOXAKSINE OXIDE see: SP6800000
PHENOXALIN see: BX5470000

SP6780000 PHENOXARSINE, 10-CHLORO-
UPDT:7908 CAS: 2865-70-5 MW: 278.57 MOLFM: C12-H8-As-Cl-O
SYN: DID 95
TOXICITY DATA AND REFERENCES:
orl-bwd LD50:100 mg/kg TXAPA9 21,315,72
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

10H-PHENOXARSINE, 10,10'-OXYBIS- (9CI) see: SP6800000

SP6800000 PHENOXARSINE, 10,10'-OXYDI-
UPDT:8312 CAS: 58-36-6 MW: 502.24 MOLFM: C24-H16-As2-O3
SYN: BIS(PHENOXARSIN-10-YL) ETHER * BIS(10-PHENOXARSYL) OXIDE * BIS(10 PHENOXYARSINYL) OXIDE * 10,10'-BIS(PHENOXYARSINYL) OXIDE * DID 47 * OBPA * 10,10'-OXIDIPHENOXARSINE * 10-10' OXYBISPHENOXYARSINE * PHENOXAKSINE OXIDE * 10H-PHENOXARSINE, 10,10'-OXYBIS- (9CI) * PXO * SA 546 * VINADINE * VINYZENE * VINYZENE BP 5 * VINYZENE BP 5-2 * VINYZENE (PESTICIDE) * VINYZENE SB 1
IRRITATION DATA AND REFERENCES:
skn-gpg 250 mg/5D SEV TXCYAC 10,341,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:40 mg/kg TXCYAC 10,341,78
orl-gpg LD50:24 mg/kg TXCYAC 10,341,78
ihl-gpg LCLo:12830 mg/m3 TXCYAC 10,341,78
orl-bwd LD50:24 mg/kg TXAPA9 21,315,72
orl-brd LD50:100 mg/kg TXAPA9 21,315,72
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SP7000000 PHENOXATHIIN, 2-DICHLOROARSINO-
UPDT:7901 CAS: 63834-20-8 MW: 345.07 MOLFM: C12-H7-As-Cl2-O-S
SYN: TL 472
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:250 mg/kg NCNSA6 5,13,53
ihl-mus LCLo:400 mg/m3/10M NDRC** NDCrc-132,Dec,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

SP7687000 PHENOXAZINE, 10-(3-(4-METHOXYPIPERIDINO)PROPYL)-
UPDT:8310 MW: 338.49 MOLFM: C21-H26-N2-O2
SYN: 10-(3-(4-METHOXYPIPERIDINO)PROPYL)PHENOXAZINE
TOXICITY DATA AND REFERENCES:
1F25 scu-mus LD50:1000 mg/kg AIPTAK 149,374,64

SP7687400 PHENOXAZINE, 10-(3-PIPERIDINOPROPYL)-
UPDT:8308 MW: 308.46 MOLFM: C20-H24-N2-O
SYN: 10-(3-PIPERIDINOPROPYL)-PHENOXAZINE
TOXICITY DATA AND REFERENCES:
1F25 scu-mus LD50:930 mg/kg AIPTAK 149,374,64

SP7695000 3H-PHENOXAZIN-3-ONE, 2-AMINO-
UPDT:8309 CAS: 1916-59-2 MW: 212.22 MOLFM: C12-H8-N2-O2
SYN: 2-AMINO-3H-PHENOXAZIN-3-ONE * 2-AMINOPHENOXAZON * 2-AMINOPHENOXAZONE * QUESTIOMYCIN A
MUTATION DATA AND REFERENCES:
dni-mus:ast 20 umol/L CPBTAL 17,105,69

dnd-mam lym 100 umol/L CPBTAL 17,105,59
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg 85GDA2 5,174,81

1-(3-PHENOXAZIN-10-YLPROPYL)-4-PIPERIDINEETHANOL see: TM9550000
1-(3-PHENOXAZIN-10-YLPROPYL)-4-PIPERIDINOL see: TN7860030
PHENOXAZOLE see: RQ2975000
PHENCXENE HYDROCHLORIDE see: KR2975000
PHENOXETHOL see: KM0350000
PHENOXETOL see: KM0350000
PHENOXUR see: SN5075000
PHENOXYACETALDEHYDE see: AB2990000
PHENOXYACETIC ACID see: AJ2230000
PHENOXYACETIC ACID alpha-((DIETHYLAMINO)METHYL)BENZYL ESTER HYDROCHLORIDE see: AJ2280000
PHENOXYACETIC ACID alpha-((ISOPROPYLMETHYLAMINO)METHYL)BENZYL ESTER HYDROCHLORIDE see: AJ2294000
PHENOXYACETIC ACID alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER HYDROCHLORIDE see: AJ2394000
(1-(PHENOXYACETYL)-1H-BENZIMIDAZOL-2-YL)CARBAMIC ACID METHYL ESTER see: FD0422000
1-PHENOXYACETYL-2-CARBOMETHOXYAMINOBENZIMIDAZOLE see: FD0422000
N-(PHENOXYACETYL)DEACETYLCOLCHICINE see: AC7670000
p-PHENOXYANILINE see: BY7930000
4-PHENOXYANILINE see: BY7930000
PHENOXYBENZAMIDE HYDROCHLORIDE see: DP3750000
PHENOXYBENZAMINE see: DP3500000
PHENOXYBENZAMINE HYDROCHLORIDE see: DP3750000
PHENOXYBENZENE see: KN8970000
3-PHENOXYBENZYL (+-)-3-(2,2-DICHLOROVINYL)-2,2-DIMETHYLCYCLOPROPANECARBOXYLATE see: GZ1255000
PHENOXYBENZYLPENICILLIN see: XH9320000
alpha-PHENOXYBENZYLPENICILLIN POTASSIUM see: XH9320000
8-PHENOXYCARBONYL-3-(HYDRAZINOCARBONYLOXY)TROPANE see: YM3545000
3-PHENOXY-1,2-EPOXYPROPANE see: TZ3675000
PHENOXYETHANOIC ACID see: AJ2230000
PHENOXYETHANOL see: KM0350000
2-PHENOXYETHANOL see: KM0350000
2-PHENOXYETHANOL ACRYLATE see: KM0700000
2-PHENOXYETHANOL PROPIONATE see: KM0900000
2-(2-PHENOXYETHOXY)ETHANOL see: KM0875000
PHENOXYETHYL ALCOHOL see: KM0350000
PHENOXYETHYL PROPIONATE see: KM0900000
5-(2-(PHENOXYETHYL)-1H-TETRAZOLE see: XF7530000
N-PHENOXYISOPROPYL-N-BENZYL-beta-CHLOROETHYLAMINE see: DP3500000
N-PHENOXYISOPROPYL-N-BENZYL-beta-CHLOROETHYLAMINE HYDROCHLORIDE see: DP3750000
N-2-PHENOXYISOPROPYL-N-BENZYL-CHLOROETHYLAMINE HYDROCHLORIDE see: DP3750000
PHENOXYLENE see: AG2625000
PHENOXYLENE PLUS see: AG1575000
PHENOXYLENE SUPER see: AG1575000
D-alpha-PHENOXYMETHYLPENICILLINATE K SALT see: XH9275000
PHENOXYMETHYLPENICILLIN POTASSIUM see: XH9275000
N-(gamma-(5-PHENOXYMETHYL-PHENYL)-PROPYL)-MORPHOLIN (German) see: QE8480000
N-(4-(PHENOXY-METHYL)-gamma-PHENYL-PROPYL)-MORPHOLIN (German) see: QE8480000
4-(3-(PHENOXYMETHYLPHENYL)PROPYL)MORPHOLINE see: QE8480000
4-(3-(p-PHENOXYMETHYLPHENYL)PROPYL)MORPHOLINE see: QE8480000
2-PHENOXYMETHYL-1-((4-PYRIDYLAMINO)METHYL)BENZIMIDAZOLE see: DE0356000
(p-PHENOXYPHENACYLIDENE)HYDRAZIDE of 1-PIPERIDINEACETIC ACID HYDROCHLORIDE see: TM3575000
m-PHENOXYPHENOL see: SM7700000
6-(alpha-PHENOXYPHENYLACETAMIDO)PENICILLANIC ACID POTASSIUM SALT see: XH9320000
(3-PHENOXYPHENYL)METHYL 3-(2,2-DICHLORETHENYL)-2,2-DIMETHYLCYCLOPROPANECARBOXYLATE see: GZ1255000
3-PHENOXY-1,2-PROPANEDIOL see: TZ1050000
PHENOXYPROPENE OXIDE see: TZ3675000
2-PHENOXYPROPIONIC ACID alpha-((DIMETHYLAMINO)METHYL)BENZYL ESTER HYDROCHLORIDE see: UF6524000
2-PHENOXYPROPIONIC ACID alpha-((ISOPROPYLMETHYLAMINO)METHYL)BENZYL ESTER HYDROCHLORIDE see: UF6544000
2-PHENOXYPROPIONIC ACID alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER see: UF6654000
2-(PHENOXY-2-PROPYLAMINO)-1-(p-HYDROXYPHENYL)-1-PROPANOL HYDROCHLORIDE see: DO8050000
PHENOXYPROPYLENE OXIDE see: TZ3675000
4-PHENOXY-3-(PYRROLIDINYL)-5-SULFAMOYLBENZOIC ACID see: DG3102000
16-PHENOXY-17,18,19,20-TETRANOR-2,3-trans-DIDEHYDRO-PGF2-alpha METHYL ESTER see: MI5431100
16-PHENOXY-17,18,19,20-TETRANOR-3,4-trans,cis-DIDEHYDRO-PGF1-alpha METHYL ESTER see: MJ9669200
16-PHENOXY-17,18,19,20-TETRANOR-3,4-cis-DIDEHYDRO-PGF2-alpha METHYL ESTER see: MI5431400
16-PHENOXY-17,18,19,20-TETRANOR-3,4-trans-DIDEHYDRO-PGF2-alpha METHYL ESTER see: MI5431300
16-PHENOXY-17,18,19,20-TETRANOR-3,4-trans,cis-DIDEHYDRO-PGF2-alpha METHYL ESTER see: MI5431150
16-PHENOXY-17,18,19,20-TETRANOR-2,3-trans-DIDEHYDROPROSTAGLANDIN F2-alpha METHYL ESTER see: MI5431100
16-PHENOXY-17,18,19,20-TETRANOR-3,4-trans,cis-DIDEHYDROPROSTAGLANDIN F1-alpha METHYL ESTER see: MJ9669200
16-PHENOXY-17,18,19,20-TETRANOR-3,4-cis-DIDEHYDROPROSTAGLANDIN F2-alpha METHYL ESTER see: MI5431400
16-PHENOXY-17,18,19,20-TETRANOR-3,4-trans-DIDEHYDROPROSTAGLANDIN F2-alpha METHYL ESTER see: MI5431300
16-PHENOXY-17,18,19,20-TETRANOR-3,4-trans,cis-DIDEHYDROPROSTAGLANDIN F2-alpha METHYL ESTER see: MI5431150
16-PHENOXY-omega-17,18,19,20-TETRANOR PGE-2 METHYLSULFONYLAMIDE see: MJ8810000
16-PHENOXY-17,18,19,20-TETRANOR-PGF2-alpha 1,15-LACTONE see: GY8420000
16-PHENOXY-17,18,19,20-TETRANOR-5,6-trans-PGF1-alpha METHYL ESTER see: MJ9669300
16-PHENOXY-omega-17,18,19,20-TETRANOR PROSTAGLANDIN E2 METHYLSULFONYLAMIDE see: MJ8810000
16-PHENOXY-17,18,19,20 TETRANOR PROSTAGLANDIN E(sub 2) METHYL SULFONYLAMIDE see: MJ8810000
16-PHENOXY-17,18,19,20-TETRANOR-PROSTAGLANDIN F2-alpha 1,15-LACTONE see: GY8420000
16-PHENOXY-17,18,19,20-TETRANOR-5,6-trans-PROSTAGLANDIN F1-alpha METHYL ESTER see: MJ9669300
16-PHENOXY-17,18,19,20-TETRANOR-2,3-trans,4,5-trans-TETRADEHYDRO-PGF1-alpha METHYL ESTER see: MI5431000
16-PHENOXY-17,18,19,20-TETRANOR-3,4-trans,5,6-trans-TETRADEHYDRO-PGF1-alpha METHYL ESTER see: MI5431200
PHENOXYTOL see: KM0350000
1-PHENOXY-3-((2-(o-TOLUIDINO)ETHYL)AMINO)-2-PROPANOL HYDROCHLORIDE see: UB8953000
PHENOXYTRIETHYLSTANNANE see: WH8597000
1-PHENOXY-3-((2-(2,5-XYLIDINO)ETHYL)AMINO)-2-PROPANOL HYDROCHLORIDE see: UB8961000
1-PHENOXY-3-((2-(2,6-XYLIDINO)ETHYL)AMINO)-2-PROPANOL HYDROCHLORIDE see: UB8961100
PHENOZIN see: DB7120000
PHENOZONE see: CD2450000
PHENPROBAMATE see: UB9275000
PHENPROMETHAMINE see: SH4935000
PHENPROMIN see: SI1750000
PHENSEDYL see: SO6825000
PHENSUXIMIDE see: WN3325000
PHENTANYL see: UE5550000
PHENTANYL CITRATE see: UE5600000
PHENTERAMINE HYDROCHLORIDE see: SH4950000
PHENTERMINE see: SH4025000
PHENTERMINE HYDROCHLORIDE see: SH4950000
PHENTHIAZINE see: SN5075000
PHENTHOATE see: AI7875000
PHENTIN ACETATE see: WH6650000
PHENTINOACETATE see: WH6650000
PHENTOIN see: MU1050000
PHENTOLAMINE MESILATE see: SL5430000
PHENTOLAMINE MESYLATE see: SL5430000
PHENTOLAMINE METHANESULFONATE see: SL5430000
PHENTOLAMINE METHANESULPHONATE see: SL5430000
PHENTONIUM BROMIDE see: YM3770000
PHENUDIN see: TD5775000
PHENURIDE see: YU1225000
PHENURON see: YU0875000
PHENURONE see: YU0875000
PHENUTAL see: YU0875000
(PHE(sup 2)-NVA(sup 3)-D-ALA(sup 6)-DES-GLY(sup 10))-LHRH ETHYLAMIDE see: OK6636000
PHENVALERATE see: CY1576350
(D-PHE(sup 2)-NVA(sup 3)-D-PHE(sup 6))-LHRH see: OK6637000
(D-PHE(sup 2)-NVA(sup 3)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6637000
PHENYCHOL see: DO5470000
PHENYLACETALDEHYDE see: CY1420000
PHENYLACETALDEHYDE DIMETHYL ACETAL see: AB3040000
PHENYLACETALDEHYDE ETHYLENEGLYCOL ACETAL see: JH6768000
PHENYLACETALDEHYDE GLYCERYL ACETAL see: JH8400000
N-PHENYLACETAMIDE see: AD7350000
PHENYLACETAMIDOPENICILLANIC ACID see: XH9400000
p-PHENYLACETANILIDE see: AE6125000
2'-PHENYLACETANILIDE see: AE6000000
3'-PHENYLACETANILIDE see: AE6050000
4'-PHENYLACETANILIDE see: AE6125000
N'-PHENYLACETHYDRAZIDE see: AJ2900000
PHENYLACETIC ACID see: AJ2430000
omega-PHENYLACETIC ACID see: AJ2430000
PHENYLACETIC ACID ALLYL ESTER see: AJ2450000
PHENYLACETIC ACID CHLORIDE see: AO7000000
PHENYL ACETIC ACID DIETHYLAMINOETHOXYETHANOL ESTER CITRATE see: ET5960000
PHENYLACETIC ACID (4-(DIMETHYLAMINO)-2,2-DIPHENYL-1-ETHYL)PENTYL ESTER, HYDROCHLORIDE see: AJ2700000
PHENYLACETIC ACID, ETHYL ESTER see: AJ2824000
PHENYLACETIC ACID, p-METHOXYBENZYL ESTER see: AJ3000000
PHENYLACETIC ACID, METHYL ESTER see: AJ3175000
PHENYLACETIC ACID, PHENETHYL ESTER see: AJ3255000
PHENYLACETIC ALDEHYDE see: CY1420000
PHENYLACETONE see: UC3500100
alpha-PHENYLACETONE see: UC3500100
PHENYLACETONITRILE see: AM1400000
2-PHENYLACETONITRILE see: AM1400000
PHENYLACETONITRILE, liquid (DOT) see: AM1400000
4'-PHENYL-o-ACETOTOLUIDE see: AN3675000
PHENYLACETYL CHLORIDE see: AO7000000
alpha-PHENYLACETYL CHLORIDE see: AO7000000
PHENYLACETYL CHLORIDE (DOT) see: AO7000000
3-(alpha-PHENYL-beta-ACETYLETHYL)-4-HYDROXYCOUMARIN see: GN4550000
3-(1'-PHENYL-2'-ACETYLETHYL)-4-HYDROXYCOUMARIN see: GN4550000
(PHENYL-1 ACETYL-2 ETHYL) 3-HYDROXY-4 COUMARINE (French) see: GN4550000
5-PHENYLACETYL GENTISIC ACID see: LY3861000
PHENYL ACETYL NITRILE see: AM1400000
(PHENYLACETYL)UREA see: YU0875000
alpha-PHENYLACETYLUREA see: YU0875000
PHENYLACETYLUREE (French) see: YU0875000
DL-N-(PHENYLACETYL)-N-(2,6-XYLYL)ALANINE METHYL ESTER see: AY7561000
PHENYLACROLEIN see: GD6475000
3-PHENYLACROLEIN see: GD6475000
PHENYLACRYLIC ACID see: GD7800000
tert-beta-PHENYLACRYLIC ACID see: GD7800000
3-PHENYLACRYLIC ACID see: GD7800000
beta-PHENYLAETHYLAMIN (German) see: SG8750000
1-PHENYLAETHYLBIGUANID HYDROCHLORID (German) see: DU2200000
PHENYLAETHYLCARBINOL (German) see: DO5470000 BENZYL ALCOHOL, alpha-ETHYL-
PHENYLAETHYL-HYDRAZIN see: MV8750000
N-(1-(beta-PHENYLAETHYL)-PIPERIDIN-4-YL)-N-PROPIONYLANTHRANILSAEUREAETHYLESTER HCl (German) see: CB3723100
N-(1-(beta-PHENYLAETHYL)-PIPERIDIN-4-YL)-N-PROPIONYLANTHRANILSAEUREMETHYLESTER HCl DIHYDRATE see: CB3723300
N-(1-(beta-PHENYLAETHYL)-PIPERIDIN-4-YL)-N-PROPIONYLANTHRANILSAEURE-n-PROPYLESTER HCl see: CB3723500
PHENYLALANINE see: AY7535000
PHENYLALANIN-LOST (German) see: AY3600000
PHENYL-alpha-ALANINE see: AY7535000
beta-PHENYLALANINE see: AY7535000
beta-PHENYL-alpha-ALANINE, L- see: AY7535000
D-PHENYLALANINE see: AY7533000
D-beta-PHENYLALANINE see: AY7533000
L-PHENYLALANINE see: AY7535000
L-beta-PHENYLALANINE see: AY7535000
(S)-PHENYLALANINE see: AY7535000
3-PHENYLALANINE see: AY7535000
Reaction mixture of DL-PHENYLALANINE and L-ASCORBIC ACID see: CI7671050
L-PHENYLALANINE, N-L-alpha-ASPARTYL-, 1-METHYL ESTER (9CI) see: WM3407000
D-PHENYLALANINE, 4-(BIS(2-CHLOROETHYL)AMINO)- (9CI) see: AY3370000
DL-PHENYLALANINE, 4-(BIS(2-CHLOROETHYL)AMINO)- see: AY3600000
L-PHENYLALANINE, 4-(BIS(2-CHLOROETHYL)AMINO)- see: AY3675000
DL-PHENYLALANINE, N-(3-(BIS(2-CHLOROETHYL)AMINO)-4-METHYLBENZOYL)-4-CHLORO- (9CI) see: AY3293000

PHENYLALANINE, 2-((BIS(2-CHLOROETHYL)AMINO)METHYL)-, DIHYDROCHLORIDE (9CI) see: AY3310000

SQ7330400 PHENYLALANINE, 2-((BIS(2-CHLOROETHYL)AMINO)METHYL)-5-NITRO-
UPDT:8305 CAS: 54940-95-3 MW: 364.26 MOLFM: C14-H19-Cl2-N3-O4
SYN: AT-1258 * 2-((BIS(2-CHLOROETHYL)AMINO)METHYL)-5-NITROPHENYLALANINE * NITROCAPHANE
TOXICITY DATA AND REFERENCES:
1V30 orl-mus LD50:50 mg/kg CYLPDN 2,121,81
1V30 ipr-mus LD50:15100 ug/kg CYLPDN 2,121,81

DL-PHENYLALANINE, N-((4-(BIS(2-CHLOROETHYL)AMINO)PHENYL)ACETYL)-4-CHLORO- (9CI) see: AY3700500
DL-PHENYLALANINE, N-(3-BROMO-1-OXOPROPYL)-4-CHLORO- (9CI) see: AY4251400
PHENYLALANINE, 4-CHLORO- (9CI) see: AY4390000
DL-PHENYLALANINE, 4-CHLORO- (9CI) see: AY4390000
DL-PHENYLALANINE, 4-CHLORO-N-((2-METHYLPROPOXY)CARBONYL)-, MONOSODIUM SALT (9CI) see: AY4455000
DL-PHENYLALANINE, 4-CHLORO-N-(PHENYLACETYL)-, MONOSODIUM SALT (9CI) see: AY4460000
DL-PHENYLALANINE, 4-CHLORO-N-((PHENYLMETHOXY)CARBONYL)-, MONOSODIUM SALT (9CI) see: AY4463000
L-PHENYLALANINE, N-(DITHIOCARBOXY)-, DISODIUM SALT see: AY6042000 ALANINE, N-(DITHIOCARBOXY)-3-PHENYL-, L-, DISODIUM SALT
PHENYLALANINE, 2-FLUORO- (9CI) see: AY6307000
PHENYLALANINE, 4-FLUORO- (9CI) see: AY6310000
PHENYLALANINE MUSTARD see: AY3675000
D-PHENYLALANINE MUSTARD see: AY3370000
DL-PHENYLALANINE MUSTARD see: AY3600000
L-PHENYLALANINE MUSTARD see: AY3675000
L-PHENYLALANINE MUSTARD HYDROCHLORIDE see: AY4025000
PHENYLALANINE NITROGEN MUSTARD see: AY3675000
L-PHENYLALANINE, N-((PHENYLMETHOXY)CARBONYL)- (9CI) see: AY4343000
N-L-PHENYLALANYL L-2-AMINO-1-PHENYLPROPANE see: AY2976000
N-D-PHENYLALANYLCARMINOMYCIN see: QI9293140
N-D-PHENYLALANYLKARMINOMYCIN see: QI9293140
N-D-PHENYLALANYLRUBOMYCIN see: QI9293100
PHENYLALANYLTRYPTOPHAN see: YN7405800
N-D-PHENYLALANYL-D-TRYPTOPHAN see: YN7405500
N-D-PHENYLALANYL-L-TRYPTOPHAN see: YN7405700
N(sup alpha)-D-PHENYLALANYL-D-TRYPTOPHANAMIDE see: YN6475000
N-D-PHENYLALANYL-D-TRYPTOPHAN METHYL ESTER see: YN7506000
gamma-PHENYLALLYL ACETATE see: GE2275000
gamma-PHENYLALLYL ALCOHOL see: GE2200000
3-PHENYLALLYL ALCOHOL see: GE2200000
PHENYLALLYLAMINE HYDROCHLORIDE see: GE2372000
gamma-PHENYLALLYLAMINE HYDROCHLORIDE see: GE2372000
PHENYLALLYL CINNAMATE see: GD8562000
N-(PHENYLAMIDINO)-4-MORPHOLINECARBOXAMIDINE MONOHYDROCHLORIDE see: QD9860000
PHENYLAMINE see: BW6650000
PHENYLAMINE HYDROCHLORIDE see: CY0875000
PHENYLAMINOACETIC ACID ISOAMYL ESTER HYDROCHLORIDE see: MC0840000
N-PHENYL-p-AMINOANILINE see: ST3150000
1-PHENYL-2-AMINO-ATHAN (German) see: SG8750000
4-(PHENYLAMINO)BUTANE see: BW9450000
2-PHENYL-1-AMINOBUTANE HYDROCHLORIDE see: SH6530000
PHENYL-alpha-AMINO-n-BUTYRAMIDE-p-ARSONIC ACID see: CF9490000
beta-PHENYL-gamma-AMINOBUTYRATE see: ES7175000
beta-PHENYL-gamma-AMINOBUTYRIC ACID see: ES7175000
beta-PHENYL-gamma-AMINOBUTYRIC ACID HYDROBROMIDE see: ES7185000
N-PHENYLAMINOCARBONYL)AZIRIDINE see: CM6780000
17-beta-PHENYLAMINOCARBONYLOXYOESTRA-1,3,5(10)-TRIENE-3-METHYL ETHER see: KG7733000
1-PHENYL-4-AMINO-5-CHLOROPYRIDAZIN-6-ONE see: Uxo125000
1-PHENYL-4-AMINO-5-CHLOROPYRIDAZ-6-ONE see: UR6125000
1-PHENYL-4-AMINO-5-CHLORO-6-PYRIDAZONE see: UR6125000
1-PHENYL-4-AMINO-5-CHLOROPYRIDAZONE-6 see: UR6125000
1-PHENYL-4-AMINO-5-CHLORPYRIDAZ-6-ONE see: UR6125000
2-PHENYL-1-AMINOCYCLOPROPANE, trans- see: GZ2450000
2,2'-(PHENYLAMINO)DIETHANOL see: KM2100000
p-PHENYLAMINODIPHENYLAMINE see: ST2275000
4-PHENYLAMINODIPHENYLAMINE see: ST2275000
1-PHENYL-2-AMINOETHANE see: SG8750000
1-PHENYL-2-AMINOETHANE HYDROCHLORIDE see: SH7175000
2-(PHENYLAMINO)ETHANOL see: KJ7175000
1-PHENYL-2-(2-AMINOETHYL)ISOTHIOURONIUM DIBROMIDE see: UM0050000
(PHENYLAMINO)ETHYL METHACRYLATE see: OZ3400000 METHACRYLIC ACID, 2-ANILINOETHYL ESTER
PHENYL-beta-AMINOETHYL METHACRYLATE see: OZ3400000 METHACRYLIC ACID, 2-ANILINOETHYL ESTER
2-PHENYLAMINOETHYL METHACRYLATE see: OZ3400000 METHACRYLIC ACID, 2-ANILINOETHYL ESTER
PHENYL-alpha-AMINOISOBUTYRAMIDE-p-ARSONIC ACID see: CF9470000
2-PHENYLAMINONAPHTHALENE see: QM4550000
PHENYL-p-AMINOPHENOL see: SJ6950000
N-PHENYL-p-AMINOPHENOL see: SJ6950000
1-PHENYL-2-AMINO-PROPAN (German) see: SH9000000
d-1-PHENYL-2-AMINOPROPAN (German) see: SH9100000
1-PHENYL-2-AMINOPROPANE see: SH9000000
d-1-PHENYL-2-AMINOPROPANE see: SH9100000
dl-1-PHENYL-2-AMINOPROPANE see: SH9450000
PHENYL-2-AMINO-1-PROPANE HYDROCHLORIDE see: DP4900000
1-PHENYL-2-AMINOPROPANE MONOPHOSPHATE see: SI0875000
d-1-PHENYL-2-AMINOPROPANE SULFATE see: SI1400000
dextro-1-PHENYL-2-AMINO-PROPANE SULFATE see: SI1400000
DL-1-PHENYL-2-AMINO-1-PROPANOL MONOHYDROCHLORIDE see: DN4200000
4-PHENYLAMINOPYRROLO(3,2-d)PYRIMIDINE see: UY8842000
3-PHENYL-5-AMINO-1,2,4-TRIAZOLYL-(1)-(N,N'-TETRAMETHYL) DIAMIDOPHOSPHONATE see: TA1400000
PHENYL-n-AMYL CAMPHORATE SODIUM see: GY4213000
m-PHENYLANILINE see: DU8900000
N-PHENYLANILINE see: JJ7800000
o-PHENYLANILINE see: DU8850000
p-PHENYLANILINE see: DU8925000
2-PHENYLANILINE see: DU8850000
3-PHENYLANILINE see: DU8900000
o-PHENYL ANISOLE see: BZ8835000
2-PHENYLANISOLE see: BZ8835000
PHENYL ARSENIC ACID see: CY3150000
PHENYLARSENOXIDE see: CH8100000
PHENYLARSINEDICHLORIDE see: CH5425000
PHENYL ARSINE OXIDE see: CH8100000
PHENYLARSONIC ACID see: CY3150000
beta-PHENYLATHYLAMINHYDROCHLORID (German) see: SH7175000
N-PHENYL-1-AZIRIDINECARBOXAMIDE see: CM6780000
PHENYLAZO see: US7875000
p-PHENYLAZOACETANILIDE see: AE6300000
4'-PHENYLAZOACETANILIDE see: AE6300000
p-(PHENYLAZO)ANILINE see: BY8225000
4-(PHENYLAZO)ANILINE see: BY8225000
4-(PHENYLAZO)-o-ANISIDINE see: BZ7350000
1-PHENYLAZO-2-ANTHROL see: CB8925000
4-(PHENYLAZO)BENZENAMINE see: BY8225000
4-(PHENYLAZO)-1,3-BENZENEDIAMINE, MONOHYDROCHLORIDE see: ST3380000
PHENYLAZODIAMINOPYRIDINE HYDROCHLORIDE see: US7875000
beta-PHENYLAZO-alpha,alpha'-DIAMINOPYRIDINE HYDROCHLORIDE see: US7875000
3-PHENYLAZO-2,6-DIAMINOPYRIDINE HYDROCHLORIDE see: US7875000
PHENYLAZO-alpha,alpha'-DIAMINOPYRIDINE MONOHYDROCHLORIDE see: US7875000
PHENYLAZOINDOLE see: NM1275000 1H-INDOLE, (PHENYLAZO)-
N-PHENYLAZO-N-METHYLTAURINE SODIUM SALT see: XY2785000
1-(PHENYLAZO)-2-NAPHTHALENAMINE see: QM4725000
1-(PHENYLAZO)-2-NAPHTHALENOL see: QL4900000
1-PHENYLAZO-beta-NAPHTHOL see: QL4900000
1-PHENYLAZO-2-NAPHTHOL see: QL4900000
1-PHENYLAZO-2-NAPHTHOL-6,8-DISULFONIC ACID, DISODIUM SALT see: QJ6500000
1-PHENYLAZO-2-NAPHTHOL-6,8-DISULPHONIC ACID, DISODIUM SALT see: QJ6500000
1-PHENYLAZO-2-NAPHTHYLAMINE see: QM4725000
p-PHENYLAZOPHENOL see: SM8300000
4-PHENYLAZOPHENOL see: SM8300000
p-PHENYLAZOPHENYLAMINE see: BY8225000
(PHENYLAZO-4-PHENYLAZO)-1-ETHYLAMINO-2-NAPHTHALENE see: QM2850000
1-(4-PHENYLAZO-PHENYLAZO)-2-ETHYLAMINONAPHTHALENE see: QM2850000
1-((4-(PHENYLAZO)PHENYL)AZO)-2-NAPHTHALENOL see: QK4250000
1-((p-PHENYLAZO)PHENYL)AZO-2-NAPHTHOL see: QK4250000
4-PHENYLAZO-m-PHENYLENEDIAMINE HYDROCHLORIDE see: ST3380000
4-(PHENYLAZO)-m-PHENYLENEDIAMINE, MONOHYDROCHLORIDE see: ST3380000
1-(p-(PHENYLAZO)PHENYL)PIPERIDINE see: TN2268000
1-(p-(PHENYLAZO)PHENYL)PYRROLIDINE see: UY1780300
3-(PHENYLAZO)-2,6-PYRIDINEDIAMINE see: US7700000
3-(PHENYLAZO)-2,6-PYRIDINEDIAMINE, HYDROCHLORIDE see: US7875000
PHENYLAZOPYRIDINE HYDROCHLORIDE see: US7875000
PHENYLAZO TABLET see: US7700000
PHENYLAZO TABLETS see: US7875000
5-PHENYL-1:2-BENZANTHRACENE see: CX2975000
N-PHENYLBENZENAMINE see: JJ7800000
PHENYLBENZENE see: DU8050000
alpha-PHENYLBENZENEACETIC ACID 2-(DIETHYLAMINO)ETHYL ESTER see: AH2625000
trans-3-PHENYL-1,4-BENZODIOXAN-2-CARBOXYLIC ACID 2-(DIETHYLAMINO)ETHYL ESTER CITRATE see: DF3517500
1-(2-(p-(2-PHENYL-3-BENZOFURANYL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE see: UY1780400
2-PHENYL-4H-1-BENZOPYRAN-4-ONE see: DJ3100630
2-PHENYL-3,1-BENZOXAZINONE-(4) see: DM3950000
beta,p-PHENYLBENZOYLPROPIONIC ACID see: DV1761000
p-PHENYLBENZYL ALCOHOL see: DV5425000
2-PHENYL-BENZYL-AMINO-METHYLIMIDAZOLIN (German) see: NJ2000000
2-(N-PHENYL-N-BENZYLAMINOMETHYL)IMIDAZOLINE see: NJ2000000
2-PHENYLBENZYLAMINOMETHYLIMIDAZOLINE HYDROCHLORIDE see: NJ2150000
8-(p-PHENYLBENZYL)ATROPINIUM BROMIDE see: CK2990000
p-PHENYLBENZYL CHLORIDE see: DV2087000
4-PHENYLBENZYL CHLORIDE see: DV2087000
alpha-PHENYLBENZYLCYANIDE see: AL9800000
p-(alpha-PHENYLBENZYLIDENE)-1,1-DIMETHYLPIPERIDINIUM METHYL SULFATE see: TN5075000
PHENYLBIGUANIDE HYDROCHLORIDE see: DU2550000
PHENYLBIGUANIDE MONOHYDROCHLORIDE see: DU2550000
N'-PHENYLBIGUANIDE MONOHYDROCHLORIDE see: DU2550000
1-PHENYLBIGUANIDE MONOHYDROCHLORIDE see: DU2550000
4-PHENYLBIPHENYL see: WZ6475000
PHENYLBIS(2-CHLOROETHYLAMINE) see: BW8225000
PHENYL N,N'-BIS(1-METHYL-2-PHENYLETHYL)PHOSPHORODIAMIDATE see: TD2633000
N-(3-PHENYL-4,5-BIS((TRIFLUOROMETHYL)IMINO)-2-THIAZOLIDINYLIDENE)BENZENAMINE see: CY1202500BENZENAMINE, N-(3-PHENYL-4,5-BIS((TRIFLUOROMETHYL)IMINO)-2-THIAZOLIDINYLIDENE)-
PHENYL BROMIDE see: CY9000000
PHENYLBUTAMATE see: EK2450000
1-PHENYLBUTANE see: CY9070000
2-PHENYLBUTANE see: CY9100000
2-PHENYL-1,2-BUTANEDIOL 1-CARBAMATE see: EK2450000
4-PHENYL-2-BUTANONE see: EL9600000
PHENYLBUTAZ see: UQ8225000
PHENYLBUTAZONE see: UQ8225000
PHENYLBUTAZONE, AMINOPYRINE combined with HEPTABARBITAL (3:7:7.5) see: UW5954800
PHENYLBUTAZONE, AMINOPYRINE, HEPTABARBITAL combined with CODEINE see: QD1010000 MORPHINAN-6OL, 7,8-DIDEHYDRO-4,5-EPOXY-3-METHOXY-17-METHYL-, (5-alpha,6-alpha)-, mixt. with 4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE, 5-(1-CYCLOHEPTEN-1-YL)-5-ETHYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE and 4-(DIMETHYLAMINO)-1,2-DIHYDRO-1,5-DIMETHYL-2-PHENYL-3H-PYRAZOL-3-ONE
PHENYLBUTAZONE CALCIUM SALT see: UQ8275000
PHENYLBUTAZONE and CARISOPRODOL (1:2) see: UQ8276000
PHENYLBUTAZONE SODIUM see: UQ8300000
PHENYLBUTAZONE SODIUM SALT see: UQ8300000
PHENYLBUTAZONUM see: UQ8225000
trans-4-PHENYL-3-BUTENE-2-ONE see: EN0330050
4-PHENYL-3-BUTEN-2-ONE see. EN0330000
PHENYLBUTENYLAMINE HYDROCHLORIDE see: GE2373000
1-(4-PHENYL-2-BUTENYL)PIPERIDINE HYDROCHLORIDE see: TN2270000
2-PHENYL-tert-BUTYLAMINE see: SH4025000
PHENYLBUTYLCARBINOL see: DN8780000
10-(((1-PHENYLBUTYLIDENE)HYDRAZINO)ACETYL)-10H-PHENOTHIAZINE see: SP4000000
2-(alpha-PHENYLBUTYRAMINO)-3,5-DIIODOBENZOIC ACID see: CB2999700
alpha-PHENYL BUTYRIC ACID see: ET5957500
2-PHENYLBUTYRIC ACID see: ET5957500
2-PHENYLBUTYRIC ACID 2-(2-(DIETHYLAMINO)ETHOXY)ETHYL ESTER CITRATE see: ET5960000
PHENYLBUTYRIC ACID NITROGEN MUSTARD see: ES7525000
2-PHENYLBUTYRYLUREA see: YU1225000
N-(alpha-PHENYLBUTYRYL)UREA see: YU1225000
1-PHENYL-2-(CAFFEINO-(8))-AMINOPROPANOL-(1) see: EV6568500 CAFFEINE, 8-((beta-HYDROXY-alphaMETHYLPHENETHYL)AMINO)-
N-PHENYLCARBAMATE D'ISOPROPYLE (French) see: FD9100000
N-PHENYLCARBAMIC ACID, ISOPROPYL ESTER see: FD9100000
PHENYLCARBAMIC ACID, 1-METHYLETHYL ESTER see: FD9100000
PHENYLCARBAMIDE see: YU0650000
PHENYL-N-CARBAMOYLAZIRIDINE see: CM6780000

1-PHENYLCARBAMOYLAZIRIDINE see: CM6780000
2-PHENYL-CARBAMOYLOXY-N-AETHYL-PROPIONAMID (German) see: FD8900000
(PHENYLCARBAMOYLOXY)-2-N-ETHYLPROPIONAMIDE see: FD8900000
O-(N-PHENYLCARBAMOYL)-PROPANONOXIM (German) see: AL6900000
O-(N-PHENYLCARBAMOYL)PROPANONOXIME see: AL6900000
5-(PHENYLCARBAMYLOXIMINO)-10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTENE see: HP1305000
PHENYLCARBIMIDE see: DA3675000
PHENYLCARBINOL see: DN3150000
PHENYL CARBITOL see: KM0875000
N-PHENYL-N-CARBOMETHOXYPHENYLACETIC ACID METHYL ESTER see: FD7674000
PHENYL CARBONATE see: FG0500000
PHENYL CARBONIMIDE see: DA3675000
N-PHENYLCARBONIMIDIC DICHLORIDE see: NJ6700000
PHENYLCARBONYLAMINOACETIC ACID see: MR8150000
PHENYLCARBOXYAMIDE see: CU8700000
PHENYL CARBOXYLIC ACID see: DG0875000
PHENYL CARBYLAMINE CHLORIDE see: NJ6700000
PHENYLCARBYLAMINE CHLORIDE (DOT) see: NJ6700000
PHENYL CELLOSOLVE see: KM0350000
PHENYL CELLOSOLVE ACRYLATE see: KM0700000
PHENYL CHLORIDE see: CZ0175000
N-PHENYLCHLOROACETAMIDE see: AE1000000
PHENYL CHLOROCARBONATE see: FG3850000
PHENYL CHLOROFORM see: XT9275000
PHENYL CHLOROFORMATE see: FG3850000
PHENYLCHLOROFORMATE (DOT) see: FG3850000
3-PHENYL-5-CHLOROIMIDAZO(4,5-b)PYRIDINE-2-THIONE see: NJ5825000
3-PHENYL-5-CHLOROIMIDAZO(4,5-b)PYRIDIN-2-ONE see: NJ5830970
PHENYL CHLOROMERCURY see: OW1400000
PHENYLCHLOROMETHYLKETONE see: AM6300000
2-(2-PHENYL-2-(4-CHLOROPHENYL)ACETYL)-1,3-INDANDIONE see: NK5335000
2-PHENYL-3-(4-CHLOROPHENYL)-4'-(beta-PYRROLIDINOETHOXY)ACRYLOPHENONE see: FL7006000
PHENYLCHOLON see: DO5470000
PHENYLCHROMONE see: DJ3100630
2-PHENYLCHROMONE see: DJ3100630
beta-PHENYLCINNAMIC ACID see: AS8990000
PHENYL CYANIDE see: DI2450000
3-PHENYL-CYCLOBUTANECARBOXYLIC ACID' see: GU1362000
PHENYLCYCLOHEXANE see: CZ1330000
alpha-PHENYLCYCLOHEXANEACETIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: GU6825000
alpha-PHENYLCYCLOHEXANEACETIC ACID 2-(4-ETHYL-1-PIPERAZINYL)ETHYL ESTER DIHYDROCHLORIDE see: GU5860000
alpha-PHENYLCYCLOHEXANEACETIC ACID 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER DIHYDROCHLORIDE see: GU5865000
1-PHENYLCYCLOHEXANECARBOXYLIC ACID 2-(4-ETHYL-1-PIPERAZINYL)ETHYL ESTER DIHYDROCHLORIDE see: GU8634700
1-PHENYLCYCLOHEXANECARBOXYLIC ACID 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER DIHYDROCHLORIDE see: GU8634800
alpha-PHENYLCYCLOHEXANEGLYCOLIC ACID 4-(DIETHYLAMINO)-2-BUTYNYL ESTER HYDROCHLORIDE see: GV2800000
1-PHENYL-1-CYCLOHEXYL 2-2 BIS(DIETHYLAMINOMETHYL)ETHANE CHLORHYDRATE (French) see: TX7150000
alpha-PHENYL-CYCLOHEXYLESSIGSAEURE-2-DIAETHYLAMINO-AETHYLESTER-HYDROCHLORID (German) see: GU6825000
trans-1-(4-PHENYLCYCLOHEXYL)ETHYLAMINE see: GV6340000
trans-3-((1-(4-PHENYLCYCLOHEXYL)ETHYL)AMINO)PROPIONITRILE MONOHYDROCHLORIDE see: UG4300000
1-(1-PHENYLCYCLOHEXYL)PIPERIDINE see: TN2272590
1-(1-PHENYLCYCLOHEXYL)PIPERIDINE HYDROCHLORIDE see: TN2272600
1-PHENYL-1-CYCLOHEXYL-3-PIPERIDYL-1-PROPANOL HYDROCHLORIDE see: TN2625000
1-PHENYLCYCLOPENTANECARBOXYLIC ACID (2-(2-(DIETHYLAMINO)ETHOXY)ETHYL) ESTER HYDROCHLORIDE see: GY3520000
1-PHENYLCYCLOPENTANECARBOXYLIC ACID 2-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE see: GY3870000
trans-2-PHENYLCYCLOPROPYLAMINE see: GZ2450000
(1-alpha(R*),2-beta)-alpha-(2-PHENYLCYCLOPROPYL)BENZYL ALCOHOL see: DP0775800
(1-alpha(R*),2-beta)-alpha-(2-PHENYLCYCLOPROPYL)-4-PYRIDINEMETHANOL see: UT5023500
D-N-(trans-2-PHENYLCYCLOPROPYL)-L-5-PYRROLIDONE-2-CARBOXAMIDE see: UY0350000
1-PHENYL-3,3-DIAETHYLTRIAZEN (German) see: XY0450000
PHENYLDIALLYLACETAMIDE (French) see: SB2127000
2-PHENYLDIAZENECARBOXAMIDE see: FD0575000
PHENYLDIBROMOARSINE see: CH2700000
3-PHENYL-5-(DIBUTYLAMINOETHYLAMINO)-1,2,4-OXADIAZOLE HYDROCHLORIDE see: RO0685000
PHENYL DICHLORARSINE see: CH5425000
PHENYLDICHLOROARSINE see: CH5425000
PHENYL DICHLOROARSINE (DOT) see: CH5425000
PHENYLDICHLOROPHOSPHINE see: TB2478000
PHENYL-5,6-DICHLORO-2-TRIFLUOROMETHYL-BENZIMIDAZOLE-1-CARBOXYLATE see: DD6650000
PHENYL DIETHANOLAMINE see: KM2100000
N-PHENYLDIETHANOLAMINE see: KM2100000
beta-PHENYL-o-(DIETHYLAMINOETHOXY)PROPIOPHENONE HYDROCHLORIDE see: UH0350000
PHENYLDIETHYLAMINOETHYL-1'-AMINOACETIC ACID, ISOPENTYL ESTER see: MB9625000
2-PHENYL-9-DIETHYLAMINOETHYL-9H-IMIDAZO(1,2-a)BENZIMIDAZOLE DIHYDROCHLORIDE see: NI2885000
3-PHENYL-5-(beta-(DIETHYLAMINO)ETHYL)-1,2,4-OXADIAZOLE CITRATE see: RO0720000
2-PHENYL-3-DIETHYLPYRROLIDINOETHOXY-6-METHOXYBENZOFURAN HYDROCHLORIDE see: DF6652050
1-PHENYL-3-(O,O-DIETHYL-THIONOPHOSPHORYL)-1,2,4-TRIAZOLE see: TF5635000
1-PHENYL-3,3-DIETHYLTRIAZENE see: XY0450000
2-PHENYL-5,6-DIHYDROIMIDAZO(2,1-a)ISOQUINOLINE see: NI3019000
2-(p-(2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)TRIETHYLAMINE see: YE2189000
2-PHENYL-5,6-DIHYDROPYRAZOLO(5,1-a)ISOQUINOLINE see: UR0128000
2-PHENYL-5,6-DIHYDRO-s-TRIAZOLO(5,1-a)ISOQUINOLINE see: XZ5478700
2-PHENYL-3,5-DIHYDROXY-4-BUTYLPYRAZOLIDINE see: UQ8420000
2-PHENYL-1,3-DIKETOHYDRINDENE see: NK6125000
PHENYL 3-DIMETHYLAMINO-1,1-DIPHENYL-n-BUTYL KETONE HYDROBROMIDE see: YV8934000
1-(1-PHENYL-3-DIMETHYLAMINOPROPYL)CARBANILATE HYDROCHLORIDE see: DO4650000
PHENYLDIMETHYLCARBINOL see: DO4562000
1-PHENYL-2,3-DIMETHYL-4-DIMETHYLAMINOPYRAZOL-5-ONE see: CD2625000
1-PHENYL-2,3-DIMETHYL-4-DIMETHYLAMINOPYRAZOLONE-5 see: CD2625000
1-PHENYL-2,3-DIMETHYL-4-(ISOPROPYLAMINO)-2-PYRAZOLIN-5-ONE see: CD2975000
1-PHENYL-2,3-DIMETHYL-4-ISOPROPYLAMINOPYRAZOLONE see: CD2975000
1-PHENYL-2,3-DIMETHYL-4-(PHENYL-METHYL-MORPHOLINO)METHYLPYRAZOLON HYDROCHLORID (German) see: CD2996200
O-PHENYL-N,N'-DIMETHYL PHOSPHORODIAMIDATE see: TD2800000
1-PHENYL-2,3-DIMETHYLPYRAZOLE-5-ONE see: CD2450000
1-PHENYL-2,3-DIMETHYL-5-PYRAZOLONE see: CD2450000
1-PHENYL-2,3-DIMETHYL-5-PYRAZOLONE-4-METHYLAMINOMETHANESULFONATE SODIUM see: PB1300000
1-PHENYL-2,3-DIMETHYLPYRAZOLONE-(5)-4-METHYLAMINOMETHANESULFONIC ACID SODIUM see: PB1300000
PHENYL DIMETHYL PYRAZOLON METHYL AMINOMETHANE SODIUM SULFONATE see: PB1300000
PHENYL-DIMETHYL-TRIAZINE see: XY2100000
1-PHENYL-3,3-DIMETHYLTRIAZENE see: XY2100000
1-PHENYL-3,3-DIMETHYL-TRIAZINE see: XY2100000
N-PHENYL-N',N'-DIMETHYLUREA see: YT1450000
1-PHENYL-3,3-DIMETHYLUREA see: YT1450000
3-PHENYL-1,1-DIMETHYLUREA see: YT1450000
3-PHENYL-1,1-DIMETHYLUREA, TRICHLOROACETATE see: AJ8225000
2-PHENYL-m-DIOXAN-5-OL see: JI3325000
4-PHENYLDIPHENYL see: WZ6475000
1-PHENYL-2-(1',1'-DIPHENYLPROPYL-3'-AMINO)PROPANE see: SH6480000
PHENYL DISELENIDE see: JM9152500
2-(PHENYLDITHIO)ETHYLAMINE HYDROCHLORIDE see: KR9630000
PHENYL-DRANE see: DO7525000
PHENYLEN see: NK6125000
1,4-PHENYLENEARSINIC ACID see: CF6880000
4,4'-(p-PHENYLENE)BIS(DIMETHYLSILYLENE)BIS(TRIMETHYLENE)DIMORPHOLINE DIHYDROCHLORIDE see: QE8647000
N,N'-(m-PHENYLENE)BISMALEIMIDE see: ON6125000
m-PHENYLENEBIS(METHYLAMINE) see: PF8970000
2,2'-(1,3-PHENYLENEBIS(OXYMETHYLENE))BISOXIRANE see: VH1050000
1,1'-(m-PHENYLENE)BIS-1H-PYRROLE-2,5-DIONE (9CI) see: ON6125000
4,4'-o-PHENYLENEBIS(3-THIOALLOPHANATE) see: BA3640000
N,N'-(o-PHENYLENE)BIS(2,2,2-TRICHLOROACETAMIDE) see: AC7730000
m-PHENYLENEDIACETATE see: VH0580000
3,3'-(p-PHENYLENE)DIALLYLAMINE see: BA7005000

SS7700000 m-PHENYLENEDIAMINE
UPDT:8408 CAS: 108-45-2 MW: 108.16 MOLFM: C6-H8-N2
SYN: m-AMINOALINE * 3-AMINOANILINE * APCO 2330 * m-BENZENEDIAMINE * 1,3-BENZENEDIAMINE * C.I. 76025 * DEVELOPER 11 * DEVELOPER C * DEVELOPER H * DEVELOPER M * m-DIAMINOBENZENE * 1,3-DIAMINOBENZENE * DIRECT BROWN BR * DIRECT BROWN GG * m-FENYLENDIAMIN (Czech) * METAPHENYLENEDIAMINE * 1,3-PHENYLENEDIAMINE * PHENYLENEDIAMINE, META, SOLID (DOT) * UN 1673 (DOT)

MUTATION DATA AND REFERENCES:

	mma-sat 10 ug/plate	BCPCA6 26,729,77
	dlt-rat-ipr 375 mg/kg/10W-I	MUREAV 48,85,79
	dni-mus-orl 200 mg/kg	MUREAV 46,305,77
	msc-mus:lym 50 mg/L	JEPTDQ 1(1),87,77
	otr-ham:emb 50 ug/L	NCIMAV 58,24[illegible],81
	cyt-ham:lng 12 mg/L	GMCRDC 27,95,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	ipr-rat TDLo:375 mg/kg (30D male)	SheCW# 25MAR77

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-rat TDLo:1485 mg/kg/47W-I	KJMSAH 13,175,62

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:650 mg/kg	JTEHD6 2,657,77
	ipr-rat LD50:283 mg/kg	JTEHD6 2,657,77
	scu-rat LDLo:30 mg/kg	ZEPTAT 17,59,15
	unk-mus LD50:90 mg/kg	KJMSAH 13,175,62
	ivn-dog LDLo:17 mg/kg	JIDHAN 4,386,23
	orl-cat LDLo:300 mg/kg	JIDHAN 4,386,23
	orl-rbt LDLo:300 mg/kg	JIDHAN 4,386,23
	skn-rbt LDLo:5000 mg/kg	JTEHD6 2,657,77
	scu-rbt LDLo:200 mg/kg	JIDHAN 4,386,23

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 16,111,78

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORM-A; LABEL:NONE	CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS	CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SS7875000 o-PHENYLENEDIAMINE
UPDT:8408 CAS: 95-54-5 MW: 108.16 MOLFM: C6-H8-N2
SYN: 2-AMINOANILINE * 1,2-BENZENEDIAMINE * C.I. 76010 * C.I. OXIDATION BASE 16 * o-DIAMINOBENZENE * 1,2-DIAMINOBENZENE * ORTHAMINE * o-PHENYLENEDIAMINE (DOT) * UN 1673 (DOT)

MUTATION DATA AND REFERENCES:

	mmo-sat 1 gm/L	JIMMBG 36,55,80
	mma-sat 100 ug/plate	PNASA6 72,2423,75
	dns-rat:lvr 100 umol/L	ENMUDM 5,803,83
	mnt-mus-ipr 216 mg/kg/24H	ARTODN 43,249,80
	mnt-mus-orl 216 mg/kg/24H	ARTODN 43,249,80
	dni-mus-orl 200 mg/kg	MUREAV 46,305,77
	mnt-ham-ipr 432 mg/kg/24H	ARTODN 43,249,80
	cyt-ham:lng 1 mg/L	ARTODN (Suppl 4),41,80
	mnt-gpg-ipr 216 mg/kg/24H	ARTODN 43,249,80

TOXICITY DATA AND REFERENCES:

1J25	scu-rat LDLo:600 mg/kg	AIPTAK 36,140,30
	orl-rat LD50:1070 mg/kg	JTEHD6 2,657,77
	ipr-rat LD50:516 mg/kg	JTEHD6 2,657,77
	scu-mus LD50:450 mg/kg	KJMSAH 13,175,62
	skn-rbt LDLo:5000 mg/kg	JTEHD6 2,657,77

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS	CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

SS8050000 p-PHENYLENEDIAMINE
UPDT:8412 CAS: 106-50-3 MW: 108.16 MOLFM: C6-H8-N2
SYN: p-AMINOANILINE * 4-AMINOANILINE * BASF URSOL D * p-BENZENEDIAMINE * 1,4-BENZENEDIAMINE * BENZOFUR D * C.I. 76060 * C.I. DEVELOPER 13 * C.I. OXIDATION BASE 10 * DEVELOPER 13 * DEVELOPER PF * p-DIAMINOBENZENE * 1,4-DIAMINOBENZENE * DURAFUR BLACK R * FENYLENODWUAMINA (Polish) * FOURAMINE D * FOURRINE D * FOURRINE 1 * FUR BLACK 41867 * FUR BROWN 41866 * FURRO D * FUR YELLOW * FUTRAMINE D * NAKO H * ORSIN * OXIDATION BASE 10 * PARA * PARAPHENYLEN-DIAMINE * PHENYLENEDIAMINE, PARA, SOLID (DOT) * PELAGOL D * PELAGOL DR * PELAGOL GREY D * PELTOL D * 1,4-PHENYLENEDIAMINE * PPD * USAF EK-394 * RENAL PF * SANTOFLEX IC * TERTRAL D * UN 1673 (DOT) * URSOL D * VULKANOX 4020 * ZOBA BLACK D

IRRITATION DATA AND REFERENCES:

	skn-hmn 250 mg/24H MLD	JSCCA5 23,371,72
	skn-mus 250 mg/24H MLD	JSCCA5 23,371,72
	skn-dog 250 mg/24H MLD	JSCCA5 23,371,72
	skn-rbt 12500 ug/24H MLD	FCTXAV 15,607,77
	skn-rbt 250 mg/24H MOD	JSCCA5 23,371,72
	skn-pig 250 mg/24H MLD	JSCCA5 23,371,72
	skn-gpg 250 mg/24H MLD	JSCCA5 23,371,72

MUTATION DATA AND REFERENCES:

mmo-sat 2 umol/plate 45OHAA -,170,80

mmo-sat 10 ug/plate BCPCA6 26,729,77

sln-dmg-orl 15500 umol/L/3D MUREAV 48,181,77

otr-rat:emb 1850 ng/plate JJATDK 1,190,81

dni-mus-orl 200 mg/kg MUREAV 46,305,77

TUMORIGENIC DATA AND REFERENCES:

2V03V10 scu-rat TDLo:2625 mg/kg/30W-C KJMSAH 9,94,58

TOXICITY DATA AND REFERENCES:

orl-rat LD50:80 mg/kg JTEHD6 2,657,77

ipr-rat LD50:37 mg/kg JTEHD6 2,657,77

scu-rat LDLo:170 mg/kg JIDHAN 4,386,23

ivn-rat LDLo:50 mg/kg BSRSA6 41,302,72

ipr-mus LD50:50 mg/kg NTIS** AD277-689

scu-mus LDLo:140 mg/kg JSCCA5 12,500,61

scu-dog LDLo:100 mg/kg XPHBAO 271,40,41

ivn-dog LDLo:17 mg/kg JIDHAN 4,386,23

orl-cat LDLo:100 mg/kg JIDHAN 4,386,23

orl-rbt LDLo:250 mg/kg JIDHAN 4,386,23

skn-rbt LDLo:5000 mg/kg JTEHD6 2,657,77

ipr-rbt LDLo:150 mg/kg JIDIAQ 42,473,28

scu-rbt LDLo:200 mg/kg JIDHAN 4,386,23

ivn-rbt LDLo:300 mg/kg AIMDAP 36,724,25

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 16,125,78

★ TLV-TWA 100 ug/m3 (skin) DTLVS* 4,330,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 100 ug/m3 (skin) (SCP-K) FEREAC 39,23540,74

★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82

★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,3-PHENYLENEDIAMINE see: SS7700000

1,4-PHENYLENEDIAMINE see: SS8050000

SS8400000 p-PHENYLENEDIAMINE, N,N'-BIS(1,4-DIMETHYLPENTYL)-

UPDT:8408 CAS: 3081-14-9 MW: 304.58 MOLFM: C20-H36-N2

SYN: N,N'-BIS(1,4-DIMETHYLPENTYL)-p-PHENYLENEDIAMINE * N,N-DI(1,4-DIMETHYLPENTYL)-p-PHENYLENEDIAMINE * EASTOZONE * EASTOZONE 33 * NCI-C56337 * SANTOFLEX 77 * TENAMENE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:750 mg/kg 85GMAT -,59,82

ipr-rat LDLo:800 mg/kg RCTEA4 45,627,75

* orl-mus LD50:1700 mg/kg 85GMAT -,59,82

ipr-mus LDLo:400 mg/kg RCTEA4 45,627,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SS8500000 p-PHENYLENEDIAMINE, N,N-BIS(2-HYDROXYETHYL)-N'-METHYL-2-NITRO-

UPDT:8412 CAS: 2784-94-3 MW: 255.31 MOLFM: C11-H17-N3-O4

SYN: N',N'-BIS(2-HYDROXYETHYL)-N-METHYL-2-NITRO-p-PHENYLENEDIAMINE * HC BLUE 1 * NCI-C04159

STATUS:

NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984

REPORTED IN EPA TSCA INVENTORY, 1983

SS8700000 m-PHENYLENEDIAMINE, 4-BUTOXY-, DIHYDROCHLORIDE

UPDT:8408 CAS: 76486-09-4 MW: 253.20 MOLFM: C10-H16-N2-O .2Cl-H

SYN: 2,4-DIAMINO-n-BUTOXYBENZENE DIHYDROCHLORIDE * 1,3-BENZENEDIAMINE, 4-BUTOXY-, DIHYDROCHLORIDE (9CI)

MUTATION DATA AND REFERENCES:

mma-sat 250 ug/plate MUREAV 79,289,80

SS8800000 m-PHENYLENEDIAMINE, 4-CHLORO-

UPDT:8412 CAS: 5131-60-2 MW: 142.60 MOLFM: C6-H7-Cl-N2

SYN: 1,3-BENZENEDIAMINE, 4-CHLORO- (9CI) * C.I. 76027 * 4-CHLORO-1,3-BENZENEDIAMINE * 1-CHLORO-2,4-DIAMINOBENZENE * 4-CHLOROPHENE-1,3-DIAMINE * 4-CHLOROPHENYLENE-1,3-DIAMINE * 4-CHLORO-1,3-PHENYLENEDIAMINE * 4-CHLORO-m-PHENYLENEDIAMINE * 4-Cl-m-PD * NCI-C03305

MUTATION DATA AND REFERENCES:

mmo-sat 3333 ug/plate ENMUDM 5(Suppl 1),3,83

mma-sat 33 ug/plate ENMUDM 5(Suppl 1),3,83

TUMORIGENIC DATA AND REFERENCES:

2V01N61 orl-rat TDLo:164 gm/kg/78W-C NCITR* NCI-CG-TR-85,78

2V01L60 orl-mus TDLo:648 gm/kg/77W-C CRNGDP 1,495,80

2V03L60 orl-mus TD :917 gm/kg/78W-C NCITR* NCI-CG-TR-85,78

2V01L60 orl-mus TD :764 gm/kg/78W-C NCITR* NCI-CG-TR-85,78

3V02L60N61 orl-rat TD :108 gm/kg/77W-C CRNGDP 1,495,80

2V01L60 orl-mus TD :16200 gm/kg/96W-C CRNGDP 1,495,80

3V03L60N60 orl-rat TD :7500 gm/kg/2Y-C CRNGDP 1,495,80

3V01H60T61 orl-rat TD :1092 gm/kg/78W-C IARC** 27,81,82

3V01L60U01 orl-mus TD :3745 gm/kg/78W-C IARC** 27,81,82

3V01H60T61 orl-rat TD :2184 gm/kg/78W-C IARC** 27,81,82

3V01K60M60 orl-rat TD :5460 gm/kg/78W-C IARC** 27,81,82

3V01F07L60 orl-mus TD :7140 gm/kg/78W-C IARC** 27,81,82

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 27,81,82

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 27,81,82

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 27,81,82

★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 27,81,82

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-85,78)

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, PROPOSED RULE

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SS8850000 o-PHENYLENEDIAMINE, 4-CHLORO-

UPDT:8412 CAS: 95-83-0 MW: 142.60 MOLFM: C6-H7-Cl-N2

SYN: 2-AMINO-4-CHLOROANILINE * 1,2-BENZENEDIAMINE, 4-CHLORO- (9CI) * C.I. 76015 * 4-CHLORO-1,2-DIAMINOBENZENE * p-CHLORO-o-PHENYLENEDIAMINE * 4-CHLORO-o-PHENYLENEDIAMINE * 4-CHLORO-1,2-PHENYLENEDIAMINE * 4-Cl-o-PD * 1,2-DIAMINO -4-CHLOROBENZENE * 3,4-DIAMINOCHLOROBENZENE * 3,4-DIAMINO-1-CHLOROBENZENE * NCI-C03292 * URSOL OLIVE 6G

MUTATION DATA AND REFERENCES:

dnd-hmn:fbr 50 umol/L MUREAV 127,107,84

TUMORIGENIC DATA AND REFERENCES:

3V01L60M60 orl-rat TDLo:135 gm/kg/77W-C CRNGDP 1,495,80

2V01L60 orl-mus TDLo:324 gm/kg/77W-C CRNGDP 1,495,80

3V01K60M60 orl-rat TD :273 gm/kg/78W-C NCITR* NCI-CG-TR-63,78

2V01L60 orl-mus TD :917 gm/kg/78W-C NCITR* NCI-CG-TR-63,78

3V01K60M60 orl-rat TD :136 gm/kg/78W-C NCITR* NCI-CG-TR-63,78

2V01L60 orl-mus TD :460 gm/kg/78W-C NCITR* NCI-CG-TR-63,78

2V02L60 orl-mus TD :40500 gm/kg/96W-C CRNGDP 1,495,80

3V01L60M60 orl-rat TD :18750 gm/kg/2Y-C CRNGDP 1,495,80

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-63,78)

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, PROPOSED RULE

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SS8925000 p-PHENYLENEDIAMINE, 2-CHLORO-

UPDT:8408 CAS: 615-66-7 MW: 142.60 MOLFM: C6-H7-Cl-N2

SYN: 3-CHLORO-4-AMINOANILINE * 3-CHLOR-p-FENYLENDIAMIN (Czech) * o-CHLORO-p-PHENYLENEDIAMINE * 2-CHLORO-p-PHENYLENEDIAMINE * C.I. 76065 * URSOL BROWN O

IRRITATION DATA AND REFERENCES:

eye-rbt 20 mg/24H SEV 28ZPAK -,96,72

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T34 orl-rat TDLo:4 gm/kg (6-15D preg) FCTOD7 22,147,84

TOXICITY DATA AND REFERENCES:

orl-rat LD50:729 mg/kg 28ZPAK -,96,72

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SS8943000 o-PHENYLENEDIAMINE, N(sup 2)-(CHLOROBENZYLIDENE)-4-NITRO-N(sup 1)-PHENYL-

UPDT:8305 MW: 351.81 MOLFM: C19-H14-Cl-N3-O2

SYN: N(sup 2)-(CHLOROBENZYLIDENE)-4-NITRO-N(sup 1)-PHENYL-o-PHENYLENEDIAMINE * 4-NITRO-2-(N-CHLOROBENZYLIDENAMINO)DIPHENYLAMINE

MUTATION DATA AND REFERENCES:

mmo-bcs 10 mmol/L FAVUAI 6,118,74

SS9000000 p-PHENYLENEDIAMINE, 2-CHLORO-, SULFATE

UPDT:8412 CAS: 61702-44-1 MW: 238.66 MOLFM: C6-H5-Cl-N2 .H2-O4-S

SYN: 3-CHLORO-4-AMINOANILINE SULFATE * 2-CHLORO-1,4-BENZENEDIAMINE SULFATE * 2-CHLORO-p-PHENYLENEDIAMINE SULFATE * C.I. OXIDATION BASE 13A * 2-Cl-p-PD * NCI-C03316

MUTATION DATA AND REFERENCES:

mmo-sat 333 ug/plate ENMUDM 5(Suppl 1),3,83

mma-sat 100 ug/plate ENMUDM 5(Suppl 1),3,83

TUMORIGENIC DATA AND REFERENCES:

3V03M61L60 orl-rat TDLo:41 gm/kg/77W-C CRNGDP 1,495,80

2V03L60 orl-mus TDLo:194 gm/kg/77W-C CRNGDP 1,495,80

2V03L60 orl-mus TD :12150 gm/kg/96W-C CRNGDP 1,495,80

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED:RESULTS NEGATIVE:MOUSE, RAT (NCITR* NCI-CG-TR-113,78)

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SS9175000 p-PHENYLENEDIAMINE, 2,6-DICHLORO-

UPDT:8412 CAS: 609-20-1 MW: 177.04 MOLFM: C6-H6-Cl2-N2

SYN: C.I. 37020 * 1,4-DIAMINO-2,6-DICHLOROBENZENE * 2,6-DICHLORO-p-PHENYLENEDIAMINE * NCI-C50260

TUMORIGENIC DATA AND REFERENCES:

3V01J60L60 orl-mus TDLo:87 gm/kg/2Y-C NTPTR* NTP-TR-219,82

3V01J60L60 orl-mus TD :260 gm/kg/2Y-C NTPTR* NTP-TR-219,82

TOXICITY DATA AND REFERENCES:

3L30P27U01 orl-rat LD50:700 mg/kg NTPTR* NTP-TR-219,82

STATUS:

★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NTPTR* NTP-TR-219,82)

★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NTPTR* NTP-TR-219,82)

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SS9470000 o-PHENYLENEDIAMINE, N(sup 2)-(DIETHYLAMINOBENZYLIDENE)-4-NITRO-N(sup 1)-PHENYL-

UPDT:8305 MW: 387.50 MOLFM: C23-H23-N4-O2

SYN: N(sup 2)-(DIETHYLAMINOBENZYLIDENE)-4-NITRO-N(sup 1)-PHENYL-o-PHENYLENEDIAMINE * 4-NITRO-2-(N-DIETHYLAMINOBENZYLIDENAMINO)DIPHENYLAMINE

MUTATION DATA AND REFERENCES:

mmo-bcs 10 mmol/L FAVUAI 6,118,74

SS9750000 p-PHENYLENEDIAMINE, N,N'-DIFURFURYLIDENE-

UPDT:8408 CAS: 19247-68-8 MW: 240.28 MOLFM: C14-H12-N2-O2

SYN: N,N-DIFURFURAL-p-PHENYLENEDIAMINE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1220 mg/kg 85GMAT -,54,82

* ihl-rat LCLo:70 mg/m3/4H 85GMAT -,54,82

* orl-mus LD50:400 mg/kg 85GMAT -,54,82

SS9800000 m-PHENYLENEDIAMINE, DIHYDROCHLORIDE

UPDT:8401 CAS: 541-69-5 MW: 181.08 MOLFM: C6-H8-N2 .2Cl-H

SYN: m-AMINOANILINE DIHYDROCHLORIDE * 3-AMINOANILINE DIHYDROCHLORIDE * 1,3-BENZENEDIAMINE HYDROCHLORIDE * m-BENZENEDIAMINE DIHYDROCHLORIDE * m-DIAMINOBENZENE DIHYDROCHLORIDE * 1,3-DIAMINOBENZENE DIHYDROCHLORIDE * m-PHENYLENEDIAMINE HYDROCHLORIDE * 1,3-PHENYLENEDIAMINE DIHYDROCHLORIDE * USAF EK-306

TUMORIGENIC DATA AND REFERENCES:

2V03V10 scu-rat TDLo:1800 mg/kg/21W-I KJMSAH 13,175,62

TOXICITY DATA AND REFERENCES:

ipr-rat LD50:325 mg/kg NCIBR* NCI-E-68-1311,10,73

ipr-mus LD50:100 mg/kg NTIS** AD414-344

unk-mus LD50:120 mg/kg KJMSAH 13,175,62

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 16,111,78

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, PROPOSED RULE

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ST0175000 o-PHENYLENEDIAMINE, DIHYDROCHLORIDE

UPDT:8401 CAS: 615-28-1 MW: 181.08 MOLFM: C6-H8-N2 .2Cl-H

SYN: USAF EK-678

TUMORIGENIC DATA AND REFERENCES:

2V03L60 orl-rat TDLo:130 gm/kg/78W-C JEPTDQ 2(2),325,78

2V01L60 orl-mus TDLo:260 gm/kg/78W-C JEPTDQ 2(2),325,78

2V01L60 orl-mus TD :518 gm/kg/78W-C JEPTDQ 2(2),325,78

TOXICITY DATA AND REFERENCES:

ipr-rat LD50:290 mg/kg NCIBR* NCI-E-68-1311,10,73

ipr-mus LD50:200 mg/kg NTIS** AD414-344

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, PROPOSED RULE

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ST0550000 p-PHENYLENEDIAMINE, DIHYDROCHLORIDE

UPDT:8412 CAS: 624-18-0 MW: 181.08 MOLFM: C6-H8-N2 .2Cl-H

SYN: p-AMINOANILINE DIHYDROCHLORIDE * 4-AMINOANILINE DIHYDROCHLORIDE * p-BENZENEDIAMINE DIHYDROCHLORIDE * 1,4-BENZENEDIAMINE DIHYDROCHLORIDE * C.I. 76061 * C.I. OXIDATION BASE 10A * p-DIAMINOBENZENE DIHYDROCHLORIDE * 1,4-DIAMINOBENZENE DIHYDROCHLORIDE * DURAFUR BLACK RC * FOURRINE 64 * FOURRINE DS * NCI-C03930 * OXIDATION BASE 10A * p-PD HCl * p-PDA HCl * PELAGOL CD * PELAGOL GREY CD * p-PHENYLENEDIAMINE HYDROCHLORIDE * 1,4-PHENYLENEDIAMINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:147 mg/kg NCILB* NCI-E-C-72-3252

orl-mus LD50:316 mg/kg NCILB* NCI-E-C-72-3252
scu-mus LDLo:50 mg/kg XPHBAO 271,42,41
scu-dog LDLo:10 mg/kg XPHBAO 271,42,41
scu-rbt LDLo:20 mg/kg XPHBAO 271,42,41
scu-frg LDLo:10 mg/kg XPHBAO 271,42,41

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:INDEFINITE IARC** 16,125,78

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-174,79)
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,3-PHENYLENEDIAMINE DIHYDROCHLORIDE see: SS9800000
1,4-PHENYLENEDIAMINE DIHYDROCHLORIDE see: ST0350000

ST0875000 p-PHENYLENEDIAMINE, N,N'-DIMETHYL-
UPDT 8412 CAS: 105-10-2 MW: 136.22 MOLFM: C8-H12-N2
SYN: p-AMINODIMETHYLANILINE * 1,4-BENZENEDIAMINE, N,N-DIMETHYL- (9CI) * C.I. 76075 * p-DIMETHYLAMINOPHENYLAMINE * DIMETHYL-p-PHENYLENEDIAMINE * DMPD

MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate AEMIDF 42,641,81
dns-rat:lvr 100 umol/L MUREAV 136,255,84
dns-ham:lvr 100 umol/L MUREAV 136,255,84

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:21 mg/kg JPETAB 95,262,49
ipr-mus LD50:25 mg/kg JPETAB 95,262,49
ipr-dog LDLo:10 mg/kg JPETAB 95,262,49
ipr-rbt LD50:100 mg/kg JPETAB 95,262,49
ipr-gpg LD50:45 mg/kg JPETAB 95,262,49

ST1100000 p-PHENYLENEDIAMINE, N-(1,3-DIMETHYLBUTYL)-N'-PHENYL-
UPDT 8305 CAS: 793-24-8 MW: 268.44 MOLFM: C18-H24-N2
SYN: N-(1,3-DIMETHYLBUTYL)-N'-PHENYL-p-PHENYLENEDIAMINE * NCI-C56315 * SANTOFLEX 13

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ST2100000 p-PHENYLENEDIAMINE, N,N'-(DI-2-NAPHTHYL)-
UPDT 8401 CAS: 93-46-9 MW: 360.48 MOLFM: C26-H20-N2
SYN: ACETO DIPP * AGERITE WHITE * DI-beta-NAPHTHYL-p-PHENYLDIAMINE * DI-beta-NAPHTHYL-p-PHENYLENEDIAMINE * N,N'-DI-beta-NAPHTHYL-p-PHENYLENEDIAMINE * sym-DI-beta-NAPHTHYL-p-PHENYLENEDIAMINE * DNPD * DNPDA * DWU-beta-NAFTYLO-p-FENYLODWUAMINA (Polish) * 2-NAPHTHYL-p-PHENYLENEDIAMINE * NONOX CL * TISPERSE MB-2X

IRRITATION DATA AND REFERENCES:
skn-hmn 500 mg/48H MLD AMIHBC 5,311,52
skn-rbt 500 mg/24H MOD 28ZPAK -,74,72
eye-rbt 500 mg/24H MOD 28ZPAK -,74,72

MUTATION DATA AND REFERENCES:
pic-esc 100 mmol/L MDMIAZ 31,11,79

TUMORIGENIC DATA AND REFERENCES:
3V03J60P60 orl-mus TDLo:31 gm/kg/78W-I NTIS** PB223-159

TOXICITY DATA AND REFERENCES:
2A30F12 ipr-rat LD50:4500 mg/kg AMIHBC 5,311,52

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ST2270000 m-PHENYLENEDIAMINE, DIPERCHLORATE, dry (DOT)
UPDT 8308 MW: 208.62 MOLFM: C6-H8-N2 Cl-H-O4

STANDARDS & REGULATIONS: ARD
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

ST2275000 p-PHENYLENEDIAMINE, N,N'-DIPHENYL-
UPDT 8401 CAS: 74-31-7 MW: 260.36 MOLFM: C18-H16-N2
SYN: AGERITE * AGERITE DPPD * 1,4-BIS(PHENYLAMINO)BENZENE * N,N'-DIFENYL-p-FENYLENDIAMIN (Czech) * DIPHENYL-p-PHENYLENEDIAMINE * N,N'-DIPHENYL-p-PHENYLENEDIAMINE * DPPD * FLEXAMINE C * JZF * NONOX DPPD * p-PHENYLAMINODIPHENYLAMINE * 4-PHENYLAMINODIPHENYLAMINE * USAF GY-2

IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H SEV 28ZPAK -,73,72

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T16T71 orl-rat TDLo:450 mg/kg (14D pre/1-22D preg) JAFCAU 4,796,56
1T25 orl-rat TDLo:2500 mg/kg (1-22D preg) AJANA2 110,29,62
1T31 orl-mus TDLo:4176 mg/kg (6-14D preg) NTIS** PB223-160

TUMORIGENIC DATA AND REFERENCES:
03J60P60 scu-mus TDLo:1000 mg/kg NTIS** PB223-159

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2370 mg/kg 28ZPAK -,73,72
orl-mus LD50:18 gm/kg GTPZAB 10(3),49,66
ipr-mus LD50:300 mg/kg NTIS** AD277-689

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ST2295000 o-PHENYLENEDIAMINE, N(sup 2)-((DIPHENYLAMINO)BENZYLIDENE)-4-NITRO-N(sup 1)-PHENYL-
UPDT 8305 MW: 484.59 MOLFM: C31-H24-N4-O2
SYN: N(sup 2)-((DIPHENYLAMINO)BENZYLIDENE)-4-NITRO-N(sup 1)-PHENYL-o-PHENYLENEDIAMINE * 4-NITRO-2-(N-DIPHENYLAMINOBENZYLIDENAMINO)DIPHENYLAMINE

MUTATION DATA AND REFERENCES:
mmo-bcs 10 mmol/L FAVUAI 6,118,74

o-PHENYLENEDIAMINE (DOT) see: SS7875000

ST2480000 m-PHENYLENEDIAMINE, 4-ETHOXY-, DIHYDROCHLORIDE
UPDT 8408 CAS: 67801-06-3 MW: 225.14 MOLFM: C8-H12-N2-O 2Cl-H
SYN: 1,3-BENZENEDIAMINE, 4-ETHOXY-, DIHYDROCHLORIDE (9CI) * 2,4-DIAMINOETHOXYBENZENE DIHYDROCHLORIDE

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate MUREAV 79,289,80

m-PHENYLENEDIAMINE HYDROCHLORIDE see: SS9800000
p-PHENYLENEDIAMINE HYDROCHLORIDE see: ST0350000

ST2630000 m-PHENYLENEDIAMINE, 4-ISOPROPOXY-, DIHYDROCHLORIDE
UPDT 8408 CAS: 76486-07-2 MW: 239.17 MOLFM: C9-H14-N2-O 2Cl-H
SYN: 1,3-BENZENEDIAMINE, 4-(1-METHYLETHOXY)-, DIHYDROCHLORIDE (9CI) * 2,4-DIAMINOISOPROPOXYBENZENE DIHYDROCHLORIDE

MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate MUREAV 79,289,80

ST2650000 p-PHENYLENEDIAMINE, N-ISOPROPYL-N'-PHENYL-
UPDT 8412 CAS: 101-72-4 MW: 226.35 MOLFM: C15-H18-N2
SYN: CYZONE * ELASTOZONE 34 * FLEXZONE 3C * 4-ISOPROPYLAMINODIPHENYLAMINE * N-ISOPROPYL-N'-FENYL-p-FENYLENDIAMIN (Czech) * N-ISOPROPYL-N'-PHENYL-p-PHENYLENEDIAMINE * NCI-C56304 * NONOX ZA * N-PHENYL-N'-ISOPROPYL-p-PHENYLENEDIAMINE * N-2-PROPYL-N'-PHENYL-p-PHENYLENEDIAMINE * SANTOFLEX 36

IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV 28ZPAK -,72,72

TOXICITY DATA AND REFERENCES:
orl-rat LD50:555 mg/kg 28ZPAK -,72,72
orl-mus LD50:1820 mg/kg 85GMAT -,77,82

STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED BUT DEFERRED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

PHENYLENEDIAMINE, META, SOLID (DOT) see: SS7700000
m-PHENYLENEDIAMINE, 4-METHOXY- (8CI) see: BZ8580500

ST2692000 p-PHENYLENEDIAMINE, 2-METHOXY-
UPDT 8411 CAS: 5307-02-8 MW: 138.19 MOLFM: C7-H10-N2-O
SYN: 1,4-BENZENEDIAMINE, 2-METHOXY- (9CI) * 2,5-DIAMINOANISOLE * 2-METHOXY-p-PHENYLENEDIAMINE

MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate PNASA6 72,2423,75
dnd-hmn:fbr 50 umol/L MUREAV 127,107,84

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

ST2705000 m-PHENYLENEDIAMINE, 4-METHOXY-, SULFATE
UPDT 8412 CAS: 39156-41-7 MW: 824.75 MOLFM: C7-H10-N2-O xH2-O4-S
SYN: ANISOLE, 2,4-DIAMINO-, HYDROGEN SULFATE * ANISOLE, 2,4-DIAMINO-, SULFATE * BASF URSOL SLA * 1,3-BENZENEDIAMINE, 4-METHOXY-, SULFATE (1:1) (9CI) * C.I. 76051 * C.I. OXIDATION BASE 12A * 2,4-DAA SULFATE * 2,4-DIAMINOANISOLE SULPHATE * 2,4-DIAMINOANISOLE SULFATE * 2,4-DIAMINO-ANISOL SULPHATE * 2,4-DIAMINO-1-METHOXYBENZENE * 1,3-DIAMINO-4-METHOXYBENZENE SULPHATE * 2,4-DIAMINO-1-METHOXYBENZENE SULPHATE * 2,4-DIAMINOSOLE SULPHATE * DURAFUR BROWN MN * FOURAMINE BA * FOURRINE 76 * FOURRINE SLA * FURRO SLA * 4-METHOXY-1,3-BENZENEDIAMINE SULFATE * 4-METHOXY-1,3-BENZENEDIAMINE SULPHATE * 4-METHOXY-m-PHENYLENEDIAMINE SULFATE * p-METHOXY-m-PHENYLENEDIAMINE SULPHATE * 4-METHOXY-m-PHENYLENEDIAMINE SULPHATE * 4-MMPD SULPHATE * NAKO TSA * NCI-C01989 * OXIDATION BASE 12A * PELAGOL BA * PELAGOL GREY * PELAGOL GREY SLA * PELAGOL SLA * RENAL SLA * URSOL SLA * ZOBA SLE

MUTATION DATA AND REFERENCES:
sln-dmg-orl 15100 umol/L/3D MUREAV 48,181,77
mrc-smc 500 mg/L MUREAV 78,243,80

TUMORIGENIC DATA AND REFERENCES:
3V01N05V15 orl-rat TDLo:18 gm/kg/10W-C JJIND8 65,197,80
2V01N62 orl-mus TDLo:157 gm/kg/78W-C NCITR* NCI-CG-TR-84,78
3V03N62R60 orl-rat TD :33 gm/kg/78W-C NCITR* NCI-CG-TR-84,78
3V01N62R60 orl-rat TD :51 gm/kg/72W-C NCITR* NCI-CG-TR-84,78
2V02N62 orl-mus TD :1310 gm/kg/78W-C IARC** 27,103,82
3V01N60N62 orl-rat TD :689 gm/kg/82W-C IARC** 27,103,82
3V01N62R60 orl-rat TD :1377 gm/kg/82W-C IARC** 27,103,82
3V01N62U01 orl-rat TD :2730 gm/kg/78W-C IARC** 27,103,82
3V01N62R60 orl-rat TD :2870 gm/kg/82W-C IARC** 27,103,82
3V03N60N62 orl-rat TD :350 gm/kg/10W-C IARC** 27,103,82

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:372 mg/kg JTEHD6 2,657,77

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 27,103,82
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 16,51,78

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-84,78)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ NIOSH CURRENT INTELLIGENCE BULLETIN 19, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, PROPOSED RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ST2900000 m-PHENYLENEDIAMINE, 4-(1-NAPHTHYLAZO)-
UPDT 8401 CAS: 6416-57-5 MW: 262.34 MOLFM: C16-H14-N4
SYN: C.I. 11285 * C.I. SOLVENT BROWN PR * C.I. SOLVENT BROWN 1 * FAT BROWN 2G * FAT BROWN 2R * FAT BROWN RR * GRASAN BROWN DT NEW * HEXATYPE BROWN N * LITHOFOR BROWN A * 1-NAPHTHALENAZO-2',4'-DIAMINOBENZENE * 4-(1-NAPHTHALENYLAZO)-1,3-PHENYLENEDIAMINE * 4-(1-NAPHTHYLAZO)-m-PHENYLENEDIAMINE * ORGANOL BROWN 2R * ORGANOL 2R * RESINOL BROWN RRN * RESINOL RRN * SILOTRAS BROWN TRN * SUDAN BROWN RR * SUDAN BROWN YR * TYPOGEN BROWN N

TUMORIGENIC DATA AND REFERENCES:
3V03K60L60 orl-rat TDLo:34 gm/kg/89W-C ZEKBAI 57,530,51

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 8,249,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ST2974000 o-PHENYLENEDIAMINE, 3-NITRO-
UPDT 8406 MW: 153.16 MOLFM: C6-H7-N3-O2
SYN: 3-NITRO-o-PHENYLENEDIAMINE

MUTATION DATA AND REFERENCES:
mmo-sat 59 umol/L ENMUDM 3,11,81
msc-mus:lym 50 mg/L MUREAV 125,291,84

ST2975000 o-PHENYLENEDIAMINE, 4-NITRO-
UPDT 8412 CAS: 99-56-9 MW: 153.16 MOLFM: C6-H7-N3-O2
SYN: C.I. 76020 * 2-AMINO-4-NITROANILINE * 1,2-DIAMINO-4-NITROBENZENE * NCI-C03941 * 4NDB * 4-NITRO-1,2-BENZENEDIAMINE * 4-NITRO-1,2-DIAMINOBENZENE * 4-NITRO-o-PHENYLENE DIAMINE * 4-NITRO-1,2-PHENYLENEDIAMINE * p-NITRO-o-PHENYLENEDIAMINE * 4-NO * 4-NOP * 4-NOPD * 4-N-o-PDA

MUTATION DATA AND REFERENCES:
mmo-sat 5 ug/plate NATUAS 255,506,75
mma-sat 5 ug/plate NATUAS 255,506,75
dnr-esc 10 mg/L CRNGDP 2,189,81
pic-esc 400 ug/plate MGBUA3 41,3,76
mmo-bcs 50 mg/L MUREAV 95,191,82
sln-dmg-par 5 mmol/L MUREAV 56,31,77
sln-dmg-orl 1200 umol/L/3D MUREAV 48,181,77
mrc-smc 500 mg/L MUREAV 78,243,80
mmo-asn 200 mg/L MUREAV 97,293,82
dns-hmn:hla 1 mmol/L CNREA8 38,2621,78
otr-rat:emb 80 ug/plate JJATDK 1,190,81
bfa-rat/sat 20 mg/kg MUREAV 66,241,79
otr-mus:emb 10 umol/L/24H NATUAS 260,368,76
otr-mus:oth 10 umol/L NATUAS 260,368,76
dlt-mus-ipr 3000 mg/kg/10W-I SheCW# 25MAR77
msc-mus:lym 50 mg/L JEPTDQ 1(1),87,77
otr-ham:emb 500 ug/L NCIMAV 58,243,81
cyt-ham:fbr 60 mg/L/48H MUREAV 48,337,77
cyt-ham:oth 10 umol/L/24H NATUAS 260,368,76
cyt-ham:oth 10 umol/L NATUAS 260,368,76
cyt-ham:lng 40 mg/L GMCRDC 27,95,81
sce-ham:ovr 25 mg/L MUREAV 56,207,77
msc-ham:fbr 25 mg/L/4D MUREAV 40,47,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 ipr-rat TDLo:3 gm/kg (30D male) SheCW# 25MAR77
3T34T43T47 scu-mus TDLo:2560 mg/kg (6-15D preg) TJADAB 19,37A,79
1T26 scu-mus TDLo:7680 mg/kg (6-15D preg) TJADAB 24,253,81

TOXICITY DATA AND REFERENCES:
orl-rat LD50:681 mg/kg NCILB* NCI-E-C-72-3252

orl-mus LD50:681 mg/kg NCILB* NCI-E-C-72-3252
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 16,63,78
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-180,79)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ST3000000 p-PHENYLENEDIAMINE, 2-NITRO-
UPDT:8412 CAS: 5307-14-2 MW: 153.16 MOLFM: C6-H7-N3-O2
SYN: 4-AMINO-2-NITROANILINE * C.I. 76070 * C.I. OXIDATION BASE 22 * 1,4-DIAMINO-2-NITROBENZENE * DURAFUR BROWN * DURAFUR BROWN 2R * DYE GS * FOURAMINE 2R * FOURRINE 36 * FOURRINE BROWN 2R * NCI-C02222 * 2NDB * NITRO-p-PHENYLENEDIAMINE * 2-NITRO-1,4-BENZENEDIAMINE * 2-NITRO-1,4-DIAMINOBENZENE * o-NITRO-p-PHENYLENEDIAMINE * 2-NITRO-1,4-PHENYLENEDIAMINE * 2-NITRO-p-PHENYLENEDIAMINE * 2-NP * 2-NPPD * OXIDATION BASE 22 * 2-N-p-PDA * URSOL BROWN RR * ZOBA BROWN RR
MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate NATUAS 255,506,75
mma-sat 5 ug/plate NATUAS 255,506,75
dns-hmn:hla 100 nmol/L CNREA8 38,2621,78
cyt-hmn:lym 50 mg/L/24H NATUAS 255,506,75
dns-rat:lvr 100 mg/L MUREAV 97,359,82
bfa-rat/sat 200 ug/kg MUREAV 66,241,79
otr-mus:emb 10 umol/L/24H NATUAS 260,368,76
otr-mus:oth 10 umol/L NATUAS 260,368,76
msc-mus:lym 25 mg/L JEPTDQ 1(1),87,77
otr-ham:emb 500 ug/L NCIMAV 58,243,81
cyt-ham:fbr 8 mg/L/48H MUREAV 48,337,77
cyt-ham:oth 10 umol/L/24H NATUAS 260,368,76
cyt-ham:oth 10 umol/L NATUAS 260,368,76
cyt-ham:lng 10 mg/L ARTODN (Suppl 4),41,80
sce-ham:ovr 10 mg/L MUREAV 56,207,77
msc-ham:fbr 25 mg/L/4D MUREAV 40,47,76
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T43T47 scu-mus TDLo:1600 mg/kg (6-15D preg) TJADAB 19,37A,79
2T43T46 scu-mus TDLo:1600 mg/kg (6-15D preg) TJADAB 24,253,81
2T25T42 scu-mus TDLo:2240 mg/kg (6-15D preg) TJADAB 24,253,81
1T34 scu-mus TDLo:1280 mg/kg (6-15D preg) TJADAB 24,253,81
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-mus TDLo:288 gm/kg/78W-C NCITR* NCI-CG-TR-169,79
2V03L60 orl-mus TD :144 gm/kg/78W-C NCITR* NCI-CG-TR-169,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3080 mg/kg JTEHD6 2,657,77
ipr-rat LD50:348 mg/kg JTEHD6 2,657,77
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 16,73,78
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-169,79)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-169,79)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, PROPOSED RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ST3005000 o-PHENYLENEDIAMINE, N(sup 2)-(NITROBENZYLIDENE)-4-NITRO-N(sup 1)-PHENYL-
UPDT:8305 MW: 361.36 MOLFM: C19-H13-N4-O4
SYN: N(sup 2)-(NITROBENZYLIDENE)-4-NITRO-N(sup 1)-PHENYL-o-PHENYLENEDIAMINE * 4-NITRO-2-(N-NITROBENZYLIDENAMINO)DIPHENYLAMINE
MUTATION DATA AND REFERENCES:
mmo-bcs 10 mmol/L FAVUAI 6,118,74

p-PHENYLENEDIAMINE, 3-NITRO-N(sup 1),N(sup 1),N(sup 4)-TRIS(2-HYDROXYETHYL)- see: KL2880000
PHENYLENEDIAMINE, PARA, SOLID (DOT) see: SS8050000

ST3150000 p-PHENYLENEDIAMINE, N-PHENYL-
UPDT:8412 CAS: 101-54-2 MW: 184.26 MOLFM: C12-H12-N2
SYN: ACNA BLACK DF BASE * p-AMINODIFENYLAMIN (Czech) * p-AMINODIPHENYLAMINE * p-ANILINOANILINE * AZOSALT B * 1,4-BENZENEDIAMINE, N-PHENYL- (9CI) * C.I. AZOIC DIAZO COMPONENT 22 * C.I. DEVELOPER 15 * C.I. OXIDATION BASE 2 * C.I. 37240 * C.I. 76085 * DIPHENYLAMINE, p-AMINO- * DIPHENYLAMINE, 4-AMINO- * DIPHENYL BLACK * FAST BLUE B SALT * LUXAN BLACK R * NAPHTHOELAN NAVY BLUE * NCI-C02233 * OXY ACID BLACK BASE * PELTOL BR * PELTOL BR II * N-PHENYL-p-AMINOANILINE * N-PHENYL-p-PHENYLENEDIAMINE * p-SEMIDINE * VARIAMINE BLUE SALT RT
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV 28ZPAK -,70,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:464 mg/kg NCILB* NCI-E-C-72-3252
orl-mus LD50:464 mg/kg NCILB* NCI-E-C-72-3252
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-82,78)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ST3380000 m-PHENYLENEDIAMINE, 4-(PHENYLAZO)-, HYDROCHLORIDE
UPDT:8401 CAS: 532-82-1 MW: 248.74 MOLFM: C12-H12-N4 .Cl-H
SYN: ASTRA CHRYSOIDINE R * BRASILAZINA ORANGE Y * BRILLIANT OIL ORANGE Y BASE * CALCOZINE CHRYSOIDINE Y * CALCOZINE ORANGE YS * CHRYSOIDIN * CHRYSOIDINE * CHRYSOIDINE A * CHRYSOIDINE B * CHRYSOIDINE C CRYSTALS * CHRYSOIDINE CRYSTALS * CHRYSOIDINE G * CHRYSOIDINE GN * CHRYSOIDINE GS * CHRYSOIDINE HR * CHRYSOIDINE (II) * CHRYSOIDINE J * CHRYSOIDINE M * CHRYSOIDINE ORANGE * CHRYSOIDINE PRL * CHRYSOIDINE PRR * CHRYSOIDINE SL * CHRYSOIDINE SPECIAL (BIOLOGICAL STAIN and INDICATOR) * CHRYSOIDINE SS * CHRYSOIDINE Y * CHRYSOIDINE Y BASE NEW * CHRYSOIDINE Y CRYSTALS * CHRYSOIDINE Y EX * CHRYSOIDINE YGH * CHRYSOIDINE YL * CHRYSOIDINE YN * CHRYSOIDINE Y SPECIAL * CHRYSOIDIN FB * CHRYSOIDIN Y * CHRYSOIDIN YN * CHRYZOIDYNA F.B. (Polish) * C.I. 11270 * C.I. BASIC ORANGE 2 * C.I. BASIC ORANGE 3 * C.I. BASIC ORANGE 2, MONOHYDROCHLORIDE * C.I. SOLVENT ORANGE 3 * 2,4-DIAMINOAZOBENZENE HYDROCHLORIDE * DIAZOCARD CHRYSOIDINE G * ELCOZINE CHRYSOIDINE Y * LEATHER ORANGE HT * NIPPON KAGAKU CHRYSOIDINE * 4-(PHENYLAZO)-1,3-BENZENEDIAMINE, MONOHYDROCHLORIDE * 4-PHENYLAZO-m-PHENYLENEDIAMINE HYDROCHLORIDE * 4-(PHENYLAZO)-m-PHENYLENEDIAMINE, MONOHYDROCHLORIDE * PURE CHRYSOIDINE YBH * PURE CHRYSOIDINE YD * PYRACRYL ORANGE Y * SUGAI CHRYSOIDINE * TERTROPHENE BROWN CG
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate MUREAV 44,9,77
pic-esc 100 mmol/L MDMIAZ 31,11,79
TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 orl-mus TDLo:93600 mg/kg/56W-C LANCAO 1,564,82
2V03L60 orl-mus TD :94 gm/kg/57W-C XPHPAW 149,365,69
TOXICITY DATA AND REFERENCES:
orl-mus LDLo:1670 mg/kg AEPPAE 195,295,40
scu-mus LDLo:1670 mg/kg AEPPAE 195,295,40
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 8,91,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ST3560000 m-PHENYLENEDIAMINE, 4-PROPOXY-, DIHYDROCHLORIDE
UPDT:8408 CAS: 76486-08-3 MW: 239.17 MOLFM: C9-H14-N2-O .2Cl-H
SYN: 1,3-BENZENEDIAMINE, 4-PROPOXY-, DIHYDROCHLORIDE (9CI) * 2,4-DIAMINO-n-PROPOXYBENZENE DIHYDROCHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 20 ug/plate MUREAV 79,289,80

ST4025000 m-PHENYLENEDIAMINE, TETRAFLUORO-, DIHYDROCHLORIDE
UPDT:8401 CAS: 63886-77-1 MW: 253.04 MOLFM: C6-H4-F4-N2 .2Cl-H
SYN: TETRAFLUORO-m-PHENYLENE DIAMINE DIHYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-mus TDLo:65 gm/kg/78W-C JEPTDQ 2(2),325,78
2V01L60 orl-mus TD :130 gm/kg/78W-C JEPTDQ 2(2),325,78
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:270 mg/kg NCIBR* NCI-E-68-1311,10,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

p-PHENYLENE DIAZIDE see: CZ1610000
1,1'-(o-PHENYLENEDIIMINO)BIS(3-CHLORO-2-PROPANOL) see: UB9280000
(PHENYLENEDIISOPROPYLIDENE)BIS(tert-BUTYLPEROXIDE) see: SD8431900
N,N'-(m-PHENYLENEDIMALEIMIDE) see: ON6125000
(p-PHENYLENEDIMETHYLENE)BIS(BENZYLDIETHYLAMMONIUM BROMIDE) see: BS2505000
1,1'-(p-PHENYLENEDIMETHYLENE)BIS(4-BENZYLPYRIDINIUM BROMIDE) see: UU6857700
N,N'-(p-PHENYLENEDIMETHYLENE)BIS(2,2-DICHLORO-N-ETHYLACETAMIDE) see: AC7732000
(p-PHENYLENEDIMETHYLENE)BIS(DIETHYL(2-HYDROXYETHYL)AMMONIUM BROMIDE) see: BS2506000
(p-PHENYLENEDIMETHYLENE)BIS(DIETHYL(3-HYDROXYPROPYL)AMMONIUM BROMIDE) see: BS2507000
(p-PHENYLENEDIMETHYLENE)BIS((2,3-DIHYDROXYPROPYL)DIMETHYLAMMONIUM BROMIDE) see: BS2510000
1,1'-(p-PHENYLENEDIMETHYLENE)BIS(2,3-DIMETHYLPYRIDINIUM BROMIDE) see: UU6857900
1,1'-(p-PHENYLENEDIMETHYLENE)BIS(2,4-DIMETHYLPYRIDINIUM BROMIDE) see: UU6857930
(p-PHENYLENEDIMETHYLENE)BIS(DODECYLDIETHYLAMMONIUM BROMIDE) see: BS2512000
(p-PHENYLENEDIMETHYLENE)BIS(ETHYL(2-HYDROXYETHYL)PROPYLAMMONIUM BROMIDE) see: BS2514000
4,4'-(p-PHENYLENEDIMETHYLENE)BIS(4-ETHYLMORPHOLINIUM BROMIDE) see: QF3450100
1,1'-(p-PHENYLENEDIMETHYLENE)BIS(1-ETHYL PIPERIDINIUM BROMIDE) see: TN6151700
(p-PHENYLENEDIMETHYLENE)BIS((2-HYDROXYETHYL)DIMETHYLAMMONIUM BROMIDE) see: BS2516000
1,1'-(p-PHENYLENEDIMETHYLENE)BIS(4-(3-HYDROXYPROPYL)PYRIDINIUM BROMIDE) see: UU6858900
1,1'-(p-PHENYLENEDIMETHYLENE)BIS(4-PENTYLPYRIDINIUM BROMIDE) see: UU6858930
4,4'-(p-PHENYLENEDIMETHYLENE)BIS(4-PHENYLMORPHOLINIUM BROMIDE) see: QF3450150
1,1'-(p-PHENYLENEDIMETHYLENE)BIS(4-PICOLINIUM BROMIDE) see: TJ7820200
1,1'-(p-PHENYLENEDIMETHYLENE)BIS(PYRIDINIUM BROMIDE) see: UU6857800
(p-PHENYLENEDIMETHYLENE)BIS(TRIBUTYLAMMONIUM BROMIDE) see: BS2521000
(p-PHENYLENEDIMETHYLENE)BIS(TRIETHYLAMMONIUM BROMIDE) see: BS2521500
(p-PHENYLENEDIMETHYLENE)BIS(TRIMETHYLAMMONIUM BROMIDE) see: BS2521700
1,1'-(p-PHENYLENEDIMETHYLENE)BIS(2,4,6-TRIMETHYLPYRIDINIUM BROMIDE) see: UU6858980
(p-PHENYLENEDIMETHYLENE)BIS(TRIPROPYLAMMONIUM BROMIDE) see: BS2522000
o-PHENYLENEDIOL see: UX1050000
1,10-(ortho-PHENYLENE)PYRENE see: NK9300000
1,10-(1,2-PHENYLENE)PYRENE see: NK9300000
2,3-PHENYLENEPYRENE see: NK9300000
2,3-o-PHENYLENEPYRENE see: NK9300000
o-PHENYLENETHIOUREA see: DE1050000
PHENYLEPHRINE see: DO7175000
(-)-PHENYLEPHRINE see: DO7175000
(+-)-PHENYLEPHRINE see: DO7175010
dl-PHENYLEPHRINE see: DO7175010
R(-)-PHENYLEPHRINE see: DO7175000
R,S-PHENYLEPHRINE see: DO7175010
PHENYLEPHRINE HYDROCHLORIDE see: DO7525000
D-(-)-PHENYLEPHRINE HYDROCHLORIDE see: DO7525000
1-PHENYL-1,2-EPOXYETHANE see: CZ9625000
PHENYL 2,3-EPOXYPROPYL ETHER see: TZ3675000
PHENYLETHANAL see: CY1420000
PHENYLETHANE see: DA0700000
1-PHENYL-1,2-ETHANEDIOL 2-CARBAMATE see: KI2625000
beta-PHENYLETHANOL see: SC7175000
1-PHENYLETHANOL see: DO9275000
2-PHENYLETHANOL see: SG7175000
PHENYL ETHANOLAMINE see: KJ7175000
N-PHENYLETHANOLAMINE see: KJ7175000
1-PHENYLETHANONE see: AM5250000
PHENYLETHENE see: WL3675000
PHENYL ETHER see: KN8970000
PHENYL ETHER DICHLORO see: KN8225000
PHENYL ETHER-DIPHENYL MIXTURE see: DV1500000
PHENYL ETHER HEXACHLORO see: KO0875000

ST8962000 PHENYL ETHER, 2,3',4,4',6,6'-HEXANITRO-
UPDT:8308 MW: 440.22 MOLFM: C12-H4-N6-O13
SYN: 2,3',4,4',6,6'-HEXANITRODIPHENYL ETHER (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

PHENYL ETHER, 2'-HYDROXY-2,4,4'-TRICHLORO- see: KO1100000
PHENYL ETHER MONO-CHLORO see: KO2450000
PHENYL ETHER PENTACHLORO see: KO3150000
PHENYL ETHER TETRACHLORO see: KO4025000
PHENYL ETHER TRICHLORO see: KO4200000
cis-2-(1-PHENYLETHOXY)CARBONYL-1-METHYLVINYL DIMETHYLPHOSPHATE see: GQ5075000
beta-PHENYLETHYL ACETATE see: AJ2220000
2-PHENYLETHYL ACETATE see: AJ2220000
PHENYLETHYLACETYLUREA see: YU1225000
PHENYLETHYLACETYLUREE (French) see: YU1225000
beta-PHENYLETHYL ALCOHOL see: SG7175000
2-PHENYLETHYL ALCOHOL see: SG7175000
PHENYLETHYLAMINE see: SG8750000
alpha-PHENYLETHYLAMINE see: DP5775000
beta-PHENYLETHYLAMINE see: SG8750000
omega-PHENYLETHYLAMINE see: SG8750000
1-PHENYLETHYLAMINE see: DP5775000
2-PHENYLETHYLAMINE see: SG8750000

beta-PHENYLETHYLAMINE HYDROCHLORIDE see: SH7175000
2-PHENYLETHYLAMINE HYDROCHLORIDE see: SH7175000
2-PHENYLETHYL-o-AMINOBENZOATE see: CB3720000
2-PHENYLETHYLAMINOETHANOL see: KM0175000
PHENYLETHYL ANTHRANILATE see: CB3720000
2-PHENYLETHYL ANTHRANILATE see: CB3720000
PHENYLETHYLBARBITURATE see: CQ6825000
PHENYL-ETHYL-BARBITURIC ACID see: CQ6825000
5-PHENYL-5-ETHYLBARBITURIC ACID see: CQ6825000
PHENYLETHYLBARBITURIC ACID, SODIUM SALT see: CQ7000000
PHENYLETHYL BENZOATE see: DH6288000
beta-PHENYLETHYL BENZOATE see: DH6288000
2-PHENYLETHYL BENZOATE see: DH6288000
PHENYLETHYLBENZYLAMINE see: DP5260000
PHENYLETHYLBIGUANIDE see: DU2100000
PHENYLETHYL BUTYRATE see: ET5956200
2-PHENYLETHYL BUTYRATE see: ET5956200
PHENYLETHYL CARBAMATE see: FD8925000
N-PHENYL-1-(ETHYLCARBAMOYL-1)-ETHYLCARBAMATE, D isomer see: FD8900000
PHENYLETHYL CINNAMATE see: GE0405000
beta-PHENYLETHYL CINNAMATE see: GE0405000
2-PHENYLETHYL CINNAMATE see: GE0405000
3-PHENYL-3-ETHYL-2,6-DIKETOPIPERIDINE see: MA4725000
PHENYLETHYL DIMETHYL CARBINOL see: EL5785000
3-PHENYL-3-ETHYL-2,6-DIOXOPIPERIDINE see: MA4725000
N-(1-PHENYLETHYL)-3,3-DIPHENYLPROPYLAMINE HYDROCHLORIDE see: D[illegible]4790000
PHENYLETHYLENE see: WL3675000
PHENYLETHYLENE OXIDE see: CZ9625000
PHENYLETHYL FORMATE see: LQ9400000
beta-PHENYLETHYL FORMATE see: LQ9400000
2-PHENYLETHYL FORMATE see: LQ9400000
alpha-PHENYL-alpha-ETHYLGLUTARIC ACID IMIDE see: MA4725000
2-PHENYL-2-ETHYLGLUTARIC ACID IMIDE see: MA4725000
alpha-PHENYL-alpha-ETHYLGLUTARIMIDE see: MA4725000
5-PHENYL-5-ETHYL-HEXAHYDROPYRIMIDINE-4,6-DIONE see: UV9100000
beta-PHENYLETHYLHYDRAZINE see: MV8400000
(1-PHENYLETHYL)HYDRAZINE see: MV5650000
2-PHENYLETHYLHYDRAZINE see: MV8400000
beta-PHENYLETHYLHYDRAZINE DIHYDROGEN SULFATE see: MV8750000
PHENYLETHYLHYDRAZINE DIHYDROGEN SULPHATE see: MV8750000
2-PHENYLETHYLHYDRAZINE DIHYDROGEN SULPHATE see: MV8750000
beta-PHENYLETHYLHYDRAZINE HYDROGEN SULPHATE see: MV8750000
2-PHENYLETHYLHYDRAZINE HYDROGEN SULPHATE see: MV8750000
beta-PHENYLETHYLHYDRAZINE SULFATE see: MV8750000
PHENYLETHYLHYDRAZINE SULPHATE see: MV8750000
2-PHENYLETHYLHYDRAZINE SULPHATE see: MV8750000
16,17-((1-PHENYLETHYLIDENE)BIS(OXY))PREGN-4-ENE-3,20-DIONE see: TU5011700
10-(((1-PHENYLETHYLIDENE)HYDRAZINO)ACETYL)-10H-PHENOTHIAZINE see: SP4005000
4-(PHENYLETHYLIDENE)PHENOL see: SL8700300
1-(1-PHENYLETHYL)-1H-IMIDAZOLE-5-CARBOXYLIC ACID ETHYL ESTER see: NI4021500 1H-IMIDAZOLE-5-CARBOXYLIC ACID, 1-(alpha-METHYLBENZYL)-, ETHYL ESTER, SULFATE
PHENYLETHYL ISOBUTYRATE see: NQ5435000
beta-PHENYLETHYL ISOBUTYRATE see: NQ5435000
2-PHENYLETHYL ISOBUTYRATE see: NQ5435000
PHENYL ETHYL KETONE see: UG7175000
PHENYLETHYLMALONYLUREA see: CQ6825000
PHENYLETHYL-alpha-METHYLBUTENOATE see: EM9255000
PHENYLETHYL METHYL ETHER see: KO2230000
beta-PHENYLETHYL METHYL ETHER see: KO2230000
PHENYLETHYL METHYL ETHYL CARBINOL see: SA7624000
PHENYLETHYL METHYLETHYLCARBINYL ACETATE see: SA7625000
PHENYLETHYLMETHYLHYDANTOIN see: MU2275000
1-(2-PHENYLETHYL)-3-METHYL-4-(N-PROPANOYLANILINO)PIPERIDINE see: UE5297500
2-PHENYLETHYL 2-METHYLPROPIONATE see: NQ5435000
(Z,Z)-N-(1-PHENYLETHYL)-9,12-OCTADECADIENAMIDE see: OI9410000
8-(2-PHENYLETHYL)-1-OXA-3,8-DIAZASPIRO(4.5)DECAN-2-ONE HYDROCHLORIDE see: RO0375000
4-(1-PHENYLETHYL)PHENOL see: SL8700300
PHENYLETHYL PHENYLACETATE see: AJ3255000
beta-PHENYLETHYL PHENYLACETATE see: AJ3255000
2-PHENYLETHYL PHENYLACETATE see: AJ3255000
N-(beta-(4-(beta-PHENYLETHYL)PHENYL)-beta-HYDROXYETHYL)IMIDAZOLE HYDROCHLORIDE see: NI5683000
1-PHENYLETHYL PROPIONATE see: DP0620000
2-PHENYLETHYL PROPIONATE see: UF6488000
PHENYLETHYL TIGLATE see: EM9255000
2-PHENYLETHYL alpha-TOLUATE see: AJ3255000
PHENYLETHYNYLCARBINOL CARBAMATE see: DO5950000
PHENYLETTEN see: CQ6825000
N-PHENYL-2-FLUORENAMINE see: LL5625000
N-PHENYL-9H-FLUORENAMINE see: LL5625000
N-PHENYL-2-FLUORENYLHYDROXYLAMINE see: NC3660000
N-PHENYL-N-9H-FLUOREN-2-YLHYDROXYLAMINE see: NC3660000
PHENYL FLUORIDE see: DA0800000
PHENYLFLUOROFORM see: XT9450000
PHENYLFORMIC ACID see: DG0875000
3-PHENYL-2-FORMYL-QUINOXALINE 1,4-DIOXIDE see: VD1576000
5-PHENYL-2-FURAMIDINE HYDROCHLORIDE see: LT8521700
5-PHENYL-2(5H)-FURANONE see: LU5165000
PHENYLGAM see: ES7175000
PHENYLGAMMA see: ES7175000
PHENYL-alpha-GLYCEROL ETHER see: TZ1050000
PHENYLGLYCERYL ETHER see: TZ1050000
PHENYL GLYCIDYL ETHER see: TZ3675000
DL-2-PHENYLGLYCINE 4,4-DIMETHYLPENTYL ESTER HYDROCHLORIDE see: MC0815500
2-PHENYLGLYCINE ISOPENTYL ESTER HYDROCHLORIDE see: MC0840000
2-PHENYLGLYCINE 3,3,5-TRIMETHYLCYCLOHEXYL ESTER see: MC1065000
D,L-2-PHENYLGLYCINISOAMYLESTERHYDROCHLORID (German) see: MC0840000
o-PHENYLGLYCOLIC ACID see: AJ2230000
PHENYLGLYCYDYL ETHER see: TZ3675000
PHENYLGLYOXAL DIETHYL ACETAL see: MD3284000
PHENYLGLYOXYLONITRILE OXIME O,O-DIETHYL PHOSPHOROTHIOATE see: MD4740000
2-PHENYLHYDRACRYLIC ACID 3-alpha-TROPANYL ESTER see: CK0700000
PHENYL HYDRATE see: SJ3325000
2-PHENYLHYDRAZIDE, CARBAMIC ACID see: FD0575000
PHENYLHYDRAZIN (German) see: MV8925000
PHENYLHYDRAZINE see: MV8925000
1-PHENYLHYDRAZINE CARBOXAMIDE see: FD0575000
2-PHENYLHYDRAZINECARBOXAMIDE see: FD0575000
PHENYLHYDRAZINE (DOT) see: MV8925000
PHENYLHYDRAZINE ETHOXIDE see: KM1840000
PHENYLHYDRAZINE ETHOXIDE see: KM1830000
PHENYLHYDRAZINE HYDROCHLORIDE see: MV9000000
PHENYLHYDRAZINE MONOHYDROCHLORIDE see: MV9000000
PHENYLHYDRAZIN HYDROCHLORID (German) see: MV9000000
PHENYLHYDRAZINIUM CHLORIDE see: MV9000000
2-(1-PHENYLHYDRAZINO)ETHANOL see: KM1830000
2-(2-PHENYLHYDRAZINO)ETHANOL see: KM1840000
1-PHENYL-2-HYDRAZINOPROPANE see: MV7350000
PHENYL HYDRIDE see: CY1400000
alpha-PHENYLHYDROCINNAMIC ACID HYDRAZIDE see: MW5603700 HYDROCINNAMIC ACID, alpha-PHENYL-,HYDRAZIDE
beta-PHENYLHYDROCINNAMIC ACID HYDRAZIDE see: MW5603800 HYDROCINNAMIC ACID, beta-PHENYL-,HYDRAZIDE
PHENYLHYDROXAMIC ACID see: DF9650000
PHENYL HYDROXIDE see: SJ3325000
1-PHENYL-1-HYDROXY-2-AMINO-n-BUTANE see: DN7870000
o-(PHENYLHYDROXYARSINO)BENZOIC ACID see: DH6301000
(PHENYLHYDROXYARSINO)PHENOL see: SM8327000
5-PHENYL-4-HYDROXYBUTENOLID-(1,4) see: LU5165000
1-PHENYL-2-(beta-HYDROXYETHYL)AMINOPROPANE see: KL7950000
2-PHENYL-2-HYDROXYETHYL CARBAMATE see: KI2625000
2-PHENYL-2-HYDROXYETHYL, m-CHLOROPHENYL ARSINIC ACID see: CH7244000
PHENYL HYDROXYMERCURY see: OW4940000
N-PHENYL-N'-2-HYDROXY-5-NITRO-PHENYLTHIOUREA see: FE1070000
1-PHENYL-1-HYDROXYPENTANE see: DN8780000
1-PHENYL-1-HYDROXY-n-PENTANE HEMISUCCINATE ESTER see: WM5550000
1-PHENYL-2-(p-HYDROXYPHENYL)-3,5-DIOXO-4-BUTYLPYRAZOLIDINE see: UQ8400000
N-PHENYL-N'-3-HYDROXYPHENYLTHIOUREA see: FE1100000
N-PHENYL-N'-4-HYDROXYPHENYLTHIOUREA see: FE1120000
PHENYLIC ACID see: SJ3325000
PHENYLIC ALCOHOL see: SJ3325000
PHENYL-IDIUM see: US7875000
PHENYL-IDIUM 200 see: US7875000
2-PHENYL-5H-IMIDAZO(2,1-a)ISOINDOLE see: NI2939000
2-PHENYLIMIDAZO(2,1-a)ISOQUINOLINE see: NI3029000
PHENYLIMIDOCARBONYL CHLORIDE see: NJ6700000
N-PHENYL-IMIDODICARBONIMIDIC DIAMIDE MONOHYDROCHLORIDE see: DU2550000
N-PHENYLIMIDOPHOSGENE see: NJ6700000
PHENYLIMINOCARBONYL DICHLORIDE see: NJ6700000
N-PHENYLIMINOCARBONYL DICHLORIDE see: NJ6700000
2,2'-(PHENYLIMINO)DIETHANOL see: KM2100000
5-PHENYL-2-IMINO-4-OXAZOLIDINONE see: RQ2975000
5-PHENYL-2-IMINO-4-OXOOXAZOLIDINE see: RQ2975000
2-PHENYLINDAN-1,3-DIONE see: NK6125000
2-PHENYL-1,3-INDANDIONE see: NK6125000
3-PHENYL-1-INDANONE see: NK7538200
3-PHENYL-1-INDANPROPIONIC ACID see: NK7539900
3-(3-PHENYL-1-INDANYL)PROPIONIC ACID see: NK7539900
PHENYLINDIONE see: NK6125000
1-PHENYL-INDOLE-2,3-DIONE see: NL7984000
1,1'-((2-PHENYL-1,3-INDOLIZINEDIYL)BIS(METHYLENE))BIS(4-PHENYL-4-PIPERIDINOL) see: TN7861000 4-PIPERIDINOL, 1,1'-((2-PHENYL-1,3-INDOLIZINEDIYL)BIS(METHYLENE))BIS(4-PHENYL-
1,1'-((2-PHENYL-1,3-INDOLIZINEDIYL)BIS(METHYLENE(4-PHENYL-1,4-PIPERIDINEDIYL)))BISETHANONE see: KM5782660 ETHANONE, 1,1'-((2-PHENYL-1,3-INDOLIZINEDIYL)BIS(METHYLENE(4-PHENYL-1,4-PIPERIDINEDIYL))) BIS-
PHENYLINE see: NK6125000
1-PHENYLISATIN see: NL7984000
PHENYL ISOCYANATE see: DA3675000
PHENYL ISOCYANATE (DOT) see: DA3675000
PHENYLISOHYDANTOIN see: RQ2975000
N-PHENYLISONICOTINAMIDINE see: NS0993000
PHENYLISONITRILE DICHLORIDE see: NJ6700000
3-PHENYLISOPENTANOIC ACID see: MW5158800
2-PHENYLISOPROPANOL see: DO4562000
l-PHENYLISOPROPYLADENOSINE see: AU7404930
l-N(sup 6)-PHENYLISOPROPYLADENOSINE see: AU7404930
N(sup 6)-(L-PHENYLISOPROPYL)ADENOSINE see: AU7404930
beta-PHENYLISOPROPYLAMIN (German) see: SH9000000
(PHENYLISOPROPYL)AMINE see: SH9000000
beta-PHENYLISOPROPYLAMINE see: SH9000000
dl-beta-PHENYLISOPROPYLAMINE HYDROCHLORIDE see: SH9798450
beta-PHENYL ISOPROPYLAMINE SULFATE see: SI1750000
d-beta-PHENYLISOPROPYLAMINE SULFATE see: SI1400000
dextro-beta-PHENYLISOPROPYLAMINE SULFATE see: SI1400000
1-PHENYL-2-ISOPROPYLAMINOETHANOL see: DO8500000
N-PHENYL ISOPROPYL CARBAMATE see: FD9100000
PHENYLISOPROPYLCARBAMATE de beta-HYDROXYETHYLE (French) see: FC6680000
PHENYLISOPROPYLHYDRAZINE see: MV7350000
beta-PHENYLISOPROPYLHYDRAZINE see: MV7350000
PHENYLISOPROPYLHYDRAZINE HYDROCHLORIDE see: MV7400000
beta-PHENYLISOPROPYLHYDRAZINE HYDROCHLORIDE see: MV7400000
(-)-PHENYLISOPROPYLMETHYLPROPYNYLAMINE see: DA0292500
(+)-PHENYLISOPROPYLMETHYLPROPYNYLAMINE HYDROCHLORIDE see: SH6070000
(+ -)-PHENYLISOPROPYLMETHYLPROPYNYLAMINE HYDROCHLORIDE see: SH6060000
N-PHENYL-N'-ISOPROPYL-p-PHENYLENEDIAMINE see: ST2650000
N-(PHENYL)-C-(ISOPROPYL)-SYDNON (German) see: WU7690100
beta-PHENYLISOVALERIC ACID see: MW5158800
alpha-(5-PHENYL-3-ISOXAZOLYL)-1-PIPERIDINEETHANOL CITRATE see: TM9849900
alpha-(5-PHENYL-3-ISOXAZOLYL)-1-PIPERIDINEETHANOL CITRATE (2:1) see: TM9850100
PHENYLLIN see: NK6125000
alpha-PHENYLMANDELIC ACID N,N-DIMETHYLPIPERIDINIUM-2-METHYL ESTER METHYLSULFATE see: TN5950070
PHENYL MERCAPTAN see: DC0525000
PHENYL MERCAPTAN, p-CHLORO- see: DC1050000
PHENYL MERCAPTAN (DOT) see: DC0525000
PHENYLMERCURIACETATE see: OV6475000
PHENYL MERCURIC ACETATE see: OV6475000
PHENYLMERCURIC ACETATE (DOT) see: OV6475000
PHENYLMERCURIC BROMIDE see: OV7430000
PHENYL MERCURIC CHLORIDE see: OW1400000
PHENYLMERCURIC DINAPHTHYLMETHANEDISULFONATE see: OW6300000
PHENYLMERCURIC DINAPHTHYLMETHANEDISULFONATE see: OW6125000
PHENYL MERCURIC FIXTAN see: OW6300000
PHENYLMERCURIC HYDROXIDE see: OW4940000
PHENYLMERCURIC HYDROXIDE (DOT) see: OW4940000
PHENYL MERCURIC 8-HYDROXYQUINOLINATE see: OW9730000
PHENYLMERCURIC 3,3'-METHYLENEBIS(2-NAPHTHALENESULFONATE) see: OW6300000

PHENYLMERCURIC METHYLENEBIS(2-NAPHTHYL-3-SULFONIC ACID) see: OW6300000
PHENYLMERCURIC NITRATE see: OW8400000
PHENYLMERCURIC NITRATE, BASIC see: OW8575000
PHENYLMERCURIC NITRATE (DOT) see: OW8400000
PHENYLMERCURIC TRIETHANOLAMMONIUM LACTATE see: BT4725000
PHENYLMERCURIC UREA see: OW9750000
N-(PHENYLMERCURI)-1,4,5,6,7,7-HEXACHLOROBICYCLO(2.2.1)HEPTENE-5-DICARBOXIMIDE see: CW4100000
PHENYLMERCURILAURYL THIOETHER see: OX0800000
PHENYLMERCURI PROPIONATE see: OW9100000
PHENYLMERCURIPYROCATECHIN see: OW2540000
PHENYLMERCURITRIETHANOLAMMONIUM LACTATE see: BT4725000
PHENYLMERCURIUREA see: OW9750000
PHENYLMERCURY ACETATE see: OV6475000
PHENYLMERCURY ACETATE 95% plus ETHYLMERCURY CHLORIDE 5% see: OV6550000
PHENYL MERCURY AMMONIUM ACETATE see: OU9630000
PHENYLMERCURY BROMIDE see: OV7430000
PHENYL MERCURY CATECHOLATE see: OV7050000
PHENYLMERCURY CHLORIDE see: OW1400000
PHENYLMERCURY 2,2'-DINAPHTHYLMETHANE-3,3'-DISULPHONATE see: OW6300000
PHENYLMERCURY HYDROXIDE see: OW4940000
PHENYLMERCURY METHYLENEDINAPHTHALENESULFONATE see: OW6300000
PHENYLMERCURY NAPHTHENATE see: OW7700000
PHENYLMERCURY NITRATE see: OW8400000
PHENYL MERCURY OXYQUINOLATE see: OW9730000
PHENYLMERCURY PROPIONATE see: OW9100000
PHENYL MERCURY SILVER BORATE see: ED4725000
PHENYLMERCURY TRIETHANOLAMINE LACTATE see: BT4725000
PHENYL MERCURY UREA see: OW9750000
PHENYLMETHANAL see: CU3750000
PHENYLMETHANE see: XS5250000
PHENYLMETHANE SULFONYL FLUORIDE see: XT8050000
PHENYLMETHANETHIOL see: XT8650000
PHENYLMETHANOL see: DN3150000
4-(((PHENYLMETHOXY)CARBONYL)AMINO)BUTANOIC ACID see: ES8137200
1-(2-PHENYL-2-METHOXY)ETHYL 4-(3-PHENYL-3-HYDROXY) PROPYL PIPERAZINE HYDROCHLORIDE see: TM2675000
4-(PHENYLMETHOXY)PHENOL see: SJ7700000
1-PHENYL-2-p-METHOXYPHENYL-4-HYDROXYINDOLE see: NM3201700
1-PHENYL-2-p-METHOXYPHENYL-4-OXO-4,5,6,7-TETRAHYDROINDOLE see: NM3354000
PHENYLMETHYL ALCOHOL see: DN3150000
N-PHENYLMETHYLAMINE see: BY4550000
1-PHENYL-2-METHYLAMINE-PROPANOL-1-SULFATE see: KB2625000
1-PHENYL-2-METHYLAMINO-PROPAN (German) see: SH4900000
alpha-PHENYL-beta-METHYLAMINOPROPANE see: SH4900000
1-PHENYL-2-METHYLAMINOPROPANE see: SH4900000
1-PHENYL-2-METHYL-2-AMINOPROPANE HYDROCHLORIDE see: SH4950000
1-PHENYL-2-METHYLAMINOPROPANOL see: KB0700000
1-PHENYL-2-METHYLAMINOPROPANOL-1 see: KB1575000
3 PHENYL,10 METHYL,7:8 BENZACRIDINE (French) see: CU4100000
2-(PHENYLMETHYL)-1H-BENZIMIDAZOLE see: DD6206000
PHENYLMETHYLCARBINOL see: DO9275000
PHENYLMETHYLCARBINYL PROPIONATE see: DP0620000
1-PHENYL-3-METHYL-5-CHLOROIMIDAZO(4,5-b)PYRIDIN-2-ONE see: NJ5830940
1-PHENYL-5-METHYL-8-CHLORO-1,2,4,5-TETRAHYDRO-2,4-DIOXO-3H-1,5-BENZODIAZEPINE see: DE9600000
1-PHENYL-2-(METHYL-(beta-CYANOETHYL)AMINO)PROPAN-1-OL see: UG2950000
N-(4-PHENYLMETHYLCYCLOHEXYL)ACETAMIDE see: AB4546970
PHENYLMETHYLDIAZOTATE POTASSIUM SALT see: QY9221000
PHENYLMETHYLDICHLOROSILANE see: VV3530000
PHENYLMETHYL 3-((DIETHOXYPHOSPHINYL)OXY)-2-BUTENOATE see: GQ4230000
4-((PHENYLMETHYLENE)AMINO)-N-(2-(1H-TETRAZOL-5-YL)ETHYL)-N-2-THIAZOLYLBENZENESULFONAMIDE see: DB3056000
S,S'-(PHENYLMETHYLENE)BIS(O,O-DIMETHYL PHOSPHORODITHIOATE) see: TD4900000
2-(PHENYLMETHYLENE)HEXANAL see: GD6485000
5-(PHENYLMETHYLENE)-2-THIOXO-4-THIAZOLIDINONE see: VI7830000
PHENYL METHYL ETHER see: BZ8050000
l-1-PHENYL-2-METHYLETHYLAMINOPROPAN-1-OL HYDROCHLORIDE see: DO5775000
1-(2-PHENYL-2-METHYL)ETHYL-4-(3-PHENYL-3-HYDROXY)-PROPYLPIPERAZINE DIHYDROCHLORIDE see: TM2675000
1-PHENYL-3-METHYL-3-(2-HYDROXYAETHYL)-TRIAZEN (German) see: XY2775000
1-PHENYL-3-METHYL-3-(2-HYDROXYETHYL)TRIAZENE see: XY2775000
1-PHENYL-3-METHYL-3-HYDROXY-TRIAZEN (German) see: XY2780000
1-PHENYL-3-METHYL-3-HYDROXY-TRIAZENE see: XY2780000
PHENYLMETHYLIMIDAZOLINE see: NJ1925000
PHENYL METHYL KETONE see: AM5250000
PHENYLMETHYL MERCAPTAN see: XT8650000
PHENYLMETHYL 3-((METHOXYPHENOXYPHOSPHINYL)OXY)-2-BUTENOATE see: GQ4280000
1-PHENYL-1-METHYL-2-METHYLAMINO-AETHAN (German) see: SH4935000
1-PHENYL-1-METHYL-2-METHYLAMINOETHANE see: SH4935000
PHENYLMETHYL METHYL KETONE see: UC3500100
4-(4-(2-PHENYL-3-METHYLMORPHOLINO)METHYL)ANTIPYRINE HYDROCHLORIDE see: CD2996200
PHENYLMETHYLNITROSAMINE see: BY5775000
PHENYL METHYLNITROSOCARBAMATE see: FC6625000
3-PHENYL-1-METHYL-1-NITROSOHARNSTOFF (German) see: YT8100000
trans-1-PHENYL-5-METHYL-2-OXA-5-AZABICYCLO(4.4.0)DECANE see: DM3160000
trans-1-PHENYL-5-METHYL-2-OXA-5-AZABICYCLO(4.4.0)DECAN-4-ONE see: DM3858000
(PHENYLMETHYL)PENICILLIN see: XH9400000
(PHENYLMETHYL)PENICILLINIC ACID see: XH9400000
1-PHENYL-3-METHYL-3-PENTANOL see: SA7624000
1-PHENYL-3-METHYL-3-PENTANYL ACETATE see: SA7625000
alpha-PHENYL-alpha-(1-METHYL-2-PHENYL)ETHYLAMINOACETONITRILE see: AM1050000
3-PHENYL-2-METHYL-PROPEN-2-OL-1 see: GE2340000
1-PHENYL-3-METHYL-5-PYRAZOLONE see: UQ9625000
1-PHENYL-3-METHYLPYRAZOLONE-5 see: UQ9625000
1-PHENYL-3-METHYL-5-PYRAZOLYL N,N-DIMETHYL CARBAMATE see: FA2450000
1-PHENYL-3-METHYL-3-(2-SULFOAETHYL) NATRIUM SALZ (German) see: XY2785000
1-PHENYL-3-METHYL-3-(2-SULFOETHYL)TRIAZENE, SODIUM SALT see: XY2785000
PHENYLMETHYLSULFONYL FLUORIDE see: XT8050000
N-(PHENYL)-C-(METHYL)-SYDNON (German) see: WU7690400
2-PHENYL-3-METHYLTETRAHYDRO-1,4-OXAZINE HYDROCHLORIDE see: QE6650000
alpha-(PHENYLMETHYL)-alpha-2-THIENYL-1-PYRROLIDINEBUTANENITRILE CITRATE see: UY0281000
1-PHENYL-3-METHYLTRIAZINE see: XY2784000
PHENYLMETHYLVALERIANSAEURE-beta-DIAETHYLAMINOAETHYLESTER-BROMMETHYLAT (German) see: BP7600000
PHENYL-MOBUZON see: UQ8225000
PHENYLMONOGLYCOL ETHER see: KM0350000
1-PHENYL-3-MONOMETHYLTRIAZENE see: XY2784000
alpha-PHENYL-4-MORPHOLINEETHANOL, p-AMINOBENZOATE (ester), MONOHYDROCHLORIDE HEMIHYDRATE see: QE3688000
p-(2-PHENYLNAPHTHO(2,1-b)FURAN-1-YL)PHENOL ACETATE see: SM8335000
1-(2-(p-(2-PHENYLNAPHTHO(2,1-b)FURAN-1-YL)PHENOXY)ETHYL)PYRROLIDINE see: UY1781700
1-(2-(p-(2-PHENYLNAPHTHO(1,2-b)FURAN-1-YL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE see: UY1781900
1-(2-(p-(2-PHENYLNAPHTHO(2,1-b)FURAN-1-YL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE see: UY1781920
2-(p-(2-PHENYLNAPHTHO(2,1-b)FURAN-1-YL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE2240000
PHENYLNAPHTHYLAMINE see: QM4500000
PHENYL-alpha-NAPHTHYLAMINE see: QM4500000
PHENYL-beta-NAPHTHYLAMINE see: QM4550000
PHENYL-2-NAPHTHYLAMINE see: QM4550000
alpha-PHENYLNAPHTHYLAMINE see: QM4500000
N-PHENYL-alpha-NAPHTHYLAMINE see: QM4500000
N-PHENYL-beta-NAPHTHYLAMINE see: QM4550000
N-PHENYL-1-NAPHTHYLAMINE see: QM4500000
N-PHENYL-2-NAPHTHYLAMINE see: QM4550000
N-PHENYLNICOTINAMIDINE see: QS4775000
PHENYLNITRAMINE see: BY6645000
N-PHENYLNITRAMINE see: BY6645000
p-PHENYL-NITROBENZENE see: DV5600000
4-PHENYL-NITROBENZENE see: DV5600000
N-PHENYL-p-NITROSOANILINE see: JK0175000
PHENYL-NITROSO-HARNSTOFF (German) see: YT9730000
4-PHENYLNITROSOPIPERIDINE see: TN2125000
N-PHENYL-N-NITROSOUREA see: YT9730000
trans-8a-PHENYLOCTAHYDRO-2H-1,4-BENZOXAZINE see: DM3163000
PHENYLON see: CD2450000
PHENYLONE see: CD2450000
trans-1-PHENYL-2-OXA-5-AZABICYCLO(4.4.0)DECANE see: DM3163000
2-PHENYL-1,3,4-OXADIAZOLE see: RO0811300
3-(5-PHENYL-1,3,4-OXADIAZOL-2-YLIMINO)INDOLIN-2-ONE see: NM2209600
PHENYL OXIRANE see: CZ9625000
R-PHENYLOXIRANE see: CZ9625010
S-PHENYLOXIRANE see: CZ9625030
2-PHENYLOXIRANE see: CZ9625000
2-PHENYL-3-(3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODOPHENYL)PROPIONIC ACID SODIUM SALT see: UF6370000
1-PHENYL-2-beta-OXY-AETHYL-AMINO-PROPAN (German) see: KL7950000
alpha-PHENYL-beta-OXYETHYLAMINOPROPANE see: KL7950000
8-(beta-PHENYL-beta-OXYISOPROPYL)AMINOCOFFEIN (German) see: EV6568500 CAFFEINE, 8-((beta-HYDROXY-alpha-METHYLPHENETHYL)AMINO)-
beta-PHENYL-gamma-OXYPROPIONSAEURE-TROPYL-ESTER (German) see: CK0700000
PHENYLPENTANOIC ACID see: YV7816000
4-PHENYLPENTANOIC ACID see: YV7815000
5-PHENYLPENTANOIC ACID see: YV7816000
PHENYLPENTANOL see: DN8780000
1-PHENYLPENTANOL see: DN8780000
PHENYL PERCHLORYL see: DA2975000
17-PHENYL-PGD2 see: MJ9681040
6-PHENYLPHALLOIDIN see: SF0230500
N-PHENYL-N-PHENACETYLPHENYLACETIC ACID see: MC0300000
N-PHENYL-N-PHENACETYLPHENYLACETIC ACID ETHYL ESTER see: MC0310000
N-(4-PHENYLPHENACYL)-1-HYOSCYAMINIUM BROMIDE see: YM3770000
2-(alpha-PHENYLPHENETHYLAMINO)PYRIDINE see: UT2814000
PHENYLPHENOL see: DV5775000
o-PHENYLPHENOL see: DV5775000
p-PHENYLPHENOL see: DV5850000
2-PHENYLPHENOL see: DV5775000
4-PHENYLPHENOL see: DV5850000
o-PHENYLPHENOL, SODIUM SALT see: DV7700000
2-PHENYLPHENOL SODIUM SALT see: DV7700000
alpha-PHENYLPHENYLACETONITRILE see: AL9800000
N-PHENYL-N-PHENYLACETYLAMINOPHENYLACETIC ACID METHYL ESTER see: MC0320000
4-PHENYL-1-PHENYLCARBAMOYL-ISONIPECOTIC ACID ETHYL ESTER see: NS6195800
N-PHENYL-p-PHENYLENEDIAMINE see: ST3150000
gamma-PHENYL-N-(1-PHENYLETHYL)BENZENEPROPANAMINE HYDROCHLORIDE see: DP4790000
p-PHENYLPHENYLGLYOXAL see: DV5320000
alpha-PHENYL-alpha(beta-PHENYLISOPROPYLAMINO)ACETONITRILE see: AM1050000
alpha-PHENYL-alpha-N-(1-PHENYLISOPROPYL)AMINOACETONITRILE see: AM1050000
(S)-3-PHENYL-1'-(PHENYLMETHYL)-(3,4'-BIPIPERIDINE)-2,6-DIONE HYDROCHLORIDE see: DW1080000
4-PHENYL-3-((PHENYLMETHYLENE)AMINO)-2(3H)-THIAZOLETHIONE see: XJ7010500
1-PHENYL-3-(3-PHENYLPROPYL)BICARBAMIMIDE see: DT4394400
PHENYLPHOSPHINE see: SZ2100000
PHENYLPHOSPHINE DICHLORIDE see: TB2478000
PHENYLPHOSPHONOTHIOATE, O-ETHYL-O-p-NITROPHENYL- see: TB1925000
PHENYLPHOSPHONOTHIOIC ACID O-(4-BROMO-2,5-DICHLOROPHENYL) O-METHYL ESTER see: TB1720000
PHENYLPHOSPHONOTHIOIC ACID O-ETHYL O-p-NITROPHENYL ESTER see: TB1925000
PHENYLPHOSPHONOUS ACID DICHLORIDE see: TB2478000
PHENYLPHOSPHONOUS DICHLORIDE see: TB2478000
PHENYLPHOSPHORAMIDIC ACID DIBUTYL ESTER see: TB3963900
PHENYLPHOSPHORAMIDIC ACID DIETHYL ESTER see: TB3964000
PHENYLPHOSPHORAMIDIC ACID DIISOBUTYL ESTER see: TB3964100
PHENYLPHOSPHORAMIDIC ACID DIISOPENTYL ESTER see: TB3964200
PHENYLPHOSPHORAMIDIC ACID DIISOPROPYL ESTER see: TB3964300
PHENYLPHOSPHORAMIDIC ACID DIPENTYL ESTER see: TB3964400
PHENYLPHOSPHORAMIDIC ACID DIPHENYL ESTER see: TB3964500
PHENYLPHOSPHORAMIDIC ACID DIPROPYL ESTER see: TB3964600
PHENYLPHOSPHORAMIDOTHIOIC ACID O,O-DIETHYL ESTER see: TB5963000
PHENYL PHOSPHORUS DICHLORIDE see: TB2478000
PHENYL PHOSPHORUS DICHLORIDE (DOT) see: TB2478000
PHENYL PHOSPHORUS THIODICHLORIDE (DOT) see: TB2200000
1-PHENYLPIPERAZINE see: TM2625000
4-PHENYL-1-PIPERAZINECARBOXAMIDINE SULFATE HYDRATE (2:1:2) see: TL1282000 1-PIPERAZINECARBOXAMIDINE, 4-PHENYL-, SULFATE, HYDRATE (2:1:2)
4-(4-PHENYL-1-PIPERAZINYL)BUTYL 3,4,5-TRIMETHOXYBENZOATE DIHYDROCHLORIDE see: DI0876700
3-(4-PHENYLPIPERAZINYL)-1-(4-PROPIONYLPHENOXY)PROPAN-2-OL see: UC2984000
alpha-PHENYLPIPERIDINEACETIC ACID, 1-BROMO-3-METHYL-1-PENTYN-3-YL ESTER see: TM3577000
alpha-PHENYLPIPERIDINEACETIC ACID, 1-BROMO-3-METHYL-1-PENTYN-3-YL ESTER HYDROCHLORIDE see: TM3580000
alpha-PHENYL-1-PIPERIDINEACETIC ACID 2-(2-DIETHYLAMINOETHOXY)ETHYL ESTER DIHYDROCHLORIDE see: TM3590000
alpha-PHENYL-2-PIPERIDINEACETIC ACID METHYL ESTER see: TM3675000
alpha-PHENYL-1-PIPERIDINEACETIC ACID 2-(2-MORPHOLINOETHOXY)ETHYL ESTER DIHYDROCHLORIDE see: TM3854500

alpha-PHENYL-1-PIPERIDINEACETIC ACID 2-(2-PIPERIDINOETHOXY)ETHYL ESTER DIHYDROCHLORIDE see: TM3855300
alpha-PHENYL-1-PIPERIDINEBUTYRAMIDE see: TM5350000
alpha-PHENYL-1-PIPERIDINEBUTYRONITRILE OXALATE see: TM5700000
4-PHENYL-1-PIPERIDINECARBOXAMIDE see: TM6111000
alpha-PHENYL-1-PIPERIDINEETHANOL p-AMINOBENZOATE (ester) HYDROCHLORIDE see: TM9575000
alpha-PHENYL-1-PIPERIDINEETHANOL BENZOATE HYDROCHLORIDE see: TM9640000
alpha-PHENYL-1-PIPERIDINEETHANOL o-ETHOXYBENZOATE (ester) HYDROCHLORIDE see: TM9660000
alpha-PHENYL-1-PIPERIDINEETHANOL o-TOLUATE (ester) HYDROCHLORIDE see: TM9920000
alpha-PHENYL-1-PIPERIDINEPROPANOL CARBANILATE HYDROCHLORIDE see: TN3701980
10-(4-PHENYL-1-PIPERIDINO)-BORNAN-2-exo-OL see: ED6651800
1-PHENYL-3-(4-PIPERIDINOBUTYL)INDOLE see: NM1300700
2-(4-PHENYLPIPERIDINO)CYCLOHEXANOL HYDROCHLORIDE see: GW0759950
PHENYL 3-PIPERIDINO-1,1-DIPHENYL-n-PROPYL KETONE HYDROBROMIDE see: EU2366000
alpha-PHENYL-alpha-(2-PIPERIDINOETHYL)beta-ETHYLBUTYRIC ACID NITRILE HYDROCHLORIDE see: TM5650000
alpha-PHENYL-alpha-(2-PIPERIDINOETHYL)-beta-ETHYLBUTYRONITRILE HYDROCHLORIDE see: TM5650000
1-PHENYL-3-(2-PIPERIDINOETHYL)INDOLE see: NM1300750
4-PHENYL-3-(2-PIPERIDINOETHYL)SYDNONE MONOHYDROCHLORIDE see: WU7693100
PHENYL 3-(PIPERIDINOMETHYL)-1,4-BENZODIOXAN-6-YL KETONE HYDROCHLORIDE see: OB6398700
1-PHENYL-3-(PIPERIDINOMETHYL)INDOLE see: NM1300800
1-(1-PHENYL-3-PIPERIDINOPROPYL) ETHYL CARBAMATE HYDROBROMIDE see: FB0430000
1-PHENYL-3-(3-PIPERIDINOPROPYL)INDOLE see: NM1300850
1-(1-PHENYL-3-PIPERIDINOPROPYL)THIONOCARBANILATE HYDROCHLORIDE see: FD9789000
5-PHENYL-2-PIPERIDINO-4,6(1H,5H)-PYRIMIDINEDIONE see: UV9104600
1-PHENYL-4-PIPERIDINO-1-(2-THIENYL)-3-BUTEN-2-ONE HYDROCHLORIDE see: EN0333000
N-PHENYL-4-(1-PIPERIDINYLMETHYL)BENZENAMINE see: TM4291000
PHENYLPRENAZONE see: UQ8530000
2-PHENYLPROPANAL see: CY1460000
3-PHENYLPROPANAL see: MW4890000
3-PHENYL-1-PROPANAL see: MW4890000
1-PHENYLPROPANE see. DA8750000
2-PHENYLPROPANE see: GR8575000
PHENYLPROPANOL see: UB8968000
gamma-PHENYLPROPANOL see: UB8970000
1-PHENYL-1-PROPANOL see: DO5470000
1-PHENYL-2-PROPANOL see: SG8589500
2-PHENYLPROPAN-1-OL see: SG8590000
3-PHENYLPROPANOL see: UB8970000
3-PHENYL-1-PROPANOL see: UB8970000
1-PHENYL-2-PROPANOL ACETATE see: AI9316000
3-PHENYL-1-PROPANOL, ACETATE see: UB9000000
PHENYLPROPANOLAMINE see: RC2275000
PHENYLPROPANOLAMINE HYDROCHLORIDE see: DN4200000
PHENYLPROPANOLAMINE HYDROCHLORIDE see: RC2975000
3-PHENYL-1-PROPANOL CARBAMATE see: UB9275000
1-PHENYL-1-PROPANONE see: UG7175000
1-PHENYL-2-PROPANONE see: UC3500100
3-PHENYLPROPENAL see: GD6475000
3-PHENYL-2-PROPENAL see: GD6475000
3-PHENYL-2-PROPENAL DIMETHYL ACETAL see: GD6500000
beta-PHENYLPROPENE see: WL5075300
(E)-1-PHENYLPROPENE see: WL5075400
trans-1-PHENYLPROPENE see: WL5075400
2-PHENYLPROPENE see: WL5075300
3-PHENYL-1-PROPENE see: DA8400000
3-PHENYLPROPENOIC ACID see: GD7800000
3-PHENYL-2-PROPENOIC ACID see: GD7800000
3-PHENYL-2-PROPENOIC ACID, 1,5-DIMETHYL-1-VINYL-4-HEXEN-1-YL ESTER see: GD9700000
3-PHENYL-2-PROPENOIC ACID PHENYLMETHYL ESTER see: GD8400000
3-PHENYL-2-PROPEN-1-OL see: GE2200000
3-PHENYL-2-PROPEN-1-YL ACETATE see: GE2275000
3-PHENYL-2-PROPENYLANTHRANILATE see: CB2725000
3-PHENYL-2-PROPEN-1-YL ANTHRANILATE see: CB2725000
PHENYLPROPENYL n-BUTYRATE see: ES8815000
3-PHENYL-2-PROPEN-1-YL CINNAMATE see: GD8562000
3-PHENYL-2-PROPEN-1-YL FORMATE see: UD5530000
3-PHENYL-2-PROPENYL PROPIONATE see: GE2360000
3-PHENYL-2-PROPEN-1-YL PROPIONATE see: GE2360000
alpha-PHENYL PROPIONALDEHYDE see: CY1460000
beta-PHENYLPROPIONALDEHYDE see: MW4890000
2-PHENYL PROPIONALDEHYDE see: CY1460000
3-PHENYLPROPIONALDEHYDE see: MW4890000
2-PHENYLPROPIONALDEHYDE DIMETHYL ACETAL see: MU6480000
17-beta-PHENYLPROPIONYLOXY-4-ESTREN-3-ONE see: KG7995000
PHENYL(PROPIONYLOXY)MERCURY see: OW9100000
3-(PHENYLPROPOXY)GUANIDINE CYCLOHEXANESULFAMATE see: GV7420000
(3-PHENYLPROPOXY)GUANIDINE compd. with CYCLOHEXANESULFAMIC ACID see: GV7420000
5-PHENYL-3-PROPOXY-as-TRIAZINE see: XZ0413000
PHENYLPROPYL ACETATE see: UB9000000
2-PHENYLPROPYL ACETATE see: SG8600000
3-PHENYLPROPYL ACETATE see: UB9000000
3-PHENYL-1-PROPYL ACETATE see: UB9000000
PHENYLPROPYL ALCOHOL see: UB8970000
beta-PHENYLPROPYL ALCOHOL see: SG8590000
gamma-PHENYLPROPYL ALCOHOL see: UB8970000
1-PHENYLPROPYL ALCOHOL see: DO5470000
2-PHENYLPROPYL ALCOHOL see: SG8590000
3-PHENYLPROPYL ALCOHOL see: UB8970000
3-PHENYLPROPYL ALDEHYDE see: MW4890000
gamma-PHENYLPROPYLCARBAMAT (German) see: UB9275000
gamma-PHENYLPROPYL CARBAMATE see: UB9275000
beta-PHENYLPROPYLENE see: WL5075300
2-PHENYLPROPYLENE see: WL5075300
PHENYLPROPYL FORMATE see: UB9300000
3-PHENYL-1-PROPYL FORMATE see: UB9300000
3-PHENYLPROPYL ISOBUTYRATE see: NQ5440000
PHENYLPROPYLMETHYLAMINE see: SH4935000
O-PHENYL S-PROPYL METHYL PHOSPHONODITHIOATE see: TA8050000
2-PHENYL-2-PROPYL-1,3-OXATHIOLANE-5-METHANOL CARBAMATE see: RP5465000
PHENYLPROPYL PROPIONATE see: UB9338400
beta-PHENYLPROPYL PROPIONATE see: UB9338400
3-PHENYLPROPYL PROPIONATE see: UB9338400
N-(3-PHENYLPROPYL)-alpha-PROPYLBENZYLAMINE HYDROCHLORIDE see: DP6755000
beta-PHENYL-beta-PROPYLTHIOETHYLAMINE HYDROCHLORIDE see: SI2370000
1-PHENYL-2-PROPYNYL CARBAMATE see: DO5950000
1-PHENYL-3-(2-PROPYNYLOXY)-2-PROPANOL CARBAMATE see: UB8950000
PHENYLPSEUDOHYDANTOIN see: RQ2975000
6-PHENYL-2,4,7-PTERIDINETRIAMINE see: UO3470000
2-PHENYL-8H-PYRAZOLO(5,1-a)ISOINDOLE see: UR0122000
2-PHENYL-PYRAZOLO(5,1-a)ISOQUINOLINE see: UR0140000
(1-PHENYL-3-PYRAZOLYL)DIAZENECARBONITRILE 2-OXIDE see: HM2968300
(1-PHENYL-4-PYRAZOLYL)DIAZENECARBONITRILE 2-OXIDE see: HM2968310
(PHENYL-1 PYRAZOLYL-3)DIAZENECARBONITRILE OXYDE-2 (French) see: HM2968300
(PHENYL-1 PYRAZOLYL-4)DIAZENECARBONITRILE OXYDE-2 (French) see: HM2968310
N'-(1-PHENYLPYRAZOL-5-YL)SULFANILAMIDE see: DA9520000
PHENYL(2-PYRIDYL)(beta-N,N-DIMETHYLAMINOMETHYL) METHANE MALEATE see: UT0175000
1-PHENYL-1-(2-PYRIDYL)-3-DIMETHYLAMINOPROPANE MALEATE see: UT0175000
PHENYL-2-PYRIDYLMETHYL-beta-N,N-DIMETHYLAMINOETHYL ETHER see: US9250000
PHENYL-2-PYRIDYLMETHYL-beta-N,N-DIMETHYLAMINOETHYL ETHER SUCCINATE see: US9275000
1-PHENYL-3-(p-2-PYRIDYLSULFAMOYLANILINO)-1,3-PROPANEDISULFONIC ACID DISODIUM SALT see: TZ2575000
5-PHENYL-2,4-PYRIMIDINEDIOL see: UV9001200
5-PHENYL-4-PYRIMIDINOL see: UW7060000
alpha-PHENYL-1-PYRROLIDINEETHANOL m-AMINOBENZOATE (ester) HYDROCHLORIDE see: UY1225800
beta-PHENYL-1-PYRROLIDINEETHANOL p-AMINOBENZOATE (ester) HYDROCHLORIDE see: UY1225850
alpha-PHENYL-1-PYRROLIDINEETHANOL p-AMINOBENZOATE (ester) MONOHYDROCHLORIDE HYDRATE see: UY1225900
alpha-PHENYL-1-PYRROLIDINEETHANOL BENZOATE (ester) HYDROCHLORIDE see: UY1226200
alpha-PHENYL-1-PYRROLIDINEETHANOL p-BUTOXYBENZOATE (ester) HYDROCHLORIDE see: UY1226300
alpha-PHENYL-1-PYRROLIDINEETHANOL p-tert-BUTYLBENZOATE HYDROCHLORIDE see: UY1226400
alpha-PHENYL-1-PYRROLIDINEETHANOL o-CHLOROBENZOATE (ester) HYDROCHLORIDE see: UY1227000
alpha-PHENYL-1-PYRROLIDINEETHANOL p-CHLOROBENZOATE (ester) HYDROCHLORIDE see: UY1227100
alpha-PHENYL-1-PYRROLIDINEETHANOL 3,4-DICHLOROBENZOATE (ester) HYDROCHLORIDE see: UY1227200
alpha-PHENYL-1-PYRROLIDINEETHANOL o-ETHOXYBENZOATE (ester) HYDROCHLORIDE see: UY1227300
alpha-PHENYL-1-PYRROLIDINEETHANOL p-ETHOXYBENZOATE (ester) HYDROCHLORIDE see: UY1227400
alpha-PHENYL-1-PYRROLIDINEETHANOL o-METHOXYBENZOATE (ester) HYDROCHLORIDE see: UY1227500
alpha-PHENYL-1-PYRROLIDINEETHANOL p-METHOXYBENZOATE (ester) HYDROCHLORIDE see: UY1227550
alpha-PHENYL-1-PYRROLIDINEETHANOL m-NITROBENZOATE (ester) HYDROCHLORIDE see: UY1227600
alpha-PHENYL-1-PYRROLIDINEETHANOL p-NITROBENZOATE (ester) HYDROCHLORIDE see: UY1227650
beta-PHENYL-1-PYRROLIDINEETHANOL p-NITROBENZOATE (ester) HYDROCHLORIDE see: UY1227700
alpha-PHENYL-1-PYRROLIDINEETHANOL p-TOLUATE (ester) HYDROCHLORIDE see: UY1228200
alpha-PHENYL-1-PYRROLIDINEPROPANOL CARBANILATE HYDROCHLORIDE see: UY2266000
2-PHENYL-3-p-(beta-PYRROLIDINOETHOXY)PHENYL-6-METHOXY-BENZOFURAN HYDROCHLORIDE see: UY1329350
3,4-trans-3-PHENYL-4-p-(beta-PYRROLIDINOETHOXY)PHENYL-7-METHOXYCHROMAN see: UY0877200
3-PHENYL-4-(p-(beta-PYRROLIDINOETHOXY)PHENYL)-7-METHOXYCHROMENE see: UY1329390
2-PHENYL-1-p-(beta-PYRROLIDINOETHOXY)PHENYLNAPHTHO(2,1-b)FURAN see: UY1781700
2-PHENYL-3-p-(beta-PYRROLIDINOETHOXY)-PHENYL-NAPHTHO(2:1-b)FURAN see: QL0845000
2-PHENYL-3-p-(beta-PYRROLIDINOETHOXY)PHENYL-(2:1-b)NAPHTHOFURAN see: QL0845000
2-PHENYL-3-(p-(beta-PYRROLIDINOETHOXY)PHENYL)-5,6-TETRAMETHYLENEBENZOFURAN HYDROCHLORIDE see: UY2606000
4-PHENYL-2-PYRROLIDINONE see: UY5912000
PHENYL-2-PYRROLIDINOPENTANE HYDROCHLORIDE see: UY2450000
1-PHENYL-2-N-PYRROLIDINOPENTANE HYDROCHLORIDE see: UY2450000
2-PHENYL-1-(p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)NAPHTHO(2,1-b)FURAN see: QL0845000
4-PHENYL-3-(2-(1-PYRROLIDINYL)ETHYL)SYDNONE MONOHYDROCHLORIDE see: WU7693500
N-PHENYL-4-(1-PYRROLIDINYLMETHYL)BENZENAMINE see: UX9706000
1-PHENYL-4-(1-PYRROLIDINYL)-1-(2-THIENYL)-3-BUTEN-2-ONE HYDROCHLORIDE see: EN0333500
PHENYLPYRROLIDONE see: UY5912000
4-PHENYLPYRROLIDONE-2 see: UY5912000
N-PHENYL-5H-PYRROLO(3,2-d)PYRIMIDIN-4-AMINE see: UY8842000
PHENYLQUECKSILBERACETAT (German) see: OV6475000
PHENYLQUECKSILBERCHLORID (German) see: OW1400000
3-PHENYL-2-QUINOXALINECARBOXALDEHYDE 1,4-DIOXIDE see: VD1576000
PHENYLRHODANID (German) see: XL1850000
PHENYL SALICYLATE see: VO6125000

SX1825000 PHENYL SELENIDE
UPDT 8310 CAS: 1132-39-4 MW: 233.18 MOLFM: C12-H10-Se
SYN: BENZENE, 1,1'-SELENOBIS- (9CI) * BIPHENYL SELENIDE * BIPHENYL SELENIUM * DIPHENYL SELENIDE * DIPHENYL SELENIUM
TOXICITY DATA AND REFERENCES:
3F07J22U30 orl-rat LD50:360 mg/kg TXAPA9 20,89,71
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHENYLSEMICARBAZIDE see: FD0575000
1-PHENYLSEMICARBAZIDE see: FD0575000
PHENYLSILICON TRICHLORIDE see: VV6650000
2-(p-(alpha-PHENYLSTYRYL)PHENOXY)TRIETHYLAMINE CITRATE see: YE2263000
1-PHENYL-5-SULFANILAMIDOPYRAZOLE see: DA9520000

SX2275000 PHENYL SULFIDE
UPDT 8403 CAS: 139-66-2 MW: 186.28 MOLFM: C12-H10-S
SYN: DIPHENYL SULFIDE * DIPHENYL SULPHIDE * DIPHENYL THIOETHER * SULFIDE, DIPHENYL * 1,1'-THIOBIS(BENZENE)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:490 mg/kg AIHAAP 23,95,62
1R10 skn-rbt LD50:11300 mg/kg AIHAAP 23,95,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

5-(PHENYLSULFINYL)-2-BENZIMIDAZOLECARBAMIC ACID METHYL ESTER see: FD0808000
(5-(PHENYLSULFINYL)-1H-BENZIMIDAZOL-2-YL)CARBAMIC ACID METHYL ESTER see: FD0808000
5-PHENYLSULFINYL-2-CARBOMETHOXYAMINOBENZIMIDAZOLE see: FD0808000
2-(PHENYLSULFONYL)ETHANOL see: KM2300000

PHENYLSUXIMIDE see: WN3325000
PHENYLSYDNONE see: WU7692500
5'-PHENYL-m-TERPHENYL see: WZ6530000
DL-6-PHENYL-2,3,5,6-TETRAHYDROIMIDAZOLE(2,1-b)THIAZOLE-HYDROCHLORIDE see: NJ5950000
6-PHENYL-2,3,5,6-TETRAHYDROIMIDAZO(2,1-b)THIAZOLE see: NJ5935000
1-(PHENYLTETRAHYDRO-4-THIOPYRANYL)PIPERIDINE, OXIDE, HYDROCHLORIDE see: TN2320000
2-(5-(1-PHENYL-1H-TETRAZOLYL)AMINO)ETHYL DISULFIDE see: XF7471200
2-PHENYL-3-((1-(1H-TETRAZOL-5-YL)ETHYL)THIO)-1H-INDOLE see: NM1301500
PHENYL-2 (TETRAZOLYL-5'-METHYLTHIO)-3 INDOLE (French) see: NM1302000
2-PHENYL-3-((1H-TETRAZOL-5-YLMETHYL)THIO)-1H-INDOLE see: NM1302000
PHENYL-2(TETRAZOLYL-5'THIO)-3 INDOLE (French) see: NM1302300
2-PHENYL-3-(1H-TETRAZOL-5-YLTHIO)-1H-INDOLE see: NM1302300
beta-(alpha-PHENYL-alpha-3-THENYLACETOXY) ETHYLDIMETHYLSULFONIUM BROMIDE see: WR7900800
N-PHENYL-N'-1,2,3-THIADIAZOL-5-YL-UREA see: YU1395000
5-PHENYL-2,4-THIAZOLEDIAMINE see: XJ4020000
PHENYL-2 THIAZOLIDINE (French) see: XJ6094000
2-PHENYLTHIAZOLIDINE see: XJ6094000
1-(4-PHENYL-2-THIAZOLYL)HYDANTOIN see: MU4022000
PHENYLTHIOCARBAMIDE see: YU1400000
PHENYL THIOCYANATE see: XL1850000
5-(2-PHENYLTHIOMETHYL-3-CARBETHOXY-6-BROMOBENZOFURYL)OXYACETIC ACID see: DF6492030
PHENYLTHIONOPHOSPHONIC DICHLORIDE see: TB2200000
PHENYLTHIOPHOSPHONATE DE O-ETHYLE ET O-4-NITROPHENYLE (French) see: TB1925000
PHENYLTHIOUREA see: YU1400000
alpha-PHENYLTHIOUREA see: YU1400000
N-PHENYLTHIOUREA see: YU1400000
1-PHENYLTHIOUREA see: YU1400000
1-PHENYL-2-THIOUREA see: YU1400000
gamma-PHENYLTHIOUREIDOBUTYRIC ACID see: ET6090000
4-(3-PHENYL-2-THIOUREIDO)BUTYRIC ACID see: ET6090000
(N-PHENYL-p-TOLUENESULFONAMIDO)ETHYLMERCURY see: OW3850000
4-PHENYL-1-p-TOLYLCARBAMOYLISONIPECOTIC ACID ETHYL ESTER see: NS6197040
(2-(PHENYL-o-TOLYLMETHOXY)ETHYL)METHYLAMINE HYDROCHLORIDE see: KR9100000
PHENYL-(o-TOLYLMETHYL) METHYLAMINOETHYL ETHER HYDROCHLORIDE see: KR9100000
5-PHENYL-3-(o-TOLYL)-s-TRIAZOLE see: XZ5252000
6-PHENYL-2,4,7-TRIAMINOPTERIDINE see: UO3470000
6-PHENYL-as-TRIAZINE-3,5-DIOL see: XY7670000
5-PHENYL-as-TRIAZINE-3-THIOL see: XZ1008000
5-PHENYL-as-TRIAZIN-3-OL see: XZ2854000
6-PHENYL-2H,4H-(1,2,3)TRIAZOLO(4,5-d)(2)BENZAZEPINE see: XZ5472100
2-PHENYL-5H-TRIAZOLO(5,1-a)ISOINDOLE see: XZ5478180
2-PHENYL-5H-1,2,4-TRIAZOLO(5,1-a)ISOINDOLE see: XZ5478200
2-PHENYL-s-TRIAZOLO(5,1-a)ISOQUINOLINE see: XZ5479400
1-PHENYL-1,2,4-TRIAZOLYL-3-(O,O-DIETHYLTHIONOPHOSPHATE) see: TF5635000
PHENYLTRICHLOROMETHANE see: XT9275000
PHENYLTRICHLOROSILANE see: VV6650000
PHENYL TRICHLOROSILANE (DOT) see: VV6650000
PHENYLTRIETHOXYSILANE see: VV4900000
PHENYLTRIMETHYLAMMONIUM IODIDE see: BT2450000
N-PHENYL-N,N',N'-TRIMETHYLETHYLENEDIAMINE FUMARATE see: KV5380000 ETHYLENEDIAMINE, N-PHENYLN,N',N'-TRIMETHYL-, FUMARATE
2-PHENYL-3,4,4-TRIMETHYL-MORPHOLINIUM BROMIDE see: QF3450180
N-PHENYL-N,N',N'-TRIMETHYL-1,3-PROPANEDIAMINE FUMARATE see: TX8272000 1,3-PROPANEDIAMINE, NPHENYL-N,N',N'-TRIMETHYL-, FUMARATE
17-PHENYL-18,19,20-TRINOR-PGD2 see: MJ9681040
17-PHENYL-18,19,20-TRINOR-PGE2 1,15-LACTONE see: GY8422000
17-PHENYL-18,19,20-TRINOR-PGF2-alpha 1,15-LACTONE see: GY8421000
17-PHENYL-18,19,20-TRINOR-PROSTAGLANDIN D2 see: MJ9681040
17-PHENYL-18,19,20-TRINOR-PROSTAGLANDIN E2 1,15-LACTONE see: GY8422000
17-PHENYL-18,19,20-TRINOR-PROSTAGLANDIN F2-alpha 1,15-LACTONE see: GY8421000
PHENYLUREA see: YU0650000
N-PHENYLUREA see: YU0650000
1-PHENYLUREA see: YU0650000
PHENYL UREA p-DI(CARBOXYMETHYL) THIOARSENITE see: AI6500000
2-(N'-PHENYLUREIDO)-1,4-DIHYDROISOQUINOLIN-3(2H)-ONE see: YT9952500
D-1-PHENYL-2-UREIDOPROPANE see: YT8403000
PHENYLURETHAN(E) see: FD8925000
N-PHENYLURETHANE see: FD8925000
PHENYLVALERIC ACID see: YV7816000
gamma-PHENYLVALERIC ACID see: YV7816000
3-PHENYLVALERIC ACID see: MW5258500
4-PHENYLVALERIC ACID see: YV7815000
5-PHENYLVALERIC ACID see: YV7816000
PHENYLVINYL KETONE see: OB6410000
PHENYL XYLYL KETONE see: DJ1300000
5-PHENYL-3-(2,4-XYLYL)-s-TRIAZOLE see: XZ5253000
PHENYRACILLIN see: XH9802000
PHENYRACILLINE (French) see: XH9802000
PHENYRAL see: CQ6825000
PHENYRIT see: YU0875000
PHENYTOIN see: MU1050000
PHENYTOIN and METHYLPHENOBARBITONE (1:2) see: MU1170000
PHENYTOIN and PHENETURIDE (1:2) see: MU1420000
PHENYTOIN and PHENOBARBITONE see: MU1180000
PHENYTOIN and PRIMIDONE (1:2) see: MU1160000
PHENYTOIN SODIUM see: MU1400000
PHENYTOINUM SODIUM see: MU1400000
PHENYTRON see: UH1854000
(D-PHE(sup 2)-D-PHE(sup 6))-LHRH see: OK6640000
(D-PHE(sup 2)-D-PHE(sup 6))-LHRH HYDROCHLORIDE HYDRATE (2:2:7) see: OK6645000
(D-PHE(sup 2)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6640000
(D-PHE(sup 2)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE HYDROCHLORIDE H2-O (2:2:7) see: OK6645000
(D-PHE(sup 2)-PHE(sup 3)-D-PHE(sup 6))-LHRH see: OK6661000
(D-PHE(sup 2)-PHE(sup 5)-D-PHE(sup 6))-LHRH see: OK6666000
(D-PHE(sup 2)-PHE(sup 3)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6661000
(D-PHE(sup 2)-PHE(sup 5)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6666000
(D-PHE(sup 2)-D-(PH)GLY(sup 6))-LHRH see: OK6671000
(D-PHE(sup 2)-D-(PH)GLY(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6671000
PHEPRAZONE see: UQ8530000
(D-PHE(sup 2)-PRO(sup 3)-D-PHE(sup 6))-LHRH see: OK6675000
(D-PHE(sup 2)-PRO(sup 3)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6675000
(D-PHE(sup 2)-PRO(sup 3)-D-TRP(sup 6))-LHRH see: OK6680000
(D-PHE(sup 2)-PRO(sup 3)-D-TRP(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6680000

PHERMERNITE see: OW8400000
PHETADEX see: SI1400000
PHETIDINE see: NS5775000
(D-PHE(sup 2)-TRP(sup 3)-D-ALA(sup 6))-LHRH see: OK6682500
(D-PHE(sup 2)-TRP(sup 3)-D-ALA(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6682500
(D-PHE(sup 2)-D-TRP(sup 3)-N(sup epsilon)-(GLU-D-PH-D-TRP-SER-TYR)-D-LYS(sup 6))-LHRH see: OK6683000
(D-PHE-2,D-TRP-3,D-PHE-6)-LHRH see: OK6684000
(D-PHE(sup 2)-D-TRP(sup 3)-D-PHE(sup 6))-LHRH see: OK6684000
(D-PHE-2,D-TRP-3,D-PHE-6)-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6684000
(D-PHE(sup 2)-D-TRP(sup 3)-D-PHE(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6684000
PHETYLUREUM see: YU0875000
(D-PHE(sup 2)-VAL(sup 3)-D-TRP(sup 6))-LHRH see: OK6686000
(D-PHE(sup 2)-VAL(sup 3)-D-TRP(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6686000
PHILBLACK N 550 see: FF5800000
PHILBLACK N 765 see: FF5800000
PHILBLACK O see: FF5800000
PHILEX see: KX4550000
PHILIPS-DUPHAR PH 60-40 see: YS6200000
PHILIPS-DUPHAR V-101 see: WQ3850000
PHILLIPS R-11 see: HP5075000

SX9260000 PHILODENDRON OXYCARDIUM Schott, leaf or stem extract
UPDT:8408
TOXICITY DATA AND REFERENCES:

*	ipr-rat LDLo:30 gm/kg	JTEHD6 1,939,76
*	orl-mus LDLo:2857 mg/kg	JTEHD6 1,939,76

PHILODORM see: CQ2975000
PHILOPON see: SH5075000
PHILOSOPHER'S WOOL see: ZH4810000
PHILOSTIGMIN BROMIDE see: BR3150000
PHILOSTIGMIN METHYL SULFATE see: CY1225000
PHIRKOO EXTRACT (Indian) see: VE5480000
PHISODAN see: SM0700000
PHISOHEX see: SM0700000
PHIX see: OV6475000
PHIXIA see: RG7850000

SY0450000 PHLEOCIDIN
DEF:An antibiotic produced by S. KAWACHIENSIS (85FZAT -,505,67)
UPDT:8307
MUTATION DATA AND REFERENCES:

	dnr-esc 20 uL/disc	MUREAV 97,1,82
	dnr-bcs 20 uL/disc	MUREAV 97,1,82

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:800 mg/kg	85FZAT -,505,67

SY0525000 PHLEOMYCIN
UPDT:8312 CAS: 11006-33-0 MW: 418.44 MOLFM: C13-H28-N3-O12
SYN: NSC 616586
MUTATION DATA AND REFERENCES:

	dnd-esc 500 ug/L/30M	MUREAV 42,181,77
	pic-esc 100 ug/L	MUREAV 47,161,74
	dnd-omi 1 mg/L	FEBLAL 39,35,74
	dnd-omi 1250 ug/L	BICHAW 13,307,74
	dnd-omi 1250 ug/L	BICHAW 13,307,74
	dni-omi 1 mg/L	CNREA8 29,912,69
	sln-dmg-orl 50 mg/L	ENMUDM 5,633,83
	cyt-hmn:leu 100 ug/L/24H	MUREAV 7,251,69
	cyt-mus-scu 2500 ug/kg	MUREAV 6,289,68
	cyt-mus:ovr 1 mg/L	MUREAV 6,289,68

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:649 mg/kg	TXAPA9 14,590,69
	ivn-rat LD50:4 mg/kg	TXAPA9 14,590,69
	orl-mus LD50:371 mg/kg	TXAPA9 14,590,69
	ivn-mus LD50:21 mg/kg	TXAPA9 14,590,69

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

SY0550000 PHLEOMYCIN D1
UPDT:8309 CAS: 11031-11-1 MW: 1427.73 MOLFM: C55-H86-N20-O21-S2
MUTATION DATA AND REFERENCES:

	dnd-omi 17 nmol/L	CNREA8 43,2849,83

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:25 mg/kg	JAJAAA 19,260,66

PHLEOMYCIN D2 see: EC5991200

SY0570000 PHLEOMYCIN G
UPDT:8311 CAS: 11031-15-5 MW: 775.44 MOLFM: C26-H49-Cu-N9-O12-S
SYN: DIHYDROBLEOMYCIN B6
MUTATION DATA AND REFERENCES:

	mmo-sat 20 ug/plate	MUREAV 117,9,83

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:200 mg/kg	85GDA2 4(1),480,80

SY0590000 PHLOMIS BRACTEOSA Royle ex Benth., extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 11,43,73)
UPDT:8412
TOXICITY DATA AND REFERENCES:

1G07	ipr-rat LD50:1 gm/kg	IJEBA6 16,228,78
2H30J30	ipr-mus LD50:1000 mg/kg	IJEBA6 11,43,73

SY0591000 PHLOMIS MACROPHYLLA Wall., extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:750 mg/kg	IJEBA6 18,594,80

PHLORASPIDINOL see: EU4885200
PHLORASPIDINOL BB see: EU4885200
PHLORASPIN see: EU5230000
PHLORASPINE see: EU5230000
PHLOROGLUCIN see: SY1050000
PHLOROGLUCINE see: SY1050000

SY1050000 PHLOROGLUCINOL
UPDT:8406 CAS: 108-73-6 MW: 126.12 MOLFM: C6-H6-O3
SYN: BENZENE, TRIHYDROXY * BENZENE, 1,3,5-TRIHYDROXY- * BENZENE-s-TRIOL * BENZENE-1,3,5-TRIOL * 1,3,5-BENZENETRIOL * 3,5-DIHYDROXYPHENOL * DILOSPAN S * 5-HYDROXYRESORCINOL * 5-OXYRESORCINOL * PHLOROGLUCIN * PHLOROGLUCINE * s-TRIHYDROXYBENZENE * sym-TRIHYDROXYBENZENE * 1,3,5-TRIHYDROXYBENZENE * 1,3,5-TRIHYDROXYCYCLOHEXATRIENE
MUTATION DATA AND REFERENCES:

	mmo-sat 400 uL/plate	BECTA6 24,590,80
	mrc-smc 3 gm/L	MUREAV 135,109,84
	cyt-ham:ovr 3 gm/L	CALEDQ 14,251,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T12	scu-rat TDLo:5 mg/kg (1D pre)	ENDOAO 57,466,55

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:5200 mg/kg	NIIRDN 6,740,82
*	ipr-rat LD50:3180 mg/kg	NIIRDN 6,740,82
*	scu-rat LD50:4850 mg/kg	NIIRDN 6,740,82
	orl-mus LD50:4550 mg/kg	OYYAA2 3,187,69
	ipr-mus LD50:4050 mg/kg	OYYAA2 3,187,69
	scu-mus LD50:5520 mg/kg	OYYAA2 3,187,69
	scu-gpg LDLo:1000 mg/kg	RMSRA6 15,561,1895

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 47(2),75,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHLOROL see: SL4025000
PHLORONE see: DK4800000
PHLOXIN see: LM5820000
PHLOXINE see: LM5820000
PHLOXINE B see: LM5900000
PHLOXINE G see: QJ6030000
PHLOXINE 2G see: QJ6030000
PHLOXINE RED 20-7600 see: LM5850000
PHLOXINE SODIUM see: LM5825000
PHLOXINE TONER B see: LM5850000
PHLOX RED TONER X-1354 see: LM5850000
PHMA see: GZ0590050
PHOB see: CQ6825000
PHOBEX see: DD2800000

SY1950000 PHOEBE LANCEOLATA Nees, extract excluding roots
DEF:Indian plant belonging to the family LAURACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: KEKAR EXTRACT
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1000 mg/kg	IJEBA6 9,91,71

SY1960000 PHOENIX PALUDOSA Roxb., extract excluding roots
DEF:Indian plant belonging to the family PALMAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1 gm/kg	IJEBA6 18,594,80

PHOLATE see: XX9450000
PHOLCODIN see: QD1575000
PHOLCODINE see: QD1575000
PHOLCODINE see: QD1586000

SY2545000 PHOLIDOTA GRIFFITHII Hook. f., extract
DEF:Indian plant belonging to the family ORCHIDACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:375 mg/kg	IJEBA6 18,594,80

SY2550000 PHOLIDOTA PROTRACTA Hook. f., extract
DEF:Indian plant belonging to the family ORCHIDACEAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1000 mg/kg	IJEBA6 7,250,69

PHOMIN see: RO0205000
PHOMOPSIN see: SY2593000

SY2593000 PHOMOPSIN A
UPDT:8407 CAS: 64925-80-0
SYN: PHOMOPSIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	ipr-rat TDLo:150 ug/kg (6-10D preg)	AJEBAK 61,105,83
1T34	ipr-rat TDLo:400 ug/kg (6D preg)	AJEBAK 61,105,83

TOXICITY DATA AND REFERENCES:

*	unk-rat LD50:5 mg/kg	AJEBAK 61,105,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHONURIT see: AC8225000
PHOPURINE see: SZ5827000

SY2610000 PHORADENDRON RUBRUM Griseb., leaf and stem extract
DEF:Jamaican plant belonging to the family LORANTHACEAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:

1H02	ipr-mus LDLo:40 mg/kg	JPPMAB 14,556,62

SY2612000 PHORADENDRON WATTII Kr. and Urb., leaf and stem extract
DEF:Jamaican plant belonging to the family LORANTHACEAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:

1H01	ipr-mus LDLo:20 gm/kg	JPPMAB 14,556,62

PHORAT (German) see: TD9450000
PHORATE see: TD9450000
PHORATE-10G see: TD9450000
PHORBOL see: GZ0600000
PHORBOL ACETATE, CAPRATE see: GZ0617000
PHORBOL ACETATE, LAURATE see: GZ0620000
PHORBOL ACETATE, MYRISTATE see: GZ0630000
PHORBOL, 12-O-BUTYROYL-13-DODECANOATE see: GZ0635000
PHORBOL CAPRATE, (+)-(S)-2-METHYLBUTYRATE see: GZ0640000
PHORBOL CAPRATE, TIGLATE see: GZ0650000
PHORBOL-12,13-DIACETATE see: GZ0651000
PHORBOL-12,13-DIDECANOATE see: GZ0653000
PHORBOL-12,13-DIHEXA(DELTA-2,4)-DIENOATE see: GZ0655000
PHORBOL-12,13-DIHEXANOATE see: GZ0657000
PHORBOL, 2,3-DIHYDRO-, ACETATE MYRISTATE see: GZ0670000
PHORBOL LAURATE, (+)-S-2-METHYLBUTYRATE see: GZ0660000
PHORBOL MONOACETATE MONOLAURATE see: GZ0620000
PHORBOL MONOACETATE MONOMYRISTATE see: GZ0630000
PHORBOL MONODECANOATE (S)-(+)-MONO(2-METHYLBUTYRATE) see: GZ0640000
PHORBOL MONODECANOATE MONO(2-METHYLCROTONATE), (E)- see: GZ0650000
PHORBOL MONOLAURATE MONO(S)-(+)-2-METHYLBUTYRATE see: GZ0660000
PHORBOL-12-MONOMYRISTATE see: XB8580000
PHORBOL-12-MYRISTATE see: XB8580000
PHORBOL MYRISTATE ACETATE see: GZ0630000
PHORBOL-9-MYRISTATE-9a-ACETATE-3-ALDEHYDE see: GZ0591900
PHORBOLOL ACETATE MYRISTATE see: GZ0590050
PHORBOLOL MYRISTATE ACETATE see: GZ0590050
PHORBOL-12-O-TIGLYL-13-BUTYRATE see: GZ0665500
PHORBOL, 12-o-TIGLYL-13-DODECANOATE see: GZ0666000
PHORBYOL see: FI4100000
PHORDENE see: AG8400000
PHORTISOLONE see: TU4153300
PHORTOX see: AJ8400000
PHOSADEN see: AU7480500
PHOSALON see: TD5175000
PHOSALONE see: TD5175000
PHOSAZETIM see: TB4725000
PHOSBUTYL see: TB4680000
PHOSCHLOR see: TA0700000
PHOSCHLOR R50 see: TA0700000
PHOSDRIN see: GQ5250000
cis-PHOSDRIN see: GQ5250000
PHOSETHYL see: SZ9640000
PHOSETHYL AL see: SZ9640000
PHOSFENE see: GQ5250000
PHOSFLEX 179-C see: TD0350000
PHOS-FLUR see: WB0350000
PHOSFOLAN see: NJ6400000
PHOSFOLAN see: NJ6475000
PHOSFON see: TA2975000
PHOSFON D see: TA2975000
PHOSGEN (German) see: SY5600000

SY5600000 PHOSGENE
UPDT:8408 CAS: 75-44-5 MW: 98.91 MOLFM: C-Cl2-O
SYN: CARBONE (OXYCHLORURE DE) (French) * CARBON OXYCHLORIDE * CARBONYLCHLORID (German) * CARBONYL CHLORIDE * CARBONYL CHLORIDE (DOT) * CG * CHLOROFORMYL CHLORIDE * CARBONIO (OSSICLORURO DI) (Italian) * DIPHOSGENE * DIPHOSGENE (DOT) * FOSGEEN (Dutch) * FOSGEN (Polish) * FOSGENE (Italian) * KOOLSTOFOXYCHLORIDE (Dutch) * NCI-C60219 * PHOSGEN (German) * PHOSGENE (DOT) * RCRA WASTE NUMBER P095 * UN 1076 (DOT)
TOXICITY DATA AND REFERENCES:

	ihl-hmn LC50:3200 mg/m3	SCJUAD 4,33,67
*	ihl-man LCLo:360 mg/m3/30M	85GMAT -,99,82
1J30	ihl-hmn TCLo:25 ppm/30M	29ZWAE -,207,68
	ihl-rat LCLo:50 ppm/30M	XEURAQ MDDC-1715
3J15J07J04	ihl-dog LCLo:80 ppm/30M	AJPHAP 51,303,20
*	ihl-cat LCLo:190 mg/m3/15M	85GMAT -,99,82
*	ihl-rbt LCLo:720 mg/m3/15M	85GMAT -,99,82
1J15	ihl-gpg LCLo:31 mg/m3/20M	ATXKA8 29,267,72
	ihl-mam LCLo:50 ppm/5M	AEPPAE 138,65,28

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ANAEA3 35,165,75; AEHLAU 28,272,74; CMTVAS 10(3),49,73

★ TLV-TWA 100 ppb	DTLVS* 4,336,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 0.1 ppm (SCP-J)	FEREAC 39,23540,74
★ DOT-HAZARD:POISON A; LABEL:POISON GAS	CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO PHOSGENE recm std-air:TWA 0.1 ppm;CL 0.2 ppm/15M	NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0278-0076 P;8EHQ-0278-0079 P
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSGENE (DOT) see: SY5600000
PHOSGENE, THIO- see: XN2450000
PHOSKIL see: TF4550000
PHOSMET see: TE2275000

SY6475000 3-PHOSPHABICYCLO(4.4.0)DECANE, P-CHLORO-2,4-DIOXA-5-METHYL-P-THIONO-
UPDT:8308 CAS: 2921-31-5 MW: 240.70 MOLFM: C8-H14-Cl-O2-P-S
SYN: P-CHLORO-2,4-DIOXA-5-METHYL-P-THIONO-3-PHOSPHABICYCLO(4.4.0)DECANE * ENT 23,970 * UC 8305 * UNION CARBIDE UC-8305
IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open MLD	AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:120 mg/kg	ARSIM* 20,25,66
1R10	skn-rbt LD50:360 mg/kg	AIHAAP 23,95,62
	orl-ckn LD50:26 mg/kg	TXAPA9 11,49,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SY6476000 9-PHOSPHABICYCLONONANE (DOT)
UPDT:8403 MW: 142.20 MOLFM: C8-H15-P
SYN: UN 2940 (DOT)
STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE	CFRGBR 49,172.102,83

PHOSPHACIN see: SZ5835000
PHOSPHACOL see: TC2275000
PHOSPHADEN see: AU7480500
PHOSPHALUGEL see: TB6450000
PHOSPHAMID see: TE1750000
PHOSPHAMIDE see: TE1750000
PHOSPHAMIDON see: TC2800000
PHOSPHANILIC ACID see: SZ6561300
PHOSPHATE 100 see: TF8225000
PHOSPHATE DE O,O-DIETHYLE ET DE O-2-CHLORO-1-(2,4-DICHLOROPHENYL) VINYLE (French) see: TB8750000
PHOSPHATE DE DIMETHYLE ET DE (2-CHLORO-2-DIETHYLCARBAMOYL-1-METHYL-VINYLE) (French) see: TC2800000
PHOSPHATE DE O,O-DIMETHLE ET DE O-(1,2-DIBROMO-2,2-DICHLORETHYLE) (French) see: TB9450000
PHOSPHATE DE DIMETHYLE ET DE 2,2-DICHLOROVINYLE (French) see: TC0350000
PHOSPHATE DE DIMETHYLE ET DE 2-DIMETHYLCARBAMOYL 1-METHYL VINYLE (French) see: TC3850000
PHOSPHATE DE DIMETHYLE ET DE 2-METHOXYCARBONYL-1 METHYLVINYLE (French) see: GQ5250000
PHOSPHATE DE DIMETHYLE ET DE 2-METHYLCARBAMOYL 1-METHYL VINYLE (French) see: TC4375000
PHOSPHATE DE TRICRESYLE (French) see: TD0175000

SY7115000 PHOSPHATE(1-) HEXAFLUORO-, HYDROGEN
UPDT:8308 CAS: 16940-81-1 MW: 145.98 MOLFM: F6-H-P
SYN: HEXAFLUOROPHOSPHORIC ACID * HEXAFLUOROPHOSPHORIC ACID (DOT) * HYDROGEN HEXAFLUOROPHOSPHATE * UN 1782 (DOT)
REVIEW AND REFERENCES:

★ TLV-TWA 2.5 mg(F)/m3	DTLVS* 4,195,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3	FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE	CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3	NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PHOSPHATE ROCK see: LL4850000
PHOSPHATE, SODIUM HEXAMETA see: OY3675000

SY7190000 PHOSPHATIDYLINOSITOL, SODIUM SALT
UPDT:8406

MUTATION DATA AND REFERENCES:

	dns-hmn:lym 100 ug/L	CALEDQ 17,257,83
	dni-hmn:oth 100 mg/L	CALEDQ 17,257,83
	dns-mus:emb 100 ug/L	CALEDQ 17,257,83

PHOSPHAZINE (the pharmaceutical) see: SZ5835000
PHOSPHEMIDE see: SZ5835000
PHOSPHEMOL see: TF4550000

SY7250000 PHOSPHENODITHIOIC ACID, DIPHENYL-, (DIPHENYLMETHYL) ESTER
UPDT:8402 CAS: 68640-54-0 MW: 416.55 MOLFM: C25-H21-P-S2
SYN: DIPHENYLMETHYL DIPHENYLPHOSPHENODITHIOATE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1000 mg/kg	KSKZAN 16,18,78

PHOSPHENOL see: TF4550000
PHOSPHENTASIDE see: AU7480500
PHOSPHESTROL see: WJ5680000
PHOSPHIMID see: SZ5835000

SY7525000 PHOSPHINE
UPDT:8408 CAS: 7803-51-2 MW: 34.00 MOLFM: H3-P
SYN: CELPHOS * DELICIA * DETIA * DETIA GAS EX-B * FOSFOROWODOR (Polish) * GAS-EX-B * HYDROGEN PHOSPHIDE * PHOSPHINE (DOT) * PHOSPHORUS TRIHYDRIDE * PHOSPHORWASSERSTOFF (German) * RCRA WASTE NUMBER P096 * UN 2199 (DOT)

TOXICITY DATA AND REFERENCES:

	ihl-hmn LCLo:1000 ppm	GUCHAZ 6,412,73
1J22	ihl-rat LC50:11 ppm/4H	AIHAAP 36,452,75
*	ihl-mus LCLo:380 mg/m3/140M	85GMAT -,75,82
*	ihl-cat LCLo:70 mg/m3/105M	85GMAT -,75,82
	ihl-rbt LCLo:2500 ppm/20M	AEXPBL 27,314,1890
*	ihl-gpg LCLo:140 mg/m3/4H	85GMAT -,75,82
	ihl-mam LCLo:1000 ppm/5M	AEPPAE 138,65,28

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AQMOAC #73-19,1973; NTIS** AD-778,725
★ TLV-TWA 300 ppb; STEL 1 ppm DTLVS* 4,337,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 400 ug/m3 (SCP-O) FEREAC 39,23540,74
★ DOT-HAZARD:POISON A; LABEL:POISON GAS AND FLAMMABLE GAS CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 S332#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SY8200000 PHOSPHINECARBOXYLIC ACID, DIHYDROXY-, OXIDE, TRISODIUM SALT
UPDT:8408 CAS: 63585-09-1 MW: 191.95 MOLFM: C-O5-P .3Na
SYN: A 29622 * DIHYDROXYPHOSPHINECARBOXYLIC ACID OXIDE TRISODIUM SALT * FOSCARNET SODIUM * TRISODIUM CARBOXYPHOSPHATE * TRISODIUM PHOSPHONOFORMATE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:384 mg/kg	USXXAM #4215113

PHOSPHINE, DICHLOROETHYL- see: TB2465000
PHOSPHINE (DOT) see: SY7525000

SY9292000 PHOSPHINE OXIDE, BENZYL-BIS(2-METHYL-1-AZIRIDINYL)-
UPDT:8401 CAS: 26867-66-3 MW: 250.31 MOLFM: C13-H19-N2-O-P
SYN: BENZYL-BIS(2-METHYL-1-ARIZIDINYL)PHOSPHINE OXIDE

MUTATION DATA AND REFERENCES:

	sln-dmg-par 5 nmol/L	IMSUAI 38,442,69

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

SY9299000 PHOSPHINE OXIDE, P,P-BIS(1-AZIRIDINYL)-P-(1-ADAMANTYL)-
UPDT:8401 CAS: 64693-33-0 MW: 266.36 MOLFM: C14-H23-N2-O-P
SYN: AZIRIDINE, 1,1'-(TRICYCLO(3.3.1.1(sup 3,7))DEC-1-YLPHOSPHINYLIDENE)BIS- * P,P-BIS(1-AZIRIDINYL)-P-(1-ADAMANTYL)-PHOSPHINE OXIDE * N,N'-BIS(ETHYLENE)-P-(1-ADAMANTYL)PHOSPHONIC DIAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T26	orl-mus TDLo:75 mg/kg (5D male)	JMCMAR 21,143,78
1T23	orl-mus TDLo:169 mg/kg (5D male)	JMCMAR 21,143,78
1T26	ipr-mus TDLo:75 mg/kg (5D male)	JMCMAR 21,143,78
1T23	ipr-mus TDLo:112 mg/kg (5D male)	JMCMAR 21,143,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHINE OXIDE, BIS(1-AZIRIDINYL)ANILINO- see: SZ5785000

SY9500000 PHOSPHINE OXIDE, BIS(1-AZIRIDINYL)METHYLAMINO-
UPDT:8402 CAS: 2275-61-8 MW: 160.16 MOLFM: C5-H11-N3-O-P
SYN: ENT 51254 * METHYLAMINO-BIS(1-AZIRIDINYL)PHOSPHINE OXIDE

MUTATION DATA AND REFERENCES:

	sln-dmg-par 500 pmol/L	IMSUAI 38,442,69
	dlt-mus-ipr 500 ug/kg	FOBLAN 20,1,74
	cyt-ham:lng 33 umol/L	HEREAY 68,255,71

TOXICITY DATA AND REFERENCES:

*	orl-qal LD50:237 mg/kg	JRPFA4 48,371,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

PHOSPHINE OXIDE, BIS(DIMETHYLAMINO)FLUORO- see: TD4025000

SZ0180400 PHOSPHINE OXIDE, (3-(DIMETHYLAMINO)PROPYL)DIPHENYL-
UPDT:8402 MW: 287.37 MOLFM: C17-H22-N-O-P
SYN: (3-(DIMETHYLAMINO)PROPYL)DIPHENYLPHOSPHINE OXIDE

TOXICITY DATA AND REFERENCES:

3A11F07F17	unk-mus LDLo:500 mg/kg	JPMSAE 54,1063,65

SZ0181000 PHOSPHINE OXIDE, DIOCYTLISOPENTYL-
UPDT:8401 MW: 344.63 MOLFM: C21-H45-O-P
SYN: DIOCTYLISOPENTYLPHOSPHINE OXIDE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:8369 mg/kg	GISAAA 47(8),27,82
*	ihl-rat LC50:3311 mg/m3	GISAAA 47(8),27,82
*	orl-mus LD50:9500 mg/kg	GISAAA 47(8),27,82
*	ihl-mus LC50:1288 mg/m3	GISAAA 47(8),27,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHINE OXIDE, FLUOROBIS(ISOPROPYLAMINO)- see: TD3675000
PHOSPHINE OXIDE, FLUOROISOPROPOXYMETHYL- see: TA8400000
PHOSPHINE OXIDE, FLUOROMETHYL(1,2,2-TRIMETHYLPROPOXY)- see: TA8750000

SZ1300000 PHOSPHINE OXIDE, 1,4-PIPERAZINEDIYLBIS(BIS(1-AZIRIDINYL)-
UPDT:8408 CAS: 738-99-8 MW: 346.36 MOLFM: C12-H24-N6-O2-P2
SYN: 1,4-BIS(N,N'-DIETHYLENE PHOSPHAMIDE)PIPERAZINE * DIPIN * DIPINE * ENT-50107 * PIPERAZINE, 1,4-BIS(BIS(1-AZIRIDINYL)PHOSPHINYL)- * 1,4-PIPERAZINEDIYLBIS(BIS(1-AZIRIDINYL)PHOSPHINE OXIDE * TETRA-ETHYLENEIMIDEPIPERAZINE-N,N-DIPHOSPHORIC ACID

MUTATION DATA AND REFERENCES:

	cyt-oin-par 24 mmol/L	CNJGA8 11,648,69
	dlt-oin-unk 1 pph/3H-C	AESAAI 62,790,69
	cyt-hmn:lym 29 umol/L	SOGEBZ 10,1580,74
	sce-hmn:lym 10 mg/L	TGANAK 16(2),34,82
	cyt-rat-ipr 60 mg/kg	SOGEBZ 11,1347,75
	cyt-pig-ipr 20 mg/kg	CYGEDX 10(6),54,76

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:68 mg/kg	RPTOAN 36,240,73
1V30	ipr-mus LD50:90 mg/kg	PCJOAU 14,363,80
	scu-mus LD50:58 mg/kg	ANTBAL 21,262,76

SZ1750000 PHOSPHINE OXIDE, TRIS(1-AZIRIDINYL)-
UPDT:8402 CAS: 545-55-1 MW: 173.18 MOLFM: C6-H12-N3-O-P
SYN: APHOXIDE * APO * AZIRIDINE, 1,1',1''-PHOSPHINYLIDYNETRIS- * 1-AZIRIDINYL PHOSPHINE OXIDE (TRIS) (DOT) * ENT 24915 * IMPERON FIXER T * NSC 9717 * 1,1',1''-PHOSPHINYLIDYNETRISAZIRIDINE * PHOSPHORAMIDE, N,N',N'-TRIETHYLENE- * PHOSPHORIC ACID TRIETHYLENE IMIDE * PHOSPHORIC ACID TRIETHYLENEIMINE (DOT) * PHOSPHORIC TRIAMIDE, N,N',N'-TRIETHYLENE- * SK-3818 * TAPO * TEF * TEPA * TRIAZIRIDINOPHOSPHINE OXIDE * TRIAZIRIDINYLPHOSPHINE OXIDE * TRI(1-AZIRIDINYL)PHOSPHINE OXIDE * TRIAETHYLENPHOSPHORSAEUREAMID (German) * N,N',N''-TRI-1,2-ETHANEDIYLPHOSPHORIC TRIAMIDE * TRIETHYLENEPHOSPHORAMIDE * N,N',N'-TRIETHYLENEPHOSPHORAMIDE * TRIETHYLENEPHOSPHORIC TRIAMIDE * N,N',N''-TRIETHYLENEPHOSPHORIC TRIAMIDE * TRIETHYLENEPHOSPHOROTRIAMIDE * TRIS(1-AZIRIDINE)PHOSPHINE OXIDE * TRIS(AZIRIDINYL)PHOSPHINE OXIDE * TRIS(1-AZIRIDINYL)PHOSPHINE OXIDE * TRIS-(1-AZIRIDINYL)PHOSPHINE OXIDE (DOT) * TRIS(N-ETHYLENE)PHOSPHOROTRIAMIDATE * UN 2501 (DOT)

MUTATION DATA AND REFERENCES:

	mmo-sat 5 uL/plate	MUREAV 28,405,75
	mmo-esc 5 uL/plate	MUREAV 28,405,75
	pic-esc 230 umol/L	HEREAY 68,245,71
	sln-dmg-ipr 500 ug/kg	EVSRBT 24,917,81
	sln-dmg-par 300 pmol/L	IMSUAI 38,442,69
	dlt-dmg-ipr 500 ug/kg	EVSRBT 24,917,81
	dlt-dmg-par 100 umol/L	FOBLAN 18,139,72
	trn-dmg-par 200 umol/L	FOBLAN 18,139,72
	trn-dmg-ipr 500 ug/kg	EVSRBT 24,917,81
	mmo-smc 10 mmol/L	HEREAY 68,245,71
	mmo-ssp 2300 umol/L	EVSRBT 24,917,81
	cyt-oin-par 4800 umol/L	CNJGA8 11,648,69
	cyt-oin-orl 1000 ppm	ABABAC 17,661,77
	dlt-oin-par 850 ng	MUREAV 7,63,69
	dlt-oin-unk 5 ppm	BWHOA6 47,305,72
	dlt-oin-par 10 ug	BEREA2 62,401,73
	dlt-oin-par 1 ug	BEREA2 62,401,73
	spm-oin-orl 1000 ppm	ABABAC 17,661,77
	cyt-hmn:leu 100 umol/L	CHROAU 24,314,68
	cyt-hmn:lym 125 ug/L	BEXBAN 82,1581,76
	sce-hmn:lym 100 ng/L	MUREAV 53,215,78
	cyt-rat-ipr 10 mg/kg/24H	MUREAV 65,121,79
	cyt-mus-ipr 15 mg/kg	NULSAK 19,106,76
	dlt-mus-ipr 40 ug/kg	TXAPA9 17,23,70
	spm-mus-ipr 4 mg/kg	REBPAT 13,1,76
	trn-mus-ipr 2500 ug/kg	REBPAT 13,1,76
	cyt-ham-ipr 5 mg/kg	EVSRBT 24,917,81
	cyt-ham:lng 33 umol/L	EVSRBT 24,433,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T34T43T59	ipr-rat TDLo:5 mg/kg (11D preg)	AEHLAU 16,805,68
2T25T26	ipr-rat TDLo:7500 mg/kg (11D preg)	AEHLAU 16,805,68
2T23T26	itt-rat TDLo:2 mg/kg (1D male)	CCPTAY 22,175,80
2T82T91	ipr-mus TDLo:2500 ug/kg (1D male)	FOBLAN 16,367,70
1T09	ipr-mus TDLo:10 mg/kg (1D male)	NATUAS 225,1260,70
3T21T23T29	ipr-mus TDLo:10 mg/kg (1D male)	GENTAE 65,483,70
1T25	ipr-mus TDLo:312 ug/kg (1D male)	TXAPA9 23,288,72
1T24	ipr-mus TDLo:2500 ug/kg (1D male)	TXAPA9 23,288,72
2T23T26	itt-ham TDLo:4 mg/kg (1D male)	CCPTAY 22,175,80

TUMORIGENIC DATA AND REFERENCES:

3V01R60T61	orl-rat TDLo:1300 ug/kg/1Y-I	JNCIAM 41,985,68
3V02R60T61	orl-rat TD :3120 ug/kg/1Y-I	JNCIAM 41,985,68

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:37 mg/kg	BWHOA6 31,737,64
	skn-rat LD50:87 mg/kg	BWHOA6 31,737,64
	orl-mus LD50:420 mg/kg	KOBUA3 24,788,75
	ipr-mus LDLo:156 ug/kg	TXAPA9 23,288,72
*	ivn-mus LD50:178 mg/kg	CSLNX* NX#02129
	ivn-dog LDLo:430 ug/kg	CCSUBJ 2,202,65
	ivn-mky LDLo:870 ug/kg	CCSUBJ 2,202,65
	orl-ckn LD50:151 mg/kg	TXAPA9 16,100,70
*	orl-qal LD50:237 mg/kg	JRPFA4 48,371,76
3F19J24L01	orl-dom LDLo:50 mg/kg	ANYAA9 111,715,64
1V30	unk-mam LD50:15 mg/kg	VOONAW 26(5),54,80

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JORCAI 76(3),265,74; JAMAAP 172,1765,60
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 9,75,75

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SZ1790000 PHOSPHINE OXIDE, TRIS(p-DIMETHYLAMINOPHENYL)-, compd. with STANNIC CHLORIDE (2:1)
UPDT:7901 CAS: 38402-95-8 MW: 1075.57 MOLFM: C48-H60-N6-O2-P2 .Cl4-Sn
SYN: BIS-(TRIS(p-DIMETHYLAMINOPHENYL)PHOSPHINE OXIDE)STANNIC CHLORIDE COMPLEX

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:180 mg/kg	CSLNX* NX#02651

REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74

SZ1925000 PHOSPHINE OXIDE, TRIS(1-(2-METHYL)AZIRIDINYL)-
UPDT:8408 CAS: 57-39-6 MW: 215.27 MOLFM: C9-H18-N3-O-P
SYN: C 3172 * ENT 50,003 * MAPO * METAPOXIDE * METEPA * METHAPHOXIDE * METHYL APHOXIDE * 1,1',1''-PHOSPHINYLIDYNETRIS(2-METHYL)AZRIDINE * TRIS(2-METHYL-1-AZIRIDINYL)PHOSPHINE OXIDE * TRIS(2-METHYLAZIRIDIN-1-YL)PHOSPHINE OXIDE * N,N',N''-TRIS(1-METHYLETHYLENE)PHOSPHORAMIDE * TRIS(1-METHYLETHYLENE)PHOSPHORIC TRIAMIDE

MUTATION DATA AND REFERENCES:

	mmo-sat 5 uL/plate	MUREAV 28,405,75
	mmo-esc 5 uL/plate	MUREAV 28,405,75
	sln-dmg-par 5 nmol/L	IMSUAI 38,442,69
	dlt-dmg-orl 1 mmol/L	RPZHAW 33,215,82
	oms-oin-skn 1000 ppm	CYTOAN 38,21,73
	cyt-oin-skn 50 ppm	CYTOAN 38,21,73
	dlt-oin-unk 10 ppm	BWHOA6 47,305,72
	dlt-oin-par 5 ug	BEREA2 62,401,73
	dlt-oin-orl 4000 ppm	ETEAAT 12,221,69
	dlt-oin-skn 10 ug	ETEAAT 12,221,69
	spm-oin-unk 50 ug	JMENA6 9,139,72
	cyt-hmn:lym 20 mg/L	SOGEBZ 8,783,72

	cyt-rat-ipr 20 mg/kg	MUREAV 26,199,74
	cyt-rat-orl 408 mg/kg/30D	IJEBA6 16,1000,78
	mnt-mus-ipr 100 ug/kg/24H	MUREAV 26,391,74
	dlt-mus-ipr 12500 ug/kg	TXAPA9 23,288,72
	spm-mus-ipr 30 mg/kg/5D	PNASA6 72,4425,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T76	orl-rat TDLo:200 ug/kg (1D pre)	IJMRAQ 67,958,78
3T26T29T72	orl-rat TDLo:140 mg/kg (male)	BWHOA6 34,317,66
1T02	orl-rat TDLo:193 mg/kg (77D male)	BWHOA6 31,737,64
3T23T26T71	orl-rat TDLo:1 mg/kg (1D male)	IJMRAQ 67,958,78
1T23	orl-rat TDLo:350 mg/kg (70D male)	BWHOA6 31,737,64
2T22T26	orl-rat TDLo:500 ug/kg (1D pre)	IJMRAQ 67,958,78
3T35T46T81	ipr-rat TDLo:30 mg/kg (12D preg)	BWHOA6 34,317,66
1T31	ipr-rat TDLo:30 mg/kg (12D preg)	BWHOA6 34,317,66
1T34	ipr-rat TDLo:8750 ug/kg (7-13D preg)	BWHOA6 34,317,66
1T25	ipr-rat TDLo:30 mg/kg (11D preg)	AEHLAU 16,805,68
1T25	ipr-mus TDLo:12500 ug/kg (1D male)	TXAPA9 23,288,72
1T24	ipr-mus TDLo:25 mg/kg (1D male)	TXAPA9 23,288,72
1T82	ipr-mus TDLo:25 mg/kg (5D pre)	MUREAV 70,109,80

TUMORIGENIC DATA AND REFERENCES:

3V01A60P61	orl-rat TDLo:1000 mg/kg/60W-I	BWHOA6 34,317,66

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:136 mg/kg	TXAPA9 14,515,69
	skn-rat LD50:183 mg/kg	BWHOA6 31,737,64
	orl-mus LD50:292 mg/kg	INHEAO 8,54,70
	skn-mus LD50:375 mg/kg	INHEAO 8,54,70
	ipr-mus LDLo:3125 ug/kg	TXAPA9 23,288,72
	scu-mus LD50:140 mg/kg	INHEAO 8,54,70
	orl-ckn LD50:329 mg/kg	TXAPA9 16,100,70
3F19J24L01	orl-dom LDLo:50 mg/kg	ANYAA9 111,715,64

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: 32XPAD -,49,75; 85CVA2 5,250,70

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 9,107,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SZ2100000 PHOSPHINE, PHENYL-

UPDT:8201 CAS: 638-21-1 MW: 110.10 MOLFM: C6-H7-P

SYN: PHENYLPHOSPHINE

TOXICITY DATA AND REFERENCES:

2J22D17	ihl-rat LC50:38 ppm/4H	AIHAAP 30,154,69

REVIEW AND REFERENCES:

★ TLV-CL 50 ppb DTLVS* 4,334,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SZ2450000 PHOSPHINE SELENIDE, TRIMETHYL-

UPDT:7901 CAS: 20819-54-9 MW: 155.05 MOLFM: C3-H9-P-Se

SYN: TRIMETHYLPHOSPHINE SELENIDE

TOXICITY DATA AND REFERENCES:

	ivn-mus LDLo:8 mg/kg	JPETAB 25,315,25

REVIEW AND REFERENCES:

★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

SZ2460000 PHOSPHINE SELENIDE, TRIPIPERIDINO-

UPDT:7901 CAS: 68541-88-8 MW: 362.41 MOLFM: C15-H30-N3-P-Se

SYN: TRIPIPERIDINOPHOSPHINE SELENIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:56 mg/kg	CSLNX* NX#05677

REVIEW AND REFERENCES:

★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

PHOSPHINE SULFIDE, BIS(1-AZIRIDINYL)AMINO- see: SZ5990100

SZ2530000 PHOSPHINE SULFIDE, BIS(1-AZIRIDINYL)MORPHOLINO-

UPDT:8307 CAS: 2168-68-5 MW: 233.30 MOLFM: C8-H16-N3-O-P-S

SYN: BIS(1-AZIRIDINYL)MORPHOLINOPHOSPHINE SULPHIDE * N,N-DIETHYLENEMORPHOLINOPHOSPHINOTHIOIC DIAMIDE * N,N'-DIETHYLENE-N''-(3-OXAPENTAMETHYLENE)PHOSPHOROTHIOIC TRIAMIDE * DIETHYLENE OXAPENTAMETHYLENETHIOPHOSPHORAMIDE * MORPHOLINE, 4-(BIS(1-AZIRIDINYL)PHOSPHINOTHIOYL)- (9CI) * MORZID * OPSPA * N-(3-OXAPENTAMETHYLENE)-N',N''-DIETHYLENETHIOPHOSPHORAMIDE * THIOMORPHOLIDOPHOSPHORIC DIETHYLENIMIDE

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 9,55,75

SZ2667000 PHOSPHINE SULFIDE, (3-(DIMETHYLAMINO)PROPYL)DIPHENYL-

UPDT:8402 MW: 303.43 MOLFM: C17-H22-N-P-S

SYN: (3-(DIMETHYLAMINO)PROPYL)DIPHENYLPHOSPHINE SULFIDE

TOXICITY DATA AND REFERENCES:

3A11F07F17	unk-mus LDLo:500 mg/kg	JPMSAE 54,1063,65

PHOSPHINE SULFIDE, MONOBROMODIFLUORO- see: XN2985000

PHOSPHINE SULFIDE, MONOCHLORODIFLUORO- see: XN2990000

SZ2975000 PHOSPHINE SULFIDE, TRIS(1-AZIRIDINYL)-

UPDT:8412 CAS: 52-24-4 MW: 189.24 MOLFM: C6-H12-N3-P-S

SYN: AZIRIDINE, 1,1',1''-PHOSPHINOTHIOYLIDYNETRIS- * GIROSTAN * NCI-C01649 * NSC-6396 * ONCOTEPA * 1,1',1''-PHOSPHINOTHIOYLIDYNETRISAZIRIDINE * PHOSPHOROTHIOIC TRIAMIDE, N,N',N''-TRIETHYLENE- * TESPA * TESPAMIN * TESPAMINE * THIOPHOSPHAMIDE * THIOPHOSPHORAMIDE, N,N',N''-TRIETHYLENE- * THIO-TEP * THIO-TEPA * THIOTRIETHYLENEPHOSPHORAMIDE * TIFOSYL * TRIAZIRIDINYLPHOSPHINE SULFIDE * N,N',N''-TRI-1,2-ETHANEDIYLPHOSPHOROTHIOIC TRIAMIDE * N,N',N''-TRI-1,2-ETHANEDIYLTHIOPHOSPHORAMIDE * TRI(ETHYLENEIMINO)THIOPHOSPHORAMIDE * N,N',N''-TRIETHYLENEPHOSPHOROTHIOIC TRIAMIDE * TRIETHYLENE THIOPHOSPHORAMIDE * N,N',N''-TRIETHYLENETHIOPHOSPHAMIDE * N,N',N''-TRIETHYLENETHIOPHOSPHORAMIDE * TRIETHYLENETHIOPHOSPHOROTRIAMIDE * TRIS(1-AZIRIDINYL)PHOSPHINE SULFIDE * TRIS(1-AZIRIDINYL)PHOSPHINE SULPHIDE * TRIS(ETHYLENIMINO)THIOPHOSPHATE * TSPA

IRRITATION DATA AND REFERENCES:

	skn-hmn 2 mg/3W	CTRRDO 63,619,79

MUTATION DATA AND REFERENCES:

	mmo-sat 1200 ug/plate	CNREA8 37,2209,77
	mma-sat 100 ng/plate	PCJOAU 16,721,82
	dns-sat 2 ug	ECEBDI 50,271,82
	mmo-esc 2600 umol/L	EVSRBT 24,917,81
	dnr-esc 600 umol/L	ZKKOBW 92,177,78
	sln-dmg-orl 12 mmol/L	EVSRBT 24,917,81
	mmo-asn 250 ug/plate	MUREAV 97,293,82
	dni-hmn:hla 5 mmol/L	MUREAV 92,427,82
	cyt-hmn:lym 52 umol/L	SOGEBZ 10,1580,74
	cyt-hmn:leu 10 mg/L	MUREAV 14,345,72
	cyt-hmn:emb 50 umol/L/12H	IANBAM (4),477,67
	sce-hmn:lym 1 mg/L	TGANAK 16(2),34,82
	dns-rat-ivn 400 ug/kg	MUREAV 68,275,79
	bfa-rat/sat 200 mg/kg	URLRA5 7,119,79
	dlt-rat-ipr 3 gm/kg/10W-I	MUREAV 68,85,79
	mnt-mus-ipr 20 mg/kg	RRENDU 15,119,77
	otr-mus:emb 500 ug/L	CNREA8 37,2202,77
	dnd-mus-unk 5 mg/kg	PACHAS 42,209,75
	dnd-mus:fbr 1 gm/L	BEXBAN 93,85,82
	dnd-mus:emb 1 gm/L	BEBMAE 93(1),68,82
	cyt-mus-ipr 5 mg/kg	28QFAD -,97,73
	cyt-mus-par 2500 ug/kg	IJEBA6 18,866,80
	cyt-mus-unk 5 mg/kg	SOGEBZ 11,49,75
	dlt-mus-ipr 2 mg/kg	MUREAV 125,71,84
	msc-mus/leu 7500 ug/kg	EVSRBT 24,353,81
	hma-mus/sat 12400 ug/kg/3H	MUREAV 45,291,77
	spm-mus-ipr 5 mg/kg/5D	PNASA6 72,4425,75
	trn-mus-ipr 5 mg/kg	SOGEBZ 10,51,74
	mnt-ham-ipr 2 mg/kg/24H	MUREAV 40,325,76
	cyt-ham:oth 12500 ng/L	GNKAA5 16(7),1307,80
	cyt-ham-unk 150 ug/kg	MUREAV 74,166,80
	cyt-ham:emb 1 mg/L	CNREA8 37,2202,77
	cyt-ham:lng 330 umol/L/2H	HEREAY 94,21,81
	cyt-ham:fbr 3800 ug/L	EVSRBT 24,917,81
	sce-ham-unk 150 ug/kg	MUREAV 74,166,80
	sce-ham:oth 400 ng/L	GNKAA5 16(12),2164,80
	sce-ham:oth 5 mg/L	CYGEDX 16(4),23,82
	msc-ham:fbr 10 mg/L/24H	MUREAV 40,325,76
	cyt-rbt-ivn 3 mg/kg	BEXBAN 94,1118,82
	cyt-rbt:lym 30 mg/L	BEXBAN 94,1118,82
	dni-rbt:kdy 15 mg/L	ECREAL 36,92,64

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T23	ipr-rat TDLo:2 mg/kg (5D male)	85GUAJ -,37,66
3T34T46T41	ipr-rat TDLo:5 mg/kg (12D preg)	PEDIAU 23,231,59
1T01	ipr-rat TDLo:7500 ug/kg (1D male)	HIKYAJ 12,1339,66
2T34T46	ipr-rat TDLo:2500 ug/kg (12D preg)	NAGZAC 41,332,66
2T23T26	itt-rat TDLo:8 mg/kg (1D male)	CCPTAY 22,175,80
1T01	ipr-mus TDLo:650 ug/kg (1D male)	CNREA8 42,122,82
1T46	ipr-mus TDLo:1 mg/kg (10D preg)	OFAJAE 44,203,68
2T24T01	ipr-mus TDLo:1250 ug/kg (1D male)	BEXBAN 88,1074,79
1T43	ipr-mus TDLo:5 mg/kg (10D preg)	OFAJAE 44,203,68
2T41T45	ipr-mus TDLo:7500 ug/kg (7D preg)	OFAJAE 44,203,68
1T01	ipr-ham TDLo:5 mg/kg (5D male)	JTEHD6 8,307,81
1T02	ipr-ham TDLo:1 mg/kg (5D male)	JTEHD6 8,307,81
2T23T26	itt-ham TDLo:16 mg/kg (1D male)	CCPTAY 22,175,80

TUMORIGENIC DATA AND REFERENCES:

2V01P61	par-man TDLo:33 mg/kg/3Y-I	CMAJAX 129,578,83
2V01P61	unk-wmn TDLo:17 mg/kg/56W-I	LANCAO 2,775,70
3V01D45R60	ipr-rat TDLo:218 mg/kg/1Y-I	NCITR* NCI-CG-TR-58,78
3V01K60P62	ivn-rat TDLo:52 mg/kg/1Y-I	ARZNAD 20,1461,70
2V03R60	skn-mus TDLo:10 gm/kg/17W-I	GANNA2 57,295,66
2V02J60	ipr-mus TDLo:19 mg/kg/8W-I	CNREA8 33,3069,73
2V02J60	ipr-mus TD :47 mg/kg/4W-I	CNREA8 33,3069,73
3V01P61P62	ipr-mus TD :360 mg/kg/1Y-I	NCITR* NCI-CG-TR-58,78
3V01D45R60	ipr-rat TD :218 mg/kg/1Y-I	NCITR* NCI-CG-TR-58,78

TOXICITY DATA AND REFERENCES:

2C10P26	par-man TDLo:631 ug/kg	CANCAR 38,1471,76
1P26	unk-man TDLo:200 ug/kg	CNCRA6 50,219,66
	ipr-rat LD50:8 mg/kg	CPCHAO 18,307,62
*	ivn-rat LD50:10500 ug/kg	NIIRDN 6,455,82
	unk-rat LD10:2700 ug/kg	CNCRA6 50,219,66
	orl-mus LD50:38 mg/kg	21ACAB -,129,68
*	ipr-mus LD50:17 mg/kg	NIIRDN 6,455,82
*	scu-mus LD50:19500 ug/kg	NIIRDN 6,455,82
*	ivn-mus LD50:14500 ug/kg	NIIRDN 6,455,82
	unk-mus LD10:5700 ug/kg	CNCRA6 50,219,66
	ivn-dog LDLo:760 ug/kg	CCSUBJ 2,203,65
	ivn-mky LDLo:2 mg/kg	CCSUBJ 2,203,65

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: 32XPAD -,49,75; ANPIAM 5,447,65; CRTXB2 2,159,73

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 9,85,75

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 9,85,75

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-58,78)

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SZ3500000 PHOSPHINE, TRIPHENYL-

UPDT:8404 CAS: 603-35-0 MW: 262.30 MOLFM: C18-H15-P

SYN: TRIPHENYLPHOSPHINE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:800 mg/kg	14CYAT 2,1918,63
3D17J22U01	ihl-rat LC50:1135 ppm/4H	AIHAM* -,-,69

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1177-0014;8EHQ-1177-0015 C;8EHQ-0278-0055

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SZ3776000 PHOSPHINE, TRIS(3-METHYLBUTYL)-

UPDT:8311 CAS: 45173-31-7 MW: 244.45 MOLFM: C15-H33-P

SYN: TRIISOPENTYLPHOSPHINE * TRIS(3-METHYLBUTYL)PHOSPHINE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2236 mg/kg	GISAAA 47(8),27,82
*	ihl-rat LC50:1109 gm/m3	GISAAA 47(8),27,82
*	orl-mus LD50:2600 mg/kg	GISAAA 47(8),27,82
*	ihl-mus LC50:988 gm/m3	GISAAA 47(8),27,82

SZ4025000 PHOSPHINIC ACID, ALLYL PHENYL-, O-BUTYL ESTER

UPDT:8408 CAS: 63886-50-0 MW: 238.29 MOLFM: C13-H19-O2-P

SYN: O-BUTYL ALLYLPHENYLPHOSPHINATE

TOXICITY DATA AND REFERENCES:

1F07	orl-mus LD50:760 mg/kg	AMIHAB 11,487,55

SZ4100000 PHOSPHINIC ACID, (1-AMINO-2-(p-NITROPHENYL)ETHYLIDENE)DI-, DIHYDRATE

UPDT:8306 CAS: 69408-65-7 MW: 362.20 MOLFM: C8-H12-N2-O8-P2 2H2-O

SYN: (1-AMINO-2-(p-NITROPHENYL)ETHYLIDENE)DIPHOSPHINIC ACID DIHYDRATE

TOXICITY DATA AND REFERENCES:

1V30	ipr-mus LD50:70 mg/kg	KHFZAN 12(11),35,78

SZ4103100 PHOSPHINIC ACID, (m-AMINOPHENYL)PHENYL-

UPDT:8308 MW: 233.22 MOLFM: C12-H12-N-O2-P

SYN: (m-AMINOPHENYL)PHENYLPHOSPHINIC ACID

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:1000 mg/kg	ANTCAO 3,256,53

SZ4103300 PHOSPHINIC ACID, (p-AMINOPHENYL)PHENYL-
UPDT:8308 MW: 233.22 MOLFM: C12-H12-N-O2-P
SYN: (p-AMINOPHENYL)PHENYLPHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ4210100 PHOSPHINIC ACID, BIS(m-AMINOPHENYL)-
UPDT:8308 CAS: 25806-71-7 MW: 248.24 MOLFM: C12-H13-N2-O2-P
SYN: BIS(m-AMINOPHENYL)PHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ4210300 PHOSPHINIC ACID, BIS(p-AMINOPHENYL)-
UPDT:8308 MW: 248.24 MOLFM: C12-H13-N2-O2-P
SYN: BIS(p-AMINOPHENYL)PHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ4366100 PHOSPHINIC ACID, BIS(m-BROMOPHENYL)-
UPDT:8308 MW: 376.00 MOLFM: C12-H9-Br2-O2-P
SYN: BIS(m-BROMOPHENYL)PHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ4366200 PHOSPHINIC ACID, BIS(o-BROMOPHENYL)-
UPDT:8308 MW: 376.00 MOLFM: C12-H9-Br2-O2-P
SYN: BIS(o-BROMOPHENYL)PHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ4366300 PHOSPHINIC ACID, BIS(p-BROMOPHENYL)-
UPDT:8308 MW: 376.00 MOLFM: C12-H9-Br2-O2-P
SYN: BIS(p-BROMOPHENYL)PHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ4368100 PHOSPHINIC ACID, BIS(m-CHLOROPHENYL)-
UPDT:8308 MW: 287.08 MOLFM: C12-H9-Cl2-O2-P
SYN: BIS(m-CHLOROPHENYL)PHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ4368200 PHOSPHINIC ACID, BIS(o-CHLOROPHENYL)-
UPDT:8308 MW: 287.08 MOLFM: C12-H9-Cl2-O2-P
SYN: BIS(o-CHLOROPHENYL)PHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ4368300 PHOSPHINIC ACID, BIS(p-CHLOROPHENYL)-
UPDT:8308 CAS: 13119-01-2 MW: 287.08 MOLFM: C12-H9-Cl2-O2-P
SYN: BIS(p-CHLOROPHENYL)PHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ4370000 PHOSPHINIC ACID, BIS(2,5-DICHLOROPHENYL)-
UPDT:8308 MW: 355.96 MOLFM: C12-H7-Cl4-O2-P
SYN: BIS(2,5-DICHLOROPHENYL)PHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ4380000 PHOSPHINIC ACID, BIS(m-HYDROXYPHENYL)-
UPDT:8308 MW: 250.20 MOLFM: C12-H11-O4-P
SYN: BIS(m-HYDROXYPHENYL)PHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ4390000 PHOSPHINIC ACID, BIS(o-METHOXYPHENYL)-
UPDT:8308 MW: 278.26 MOLFM: C14-H15-O4-P
SYN: BIS(o-METHOXYPHENYL)PHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ4395000 PHOSPHINIC ACID, BIS(o-METHYLAMINOPHENYL)-
UPDT:8308 MW: 276.30 MOLFM: C14-H17-N2-O2-P
SYN: BIS(o-METHYLAMINOPHENYL)PHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ4400100 PHOSPHINIC ACID, BIS(m-NITROPHENYL)-
UPDT:8308 CAS: 18593-20-9 MW: 308.20 MOLFM: C12-H9-N2-O6-P
SYN: BIS(m-NITROPHENYL)PHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ4400300 PHOSPHINIC ACID, BIS(p-NITROPHENYL)-
UPDT:8308 MW: 308.20 MOLFM: C12-H9-N2-O6-P
SYN: BIS(p-NITROPHENYL)PHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ4425000 PHOSPHINIC ACID, (alpha-(p-BROMOANILINO)BENZYL)-, SODIUM SALT, compd. with p-BROMOANILINE
UPDT:8405 MW: 521.18 MOLFM: C13-H13-Br-N-O2-P.Na.C6-H6-Br-N
SYN: (alpha-(p-BROMOANILINO)BENZYL)PHOSPHINIC ACID SODIUM SALT compd. with p-BROMOANILINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1600 mg/kg PCJOAU 16,593,82
* ivn-mus LD50:134 mg/kg PCJOAU 16,593,82

SZ4425100 PHOSPHINIC ACID, (m-BROMO-alpha-(p-BROMOANILINO)BENZYL)-, SODIUM SALT, compd. with p-BROMOANILINE
UPDT:8405 MW: 600.08 MOLFM: C13-H12-Br2-N-O2-P.Na.C6-H6-Br-N
SYN: SODIUM (m-BROMO-alpha-(p-BROMOANILINO)BENZYL)PHOSPHINATE compd. with p-BROMOANILINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg PCJOAU 16,593,82
* ivn-mus LD50:125 mg/kg PCJOAU 16,593,82

SZ4425200 PHOSPHINIC ACID, (p-BROMO-alpha-(p-BROMOANILINO)BENZYL)-, SODIUM SALT, compd. with p-BROMOANILINE
UPDT:8405 MW: 600.08 MOLFM: C13-H12-Br2-N-O2-P.Na.C6-H6-Br-N
SYN: (p-BROMO-alpha-(p-BROMOANILINO)BENZYL)PHOSPHINIC ACID SODIUM SALT compd. with p-BROMOANILINE * SODIUM (o-BROMO-alpha-(p-BROMOANILINO)BENZYL)PHOSPHINATE compd. with p-BROMOANILINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg PCJOAU 16,593,82
* ivn-mus LD50:125 mg/kg PCJOAU 16,593,82

SZ4450000 PHOSPHINIC ACID, (m-BROMOPHENYL)(m-METHYLAMINOPHENYL)-
UPDT:8308 MW: 326.15 MOLFM: C13-H13-Br-N-O2-P
SYN: (m-BROMOPHENYL)(m-METHYLAMINOPHENYL)PHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ4460000 PHOSPHINIC ACID, (o-BROMOPHENYL)PHENYL-
UPDT:8308 MW: 297.10 MOLFM: C12-H10-Br-O2-P
SYN: (o-BROMOPHENYL)PHENYLPHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ4550000 PHOSPHINIC ACID, BUTYL PHENYL-, O-ALLYL ESTER
UPDT:8407 CAS: 63886-52-2 MW: 238.29 MOLFM: C13-H19-O2-P
SYN: O-ALLYL BUTYLPHENYLPHOSPHINATE * O-ALLYL(P-BUTYL-P-PHENYL)PHOSPHINATE
TOXICITY DATA AND REFERENCES:
1F07 orl-mus LD50:1060 mg/kg AMIHAB 11,487,55

SZ4577000 PHOSPHINIC ACID, (m-CHLOROPHENYL)PHENYL-
UPDT:8308 CAS: 5435-76-7 MW: 252.64 MOLFM: C12-H10-Cl-O2-P
SYN: (m-CHLOROPHENYL)PHENYLPHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ4579000 PHOSPHINIC ACID, (alpha-(2,6-DIBROMOANILINO)-3,5-DIHYDROXYBENZYL)-, SODIUM SALT, compd. with 2,6-DIBROMOANILINE
UPDT:8405 MW: 724.99 MOLFM: C13-H12-Br2-N-O4-P.Na.C6-H5-2Br-N
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:180 mg/kg RPTOAN 45,213,82
* ivn-mus LD50:1000 mg/kg RPTOAN 45,213,82

SZ4579500 PHOSPHINIC ACID, (3,5-DIBROMO-alpha-(2,6-DIBROMO-4-NITROANILINO)-2-HYDROXYBENZYL)-, SODIUM SALT, compd. with 2,6-DIBROMO-4-NITROANILINE
UPDT:8405 MW: 942.78 MOLFM: C13-H9-Br4-N2-O5-P.Na.C6-H4-Br2-N2-O2
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg PCJOAU 16,593,82
* ivn-mus LD50:180 mg/kg PCJOAU 16,593,82

SZ5315000 PHOSPHINIC ACID, DIPHENYL-
UPDT:8308 CAS: 1707-03-5 MW: 218.20 MOLFM: C12-H11-O2-P
SYN: DIPHENYLPHOSPHINIC ACID * HYDROXYDIPHENYLPHOSPHINE OXIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ5365000 PHOSPHINIC ACID, DIPROPYL-, ISOPROPYL ESTER
UPDT:8307 CAS: 23887-13-0 MW: 192.27 MOLFM: C9-H21-O2-P
SYN: DIPROPYLPHOSPHINIC ACID ISOPROPYL ESTER * ISOPROPYL ESTER of DIPROPYLPHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
1Y01 ipr-mus LD50:530 mg/kg PCJOAU 3,508,69

SZ5385000 PHOSPHINIC ACID, METHYLPHENYL-, 4-NITROPHENYL ESTER
UPDT:8402 MW: 277.23 MOLFM: C13-H12-N-O4-P
SYN: 4-NITROPHENYL METHYLPHENYLPHOSPHINATE
TOXICITY DATA AND REFERENCES:
3F07F11R21 orl-rat LD50:12500 ug/kg NTIS** AD-A121-876
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SZ5390100 PHOSPHINIC ACID, (m-NITROPHENYL)PHENYL-
UPDT:8308 MW: 263.20 MOLFM: C12-H10-N-O4-P
SYN: (m-NITROPHENYL)PHENYLPHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ5390200 PHOSPHINIC ACID, (p-NITROPHENYL)PHENYL-
UPDT:8308 CAS: 5435-78-9 MW: 263.20 MOLFM: C12-H10-N-O4-P
SYN: (p-NITROPHENYL)PHENYLPHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ5425000 PHOSPHINIC ACID, OCTYL-, BUTYL ESTER
UPDT:8407 CAS: 63886-54-4 MW: 234.36 MOLFM: C12-H27-O2-P
SYN: O-BUTYL OCTYLHYDROGENPHOSPHINATE * BUTYL OCTYLPHOSPHINATE
TOXICITY DATA AND REFERENCES:
1F07 orl-mus LD50:2120 mg/kg AMIHAB 11,487,55

SZ5690000 PHOSPHINIC ACID, TETRADECYL-
UPDT:8407 CAS: 2753-41-5 MW: 262.42 MOLFM: C14-H31-O2-P
SYN: TETRADECYL PHOSPHINIC ACID
TOXICITY DATA AND REFERENCES:
1F07 orl-mus LD50:4700 mg/kg AMIHAB 11,487,55

PHOSPHINIC ACID, compd. with 2-(4-THIAZOLYL)-1H-BENZIMIDAZOLE (1:1) see: DE0900000

SZ5785000 PHOSPHINIC AMIDE, P,P-BIS(1-AZIRIDINYL)-
UPDT:8402 CAS: 6784-51-6 MW: 147.14 MOLFM: C4-H10-N3-O-P
SYN: BIS(1-AZIRIDINYL)ANILINO-PHOSPHINE OXIDE * PHOSPHINE OXIDE, BIS(1-AZIRIDINYL)ANILINO-
TOXICITY DATA AND REFERENCES:
* orl-qal LD50:100 mg/kg JRPFA4 48,371,76

SZ5790000 PHOSPHINIC AMIDE, P,P-BIS(1-AZIRIDINYL)-N-(1-ADAMANTYL)-
UPDT:8401 CAS: 53743-43-4 MW: 281.38 MOLFM: C14-H24-N3-O-P
SYN: P,P-BIS(1-AZIRIDINYL)-N-(1-ADAMANTYL)-PHOSPHINIC AMIDE * PHOSPHINIC AMIDE, P,P-BIS(1-AZIRIDINYL)-N-TRICYCLO(3.3.1.1(sup 3,7))DEC-1-YL-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T23T26 orl-mus TDLo:50 mg/kg (5D male) JMCMAR 21,143,78
2T23T26 ipr-mus TDLo:50 mg/kg (5D male) JMCMAR 21,143,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SZ5820600 PHOSPHINIC AMIDE, P,P-BIS(1-AZIRIDINYL)-N-(5-(p-BUTOXYBENZYL)-2,6-DIMETHYL-4-PYRIMIDINYL)-
UPDT:8402 CAS: 28461-85-0 MW: 415.53 MOLFM: C21-H30-N5-O2-P
SYN: 2,4-DIMETHYL-5-(4-BUTOXYBENZYL)PYRIMID-6-YLAMINOPHOSPHORIC ACID DIETHYLENIMIDE * PREPARATION 142
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:360 mg/kg BZARAZ 30(3),46,77

SZ5821000 PHOSPHINIC AMIDE, P,P-BIS(1-AZIRIDINYL)-N-BUTYL-
UPDT:8311 MW: 203.26 MOLFM: C8-H18-N3-O-P
SYN: P,P-BIS(1-AZIRIDINYL)-N-BUTYLAMINOPHOSPHINE OXIDE * P,P-BIS(1-AZIRIDINYL)-N-BUTYLPHOSPHINIC AMIDE
MUTATION DATA AND REFERENCES:
pic-esc 230 umol/L HEREAY 68,245,71
mmo-ssp 70 mmol/L HEREAY 68,245,71

PHOSPHINIC AMIDE, P,P-BIS(1-AZIRIDINYL)-2,5-DIIODOBENZOYL- see: CV2352000

SZ5825000 PHOSPHINIC AMIDE, P,P-BIS(1-AZIRIDINYL)-N,N-DIMETHYL-
UPDT:8312 CAS: 1195-69-3 MW: 175.20 MOLFM: C6-H14-N3-O-P
SYN: P,P-BIS(1-AZIRIDINYL)-N,N-DIMETHYLAMINOPHOSPHINE OXIDE * P,P-BIS(1-AZIRIDINYL)-N,N-DIMETHYLPHOSPHINIC AMIDE * DIMETHYLAMIDE DIETHYLENEIMIDE PHOSPHORIC ACID * DIMETHYLAMINO-BIS(1-AZIRIDINYL)PHOSPHINE OXIDE * ENT-50990
MUTATION DATA AND REFERENCES:
pic-esc 230 umol/L HEREAY 68,245,71
sln-dmg-par 500 pmol/L IMSUAI 38,442,69
mmo-ssp 70 mmol/L HEREAY 68,245,71
cyt-oin-par 24 mmol/L CNJGA8 11,648,69
sce-nmn:lym 2 mg/L TGANAK 16(2),34,82
cyt-ham:lng 33 umol/L HEREAY 68,255,71
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

SZ5827000 PHOSPHINIC AMIDE, P,P-BIS(1-AZIRIDINYL)-N-(2-(DIMETHYLAMINO)-7-METHYL-7H-PURIN-6-YL)-
UPDT:8311 CAS: 42061-52-9 MW: 322.36 MOLFM: C12-H19-N8-O-P
SYN: 2-DIMETHYLAMINO-6-DIETHYLENIMIDOPHOSPHAMIDO-7-METHYLPURINE * FOPURIN * FOPURINE * PHOPURINE
MUTATION DATA AND REFERENCES:
mma-sat 100 ng/plate PCJOAU 16,721,82
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:280 mg/kg PCJOAU 14,363,80

SZ5828000 PHOSPHINIC AMIDE, P,P-BIS(1-AZIRIDINYL)-N-ETHYL-
UPDT:8311 MW: 175.20 MOLFM: C6-H14-N3-O-P
SYN: P,P-BIS(1-AZIRIDINYL)-N-ETHYLAMINOPHOSPHINE OXIDE * P,P-BIS(1-AZIRIDINYL)-N-ETHYLPHOSPHINIC AMIDE
MUTATION DATA AND REFERENCES:
pic-esc 230 umol/L HEREAY 68,245,71
mmo-ssp 70 mmol/L HEREAY 68,245,71

SZ5828400 PHOSPHINIC AMIDE, P,P-BIS(1-AZIRIDINYL)-N-(5-(p-ISOPROPOXYBENZYL)-2,6-DIMETHYL-4- PYRIMIDINYL)-
UPDT:8402 CAS: 28536-30-3 MW: 401.50 MOLFM: C20-H28-N5-O2-P
SYN: 2,4-DIMETHYL-5-(4-ISOPROPOXYBENZYL)PYRIMID-6-YLAMINOPHOSPHORIC ACID DIETHYLENIMIDE * PREPARATION 141
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg BZARAZ 30(3),46,77

SZ5828500 PHOSPHINIC AMIDE, P,P-BIS(1-AZIRIDINYL)-N-ISOPROPYL-
UPDT:8311 MW: 189.23 MOLFM: C7-H16-N3-O-P
SYN: P,P-BIS(1-AZIRIDINYL)-N-ISOPROPYLAMINOPHOSPHINE OXIDE * P,P-BIS(1-AZIRIDINYL)-N-ISOPROPYLPHOSPHINIC AMIDE
MUTATION DATA AND REFERENCES:
pic-esc 230 umol/L HEREAY 68,245,71

SZ5832000 PHOSPHINIC AMIDE, P,P-BIS(1-AZIRIDINYL)-N-PROPYL-
UPDT:8311 MW: 189.23 MOLFM: C7-H16-N3-O-P
SYN: P,P-BIS(1-AZIRIDINYL)-N-PROPYLAMINOPHOSPHINE OXIDE * P,P-BIS(1-AZIRIDINYL)-N-PROPYLPHOSPHINIC AMIDE
MUTATION DATA AND REFERENCES:
pic-esc 230 umol/L HEREAY 68,245,71
mmo-ssp 70 mmol/L HEREAY 68,245,71

SZ5835000 PHOSPHINIC AMIDE, P,P-BIS(1-AZIRIDINYL)-N-2-PYRIMIDYL-
UPDT:8402 CAS: 882-58-6 MW: 225.22 MOLFM: C8-H12-N5-O-P
SYN: DI(ETHYLENIMIDE)PIRIMIDYL-2-AMIDO-PHOSPHOROUS ACID * PHOSPHACIN * PHOSPHAZINE (the pharmaceutical) * PHOSPHEMIDE * PHOSPHIMID
MUTATION DATA AND REFERENCES:
cyt-hmn:lym 132 umol/L BIZNAT 95,437,76
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:125 mg/kg BZARAZ 30(3),46,77

PHOSPHINIC AMIDE, P,P-BIS(1-AZIRIDINYL)-N-TRICYCLO(3.3.1.1(sup 3,7))DEC-1-YL- see: SZ5790000

SZ5850000 PHOSPHINIC AMIDE, P,P-DIBUTYL-N,N-DIISOPROPYL-
UPDT:8407 CAS: 3736-67-2 MW: 261.44 MOLFM: C14-H32-N-O-P
SYN: P,P-DIBUTYL-N,N-DIISOPROPYLPHOSPHINIC AMIDE
TOXICITY DATA AND REFERENCES:
1F07 orl-mus LD50:2180 mg/kg AMIHAB 11,487,55

SZ5982000 PHOSPHINOTHIOIC ACID, DIMETHYL-, O-(3-METHYL-4-(METHYLTHIO)PHENYL) ESTER
UPDT:8308 MW: 246.34 MOLFM: C10-H15-O-P-S2
SYN: BAYER 34098 * ENT 25,609 * O-(3-METHYL-4-(METHYLTHIO)PHENYL) DIMETHYLPHOSPHINOTHIOATE
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:100 mg/kg ARSIM* 20,4,66

SZ5990100 PHOSPHINOTHIOIC AMIDE, P,P-BIS(1-AZIRIDINYL)-
UPDT:8412 CAS: 14465-96-4 MW: 163.20 MOLFM: C4-H10-N3-P-S
SYN: AI3-61969 * BIS(1-AZIRIDINYL)AMINOPHOSPINE SULFIDE * P,P-BIS(1-AZIRIDINYL)PHOSPHINOTHIOIC AMIDE * DIETHYLENEIMINE-AMIDOTHIOPHOSPHORIC ACID * DIMATIF * ENT 61969 * PHOSPHINE SULFIDE, BIS(1-AZIRIDINYL)AMINO-
MUTATION DATA AND REFERENCES:
sce-hmn:lym 2 mg/L TGANAK 16(2),34,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T34T59 orl-rat TDLo:50 mg/kg (6-15D preg) GISAAA 48(5),75,83
2T24T26 orl-rat TDLo:10 mg/kg (1-20D preg) GISAAA 48(5),75,83
TOXICITY DATA AND REFERENCES:
1J22 orl-rat LD50:66 mg/kg GISAAA 48(5),75,83
* orl-qal LD50:100 mg/kg JRPFA4 48,371,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SZ5990300 PHOSPHINOTHIOIC AMIDE, P,P-BIS(1-AZIRIDINYL)-N,N-DIMETHYL-
UPDT:8402 CAS: 3750-43-4 MW: 191.26 MOLFM: C6-H14-N3-P-S
SYN: P,P-BIS(1-AZIRIDINYL)-N,N-DIMETHYLPHOSPHINOTHIOIC AMIDE * RK 3
TOXICITY DATA AND REFERENCES:
* orl-qal LD50:75 mg/kg JRPFA4 48,371,76

SZ5991500 PHOSPHINOTHIOIC CHLORIDE, DIMETHYL-
UPDT:8312 MW: 128.56 MOLFM: C2-H6-Cl-P-S
SYN: CHLORODIMETHYLPHOSPHINE SULFIDE * DIMETHYLPHOSPHINOTHIOIC CHLORIDE * DIMETHYLPHOSPHINOTHIOYL CHLORIDE * DIMETHYLTHIOPHOSPHORYL CHLORIDE * DIMETHYL THIOPHOSPHORYL CHLORIDE (DOT) * UN 2267 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83

1,1',1''-PHOSPHINOTHIOYLIDYNETRISAZIRIDINE see: SZ2975000
1,1',1''-PHOSPHINYLIDYNETRISAZIRIDINE see: SZ1750000
1,1',1''-PHOSPHINYLIDYNETRIS(2-METHYL)AZRIDINE see: SZ1925000

SZ6100100 3-PHOSPHOLENE, 1-(BENZYLOXY)-3-METHYL-, 1-OXIDE
UPDT:8412 CAS: 2921-67-7 MW: 222.24 MOLFM: C12-H15-O2-P
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg DANKAS 160,826,65

SZ6100200 3-PHOSPHOLENE, 1-BUTOXY-3-METHYL-, 1-OXIDE
UPDT:8412 CAS: 3858-19-3 MW: 188.23 MOLFM: C9-H17-O2-P
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:545 mg/kg DANKAS 160,826,65

SZ6100300 3-PHOSPHOLENE, 1-(CYCLOHEXYLOXY)-3-METHYL-, 1-OXIDE
UPDT:8412 CAS: 3858-23-9 MW: 214.27 MOLFM: C11-H19-O2-P
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:417 mg/kg DANKAS 160,826,65

SZ6100400 3-PHOSPHOLENE, 3,4-DIMETHYL-1-HYDROXY-, 1-OXIDE
UPDT:8412 CAS: 695-67-0 MW: 144.12 MOLFM: C6-H9-O2-P
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:430 mg/kg DANKAS 160,826,65

SZ6100800 3-PHOSPHOLENE, 1-ETHOXY-3-METHYL-, 1-OXIDE
UPDT:8412 CAS: 18874-17-4 MW: 160.17 MOLFM: C7-H13-O2-P
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2290 mg/kg DANKAS 160,826,65

SZ6102500 2-PHOSPHOLENE, 1-HYDROXY-3-METHYL-, 1-OXIDE
UPDT:8412 CAS: 3858-24-0 MW: 132.11 MOLFM: C5-H9-O2-P
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg DANKAS 160,826,65

SZ6102600 2-PHOSPHOLENE, 1-HYDROXY-3-METHYL-, 1-OXIDE, SODIUM SALT
UPDT:8412 MW: 154.09 MOLFM: C5-H8-O2-P Na
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:7 gm/kg DANKAS 160,826,65

SZ6103800 3-PHOSPHOLENE, 1-METHOXY-3-METHYL-, 1-OXIDE
UPDT:8412 CAS: 695-59-0 MW: 146.14 MOLFM: C6-H11-O2-P
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3250 mg/kg DANKAS 160,826,65

PHOSPHOLINE see: BR6955000

SZ6115300 PHOSPHOLIPASE A2, from NAJA NAJA ATRA VENOM
UPDT:8306
SYN: NAJA NAJA ATRA PLA 2
TOXICITY DATA AND REFERENCES:
2Y21Y38 par-rat LD50:475 ug/kg TOXIA6 19,645,81
2Y21Y38 ivn-mus LD50:6400 ug/kg TOXIA6 19,645,81

SZ6116000 PHOSPHOLIPASE C
UPDT:8312 CAS: 9001-86-9
SYN: E.C. 3.1.4.3 * LECITHINASE C * LIPOPHOSPHODIESTERASE * PHOSPHOTIDASE C * PLC
TOXICITY DATA AND REFERENCES:
* ivn-rbt LD50:450 ug/kg SJCLAY 42,239,82

PHOSPHOMOLYBDENIC ACID, SODIUM SALT see: WD6600000
PHOSPHOMYCIN see: SZ7890000
PHOSPHON see: TA2975000
PHOSPHONACETYL-L-ASPARTIC ACID see: CI9469000

SZ6223000 PHOSPHONAMIDIC ACID, N,P-DIPHENYL-, ETHYL ESTER
UPDT:8405 MW: 261.28 MOLFM: C14-H16-N-O2-P
SYN: BENZENE ETHYL ANILIDOPHOSPHONATE * N,P-DIPHENYL-PHOSPHONAMIDIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
3F13F23K30 ipr-mus LDLo:2000 mg/kg JAPMA8 42,495,53

PHOSPHON D see: TA2975000
PHOSPHONE D see: TA2975000

SZ6475500 PHOSPHONIC ACID
UPDT:8401 CAS: 13598-36-2 MW: 82.00 MOLFM: H3-O3-P
SYN: ORTHOPHOSPHORUS ACID * PHOSPHOROUS ACID * o-PHOSPHOROUS ACID (DOT) * PHOSPHORUS TRIHYDROXIDE * TRIHYDROXYPHOSPHINE * UN 2834 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SZ6476000 PHOSPHONIC ACID, (4-ACETAMIDO-3-NITROPHENYL)-
UPDT:8308 MW: 260.16 MOLFM: C8-H9-N2-O6-P
SYN: (4-ACETAMIDO-3-NITROPHENYL)PHOSPHONIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ6476500 PHOSPHONIC ACID, (p-ACETAMIDOPHENYL)-
UPDT:8308 MW: 215.16 MOLFM: C8-H10-N-O4-P
SYN: (p-ACETAMIDOPHENYL)PHOSPHONIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

PHOSPHONIC ACID, (1-(ACETYLOXY)-2,2-DICHLOROETHENYL)-, DIMETHYL ESTER see: SZ7640000

SZ6500000 PHOSPHONIC ACID, (1-AMINO-2-CARBAMOYLETHYLIDENE)DI-, DIHYDRATE
UPDT:8306 CAS: 63583-19-7 MW: 284.13 MOLFM: C3-H10-N2-O7-P2 .2H2-O
SYN: (1-AMINO-2-CARBAMOYLETHYLIDENE)DIPHOSPHONIC ACID DIHYDRATE * PHOSPHONIC ACID, (1,3-DIAMINO-3-OXOPROPYLIDENE)BIS-, DIHYDRATE
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:300 mg/kg KHFZAN 12(11),35,78

SZ6510000 PHOSPHONIC ACID, (1-AMINO-3-(DIETHOXYPHOSPHINYL)PROPYLIDENE)BIS-, HYDRATE
UPDT:8306 CAS: 69549-53-7 MW: 373.21 MOLFM: C7-H20-N-O9-P3 .H2-O
SYN: (1-AMINO-3-(DIETHOXYPHOSPHINYL)PROPYLIDENE)BISPHOSPHONIC ACID HYDRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg KHFZAN 12(11),35,78

SZ6520000 PHOSPHONIC ACID, (p-(2-AMINOETHOXY)PHENYL)-
UPDT:8308 MW: 217.18 MOLFM: C8-H12-N-O4-P
SYN: (p-(2-AMINOETHOXY)PHENYL)PHOSPHONIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ6530000 PHOSPHONIC ACID, (6-AMINO-5-NITRO-4-PYRIMIDINYL)-, DIMETHYL ESTER
UPDT:8412 CAS: 72900-79-9 MW: 248.16 MOLFM: C6-H9-N4-O5-P
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:380 mg/kg FAVUAI 13,18,81

SZ6561100 PHOSPHONIC ACID, (m-AMINOPHENYL)-
UPDT:8401 CAS: 5427-30-5 MW: 173.12 MOLFM: C6-H8-N-O3-P
SYN: m-AMINOBENZENEPHOSPHONIC ACID * 3-AMINOBENZENEPHOSPHONIC ACID * (m-AMINOPHENYL)PHOSPHONIC ACID * (3-AMINOPHENYL)PHOSPHONIC ACID * PHOSPHONIC ACID, (3-AMINOPHENYL)- (9CI) * 3-PHOSPHONOANILINE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SZ6561200 PHOSPHONIC ACID, (o-AMINOPHENYL)-
UPDT:8308 CAS: 7472-16-4 MW: 173.12 MOLFM: C6-H8-N-O3-P
SYN: 2-AMINOBENZENEPHOSPHONIC ACID * (o-AMINOPHENYL)PHOSPHONIC ACID * PHOSPHONIC ACID, (2-AMINOPHENYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ6561300 PHOSPHONIC ACID, (p-AMINOPHENYL)-
UPDT:8308 CAS: 5337-17-7 MW: 173.12 MOLFM: C6-H8-N-O3-P
SYN: (p-AMINOPHENYL)PHOSPHONIC ACID * (4-AMINOPHENYL)PHOSPHONIC ACID * PHOSPHANILIC ACID * PHOSPHONIC ACID, (4-AMINOPHENYL)- (9CI) * p-PHOSPHONOANILINE * 4-PHOSPHONOANILINE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:9000 mg/kg ANTCAO 3,256,53

PHOSPHONIC ACID, (2-AMINOPHENYL)- (9CI) see: SZ6561200
PHOSPHONIC ACID, (3-AMINOPHENYL)- (9CI) see: SZ6561100
PHOSPHONIC ACID, (4-AMINOPHENYL)- (9CI) see: SZ6561300

SZ6576000 PHOSPHONIC ACID, (p-(2-BENZOTHIAZOLYL)BENZYL)-, DIETHYL ESTER
UPDT:8302 MW: 361.42 MOLFM: C18-H20-N-O3-P-S
SYN: (p-(2-BENZOTHIAZOLYL)BENZYL)PHOSPHONIC ACID DIETHYL ESTER * DIETHYL 4-(BENZOTHIAZOL-2-YL)BENZYLPHOSPHONATE * KB-944
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T12 orl-rat TDLo:3 gm/kg (30D pre) ARZNAD 32,1071,82
TOXICITY DATA AND REFERENCES:
3F19J22U01 orl-rat LD50:1555 mg/kg ARZNAD 32,1068,82
3F19J22U01 ipr-rat LD50:479 mg/kg ARZNAD 32,1068,82
3F19J22U01 scu-rat LD50:2216 mg/kg ARZNAD 32,1068,82
3F19J25U01 orl-mus LD50:2807 mg/kg ARZNAD 32,1068,82
3F19J25U01 ipr-mus LD50:777 mg/kg ARZNAD 32,1068,82
3F07J22J24 ivn-dog LD50:76 mg/kg ARZNAD 32,1068,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHONIC ACID, BIS(1-METHYLETHYL) ESTER see: SZ7660000

SZ6870100 PHOSPHONIC ACID, (m-BROMOPHENYL)-
UPDT:8308 MW: 237.00 MOLFM: C6-H6-Br-O3-P
SYN: (m-BROMOPHENYL)PHOSPHONIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ6870200 PHOSPHONIC ACID, (o-BROMOPHENYL)-
UPDT:8308 MW: 237.00 MOLFM: C6-H6-Br-O3-P
SYN: (o-BROMOPHENYL)PHOSPHONIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ6870300 PHOSPHONIC ACID, (p-BROMOPHENYL)-

UPDT:8308 CAS: 16839-13-7 MW: 237.00 MOLFM: C6-H6-Br-O3-P

SYN: p-BROMOBENZENEPHOSPHONIC ACID * (p-BROMOPHENYL)PHOSPHONIC ACID * PHOSPHONIC ACID, (4-BROMOPHENYL)- (9CI)

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:1000 mg/kg	ANTCAO 3,256,53

PHOSPHONIC ACID, (4-BROMOPHENYL)- (9CI) see: SZ6870300

SZ6915000 PHOSPHONIC ACID, (m-BUTYLAMINOPHENYL)-

UPDT:8308 MW: 229.24 MOLFM: C10-H16-N-O3-P

SYN: (m-BUTYLAMINOPHENYL)PHOSPHONIC ACID

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:1000 mg/kg	ANTCAO 3,256,53

PHOSPHONIC ACID, (7-CHLOROBICYCLO(3.2.0)HEPTA-3,6-DIEN-6-YLOXY)-, DIMETHYL ESTER see: TB8545000

SZ7100000 PHOSPHONIC ACID, (2-CHLOROETHYL)-

UPDT:8408 CAS: 16672-87-0 MW: 144.50 MOLFM: C2-H6-Cl-O3-P

SYN: AMCHEM 68-250 * BROMOFLOR * CAMPOSAN * CEP * CEPHA * 2-CEPA * CEPHA 10LS * 2-CHLORAETHYL-PHOSPHONSAEURE (German) * CHLORETHEPHON * 2-CHLOROETHANEPHOSPHONIC ACID * 2-CHLOROETHYLPHOSPHONIC ACID * ETHEFON * ETHEL * ETHEPHON * ETHEVERSE * ETHREL * FLORDIMEX * FLOREL * G 996 * KAMPOSAN * ROLL-FRUCT * TOMATHREL

TOXICITY DATA AND REFERENCES:

1Y21	orl-rat LD50:3400 mg/kg	ZKMAAX 20,274,80
	orl-mus LD50:2850 mg/kg	PHARAT 32,181,77
3F07F23J30	orl-rbt LD50:5000 mg/kg	GISAAA 48(8),79,83
	skn-rbt LD50:5730 mg/kg	85DPAN -,-,71/76
3F07F23J30	orl-gpg LD50:4200 mg/kg	GISAAA 48(8),79,83
	unk-mam LD50:4200 mg/kg	30ZDA9 -,384,71

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

SZ7110000 PHOSPHONIC ACID, (2-CHLOROETHYL)-, DIETHYL ESTER

UPDT:8408 CAS: 10419-79-1 MW: 200.62 MOLFM: C6-H14-Cl-O3-P

SYN: (2-CHLOROETHYL)PHOSPHONIC ACID DIETHYL ESTER

TOXICITY DATA AND REFERENCES:

3F07F18J30	orl-rat LD50:1 gm/kg	GISAAA 48(8),79,83
3F07F23J30	orl-rbt LD50:2 gm/kg	GISAAA 48(8),79,83
3F07F23J30	orl-gpg LD50:1450 mg/kg	GISAAA 48(8),79,83

SZ7115000 PHOSPHONIC ACID, (2-CHLOROETHYL)-, MONOETHYL ESTER

UPDT:8408 CAS: 23510-39-6 MW: 172.56 MOLFM: C4-H10-Cl-O3-P

SYN: (2-CHLOROETHYL)PHOSPHONIC ACID MONOETHYL ESTER

TOXICITY DATA AND REFERENCES:

3F07F18J30	orl-rat LD50:1250 mg/kg	GISAAA 48(8),79,83
3F07F23J30	orl-rbt LD50:2 gm/kg	GISAAA 48(8),79,83
3F07F23J30	orl-gpg LD50:1800 mg/kg	GISAAA 48(8),79,83

SZ7135000 PHOSPHONIC ACID, (2-CHLORO-4-NITROPHENYL)-

UPDT:8308 MW: 237.54 MOLFM: C6-H5-Cl-N-O5-P

SYN: (2-CHLORO-4-NITROPHENYL)PHOSPHONIC ACID

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:1000 mg/kg	ANTCAO 3,256,53

SZ7136000 PHOSPHONIC ACID, (2-CHLORO-5-NITRO-4-PYRIMIDINYL)-, DIMETHYL ESTER

UPDT:8412 CAS: 72900-86-8 MW: 267.58 MOLFM: C6-H7-Cl-N3-O5-P

TOXICITY DATA AND REFERENCES:

*	ims-mus LD50:240 mg/kg	FAVUAI 13,18,81

SZ7175000 PHOSPHONIC ACID, (m-CHLOROPHENYL)-

UPDT:8308 CAS: 5431-34-5 MW: 192.54 MOLFM: C6-H6-Cl-O3-P

SYN: (m-CHLOROPHENYL)PHOSPHONIC ACID

TOXICITY DATA AND REFERENCES:

	ipr-mus LDLo:500 mg/kg	CBCCT* 7,789,55
*	scu-mus LD50:1000 mg/kg	ANTCAO 3,256,53

SZ7175100 PHOSPHONIC ACID, (o-CHLOROPHENYL)-

UPDT:8308 CAS: 5431-19-6 MW: 192.54 MOLFM: C6-H6-Cl-O3-P

SYN: (o-CHLOROPHENYL)PHOSPHONIC ACID * 2-CHLOROPHENYLPHOSPHONIC ACID * PHOSPHONIC ACID, (2-CHLOROPHENYL)- (9CI)

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:1000 mg/kg	ANTCAO 3,256,53

SZ7350000 PHOSPHONIC ACID, (p-CHLOROPHENYL)-

UPDT:8308 CAS: 5431-35-6 MW: 192.54 MOLFM: C6-H6-Cl-O3-P

SYN: (p-CHLOROPHENYL)PHOSPHONIC ACID

TOXICITY DATA AND REFERENCES:

	ipr-mus LDLo:500 mg/kg	CBCCT* 7,789,55
*	scu-mus LD50:1000 mg/kg	ANTCAO 3,256,53

PHOSPHONIC ACID, (2-CHLOROPHENYL)- (9CI) see: SZ7175100

PHOSPHONIC ACID, (1,3-DIAMINO-3-OXOPROPYLIDENE)BIS-, DIHYDRATE see: SZ6500000

SZ7563000 PHOSPHONIC ACID, (1,3-DIAMINOPROPANE-1,1,3,3-TETRAYL)TETRA-, compd. with ADIPIC ACID

UPDT:8306 MW: 540.23 MOLFM: C3-H14-N2-O12-P4 .C6-H10-O4

SYN: ADIPIC ACID compd. with (1,3-DIAMINOPROPANE-1,1,3,3-TETRAYL)TETRAPHOSPHONIC ACID * (1,3-DIAMINOPROPANE-1,1,3,3-TETRAYL)TETRAPHOSPHONIC ACID compd. with ADIPIC ACID

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:300 mg/kg	KHFZAN 12(11),35,78

SZ7563050 PHOSPHONIC ACID, (1,3-DIAMINOPROPANE-1,1,3,3-TETRAYL)TETRA-, compd. with GLUTARIC ACID

UPDT:8306 MW: 526.20 MOLFM: C3-H14-N2-O12-P4 .C5-H8-O4

SYN: (1,3-DIAMINOPROPANE-1,1,3,3-TETRAYL)TETRAPHOSPHONIC ACID compd. with GLUTARIC ACID * GLUTARIC ACID compd. with (1,3-DIAMINOPROPANE-1,1,3,3-TETRAYL)TETRAPHOSPHONIC ACID

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:300 mg/kg	KHFZAN 12(11),35,78

SZ7563100 PHOSPHONIC ACID, (1,3-DIAMINOPROPANE-1,1,3,3-TETRAYL)TETRA-, compd. with MALONIC ACID

UPDT:8306 MW: 498.14 MOLFM: C3-H14-N2-O12-P4 .C3-H4-O4

SYN: (1,3-DIAMINOPROPANE-1,1,3,3-TETRAYL)TETRAPHOSPHONIC ACID compd. with MALONIC ACID * MALONIC ACID compd. with (1,3-DIAMINOPROPANE-1,1,3,3-TETRAYL)TETRAPHOSPHONIC ACID

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:300 mg/kg	KHFZAN 12(11),35,78

SZ7563150 PHOSPHONIC ACID, (1,3-DIAMINOPROPANE-1,1,3,3-TETRAYL)TETRA-, compd. with SUCCINIC ACID

UPDT:8306 MW: 512.17 MOLFM: C3-H14-N2-O12-P4 .C4-H6-O4

SYN: (1,3-DIAMINOPROPANE-1,1,3,3-TETRAYL)TETRAPHOSPHONIC ACID compd. with SUCCINIC ACID * SUCCINIC ACID compd. with (1,3-DIAMINOPROPANE-1,1,3,3-TETRAYL)TETRAPHOSPHONIC ACID

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:300 mg/kg	KHFZAN 12(11),35,78

SZ7640000 PHOSPHONIC ACID, (2,2-DICHLORO-1-HYDROXYVINYL)-, DIMETHYL ESTER, ACETATE

UPDT:8309 CAS: 3566-76-5 MW: 263.02 MOLFM: C6-H9-Cl2-O5-P

SYN: DIMETHYL (1-(ACETYLOXY)-2,2-DICHLOROETHENYL)PHOSPHONATE * ENT 25,601 * NORDDEUTSCHE 215 * PHOSPHONIC ACID, (1-(ACETYLOXY)-2,2-DICHLOROETHENYL)-, DIMETHYL ESTER * SUBSTANZ 215 (German)

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:300 mg/kg	ARSIM* 20,24,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SZ7655000 PHOSPHONIC ACID, (1-(DIFLUOROMETHYL)-2,2-DIFLUORO-1-HYDROXYETHYL)-, DIMETHYL ESTER

UPDT:8401 MW: 240.11 MOLFM: C5-H9-F4-O4-P

SYN: DIMETHYL (1-(DIFLUOROMETHYL)-2,2-DIFLUORO-1-HYDROXYETHYL)PHOSPHONATE * ENT 24,830 * GENERAL CHEMICALS 3561

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:9 mg/kg	ARSIM* 20,11,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SZ7660000 PHOSPHONIC ACID, DIISOPROPYL ESTER

UPDT:8407 CAS: 1809-20-7 MW: 166.18 MOLFM: C6-H15-O3-P

SYN: DIISOPROPYL HYDROGEN PHOSPHITE * DIISOPROPYL PHOSPHITE * DIISOPROPYLPHOSPHONATE * O,O-DIISOPROPYL PHOSPHONATE * ISOPROPYL PHOSPHONATE * PHOSPHONIC ACID, BIS(1-METHYLETHYL) ESTER

MUTATION DATA AND REFERENCES:

	mmo-sat 5 uL/plate	MUREAV 28,405,75

TOXICITY DATA AND REFERENCES:

1F07	orl-mus LD50:2920 mg/kg	AMIHAB 11,487,55

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SZ7710000 PHOSPHONIC ACID, DIMETHYL ESTER

UPDT:8412 CAS: 868-85-9 MW: 110.06 MOLFM: C2-H7-O3-P

SYN: DIMETHYLESTER KYSELINY FOSFORITE (Czech) * DIMETHYLHYDROGENPHOSPHITE * NCI-C54773

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	28ZPAK -,215,72
	eye-rbt 20 mg/24H SEV	28ZPAK -,215,72

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:4250 mg/kg	28ZPAK -,215,72

STATUS:

NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1080-0366

SZ7890000 PHOSPHONIC ACID, (1,2-EPOXYPROPYL)-, (1R,2S)-(-)-

UPDT:8309 CAS: 23155-02-4 MW: 138.07 MOLFM: C3-H7-O4-P

SYN: 883A * ANTIBIOTIC 833A * FOSFOCINA * FOSFOMYCIN * FOSFONOMYCIN * MK-955 * PHOSPHOMYCIN * PHOSPHONIC ACID, (3-METHYLOXIRANYL)-, (2R-cis)- (9CI) * PHOSPHONOMYCIN

MUTATION DATA AND REFERENCES:

	pic-esc 10 ug/plate	CNREA8 43,2819,83
	mmo-omi 10 gm/L	MILEDM 8,27,78

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:4000 mg/kg	85GDA2 6,426,81

SZ7895000 PHOSPHONIC ACID, (1,2-EPOXYPROPYL)-, CALCIUM SALT (1:1), (1R,2S)-(-)-

UPDT:8406 CAS: 26016-98-8 MW: 178.15 MOLFM: C3-H7-O4-P .Ca

SYN: CALCIUM FOSFOMYCIN * CALCIUM PHOSPHONOMYCIN * FOSFOMYCIN CALCIUM * FOSFOMYCIN CALCIUM SALT * PHOSPHONIC ACID, (3-METHYLOXIRANYL)-, CALCIUM SALT (1:1), (2R-cis)- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	orl-rat TDLo:11 gm/kg (9W male/2W pre/1-7D preg)	JJANAX 33,613,80
1T46	orl-rat TDLo:57 gm/kg (9W male/2W pre/1-7D preg)	JJANAX 33,613,80
1T21	orl-rat TDLo:113 gm/kg (9W male/2W pre/1-7D preg)	JJANAX 33,613,80

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:1036 mg/kg	NIIRDN 6,785,82
2K17K30	ipr-mus LD50:19600 ug/kg	AACHAX -,310,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SZ7900000 PHOSPHONIC ACID, 2,3-EPOXYPROPYL-, DIETHYL ESTER

UPDT:8401 CAS: 7316-37-2 MW: 194.19 MOLFM: C7-H15-O4-P

SYN: DIETHYL-beta,gamma-EPOXYPROPYLPHOSPHONATE

TUMORIGENIC DATA AND REFERENCES:

3V03J60V10	ipr-mus TDLo:13 gm/kg/64W-I	JNCIAM 53,695,74
2V02V10	scu-mus TDLo:13 gm/kg/63W-I	JNCIAM 53,695,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SZ7902000 PHOSPHONIC ACID, (1,2-EPOXYPROPYL)-, DISODIUM SALT (1R,2S) (-)-

UPDT:8406 CAS: 26016-99-9 MW: 184.05 MOLFM: C3-H7-O4-P .2Na

SYN: DISODIUM FOSFOMYCIN * DISODIUM PHOSPHONOMYCIN * (1R,2S)(-)-(1,2-EPOXYPROPYL)PHOSPHONIC ACID DISODM SALT * FOM-Na * FOSFOMYCIN DISODIUM * FOSFOMYCIN DISODIUM SALT * FOSFOMYCIN SODIUM * FOSFOMYCIN SODIUM SALT * (2R-cis)-(3-METHYLOXIRANYL)PHOSPHONIC ACID DISODIUM SALT * PHOSPHONIC ACID, (3-METHYLOXIRANYL)-, DISODIUM SALT, (2R-cis)- (9CI) * PHOSPHONOMYCIN DISODIUM SALT * PHOSPHONOMYCIN SODIUM * SODIUM FOSFOMYCIN

MUTATION DATA AND REFERENCES:

	mmo-klp 20 umol/L	MUREAV 89,269,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T72	ipr-rat TDLo:22500 mg/kg (14-22D preg/21D post)	JJANAX 32,171,79
1T46	ipr-rat TDLo:11 gm/kg (63D male/14D pre-7D preg)	JJANAX 32,164,79
3T25T34T35	ipr-rat TDLo:1375 mg/kg (7-17D preg)	JJANAX 32,155,79
2T81T86	ipr-rat TDLo:1375 mg/kg (7-17D preg)	JJANAX 32,155,79
1T34	ivn-rbt TDLo:10400 mg/kg (6-18D preg)	JJANAX 32,155,79

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:4550 mg/kg	JJANAX 32,61,79
	ipr-rat LD50:2000 mg/kg	JJANAX 32,61,79
	scu-rat LD50:4320 mg/kg	JJANAX 32,61,79
	ivn-rat LD50:1560 mg/kg	JJANAX 32,61,79
	ims-rat LD50:2460 mg/kg	JJANAX 32,61,79
	orl-mus LD50:7300 mg/kg	JJANAX 32,61,79
*	ipr-mus LD50:80300 ug/kg	AACHAX -,310,69
*	scu-mus LD50:80300 ug/kg	AACHAX -,310,69
	ivn-mus LD50:1225 mg/kg	JJANAX 32,61,79
	ims-mus LD50:2625 mg/kg	JJANAX 32,61,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SZ7907000 PHOSPHONIC ACID, (m-ETHYLAMINOPHENYL)-

UPDT:8308 MW: 201.18 MOLFM: C8-H12-N-O3-P

SYN: (m-ETHYLAMINOPHENYL)PHOSPHONIC ACID

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:1000 mg/kg	ANTCAO 3,256,53

SZ8020000 PHOSPHONIC ACID, ETHYL-, ETHYL p-NITROPHENYL ESTER

UPDT:8302 CAS: 546-71-4 MW: 259.22 MOLFM: C10-H14-N-O5-P

SYN: ARMINE * ETHOXY-4-NITROPHENYLOXYETHYL-PHOSPHINEOXIDE * ETHYL-4-NITROPHENYL ETHYLPHOSPHONATE * ETHYLPHOSPHONIC ACID ETHYL p-NITROPHENYL ESTER

TOXICITY DATA AND REFERENCES:

2J04J30	scu-rat LD50:330 ug/kg	FATOAO 42(3),299,79
2J04J30	ivn-rat LD50:250 ug/kg	FATOAO 42(3),299,79
1C08	ipr-mus LD50:1862 ug/kg	PHARAT 35,806,80

scu-mus LD50:330 ug/kg RPTOAN 42,106,79
ivn-mus LD50:250 ug/kg RPTOAN 42,106,79
1Y01 unk-mus LD50:460 ug/kg PCJOAU 3,508,69

SZ8560000 PHOSPHONIC ACID, HEXAMETHYLENEDI-, TETRABUTYL ESTER
UPDT:8407 CAS: 63904-89-2 MW: 470.64 MOLFM: C22-H48-O6-P2
SYN: TETRABUTYL HEXAMETHYLENEPHOSPHONATE
TOXICITY DATA AND REFERENCES:
1F07 orl-mus LD50:2250 mg/kg AMIHAB 11,487,55

SZ8561000 PHOSPHONIC ACID, HEXYL-, DIETHYL ESTER
UPDT:8308 CAS: 16165-66-5 MW: 222.30 MOLFM: C10-H23-O3-P
SYN: DIETHYL HEXYLPHOSPHONATE * HEXYLPHOSPHONIC ACID DIETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#06642

SZ8561300 PHOSPHONIC ACID, (m-HYDRAZINOPHENYL)-
UPDT:8308 MW: 188.14 MOLFM: C6-H9-N2-O3-P
SYN: (m-HYDRAZINOPHENYL)PHOSPHONIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ8561350 PHOSPHONIC ACID, (p-HYDRAZINOPHENYL)-
UPDT:8308 MW: 188.14 MOLFM: C6-H9-N2-O3-P
SYN: (p-HYDRAZINOPHENYL)PHOSPHONIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ8561750 PHOSPHONIC ACID, 1-HYDROXY-1,1-ETHANEDIYL ESTER
UPDT:8406 MW: 206.04 MOLFM: C2-H8-O7-P2
SYN: EHDP * ETHANE-1-HYDROXY-1,1-DIPHOSPHONATE * 1,1,1-ETHANETRIOL DIPHOSPHONATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 scu-mus TDLo:200 mg/kg (13D preg) TJADAB 26(1),16A,82
2T34T46 scu-mus TDLo:1400 mg/kg (11-17D preg) SEIJBO 22,47,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SZ8562200 PHOSPHONIC ACID, (1-HYDROXYETHYLIDENE)DI-, COPPER DIAMMONIUM COMPLEX
UPDT:8406 MW: 305.68 MOLFM: C2-H8-O7-P2 .Cu-H8-N2
SYN: OXYETHYLIDENEDIPHOSPHONIC ACID, COPPER DIAMMONIUM COMPLEX
TOXICITY DATA AND REFERENCES:
2H06P01 orl-rat LD50:2000 mg/kg GISAAA 46(3),72,81
2H06P01 orl-mus LD50:2700 mg/kg GISAAA 46(3),72,81

SZ8562300 PHOSPHONIC ACID, (2-HYDROXYETHYLIDENE)DI-, ZINC COMPLEX
UPDT:8406
SYN: 1-OXYETHYLIDENEDIPHOSPHONIC ACID, ZINC COMPLEX
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:9 gm/kg GISAAA 48(2),88,83
* orl-mus LD50:11500 mg/kg GISAAA 48(2),88,83

SZ8562400 PHOSPHONIC ACID, (p-(2-(HYDROXYETHYL)NITROSAMINO)PHENYL)-
UPDT:8406 MW: 246.18 MOLFM: C8-H11-N2-O5-P
SYN: (p-(2-(HYDROXYETHYL)NITROSAMINO)PHENYL)PHOSPHONIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ8562500 PHOSPHONIC ACID, (alpha-HYDROXY-p-METHOXYBENZYL)-, DIETHYL ESTER, ESTER with BIS(2-CHLORO PROPYL) ANTIMONATE (III)
UPDT:8406 CAS: 74038-45-2 MW: 582.10 MOLFM: C18-H30-Cl2-O7-P-Sb
SYN: (alpha-(DIETHOXYPHOSPHINYL)-p-METHOXYBENZYL)BIS(2-CHLOROPROPYL)ANTIMONITE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#01812
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**

SZ8563000 PHOSPHONIC ACID, (2-((HYDROXYMETHYL)CARBAMOYL)ETHYL)-, DIMETHYL ESTER
UPDT:8412 CAS: 20120-33-6 MW: 211.18 MOLFM: C6-H14-N-O5-P
MUTATION DATA AND REFERENCES:
cyt-ham:lng 1 gm/L ARTODN (Suppl 4),41,80

SZ8566100 PHOSPHONIC ACID, (m-HYDROXYPHENYL)-
UPDT:8308 CAS: 33733-31-2 MW: 174.10 MOLFM: C6-H7-O4-P
SYN: 3-HYDROXYBENZENEPHOSPHONIC ACID * (m-HYDROXYPHENYL)PHOSPHONIC ACID * PHOSPHONIC ACID, (3-HYDROXYPHENYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ8566300 PHOSPHONIC ACID, (p-HYDROXYPHENYL)-
UPDT:8308 CAS: 33795-18-5 MW: 174.10 MOLFM: C6-H7-O4-P
SYN: 4-HYDROXYBENZENEPHOSPHONIC ACID * (p-HYDROXYPHENYL)PHOSPHONIC ACID * 4-HYDROXYPHENYLPHOSPHONIC ACID * PHOSPHONIC ACID, (4-HYDROXYPHENYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

PHOSPHONIC ACID, (3-HYDROXYPHENYL)- (9CI) see: SZ8566100
PHOSPHONIC ACID, (4-HYDROXYPHENYL)- (9CI) see: SZ8566300
PHOSPHONIC ACID, (1-HYDROXY-2,2,2-TRICHLOROETHYL)-, DIMETHYL ESTER see: TA0700000

SZ9055000 PHOSPHONIC ACID, (1-METHOXY-2,2-DICHLOROVINYL)-, 0,0-DIMETHYL ESTER
UPDT:8412 MW: 235.01 MOLFM: C5-H9-Cl2-O4-P
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate CBINA8 43,361,83
mma-sat 1 umol/plate CBINA8 43,361,83

SZ9061000 PHOSPHONIC ACID, (1-METHOXY-2,2,2-TRICHLOROETHYL)-, 0,0-DIMETHYL
UPDT:8412 MW: 271.47 MOLFM: C5-H10-Cl3-O4-P
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate CBINA8 43,361,83
mma-sat 1 umol/plate CBINA8 43,361,83

SZ9063100 PHOSPHONIC ACID, (m-METHYLAMINOPHENYL)-
UPDT:8308 MW: 187.15 MOLFM: C7-H10-N-O3-P
SYN: (m-METHYLAMINOPHENYL)PHOSPHONIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

SZ9063300 PHOSPHONIC ACID, (p-METHYLAMINOPHENYL)-
UPDT:8308 MW: 187.15 MOLFM: C7-H10-N-O3-P
SYN: (p-METHYLAMINOPHENYL)PHOSPHONIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

PHOSPHONIC ACID, METHYL-, BIS(1-METHYLETHYL) ESTER see: SZ9090000

SZ9090000 PHOSPHONIC ACID, METHYL-, DIISOPROPYL ESTER
UPDT:8403 CAS: 1445-75-6 MW: 180.21 MOLFM: C7-H17-O3-P
SYN: DIISOPROPYL METHANEPHOSPHONATE * DIISOPROPYL METHYLPHOSPHONATE * DIMP * PHOSPHONIC ACID, METHYL-, BIS(1-METHYLETHYL) ESTER
TOXICITY DATA AND REFERENCES:
* orl-dck LD50:1490 mg/kg NTIS** AD-A087-257
* orl-ctl LD50:750 mg/kg NTIS** AD-A093-673
* orl-mam LD50:503 mg/kg NTIS** AD-A087-257
* orl-brd LD50:1000 mg/kg NTIS** AD-A087-257
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SZ9120000 PHOSPHONIC ACID, METHYL-, DIMETHYL ESTER
UPDT:8412 CAS: 756-79-6 MW: 124.09 MOLFM: C3-H9-O3-P
SYN: DIMETHYL METHYLPHOSPHONATE * DMMP * NCI-C54762
MUTATION DATA AND REFERENCES:
cyt-ham:ovr 250 mg/L NTIS** AD-A124785
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T23 orl-rat TDLo:63 gm/kg (63D male) TXAPA9 72,379,84
2T02T03 orl-rat TDLo:126 gm/kg (63D male) TXAPA9 72,379,84
1T25 orl-rat TDLo:15750 mg/kg (63D male) TXAPA9 72,379,84
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SZ9204000 PHOSPHONIC ACID, METHYL-, ISOPROPYL ESTER, SODIUM SALT
UPDT:8303 MW: 160.10 MOLFM: C4-H10-O3-P .Na
SYN: ISOPROPYL METHYL PHOSPHONIC ACID SODIUM SALT * METHYLPHOSPHONIC ACID ISOPROPYL ESTER SODIUM SALT
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6070 mg/kg NTIS** AD-A107-574
* orl-mus LD50:5620 mg/kg NTIS** AD-A107-574

SZ9430100 PHOSPHONIC ACID, (m-NITROPHENYL)-
UPDT:8401 CAS: 5337-19-9 MW: 203.10 MOLFM: C6-H6-N-O5-P
SYN: m-NITROBENZENEPHOSPHONIC ACID * (m-NITROPHENYL)PHOSPHONIC ACID * 3-NITROPHENYLPHOSPHONIC ACID * PHOSPHONIC ACID, (3-NITROPHENYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SZ9430300 PHOSPHONIC ACID, (p-NITROPHENYL)-
UPDT:8308 CAS: 2175-86-2 MW: 203.10 MOLFM: C6-H6-N-O5-P
SYN: (p-NITROPHENYL)PHOSPHONIC ACID * PHOSPHONIC ACID, (4-NITROPHENYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

PHOSPHONIC ACID, (3-METHYLOXIRANYL)-, (2R-cis)- (9CI) see: SZ7890000
PHOSPHONIC ACID, (3-METHYLOXIRANYL)-, CALCIUM SALT (1:1), (2R-cis)- (9CI) see: SZ7895000
PHOSPHONIC ACID, (3-METHYLOXIRANYL)-, DISODIUM SALT, (2R-cis)- (9CI) see: SZ7902000
PHOSPHONIC ACID, (4-METHYLPHENYL)- (9CI) see: TA0470000

SZ9640000 PHOSPHONIC ACID, MONOETHYL ESTER, ALUMINUM SALT (3:1)
UPDT:8309 MW: 354.13 MOLFM: C6-H18-O9-P3 .Al
SYN: ALIETTE * ALUMINUM TRIS(O-ETHYL PHOSPHONATE) * EFOSITE-AL * EPAL * FOSETYL AL * LS 74783 * PHOSETHYL * PHOSETHYL AL * 32545 RP
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5400 mg/kg FMCHA2 -,C10,83
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 DTLVS* 4,13,80

SZ9660000 PHOSPHONIC ACID, MORPHOLINO-, DIMETHYL ESTER
UPDT:8412 CAS: 597-25-1 MW: 195.18 MOLFM: C6-H14-N-O4-P
SYN: DIMETHYLMORPHOLINOPHOSPHONATE * DIMETHYL MORPHOLINOPHOSPHORAMIDATE * DMMPA * NCI-C54740 * PHOSPHONIC ACID, 4-MORPHOLINYL-, DIMETHYL ESTER (9CI)
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984

PHOSPHONIC ACID, 4-MORPHOLINYL-, DIMETHYL ESTER (9CI) see: SZ9660000
PHOSPHONIC ACID, (3-NITROPHENYL)- (9CI) see: SZ9430100
PHOSPHONIC ACID, (4-NITROPHENYL)- (9CI) see: SZ9430300

SZ9890000 PHOSPHONIC ACID, (5-NITRO-2,4-PYRIMIDINEDIYL)BIS-, TETRAMETHYL ESTER
UPDT:8412 MW: 341.18 MOLFM: C8-H13-N3-O8-P2
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:80 mg/kg FAVUAI 13,18,81

SZ9895000 PHOSPHONIC ACID, (5-NITRO-4,6-PYRIMIDINEDIYL)BIS-, TETRAMETHYL ESTER
UPDT:8412 CAS: 72900-83-5 MW: 341.18 MOLFM: C8-H13-N3-O8-P2
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:160 mg/kg FAVUAI 13,18,81

TA0375000 PHOSPHONIC ACID, PHENYL-, DIBUTYL ESTER
UPDT:8407 CAS: 1024-34-6 MW: 270.34 MOLFM: C14-H23-O3-P
SYN: DIBUTYL PHENYLPHOSPHONATE
TOXICITY DATA AND REFERENCES:
1F07 orl-mus LD50:1980 mg/kg AMIHAB 11,487,55

TA0400000 PHOSPHONIC ACID, PHENYL-, PROPYL (2-PROPYNYL) ESTER
UPDT:8403 CAS: 18705-22-1 MW: 238.24 MOLFM: C12-H15-O3-P
SYN: FMC-16388 * NIA 16,388 * PROPYL-2-PROPYNYLPHENYLPHOSPHONATE * O-n-PROPYL O-(2-PROPYNYL) PHENYLPHOSPHONATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:362 mg/kg 28ZEAL 4,332,69
skn-rbt LD50:2650 ug/kg 28ZEAL 4,332,69
1E08 orl-ckn LD50:341 mg/kg JTEHD6 10,907,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA0421000 PHOSPHONIC ACID, (p-PROPYLAMINOPHENYL)-
UPDT:8308 MW: 215.21 MOLFM: C9-H14-N-O3-P
SYN: (p-PROPYLAMINOPHENYL)PHOSPHONIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

TA0440000 PHOSPHONIC ACID, PROPYL-, MONOETHYL ESTER
UPDT:8309 CAS: 21921-96-0 MW: 152.15 MOLFM: C5-H13-O3-P
SYN: ETHYL HYDROGEN 1-PROPYLPHOSPHONATE * NIA 10637
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:2300 mg/kg GUCHAZ 6,268,73
* orl-mam LD50:2300 mg/kg FMCHA2 -,C168,83

TA0459600 PHOSPHONIC ACID, p-SULFAMOYLPHENYL-
UPDT:8308 MW: 237.18 MOLFM: C6-H8-N-O5-P-S
SYN: p-SULFAMOYLPHENYLPHOSPHONIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

TA0460000 PHOSPHONIC ACID, TETRADECYL-
UPDT:8407 CAS: 4671-75-4 MW: 278.42 MOLFM: C14-H31-O3-P
SYN: TETRADECYL PHOSPHONIC ACID
TOXICITY DATA AND REFERENCES:
1F07 orl-mus LD50:2100 mg/kg AMIHAB 11,487,55
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TA0470000 PHOSPHONIC ACID, (p-TOLYL)-
UPDT:8308 CAS: 3366-72-1 MW: 172.13 MOLFM: C7-H9-O3-P
SYN: p-METHYLPHENYLPHOSPHONIC ACID * 4-METHYLPHENYLPHOSPHONIC ACID * PHOSPHONIC ACID, (4-METHYLPHENYL)- (9CI) * (p-TOLYL)PHOSPHONIC ACID
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1000 mg/kg ANTCAO 3,256,53

---

* TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

TA0700000 PHOSPHONIC ACID, (2,2,2-TRICHLORO-1-HYDROXYETHYL)-, DIMETHYL ESTER

UPDT:8412 CAS: 52-68-6 MW: 257.44 MOLFM: C4-H8-Cl3-O4-P

SYN: AEROL 1 (PESTICIDE) * AEROL 1 * AGROFOROTOX * ANTHON * BAY 15922 * BAYER 15922 * BAYER L 13/59 * BILARCIL * BOVINOX * BRITTEN * BRITON * CEKUFON * CHLORFOS * CHLORAK * CHLOROFOS * CHLOROFTALM * CHLOROPHOS * CHLOROPHTHALM * CHLOROXYPHOS * CICLOSOM * CLOROFOS (Russian) * CHLOROPHOSE * COMBOT * COMBOT EQUINE * DANEX * DEP * DEP (PESTICIDE) * DEPTHON * DETF * DIMETHOXY-2,2,2-TRICHLORO-1-HYDROXY-ETHYL-PHOSPHINE OXIDE * O,O-DIMETHYL-(1-HYDROXY-2,2,2-TRICHLORAETHYL)PHOSPHONSAEURE ESTER (German) * O,O-DIMETHYL-(1-HYDROXY-2,2,2-TRICHLORATHYL)-PHOSPHAT (German) * O,O-DIMETHYL-(1-HYDROXY-2,2,2-TRICHLORO)ETHYL PHOSPHATE * DIMETHYL 1-HYDROXY-2,2,2-TRICHLOROETHYL PHOSPHONATE * O,O-DIMETHYL (1-HYDROXY-2,2,2-TRICHLOROETHYL)PHOSPHONATE * O,O-DIMETHYL-1-OXY-2,2,2-TRICHLOROETHYL PHOSPHONATE * O,O-DIMETHYL-(2,2,2-TRICHLOOR-1-HYDROXY-ETHYL) FOSFONAAT (Dutch) * O,O-DIMETHYL-(2,2,2-TRICHLOR-1-HYDROXY-AETHYL)PHOSPHONAT (German) * DIMETHYLTRICHLOROHYDROXYETHYL PHOSPHONATE * DIMETHYL 2,2,2-TRICHLORO-1-HYDROXYETHYLPHOSPHONATE * O,O-DIMETHYL-2,2,2-TRICHLORO-1-HYDROXYETHYL PHOSPHONATE * O,O-DIMETIL-(2,2,2-TRICLORO-1-IDROSSI-ETIL)-FOSFONATO (Italian) * DIMETOX * DIPTERAX * DIPTEREX * DIPTEREX 50 * DIPTEVUR * DITRIFON * DYLOX * DYLOX-METASYSTOX-R * DYREX * DYVON * ENT 19,763 * EQUINO-ACID * EQUINO-AID * FLIBOL E * FLIEGENTELLER * FOROTOX * FOSCHLOR * FOSCHLOREM (Polish) * FOSCHLOR R-50 * 1-HYDROXY-2,2,2-TRICHLORO-ETHYLE PHOSPHONATE DE DIMETHYLE (French) * 1-HYDROXY-2,2,2-TRICHLOROETHYLPHOSPHONIC ACID DIMETHYL ESTER * HYPODERMACID * LEIVASOM * LOISOL * MASOTEN * MAZOTEN * METHYL CHLOROPHOS * METIFONATE * METRIFONATE * METRIPHONATE * NA 2783 (DOT) * NCI-C54831 * NEGUVON * NEGUVON A * PHOSCHLOR * PHOSCHLOR R50 * PHOSPHONIC ACID, (1-HYDROXY-2,2,2-TRICHLOROETHYL)-, DIMETHYL ESTER * POLFOSCHLOR * PROXOL * RICIFON * RITSIFON * SATOX 20WSC * SOLDEP * SOTIPOX * TRICHLOORFON (Dutch) * TRICHLORFON * TRICHLORFON (DOT) * TRICHLOROFON * ((2,2,2-TRICHLORO-1-HYDROXYETHYL) DIMETHYLPHOSPHONATE) * 2,2,2-TRICHLORO-1-HYDROXYETHYL-PHOSPHONATE, DIMETHYL ESTER * (2,2,2-TRICHLORO-1-HYDROXYETHYL)PHOSPHONIC ACID DIMETHYL ESTER * TRICHLOROPHON * TRICHLORPHENE * TRICHLORPHON * TRICHLORPHON FN * TRINEX * TUGON * TUGON FLY BAIT * TUGON STABLE SPRAY * VERMICIDE BAYER 2349 * VOLFARTOL * VOTEXIT * WEC 50 * WOTEXIT

IRRITATION DATA AND REFERENCES:

	eye-rbt 120 mg/6D-I MLD	BUMMAB 9,7,55

MUTATION DATA AND REFERENCES:

	mmo-sat 3400 nmol/plate	JPETAB 200,1,77
	mma-sat 3400 nmol/plate	JPETAB 200,1,77
	mmo-esc 5 uL/plate	MUREAV 28,405,75
	mma-esc 1 mg/plate	NTIS** PB80-133226
	mmo-omi 4 mg/plate	CBINA8 22,297,78
	dnr-omi 10 mg/plate	BIZNAT 95,463,76
	dnd-omi 10 umol/L	CBINA8 39,339,82
	mma-smc 5000 ppm	NTIS** PB80-133226
	mrc-smc 5000 ppm	NTIS** PB80-133226
	mmo-ssp 20 mmol/L	MUREAV 117,139,83
	mma-ssp 20 mmol/L	MUREAV 117,139,83
	dns-hmn:fbr 100 mg/L	NTIS** PB80-133226
	sce-hmn:lym 20 mg/L	MUREAV 88,307,81
	cyt-mus-orl 100 mg/kg	SOGEBZ 11,1534,75
	dnd-mus-ipr 160 mg/kg	PCBPBS 6,101,76
	bfa-mus/sat 200 mg/kg	CNREA8 38,4478,78
	cyt-mus-orl 8500 ug/kg	GISAAA 45(1),80,80
	cyt-mus-ipr 405 mg/kg	WMHMAP 31(2),57,82
	dlt-mus-ipr 405 mg/kg	ARTODN 33,163,75
	msc-mus:lym 80 mg/L	NTIS** PB84-138973
	hma-mus/sat 50 mg/kg	JPETAB 200,1,77
	cyt-ham:lng 81 mg/L	GMCRDC 27,95,81
	sce-ham:lng 20 mg/L	MUREAV 88,307,81
	sce-ham:ovr 2 gm/L	NTIS** PB84-138973

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T83	orl-rat TDLo:78400 ug/kg (16-22D preg)	NUPOBT 17,135,79
3T24T25T26	orl-rat TDLo:80 mg/kg (13D preg)	EVHPAZ 13,121,76
2T35T55	orl-rat TDLo:80 mg/kg (9D preg)	EVHPAZ 13,121,76
3T41T43T46	orl-rat TDLo:1450 mg/kg (6-15D preg)	EVHPAZ 13,133,76
1T34	orl-rat TDLo:750 mg/kg (6-15D preg)	EVHPAZ 13,133,76
1T81	orl-rat TDLo:2200 ug/kg (1-22D preg)	GISAAA 38(8),21,73
1T34	orl-mus TDLo:1500 mg/kg (10-14D preg)	EVHPAZ 30,105,79
1T43	orl-mus TDLo:1800 mg/kg (12-14D preg)	EVHPAZ 30,105,79
1T46	unk-mus TDLo:4200 mg/kg (1-21D preg)	TJADAB 21,35A,80
3T43T46T55	orl-ham TDLo:2 gm/kg (7-11D preg)	EVHPAZ 30,105,79
1T26	orl-ham TDLo:2 gm/kg (7-11D preg)	EVHPAZ 30,105,79
1T34	orl-ham TDLo:1500 mg/kg (7-11D preg)	EVHPAZ 30,105,79
1T35	orl-ham TDLo:400 mg/kg (8D preg)	EVHPAZ 30,105,79

TUMORIGENIC DATA AND REFERENCES:

3V01L60P60	orl-rat TDLo:186 mg/kg/6W-I	ARGEAR 41,311,73
3VC1L60P60	ims-rat TDLo:183 mg/kg/6W-I	ARGEAR 41,311,73

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:150 mg/kg	FMCHA2 -,C242,83
	ihl-rat LC50:1300 ug/m3	ARGEAR 48,112,78
	skn-rat LD50:2000 mg/kg	ARGEAR 48,112,78
	ipr-rat LD50:190 mg/kg	PSEBAA 114,509,63
	scu-rat LD50:400 mg/kg	JEENAI 50,356,57
	ims-rat LD50:395 mg/kg	ARTODN 41,3,78
*	unk-rat LD50:550 mg/kg	GTPZAB 26(6),21,82
	orl-mus LD50:300 mg/kg	SPEADM 74-1,-,74
	ipr-mus LD50:500 mg/kg	PAREAQ 11,636,59
*	scu-mus LD50:267 mg/kg	ARZNAD 31,555,81
	ivn-mus LD50:290 mg/kg	ARTODN 41,3,78
1Y01	unk-mus LD50:445 mg/kg	PCJOAU 3,508,69
	orl-dog LD50:400 mg/kg	ARTODN 41,3,78
	ivn-dog LD50:150 mg/kg	ARTODN 41,3,78
*	orl-rbt LD50:160 mg/kg	ARZNAD 31,555,81
	skn-rbt LD50:5000 mg/kg	SPEADM 74-1,-,74
	ivn-rbt LD50:60 mg/kg	AJOPAA 53,512,62
3H30J30P01	ims-rbt LDLo:500 mg/kg	MDWTAG 35,479,79
	orl-gpg LDLo:420 mg/kg	BUMMAB 9,7,55
	ipr-gpg LD50:300 mg/kg	AMIHAB 11,53,55
	orl-ckn LDLo:80 mg/kg	BUMMAB 9,7,55
	scu-ckn LD50:125 mg/kg	BCPCA6 12,1377,63
	orl-bwd LD50:40 mg/kg	TXAPA9 21,315,72
3F07F15F23	orl-mam LD50:157 mg/kg	VETNAL (12),94,78
	orl-brd LD50:100 mg/kg	TXAPA9 21,315,72

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CRTXB2 3(13),289,75; RREVAH 46,1,73; MZUZA8 (8),90,73; CNDQA8 10(3),43,75; DTTIAF 80(20),485,73; RREVAH 63,1,76

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 30,207,83

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82

STATUS:

NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHONIC ACID, (2,2,2-TRICHLORO-1-HYDROXYETHYL)-, DIMETHYL ESTER, BUTYRATE see: ET0175000

TA0997000 PHOSPHONIC ACID, (2-(TRIETHOXYSILYL)ETHYL)-, DIETHYL ESTER

UPDT:8308 CAS: 757-44-8 MW: 296.47 MOLFM: C12-H29-O4-P-Si

SYN: 2-(DIETHOXYPHOSPHINYL)ETHYLTRIETHOXYSILANE * DIETHYL (2-(TRIETHOXYSILYL)ETHYL)PHOSPHONIC ACID

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:17200 mg/kg	TXAPA9 28,313,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

TA1000000 PHOSPHONIC ACID, VINYL-, BIS(2-CHLOROETHYL) ESTER

UPDT:8402 CAS: 115-98-0 MW: 233.04 MOLFM: C6-H11-Cl2-O3-P

SYN: BIS-(2-CHLORETHYL)VINYLFOSFONAT (Czech) * BIS(beta-CHLOROETHYL)VINYL PHOSPHONATE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:990 mg/kg	MarJV# 29MAR77

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

TA1400000 PHOSPHONIC DIAMIDE, p-(5-AMINO-3-PHENYL-1H-1,2,4-TRIAZOL-1-YL)-N,N,N',N'-TETRAMETHYL-

UPDT:8312 CAS: 1031-47-6 MW: 294.34 MOLFM: C12-H19-N6-O-P

SYN: 5-AMINO-1-BIS(DIMETHYLAMIDE)PHOSPHORYL-3-PHENYL-1,2,4-TRIAZOLE * 5-AMINO-1-(BIS(DIMETHYLAMINO)PHOSPHINYL)-3-PHENYL-1,2,4-TRIAZOLE * 5-AMINO-1-BIS(DIMETHYLAMIDO)PHOSPHORYL-3-PHENYL-1,2,4-TRIAZOLE * 5-AMINO-3-FENIL-1-BIS(DIMETILAMINO)-FOSFORIL-1,2,4-TRIAZOLO (Italian) * 5-AMINO-3-FENYL-1-BIS(DIMETHYL-AMINO)FOSFORYL-1,2,4-TRIAZOOL (Dutch) * 5-AMINO-3-PHENYL-1-BIS (DIMETHYL-AMINO)PHOSPHORYLE-1,2,4-TRIAZOLE (French) * 5-AMINO-3-PHENYL-1-BIS(DIMETHYLAMINO)-PHOSPHORYL-1H-1,2,4-TRIAZOL (German) * 5-AMINO-3-PHENYL-1,2,4-TRIAZOLE-1-YL-N,N,N',N'-TETRAMETHYLPHOSPHODIAMIDE * 5-AMINO-3-PHENYL-1,2,4-TRIAZOLYL-1-BIS(DIMETHYLAMIDO)PHEOSPHATE * 5-AMINO-3-PHENYL-1,2,4-TRIAZOLYL-NNN'N'-TETRAMETHYL PHOSPHONAMIDE * p-(5-AMINO-3-PHENYL-1H-1,2,4-TRIAZOL-1-YL)-N,N,N'-TETRAMETHYL PHOSPHONIC DIAMIDE * BIS(DIMETHYLAMINO)-3-AMINO-5-PHENYLTRIAZOLYL PHOSPHINE OXIDE * NIAGARA 5943 * 3-PHENYL-5-AMINO-1,2,4-TRIAZOLYL-(1)-(N,N'-TETRAMETHYL) DIAMIDOPHOSPHONATE * TRIAMIFOS (German, Dutch, Italian) * TRIAMIPHOS * TRIAMPHOS * WEPSIN * WEPSYN * WEPSYN 155 * WP 155

MUTATION DATA AND REFERENCES:

	mrc-asn 400 ppm	EN/AUDM 2,359,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T51T52T53	orl-rat TDLo:1315 ug/kg (MGN)	TXCYAC 2,327,74
1T48	orl-rat TDLo:6575 ug/kg (MGN)	TXCYAC 2,327,74

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:20 mg/kg	FMCHA2 -,C256,83
	skn-rat LD50:48 mg/kg	WRPCA2 9,119,70
3C08J30Y01	ipr-rat LD50:15 mg/kg	EJPHAZ 16,361,71
	unk-rat LD50:10 mg/kg	30ZDA9 -,427,71
	orl-mus LD50:10 mg/kg	ARSIM* 20,27,66
	skn-rbt LD50:1500 mg/kg	GUCHAZ 6,508,73

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RREVAH 53,99,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA1460000 PHOSPHONIC DIAMIDE, P-(1-AZIRIDINYL)-N,N,N',N'-TETRAMETHYL-

UPDT:8401 CAS: 1195-67-1 MW: 177.22 MOLFM: C6-H16-N3-O-P

SYN: 1-ARIZIDINYL-BIS(DIMETHYLAMINO)PHOSPHINE OXIDE * P-1-AZIRIDINYL-N,N,N',N'-TETRAMETHYLAMINOPHOSPHINE OXIDE * p-1-AZIRIDINYL-N,N,N',N'-TETRAMETHY,PHOSPHINIC DIAMIDE * DI-N,N'-DIMETHYLAMIDE ETHYLENEIMIDO PHOSPHATE * ENT 50991

MUTATION DATA AND REFERENCES:

	pic-esc 230 umol/L	HEREAY 68,245,71
	sln-dmg-par 5 nmol/L	MASUAI 38,442,69
	cyt-oin-par 24 mmol/L	CNJGA8 11,648,69
	sce-hmn:lym 60 mg/L	TGANAK 16(2),34,82
	cyt-ham:lng 670 umol/L	HEREAY 68,255,71

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

TA1840700 PHOSPHONIC DIFLUORIDE, METHYL-

UPDT:8406 CAS: 676-99-3 MW: 100.01 MOLFM: C-H3-F2-O-P

SYN: DIFLUORO * DIFLUOROMETHYLPHOSPHINE OXIDE * METHYL DIFLUOROPHOSPHITE * METHYLPHOSPHONIC DIFLUORIDE * METHYLPHOSPHONYLDIFLUORIDE * PHOSPHONODIFLUORIDIC ACID, METHYL

TOXICITY DATA AND REFERENCES:

3D35R03R21	ihl-rat LCLo:1842 mg/m3/30M	TXAPA9 15,131,69
3D35F18F19	ihl-mus LCLo:1842 mg/m3/30M	TXAPA9 15,131,69
3D35J24U03	ihl-dog LCLo:1842 mg/m3/30M	TXAPA9 15,131,69
3D07F43J22	ihl-mky LCLo:2608 mg/m3/30M	TXAPA9 15,131,69
*	ihl-gpg LCLo:1600 mg/m3	TOXID9 4,22,84

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

TA1900000 PHOSPHONIUM, (5-CHLORO-2-THIENYL)METHYLTRIBUTYL)-, CHLORIDE

UPDT:8309 CAS: 33060-84-3 MW: 369.41 MOLFM: C17-H31-Cl-P-S.Cl

SYN: CHE 8728 * TRIBUTYL ((5-CHLORO-2-THIENYL)METHYL)PHOSPHONIUM CHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:455 mg/kg	FMCHA2 -,C49,83
*	skn-rat LD50:1000 mg/kg	FMCHA2 -,C49,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA2100000 PHOSPHONIUM, DECYLTRIPHENYL-, BROMOCHLOROTRIPHENYLSTANNATE

UPDT:8309 CAS: 15652-38-7 MW: 868.99 MOLFM: C28-H36-P.C18-H15-Br-Cl-Sn

SYN: A-36 * CELA A-36 * DECAFENTIN * DECYLTRIPHENYLPHOSPHONIUM BROMOCHLOROTRIPHENYLSTANNATE * STANNOPLUS * STANNPLOUS * STANNORAM

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:700 mg/kg	FMCHA2 -,C220,83
	orl-mus LD50:550 mg/kg	BESAAT 15,120,69
	skn-rbt LD50:310 mg/kg	BESAAT 15,120,69

REVIEW AND REFERENCES:

★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHONIUM, 1,2-ETHANEDIYLBIS(TRIS(2-CYANOETHYL)-, DIBROMIDE see: TA2305000

TA2305000 PHOSPHONIUM, ETHYLENEBIS(TRIS(2-CYANOETHYL)-, DIBROMIDE

UPDT:8306 CAS: 10310-38-0 MW: 574.30 MOLFM: C20-H28-N6-P2.2Br

SYN: CYAGARD RF 1 * ETHYLENEBIS(TRIS(2-CYANOETHYL)PHOSPHONIUM BROMIDE) * PHOSPHONIUM, 1,2-ETHANEDIYLBIS(TRIS(2-CYANOETHYL)-, DIBROMIDE

TOXICITY DATA AND REFERENCES:

2C08E05	orl-rat LD50:10 gm/kg	EPASR* 8EHQ-0780-0369

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0780-0369

TA2312000 PHOSPHONIUM, ETHYLTRIPHENYL-, IODIDE

UPDT:8306 CAS: 4736-60-1 MW: 418.27 MOLFM: C20-H20-P.I

SYN: ETHYLTRIPHENYLPHOSPHONIUM IODIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:5600 ug/kg	CSLNX* NX#05926

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0779-0296

TA2378000 PHOSPHONIUM, (METHYLSELENO)TRIS(DIMETHYLAMINO)-, IODIDE
UPDT:7901 CAS: 21992-92-7 MW: 384.14 MOLFM: C7-H21-N3-P-Se .I
SYN: (METHYLSELENO)TRIS(DIMETHYLAMINO)PHOSPHONIUM IODIDE
TOXICITY DATA AND REFERENCES:
• ivn-mus LD50:8 mg/kg CSLNX* NX#05351
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

TA2445000 PHOSPHONIUM, TETRAKIS(HYDROXYMETHYL)-, ACETATE mixed with TETRAKIS(HYDROXYMETHYL)PHOSPHONIUM DIHYDROGEN PHOSPHATE (76:24)
UPDT:8401 CAS: 55818-96-7 MW: 400.97 MOLFM: C4-H12-O4-P .C4-H12-O4-P .C2-H3-O2 .1/3O4-P
SYN: PYROSET FLAME RETARDANT TKP * PYROSET TKP
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:14 gm/kg/57W-I JTEHD6 2,539,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA2450000 PHOSPHONIUM, TETRAKIS(HYDROXYMETHYL)-, CHLORIDE
UPDT:8412 CAS: 124-64-1 MW: 190.58 MOLFM: C4-H12-O4-P .Cl
SYN: NCI-C55061 * TETRAKIS(HYDROXYMETHYL)PHOSPHONIUM CHLORIDE * THPC
MUTATION DATA AND REFERENCES:
otr-mus:emb 5000 ppm JTEHD6 6,259,80
otr-ham:kdy 5000 ppm JTEHD6 6,259,80
cyt-ham:ing 87 mg/L GMCRDC 27,95,81
msc-ham:lng 5000 ppm JTEHD6 6,259,80
TOXICITY DATA AND REFERENCES:
orl-mus LD50:400 mg/kg KOBUA3 24,788,75
ipr-mus LDLo:125 mg/kg CBCCT* 7,789,55
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTOXAO 17,101,80
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

TA2570000 PHOSPHONIUM, TETRAKIS(HYDROXYMETHYL)-, SULFATE (2:1)
UPDT:8412 CAS: 55566-30-8 MW: 406.32 MOLFM: C8-H24-O8-P2 .O4-S
SYN: NCI-C55080 * PYROSET TKO * TETRAKIS(HYDROXYMETHYL)PHOSPHONIUM SULFATE * THPS
MUTATION DATA AND REFERENCES:
otr-mus:emb 5000 ppm JTEHD6 6,259,80
otr-ham:kdy 5000 ppm JTEHD6 6,259,80
msc-ham:lng 5000 ppm JTEHD6 6,259,80
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

TA2975000 PHOSPHONIUM, TRIBUTYL(2,4-DICHLOROBENZYL)-, CHLORIDE
UPDT:8309 CAS: 115-78-6 MW: 397.83 MOLFM: C19-H32-Cl2-P .Cl
SYN: CBBP * CHLORFONIUM * CHLORPHONIUM * 2,4-DICHLOROBENZYLTRIBUTYLPHOSPHONIUM CHLORIDE * FOSFON D * PHOSFON * PHOSFON D * PHOSPHON * PHOSPHON D * PHOSPHONE D * TRIBUTYL(2,4-DICHLOROBENZYL)PHOSPHONIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:178 mg/kg PCOC** -,899,66
ipr-mus LDLo:19 mg/kg TXAPA9 23,288,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

N-PHOSPHONACETYL-L-ASPARTATE see: CI9469000
p-PHOSPHONOANILINE see: SZ6561300
3-PHOSPHONOANILINE see: SZ6561100
4-PHOSPHONOANILINE see: SZ6561300
(p-PHOSPHONO)BENZOIC ACID see: DH6476150
PHOSPHONODIFLUORIDIC ACID, METHYL- see: TA1840700

TA4200000 PHOSPHONODITHIOIC ACID, CHLOROMETHYL-, S-(p-CHLOROPHENYL) O-PROPYL ESTER
UPDT:8309 CAS: 1713-98-0 MW: 315.22 MOLFM: C10-H13-Cl2-O-P-S2
SYN: B-10117 * S-(4-CHLOROPHENYL) O-PROPYL (CHLOROMETHYL)PHOSPHONODITHIOATE * ENT 25,833 * PHOSPHONODITHIOIC ACID, (CHLOROMETHYL)-, S-(4-CHLOROPHENYL) O-PROPYL ESTER * O-PROPYL-S-(p-CHLOROPHENYL) CHLOROMETHYLPHOSPHONODITHIOATE * STAUFFER B-10117
TOXICITY DATA AND REFERENCES:
• orl-rat LD50:80 mg/kg ARSIM* 20,21,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHONODITHIOIC ACID, (CHLOROMETHYL)-, S-(4-CHLOROPHENYL) O-PROPYL ESTER see: TA4200000

TA4250000 PHOSPHONODITHIOIC ACID, CHLOROMETHYL-, S,S-DIETHYL ESTER
UPDT:8309 CAS: 34491-12-8 MW: 218.71 MOLFM: C5-H12-Cl-O-P-S2
SYN: BIS(DIETHYLTHIO)CHLOROMETHYL PHOSPHONATE * CHEMAGRO 5461 * CHEMAGRO R-5461 * S,S-DIETHYL(CHLOROMETHYL)PHOSPHONODITHIOATE * ENT 27,267 * R-5461
TOXICITY DATA AND REFERENCES:
orl-rat LD50:35 mg/kg ARSIM* 20,7,66
skn-rat LD50:79 mg/kg TXAPA9 12,286,68
ipr-rat LD50:23 mg/kg TXAPA9 12,286,68
ipr-mus LD50:43 mg/kg TXAPA9 12,286,68
orl-gpg LD50:224 mg/kg TXAPA9 12,286,68
ipr-gpg LD50:109 mg/kg TXAPA9 12,286,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA5250000 PHOSPHONODITHIOIC ACID, ETHYL-, S-(p-tert-BUTYLPHENYL) O-ETHYL ESTER
UPDT:8309 CAS: 329-21-5 MW: 302.46 MOLFM: C14-H23-O-P-S2
SYN: S-p-tert-BUTYLPHENYL O-ETHYL ETHYLPHOSPHONODITHIOATE * S-(4-(1,1-DIMETHYLETHYL)PHENYL) O-ETHYL ETHYLPHOSPHONODITHIOATE * ENT 25,765 * N 3051 * PHOSPHONODITHIOIC ACID, ETHYL-, S-(4-(1,1-DIMETHYLETHYL)PHENYL) O-ETHYL ESTER * STAUFFER N-3051
TOXICITY DATA AND REFERENCES:
orl-rat LD50:141 mg/kg ARSIM* 20,22,66
orl-ckn LD50:64 mg/kg TXAPA9 7,606,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA5300000 PHOSPHONODITHIOIC ACID, ETHYL-, S-(p-tert-BUTYLPHENYL) O-METHYL ESTER
UPDT:8309 CAS: 2984-66-9 MW: 288.43 MOLFM: C13-H21-O-P-S2
SYN: S-(4-(1,1-DIMETHYLETHYL)PHENYL) O-METHYL ETHYLPHOSPHONODITHIOATE * ENT 27,251 * N 4330 * PHOSPHONODITHIOIC ACID, ETHYL-, S-(4-(1,1-DIMETHYLETHYL)PHENYL) O-METHYL ESTER * STAUFFER N-4330
TOXICITY DATA AND REFERENCES:
orl-rat LD50:180 mg/kg ARSIM* 20,22,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHONODITHIOIC ACID, ETHYL-, S-(4-CHLORO-3-METHYLPHENYL)O-ETHYL ESTER see: TA5650000

PHOSPHONODITHIOIC ACID, ETHYL-, S-(4-CHLORO-3-METHYLPHENYL) O-METHYL ESTER see: TA5670000

TA5425000 PHOSPHONODITHIOIC ACID, ETHYL-, S-(p-CHLOROPHENYL) O-ETHYL ESTER
UPDT:8310 CAS: 2984-64-7 MW: 280.78 MOLFM: C10-H14-Cl-O-P-S2
SYN: BAY 36743 * BAYER 36743 * S-(p-CHLOROPHENYL) O-ETHYL ETHANEPHOSPHONODITHIOATE * S-(4-CHLOROPHENYL) O-ETHYL ETHYLPHOSPHONODITHIOATE * ENT 25,723 * O-ETHYL S-4-CHLOROPHENYL ETHYLPHOSPHONODITHIOATE * N-2596 * STAUFFER N-2596
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6 mg/kg BESAAT 15,117,69
skn-rbt LD50:261 mg/kg SPEADM 74-1,-,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA5620000 PHOSPHONODITHIOIC ACID, ETHYL-, S-(((p-CHLOROPHENYL)-THIO)METHYL) O-ETHYL ESTER
UPDT:8309 CAS: 63869-31-8 MW: 326.87 MOLFM: C11-H16-Cl-O-P-S3
SYN: S-(((4-CHLOROPHENYL)THIO)METHYL) O-ETHYL PHOSPHONODITHIOATE * ENT 25,770 * N-2860 * PHOSPHONODITHIOIC ACID, ETHYL-, S-(((4-CHLOROPHENYL)THIO)METHYL) O-ETHYL ESTER * STAUFFER N-2860
TOXICITY DATA AND REFERENCES:
orl-rat LD50:17 mg/kg ARSIM* 20,22,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHONODITHIOIC ACID, ETHYL-, S-(((4-CHLOROPHENYL)THIO)METHYL) O-ETHYL ESTER see: TA5620000

TA5650000 PHOSPHONODITHIOIC ACID, ETHYL-, S-(4-CHLORO-m-TOLYL) O-ETHYL ESTER
UPDT:8309 CAS: 1942-78-5 MW: 294.81 MOLFM: C11-H16-Cl-O-P-S2
SYN: S-(4-CHLORO-3-METHYLPHENYL) O-ETHYL ETHYLPHOSPHONODITHIOATE * ENT 27,045 * N 4446 * PHOSPHONODITHIOIC ACID, ETHYL-, S-(4-CHLORO-3-METHYLPHENYL)O-ETHYL ESTER * STAUFFER N-4446
TOXICITY DATA AND REFERENCES:
orl-rat LD50:63 mg/kg ARSIM* 20,22,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA5670000 PHOSPHONODITHIOIC ACID, ETHYL-, S-4-CHLORO-m-TOLYL O-METHYL ESTER
UPDT:8309 CAS: 1942-80-9 MW: 280.78 MOLFM: C10-H14-Cl-O-P-S2
SYN: S-(4-CHLORO-3-METHYLPHENYL) O-METHYL PHOSPHONODITHIOATE * ENT 27,[illegible]99 * N-4988 * PHOSPHONODITHIOIC ACID, ETHYL-, S-(4-CHLORO-3-METHYLPHENYL) O-METHYL ESTER * STAUFFER N-4988
TOXICITY DATA AND REFERENCES:
orl-rat LD50:89 mg/kg ARSIM* 20,22,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA5680000 PHOSPHONODITHIOIC ACID, ETHYL-, S-((2,4-DICHLOROPHENOXY)METHYL) O-ETHYL ESTER
UPDT:8309 CAS: 18596-51-5 MW: 345.25 MOLFM: C11-H15-Cl2-O2-P-S2
SYN: S-((2,4-DICHLOROPHENOXY)METHYL) O-ETHYL ETHYLPHOSPHONODITHIOATE * ENT 27,298 * N-5196 * STAUFFER N-5196
TOXICITY DATA AND REFERENCES:
orl-rat LD50:112 mg/kg ARSIM* 20,22,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA5690000 PHOSPHONODITHIOIC ACID, ETHYL-, S-((2,4-DICHLOROPHENOXY)METHYL) O-PROPYL ESTER
UPDT:8309 CAS: 18596-67-3 MW: 359.28 MOLFM: C12-H17-Cl2-O2-P-S2
SYN: S-((2,4-DICHLOROPHENOXY)METHYL) O-PROPYL ETHYLPHOSPHONODITHIOATE * ENT 27,361 * NSC 190959 * R-10414 * STAUFFER R-10414
TOXICITY DATA AND REFERENCES:
orl-rat LD50:79 mg/kg ARSIM* 20,24,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA5700000 PHOSPHONODITHIOIC ACID, ETHYL-, S,S-DIETHYL ESTER
UPDT:8309 CAS: 18032-95-6 MW: 198.30 MOLFM: C6-H15-O-P-S2
SYN: CHEMAGRO R-5639 * S,S-DIETHYL ETHYLPHOSPHONODITHIOATE * ENT 27,322 * NSC 190922 * R-5639
TOXICITY DATA AND REFERENCES:
orl-rat LD50:30 mg/kg ARSIM* 20,7,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHONODITHIOIC ACID, ETHYL-, S-(4-(1,1-DIMETHYLETHYL)PHENYL) O-ETHYL ESTER see: TA5250000
PHOSPHONODITHIOIC ACID, ETHYL-, S-(4-(1,1-DIMETHYLETHYL)PHENYL) O-METHYL ESTER see: TA5300000
PHOSPHONODITHIOIC ACID, ETHYL-, O-ETHYL S-(2-METHYLPHENYL) ESTER see: TA6120000

TA5950000 PHOSPHONODITHIOIC ACID, ETHYL-, O-ETHYL S-PHENYL ESTER
UPDT:8408 CAS: 944-22-9 MW: 246.34 MOLFM: C10-H15-O-P-S2
SYN: O-AETHYL-S-PHENYL-AETHYL-DITHIOPHOSPHONAT (German) * DIFONATE * DYFONATE * DYPHONATE * ENT 25,796 * O-ETHYL-S-PHENYL ETHYLPHOSPHONODITHIOATE * O-ETHYL S-PHENYL ETHYLDITHIOPHOSPHONATE * FONOFOS * FONOPHOS * N 2790 * STAUFFER N 2790
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3 mg/kg WRPCA2 9,119,70
skn-rat LD50:147 mg/kg WRPCA2 9,119,70
• skn-rbt LD50:25 mg/kg FMCHA2 -,C92,83
skn-gpg LD50:278 mg/kg 28ZEAL 5,118,76
• orl-dom LD50:1300 ug/kg AJVRAH 43,1672,82
unk-mam LD50:17 mg/kg 30ZDA9 -,385,71
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug/m3 (skin) DTLVS* 4,163,80
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA6120000 PHOSPHONODITHIOIC ACID, ETHYL-, O-ETHYL S-(o-TOLYL) ESTER
UPDT:8309 CAS: 3099-88-5 MW: 260.37 MOLFM: C11-H17-O-P-S2
SYN: ENT 25,771 * O-ETHYL S-(2-METHYLPHENYL)ETHYLPHOSPHONODITHIOATE * N-2789 * PHOSPHONODITHIOIC ACID, ETHYL-, O-ETHYL S-(2-METHYLPHENYL) ESTER * STAUFFER N-2789
TOXICITY DATA AND REFERENCES:
orl-rat LD50:43 mg/kg ARSIM* 20,22,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA6125000 PHOSPHONODITHIOIC ACID, ETHYL-, O-ETHYL S-(p-TOLYL) ESTER
UPDT:8309 CAS: 333-43-7 MW: 260.37 MOLFM: C11-H17-O-P-S2
SYN: BAY 38156 * BAYER 38156 * ENT 25713 * O-ETHYL S-(4-METHYLPHENYL) ETHYLPHOSPHONODITHIOATE * O-ETHYL S-p-TOLYL ETHYLPHOSPHONODITHIOATE * N 2788 * S 4706 * STAUFFER N-2788 * p-TOLUENETHIOL, S-ESTER with O-ETHYL ETHYLPHOSPHONODITHIOATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:123 mg/kg JAFCAU 17,1261,69
orl-ckn LD50:23 mg/kg TXAPA9 7,606,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHONODITHIOIC ACID, ETHYL-, O METHYL S-(4-METHYLPHENYL) ESTER see: TA6825000

TA6700000 PHOSPHONODITHIOIC ACID, ETHYL-, O-METHYL S-PHENYL ESTER
UPDT:8310 CAS: 2984-70-5 MW: 232.31 MOLFM: C9-H13-O-P-S2
SYN: ENT 27,249 * O-METHYL S-PHENYL ETHYLPHOSPHONODITHIOATE * N 3794 * STAUFFER N 3794
TOXICITY DATA AND REFERENCES:

orl-rat LD50:90 mg/kg	ARSIM* 20,22,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA6825000 PHOSPHONODITHIOIC ACID, ETHYL-, O-METHYL S-(p-TOLYL) ESTER
UPDT:8309 CAS: 2984-65-8 MW: 246.34 MOLFM: C10-H15-O-P-S2
SYN: BAY 42903 * ENT 27,250 * O-METHYL S-(4-METHYLPHENYL) ETHYLPHOSPHONODITHIOATE * N 4328 * PHOSPHONODITHIOIC ACID, ETHYL-, O METHYL S-(4-METHYLPHENYL) ESTER * STAUFFER N-4328
TOXICITY DATA AND REFERENCES:

orl-rat LD50:93 mg/kg	ARSIM* 20,22,66
orl-gpg LDLo:25 mg/kg	JEENAI 61,1261,68
scu-gpg LDLo:25 mg/kg	JEENAI 61,1261,68
orl-bwd LD50:5 mg/kg	TXAPA9 21,315,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA7200000 PHOSPHONODITHIOIC ACID, ETHYL-, S,S'-(THIODIMETHYLENE) O,O'-DIETHYL ESTER
UPDT:8309 CAS: 18300-10-2 MW: 398.58 MOLFM: C10-H24-O2-P2-S5
SYN: ENT 27,081 * N 3734 * STAUFFER N-3734 * S,S'-(THIODIMETHYLENE) O,O'-DIETHYL BIS(ETHYLPHOSPHONODITHIOATE)
TOXICITY DATA AND REFERENCES:

orl-rat LD50:2300 ug/kg	ARSIM* 20,22,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA7210000 PHOSPHONODITHIOIC ACID, ETHYL-, S,S'-(THIODIMETHYLENE) O,O'-DIMETHYL ESTER
UPDT:8309 CAS: 18300-07-7 MW: 370.52 MOLFM: C8-H20-O2-P2-S5
SYN: ENT 27,082 * N 3735 * STAUFFER N-3735 * S,S'-(THIODIMETHYLENE) O,O'-DIMETHYL BIS(ETHYLPHOSPHONODITHIOATE)
TOXICITY DATA AND REFERENCES:

orl-rat LD50:3900 ug/kg	ARSIM* 20,22,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA7380000 PHOSPHONODITHIOIC ACID, METHYL-, ANHYDRIDE, DIPROPYL ESTER
UPDT:8309 CAS: 13413-40-6 MW: 322.46 MOLFM: C8-H20-O-P2-S4
SYN: ENT 27,189 * MOBIL VC-3-790 * PHOSPHONODITHIOIC ACID, METHYL-, S-PROPYL ESTER ANHYDRIDE * S-PROPYL METHYLPHOSPHONODITHIOATE ANHYDRIDE * V-C 3-790 * V-C CHEMICAL 3-790 * VIRGINIA-CAROLINA 3-790
TOXICITY DATA AND REFERENCES:

orl-rat LD50:65 mg/kg	ARSIM* 20,26,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA7400000 PHOSPHONODITHIOIC ACID, METHYL-, O-(BENZO(b)THIEN-4-YL) S-PROPYL ESTER
UPDT:8309 CAS: 18729-79-8 MW: 302.42 MOLFM: C12-H15-O-P-S3
SYN: O-BENZO(B)THIEN-4-YL S-PROPYL METHYLPHOSPHONODITHIOATE * ENT 27,372 * MC-327 * MOBIL MC-327 * NSC 30160
TOXICITY DATA AND REFERENCES:

orl-rat LD50:50 mg/kg	ARSIM* 20,14,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA7480000 PHOSPHONODITHIOIC ACID, METHYL-, S-(((p-CHLOROPHENYL)THIO)METHYL) O-METHYL ESTER
UPDT:8309 CAS: 18466-11-0 MW: 298.81 MOLFM: C9-H12-Cl-O-P-S3
SYN: S-(((4-CHLOROPHENYL)THIO)METHYL) O-METHYL METHYLPHOSPHONODITHIOATE * ENT 27,180 * N 4548 * PHOSPHONODITHIOIC ACID, METHYL-, S-(((4-CHLOROPHENYL)THIO)METHYL)O-METHYL ESTER * STAUFFER N-4548
TOXICITY DATA AND REFERENCES:

orl-rat LD50:31 mg/kg	ARSIM* 20,22,66
orl-gpg LDLo:50 mg/kg	JEENAI 61,1261,68
scu-gpg LDLo:100 mg/kg	JEENAI 61,1261,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHONODITHIOIC ACID, METHYL-, S-(((4-CHLOROPHENYL)THIO)METHYL)O-METHYL ESTER see: TA7480000

TA7490000 PHOSPHONODITHIOIC ACID, METHYL-, O-2,4-DICHLOROPHENYL S-PROPYL ESTER
UPDT:8309 CAS: 63869-33-0 MW: 315.22 MOLFM: C10-H13-Cl2-O-P-S2
SYN: O-(2,4-DICHLOROPHENYL) S-PROPYL METHYLPHOSPHONODITHIOATE * ENT 27,185 * MOBIL VC 3-759 * V-C 3-759 * V-C CHEMICAL V-C 3-759 * VIRGINIA-CAROLINA 3-759
TOXICITY DATA AND REFERENCES:

orl-rat LD50:178 mg/kg	ARSIM* 20,26,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA7498000 PHOSPHONODITHIOIC ACID, METHYL-, S-(DIPHENYLMETHYL) O-ETHYL ESTER
UPDT:8402 CAS: 68640-57-3 MW: 322.44 MOLFM: C16-H19-O-P-S2
SYN: S-(DIPHENYLMETHYL) O-ETHYL METHYLPHOSPHONODITHIOATE
TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:24 mg/kg	KSKZAN 16,18,78

TA7498500 PHOSPHONODITHIOIC ACID, METHYL-, S-(DIPHENYLMETHYL) O-OCTYL ESTER
UPDT:8402 CAS: 68640-55-1 MW: 406.62 MOLFM: C22-H31-O-P-S2
SYN: S-(DIPHENYLMETHYL) O-OCTYL METHYLPHOSPHONODITHIOATE
TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:300 mg/kg	KSKZAN 16,18,78

TA7500000 PHOSPHONODITHIOIC ACID, METHYL-, S,S-DIPROPYL ESTER
UPDT:8309 CAS: 996-04-3 MW: 212.33 MOLFM: C7-H17-O-P-S2
SYN: S,S-DIPROPYL METHYLPHOSPHONODITHIOATE * ENT 25,580 * V-C 3-676 * V-C CHEMICAL V-C 3-676 * VIRGINIA-CAROLINA 3-676
TOXICITY DATA AND REFERENCES:

orl-rat LD50:1780 ug/kg	ARSIM* 20,26,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA7565000 PHOSPHONODITHIOIC ACID, METHYL-, S-((N-METHOXYCARBONYL)-N-METHYLCARBAMOYL)METHYL O-METHYL ESTER
UPDT:8309 CAS: 29173-31-7 MW: 271.31 MOLFM: C7-H14-N-O4-P-S2
SYN: MC 2420 * MECARPHON * S-(N-METHOXYCARBONYL-N-METHYLCARBAMOYLMETHYL)DIMETHYL PHOSPHONOTHIOLOTHIONATE * METHYL ((METHOXYMETHYLPHOSPHINOTHIOYL)THIO)ACETYL)METHYLCARBAMATE
TOXICITY DATA AND REFERENCES:

	orl-rat LD50:57 mg/kg	GUCHAZ 6,324,73
*	skn-rat LD50:720 mg/kg	FMCHA2 ,C148,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA7600000 PHOSPHONODITHIOIC ACID, METHYL-, O-METHYL ESTER, S-ESTER with 2-MERCAPTO-N-METHYLACETAMIDE
UPDT:8309 CAS: 18278-44-9 MW: 245.33 MOLFM: C5-H12-N-O2-P-S3
SYN: CP 19203 * ENT 25,977 * O-METHYL S-(((METHYLAMINO)CARBONYL)METHYL) METHYLPHOSPHONODITHIOATE * MONSANTO CP-19203 * PHOSPHONODITHIOIC ACID, METHYL-, O-METHYL S-(((METHYLAMINO)CARBONYL)METHYL ESTER
TOXICITY DATA AND REFERENCES:

orl-rat LD50:10 mg/kg	ARSIM* 20,15,66
orl-gpg LDLo:10 mg/kg	JEENAI 60,733,67
scu-gpg LDLo:25 mg/kg	JEENAI 60,733,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHONODITHIOIC ACID, METHYL-, O-METHYL S-(((METHYLAMINO)CARBONYL)METHYL ESTER see: TA7600000

TA7830000 PHOSPHONODITHIOIC ACID, METHYL-, O-METHYL S-PHENYL ESTER
UPDT:8309 CAS: 2984-68-1 MW: 218.28 MOLFM: C8-H11-O-P-S2
SYN: ENT 25,961 * O-METHYL S-PHENYL METHYLPHOSPHONODITHIOATE * N 3727 * STAUFFER N-3727
TOXICITY DATA AND REFERENCES:

orl-rat LD50:150 mg/kg	ARSIM* 20,22,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA8050000 PHOSPHONODITHIOIC ACID, METHYL-, O-PHENYL S-PROPYL ESTER
UPDT:8309 CAS: 3239-63-2 MW: 246.34 MOLFM: C10-H15-O-P-S2
SYN: ENT 27,186 * MOBIL VC-3-764 * O-PHENYL S-PROPYL METHYL PHOSPHONODITHIOATE * V-C 3-764 * VIRGINIA-CAROLINA 3-764
TOXICITY DATA AND REFERENCES:

orl-rat LD50:208 mg/kg	ARSIM* 20,26,66
orl-ckn LD50:8 mg/kg	TXAPA9 11,49,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA8052000 PHOSPHONODITHIOIC ACID, (PHENYLMETHYL)-, O-BUTYL S-METHYL ESTER
UPDT:8303 CAS: 37955-53-5 MW: 274.40 MOLFM: C12-H19-O-P-S2
SYN: ACARICIDE 228F * 228F
TOXICITY DATA AND REFERENCES:

*	skn-mam LD50:611 mg/kg	GTPZAB 21(7),34,77

PHOSPHONODITHIOIC ACID, METHYL-, S-PROPYL ESTER, ANHYDRIDE see: TA7380000

TA8100000 PHOSPHONODITHIOUS ACID, METHYL-, DIPROPYL ESTER
UPDT:8309 CAS: 999-34-8 MW: 196.33 MOLFM: C7-H17-P-S2
SYN: DIPROPYL METHYLPHOSPHONODITHIOATE * ENT 25,978 * V-C 3-665 * V-C CHEMICAL V-C 3-665 * VIRGINIA CAROLINA 3-665
TOXICITY DATA AND REFERENCES:

orl-rat LD50:2240 ug/kg	ARSIM* 20,26,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA8200000 PHOSPHONOFLUORIDIC ACID, METHYL-
UPDT:8408 MW: 98.02 MOLFM: C-H4-F-O2-P
SYN: METHYLPHOSPHONOFLUORIDIC ACID
TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:300 mg/kg	TOXID9 4,22,84

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA8400000 PHOSPHONOFLUORIDIC ACID, METHYL-, ISOPROPYL ESTER
UPDT:8408 CAS: 107-44-8 MW: 140.11 MOLFM: C4-H10-F-O2-P
SYN: GB * IMPF * ISOPROPOXYMETHYLPHOSPHORYL FLUORIDE * ISOPROPYL METHANEFLUOROPHOSPHONATE * ISOPROPYL METHYLFLUOROPHOSPHATE * ISOPROPYL METHYLPHOSPHONOFLUORIDATE * o-ISOPROPYL METHYLPHOSPHONOFLUORIDATE * ISOPROPYL-METHYL-PHOSPHORYL FLUORIDE * METHYLPHOSPHONOFLUORIDIC ACID ISOPROPYL ESTER * METHYLPHOSPHONOFLUORIDIC ACID 1-METHYLETHYL ESTER * MFI * PHOSPHINE OXIDE, FLUOROISOPROPOXYMETHYL- * PHOSPHORIC ACID, METHYLFLUORO-, ISOPROPYL ESTER * SARIN * SARIN II * T-144 * T-2106 * TL 1618 * TRILONE 46
TOXICITY DATA AND REFERENCES:

3F18J04K13	orl-hmn TDLo:2 ug/kg	JCINAO 37,350,58
	skn-hmn LD50:28 mg/kg	SCJUAD 4,33,67
3C08D15Y01	skn-hmn TDLo:103 ug/kg	27ZXA3 -,106,80
	ihl-hmn LC50:70 mg/m3	SCJUAD 4,33,67
	orl-rat LD50:550 ug/kg	NTIS** PB158-508
	scu-rat LD50:113 ug/kg	TXAPA9 16,40,70
	ivn-rat LD50:45 ug/kg	NTIS** PB158-508
	ims-rat LD50:200 ug/kg	TXAPA9 22,93,72
	skn-mus LD50:1080 ug/kg	NTIS** PB158-508
3C09F12J30	ipr-mus LD50:420 ug/kg	AIPTAK 113,101,57
	scu-mus LD50:100 ug/kg	11FYAN 3,69,63
	ims-mus LD50:222 ug/kg	AIPTAK 204,110,73
	ivn-dog LD50:19 ug/kg	JPETAB 132,50,61
	ivn-cat LD50:22 ug/kg	JPETAB 132,50,61
	skn-rbt LD50:925 ug/kg	NTIS** PB158-508
	scu-rbt LD50:30 ug/kg	TXAPA9 40,109,77
2J25F12	ivn-rbt LD50:28 ug/kg	AIPTAK 115,474,58
	ihl-gpg LCLo:128 mg/m3/2M	TXAPA9 16,40,70
	scu-gpg LD50:38 ug/kg	TXAPA9 16,40,70

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 46,1,73; CHREAY 48,225,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA8750000 PHOSPHONOFLUORIDIC ACID, METHYL-, 1,2,2-TRIMETHYLPROPYL ESTER
UPDT:8406 CAS: 96-64-0 MW: 182.20 MOLFM: C7-H16-F-O2-P
SYN: 2-BUTANOL, 3,3-DIMETHYL-, METHYLPHOSPHONOFLUORIDATE * 3,3-DIMETHYL-n-BUT-2-YL METHYLPHOSPHONOFLUORIDATE * GD * METHYLPHOSPHONOFLUORIDIC ACID, 3,3-DIMETHYL-2-BUTYL ESTER * METHYLPHOSPHONOFLUORIDIC ACID 1,2,2-TRIMETHYLPROPYL ESTER * METHYL PINACOLYLOXY PHOSPHORYLFLUORIDE * METHYL PINACOLYL PHOSPHONOFLUORIDATE * PHOSPHINE OXIDE, FLUOROMETHYL(1,2,2-TRIMETHYLPROPOXY)- * PINACOLOXYMETHYLPHOSPHORYL FLUORIDE * PINACOLYL METHYLFLUOROPHOSPHONATE * PINACOLYL METHYLPHOSPHONOFLUORIDATE * PINACOLYLOXY METHYLPHOSPHORYL FLUORIDE * PINACOLYL METHYLFLUOROPHOSPHONATE * PMFP * SOMAN * 1,2,2-TRIMETHYLPROPYL METHYLPHOSPHONOFLUORIDATE
TOXICITY DATA AND REFERENCES:

	ihl-hmn LCLo:70 mg/m3	SCJUAD 4,33,67
	skn-hmn LDLo:18 mg/kg	SCJUAD 4,33,67
3A30F12K12	ipr-rat LD50:200 ug/kg	APTOA6 46,1,80
3A30F12K12	scu-rat LD50:80 ug/kg	APTOA6 46,1,80
	skn-mus LD50:7800 ug/kg	TXAPA9 5,685,63
	ipr-mus LD50:620 ug/kg	TXAPA9 5,685,63
*	scu-mus LD50:83 ug/kg	FAATDF 1,419,81
	ivn-mus LDLo:66 ug/kg	TXAPA9 20,474,71
	scu-dog LD50:14 ug/kg	ARTODN 36,71,76
*	scu-mky LD50:13 ug/kg	FAATDF 1,419,81
	ims-mky LD50:6570 mg/kg	NTIS** AD-A026-821
	scu-rbt LD50:21 ug/kg	TXAPA9 40(1),109,77
	scu-gpg LD50:24 ug/kg	TXAPA9 40(1),109,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

N-(PHOSPHONOMETHYL)GLYCINE see: MC1075000
PHOSPHONOMYCIN see: SZ7890000
PHOSPHONOMYCIN DISODIUM SALT see: SZ7902000

PHOSPHONOMYCIN SODIUM see: SZ7902000

TA8800000 PHOSPHONOSELENOIC ACID, ETHYL-, Se-(2-(DIETHYLAMINO)ETHYL) O-ETHYL ESTER
UPDT:8201 CAS: 10161-84-9 MW: 300.28 MOLFM: C10-H24-N-O2-P-Se
SYN: O-ETHYL Se-(2-DIETHYLAMINOETHYL)PHOSPHONOSELENOATE * SELENOPHOS
TOXICITY DATA AND REFERENCES:
1Y01 scu-mus LD50:21 ug/kg JMCMAR 10,115,67
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

PHOSPHONOTHIOIC ACID, CHLORO-, O,O-DIETHYL ESTER see: TD1780000

PHOSPHONOTHIOIC ACID, CHLORO-, O,O-DIMETHYL ESTER see: TD1830000

TA9030000 PHOSPHONOTHIOIC ACID, (CHLOROMETHYL)-, O-ETHYL ESTER, O-ESTER with 4-HYDROXY-m-ANISONITRILE
UPDT:8309 CAS: 4081-32-7 MW: 305.73 MOLFM: C11-H13-Cl-N-O3-P-S
SYN: B-11110 * O-(4-CYANO-2-METHOXYPHENYL) O-ETHYL(CHLOROMETHYL)PHOSPHONOTHIOATE * ENT 27,227 * STAUFFER B-11110
TOXICITY DATA AND REFERENCES:
orl-rat LD50:71 mg/kg ARSIM* 20,21,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA9050000 PHOSPHONOTHIOIC ACID, (CHLOROMETHYL)-, O-ISOBUTYL ESTER, ANHYDRIDE with DIETHYL PHOSPHATE
UPDT:8309 CAS: 63815-50-9 MW: 338.75 MOLFM: C9-H21-Cl-O5-P2-S
SYN: D'ETHYL PHOSPHATE ANHYDRIDE with O-(2-METHYLPROPYL)(CHLOROMETHYL)PHOSPHONOTHIOATE * ENT 25,758 * STAUFFER B-8778
TOXICITY DATA AND REFERENCES:
orl-rat LD50:55 mg/kg ARSIM* 20,21,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TA9070000 PHOSPHONOTHIOIC ACID, (CHLOROMETHYL)-, O-ISOPROPYL ESTER, ANHYDRIDE with DIISOPROPYL PHOSPHATE
UPDT:8309 CAS: 3818-80-2 MW: 352.78 MOLFM: C10-H23-Cl-O5-P2-S
SYN: BIS(1-METHYLETHYL)PHOSPHATE ANHYDRIDE with O-(1-METHYLETHYL)(CHLOROMETHYL)PHOSPHONOTHIOATE * ENT 25,757 * STAUFFER B-8760
TOXICITY DATA AND REFERENCES:
orl-rat LD50:18 mg/kg ARSIM* 20,21,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHONOTHIOIC ACID, (1,2-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)-, O,O-DIETHYL ESTER see: TB2050000

TB0185000 PHOSPHONOTHIOIC ACID, ETHYL-, O-(4-BROMO-2,5-DICHLOROPHENYL) O-ETHYL ESTER
UPDT:8309 CAS: 2720-17-4 MW: 378.06 MOLFM: C10-H12-Br-Cl2-O2-P-S
SYN: O-(4-BROMO-2,5-DICHLOROPHENYL) O-ETHYL ETHYLPHOSPHONOTHIOATE * CELA K-37 * ENT 27,373 * K 37 * NSC 190967
TOXICITY DATA AND REFERENCES:
orl-rat LD50:35 mg/kg ARSIM* 20,6,66
orl-mus LD50:77 mg/kg ARSIM* 20,6,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB0200000 PHOSPHONOTHIOIC ACID, ETHYL-, O-(4-BROMO-2,5-DICHLOROPHENYL) O-METHYL ESTER
UPDT:8309 CAS: 2720-19-6 MW: 364.03 MOLFM: C9-H10-Br-Cl2-O2-P-S
SYN: O-(4-BROMO-2,5-DICHLOROPHENYL) O-METHYL ETHYLPHOSPHONOTHIOATE * CELA K-41 * ENT 27,374 * K 41 * NSC 404610
TOXICITY DATA AND REFERENCES:
orl-rat LD50:80 mg/kg ARSIM* 20,6,66
orl-mus LD50:88 mg/kg ARSIM* 20,6,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB0273000 PHOSPHONOTHIOIC ACID, ETHYL-, O-(2-CHLORO-4-NITROPHENYL) O-ISOPROPYL ESTER
UPDT:8309 CAS: 328-04-1 MW: 323.75 MOLFM: C11-H15-Cl-N-O4-P-S
SYN: O-(2-CHLORO-4-NITROPHENYL) O-ISOPROPYL ETHYLPHOSPHONOTHIOATE * ENT 25,755 * PHOSPHONOTHIOIC ACID, ETHYL-, O-(2-CHLORO-4-NITROPHENYL) O-(1-METHYLETHYL) ESTER * N 2404 * STAUFFER N-2404
TOXICITY DATA AND REFERENCES:
orl-rat LD50:32 mg/kg ARSIM* 20,22,66
orl-ckn LD50:4 mg/kg TXAPA9 7,606,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB0275000 PHOSPHONOTHIOIC ACID, ETHYL-, O-(2-CHLORO-4-NITROPHENYL) O-METHYL ESTER
UPDT:8309 CAS: 2917-21-7 MW: 295.69 MOLFM: C9-H11-Cl-N-O4-P-S
SYN: O-(2-CHLORO-4-NITROPHENYL) O-METHYL ETHYLPHOSPHONOTHIOATE * ENT 25,769 * STAUFFER N-2310
TOXICITY DATA AND REFERENCES:
orl-rat LD50:23 mg/kg ARSIM* 20,22,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHONOTHIOIC ACID, ETHYL-, O-(2-CHLORO-4-NITROPHENYL) O-(1-METHYLETHYL) ESTER see: TB0273000

TB0280000 PHOSPHONOTHIOIC ACID, ETHYL-, O-(4-CHLOROPHENYL) O-ETHYL ESTER
UPDT:8309 CAS: 1497-39-8 MW: 264.72 MOLFM: C10-H14-Cl-O2-P-S
SYN: O-(4-CHLOROPHENYL) O-ETHYL ETHYLPHOSPHONOTHIOATE * ENT 25,795 * N 2599 * STAUFFER N-2599
TOXICITY DATA AND REFERENCES:
orl-rat LD50:95 mg/kg ARSIM* 20,22,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB0400000 PHOSPHONOTHIOIC ACID, ETHYL-, O-(2,4-DICHLOROPHENYL) O-ETHYL ESTER
UPDT:8309 CAS: 1593-27-7 MW: 299.16 MOLFM: C10-H13-Cl2-O2-P-S
SYN: O-(2,4-DICHLOROPHENYL) O-ETHYL ETHYLPHOSPHONOTHIOATE * ENT 25,798 * N 3054 * STAUFFER N-3054
TOXICITY DATA AND REFERENCES:
orl-rat LD50:25 mg/kg ARSIM* 20,22,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHONOTHIOIC ACID, ETHYL-, O-ETHYL O-(3-METHYL-4-NITROPHENYL) ESTER see: TB0620000

TB0600000 PHOSPHONOTHIOIC ACID, ETHYL-, O-ETHYL O-(p-(METHYLSULFINYL)PHENYL) ESTER
UPDT:8309 CAS: 6587-45-7 MW: 292.37 MOLFM: C11-H17-O3-P-S2
SYN: BAY 48792 * BAYER 48792 * ENT 27,277 * O-ETHYL O-(4-(METHYLSULFINYL)PHENYL)ETHYLPHOSPHONOTHIOATE * PHOSPHONOTHIOIC ACID, ETHYL-, O-ETHYL O-(4-(METHYLSULFINYL)PHENYL) ESTER
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2500 ug/kg ARSIM* 20,5,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHONOTHIOIC ACID, ETHYL-, O-ETHYL O-(4-(METHYLSULFINYL)PHENYL ESTER see: TB0600000

TB0620000 PHOSPHONOTHIOIC ACID, ETHYL-, O-ETHYL O-(4-NITRO-m-TOLYL) ESTER
UPDT:8309 CAS: 18313-91-2 MW: 289.31 MOLFM: C11-H16-N-O4-P-S
SYN: BAY 45556 * BAYER 45556 * ENT 25,826 * O-ETHYL O-(3-METHYL-4-NITROPHENYL)ETHYLPHOSPHONOTHIOATE * PHOSPHONOTHIOIC ACID, ETHYL-, O-ETHYL O-(3-METHYL-4-NITROPHENYL) ESTER
TOXICITY DATA AND REFERENCES:
orl-rat LD50:10 mg/kg ARSIM* 20,5,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB0700000 PHOSPHONOTHIOIC ACID, ETHYL-, O-ETHYL O-(2,4,5-TRICHLOROPHENYL) ESTER
UPDT:8309 CAS: 327-98-0 MW: 333.60 MOLFM: C10-H12-Cl3-O2-P-S
SYN: 5082A * AGRISIL * AGRITOX * BAY 37289 * BAYER 37289 * BAYER 5081 * BAYER S 4400 * CHEMACRO 37289 * ENT 25,712 * ETHYL TRICHLOROPHENYLETHYLPHOSPHONOTHIOATE * O-ETHYL O-2,4,5-TRICHLOROPHENYL ETHYLPHOSPHONOTHIOATE * FENOPHOSPHON * PHENOL, 2,4,5-TRICHLORO-, O-ESTER with O-ETHYL ETHYLPHOSPHONOTHIOATE * PHYTOSOL * S 4400 * STAUFFER N-3049 * TRICHLORONAT * TRICHLORONATE * WIRKSTOFF 37289
TOXICITY DATA AND REFERENCES:
orl-rat LD50:15 mg/kg ARSIM* 20,4,66
skn-rat LD50:64 mg/kg WRPCA2 9,119,70
orl-mus LD50:40 mg/kg 85DPAN -,-,71/76
orl-cat LD50:10 mg/kg 85DPAN -,-,71/76
orl-gpg LD50:40 mg/kg 85DPAN -,-,71/76
orl-ckn LD50:12 mg/kg TXAPA9 11,49,67
* orl-dck LD50:12 mg/kg DOEAAH 35,25,79
unk-mam LD50:35 mg/kg 30ZDA9 -,385,71
orl-bwd LD50:2 mg/kg TXAPA9 21,315,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 3(13),289,75; RREVAH 63,1,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB1060000 PHOSPHONOTHIOIC ACID, ETHYL-, S,S'-(THIODIMETHYLENE) O,O'-DIETHYL ESTER
UPDT:8309 CAS: 20395-17-9 MW: 366.46 MOLFM: C10-H24-O4-P2-S3
SYN: ENT 27,083 * N 3736 * STAUFFER N-3736 * S,S'-(THIODIMETHYLENE) BIS(O-ETHYL ETHYLPHOSPHONODITHIOATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1700 ug/kg ARSIM* 20,22,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB1070000 PHOSPHONOTHIOIC ACID, METHYL-, O-(4-BROMO-2,5-DICHLOROPHENYL) O-ISOPROPYL ESTER
UPDT:8310 CAS: 2720-18-5 MW: 378.06 MOLFM: C10-H12-Br-Cl2-O2-P-S
SYN: O-(4-BROMO-2,5-DICHLOROPHENYL) O-(1-METHYLETHYL)METHYLPHOSPHONOTHIOATE * CELA K-43 * ENT 27,375 * O-(2,5-DICHLORO-4-BROMOPHENYL) O-ISOPROPYL METHYLPHOSPHONOTHIOATE * K 43 * OMS 989
TOXICITY DATA AND REFERENCES:
orl-rat LD50:73 mg/kg ARSIM* 20,6,66
* unk-qal LDLo:20 mg/kg BECTA6 25,537,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB1075000 PHOSPHONOTHIOIC ACID, METHYL-, O-(2-CHLOROALLYL) O-(p-NITROPHENYL)ESTER
UPDT:8309 CAS: 14667-53-9 MW: 307.70 MOLFM: C10-H11-Cl-N-O4-P-S
SYN: O-(2-CHLORO-2-PROPENYL) O-(4-NITROPHENYL) METHYLPHOSPHONOTHIOATE * CP 40272 * ENT 25,785 * MONSANTO CP-40272 * PHOSPHONOTHIOIC ACID, METHYL-, O-(2-CHLORO-2-PROPENYL) O-(4-NITROPHENYL) ESTER
TOXICITY DATA AND REFERENCES:
orl-rat LD50:32 mg/kg ARSIM* 20,15,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB1076000 PHOSPHONOTHIOIC ACID, METHYL-, O-2-CHLOROALLYL O-(alpha,alpha,alpha-TRIFLUORO-4-NITRO- m-TOLYL) ESTER
UPDT:8309 CAS: 740-20-5 MW: 375.70 MOLFM: C11-H10-Cl-F3-N-O4-P-S
SYN: O-(2-CHLORO-2-PROPENYL) O-(4-NITRO-3-(TRIFLUOROMETHYL)PHENYL)METHYLPHOSPHONOTHIOATE * CP-40298 * ENT 25,789 * MONSANTO CP-40298
TOXICITY DATA AND REFERENCES:
orl-rat LD50:200 mg/kg ARSIM* 20,15,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHONOTHIOIC ACID, METHYL-, O-(4-CHLOROBUTYL) O-(4-NITRO-3-(TRIFLUOROMETHYL)PHENYL ESTER see: TB1077000

TB1077000 PHOSPHONOTHIOIC ACID, METHYL-, O-(4-CHLOROBUTYL) O-(alpha, alpha, alpha-TRIFLUORO-4-NITRO- m-TOLYL)ESTER
UPDT:8309 CAS: 3954-73-2 MW: 391.75 MOLFM: C12-H14-Cl-F3-N-O4-P-S
SYN: O-(4-CHLOROBUTYL) O-(4-NITRO-3-(TRIFLUOROMETHYL)PHENYL)METHYLPHOSPHONOTHIOATE * CP 40296 * ENT 25,788 * MONSANTO CP-40296 * PHOSPHONOTHIOIC ACID, METHYL-, O-(4-CHLOROBUTYL) O-(4-NITRO-3-(TRIFLUOROMETHYL)PHENYL ESTER
TOXICITY DATA AND REFERENCES:
orl-rat LD50:79 mg/kg ARSIM* 20,15,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHONOTHIOIC ACID, METHYL-, O-(3-CHLORO-4-CYANOPHENYL) O-ETHYL ESTER see: TB1105000

PHOSPHONOTHIOIC ACID, METHYL-, O-(2-CHLORO-2-PROPENYL) O-(4-NITROPHENYL) ESTER see: TB1075000

PHOSPHONOTHIOIC ACID, METHYL,- O-(4-CYANOPHENYL) O-PHENYL ESTER see: TB1700000

TB1080000 PHOSPHONOTHIOIC ACID, METHYL-, O-(2,4-DICHLOROPHENYL) O-METHYL ESTER
UPDT:8308 CAS: 2667-49-4 MW: 271.10 MOLFM: C8-H9-Cl2-O2-P-S
SYN: BAY 30911 * BAYER 30911 * ENT 25,635
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:500 mg/kg ARSIM* 20,4,66

TB1090000 PHOSPHONOTHIOIC ACID, METHYL-, S-(2-(DIISOPROPYLAMINO)ETHYL) O-ETHYL ESTER
UPDT:8406 CAS: 50782-69-9 MW: 236.44 MOLFM: C11-H26-N-O2-S
SYN: S-(2-DIISOPROPYLAMINOETHYL) O-ETHYL METHYL PHOSPHONOTHIOLATE * ETHYL-S-DIISOPROPYLAMINOETHYL METHYLTHIOPHOSPHONATE * O-ETHYL S-2-DIISOPROPYLAMINOETHYL METHYLPHOSPHONOTHIOTE * ETHYL S-DIMETHYLAMINOETHYL METHYLPHOSPHONOTHIOLATE * METHYLPHOSPHONOTHIOIC ACID S-(2-(BIS(METHYLETHYL)AMINO)ETHYL) O-ETHYL ESTER * VX
TOXICITY DATA AND REFERENCES:
2K12K13 orl-man TDLo:4 ug/kg TXAPA9 27,241,74
skn-hmn LDLo:86 ug/kg WHOTAC -,24,70
3F08H01K13 ivn-man TDLo:1500 ng/kg TXAPA9 27,241,74
1Y01 scu-rat LD50:12 ug/kg AIPTAK 262,231,83
ipr-mus LD50:50 ug/kg WHOTAC -,39,70
* scu-mus LD50:22 ug/kg APJUAB 30,151,80
scu-rbt LD50:15 ug/kg TXAPA9 40(1),109,77
scu-gpg LD50:8400 ng/kg TXAPA9 40(1),109,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB1101500 PHOSPHONOTHIOIC ACID, METHYL-, S-(DIPHENYLMETHYL) O-ETHYL ESTER
UPDT:8402 CAS: 62246-71-3 MW: 306.38 MOLFM: C16-H19-O2-P-S
SYN: S-(DIPHENYLMETHYL) O-ETHYL METHYLPHOSPHONOTHIOATE
TOXICITY DATA AND REFERENCES:
*
orl-mus LD50:25 mg/kg KSKZAN 16,18,78

TB1105000 PHOSPHONOTHIOIC ACID, METHYL-, O-ETHYL ESTER, O-ESTER with 2-CHLORO-4-HYDROXYBENZONITRILE
UPDT:8310 CAS: 17702-61-3 MW: 275.70 MOLFM: C10-H11-Cl-N-O2-P-S
SYN: BAY 51294 * BAYER 51294 * O-(3-CHLORO-4-CYANOPHENYL) O-ETHYL METHYLPHOSPHONOTHIOATE * ENT 27,234 * PHOSPHONOTHIOIC ACID, METHYL-, O-(3-CHLORO-4-CYANOPHENYL) O-ETHYL ESTER
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:10 mg/kg ARSIM* 20,5,66

TB1110000 PHOSPHONOTHIOIC ACID, METHYL-, O-ETHYL O-(p-(ETHYLSULFINYL)PHENYL) ESTER
UPDT:8308 CAS: 2636-23-9 MW: 292.37 MOLFM: C11-H17-O3-P-S2
SYN: BAY 30749 * BAYER 30749 * ENT 25,616
TOXICITY DATA AND REFERENCES:
*
orl-rat LDLo:2500 ug/kg ARSIM* 20,4,66

TB1112000 PHOSPHONOTHIOIC ACID, METHYL-, O-ETHYL O-(p-(ETHYLSULFONYL)PHENYL) ESTER
UPDT:8309 CAS: 3309-71-5 MW: 308.37 MOLFM: C11-H17-O4-P-S2
SYN: BAYER 30750 * ENT 25,617 * O-ETHYL O-(4-(ETHYLSULFONYL)PHENYL) METHYLPHOSPHONOTHIOATE
TOXICITY DATA AND REFERENCES:
*
orl-rat LDLo:2500 ug/kg ARSIM* 20,4,66

TB1120000 PHOSPHONOTHIOIC ACID, METHYL-, O-ETHYL O-(p-(ETHYLTHIO)PHENYL) ESTER
UPDT:8308 CAS: 3186-12-7 MW: 276.37 MOLFM: C11-H17-O2-P-S2
SYN: BAY 30468 * BAYER 30468 * ENT 25,614
TOXICITY DATA AND REFERENCES:
*
orl-rat LDLo:5 mg/kg ARSIM* 20,4,66

TB1160000 PHOSPHONOTHIOIC ACID, METHYL-, O-ETHYL O-(p-(METHYLTHIO)PHENYL) ESTER
UPDT:8308 CAS: 2703-13-1 MW: 262.34 MOLFM: C10-H15-O2-P-S2
SYN: BAYER 29952 * ENT 25,612 * PHOSPHONOTHIOIC ACID, METHYL-, O-ETHYL O-(4-(METHYLTHIO)PHENYL) ESTER (9CI)
TOXICITY DATA AND REFERENCES:
*
orl-rat LDLo:1 mg/kg ARSIM* 20,4,66

PHOSPHONOTHIOIC ACID, METHYL-, O-ETHYL O-(4-(METHYLTHIO)PHENYL) ESTER (9CI) see: TB1160000

TB1450000 PHOSPHONOTHIOIC ACID, METHYL-, O-ETHYL O-6-QUINOLYL ESTER
UPDT:8309 CAS: 58995-43-0 MW: 267.30 MOLFM: C12-H14-N-O2-P-S
SYN: BAY 69588 * BAYER 69588 * ENT 27,399 * O-ETHYL O-6-QUINOLINYL METHYLPHOSPHONOTHIOATE * NSC 190990
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5 mg/kg ARSIM* 20,5,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB1470000 PHOSPHONOTHIOIC ACID, METHYL-, O-(2-(ETHYLTHIO)-6-METHYL-4-PYRIMIDINYL) O-METHYL ESTER
UPDT:8309 CAS: 63815-54-3 MW: 278.35 MOLFM: C9-H15-N2-O2-P-S2
SYN: BAY 45522 * BAYER 45522 * O-(2-(ETHYLTHIO)-6-METHYL-4-PYRIMIDINYL) O-METHYL METHYLPHOSPHONOTHIOATE
TOXICITY DATA AND REFERENCES:
*
orl-rat LDLo:1000 mg/kg ARSIM* 20,5,66

TB1660000 PHOSPHONOTHIOIC ACID, METHYL-, O-METHYL O-(4-(METHYLSULFINYL)-m-TOLYL) ESTER
UPDT:8309 CAS: 6552-19-8 MW: 278.34 MOLFM: C10-H15-O3-P-S2
SYN: BAY 48772 * BAYER 48772 * ENT 27,276 * O-METHYL O-(3-METHYL-4-(METHYLSULFINYL)PHENYL)METHYLPHOSPHONOTHIOATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3 mg/kg ARSIM* 20,5,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB1665000 PHOSPHONOTHIOIC ACID, METHYL-, O-METHYL O-(p-(METHYLSULFONYL)PHENYL) ESTER
UPDT:8308 CAS: 5902-78-3 MW: 280.31 MOLFM: C9-H13-O4-P-S2
SYN: BAYER 30554 * ENT 25,615 * PHOSPHONOTHIOIC ACID, METHYL-, O-METHYL O-(4-(METHYLSULFONYL)PHENYL) ESTER (9CI)
TOXICITY DATA AND REFERENCES:
*
orl-rat LDLo:1 mg/kg ARSIM* 20,4,66

PHOSPHONOTHIOIC ACID, METHYL-, O-METHYL O-(4-(METHYLSULFONYL)PHENYL) ESTER (9CI) see: TB1665000

TB1667000 PHOSPHONOTHIOIC ACID, METHYL-, O-METHYL O-(p-(METHYLTHIO)PHENYL ESTER
UPDT:8308 CAS: 3186-14-9 MW: 248.31 MOLFM: C9-H13-O2-P-S2
SYN: BAY 30237 * BAYER 30237 * ENT 25,613
TOXICITY DATA AND REFERENCES:
*
orl-rat LDLo:1 mg/kg ARSIM* 20,4,66

TB1680000 PHOSPHONOTHIOIC ACID, METHYL-, O-(p-NITROPHENYL) O-PHENYL ESTER
UPDT:8309 CAS: 2665-30-7 MW: 309.29 MOLFM: C13-H12-N-O4-P-S
SYN: COLEP * CP 40294 * ENT 25,787 * PHOSPHONOTHIOIC ACID, METHYL-, O-(4-NITROPHENYL) O-PHENYL ESTER * MONSANTO CP-40294 * O-(4-NITROPHENYL) O-PHENYLMETHYLPHOSPHONOTHIOATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:8 mg/kg ARSIM* 20,15,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHONOTHIOIC ACID, METHYL-, O-(4-NITROPHENYL) O-PHENYL ESTER see: TB1680000

TB1690000 PHOSPHONOTHIOIC ACID, METHYL-, O-(p-NITROPHENYL) O-PROPYL ESTER
UPDT:8309 CAS: 1085-34-3 MW: 275.28 MOLFM: C10-H14-N-O4-P-S
SYN: CP 40273 * ENT 25,786 * MONSANTO CP-40273 * O-(4-NITROPHENYL) O-PROPYLMETHYLPHOSPHONOTHIOATE * PHOSPHONOTHIOIC ACID, METHYL-, O-(4-NITROPHENYL) O-PROPYL ESTER * O-PROPYL-O-(4-NITROPHENYL)METHYLPHOSPHONOTHIONATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3 mg/kg 28ZEAL 5,57,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHONOTHIOIC ACID, METHYL-, O-(4-NITROPHENYL) O-PROPYL ESTER see: TB1690000

TB1700000 PHOSPHONOTHIOIC ACID, METHYL-, O-PHENYL ESTER, O-ESTER with p-HYDROXYBENZONITRILE
UPDT:8309 CAS: 5954-90-5 MW: 289.30 MOLFM: C14-H12-N-O2-P-S
SYN: CP 40507 * O-(4-CYANOPHENYL) O-PHENYL METHYLPHOSPHONOTHIOATE * ENT 25,870 * MONSANTO CP 40507 * PHOSPHONOTHIOIC ACID, METHYL,- O-(4-CYANOPHENYL) O-PHENYL ESTER
TOXICITY DATA AND REFERENCES:
orl-rat LD50:79 mg/kg ARSIM* 20,15,66
orl-gpg LDLo:1 mg/kg JEENAI 61,1261,68
scu-gpg LDLo:5 mg/kg JEENAI 61,1261,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB1717500 PHOSPHONOTHIOIC ACID, PHENYL-, O-(4-BROMO-2,5-DICHLOROPHENYL) O-ETHYL ESTER
UPDT:8411 CAS: 18936-66-8 MW: 426.10 MOLFM: C14-H12-Br-Cl2-O2-P-S
SYN: O-(4-BROMO-2,5-DICHLOROPHENYL) O-ETHYL PHENYLPHOSPHONOTHIOATE * VELSICOL FCS-303
TOXICITY DATA AND REFERENCES:
orl-gpg LDLo:100 mg/kg JEENAI 61,1261,68
scu-gpg LDLo:100 mg/kg JEENAI 61,1261,68

TB1720000 PHOSPHONOTHIOIC ACID, PHENYL-, O-(4-BROMO-2,5-DICHLOROPHENYL) O-METHYL ESTER
UPDT:8412 CAS: 21609-90-5 MW: 412.07 MOLFM: C13-H10-Br-Cl2-O2-P-S
SYN: ABAR * O-(4-BROMO-2,5-DICHLOROPHENYL) O-METHYL PHENYLPHOSPHONOTHIOATE * O-(2,5-DICHLORO-4-BROMOPHENYL) O-METHYL PHENYLTHIOPHOSPHONATE * FOSVEL * K62-105 * LEPTOPHOS * MBCP * O-METHYL-O-(4-BROMO-2,5-DICHLOROPHENYL)PHENYL THIOPHOSPHONATE * O-METHYL O-2,5-DICHLORO-4-BROMOPHENYL PHENYLTHIOPHOSPHONATE * NK 711 * PHENYLPHOSPHONOTHIOIC ACID O-(4-BROMO-2,5-DICHLOROPHENYL) O-METHYL ESTER * PHOSVEL * PSL * V.C.S. * VCS-506 * VELSICOL 506 * VELSICOL VCS 506
MUTATION DATA AND REFERENCES:
sce-ham:ovr 300 umol/L JTEHD6 8,939,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:8125 ug/kg (8-20D preg) OYYAA2 22,373,81
TOXICITY DATA AND REFERENCES:
*
orl-rat LD50:30 mg/kg TJADAB 18,146,78
3D17K12P01 ipr-rat LD50:135 mg/kg OYYAA2 22,373,81
orl-mus LD50:67 mg/kg OYYAA2 3,74,69
scu-mus LD50:120 mg/kg OYYAA2 3,74,69
orl-rbt LD50:124 mg/kg JETOAS 6,70,73
skn-rbt LD50:800 mg/kg JETOAS 6,70,73
3C08F17F19 orl-ckn LD50:4700 mg/kg EXPEAM 30,63,74
*
skn-mam LD50:50 mg/kg GTPZAB 21(7),34,77
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 63,1,76
STATUS:
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0278-0043;8EHQ-0778-0218
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHONOTHIOIC ACID, PHENYL-, O-(4-CYANOPHENYL) O-ETHYL ESTER see: TB1750000

TB1735000 PHOSPHONOTHIOIC ACID, PHENYL-, O-(2,4-DICHLOROPHENYL) O-ETHYL ESTER
UPDT:8411 CAS: 3792-59-4 MW: 347.20 MOLFM: C14-H13-Cl2-O2-P-S
SYN: EPBP * O-ETHYL-O-(2,4-DICHLOROPHENYL) PHOSPHONOTHIONATE * O-ETHYL O-2,4-DICHLOROPHENYL THIONOBENZENEPHOSPHONATE * S-7 * S-SEVEN
TOXICITY DATA AND REFERENCES:
*
orl-mus LD50:274 mg/kg FMCHA2 -,C220,83
scu-mus LD50:784 mg/kg 28ZEAL 5,105,76

TB1736000 PHOSPHONOTHIOIC ACID, PHENYL-, O-(2,5-DICHLOROPHENYL) O-METHYL ESTER
UPDT:8412 MW: 333.17 MOLFM: C13-H11-Cl2-O2-P-S
TOXICITY DATA AND REFERENCES:
*
orl-mus LD50:99 mg/kg JPFCD2 17,611,82

TB1750000 PHOSPHONOTHIOIC ACID, PHENYL-, O-ETHYL ESTER, O-ESTER with p-HYDROXYBENZONITRILE
UPDT:8411 CAS: 13067-93-1 MW: 303.33 MOLFM: C15-H14-N-O2-P-S
SYN: B-10094 * BENZONITRILE, p-HYDROXY-, O-ESTER with O-ETHYL PHENYLPHOSPHONOTHIOATE * CP 19699 * CYANOFENPHOS * CYANOPHENPHOS * O-p-CYANOPHENYL O-ETHYL PHENYL PHOSPHONOTHIOATE * O-(4-CYANOPHENYL) O-ETHYL PHENYLPHOSPHONOTHIOATE * CYP * ENT 25,832 * ENT 25,832-a * O-ETHYL O-4-CYANOPHENYL PHENYLPHOSPHOROTHIOATE * O-ETHYL PHENYLPHOSPHONOTHIOATE, O-ESTER with p-HYDROXYBENZONITRILE * EXPERIMENTAL INSECTICIDE S-4087 * MONSANTO CP 19699 * PHOSPHOROTHIOIC ACID, O-(4-CYANOPHENYL) O-ETHYL PHENYL- * PHOSPHONOTHIOIC ACID, PHENYL-, O-(4-CYANOPHENYL) O-ETHYL ESTER * S 4087 * STAUFFER B-10094 * SURECIDE * UPJOHN U-32714
TOXICITY DATA AND REFERENCES:
orl-rat LD50:79 mg/kg ARSIM* 20,15,66
*
orl-mus LD50:43700 ug/kg FMCHA2 -,C224,83
scu-mus LD50:122 mg/kg GUCHAZ 6,257,73
orl-gpg LDLo:50 mg/kg JEENAI 61,1261,68
scu-gpg LDLo:100 mg/kg JEENAI 61,1261,68
orl-ckn LD50:20 mg/kg TXAPA9 11,49,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB1800000 PHOSPHONOTHIOIC ACID, PHENYL-, O-ETHYL O-(p-(METHYLTHIO)PHENYL) ESTER
UPDT:8412 MW: 324.41 MOLFM: C15-H17-O2-P-S2
TOXICITY DATA AND REFERENCES:
*
orl-mus LD50:41 mg/kg JPFCD2 17,611,82
*
orl-ckn LD50:25 mg/kg JPFCD2 17,611,82

TB1925000 PHOSPHONOTHIOIC ACID, PHENYL-, O-ETHYL O-(p-NITROPHENYL)ESTER
UPDT:8411 CAS: 2104-64-5 MW: 323.32 MOLFM: C14-H14-N-O4-P-S
SYN: O-AETHYL-O-(4-NITRO-PHENYL) PHENYL-MONOTHIOPHOSPHONAT (German) * BENZENEPHOSPHONIC ACID, THIONO-, ETHYL-p-NITROPHENYL ESTER * ENT 17,798 * EPN * EPN 300 * ETHOXY-4-NITROPHENOXYPHENYLPHOSPHINE SULFIDE * O-ETHYL-O-((4-NITRO-FENYL)-FENYL)-MONOTHIOFOSFONAAT (Dutch) * O-ETHYL O-(4-NITROPHENYL)BENZENETHIONOPHOSPHONATE * ETHYL p-NITROPHENYL BENZENETHIONOPHOSPHONATE * ETHYL p-NITROPHENYL BENZENETHIOPHOSPHATE * ETHYL p-NITROPHENYL BENZENETHIOPHOSPHONATE * ETHYL p-NITROPHENYL PHENYLPHOSPHONOTHIOATE * O-ETHYL O-p-NITROPHENYL PHENYLPHOSPHONOTHIOLATE * O-ETHYL O-(4-NITROPHENYL) PHENYLPHOSPHONOTHIOATE * O-ETHYL O-p-NITROPHENYL PHENYLPHOSPHOROTHIOATE * ETHYL p-NITROPHENYL THIONOBENZENEPHOSPHATE * ETHYL p-NITROPHENYL THIONOBENZENEPHOSPHONATE * O-ETHYL PHENYL p-NITROPHENYL THIOPHOSPHONATE * O-ETIL-O-((4-NITRO-FENIL)-FENIL)-MONOTIOFOSFONATO (Italian) * PHENOL, p-NITRO-, O-ESTER with O-ETHYL PHENYL PHOSPHONOTHIOATE * PHENYLPHOSPHONOTHIOATE, O-ETHYL-O-p-NITROPHENYL- * PHENYLPHOSPHONOTHIOIC ACID O-ETHYL O-p-NITROPHENYL ESTER * PHENYLTHIOPHOSPHONATE DE O-ETHYLE ET O-4-NITROPHENYLE (French) * PIN * SANTOX
TOXICITY DATA AND REFERENCES:
orl-rat LD50:8 mg/kg TXAPA9 14,515,69
skn-rat LD50:25 mg/kg TXAPA9 2,88,60
ipr-rat LD50:8 mg/kg PSEBAA 114,509,63
1Y01 orl-mus LD50:14500 ug/kg ABCHA6 25,605,61
ipr-mus LD50:8400 ug/kg IJB3BQ 15,336,78
1Y23 scu-mus LD50:43 mg/kg OIZAAV 71,6099,59
orl-dog LD50:20 mg/kg PCOC** -,478,66
2C08F19 skn-cat LD50:45 mg/kg TOLED5 1000(Sp 1),141,80
2F07K30 skn-rbt LD50:30 mg/kg AFDOAQ 16,3,52
orl-pgn LD50:6 mg/kg TXAPA9 20,57,71
*
orl-ckn LD50:5 mg/kg JPFCD2 17,611,82
ipr-ckn LD50:17 mg/kg BECTA6 18,534,77
orl-qal LD50:5 mg/kg TXAPA9 20,57,71
orl-dck LD50:3 mg/kg TXAPA9 20,57,71
skn-dck LD50:400 mg/kg TXAPA9 47,451,79
orl-bwd LD50:13 mg/kg TXAPA9 20,57,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AQMOAC #73-19,1973; TXAPA9 47,451,79
★ TLV-TWA 500 ug/m3; STEL 2 mg/m3 (skin) DTLVS* 4,169,80
STANDARDS & REGULATIONS:
★ EPA:FARM WORKER FIELD REENTRY FEREAC 39,16888,74

★ OSHA STANDARD-air:TWA 500 ug/m3 (SCP-T) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5012
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB1950000 PHOSPHONOTHIOIC ACID, PHENYL-, O-ETHYL O-(2,4,5-TRICHLOROPHENYL)
UPDT:8412 MW: 381.64 MOLFM: C14-H12-Cl3-O2-P-S
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:178 mg/kg JPFCD2 17,611,82

TB1952000 PHOSPHONOTHIOIC ACID, PHENYL-, O-ETHYL O-(2,4,6-TRICHLOROPHENYL)
UPDT:8412 MW: 381.64 MOLFM: C14-H12-Cl3-O2-P-S
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:112 mg/kg JPFCD2 17,611,82

TB2010000 PHOSPHONOTHIOIC ACID, PHENYL-, O-METHYL O-(p-(METHYLTHIO)PHENYL)
UPDT:8412 MW: 310.38 MOLFM: C14-H15-O2-P-S2
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:10 mg/kg JPFCD2 17,611,82

TB2020000 PHOSPHONOTHIOIC ACID, PHENYL-, O-METHYL O-(p-NITROPHENYL) ESTER
UPDT:8412 MW: 309.29 MOLFM: C13-H12-N-O4-P-S
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:8 mg/kg JPFCD2 17,611,82

TB2030000 PHOSPHONOTHIOIC ACID, PHENYL-, O-METHYL O-(2,4,5-TRICHLOROPHENYL) ESTER
UPDT:8412 MW: 367.61 MOLFM: C13-H10-Cl3-O2-P-S
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:56 mg/kg JPFCD2 17,611,82

TB2040000 PHOSPHONOTHIOIC ACID, PHENYL-, O-METHYL O-(2,4,6-TRICHLOROPHENYL) ESTER
UPDT:8412 MW: 367.61 MOLFM: C13-H10-Cl3-O2-P-S
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:93 mg/kg JPFCD2 17,611,82

TB2050000 PHOSPHONOTHIOIC ACID, PHTHALIMIDO-, O,O-DIETHYL ESTER
UPDT:8310 CAS: 5131-24-8 MW: 299.30 MOLFM: C12-H14-N-O4-P-S
SYN: O,O-DIAETHYL-N-PHTALIMIDO-THIOPHOSPHAT (German) * O,O-DIETHYL (1,2-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)PHOSPHONOTHIOATE * DITALIMFOS * O,O-DIETHYL PHTHALIMIDO-PHOSPHONOTHIOATE * O,O-DIETHYL PHTHALIMIDOTHIOPHOSPHATE * DOWCO-199 * LAPTRAN * M-2452 * PHOSPHONOTHIOIC ACID, (1,2-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)-, O,O-DIETHYL ESTER * PLONDREL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4930 mg/kg FMCHA2 -,C86,83
unk-rat LD50:5000 mg/kg 30ZDA9 -,353,71
orl-rbt LD50:1000 mg/kg 85DPAN -,-,71/76
orl-gpg LD50:5660 mg/kg 28ZEAL 5,86,76
orl-ckn LD50:4500 mg/kg 31ZOAD 1,160,68

TB2100000 PHOSPHONOTHIOIC DICHLORIDE, METHYL-, anhydrous
UPDT:8308 CAS: 676-98-2 MW: 148.97 MOLFM: C-H3-Cl2-P-S
SYN: METHYL PHOSPHONOTHIOIC DICHLORIDE, anhydrous (DOT) * NA 1760 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

TB2200000 PHOSPHONOTHIOIC DICHLORIDE, PHENYL-
CAS: 3497-00-5 MW: 211.04 MOLFM: C6-H5-Cl2-P-S
SYN: DICHLOROPHENYLPHOSPHINE SULFIDE * PHENYL PHOSPHORUS THIODICHLORIDE (DOT) * PHENYLTHIONOPHOSPHONIC DICHLORIDE * UN 2799 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TB2275000 PHOSPHONOTRITHIOIC ACID, METHYL-, DIPROPYL ESTER
UPDT:8309 CAS: 996-05-4 MW: 228.39 MOLFM: C7-H17-P-S3
SYN: S,S-DIPROPYL METHYL PHOSPHONOTRITHIOATE * ENT 25,979 * V-C 3-670 * VIRGINIA-CAROLINA 3-670
TOXICITY DATA AND REFERENCES:
orl-rat LD50:18 mg/kg ARSIM* 20,26,66
orl-ckn LD50:12 mg/kg TXAPA9 11,49,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHONOTRITHIOIC ACID, METHYL-, S-PROPYL S-DIETHYLSUCCINATE see: WM8550000

TB2465000 PHOSPHONOUS DICHLORIDE, ETHYL-
UPDT:8308 CAS: 1498-40-4 MW: 130.94 MOLFM: C2-H5-Cl2-P
SYN: DICHLOROETHYLPHOSPHINE * ETHYL PHOSPHONOUS DICHLORIDE, anhydrous (DOT) * NA 2845 (DOT) * PHOSPHINE, DICHLOROETHYL- * TL 373
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:1990 mg/m3/10M NDRC** NDCrc-132,Sept,42
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

TB2475000 PHOSPHONOUS DICHLORIDE, METHYL-
UPDT:8308 CAS: 676-83-5 MW: 116.91 MOLFM: C-H3-Cl2-P
SYN: METHYLPHOSPHONOUS DICHLORIDE * METHYL PHOSPHONOUS DICHLORIDE (DOT) * NA 2845 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TB2478000 PHOSPHONOUS DICHLORIDE, PHENYL-
UPDT:8401 CAS: 644-97-3 MW: 178.98 MOLFM: C6-H5-Cl2-P
SYN: DICHLOROPHENYLPHOSPHINE * PHENYLDICHLOROPHOSPHINE * PHENYLPHOSPHINE DICHLORIDE * PHENYLPHOSPHONOUS ACID DICHLORIDE * PHENYLPHOSPHONOUS DICHLORIDE * PHENYL PHOSPHORUS DICHLORIDE * PHENYL PHOSPHORUS DICHLORIDE (DOT) * UN 2798 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PHOSPHOPYRON see: TF8225000
PHOSPHOPYRONE see: TF8225000
PHOSPHORAMIDE MUSTARD see: TD2530000
PHOSPHORAMIDE, N,N',N'-TRIETHYLENE- see: SZ1750000

TB2639000 PHOSPHORAMIDIC ACID, N-AMIDINO- DIBUTYL ESTER
UPDT:8402 MW: 251.31 MOLFM: C9-H22-N3-O3-P
SYN: N-AMIDINOPHOSPHORAMIDIC ACID DIBUTYL ESTER
TOXICITY DATA AND REFERENCES:
* unk-mam LDLo:100 mg/kg JPMSAE 55,966,66

PHOSPHORAMIDIC ACID, 4-tert-BUTYL-2-CHLOROPHENYLPHOSPHORAMIDATE see: TB3850000

TB2822000 PHOSPHORAMIDIC ACID, (3,4-DIMETHOXYPHENETHYL)-, DIETHYL ESTER
UPDT:8312 CAS: 7761-63-9 MW: 317.36 MOLFM: C14-H24-N-O5-P
SYN: DIETHYL N-(2-(3,4-DIMETHOXYPHENYL)ETHYL) PHOSPHORAMIDATE * N-(3,4-DIMETHOXYPHENETHYL)PHOSPHORAMIDIC ACID DIETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:150 mg/kg JPMSAE 55,1400,66
* ivn-mus LD50:180 mg/kg CSLNX* NX#04150

TB2823000 PHOSPHORAMIDIC ACID, (3,4-DIMETHOXYPHENETHYL)-, DIPHENYL ESTER
UPDT:8312 CAS: 7761-68-4 MW: 413.44 MOLFM: C22-H24-N-O5-P
SYN: N-(3,4-DIMETHOXYPHENETHYL)PHOSPHORAMIDIC ACID DIPHENYL ESTER * DIPHENYL N-(2-(3,4-DIMETHOXYPHENYL)ETHYL) PHOSPHOBAMIDATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:100 mg/kg JPMSAE 55,1400,66
* ivn-mus LD50:100 mg/kg CSLNX* NX#04151

PHOSPHORAMIDIC ACID, (4,5-DIMETHYL-1,3-DITHIOLAN-2-YLIDENE)-, DIETHYL ESTER see: NJ6410000
PHOSPHORAMIDIC ACID, 1,3-DITHIAN-2-YLIDENE-, DIMETHYL ESTER see: NJ6472000
PHOSPHORAMIDIC ACID, 1,3-DITHIETAN-2-YLIDENE-, DIETHYL ESTER see: NJ6490000
PHOSPHORAMIDIC ACID, 1,3-DITHIOLAN-2-YLIDENE-, DIETHYL ESTER see: NJ6475000
PHOSPHORAMIDIC ACID, 1,3-DITHIOLAN-2-YLIDENE-, DIMETHYL ESTER see: NJ6470000
PHOSPHORAMIDIC ACID, (4-ETHYL-1,3-DITHIOLAN-2-YLIDENE)-, DIETHYL ESTER see: NJ6430000

TB3540000 PHOSPHORAMIDIC ACID, N-(beta-HYDROXY-alpha-METHYLPHENETHYL)-, DIETHYL ESTER
UPDT:8312 MW: 287.33 MOLFM: C13-H22-N-O4-P
SYN: N-(beta-HYDROXY-alpha-METHYLPHENETHYL)PHOSPHORAMIDIC ACID DIETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:100 mg/kg JPMSAE 55,1400,66

TB3675000 PHOSPHORAMIDIC ACID, ISOPROPYL-, 4-(METHYLTHIO)-m-TOLYL ETHYL ESTER
UPDT:8403 CAS: 22224-92-6 MW: 303.39 MOLFM: C13-H22-N-O3-P-S
SYN: O-AETHYL-O-(3-METHYL-4-METHYLTHIOPHENYL)-ISOPROPYLAMIDO-PHOSPHORSAEUREESTER (German) * BAY 68138 * ENT 27572 * ETHYL 3-METHYL-4-(METHYLTHIO)PHENYL(1-METHYLETHYL)PHOSPHORAMIDATE * ETHYL 4-(METHYLTHIO)-m-TOLYL ISOPROPYLPHOSPHORAMIDATE * FENAMIPHOS * ISOPROPYLAMINO-O-ETHYL-(4-METHYLMERCAPTO-3-METHYLPHENYL)PHOSPHATE * 1-(METHYLETHYL)-ETHYL 3-METHYL-4-(METHYLTHIO)PHENYL PHOSPHORAMIDATE * NEMACUR * NEMACUR P * NSC 195106 * PHENAMIPHOS * PHOSPHORAMIDIC ACID, (1-METHYLETHYL)-, ETHYL (3-METHYL-4-(METHYLTHIO)PHENYL) ESTER * SRA 3886
TOXICITY DATA AND REFERENCES:
orl-rat LD50:8 mg/kg BESAAT 15,116,69
ihl-rat LC50:91 mg/m3/4H 85DPAN -,-,71/76
orl-mus LD50:22700 ug/kg 85DPAN -,-,71/76
orl-dog LD50:10 mg/kg 28ZEAL 5,112,76
orl-cat LD50:10 mg/kg 85DPAN -,-,71/76
* orl-rbt LD50:10 mg/kg DTLWS* 4,191,82
* skn-rbt LD50:178 mg/kg DTLWS* 4,191,82
orl-gpg LD50:75 mg/kg 28ZEAL 5,112,76
orl-dck LD50:1680 ug/kg TXAPA9 47,451,79
skn-dck LD50:24 mg/kg TXAPA9 47,451,79
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 63,1,76
★ TLV-TWA 100 ug/m3 DTLWS* 4,191,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB3850000 PHOSPHORAMIDIC ACID, METHYL-, 4-tert-BUTYL-2-CHLOROPHENYL METHYL ESTER
UPDT:8408 CAS: 299-86-5 MW: 291.74 MOLFM: C12-H19-Cl-N-O3-P
SYN: AMIDOFOS * AMIDOPHOS * 4-t-BUTYL-2-CHLOROPHENYL METHYL METHYLPHOSPHORAMIDATE * CRUFOMAT * CRUFOMATE * CRUFOMATE A * DOWCO 132 * ENT 25,602-X * M-1261 * O-METHYL O-2-CHLORO-4-tert-BUTYLPHENYL N-METHYLAMIDOPHOSPHATE * METHYLPHOSPHORAMIDIC ACID, 4-t-BUTYL-2-CHLOROPHENYL METHYL ESTER * MONTREL * PHENOL, 4-t-BUTYL-2-CHLORO-, ESTER with METHYL METHYLPHOSPHORAMIDATE * PHOSPHORAMIDIC ACID, 4-tert-BUTYL-2-CHLOROPHENYLPHOSPHORAMIDATE * PHOSPHORAMIDIC ACID, METHYL-, 2-CHLORO-4-(1,1-DIMETHYLETHYL)PHENYL METHYL ESTER * RUELENE * RUELENE DRENCH * RUELENE 25E * RULENE * O-(4-TERT. BUTYL-2-CHLOOR-FENYL)-O-METHYL-FOSFORZUUR-N-METHYL-AMIDE (Dutch) * 4-TERT. BUTYL 2-CHLOROPHENYL METHYLPHOSPHORAMIDATE DE METHYLE (French) * O-(4-tert-BUTYL-2-CHLOROPHENYL) O-METHYL N-METHYLAMIDO PHOSPHATE * O-(4-TERT-BUTYL-2-CHLOR-PHENYL)-O-METHYL-PHOSPHORSAEURE-N-METHYLAMID (German) * O-(4-TERZ.-BUTIL-2-CLORO-FENIL)-O-METIL-FOSFORAMMIDE (Italian)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T21T22 skn-mus TDLo:100 mg/kg (2D pre) JPFCD2 13,169,78
3T16T76T81 skn-mus TDLo:100 mg/kg (2D pre) JPFCD2 16,141,81
1T72 skn-mus TDLo:200 mg/kg (2D pre) JPFCD2 16,141,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:460 mg/kg TXAPA9 14,515,69
* ihl-rat LCLo:12 mg/m3/4H 85GMAT -,29,82
unk-rat LD50:770 mg/kg 30ZDA9 -,317,71
orl-rbt LD50:400 mg/kg 28ZEAL 5,59,76
skn-rbt LD50:2000 mg/kg SPEADM 78-1,37,78
3E08K12M10 orl-gpg LD50:1000 mg/kg FCTXAV 6,185,68
orl-ckn LD50:218 mg/kg TXAPA9 3,521,61
3F07F15F23 orl-mam LD50:251 mg/kg VETNAL (12),94,78
orl-bwd LD50:100 mg/kg TXAPA9 21,315,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 46,1,73; RREVAH 63,1,76
★ TLV-TWA 5 mg/m3; STEL 20 mg/m3 DTLVS* 4,107,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORAMIDIC ACID, METHYL-, 2-CHLORO-4-(1,1-DIMETHYLETHYL)PHENYL METHYL ESTER see: TB3850000
PHOSPHORAMIDIC ACID, METHYL-, 2-CHLORO-4-(1,1-DIMETHYLPROPYL)PHENYL METHYL ESTER see: TB3900000

TB3900000 PHOSPHORAMIDIC ACID, METHYL-, 2-CHLORO-4-t-PENTYLPHENYL METHYL ESTER
UPDT:8309 CAS: 4492-96-0 MW: 305.77 MOLFM: C13-H21-Cl-N-O3-P
SYN: 2-CHLORO-4-(1,1-DIMETHYLPROPYL)PHENYL METHYL METHYLPHOSPHORAMIDATE * DOWCO-183 * ENT 27,192 * PHOSPHORAMIDIC ACID, METHYL-, 2-CHLORO-4-(1,1-DIMETHYLPROPYL)PHENYL METHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:500 mg/kg ARSIM* 20,19,66
scu-gpg LDLo:100 mg/kg JEENAI 61,1261,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORAMIDIC ACID, (4-METHYL-1,3-DITHIOLAN-2-YLIDENE)-, DIETHYL ESTER see: JP1050000
PHOSPHORAMIDIC ACID, (1-METHYLETHYL)-, ETHYL (3-METHYL-4-(METHYLTHIO)PHENYL) ESTER see: TB3675000

TB3962500 PHOSPHORAMIDIC ACID, N-(alpha-METHYLPHENETHYL)-, DIPHENYL ESTER
UPDT:8312 CAS: 7761-65-1 MW: 367.41 MOLFM: C21-H22-N-O3-P
SYN: DIPHENYL N-(1-METHYL-2-PHENYLETHYL)PHOSPHORAMIDATE * N-(alpha-METHYLPHENETHYL)PHOSPHORAMIDIC ACID DIPHENYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:100 mg/kg JPMSAE 55,1400,66
* ivn-mus LD50:180 mg/kg CSLNX* NX#03806

TB3963900 PHOSPHORAMIDIC ACID, PHENYL-, DIBUTYL ESTER
UPDT:8405 MW: 285.36 MOLFM: C14-H24-N-O3-P
SYN: DI-n-BUTYL ANILIDOPHOSPHATE * PHENYLPHOSPHORAMIDIC ACID DIBUTYL ESTER
TOXICITY DATA AND REFERENCES:
3F12F23K30 ipr-mus LDLo:400 mg/kg JAPMA8 42,495,53

TB3964000 PHOSPHORAMIDIC ACID, PHENYL-, DIETHYL ESTER
UPDT:8405 MW: 229.24 MOLFM: C10-H16-N-O3-P

SYN: DIETHYL ANILIDOPHOSPHATE * PHENYLPHOSPHORAMIDIC ACID DIETHYL ESTER

TOXICITY DATA AND REFERENCES:

3F13F23K30	ipr-mus LDLo:666 mg/kg	JAPMAB 42,495,53

TB3964100 PHOSPHORAMIDIC ACID, PHENYL-, DIISOBUTYL ESTER

UPDT:8405 MW: 285.36 MOLFM: C14-H24-N-O3-P

SYN: DIISOBUTYL ANILIDOPHOSPHATE * PHENYLPHOSPHORAMIDIC ACID DIISOBUTYL ESTER

TOXICITY DATA AND REFERENCES:

3F13F23K30	ipr-mus LDLo:2000 mg/kg	JAPMAB 42,495,53

TB3964200 PHOSPHORAMIDIC ACID, PHENYL-, DIISOPENTYL ESTER

UPDT:8405 MW: 313.42 MOLFM: C16-H28-N-O3-P

SYN: DIISOAMYL ANILIDOPHOSPHATE * PHENYLPHOSPHORAMIDIC ACID DIISOPENTYL ESTER

TOXICITY DATA AND REFERENCES:

3F13F23K30	ipr-mus LDLo:2000 mg/kg	JAPMAB 42,495,53

TB3964300 PHOSPHORAMIDIC ACID, PHENYL-, DIISOPROPYL ESTER

UPDT:8405 MW: 257.30 MOLFM: C12-H20-N-O3-P

SYN: DIISOPROPYL ANILIDOPHOSPHATE * PHENYLPHOSPHORAMIDIC ACID DIISOPROPYL ESTER

TOXICITY DATA AND REFERENCES:

3F13F23K30	ipr-mus LDLo:1500 mg/kg	JAPMAB 42,495,53

TB3964400 PHOSPHORAMIDIC ACID, PHENYL-, DIPENTYL ESTER

UPDT:8405 MW: 313.42 MOLFM: C16-H28-N-O3-P

SYN: DI-n-AMYL ANILIDOPHOSPHATE * PHENYLPHOSPHORAMIDIC ACID DIPENTYL ESTER

TOXICITY DATA AND REFERENCES:

3F13F23K30	ipr-mus LDLo:750 mg/kg	JAPMAB 42,495,53

TB3964500 PHOSPHORAMIDIC ACID, PHENYL-, DIPHENYL ESTER

UPDT:8405 MW: 325.32 MOLFM: C18-H16-N-O3-P

SYN: DIPHENYL ANILIDOPHOSPHATE * PHENYLPHOSPHORAMIDIC ACID DIPHENYL ESTER

TOXICITY DATA AND REFERENCES:

3F13F23K30	ipr-mus LDLo:2500 mg/kg	JAPMAB 42,495,53

TB3964600 PHOSPHORAMIDIC ACID, PHENYL-, DIPROPYL ESTER

UPDT:8405 MW: 257.30 MOLFM: C12-H20-N-O3-P

SYN: DI-n-PROPYL ANILIDOPHOSPHATE * PHENYLPHOSPHORAMIDIC ACID DIPROPYL ESTER

TOXICITY DATA AND REFERENCES:

3F13F23K30	ipr-mus LDLo:500 mg/kg	JAPMAB 42,495,53

TB4550000 PHOSPHORAMIDOCYANIDIC ACID, DIMETHYL-, ETHYL ESTER

UPDT:8406 CAS: 77-81-6 MW: 162.15 MOLFM: C5-H11-N2-O2-P

SYN: DIMETHYLAMIDOETHOXYPHOSPHORYL CYANIDE * DIMETHYLPHOSPHORAMIDOCYANIDIC ACID, ETHYL ESTER * ETHYL DIMETHYLAMIDOCYANOPHOSPHATE * ETHYL N,N-DIMETHYLPHOSPHORAMIDOCYANIDATE * ETHYL N,N-DIMETHYLAMINO CYANOPHOSPHATE * GA * Le-100 * MCE * T-2104 * TL 1578 * TABUN

TOXICITY DATA AND REFERENCES:

	ihl-hmn LCLo:150 mg/m3	SCJUAD 4,33,67
	skn-hmn LDLo:23 mg/kg	SCJUAD 4,33,67
	ivn-hmn LDLo:14 ug/kg	SCJUAD 4,33,67
	orl-rat LD50:3700 ug/kg	NTIS** PB158-508
	skn-rat LDLo:18 mg/kg	NTIS** PB158-508
1Y01	scu-rat LD50:193 ug/kg	AIPTAK 262,231,83
	ivn-rat LD50:66 ug/kg	NTIS** PB158-508
	ims-rat LD50:800 ug/kg	JCINAO 37,350,58
	skn-mus LD50:1 mg/kg	NTIS** PB158-508
*	ipr-mus LD50:604 ug/kg	11FYAN 3,69,63
	scu-mus LD50:250 ug/kg	APJUAB 30,151,80
	ivn-mus LD50:150 ug/kg	NTIS** PB158-508
	ims-mus LD50:440 ug/kg	AIPTAK 204,110,73
	orl-dog LDLo:5 mg/kg	NTIS** PB158-508
	skn-dog LDLo:30 mg/kg	NTIS** PB158-508
	ivn-dog LD50:84 ug/kg	JPETAB 132,50,61
	skn-mky LD50:9 mg/kg	NTIS** PB158-508
	orl-rbt LD50:16 mg/kg	NTIS** PB158-508
	skn-rbt LD50:35 mg/kg	NTIS** PB158-508
	scu-rbt LD50:500 ug/kg	NTIS** PB158-508
	ivn-rbt LD50:100 ug/kg	NTIS** PB158-508
	skn-gpg LD50:35 mg/kg	NTIS** PB158-508
	scu-gpg LD50:120 mg/kg	TXAPA9 40,109,77
	skn-dom LD50:3 mg/kg	NTIS** PB158-508

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RREVAH 46,1,73

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB4680000 PHOSPHORAMIDODITHIOIC ACID, BUTYL-, O-ETHYL S-PHENYL ESTER

UPDT:8408 CAS: 4205-52-1 MW: 289.42 MOLFM: C12-H20-N-O-P-S2

SYN: O-ETHYL S-PHENYL N-BUTYLAMIDODITHIOPHOSPHATE * PHOSBUTYL

TOXICITY DATA AND REFERENCES:

	unk-rat LD50:300 mg/kg	30ZDA9 -,375,71

TB4700000 PHOSPHORAMIDOFLUORIDIC ACID, DIMETHYL-

UPDT:8407 CAS: 63815-57-6 MW: 127.07 MOLFM: C2-H7-F-N-O2-P

SYN: DIMETHYLAMINO FLUOROPHOSPHATE

TOXICITY DATA AND REFERENCES:

*	par-rat LD50:3 mg/kg	FEPRA7 10,292,51

TB4725000 PHOSPHORAMIDOTHIOIC ACID, ACETIMIDOYL-, O,O-BIS(p-CHLOROPHENYL) ESTER

UPDT:8309 CAS: 4104-14-7 MW: 375.22 MOLFM: C14-H13-Cl2-N2-O2-P-S

SYN: BAY 38819 * BAYER 38819 * O,O-BIS(p-CHLOROPHENYL)ACETIMIDOYLPHOSPHORAMIDOTHIOATE * DRC-714 * GOPHACIDE * PHOSAZETIM

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3700 ug/kg	FMCHA2 -,C117,83
*	skn-rat LD50:25 mg/kg	FMCHA2 -,C117,83
1Y01	ipr-rat LD50:3500 ug/kg	AIPTAK 169,108,67
	orl-mus LD50:12 mg/kg	TXAPA9 25,42,73
1Y01	ipr-mus LD50:5500 ug/kg	AIPTAK 169,108,67
	orl-dog LD50:23 mg/kg	PCOC** -,107,66
1Y01	orl-gpg LD50:20 mg/kg	AIPTAK 169,108,67
1Y01	ipr-gpg LD50:14 mg/kg	AIPTAK 169,108,67
	orl-pgn LD50:15 mg/kg	TXAPA9 21,315,72
	orl-bwd LD50:4 mg/kg	TXAPA9 21,315,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB4760000 PHOSPHORAMIDOTHIOIC ACID, N-ACETYL-, O,S-DIMETHYL ESTER

UPDT:8408 CAS: 30560-19-1 MW: 183.18 MOLFM: C4-H10-N-O3-P-S

SYN: ACEPHAT (German) * ACEPHATE * ACETYLPHOSPHORAMIDOTHIOIC ACID O,S-DIMETHYL ESTER * CHEVRON RE 12,420 * O,S-DIMETHYLACETYLPHOSPHOROAMIDOTHIOATE * ENT 27822 * ORTHENE * ORTHENE 755 * ORTHO 12420 * ORTRAN * ORTRIL * RE 12420

MUTATION DATA AND REFERENCES:

mma-sat 3 mg/plate	NTIS** PB80-133226
mma-sat 50 mg/plate	MUREAV 116,185,83
mma-esc 5 ul/plate	MUREAV 28,405,75
mma-smc 3 pph	NTIS** PB84-138973
mrc-smc 50000 ppm	NTIS** PB80-133226
dns-hmn:fbr 1 gm/L	NTIS** PB80-133226
msc-mus:lym 1 gm/L	NTIS** PB84-138973
sce-ham:ovr 2 gm/L	NTIS** PB84-138973

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:233 mg/kg	CHYCDW 14,226,80
	orl-rat LD50:700 mg/kg	BSESA3 9,4,76
	orl-dog LDLo:681 mg/kg	GUCHAZ 6,1,73
	skn-rbt LD50:2000 mg/kg	85DPAN -,-,71/76
	orl-ckn LD50:852 mg/kg	28ZEAL 5,4,76
	orl-dck LD50:350 mg/kg	28ZEAL 5,4,76
3F12F19J22	orl-brd LD50:106 mg/kg	AECTCV 10,185,81

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

PHOSPHORAMIDOTHIOIC ACID, (4,5-DIMETHYL-1,3-DITHIOLAN-2-YLIDENE)-, O,O-DIETHYL ESTER see: NJ6380000

TB4970000 PHOSPHORAMIDOTHIOIC ACID, O,S-DIMETHYL ESTER

UPDT:8403 CAS: 10265-92-6 MW: 141.14 MOLFM: C2-H8-N-O2-P-S

SYN: ACEPHATE-MET * BAY 71628 * BAYER 71628 * CHEVRON 9006 * CHEVRON ORTHO 9006 * O,S-DIMETHYL ESTER AMIDE of AMIDOTHIOATE * O,S-DIMETHYL PHOSPHORAMIDOTHIOATE * ENT 27,396 * HAMIDOP * METAMIDOFOS ESTRELLA * METHAMIDOPHOS * MONITOR * MTD * NSC 190987 * ORTHO 9006 * PILLARON * SRA 5172 * TAHMABON * TAMARON * THIOPHOSPHORSAEURE-O,S-DIMETHYLESTERAMID (German)

TOXICITY DATA AND REFERENCES:

3C09D15P20	orl-man TDLo:429 mg/kg	NEJMAG 306,125,82
3C09D15R20	orl-wmn TDLo:600 mg/kg	NEJMAG 306,125,82
	orl-rat LD50:7500 ug/kg	ARSIM* 20,7,66
	ihl-rat LD50:9 mg/kg	TXAPA9 45,232,78
	skn-rat LD50:50 mg/kg	28ZEAL 5,149,76
3D17F12R21	ipr-rat LD50:15 mg/kg	PCBPBS 13,267,80
	orl-mus LD50:30 mg/kg	28ZEAL 5,149,76
	ihl-mus LD50:19 mg/kg	TXAPA9 45,232,78
	orl-rbt LD50:10 mg/kg	28ZEAL 5,149,76
	skn-rbt LD50:118 mg/kg	GUCHAZ 6,333,73
	orl-gpg LD50:30 mg/kg	28ZEAL 5,149,76
	scu-gpg LDLo:10 mg/kg	JEENAI 62,934,69
	orl-ckn LD50:25 mg/kg	28ZEAL 5,149,76
3F12F19J22	orl-brd LD50:8 mg/kg	AECTCV 10,185,81

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORAMIDOTHIOIC ACID, 1,3-DITHIAN-2-YLIDENE-, O,O-DIMETHYL ESTER see: NJ6460000

PHOSPHORAMIDOTHIOIC ACID, 1,3-DITHIOLAN-2-YLIDENE-, DIETHYL ESTER see: NJ6400000

PHOSPHORAMIDOTHIOIC ACID, 1,3-DITHIOLAN-2-YLIDENE-, O,O-DIETHYL ESTER see: NJ6400000

PHOSPHORAMIDOTHIOIC ACID, 1,3-DITHIOLAN-2-YLIDENE-, O,O-DIMETHYL ESTER see: NJ6450000

TB4980000 PHOSPHORAMIDOTHIOIC ACID, (ETHYL(2-HYDROXYETHYL)-THIOCARBAMOYL)-, O,O-DIMETHYL ESTER

UPDT:8309 CAS: 63815-58-7 MW: 272.35 MOLFM: C7-H17-N2-O3-P-S2

SYN: B 9381 * O,O-DIMETHYL((ETHYL-(2-HYDROXYETHYL)AMINO)THIOXOMETHYL)PHOSPHORAMIDOTHIOATE * ENT 27,023 * STAUFFER B-9381

TOXICITY DATA AND REFERENCES:

orl-rat LD50:17 mg/kg	ARSIM* 20,21,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB5000000 PHOSPHORAMIDOTHIOIC ACID, O-ETHYL S-METHYL ESTER

UPDT:8309 CAS: 10265-93-7 MW: 155.17 MOLFM: C3-H10-N-O2-P-S

SYN: BAY 65258 * BAYER 65258 * ENT 27,398 * O-ETHYL S-METHYL PHOSPHORAMIDOTHIOATE * NSC 190989

TOXICITY DATA AND REFERENCES:

orl-rat LD50:5 mg/kg	ARSIM* 20,5,66
orl-gpg LDLo:5 mg/kg	JEENAI 61,1261,68
scu-gpg LDLo:5 mg/kg	JEENAI 61,1261,68

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB5050000 PHOSPHORAMIDOTHIOIC ACID, ((2-HYDROXYETHYL)METHYLTHIOCARBAMOYL)-, O,O-DIMETHYL ESTER

UPDT:8309 CAS: 17702-63-5 MW: 258.32 MOLFM: C6-H15-N2-O3-P-S2

SYN: B 10288 * ENT 27,239 * STAUFFER B-10288

TOXICITY DATA AND REFERENCES:

orl-rat LD50:12 mg/kg	ARSIM* 20,21,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB5075000 PHOSPHORAMIDOTHIOIC ACID, ISOPROPYL-, O-(2,4-DICHLOROPHENYL) O-METHYL ESTER

UPDT:8403 CAS: 299-85-4 MW: 314.18 MOLFM: C10-H14-Cl2-N-O2-P-S

SYN: O-(2,4-DICHLOROPHENYL) O-METHYL ISOPROPYLPHOSPHORAMIDOTHIOATE * O-(2,4-DICHLOROPHENYL) O-METHYL N-ISOPROPYLPHOSPHORAMIDOTHIOATE * DMPA * DOW 1329 * DOWCO 118 * ENT 25647 * (1-METHYLETHYL)PHOSPHORAMIDOTHIOIC ACID O-(2,4-DICHLOROPHENYL) O-METHYL ESTER * ISOPROPYLPHOSPHORAMIDOTHIOIC ACID, O-2,4-DICHLOROPHENYL O-METHYL ESTER * K 22023 * OMS 115 * PHENOL, 2,4-DICHLORO-, O-ESTER with O-METHYL ISOPROPYLPHOSPHORAMIDOTHIOATE * ZYTRON

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:270 mg/kg	FMCHA2 -,C260,83
	unk-dog LD50:1000 mg/kg	30ZDA9 -,353,71
	skn-rbt LD50:1680 mg/kg	GUCHAZ 6,242,73
	orl-gpg LD50:210 mg/kg	31ZOAD 1,191,68
	orl-ckn LD50:1357 mg/kg	TXAPA9 6,147,64
	unk-ckn LD50:2000 mg/kg	GUCHAZ 6,242,73
	orl-bwd LD50:100 mg/kg	TXAPA9 21,315,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORAMIDOTHIOIC ACID, ISOPROPYL-, O-ETHYL O-(2-ISOPROPOXYCARBONYLPHENYL) ESTER see: VO4395500

TB5100000 PHOSPHORAMIDOTHIOIC ACID, N-ISOPROPYL-, O-METHYL O-(2-NITRO-p-TOLYL) ESTER

UPDT:8310 CAS: 36001-88-4 MW: 304.33 MOLFM: C11-H17-N2-O4-P-S

SYN: AMIPROFOS-METHYL * BAY NTN80 * BAY NTN6867 * O-METHYL O-(4-METHYL-2-NITROPHENYL) (1-METHYLETHYL)PHOSPHORAMIDOTHIOATE * NTN 80 * NTN 6867 * TOKUNOL M

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:309 mg/kg	85ARAE 2,212,77
*	orl-mus LD50:540 mg/kg	SHBOAO 32,488,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORAMIDOTHIOIC ACID, (4-METHYL-1,3-DITHIOLAN-2-YLIDENE)-, DIMETHYL ESTER see: NJ6455000

TB5600000 PHOSPHORAMIDOTHIOIC ACID, METHYL-, O-ETHYL O-(4-(METHYLTHIO)-m-TOLYL) ESTER

UPDT:8310 CAS: 3568-56-7 MW: 291.39 MOLFM: C11-H18-N-O2-P-S2

SYN: BAY 34042 * BAYER 34042 * m-CRESOL, 4-(METHYLTHIO)-, O-ESTER with O-ETHYL METHYLPHOSPHORAMIDOTHIOATE * ENT 25,610 * O-ETHYL O-(4-METHYLTHIO-m-TOLYL) METHYLPHOSPHORAMIDOTHIOATE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:5 mg/kg	TXAPA9 21,315,72
orl-bwd LD50:320 ug/kg	TXAPA9 21,315,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB5950000 PHOSPHORAMIDOTHIOIC ACID, O-METHYL O-(2,4,5-TRICHLOROPHENYL) ESTER

UPDT:8307 CAS: 2591-66-4 MW: 306.53 MOLFM: C7-H7-Cl3-N-O2-P-S

SYN: DOW ET-15 * ENT 23,285 * ET-15 * O-METHYL O-(2,4,5-TRICHLOROPHENYL) AMIDOPHOSPHOROTHIOATE * O-METHYL O-(2,4,5-TRICHLOROPHENYL) AMIDOTHIOPHOSPHATE * O-METHYL O-2,4,5-TRICHLOROPHENYL PHOSPHORAMIDOTHIOATE * O-METHYL O-(2,4,5-TRICHLOROPHENYL) PHOSPHOROAMIDOTHIOATE * OMS 3 * PHENOL, 2,4,5-TRICHLORO-, O-ESTER with O-METHYL PHOSPHORAMIDOTHIOATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:700 mg/kg ARSIM* 20,9,66

PHOSPHORAMIDOTHIOIC ACID, 1,3-OXATHIOLAN-2-YLIDENE-, 0,0-DIMETHYL ESTER see: NJ6465000

TB5963000 PHOSPHORAMIDOTHIOIC ACID, PHENYL-, 0,0-DIETHYL ESTER
UPDT:8405 MW: 245.30 MOLFM: C10-H16-N-O2-P-S
SYN: DIETHYL ANILIDOTHIOPHOSPHATE * PHENYLPHOSPHORAMIDOTHIOIC ACID O,O-DIETHYL ESTER
TOXICITY DATA AND REFERENCES:
3F13F23K30 ipr-mus LDLo:500 mg/kg JAPMA8 42,495,53

TB6000000 PHOSPHORAMIDOUS ACID, N,N-DIETHYL-, CYCLIC PROPYLENE ESTER
UPDT:8407 CAS: 3440-92-4 MW: 177.21 MOLFM: C7-H16-N-O2-P
SYN: 1,3,2-DIOXAPHOSPHOLANE, 2-DIETHYLAMINO-
TOXICITY DATA AND REFERENCES:
1F07 orl-mus LD50:3900 mg/kg AMIHAB 11,487,55

TB6050000 PHOSPHORAMIDOUS ACID, N,N-DIISOPROPYL-, DIBUTYL ESTER
UPDT:8407 CAS: 63815-59-8 MW: 277.44 MOLFM: C14-H32-N-O2-P
SYN: DIBUTYL DIISOPROPYLAMIDOPHOSPHITE
TOXICITY DATA AND REFERENCES:
1F07 orl-mus LD50:9100 mg/kg AMIHAB 11,487,55

TB6125000 PHOSPHORANE, PENTACHLORO-
UPDT:8404 CAS: 10026-13-8 MW: 208.22 MOLFM: Cl5-P
SYN: FOSFORO(PENTACLORURO DI) (Italian) * FOSFORPENTACHLORIDE (Dutch) * PIECIOCHLOREK FOSFORU (Polish) * PHOSPHORE(PENTACHLORURE DE) (French) * PHOSPHORIC CHLORIDE * PHOSPHOROUS PENTACHLORIDE * PHOSPHORPENTACHLORID (German) * PHOSPHORUS PENTACHLORIDE * PHOSPHORUS PENTACHLORIDE, SOLID (DOT) * PHOSPHORUS PERCHLORIDE * UN 1806 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:660 mg/kg TNICS* 13,104,73
ihl-rat LC50:205 mg/m3 TNICS* 13,105,73
REVIEW AND REFERENCES:
★ TLV-TWA 100 ppb DTLVS* 4,339,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg/m3 (SCP-R) FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 S257#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB6180000 PHOSPHORAZIDOTHIOIC ACID, O,O-DIETHYL ESTER
UPDT:8401 CAS: 1516-67-2 MW: 195.20 MOLFM: C4-H10-N3-O2-P-S
SYN: BAYER 13242 * DI-O-ETHYL AZIDOTHIOPHOSPHATE * O,O-DIETHYL PHOSPHORAZIDOTHIOATE * ENT 24,987
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5 mg/kg ARSIM* 20,2,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORE BLANC (French) see: TH3500000
PHOSPHORE(PENTACHLORURE DE) (French) see: TB6125000
PHOSPHORE(TRICHLORURE DE) (French) see: TH3675000

TB6300000 PHOSPHORIC ACID
UPDT:8407 CAS: 7664-38-2 MW: 98.00 MOLFM: H3-O4-P
SYN: ACIDE PHOSPHORIQUE (French) * ACIDO FOSFORICO (Italian) * FOSFORZUUROPLOSSINGEN (Dutch) * ORTHOPHOSPHORIC ACID * PHOSPHORIC ACID (DOT) * o-PHOSPHORIC ACID, liquid (DOT) * o-PHOSPHORIC ACID, solid (DOT) * PHOSPHORSAEURELOESUNGEN (German) * UN 1805 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 595 mg/24H SEV BIOFX* 17-4/70
eye-rbt 119 mg SEV BIOFX* 17-4/70
TOXICITY DATA AND REFERENCES:
unk-man LDLo:220 mg/kg 85DCAI 2,73,70
orl-rat LD50:1530 mg/kg BIOFX* 17-4/70
skn-rbt LD50:2740 mg/kg BIOFX* 17-4/70
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARTODN 39,299,78
★ TLV-TWA 1 mg/m3; STEL 3 mg/m3 DTLVS* 4,338,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg/m3 (SCP-M) FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S333
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7903
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB6450000 PHOSPHORIC ACID, ALUMINUM SALT (1:1), (solution)
UPDT:8308 CAS: 7784-30-7 MW: 121.95 MOLFM: O4-P .Al
SYN: ALUMINOPHOSPHORIC ACID * ALUMINUM ACID PHOSPHATE * ALUMINUM MONOPHOSPHATE * ALUMINUM PHOSPHATE * ALUMINUM PHOSPHATE (1:1) * ALUMINUM PHOSPHATE SOLUTION (DOT) * ALUPHOS * FFB 32 * MONOALUMINUM PHOSPHATE * NA 1760 (DOT) * PHOSPHALUGEL
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Al)/m3 DTLVS* 4,13,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PHOSPHORIC ACID, 4-(AMINOSULFONYL)PHENYL DIETHYL ESTER see: TC0820000
PHOSPHORIC ACID, 4-(AMINOSULFONYL)PHENYL DIMETHYL ESTER see: TC3150000

TB6600000 PHOSPHORIC ACID, (1-(BENZYLTHIO)VINYL) DIETHYL ESTER
UPDT:8309 CAS: 2595-51-9 MW: 302.35 MOLFM: C13-H19-O4-P-S
SYN: DIETHYL 1-((PHENYLMETHYL)THIO)ETHENYL PHOSPHATE * ENT 25,815 * PHOSPHORIC ACID, DIETHYL 1-((PHENYLMETHYL)THIO)ETHENYL ESTER * SD 7565 * SHELL SD-7565
TOXICITY DATA AND REFERENCES:
orl-mus LD50:58 mg/kg ARSIM* 20,20,66

PHOSPHORIC ACID, BERYLLIUM SALT (1:1) see: DS2975000
PHOSPHORIC ACID, BIS(2-CHLOROETHYL) 3-CHLORO-4-METHYL-2-OXO-2H-1-BENZOPYRAN-7-YL ESTER (9CI) see: GN5250000

TB7450000 PHOSPHORIC ACID, BIS(2,3-DIBROMOPROPYL) ESTER, MAGNESIUM SALT
UPDT:8406 CAS: 36711-31-6 MW: 201.44 MOLFM: C6-H10-O4-P .Mg
SYN: BIS(2,3-DIBROMOPROPYL)PHOSPHATE, MAGNESIUM SALT * MAGNESIUMBIS(2,3-DIBROMOPROPYL)PHOSPHATE * 1-PROPANOL, 2,3-DIBROMO-, HYDROGEN PHOSPHATE, MAGNESIUM SALT
MUTATION DATA AND REFERENCES:
mmo-sat 3 umol/plate MUREAV 66,373,79
mma-sat 3 umol/plate MUREAV 66,373,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:4860 mg/kg (8-16D preg) ESKHAS 100,85,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB7875000 PHOSPHORIC ACID, BIS(2-ETHYLHEXYL) ESTER
UPDT:8308 CAS: 298-07-7 MW: 322.48 MOLFM: C16-H35-O4-P
SYN: BIS(2-ETHYLHEXYL)HYDROGEN PHOSPHATE * BIS(2-ETHYLHEXYL)ORTHOPHOSPHORIC ACID * BIS(2-ETHYLHEXYL)PHOSPHATE * BIS(2-ETHYLHEXYL)PHOSPHORIC ACID * DEHPA EXTRACTANT * DI(2-ETHYLHEXYL)ORTHOPHOSPHORIC ACID * DI(2-ETHYLHEXYL)PHOSPHATE * DI-2(ETHYLHEXYL)PHOSPHORIC ACID * DI(2-ETHYLHEXYL)PHOSPHORIC ACID (DOT) * 2-ETHYL-1-HEXANOL HYDROGEN PHOSPHATE * HDEHP * NA 1902 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MOD UCDS** 5/18/72
eye-rbt 5 mg MOD UCDS** 5/18/72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4940 mg/kg UCDS** 5/18/42
ipr-mus LDLo:63 mg/kg CBCCT* 9,132,57
skn-rbt LD50:1250 mg/kg UCDS** 5/18/72
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TB7900000 PHOSPHORIC ACID, BIS(2-ETHYLHEXYL)PHENYL ESTER
UPDT:8412 CAS: 16368-97-1 MW: 398.58 MOLFM: C22-H39-O4-P
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:9333 mg/kg GTPZAB 15(8),30,71
* ihl-mus LC50:5 gm/m3 GTPZAB 15(8),30,71
* ipr-mus LD50:473 mg/kg GTPZAB 15(8),30,71

PHOSPHORIC ACID, 2,2-BIS(ETHYLTHIO)ETHENYL DIETHYL ESTER (9CI) see: TC0845000
PHOSPHORIC ACID, 1-(5-BROMO-2-CHLOROPHENYL)-2-CHLOROETHENYL DIETHYL ESTER see: TB8430000

TB8430000 PHOSPHORIC ACID, 1-(5-BROMO-2-CHLOROPHENYL)-2-CHLOROVINYL DIETHYL ESTER
UPDT:8309 CAS: 62955-97-5 MW: 404.04 MOLFM: C12-H14-Br-Cl2-O4-P
SYN: 1-(5-BROMO-2-CHLOROPHENYL)-2-CHLOROETHENYL DIETHYL PHOSPHATE * ENT 27,100 * PHOSPHORIC ACID, 1-(5-BROMO-2-CHLOROPHENYL)-2-CHLOROETHENYL DIETHYL ESTER * SD 8970 * SHELL SD-8970
TOXICITY DATA AND REFERENCES:
orl-mus LD50:62 mg/kg ARSIM* 20,20,66

TB8440000 PHOSPHORIC ACID, 1-(4-BROMO-2-CHLOROPHENYL)-2-CHLOROVINYL DIMETHYL ESTER
UPDT:8309 CAS: 17702-54-6 MW: 375.98 MOLFM: C10-H10-Br-Cl2-O4-P
SYN: 1-(4-BROMO-2-CHLOROPHENYL)ETHENYL DIMETHYL PHOSPHATE * ENT 27,099 * SD 8967 * SHELL SD-8967
TOXICITY DATA AND REFERENCES:
orl-mus LD50:708 mg/kg ARSIM* 20,20,66

PHOSPHORIC ACID, 1-(2-BROMO-4,5-DICHLOROPHENYL)-2-CHLOROETHENYL DIMETHYL ESTER (9CI) see: TB8448000
PHOSPHORIC ACID, 2-BROMO-1-(2,4-DICHLOROPHENYL)ETHENYL DIETHYL ESTER (9CI) see: TB8450000
PHOSPHORIC ACID, 2-BROMO-1-(2,4-DICHLOROPHENYL)ETHENYL DIMETHYL ESTER (9CI) see: TB8460000

TB8448000 PHOSPHORIC ACID, 1-(2-BROMO-4,5-DICHLOROPHENYL)-2-CHLOROVINYL DIMETHYL ESTER
UPDT:8308 CAS: 6412-75-5 MW: 410.42 MOLFM: C10-H9-Br-Cl3-O4-P
SYN: ENT 27,019 * PHOSPHORIC ACID, 1-(2-BROMO-4,5-DICHLOROPHENYL)-2-CHLOROETHENYL DIMETHYL ESTER (9CI) * SD 8949 * SHELL SD-8949
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2000 mg/kg ARSIM* 20,20,66

TB8450000 PHOSPHORIC ACID, 2-BROMO-1-(2,4-DICHLOROPHENYL)VINYL DIETHYL ESTER
UPDT:8405 CAS: 33399-00-7 MW: 404.04 MOLFM: C12-H14-Br-Cl2-O4-P
SYN: BROMFENVINFOS * BROMFENVINPHOS * BROMPHENVINPHOS * O-1-(2,4-DICHLOROPHENYL)-2-BROMOVINYL O,O-DIETHYL PHOSPHATE * IPO 62 * IPOPHOS * PHOSPHORIC ACID, 2-BROMO-1-(2,4-DICHLOROPHENYL)ETHENYL DIETHYL ESTER (9CI) * SD 8989
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:21400 ug/kg RPZHAW 29,649,78
* scu-rat LD50:64 mg/kg APYPAY 32,507,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB8460000 PHOSPHORIC ACID, 2-BROMO-1-(2,4-DICHLOROPHENYL)VINYL DIMETHYL ESTER
UPDT:8403 CAS: 13104-21-7 MW: 375.98 MOLFM: C10-H10-Br-Cl2-O4-P
SYN: BROMFENVINPHOS-METHYL * O-1-(2,4-DICHLOROPHENYL)-2-BROMOVINYL-O,O-DIMETHYL PHOSPHATE * ENOLOFOS * ENT 27,043 * IPO 63 * METHYLBROMFENVINPHOS * PHOSPHORIC ACID, 2-BROMO-1-(2,4-DICHLOROPHENYL)ETHENYL DIMETHYL ESTER (9CI) * POLFOS * POLPHOS * SD 8988 * SD 8988 (SHELL) * SHELL SD 8988
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:800 mg/kg APYPAY 32,507,81
* scu-rat LD50:405 mg/kg APYPAY 31,575,80

TB8470000 PHOSPHORIC ACID, 3-tert-BUTOXY-2-CHLOROPROPENYL DIMETHYL ESTER
UPDT:8309 CAS: 3186-27-4 MW: 272.69 MOLFM: C9-H18-Cl-O5-P
SYN: 2-CHLORO-3-(1,1-DIMETHYLETHOXY)-1-PROPENYL DIMETHYL PHOSPHATE * ENT 25,753 * PHOSPHORIC ACID, 2-CHLORO-3-(1,1-DIMETHYLETHOXY)-1-PROPENYL DIMETHYL ESTER * SD-7169 * SHELL SD-7169
TOXICITY DATA AND REFERENCES:
orl-mus LD50:268 mg/kg ARSIM* 20,19,66

TB8473000 PHOSPHORIC ACID, 3-tert-BUTOXY-2-CHLOROPROPENYL METHYL PHENYL ESTER
UPDT:8308 CAS: 2984-79-4 MW: 334.76 MOLFM: C14-H20-Cl-O5-P
SYN: ENT 25,749 * SD 7394 * SHELL SD 7394
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg ARSIM* 20,19,66

TB8490000 PHOSPHORIC ACID, BUTYL ESTER
UPDT:8308 CAS: 12788-93-1
SYN: ACID BUTYL PHOSPHATE (DOT) * n-BUTYL ACID PHOSPHATE (DOT) * BUTYL PHOSPHORIC ACID (DOT) * UN 1718 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

TB8540000 PHOSPHORIC ACID, 1-(p-CHLOROBENZYLOXYCARBONYL)-1-PROPEN-2-YL DIETHYL ESTER
UPDT:8307 CAS: 64050-63-1 MW: 362.77 MOLFM: C15-H20-Cl-O6-P
SYN: CROTONIC ACID, 3-HYDROXY-, p-CHLOROBENZYL ESTER, DIETHYL PHOSPHATE * ENT 25,511 * SHELL SD-5030
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:100 mg/kg ARSIM* 20,18,66

TB8545000 PHOSPHORIC ACID, (7-CHLORO-BICYCLO(3.2.0)HEPTA-2,6-DIEN-6-YL) DIMETHYL ESTER
UPDT:8402 CAS: 23560-59-0 MW: 250.63 MOLFM: C9-H12-Cl-O4-P
SYN: 7-CHLOROBICYCLO(3.2.0)HEPTA-2,6-DIEN-6-YL DIMETHYL PHOSPHATE * 5-(O,O-DIMETHYLPHOSPHORYL)-6-CHLOROBICYCLO(3.2.0)HEPTA-1,5-DIEN * HEPTENOPHOS * HOE 2982 * HOE 2982 OJ * HOSTAQUICK * HOSTAVIK (Russian) * PHOSPHONIC ACID, (7-CHLOROBICYCLO(3.2.0)HEPTA-3,6-DIEN-6-YLOXY)-, DIMETHYL ESTER * RAGADAN
TOXICITY DATA AND REFERENCES:
orl-rat LD50:96 mg/kg 85ARAE 1,11,77

* skn-rat LD50:2925 mg/kg FMCHA2 -,C128,83
* unk-mus LD50:75 mg/kg TGANAK 16(1),45,82
* unk-mam LD50:117 mg/kg KSKZAN 16(2),59,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORIC ACID, 2-CHLORO-1-(4-CHLORO-2-FLUOROPHENYL)ETHENYL DIETHYL ESTER see: TB8550000

TB8550000 PHOSPHORIC ACID, 2-CHLORO-1-(4-CHLORO-2-FLUOROPHENYL)VINYL DIETHYL ESTER
UPDT:8309 CAS: 64050-64-2 MW: 343.13 MOLFM: C12-H14-Cl2-F-O4-P
SYN: 2-CHLORO-1-(4-CHLORO-2-FLUOROPHENYL)ETHENYL DIETHYL PHOSPHATE * ENT 27,101 * PHOSPHORIC ACID, 2-CHLORO-1-(4-CHLORO-2-FLUOROPHENYL)ETHENYL DIETHYL ESTER * SD 9052 * SHELL SD 9052
TOXICITY DATA AND REFERENCES:
orl-mus LD50:55 mg/kg ARSIM* 20,20,66

TB8560000 PHOSPHORIC ACID, 2-CHLORO-4-(1,2-DIBROMOETHYL)CYCLOHEXYL BIS(2-CHLOROETHYL) ESTER
UPDT:8307 CAS: 64050-73-3 MW: 525.46 MOLFM: C12-H20-Br2-Cl3-O4-P
SYN: DI-(2-CHLOROETHYL)-2-CHLORO-4-(1,2-DIBROMOETHYL)CYCLOHEXYLPHOSPHATE * PHOSPHORIC ACID, DI-(2-CHLOROETHYL)-2-CHLORO-4-(1,2-DIBROMOETHYL)CYCLOHEXYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3080 mg/kg TXAPA9 28,313,74

TB8569000 PHOSPHORIC ACID, 2-CHLORO-5-(1,2-DIBROMOETHYL)CYCLOHEXYL BIS(2-CHLOROETHYL) ESTER
UPDT:8307 CAS: 64050-74-4 MW: 525.46 MOLFM: C12-H20-Br2-Cl3-O4-P
SYN: DI-(2-CHLOROETHYL)-2-CHLORO-5-(1,2-DIBROMOETHYL)CYCLOHEXYLPHOSPHATE * PHOSPHORIC ACID, DI-(2-CHLOROETHYL)-2-CHLORO-5-(1,2-DIBROMOETHYL)CYCLOHEXYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3080 mg/kg TXAPA9 28,313,74

PHOSPHORIC ACID, 2-CHLORO-1-(2,4-DIBROMOPHENYL)ETHENYL DIMETHYL ESTER see: TB8569900

TB8569900 PHOSPHORIC ACID, 2-CHLORO-1-(2,4-DIBROMOPHENYL)VINYL DIMETHYL ESTER
UPDT:8308 CAS: 2984-80-7 MW: 420.44 MOLFM: C10-H10-Br2-Cl-O4-P
SYN: ENT 25,840 * PHOSPHORIC ACID, 2-CHLORO-1-(2,4-DIBROMOPHENYL)ETHENYL DIMETHYL ESTER * SD-8436 * SHELL SD-8436
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:964 mg/kg ARSIM* 20,20,66

TB8570000 PHOSPHORIC ACID, 2-CHLORO-1-(2,5-DIBROMOPHENYL)VINYL DIMETHYL ESTER
UPDT:8309 CAS: 64050-65-3 MW: 420.44 MOLFM: C10-H1[illegible]-Br2-Cl-O4-P
SYN: 2-CHLORO-1-(2,5-DIBROMOPHENYL)ETHENYL DIMETHYL PHOSPHATE * ENT [illegible],020 * SD-8964 * SHELL SD-8964
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1000 mg/kg ARSIM* 20,20,66
UPDT:8412

TB8600000 PHOSPHORIC ACID, 2-CHLORO-1-(2,5-DICHLOROPHENYL)ETHENYL DIETHYL ESTER
UPDT:8401 CAS: 2701-86-2 MW: 359.58 MOLFM: C12-H14-Cl3-O4-P
SYN: ENT 24,968 * GENERAL CHEMICALS 3583 * SD 8210
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:35 mg/kg ARSIM* 20,11,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORIC ACID, 2-CHLORO-1-(2,4-DICHLOROPHENYL)ETHENYL DIMETHYL ESTER see: TB8805000

TB8750000 PHOSPHORIC ACID, 2-CHLORO-1-(2,4-DICHLOROPHENYL)VINYL DIETHYL ESTER
UPDT:8405 CAS: 470-90-6 MW: 359.58 MOLFM: C12-H14-Cl3-O4-P
SYN: APACHLOR * BENZYL ALCOHOL, 2,4-DICHLORO-alpha-(CHLOROMETHYLENE)-, DIETHYL PHOSPHATE * BIRLANE * BIRLANE 24 * C8949 * C-10015 * CFV * CGA 26351 * CHLOFENVINPHOS * O-2-CHLOOR-1-(2,4-DICHLOOR-FENYL)-VINYL-O,O-DIETHYLFOSFAAT (Dutch) * O-2-CHLOR-1-(2,4-DICHLOR-PHENYL)-VINYL-O,O-DIAETHYLPHOSPHAT (German) * CHLORFENVINFOS * CHLORFENVINPHOS * 2-CHLORO-1-(2,4-DICHLOROPHENYL)VINYL DIETHYL PHOSPHATE * beta-2-CHLORO-1-(2',4'-DICHLOROPHENYL) VINYL DIETHYLPHOSPHATE * CHLOROFENVINPHOS * CHLORPHENVINFOS * CHLORPHENVINPHOS * CLOFENVINFOS * O-2-CLORO-1-(2,4-DICLORO-FENIL) VINIL-O,O-DIETILFOSFATO (Italian) * COMPOUND 4072 * CVP * DERMATON * O,O-DIETHYL O-(2-CHLORO-1-(2',4'-DICHLOROPHENYL)VINYL) PHOSPHATE * DIETHYL 1-(2,4-DICHLOROPHENYL)-2-CHLOROVINYL PHOSPHATE * ENT 24969 * GC 4072 * OMS 1328 * PHOSPHATE DE O,O-DIETHYLE ET DE O-2-CHLORO-1-(2,4-DICHLOROPHENYL) VINYLE (French) * SAPECRON * SAPRECON C * SD 4072 * SD 7859 * SHELL 4072 * STELADONE * SUPONA * SUPONE * UNITOX * VINYLPHATE
MUTATION DATA AND REFERENCES:
mmo-sat 500 ug/plate MURFAV 116,185,83
TOXICITY DATA AND REFERENCES:
2P30Y01 skn-hmn TDLo:10 mg/kg IMSUAI 38,25,69
* orl-rat LD50:10 mg/kg FMCHA2 -,C52,83
* skn-rat LD50:26400 ug/kg APYPAY 32,507,81
ipr-rat LD50:8500 ug/kg VETRAX 77,1140,65
* scu-rat LD50:7 mg/kg APYPAY 32,507,81
ivn-rat LD50:6600 ug/kg TXAPA9 17,323,70
orl-mus LD50:117 mg/kg GUCHAZ 6,100,73
ipr-mus LD50:87 mg/kg JPPMAB 19,612,67
scu-mus LD50:398 mg/kg JPPMAB 19,612,67
ivn-mus LD50:339 mg/kg JPPMAB 19,612,67
ivn-dog LD50:51 mg/kg TXAPA9 17,323,70
orl-rbt LD50:500 mg/kg GUCHAZ 6,100,73
skn-rbt LD50:400 mg/kg TXAPA9 17,323,70
orl-gpg LD50:125 mg/kg BCPCA6 16,949,67
orl-ckn LD50:29 mg/kg TXAPA9 11,49,67
ipr-ckn LD50:23100 ug/kg VETRAX 77,1140,65
orl-dom LD50:71250 ug/kg VETRAX 77,1140,65
* orl-ctl LD50:20 mg/kg VETRAX 77,1140,65
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 46,1,73; CNDQAB 10(3),43,75; RREVAH 63,1,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB8805000 PHOSPHORIC ACID, 2-CHLORO-1-(2,4-DICHLOROPHENYL)VINYL DIMETHYL ESTER
UPDT:8309 CAS: 2274-67-1 MW: 331.52 MOLFM: C10-H10-Cl3-O4-P
SYN: 2-CHLORO-1-(2,4-DICHLOROPHENYL)ETHENYL DIMETHYL PHOSPHATE * ENT 25,818 * PHOSPHORIC ACID, 2-CHLORO-1-(2,4-DICHLOROPHENYL)ETHENYL DIMETHYL ESTER * SD 8280 * SHELL SD-8280
TOXICITY DATA AND REFERENCES:
orl-mus LD50:176 mg/kg ARSIM* 20,20,66

PHOSPHORIC ACID, 2-CHLORO-3-(1,1-DIMETHYLETHOXY)-1-PROPENYL DIMETHYL ESTER see: TB8470000

PHOSPHORIC ACID, 2-CHLORO-3-(ETHYLAMINO)-1-METHYL-3-OXO-1-PROPENYL DIMETHYL ESTER see: TC2850000

PHOSPHORIC ACID, 2-CHLORO-1-METHYLETHYL 2,2-DICHLOROETHENYL ETHYL ESTER (9CI) see: TB8809500

PHOSPHORIC ACID, 2-CHLORO-1-METHYL-3-(METHYLAMINO)-3-OXO-1-PROPENYL DIMETHYL ESTER see: TC2870000

TB8809500 PHOSPHORIC ACID, 2-CHLORO-1-METHYLETHYL 2,2-DICHLOROVINYL ETHYL ESTER
UPDT:8308 CAS: 3686-91-7 MW: 297.51 MOLFM: C7-H12-Cl3-O4-P
SYN: BAYER 24869 * ENT 24,940 * PHOSPHORIC ACID, 2-CHLORO-1-METHYLETHYL 2,2-DICHLOROETHENYL ETHYL ESTER (9CI)
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:20 mg/kg ARSIM* 20,3,66

TB8813000 PHOSPHORIC ACID, p-CHLOROPHENYL DIETHYL ESTER
UPDT:8310 CAS: 5076-63-1 MW: 264.66 MOLFM: C10-H14-Cl-O4-P
SYN: p-CHLOROPHENYL DIETHYL PHOSPHATE * DIETHYL 4-CHLOROPHENYL PHOSPHATE * PHOSPHORIC ACID, 4-CHLOROPHENYL DIETHYL ESTER (9CI)
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:138 mg/kg PAREAQ 11,636,59

PHOSPHORIC ACID, 4-CHLOROPHENYL DIETHYL ESTER (9CI) see: TB8813000

PHOSPHORIC ACID, 1-((4-CHLOROPHENYL)THIO)ETHENYL DIMETHYL ESTER see: TB8925000

TB8925000 PHOSPHORIC ACID, 1-((p-CHLOROPHENYL)THIO)VINYL DIMETHYL ESTER
UPDT:8309 CAS: 2595-53-1 MW: 294.70 MOLFM: C10-H12-Cl-O4-P-S
SYN: 1-((4-CHLOROPHENYL)THIO)ETHENYL DIMETHYL PHOSPHATE * 1-(p-CHLOROPHENYLTHIO)VINYL DIMETHYL PHOSPHATE * ENT 25,816 * PHOSPHORIC ACID, 1-((4-CHLOROPHENYL)THIO)ETHENYL DIMETHYL ESTER * SD 7587 * SHELL SD-7587
TOXICITY DATA AND REFERENCES:
orl-mus LD50:58 mg/kg ARSIM* 20,20,66
orl-ckn LD50:51 mg/kg TXAPA9 11,49,67

TB8935000 PHOSPHORIC ACID, 2-CHLOROPROPYL 1,2-DIBROMO-2,2-DICHLOROETHYL ETHYL ESTER
UPDT:8309 CAS: 64050-68-6 MW: 457.33 MOLFM: C7-H12-Br2-Cl3-O4-P
SYN: 2-CHLOROPROPYL 1,2-DIBROMO-2,2-DICHLOROETHYL ETHYL PHOSPHATE * ENT 25,752 * SD 7079 * SHELL SD-7079
TOXICITY DATA AND REFERENCES:
orl-mus LD50:307 mg/kg ARSIM* 20,19,66

TB8940000 PHOSPHORIC ACID, 2-CHLOROPROPYL 2,2-DICHLOROVINYL ETHYL ESTER
UPDT:8309 CAS: 64050-69-7 MW: 299.53 MOLFM: C7-H14-Cl3-O4-P
SYN: 2-CHLOROPROPYL 2,2-DICHLOROETHENYL ETHYL PHOSPHATE * ENT 25,751 * SD 7078 * SHELL SD-7078
TOXICITY DATA AND REFERENCES:
orl-mus LD50:114 mg/kg ARSIM* 20,19,66

PHOSPHORIC ACID, 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)ETHENYL DIETHYL ESTER see: TB8970000

PHOSPHORIC ACID, 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)ETHENYL DIMETHYL ESTER see: TB9050000

PHOSPHORIC ACID, 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)ETHENYL DIMETHYL ESTER, (Z)- see: TB9100000

PHOSPHORIC ACID, 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)ETHENYL ETHYL METHYL ESTER see: TB9105000

TB8970000 PHOSPHORIC ACID, 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)VINYL DIETHYL ESTER
UPDT:8309 CAS: 2665-28-3 MW: 394.02 MOLFM: C12-H13-Cl4-O4-P
SYN: 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)ETHENYL DIETHYL PHOSPHATE * ENT 25,842 * PHOSPHORIC ACID, 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)ETHENYL DIETHYL ESTER * SD 8448 * SHELL SD-8448
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1250 mg/kg ARSIM* 20,20,66

TB9050000 PHOSPHORIC ACID, 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)VINYL DIMETHYL ESTER
CAS: 961-11-5 MW: 365.96 MOLFM: C10-H9-Cl4-O4-P
SYN: BENZYL ALCOHOL, 2,4,5-TRICHLORO-alpha-(CHLOROMETHYLENE)-, DIMETHYL PHOSPHATE * 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)VINYL DIMETHYL PHOSPHATE * 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)VINYL PHOSPHORIC ACID DIMETHYL ESTER * IPO 8 * NCI C00168 * PHOSPHORIC ACID, 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)ETHENYL DIMETHYL ESTER * TETRACHLORVINPHOS * 2,4,5-TRICHLORO-alpha-(CHLOROMETHYLENE)BENZYL PHOSPHATE
TUMORIGENIC DATA AND REFERENCES:
3V02N61N62 orl-rat TDLo:240 gm/kg/80W-C NCITR* NCI-CG-TR-33,78
2V01L60 orl-mus TDLo:450 gm/kg/67W-C NCITR* NCI-CG-TR-33,78
2V01L60 orl-mus TD :1057 gm/kg/80W-C NCITR* NCI-CG-TR-33,78
3V03N61N62 orl-rat TD :120 gm/kg/80W-C NCITR* NCI-CG-TR-33,78
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-33,78)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB9100000 PHOSPHORIC ACID, 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)VINYL DIMETHYL ESTER, (Z)-
UPDT:8403 CAS: 22248-79-9 MW: 365.96 MOLFM: C10-H9-Cl4-O4-P
SYN: (Z)-2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)VINYL DIMETHYL PHOSPHATE * APPEX * CVMP * DEBANTIC * DIETREEN * DUST M * ENT 25,841 * GARDCIDE * GARDONA * GORDONA * PHOSPHORIC ACID, 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)ETHENYL DIMETHYL ESTER, (Z)- * RABON * RABOND * ROL * SD 8447 * STIROFOS * STIROPHOS * 2,4,5-TRICHLORO-alpha-(CHLOROMETHYLENE)BENZYL PHOSPHATE ESTER
MUTATION DATA AND REFERENCES:
mnt-mus-ipr 200 mg/kg/7D-I MUREAV 117,329,83
mnt-mus-orl 720 mg/kg/24H-C MUREAV 117,329,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1100 mg/kg TXAPA9 14,515,69
orl-ckn LD50:2528 mg/kg TXAPA9 11,49,67
* orl-ctl LD50:360 mg/kg VETNAL 57(5),55,81
unk-mam LD50:[illegible] mg/kg 30ZDA9 -,315,71
orl-bwd LD50:100 mg/kg TXAPA9 21,315,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 46,1,73
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 30,197,83

TB9105000 PHOSPHORIC ACID, 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)VINYL ETHYL METHYL ESTER
UPDT:8309 CAS: 51963-27-0 MW: 379.99 MOLFM: C11-H11-Cl4-O4-P
SYN: 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)ETHENYL ETHYL METHYL PHOSPHATE * ENT 27,119 * PHOSPHORIC ACID, 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)ETHENYL ETHYL METHYL ESTER * SD 9102 * SHELL SD-9102
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1000 mg/kg ARSIM* 20,21,66

PHOSPHORIC ACID CHROMIUM (III) SALT see: GB6840000

PHOSPHORIC ACID, CHROMIUM(3+) SALT (1:1) see: GB6840000

TB9279000 PHOSPHORIC ACID, COBALT(2+) SALT (2:3)
UPDT:8209 CAS: 13455-36-2 MW: 366.73 MOLFM: O8-P2-3Co
SYN: COBALTOUS PHOSPHATE * COBALT PHOSPHATE * COBALT(II) PHOSPHATE
TOXICITY DATA AND REFERENCES:
3F07K12U01 orl-rat LD50:387 mg/kg FCTOD7 20,311,82
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB9279500 PHOSPHORIC ACID, COBALT(2+) SALT (2:3), OCTAHYDRATE
UPDT:8209 CAS: 10294-50-5 MW: 510.89 MOLFM: O8-P2 .3Co .8H2-O
SYN: COBALTOUS PHOSPHATE OCTAHYDRATE * COBALT PHOSPHATE OCTAHYDRATE * COBALT(II) PHOSPHATE OCTAHYDRATE
TOXICITY DATA AND REFERENCES:
3F07K12U01 orl-rat LD50:539 mg/kg FCTOD7 20,311,82
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**

TB9350000 PHOSPHORIC ACID, 1-CYCLOHEXEN-1-YL DIETHYL ESTER
UPDT:8309 CAS: 4452-32-8 MW: 234.26 MOLFM: C10-H19-O4-P
SYN: 1-CYCLOHEXEN-1-YL DIETHYL PHOSPHATE * ENT 25,692 * SD 2218 * SHELL SD-2218
TOXICITY DATA AND REFERENCES:
orl-mus LD50:110 mg/kg ARSIM* 20,18,66

TB9375000 PHOSPHORIC ACID, DIAMMONIUM SALT
UPDT:8305 CAS: 7783-28-0 MW: 132.08 MOLFM: H6-N2 .H3-O4-P
SYN: AMMONIUM PHOSPHATE * AMMONIUM PHOSPHATE DIBASIC * DAP * DIAMMONIUM HYDROGEN PHOSPHATE * DIAMMONIUM PHOSPHATE * DIBASIC AMMONIUM PHOSPHATE * FYREX * SECONDARY AMMONIUM PHOSPHATE
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TB9400000 PHOSPHORIC ACID, 1,2-DIBROMO-3-tert-BUTOXY-2-CHLOROPROPYL DIMETHYL ESTER
UPDT:8309 CAS: 64050-70-0 MW: 432.51 MOLFM: C9-H18-Br2-Cl-O5-P
SYN: 1,2-DIBROMO-3-CHLORO-3-(1,1-DIMETHYLETHOXY)PROPYL DIMETHYL PHOSPHATE * ENT 25,748 * PHOSPHORIC ACID, 1,2-DIBROMO-2-CHLORO-3-(1,1-DIMETHYLETHOXY)PROPYL DIMETHYL ESTER * SD 7400 * SHELL SD-7400
TOXICITY DATA AND REFERENCES:
orl-mus LD50:233 mg/kg ARSIM* 20,19,66

PHOSPHORIC ACID, 1,2-DIBROMO-2-CHLORO-3-(1,1-DIMETHYLETHOXY)PROPYL DIMETHYL ESTER see: TB9400000

TB9420000 PHOSPHORIC ACID, 1,2-DIBROMO-2,2-DICHLOROETHYL 2,3-DICHLOROPROPYL ETHYL ESTER
UPDT:8309 CAS: 64050-71-1 MW: 491.77 MOLFM: C7-H11-Br2-Cl4-O4-P
SYN: 1,2-DIBROMO-2,2-DICHLOROETHYL 2,3-DICHLOROPROPYL ETHYL PHOSPHATE * ENT 25,750 * SD 7172 * SHELL SD-7172
TOXICITY DATA AND REFERENCES:
orl-mus LD50:176 mg/kg ARSIM* 20,19,66

TB9450000 PHOSPHORIC ACID, 1,2-DIBROMO-2,2-DICHLOROETHYL DIMETHYL ESTER
UPDT:8403 CAS: 300-76-5 MW: 380.80 MOLFM: C4-H7-Br2-Cl2-O4-P
SYN: ARTHODIBROM * BROMCHLOPHOS * BROMEX * DIBROM * O-(1,2-DIBROM-2,2-DICHLOR-AETHYL)-O,O-DIMETHYL-PHOSPHAT (German) * 1,2-DIBROMO-2,2-DICHLOROETHYL DIMETHYL PHOSPHATE * O-(1,2-DIBROMO-2,2-DICLORO-ETIL)-O,O-DIMETIL-FOSTATO (Italian) * O-(1,2-DIBROOM-2,2-DICHLOOR-ETHYL)-O,O-DIMETHYL-FOSFAAT (Dutch) * DIMETHYL 1,2-DIBROMO-2,2-DICHLOROETHYL PHOSPHATE * O,O-DIMETHYL-O-(1,2-DIBROMO-2,2-DICHLOROETHYL)PHOSPHATE * O,O-DIMETHYL O-2,2-DICHLORO-1,2-DIBROMOETHYL PHOSPHATE * ENT 24988 * ETHANOL, 1,2-DIBROMO-2,2-DICHLORO-, DIMETHYL PHOSPHATE * HIBROM * NALED * NA 2783 (DOT) * NALED (DOT) * ORTHO 4355 * ORTHODIBROM * ORTHODIBROMO * PHOSPHATE DE O,O-DIMETHLE ET DE O-(1,2-DIBROMO-2,2-DICHLORETHYLE) (French) * RE-4355
IRRITATION DATA AND REFERENCES:
skn-man 42 mg/21D-I open TXAPA9 21,369,72
skn-rbt 500 mg/24H SEV TXAPA9 21,369,72
MUTATION DATA AND REFERENCES:
mmo-sat 5 uL/plate MUREAV 28,405,75
mma-sat 50 ug/plate JAFCAU 29,268,81
mmo-bcs 50 ug/plate JAFCAU 29,268,81
mma-bcs 50 ug/plate JAFCAU 29,268,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:250 mg/kg TXAPA9 14,515,69
ihl-rat LD50:7700 ug/kg BECTA6 19,113,78
skn-rat LD50:800 mg/kg WRPCA2 9,119,70
orl-mus LD50:330 mg/kg ARTODN 34,103,75
ihl-mus LD50:156 mg/kg BECTA6 19,113,78
skn-rbt LD50:1100 mg/kg 28ZEAL 5,161,76
* orl-dck LD50:52 mg/kg DOEAAH 35,27,79
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DTTIAF 80(20),485,73
★ TLV-TWA 3 mg/m3; STEL 6 mg/m3 (skin) DTLVS* 4,123,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 3 mg/m3 (SCP-P) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB9500000 PHOSPHORIC ACID, 1,2-DIBROMO-2,2-DICHLOROETHYL METHYL PHENYL ESTER
UPDT:8309 CAS: 2872-96-0 MW: 442.87 MOLFM: C9-H9-Br2-Cl2-O4-P
SYN: 1,2-DIBROMO-2,2-DICHLOROETHYL METHYL PHENYL PHOSPHATE * ENT 25,698 * SD-6460 * SHELL SD-6460
TOXICITY DATA AND REFERENCES:
orl-rat LD50:500 mg/kg ARSIM* 20,19,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB9605000 PHOSPHORIC ACID, DIBUTYL ESTER
UPDT:8404 CAS: 107-66-4 MW: 210.24 MOLFM: C8-H19-O4-P
SYN: DIBUTYL ACID PHOSPHATE * DIBUTYL HYDROGEN PHOSPHATE * DIBUTYL PHOSPHATE * DI-n-BUTYL PHOSPHATE
REVIEW AND REFERENCES:
★ TLV-TWA 1 ppm; STEL 2 ppm DTLVS* 4,124,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 ppm CFRGBR 29,1910.1000,81
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 297
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

PHOSPHORIC ACID, 2,2-DICHLORO-1-(3,5-DICHLOROPHENYL)ETHENYL DIETHYL ESTER (9CI) see: TB9660000

TB9660000 PHOSPHORIC ACID, 2,2-DICHLORO-1-(3,5-DICHLOROPHENYL)VINYL DIETHYL ESTER
UPDT:8401 CAS: 2667-41-6 MW: 394.02 MOLFM: C12-H13-Cl4-O4-P
SYN: ENT 24,967 * GENERAL CHEMICALS 3582 * PHOSPHORIC ACID, 2,2-DICHLORO-1-(3,5-DICHLOROPHENYL)ETHENYL DIETHYL ESTER (9CI)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:20 mg/kg ARSIM* 20,11,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TB9670000 PHOSPHORIC ACID, 2,2-DICHLOROETHENYL 2,3-DICHLOROPROPYL ETHYL ESTER
UPDT:8309 CAS: 3309-67-9 MW: 331.95 MOLFM: C7-H11-Cl4-O4-P
SYN: 2,2-DICHLOROETHENYL 2,3-DICHLOROPROPYL ETHYL PHOSPHATE * ENT 25,689 * SD 1996 * SHELL SD-1996
TOXICITY DATA AND REFERENCES:
orl-rat LD50:66 mg/kg ARSIM* 20,18,66
orl-mus LD50:125 mg/kg ARSIM* 20,18,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORIC ACID, 2,2-DICHLOROETHENYL DIMETHYL ESTER see: TC0350000

TB9700000 PHOSPHORIC ACID, 2,2-DICHLOROETHENYL METHYL PHENYL ESTER
UPDT:8309 CAS: 3309-70-4 MW: 283.05 MOLFM: C9-H9-Cl2-O4-P
SYN: 2,2-DICHLOROETHENYL METHYL PHENYL PHOSPHATE * 2,2-DICHLOROVINYL METHYL PHENYL ESTER of PHOSPHORIC ACID * ENT 25,631 * SD 6056 * SHELL SD-6056
TOXICITY DATA AND REFERENCES:
orl-mus LD50:733 mg/kg ARSIM* 20,19,66

PHOSPHORIC ACID, DI-(2-CHLOROETHYL)-2-CHLORO-4-(1,2-DIBROMOETHYL)CYCLOHEXYL ESTER see: TB8560000

PHOSPHORIC ACID, DI-(2-CHLOROETHYL)-2-CHLORO-5-(1,2-DIBROMOETHYL)CYCLOHEXYL ESTER see: TB8569000

TC0270000 PHOSPHORIC ACID, 2,4-DICHLOROPHENYL DIMETHYL ESTER
UPDT:8309 CAS: 6161-78-0 MW: 271.04 MOLFM: C8-H9-Cl2-O4-P
SYN: 2,4-DICHLOROPHENYL DIMETHYL PHOSPHATE * DOWCO-192 * ENT 27,191
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:500 mg/kg ARSIM* 20,9,66
scu-gpg LDLo:50 mg/kg JEENAI 61,1261,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TC0350000 PHOSPHORIC ACID, 2,2-DICHLOROVINYL DIMETHYL ESTER
UPDT:8412 CAS: 62-73-7 MW: 220.98 MOLFM: C4-H7-Cl2-O4-P
SYN: APAVAP * ASTROBOT * ATGARD * ATGARD C * ATGARD V * BAY-19149 * BENFOS * BIBESOL * BREVINYL * BREVINYL E50 * CANOGARD * CEKUSAN * CHLORVINPHOS * CYANOPHOS * CYPONA * DDVF * DDVP * DEDEVAP * DERIBAN * DERRIBANTE * DEVIKOL * (2,2-DICHLOOR-VINYL)-DIMETHYL-FOSFAAT (Dutch) * DICHLOORVO (Dutch) * DICHLORFOS (Polish) * DICHLORMAN * 2,2-DICHLOROETHENYL DIMETHYL PHOSPHATE * 2,2-DICHLOROETHENYL PHOSPHORIC ACID DIMETHYL ESTER * DICHLOROPHOS * DICHLOROVAS * (2,2-DICHLORO-VINIL)DIMETIL-FOSFATO (Italian) * 2,2-DICHLOROVINYL DIMETHYL PHOSPHATE * 2,2-DICHLOROVINYL DIMETHYL PHOSPHORIC ACID ESTER * DICHLOROVOS * DICHLORPHOS * (2,2-DICHLOR-VINYL)-DIMETHYL-PHOSPHAT (German) * O-(2,2-DICHLORVINYL)-O,O-DIMETHYLPHOSPHAT (German) * DICHLORVOS * DICHLORVOS (DOT) * DIMETHYL 2,2-DICHLOROETHENYL PHOSPHATE * DIMETHYL DICHLOROVINYL PHOSPHATE * DIMETHYL 2,2-DICHLOROVINYL PHOSPHATE * O,O-DIMETHYL DICHLOROVINYL PHOSPHATE * 0,0-DIMETHYL 0-2,2-DICHLOROVINYL PHOSPHATE * O,O-DIMETHYL-O-(2,2-DICHLOR-VINYL)-PHOSPHAT (German) * DIVIPAN * DUO-KILL * DURAVOS * ENT 20738 * EQUIGARD * EQUIGEL * ESTROSEL * ESTROSOL * ETHENOL, 2,2-DICHLORO-, DIMETHYL PHOSPHATE * FECAMA * FLY-DIE * FLY FIGHTER * HERKAL * HERKOL * KRECALVIN * LINDAN * MAFU * MAFU STRIP * MARVEX * MOPARI * NA 2783 (DOT) * NCI-C00113 * NERKOL * NOGOS * NOGOS 50 * NOGOS G * NO-PEST * NO-PEST STRIP * NSC-6738 * NUVA * NUVAN * NUVAN 100EC * OKO * OMS 14 * PHOSPHATE DE DIMETHYLE ET DE 2,2-DICHLOROVINYLE (French) * PHOSPHORIC ACID, 2,2-DICHLOROETHENYL DIMETHYL ESTER * PHOSVIT * SD-1750 * SZKLARNIAK * TAP 9VP * TASK * TENAC * TASK TABS * TETRAVOS * UDVF * UNIFOS * UNIFOS 50 EC * VAPONA * VAPONITE * VAPORA II * VERDICAN * VERDIPOR * VINYL ALCOHOL, 2,2-DICHLORO-, DIMETHYL PHOSPHATE * VINYLOFOS * VINYLOPHOS
MUTATION DATA AND REFERENCES:
mmo-sat 30 mmol/L MUREAV 21,175,73
mma-sat 5 pph MUREAV 40,19,76
mmo-esc 5 pph MUREAV 40,19,76
dnr-esc 60 nmol/plate CNREA8 33,458,73
dnd-esc 1 gm/L MUREAV 52,161,78
mrc-bcs 10 pph/24H MUREAV 40,19,76
mmo-srm 25 mg/L ATXKA8 30,67,72
mmo-klp 1000 ppm MUREAV 16,413,72
mmo-omi 5600 ug/plate CBINA8 22,297,78
mmo-omi 1000 ppm MUREAV 16,413,72
mmo-omi 1000 ppm MUREAV 16,413,72
dnr-omi 50 uL/plate BIZNAT 95,463,76
dnd-omi 10 umol/L CBINA8 39,339,82
sln-dmg-orl 750 ppb MUREAV 28,405,75
mrc-smc 5 mmol/L/5H MUREAV 32,133,75
mrc-asn 14 mg/plate MUREAV 46,395,77
sln-asn 800 mg/L EVHPAZ 31,81,79
mmo-ssp 5 mmol/L MUREAV 117,139,83
mma-ssp 5 mmol/L MUREAV 117,139,83
dnd-sal:spr 14 mmol/L CBINA8 8,171,74
dnd-hmn:lym 62 mg/L TUMOAB 66,425,80
dnd-hmn:hla 970 umol/L CBINA8 8,171,74
dni-hmn:lym 62 mg/L TUMOAB 66,425,80
cyt-hmn:lym 1 mg/L TSITAQ 18,1490,76
dnd-mus-ipr 420 ug/kg APTSAI 49(5),56,81
dnd-mus-ihl 8 mg/kg PCBPBS 6,101,76
hma-mus/smc 4 mg/L ATXKA8 30,61,72
spm-mus-ipr 35 mg/kg/5D PNASA6 72,4425,75
dnd-ham:lng 2000 ppm/60M MUREAV 24,365,74
cyt-ham:lng 100 mg/L AMONDS 3,253,80
sce-ham:ovr 30 umol/L JTEHD6 8,939,81
sce-ham:lng 100 umol/L MUREAV 78,177,80
dnd-mam:lym 100 uL NATWAY 57,393,70
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T83 orl-rat TDLo:39200 ug/kg (14-21D preg) NUPOBT 15,255,77
1T45 ipr-rat TDLo:15 mg/kg (11D preg) AEHLAU 16,805,68
2T01T02 unk-rat TDLo:40 mg/kg (2D male) BECTA6 15,458,76
1T25 orl-rbt TDLo:65 mg/kg (6-13D preg) TJADAB 20,383,79
1T83 orl-rbt TDLo:60 mg/kg (22-31D preg) FHCYAI 16,335,78
1T34 ihl-rbt TCLo:4 mg/m3/23H (1-28D preg) ATXKA8 30,29,72
1T83 unk-rbt TDLo:60 mg/kg (22-31D preg) FHCYAI 16,139,78
3T41T48T52 orl-pig TDLo:255 mg/kg (41-70D preg) ZVRAAX 27,662,80
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:32 mg/kg DOEAAH 35,27,79
ihl-rat LC50:15 mg/m3/4H GISAAA 33(12),35,68
* skn-rat LD50:70400 ug/kg APYPAY 32,507,81
ipr-rat LDLo:40 mg/kg BECTA6 19,47,78
* scu-rat LD50:10800 ug/kg APYPAY 32,507,81
unk-rat LD50:57 mg/kg GISAAA 33(12),35,68
* orl-mus LD50:101 mg/kg CHHTAT 58(5),296,78
ihl-mus LC50:13 mg/m3/4H GISAAA 33(12),35,68
ipr-mus LD50:41 mg/kg ARZNAD 5,746,55
scu-mus LD50:24 mg/kg IMSUAI 31,170,62
* ivn-mus LD50:18 mg/kg CSLNX* NX#00004
unk-mus LD50:75 mg/kg GISAAA 33(12),35,68
orl-dog LD50:1090 mg/kg TXAPA9 18,185,71
2E08Y01 orl-rbt LD50:10 mg/kg BEXBAN 83,32,77
skn-rbt LD50:107 mg/kg BESAAT 12,117,66
unk-rbt LD50:23 mg/kg GISAAA 33(12),35,68
2K13Y01 orl-pig LD50:157 mg/kg AJVRAH 40,315,79
1Y01 orl-ckn LD50:6450 ug/kg INJPD2 10,323,78
* orl-dck LD50:7800 ug/kg DOEAAH 35,27,79
* orl-mam LD50:125 mg/kg GISAAA 41(8),82,76
orl-bwd LD50:12 mg/kg TXAPA9 21,315,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 46,1,73; MUREAV 32(2),133,75; CNDQA8 10(3),43,75; NYZZA3 26(9),739,74; NWSCAL 53,489,72; RREVAH 63,1,76; ALLVAR 50,77,62

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 20,97,79
★ TLV-TWA 100 ppb; STEL 300 ppb (skin)	DTLVS* 4,136,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 1 mg/m3 (skin) (SCP-T)	FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172.101,82
★ DOT-HAZARD:POISON B; LABEL:POISON, dry	CFRGBR 49,172.101,82

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-10,77)
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 295
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TC0650000 PHOSPHORIC ACID, DIETHYL 1-(DIMETHYLCARBAMOYL)-1-PROPEN-2-YL ESTER

UPDT:8309 CAS: 5723-63-7 MW: 265.28 MOLFM: C10-H20-N-O5-P
SYN: 2-(DIMETHYLCARBAMOYL)-1-METHYLVINYL DIETHYL PHOSPHATE * ENT 25,503 * GC-4216 * PHOSPHORIC ACID, DIETHYL ESTER, ester with 3-HYDROXY-N,N-DIMETHYLCROTONAMIDE * PHOSPHORIC ACID, 3-(DIMETHYLAMINO)-1-METHYL-3-OXO-1-PROPENYL DIETHYL ESTER * SD 2244 * SHELL SD-2244

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:9 mg/kg	ARSIM* 20,18,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORIC ACID, DIETHYL ESTER, ester with 3-CHLORO-7-HYDROXY-4-METHYLCOUMARIN see: GN5950000

TC0820000 PHOSPHORIC ACID, DIETHYL ESTER, ester with p-HYDROXYBENZENESULFONAMIDE

UPDT:8309 CAS: 1981-20-0 MW: 309.30 MOLFM: C10-H16-N-O6-P-S
SYN: AC 23697 * AMERICAN CYANAMID CL-23697 * 4-(AMINOSULFONYL)PHENYL DIETHYL PHOSPHATE * BENZENESULFONAMIDE, p-HYDROXY-, DIETHYL PHOSPHATE * CL-23697 * DIETHYL p-SULFAMOYLPHENYL PHOSPHATE * O,O-DIETHYL O-(p-SULFAMOYLPHENYL) PHOSPHATE * ENT 25,638 * PHOSPHORIC ACID, 4-(AMINOSULFONYL)PHENYL DIETHYL ESTER

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:22 mg/kg	ARSIM* 20,1,66

PHOSPHORIC ACID, DIETHYL ESTER, ester with 3-HYDROXY-N,N-DIMETHYLCROTONAMIDE see: TC0650000

TC0845000 PHOSPHORIC ACID, DIETHYL ESTER, ESTER with HYDROXYKETENE DIETHYL MERCAPTOLE

UPDT:8401 CAS: 2667-40-5 MW: 300.40 MOLFM: C10-H21-O4-P-S2
SYN: ENT 24,729 * HERCULES 3895 * PHOSPHORIC ACID, 2,2-BIS(ETHYLTHIO)ETHENYL DIETHYL ESTER (9CI)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:15 mg/kg	ARSIM* 20,12,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TC0870000 PHOSPHORIC ACID, DIETHYL ESTER, compd. with 2-ETHYL-2-THIOPSEUDOUREA (1:1)

UPDT:8308 CAS: 21704-46-1 MW: 258.31 MOLFM: C4-H11-O4-P C3-H8-N2-S
SYN: CARBAMIMIDOTHIOIC ACID, ETHYL ESTER, MONO(DIETHYL PHOSPATE) * S-ETHYLISOTHIURONIUM DIETHYL PHOSPHATE

TOXICITY DATA AND REFERENCES:

3F07F23J26	ipr-rat LD50:113 mg/kg	FATOAO 43,212,80
3F07F23J26	orl-mus LD50:2380 mg/kg	FATOAO 43,212,80
3F07F23J26	ipr-mus LD50:680 mg/kg	FATOAO 43,212,80
3F07F23J26	scu-mus LD50:705 mg/kg	FATOAO 43,212,80
3F07F23J26	ims-mus LD50:772 mg/kg	FATOAO 43,212,80

PHOSPHORIC ACID, DIETHYL ESTER, N-NAPHTHALIMIDE deriv. see: QK5775000
PHOSPHORIC ACID, DIETHYL ESTER, NAPHTHALIMIDO deriv. see: QK5775000

TC1257000 PHOSPHORIC ACID, DIETHYL 3-(ETHYLTHIO)PROPENYL ESTER

UPDT:8401 CAS: 5823-29-0 MW: 254.31 MOLFM: C9-H19-O4-P-S
SYN: ENT 24,585 * HERCULES 3004 * PHOSPHORIC ACID, DIETHYL 3-(ETHYLTHIO)-1-PROPENYL ESTER (9CI)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1500 ug/kg	ARSIM* 20,12,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORIC ACID, DIETHYL 3-(ETHYLTHIO)-1 PROPENYL ESTER (9CI) see: TC1257000

TC2275000 PHOSPHORIC ACID, DIETHYL p-NITROPHENYL ESTER

UPDT:8411 CAS: 311-45-5 MW: 275.22 MOLFM: C10-H14-N-O6-P
SYN: CHINORTA * O,O'DIAETHYL-p-NITROPHENYLPHOSPHAT (German) * DIETHYL-p-NITROFENYL ESTER KYSELINY FOSFORECNE (Czech) * DIETHYL p-NITROPHENYL PHOSPHATE * O,O-DIETHYL O-p-NITROPHENYL PHOSPHATE * DIETHYL PARAOXON * O,O-DIETHYL PHOSPHORIC ACID O-p-NITROPHENYL ESTER * O,O-DIETYL-O-p-NITROFENYLFOSFAT (Czech) * E 600 * ENT 16,087 * ESTER 25 * ETHYL p-NITROPHENYL ETHYLPHOSPHATE * ETHYL PARAOXON * ETICOL * FOSFAKOL * HC 2072 * MINTACO * MINTACOL * MIOTISAL * MIOTISAL A * p-NITROPHENYL DIETHYLPHOSPHATE * OXYPARATHION * PARAOXON * PARAOXONE * PAROXAN * PESTOX 101 * PHENOL, p-NITRO-, ester with DIETHYL PHOSPHATE * PHOSPHACOL * PHOSPHORIC ACID DIETHYL 4-NITROPHENYL ESTER * RCRA WASTE NUMBER P041 * SOLUGLACIT * TS 219

MUTATION DATA AND REFERENCES:

	mmo-ssp 5 mmol/L	MUREAV 117,139,83
	sce-ham:ovr 100 umol/L	JTEHD6 8,939,81

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1800 ug/kg	8CPCA6 16,1183,67
	ipr-rat LD50:930 ug/kg	ARZNAD 14,85,64
*	scu-rat LD50:230 ug/kg	NIIRDN 6,113,82
1Y02	ivn-rat LD50:240 ug/kg	CJBPAZ 34,197,56
	ims-rat LD50:446 ug/kg	BJIMAG 22,317,65
*	orl-mus LD50:15 mg/kg	TXAPA9 22,684,72
	ipr-mus LD50:330 ug/kg	FATOAO 35,494,72
*	scu-mus LD50:360 ug/kg	NIIRDN 6,113,82
*	ivn-mus LD50:520 ug/kg	TXAPA9 22,684,72
	ims-mus LD50:710 ug/kg	AEPPAE 237,211,59
	par-mus LDLo:600 ug/kg	GUCHAZ 6,388,73
1Y01	unk-mus LD50:560 ug/kg	PCJOAU 3,508,69
*	scu-rbt LD50:230 ug/kg	NIIRDN 6,113,82
	ivn-rbt LDLo:100 ug/kg	BJPCAL 8,208,53
	ocu-rbt LD50:300 ug/kg	AJOPAA 53,512,62
	orl-ckn LD50:2 mg/kg	BCPCA6 16,1183,67

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RREVAH 46,1,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORIC ACID DIETHYL 4-NITROPHENYL ESTER see: TC2275000
PHOSPHORIC ACID, DIETHYL 1-((PHENYLMETHYL)THIO)ETHENYL ESTER see: TB6600000
PHOSPHORIC ACID, DIETHYL 1-(PHENYLTHIO)ETHENYL ESTER see: TC2350000

TC2350000 PHOSPHORIC ACID, DIETHYL 1-(PHENYLTHIO)VINYL ESTER

UPDT:8309 CAS: 2274-95-5 MW: 288.32 MOLFM: C12-H17-O4-P-S
SYN: ENT 25,814 * PHOSPHORIC ACID, DIETHYL 1-(PHENYLTHIO)ETHENYL ESTER * SD 7554 * SHELL SD-7554

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:25 mg/kg	ARSIM* 20,20,66

TC2400000 PHOSPHORIC ACID, DIISOOCTYL ESTER

UPDT:8308 CAS: 27215-10-7 MW: 322.48 MOLFM: C16-H35-O4-P
SYN: DIISOOCTYL ACID PHOSPHATE * DIISOOCTYL ACID PHOSPHATE (DOT) * DIISOOCTYL PHOSPHATE * UN 1902 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE	CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

PHOSPHORIC ACID, 3-(DIMETHYLAMINO)-1-METHYL-3-OXO-1-PROPENYL DIETHYL ESTER see: TC0650000
PHOSPHORIC ACID 3-(DIMETHYLAMINO)-1-METHYL-3-OXO-1-PROPENYL DIMETHYL ESTER see: TC3850000
PHOSPHORIC ACID, DIMETHYL ESTER, ester with p-CHLOROBENZYL-3-HYDROXYCROTONATE see: GQ4375000

TC2800000 PHOSPHORIC ACID, DIMETHYL ESTER, ester with 2-CHLORO-N,N-DIETHYL-3-HYDROXYCROTONAMIDE

UPDT:8412 CAS: 13171-21-6 MW: 299.72 MOLFM: C10-H19-Cl-N-O5-P
SYN: APAMIDON * C 570 * (2-CHLOOR-3-DIETHYLAMINO-1-METHYL-3-OXO-PROP-1-EN-YL)-DIMETHYL-FOSFAAT (Dutch) * (2-CHLOR-3-DIAETHYLAMINO-1-METHYL-3-OXO-PROP-1-EN-YL)-DIMETHYL-PHOSPHAT (German) * 2-CHLORO-2-DIETHYLCARBAMOYL-1-METHYLVINYL DIMETHYLPHOSPHATE * 1-CHLORO-DIETHYLCARBAMOYL-1-PROPEN-2-YL DIMETHYL PHOSPHATE * (2-CLORO-3-DIETILAMINO-1-METIL-3-OXO-PROP-1-EN-IL)-DIMETIL-FOSFATO (Italian) * CIBA 570 * CROTONAMIDE, 2-CHLORO-N,N-DIETHYL-3-HYDROXY-, DIMETHYL PHOSPHATE * DIMECRON * DIMETHYL 2-CHLORO-2-DIETHYLCARBAMOYL-1-METHYLVINYL PHOSPHATE * O,O-DIMETHYL O-(2-CHLORO-2-(N,N-DIETHYLCARBAMOYL)-1-METHYLVINYL) PHOSPHATE * DIMETHYL DIETHYLAMIDO-1-CHLOROCROTONYL (2) PHOSPHATE * (O,O-DIMETHYL-O-(1-METHYL-2-CHLORO-2-DIETHYLCARBAMOYL-VINYL) PHOSPHATE) * DIMETHYL PHOSPHATE of 2-CHLORO-N,N-DIETHYL-3-HYDROXYCROTONAMIDE * DIXON * ENT 25515 * FAMFOS * FOSFAMIDON (Dutch) * FOSFAMIDONE (Italian) * ML 97 * NCI-C00588 * OR 1191 * FOSZFAMIDON (Hungarian) * PHOSPHAMIDON * PHOSPHATE DE DIMETHYLE ET DE (2-CHLORO-2-DIETHYLCARBAMOYL-1-METHYL-VINYLE) (French)

MUTATION DATA AND REFERENCES:

	mma-sat 9 mg/plate	ENMUDM 5(Suppl 1),3,83
	cyt-hmn:lym 19125 ug/L	MUREAV 31,103,75
	cyt-hmn:leu 5 umol/L	IJEBA6 18,1145,80
	mnt-mus-orl 10 mg/kg/24H	BECTA6 25,277,80
	mnt-mus-ipr 2 mg/kg	IJEBA6 18,1145,80
	cyt-mus-orl 5 mg/kg	SOGEBZ 11,1534,75
	cyt-mus-ipr 2 mg/kg	IJEBA6 18,1145,80

TUMORIGENIC DATA AND REFERENCES:

3V03H60N62	orl-rat TDLo:5400 mg/kg/80W-C	NCITR* NCI-CG-TR-16,79

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:15 mg/kg	DOEAAH 35,25,79
3F11F23J22	ihl-rat LC50:135 mg/m3/4H	EGESAQ 24,173,80
	skn-rat LD50:125 mg/kg	PHJOAV 185,361,60
	scu-rat LD50:26 mg/kg	ATXKA8 18,316,60
	orl-mus LD50:6 mg/kg	SPEADM 78-1,28,78
*	ipr-mus LD50:6300 ug/kg	TXAPA9 16,446,70
3C09D17J22	scu-mus LD50:13200 ug/kg	AIPTAK 132,180,61
	ivn-mus LD50:6 mg/kg	ATXKA8 18,316,60
	skn-rbt LD50:267 mg/kg	GUCHAZ 6,410,73
	orl-ckn LD50:9040 ug/kg	TXAPA9 3,521,61
	orl-dck LD50:3810 ug/kg	DOEAAH 35,25,79
	skn-dck LD50:26 mg/kg	TXAPA9 47,451,79
	orl-bwd LD50:2 mg/kg	TXAPA9 21,315,72

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RREVAH 46,1,73; DTTIAF 80(20),485,73; RREVAH 63,1,76

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:RAT (NCITR* NCI-CG-TR-16,79)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-16,79)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TC2850000 PHOSPHORIC ACID, DIMETHYL ESTER, ESTER with 2-CHLORO-N-ETHYL-3-HYDROXYCROTONAMIDE

UPDT:8309 CAS: 13171-22-7 MW: 271.66 MOLFM: C8-H15-Cl-N-O5-P
SYN: C-776 * 2-CHLORO-3-(ETHYLAMINO)-1-METHYL-3-OXO-1-PROPENYL DIMETHYL PHOSPHATE * CIBA C-776 * ENT 27,358 * NSC 190956 * PHOSPHORIC ACID, 2-CHLORO-3-(ETHYLAMINO)-1-METHYL-3-OXO-1-PROPENYL DIMETHYL ESTER

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:37 mg/kg	ARSIM* 20,7,66
	scu-gpg LDLo:100 mg/kg	JEENAI 62,934,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TC2870000 PHOSPHORIC ACID, DIMETHYL ESTER, ESTER with 2-CHLORO-N-METHYL-3-HYDROXYCROTONAMIDE

UPDT:8310 CAS: 34491-04-8 MW: 257.63 MOLFM: C7-H13-Cl-N-O5-P
SYN: C-768 * 2-CHLORO-1-METHYL-3-(METHYLAMINO)-3-OXO-1-PROPENYL DIMETHYL PHOSPHATE * CIBA C-768 * ENT 27,357 * NSC 190955 * PHOSPHORIC ACID, 2-CHLORO-1-METHYL-3-(METHYLAMINO)-3-OXO-1-PROPENYL DIMETHYL ESTER

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:33 mg/kg	ARSIM* 20,7,66
	orl-gpg LDLo:100 mg/kg	JEENAI 62,934,69
	scu-gpg LDLo:50 mg/kg	JEENAI 62,934,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORIC ACID, DIMETHYL ESTER, ester with DIMETHYL 3-HYDROXYGLUTACONATE see: LZ9450000

TC3150000 PHOSPHORIC ACID, DIMETHYL ESTER, ester with p-HYDROXYBENZENESULFONAMIDE

UPDT:8309 CAS: 115-92-4 MW: 281.24 MOLFM: C8-H12-N-O6-P-S
SYN: AC 28,865 * AMERICAN CYANAMID CL-28865 * 4-(AMINOSULFONYL)PHENYL DIMETHYL PHOSPHATE * BENZENESULFONAMIDE, p-HYDROXY-, DIMETHYL PHOSPHATE * CL-28865 * DIMETHYL PHOSPHATE ESTER with p-HYDROXYBENZENESULFONAMIDE * DIMETHYL-p-SULFAMOYLPHENYLPHOSPHATE * ENT 25,641 * PHOSPHORIC ACID, 4-(AMINOSULFONYL)PHENYL DIMETHYL ESTER

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:15 mg/kg	28ZEAL 4,194,69

TC3325000 PHOSPHORIC ACID, DIMETHYL ESTER, ester with p-HYDROXY-N,N-DIMETHYLBENZENESULFONAMIDE

UPDT:8306 CAS: 960-25-8 MW: 309.30 MOLFM: C10-H16-N-O6-P-S
SYN: DIMETHYL p-(DIMETHYLSULFAMOYL)PHENYL PHOSPHATE * FAMOXON

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:18 mg/kg	JAFCAU 15,845,67

PHOSPHORIC ACID, DIMETHYL ESTER, ester with cis-3-HYDROXY-N,N-DIMETHYLCROTONAMIDE see: TC3850000

TC3850000 PHOSPHORIC ACID, DIMETHYL ESTER, ester with (E)-3-HYDROXY-N,N-DIMETHYLCROTONAMIDE

UPDT:8408 CAS: 141-66-2 MW: 237.22 MOLFM: C8-H16-N-O5-P

SYN: BIDRIN * C 709 * CARBICRON * CIBA 709 * CROTONAMIDE, 3-HYDROXY-N,N-DIMETHYL-, cis-, DIMETHYL PHOSPHATE * CROTONAMIDE, 3-HYDROXY-N-N-DIMETHYL-, DIMETHYL PHOSPHATE, cis- * CROTONAMIDE, 3-HYDROXY-N-N-DIMETHYL-, DIMETHYL PHOSPHATE, (E)- * DIAPADRIN * DICROTOFOS (Dutch) * DICROTOPHOS * 3-(DIMETHOXYPHOSPHINYLOXY)-N,N-DIMETHYL-cis-CROTONAMIDE * 3-(DIMETHOXYPHOSPHINYLOXY)-N,N-DIMETHYLISOCROTONAMIDE * 3-(DIMETHYLAMINO)-1-METHYL-3-OXO-1-PROPENYL DIMETHYL PHOSPHATE * cis-2-DIMETHYLCARBAMOYL-1-METHYLVINYL DIMETHYLPHOSPHATE * O,O-DIMETHYL-O-(2-DIMETHYL-CARBAMOYL-1-METHYL-VINYL)PHOSPHAT (German) * 2-DIMETHYL cis-2-DIMETHYL-CARBAMOYL-1-METHYLVINYL PHOSPHATE * O,O-DIMETHYL O-(N,N-DIMETHYLCARBAMOYL-1-METHYLVINYL) PHOSPHATE * O,O-DIMETHYL-O-(1,4-DIMETHYL-3-OXO-4-AZA-PENT-1-ENYL)FOSFAAT (Dutch) * O,O-DIMETHYL-O-(1,4-DIMETHYL-3-OXO-4-AZA-PENT-1-ENYL)PHOSPHATE * DIMETHYL PHOSPHATE of 3-HYDROXY-N,N-DIMETHYL-cis-CROTONAMIDE * DIMETHYL PHOSPHATE ester with 3-HYDROXY-N,N-DIMETHYL-cis-CROTONAMIDE * O,O-DIMETIL-O-(1,4-DIMETIL-3-OXO-4-AZA-PENT-1-ENIL)-FOSFATO (Italian) * EKTAFOS * ENT 24,482 * 3-HYDROXYDIMETHYL CROTONAMIDE DIMETHYL PHOSPHATE * 3-HYDROXY-N,N-DIMETHYL-cis-CROTONAMIDE DIMETHYL PHOSPHATE * PHOSPHATE DE DIMETHYLE ET DE 2-DIMETHYLCARBAMOYL 1-METHYL VINYLE (French) * PHOSPHORIC ACID 3-(DIMETHYLAMINO)-1-METHYL-3-OXO-1-PROPENYL DIMETHYL ESTER * PHOSPHORIC ACID, DIMETHYL ESTER, ester with cis-3-HYDROXY-N,N-DIMETHYLCROTONAMIDE * PHOSPHORIC ACID, DIMETHYL 1-METHYL-N,N-(DIMETHYLAMINO)-3-OXO-1-PROPENYL ESTER, (E)-(9CI) * SD 3562 * SHELL SD-3562

MUTATION DATA AND REFERENCES:

mmo-esc 30 mmol/L/4H	MUREAV 32,133,75
mrc-smc 30 mmol/L/5H	MUREAV 32,133,75
sce-ham:ovr 300 umol/L	JTEHD6 8,939,81

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:13 mg/kg	ARSIM* 20,6,66
*	ihl-rat LC50:610 mg/m3/1H	FMCHA2 -,C79,83
	skn-rat LD50:42 mg/kg	WRPCA2 9,119,70
	scu-rat LD50:8137 ug/kg	BJPCBM 40,124,70
	unk-rat LD50:22 mg/kg	30ZDA9 -,314,71
	orl-mus LD50:11 mg/kg	GUCHAZ 6,196,73
*	ipr-mus LD50:9500 ug/kg	TXAPA9 16,446,70
	scu-mus LD50:11500 ug/kg	JPPMAB 19,612,67
	ivn-mus LD50:9900 ug/kg	JPPMAB 19,612,67
	skn-rbt LD50:168 mg/kg	GUCHAZ 6,196,73
	orl-pgn LD50:2 mg/kg	TXAPA9 20,57,71
	orl-ckn LD50:7970 ug/kg	TXAPA9 7,606,65
	orl-qal LD50:4 mg/kg	TXAPA9 20,57,71
	orl-dck LD50:4140 ug/kg	TXAPA9 22,556,72
	orl-bwd LD50:2 mg/kg	TXAPA9 21,315,72
	skn-bwd LD50:1300 ug/kg	TXAPA9 26,154,73

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 46,1,73
★ TLV-TWA 250 ug/m3 (skin) DTLVS* 4,137,80
STANDARDS & REGULATIONS:
★ EPA:FARM WORKER FIELD REENTRY FEREAC 39,16888,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TC4025000 PHOSPHORIC ACID, DIMETHYL ESTER, ester with (E)-3-HYDROXY-N-METHOXY-N-METHYLCROTONAMIDE
UPDT:8309 CAS: 25601-84-7 MW: 253.22 MOLFM: C8-H16-N-O6-P
SYN: C-2307 * CIBA C-2307 * CIBA-GEIGY C-2307 * 3-(DIMETHOXYPHOSPHINYLOXY)-N-METHYL-N-METHOXY-cis-CROTONAMIDE * ENT 27625 * 3-HYDROXY-N-METHOXY-N-METHYL-cis-CROTONAMIDE, DIMETHYL PHOSPHATE * METHOCROTOPHOS * (E)-(3-(METHOXYMETHYLAMINO)-1-METHYL-3-OXO-1-PROPENYL)DIMETHYL PHOSPHATE * NSC 195154 * PHOSPHORIC ACID, 3-(METHOXYMETHYLAMINO)-1-METHYL-3-OXO-1-PROPENYL DIMETHYL ESTER, (E)-

TOXICITY DATA AND REFERENCES:

orl-rat LD50:2 mg/kg	BESAAT 15,107,69
orl-mus LD50:2 mg/kg	BESAAT 15,107,69
orl-dog LD50:7 mg/kg	BESAAT 15,107,69
orl-rbt LD50:11 mg/kg	BESAAT 15,107,69
skn-rbt LD50:107 mg/kg	BESAAT 15,107,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORIC ACID, DIMETHYL ESTER, ESTER with cis-3-HYDROXY-N-METHYLCROTONAMIDE see: TC4375000

TC4375000 PHOSPHORIC ACID, DIMETHYL ESTER, ester with (E)-3-HYDROXY-N-METHYLCROTONAMIDE
UPDT:8408 CAS: 6923-22-4 MW: 223.19 MOLFM: C7-H14-N-O5-P
SYN: APADRIN * AZODRIN * AZODRIN INSECTICIDE * BILOBRAN * BILOBORN * C 1414 * CRISODRIN * CIBA 1414 * CRISODIN * CROTONAMIDE, 3-HYDROXY-N-METHYL-, DIMETHYLPHOSPHATE, cis- * CROTONAMIDE, 3-HYDROXY-N-METHYL-, DIMETHYLPHOSPHATE, (E)- * 3-(DIMETHOXYPHOSPHINYLOXY)N-METHYL-cis-CROTONAMIDE * (E)-DIMETHYL 1-METHYL-3-(METHYLAMINO)-3-OXO-1-PROPENYL PHOSPHATE * O,O-DIMETHYL-O-(2-N-METHYLCARBAMOYL-1-METHYL-VINYL)-FOSFAAT (Dutch) * O,O-DIMETHYL-O-(2-N-METHYLCARBAMOYL-1-METHYL)-VINYL-PHOSPHAT (German) * O,O-DIMETHYL-O-(2-N-METHYLCARBAMOYL-1-METHYL-VINYL) PHOSPHATE * DIMETHYL 1-METHYL-2-(METHYLCARBAMOYL)VINYL PHOSPHATE, cis * DIMETHYL PHOSPHATE ESTER with (E)-3-HYDROXY-N-METHYLCROTONAMIDE * DIMETHYL PHOSPHATE ESTER of 3-HYDROXY-N-METHYL-cis-CROTONAMIDE * DIMETHYL PHOSPHATE of 3-HYDROXY-N-METHYL-cis-CROTONAMINE * O,O-DIMETIL-O-(2-N-METILCARBAMOIL-1-METIL-VINIL)-FOSFATO (Italian) * ENT 27,129 * HAZODRIN * 3-HYDROXY-N-METHYLCROTONAMIDE DIMETHYL PHOSPHATE * 3-HYDROXY-N-METHYL-cis-CROTONAMIDE DIMETHYL PHOSPHATE * MONOKROTOFOSZ (Hungarian) * cis-1-METHYL-2-METHYL CARBAMOYL VINYL PHOSPHATE * MONOCIL 40 * MONOCRON * MONOCROTOPHOS * NUVACRON * PHOSPHATE DE DIMETHYLE ET DE 2-METHYL-CARBAMOYL 1-METHYL VINYLE (French) * PHOSPHORIC ACID, DIMETHYL ESTER, ESTER with cis-3-HYDROXY-N-METHYLCROTONAMIDE * PHOSPHORIC ACID, DIMETHYL 1-METHYL-3-(METHYLAMINO)-3-OXO-1-PROPENYL ESTER, (E)- * PLANTDRIN * PILLARDRIN * SD 9129 * SHELL SD 9129 * SUSVIN * ULVAIR

MUTATION DATA AND REFERENCES:

mmo-sat 500 ug/plate	NTIS** PB84-138973
mma-sat 1 mg/plate	NTIS** PB84-138973
mmo-esc 5 uL/plate	MUREAV 28,405,75
mmo-smc 2 pph	NTIS** PB84-138973
mma-smc 2 pph	NTIS** PB84-138973
mrc-smc 5 pph	NTIS** PB268-647
dns-hmn:fbr 1 mmol/L	NTIS** PB268-647
msc-mus:lym 750 mg/L	NTIS** PB84-138973
sce-ham:ovr 2000 ppm	NTIS** PB84-138973

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:8 mg/kg	FMCHA2 -,C161,83
3F11F23J22	ihl-rat LC50:63 mg/m3/4H	EGESAQ 24,173,80
	skn-rat LD50:112 mg/kg	WRPCA2 9,119,70
	ipr-rat LDLo:20 mg/kg	BECTA6 19,47,78
	scu-rat LD50:6964 ug/kg	BJPCBM 40,124,70
	ivn-rat LD50:9200 ug/kg	NTIS** PB277-077
	orl-mus LD50:15 mg/kg	ARSIM* 20,21,66
	ipr-mus LD50:8910 ug/kg	JPPMAB 19,612,67
	scu-mus LD50:8710 ug/kg	JPPMAB 19,612,67
	ivn-mus LD50:9200 ug/kg	JPPMAB 19,612,67
	skn-rbt LD50:354 mg/kg	SHELL*
	orl-pgn LD50:3 mg/kg	TXAPA9 20,57,71
	orl-ckn LD50:4 mg/kg	TXAPA9 11,49,67
	orl-qal LD50:4 mg/kg	TXAPA9 20,57,71
	orl-dck LD50:3360 ug/kg	TXAPA9 22,556,72
	skn-dck LD50:30 mg/kg	TXAPA9 47,451,79
	orl-bwd LD50:1.6 mg/kg	TXAPA9 20,57,71
	skn-bwd LD50:4200 ug/kg	TXAPA9 26,154,73

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 46,1,73; RREVAH 63,1,76
★ TLV-TWA 250 ug/m3 (skin) DTLVS* 4,290,80
STANDARDS & REGULATIONS:
★ EPA:FARM WORKER FIELD REENTRY FEREAC 39,16888,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORIC ACID, DIMETHYL ESTER, ester with METHYL 3-HYDROXYCROTONATE see: GQ5250000
PHOSPHORIC ACID, DIMETHYL 1-METHYL-N,N-(DIMETHYLAMINO)-3-OXO-1-PROPENYL ESTER, (E)-(9CI) see: TC3850000
PHOSPHORIC ACID, DIMETHYL 1-METHYL-3-(METHYLAMINO)-3-OXO-1-PROPENYL ESTER, (E)- see: TC4375000
PHOSPHORIC ACID, DIMETHYL 3-METHYL-4-(METHYLSULFINYL)PHENYL ESTER see: TC4985000
PHOSPHORIC ACID, DIMETHYL 3-METHYL-4-(METHYLTHIO)PHENYL ESTER see: TC5100000

TC4985000 PHOSPHORIC ACID, DIMETHYL 4-(METHYLSULFINYL)-m-TOLYL ESTER
UPDT:8309 CAS: 6552-13-2 MW: 278.28 MOLFM: C10-H15-O5-P-S
SYN: BAY 35681 * BAYER 35681 * DIMETHYL 3-METHYL-4-(METHYLSULFINYL)PHENYL PHOSPHATE * DIMETHYL 4-(METHYLSULFINYL)-m-TOLYL PHOSPHATE * ENT 25565 * PHOSPHORIC ACID, DIMETHYL 3-METHYL-4-(METHYLSULFINYL)PHENYL ESTER

TOXICITY DATA AND REFERENCES:

ipr-rat LDLo:22 mg/kg	TXAPA9 6,86,64

TC5075000 PHOSPHORIC ACID, DIMETHYL p-(METHYLTHIO)PHENYL ESTER
UPDT:8310 CAS: 3254-63-5 MW: 248.25 MOLFM: C9-H13-O4-P-S
SYN: ALLIED GC-6506 * O,O-DIMETHYL O-(4-METHYLMERCAPTOPHENYL) PHOSPHATE * DIMETHYL p-(METHYLTHIO)PHENYL PHOSPHATE * ENT 25734 * GC 6506 * HA-1200 * 4-METHYLTHIOPHENYLDIMETHYL PHOSPHATE * PHENOL, p-(METHYLTHIO)-, DIMETHYL PHOSPHATE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:7 mg/kg	TXAPA9 21,315,72
orl-mus LD50:18 mg/kg	ARTODN 34,103,75
skn-rbt LD50:48 mg/kg	28ZEAL 4,189,69
orl-bwd LD50:560 ug/kg	TXAPA9 21,315,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TC5100000 PHOSPHORIC ACID, DIMETHYL 4-(METHYLTHIO)-m-TOLYL ESTER
UPDT:8309 CAS: 6552-12-1 MW: 262.28 MOLFM: C10-H15-O4-P-S
SYN: BAY 35570 * BAYER 35570 * DIMETHYL 3-METHYL-4-(METHYLTHIO)PHENYL PHOSPHATE * DIMETHYL 4-(METHYLTHIO)-m-TOLYL PHOSPHATE * ENT 25564 * PHOSPHORIC ACID, DIMETHYL 3-METHYL-4-(METHYLTHIO)PHENYL ESTER

TOXICITY DATA AND REFERENCES:

ipr-rat LDLo:26 mg/kg	TXAPA9 6,86,64

TC5450000 PHOSPHORIC ACID, DIMETHYL 3,5,6-TRICHLORO-2-PYRIDYL ESTER
UPDT:8309 CAS: 5598-52-7 MW: 306.47 MOLFM: C7-H7-Cl3-N-O4-P
SYN: DIMETHYL 3,5,6-TRICHLORO-2-PYRIDYL PHOSPHATE * DOWCO 217 * ENT 27521 * FOSPIRAT * FOSPIRATE * FOSPIRATE METHYL * NSC 195058 * TORELLE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:869 mg/kg	SPEADM 78-1,45,78
orl-mus LD50:225 mg/kg	ARTODN 34,103,75
orl-bwd LD50:13 mg/kg	TXAPA9 21,315,72

TC5590000 PHOSPHORIC ACID, DIPROPYL 4-METHYLTHIOPHENYL ESTER
UPDT:8307 CAS: 60580-30-5 MW: 304.37 MOLFM: C13-H21-O4-P-S
SYN: O,O-DI-n-PROPYL-O-(4-METHYLTHIOPHENYL)PHOSPHATE * NK 1158

TOXICITY DATA AND REFERENCES:

orl-rat LD50:70 mg/kg	HDIZAB 26,91,78
ipr-rat LD50:35 mg/kg	HDIZAB 26,91,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TC5600000 PHOSPHORIC ACID, DIPROPYL p-NITROPHENYL ESTER
UPDT:8307 CAS: 1153-30-6 MW: 303.28 MOLFM: C12-H18-N-O6-P
SYN: BAY 55640 * DI-n-PROPYL PARAOXON * PARAOXON, DI-n-PROPYL * PARAOXON PROPYL * PROPYL-E 600 * PROPYLPARAOXON

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:38 mg/kg	JAFCAU 12,318,64

TC5620000 PHOSPHORIC ACID, DIPROPYL 2-PIPERIDINOETHYL ESTER
UPDT:8307 MW: 293.39 MOLFM: C13-H28-N-O4-P
SYN: DS-51 * 2-PIPERIDYLETHYL DIPROPYLPHOSPHORATE

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:275 mg/kg	RPTOAN 33,164,70

PHOSPHORIC ACID, DISODIUM SALT see: WC4500000

TC5725000 PHOSPHORIC ACID, DISODIUM SALT, DODECAHYDRATE
UPDT:8307 CAS: 10039-32-4 MW: 358.20 MOLFM: H-O4-P 2Na 12H2-O
SYN: SODIUM MONOHYDROGEN PHOSPHATE DODECAHYDRATE (2:1:1:12)

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:430 mg/kg	COREAF 257,791,63

PHOSPHORIC ACID (DOT) see: TB6300000
o-PHOSPHORIC ACID, liquid (DOT) see: TB6300000
o-PHOSPHORIC ACID, solid (DOT) see: TB6300000
PHOSPHORIC ACID, ISODECYL NICKEL(2+) SALT (2:3) see: QR7080000

TC6320000 PHOSPHORIC ACID, ISOPROPYL ESTER
UPDT:8308 CAS: 1623-24-1 MW: 140.09 MOLFM: C3-H9-O4-P
SYN: ISOPROPYL ACID PHOSPHATE SOLID (DOT) * ISOPROPYL PHOSPHORIC ACID, SOLID (DOT) * UN 1793 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PHOSPHORIC ACID, LEAD(2+) SALT (2:3) see: OG3675000
PHOSPHORIC ACID, (1-METHOXYCARBOXYPROPEN-2-YL) DIMETHYL ESTER see: GQ5250000
PHOSPHORIC ACID, 3-(METHOXYMETHYLAMINO)-1-METHYL-3-OXO-1-PROPENYL DIMETHYL ESTER, (E)- see: TC4025000
PHOSPHORIC ACID, METHYLFLUORO-, ISOPROPYL ESTER see: TA8400000

TC6593000 PHOSPHORIC ACID, MONOETHENYL ESTER
UPDT:8302 CAS: 36885-49-1 MW: 124.04 MOLFM: C2-H5-O4-P
SYN: MONOVINYL PHOSPHATE * VINYL DIHYDROGEN PHOSPHATE * VINYL PHOSPHATE

TOXICITY DATA AND REFERENCES:

3F07F13F23	orl-rat LD50:2550 mg/kg	GNAMAP 17,33,78
*	orl-ckn LD50:1500 mg/kg	TIVSAI 58,88,77
*	orl-brd LD50:823 mg/kg	TIVSAI 58,88,77

TC6593950 PHOSPHORIC ACID, MONOLITHIUM SALT
UPDT:8408 CAS: 13453-80-0 MW: 103.93 MOLFM: H2-O4-P Li
SYN: LITHIUM DIHYDROGEN ORTHOPHOSPHATE * LITHIUM DIHYDROGEN PHOSPHATE * LITHIUM DIHYDROPHOSPHATE * MONOLITHIUM PHOSPHATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1100 mg/kg	41HTAH -,28,78
*	orl-mus LD50:910 mg/kg	41HTAH -,28,78

TC6700000 PHOSPHORIC ACID, PENTYL ESTER
UPDT:8308 CAS: 12789-46-7 MW: 168.15 MOLFM: C5-H13-O4-P
SYN: AMYL ACID PHOSPHATE (DOT) * UN 2819 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

TC7700000 PHOSPHORIC ACID, TRIBUTYL ESTER

UPDT:8411 CAS: 126-73-8 MW: 266.36 MOLFM: C12-H27-O4-P

SYN: BUTYL PHOSPHATE, TRI- * CELLUPHOS 4 * TBP * TRIBUTILFOSFATO (Italian) * TRIBUTYLE (PHOSPHATE DE) (French) * TRIBUTYLFOSFAAT (Dutch) * TRIBUTYLPHOSPHAT (German) * TRIBUTYL PHOSPHATE * TRI-n-BUTYL PHOSPHATE

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open	JIHTAB 26,269,44
	eye-rbt 97 mg	AJOPAA 29,1363,46

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:12600 mg/kg (63D male)	TOLED5 13,29,82

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:3000 mg/kg	JIHTAB 26,269,44
*	ipr-rat LD50:251 mg/kg	GTPZAB 15(8),30,71
	ivn-rat LDLo:100 mg/kg	NATUAS 179,154,57
*	orl-mus LD50:1189 mg/kg	GTPZAB 15(8),30,71
*	ihl-mus LC50:1300 mg/m3	GTPZAB 15(8),30,71
	ipr-mus LDLo:63 mg/kg	CBCCT* 7,775,55

REVIEW AND REFERENCES:

★ TLV-TWA 200 ppb; STEL 400 ppb	DTLVS* 4,404,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 5 mg/m3 (SCP-P)	FEREAC 39,23540,74

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S208
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORIC ACID, TRI-o-CRESYL ESTER see: TD0350000
PHOSPHORIC ACID TRIETHYLENE IMIDE see: SZ1750000
PHOSPHORIC ACID TRIETHYLENEIMINE (DOT) see: SZ1750000

TC7900000 PHOSPHORIC ACID, TRIETHYL ESTER

UPDT:8401 CAS: 78-40-0 MW: 182.18 MOLFM: C6-H15-O4-P

SYN: ETHYL PHOSPHATE * TEP * TRIETHYL PHOSPHATE

MUTATION DATA AND REFERENCES:

	mmo-sat 160 mmol/L	MUREAV 21,175,73
	mmo-klp 5000 ppm	MUREAV 16,413,72
	mmo-omi 160 mmol/L	MUREAV 21,175,73
	sln-dmg-orl 10 mmol/L	MUREAV 21,175,73

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T72	orl-rat TDLo:57 gm/kg (92D pre/1-22D preg)	TXAPA9 12,360,68
1T02	orl-rat TDLo:12600 mg/kg (63D male)	TOLED5 13,29,82

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:1600 mg/kg	34ZIAG -,605,69
	ipr-rat LDLo:800 mg/kg	34ZIAG -,605,69
	ivn-rat LDLo:1000 mg/kg	NATUAS 179,154,57
	orl-mus LDLo:1600 mg/kg	34ZIAG -,605,69
	ipr-mus LDLo:800 mg/kg	34ZIAG -,605,69
	orl-gpg LDLo:1600 mg/kg	34ZIAG -,605,69
	ipr-gpg LDLo:800 mg/kg	34ZIAG -,605,69

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TC8225000 PHOSPHORIC ACID, TRIMETHYL ESTER

UPDT:8412 CAS: 512-56-1 MW: 140.09 MOLFM: C3-H9-O4-P

SYN: METHYL PHOSPHATE * NCI-C03781 * TMP * TRIMETHYL PHOSPHATE

MUTATION DATA AND REFERENCES:

	mmo-sat 320 mmol/L	MUREAV 21,175,73
	mma-sat 125 ug/plate	MUREAV 65,121,79
	mmo-esc 5 uL/plate	MUREAV 28,405,75
	mmo-srm 125 ug/disc	MUREAV 65,121,79
	mmo-klp 2 pph	MUREAV 16,413,72
	mmo-omi 320 mmol/L	MUREAV 21,175,73
	sln-dmg-unk 10 mmol/L	MUREAV 65,121,79
	sln-dmg-orl 1 mmol/L	MUREAV 28,465,75
	trn-dmg-orl 3 mmol/L	MUREAV 28,465,75
	cyt-hmn:lym 100 mmol/L/5H	MUREAV 65,121,79
	dnd-rat:lvr 300 umol/L	SinJF# 26OCT82
	cyt-rat-ipr 500 mg/kg/24H	MUREAV 65,121,79
	mnt-mus-ipr 5 gm/kg/5D	MUREAV 65,121,79
	mnt-mus-ipr 250 mg/kg/5D	MUREAV 28,101,75
	bfa-mus/sat 1750 mg/kg	MUREAV 65,121,79
	cyt-mus-unk 1250 mg/kg	MUREAV 65,121,79
	dlt-mus-orl 2500 mg/kg/5D-I	SCIEAS 168,584,70
	dlt-mus-par 200 mg/kg	MUREAV 65,121,79
	dlt-mus-ipr 1 mg/kg	MUREAV 65,121,79
	spm-mus-ipr 3500 mg/kg/5D	PNASA6 72,4425,75
	cyt-ham-orl 1 gm/kg/5D-I	ARZNAD 25,1889,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T23	orl-rat TDLo:500 mg/kg (5D male)	BCSTB5 1,523,73
1T02	orl-rat TDLo:12600 mg/kg (63D male)	TOLED5 13,29,82
2T01T23	orl-rat TDLo:5500 mg/kg (22D male)	EXPEAM 37,999,81
1T25	orl-mus TDLo:2500 mg/kg (5D male)	TXAPA9 23,288,72
1T35	orl-mus TDLo:2500 mg/kg (5D male)	SCIEAS 168,584,70
1T24	orl-mus TDLo:5 gm/kg (5D male)	SCIEAS 168 584,70
1T25	ipr-mus TDLo:700 mg/kg (1D male)	TXAPA9 23,288,72
1T35	ipr-mus TDLo:1 gm/kg (1D male)	SCIEAS 168,584,70
1T01	orl-ham TDLo:1 gm/kg (2D male)	ARZNAD 25,1889,75

TUMORIGENIC DATA AND REFERENCES:

2V02R60	orl-rat TDLo:31 gm/kg/2Y-C	NCITR* NCI-CG-TR-81,78
2V01T64	orl-mus TDLo:154 gm/kg/2Y-C	NCITR* NCI-CG-TR-81,78
2V03R60	orl-rat TD :16 gm/kg/2Y-I	NCITR* NCI-CG-TR-81,78
2V03R60	orl-rat TD :77 gm/kg/2Y-I	NCITR* NCI-CG-TR-81,78

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:840 mg/kg	NCILB* NCI-E-C-72-3252
	ipr-rat LDLo:800 mg/kg	JPPMAB 11,150,59
	ivn-rat LDLo:2400 mg/kg	NATUAS 179,154,57
3F07F12F17	unk-rat LD50:500 mg/kg	GNAMAP 17,37,78
	orl-mus LD50:1470 mg/kg	NCILB* NCI-E-C-72-3252
3F07F12F17	unk-mus LD50:540 mg/kg	GNAMAP 17,37,78
	orl-rbt LD50:1050 mg/kg	JPETAB 88,338,46
*	skn-rbt LD50:3388 mg/kg	AIHAAP 30,470,69
	orl-gpg LDLo:940 mg/kg	JPETAB 88,338,46
*	orl-qal LD50:750 mg/kg	JRPFA4 48,371,76

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-81,78)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TC8400000 PHOSPHORIC ACID, TRIPHENYL ESTER

UPDT:8404 CAS: 115-86-6 MW: 326.30 MOLFM: C18-H15-O4-P

SYN: CELLUFLEX TPP * TRIPHENYL PHOSPHATE * TPP

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3800 mg/kg	DTLVS* 4,420,80
	unk-rat LD50:3500 mg/kg	ARZNAD 7,585,57
	orl-mus LD50:1320 mg/kg	DTLVS* 4,420,80
*	scu-mky LDLo:500 mg/kg	DTLVS* 4,420,80
	scu-cat LD50:100 mg/kg	14CYAT 2,1916,63

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CRTXB2 3(13),289,75

★ TLV-TWA 3 mg/m3; STEL 6 mg/m3	DTLVS* 4,420,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 3 mg/m3 (SCP-P)	FEREAC 39,23540,74

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S210
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1179-0317

PHOSPHORIC ACID, TRIS(2-BUTOXYETHYL) ESTER see: KJ9800000
PHOSPHORIC ACID, TRIS(2-CHLOROETHYL)ESTER see: KK2450000
PHOSPHORIC ACID, TRIS(2,3-DIBROMOPROPYL) ESTER see: UB0350000
PHOSPHORIC ACID TRIS(1,3-DICHLORO-2-PROPYL)ESTER see: UB1473000
PHOSPHORIC ACID, TRIS(2-ETHYLHEXYL) ESTER see: MP0770000
PHOSPHORIC ACID, TRIS(2-METHYLPHENYL) ESTER see: TD0350000

TC9490000 PHOSPHORIC ACID, TRISODIUM SALT

UPDT:8308 CAS: 7601-54-9 MW: 163.94 MOLFM: O4-P 3Na

SYN: DRI-TRI * EMULSIPHOS 440/660 * NA 9148 (DOT) * NUTRIFOS STP * SODIUM PHOSPHATE * SODIUM PHOSPHATE, ANHYDROUS * SODIUM PHOSPHATE, TRIPASIC * SODIUM PHOSPHATE, TRIBASIC (DOT) * TRIBASIC SODIUM PHOSPHATE * TRINATRIUMPHOSPHAT (German) * TRISODIUM ORTHOPHOSPHATE * TRISODIUM PHOSPHATE * TROMETE * TSP

MUTATION DATA AND REFERENCES:

	sln-dmg-orl 11 pph	DRISAA 20,87,46

TOXICITY DATA AND REFERENCES:

	ivn-rbt LDLo:1580 mg/kg	HBAMAK 4,1289,35

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORM-E; LABEL:NONE	CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

TC9550000 PHOSPHORIC ACID, TRISODIUM SALT (chlorinated)

UPDT:8412 CAS: 56802-99-4 MW: 238.38 MOLFM: Cl-Na4-O5-P

SYN: CHLORINATED TRISODIUM PHOSPHATE * NCI-C55754

STATUS:

NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

PHOSPHORIC ACID, TRISODIUM SALT, DODEAHYDRATE see: TC9575000

TC9575000 PHOSPHORIC ACID, TRISODIUM SALT, DODECAHYDRATE

UPDT:8307 CAS: 10101-89-0 MW: 380.18 MOLFM: O4-P 3Na 12H2-O

SYN: PHOSPHORIC ACID, TRISODIUM SALT, DODEAHYDRATE * SODIUM PHOSPHATE TRIBASIC DODECAHYDRATE * SODIUM PHOSPHATE DODECAHYDRATE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:7400 mg/kg	AIHAAP 30,470,69
	ipr-mus LD50:430 mg/kg	COREAF 257,791,63

TD0175000 PHOSPHORIC ACID, TRITOLYL ESTER

UPDT:8412 CAS: 1330-78-5 MW: 368.39 MOLFM: C21-H21-O4-P

SYN: CELLUFLEX 179C * CRESYL PHOSPHATE * DISFLAMOLL TKP * DURAD * FYRQUEL 150 * IMOL S 140 * KRONITEX * LINDOL * NCI-C61041 * PHOSPHATE DE TRICRESYLE (French) * TRICRESILFOSFATI (Italian) * TRICRESYLFOSFATEN (Dutch) * TRICRESYL PHOSPHATE * TRICRESYLPHOSPHATE, with more than 3% ortho isomer (DOT) * TRIKRESYLPHOSPHATE (German) * TRIS(TOLYLOXY)PHOSPHINE OXIDE * TRITOLYL PHOSPHATE * UN 2574 (DOT)

IRRITATION DATA AND REFERENCES:

	eye-rbt 500 mg/24H MLD	28ZPAK -,207,72

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:90 gm/kg (90D male)	OYYAA2 8,107,74
1T12	orl-rat TDLo:27 gm/kg (90D pre)	OYYAA2 8,107,74

TOXICITY DATA AND REFERENCES:

3C08F17F18	orl-wmn TDLo:70 mg/kg/14D	LANCAO 1,88,81
	orl-rat LDLo:4680 mg/kg	28ZPAK -,207,72
*	orl-mus LD50:3900 mg/kg	85GMAT -,114,82
	orl-dog LDLo:500 mg/kg	29ZWAE -,339,68
2C08F19	skn-cat LD50:1500 mg/kg	TOLED5 1000(Sp 1),141,80
	orl-rbt LDLo:100 mg/kg	29ZWAE -,339,68

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:POISON	CFRGBR 49,172.102,83

STATUS:

NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD0350000 PHOSPHORIC ACID, TRI-o-TOLYL ESTER

UPDT:8406 CAS: 78-30-8 MW: 368.39 MOLFM: C21-H21-O4-P

SYN: o-CRESYL PHOSPHATE * PHOSFLEX 179-C * PHOSPHORIC ACID, TRI-o-CRESYL ESTER * PHOSPHORIC ACID, TRIS(2-METHYLPHENYL) ESTER * TOCP * TOFK * o-TOLYL PHOSPHATE * TOTP * TRICRESYL PHOSPHATE * TRI-o-CRESYL PHOSPHATE * o-TRIKESYLPHOSPHATE (German) * TRI 2-METHYLPHENYL PHOSPHATE * TRIORTHOCRESYL PHOSPHATE * TRIS(o-CRESYL)-PHOSPHATE * TRIS(o-METHYLPHENYL)PHOSPHATE * TRIS(o-TOLYL)-PHOSPHATE * TRI-o-TOLYL PHOSPHATE * TRI-2-TOLYL PHOSPHATE * TROJKREZYLU FOSFORAN (Polish)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1160 mg/kg	TOXID9 4,55,84
	unk-rat LD50:12 gm/kg	ARZNAD 7,585,57
	ipr-mus LDLo:50 mg/kg	JPETAB 79,225,43
	scu-dog LDLo:500 mg/kg	AEPPAE 168,473,32
	unk-mky LDLo:1000 mg/kg	AEPPAE 165,84,32
3C08F19J30	scu-cat LDLo:185 mg/kg	JHHBAI 52,39,33
	orl-rbt LDLo:500 mg/kg	AEPPAE 168,473,32
	ipr-rbt LDLo:100 mg/kg	AEPPAE 168,473,32
	scu-rbt LDLo:100 mg/kg	AEPPAE 168,473,32
	ivn-rbt LDLo:100 mg/kg	AEPPAE 168,473,32
	ims-rbt LDLo:135 mg/kg	AEPPAE 171,439,33
	scu-gpg LDLo:300 mg/kg	AEPPAE 168,473,32
	scu-dog LDLo:300 mg/kg	AEPPAE 165,84,32

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CRTXB2 3(13),289,75; IRXPAT 3,219,64; CRTXB2 2,365,73; CMTVAS 10(3),49,73; ARENAA 26,29,81

★ TLV-TWA 100 ug/m3; STEL 300 ug/m3 (skin)	DTLVS* 4,418,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 0.1 mg/m3 (SCP-P)	FEREAC 39,23540,74

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S209
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

TD0590000 PHOSPHORIC ACID, ZINC SALT (2:3)

UPDT:8412 CAS: 7779-90-0 MW: 141.58 MOLFM: H3-O4-P 2/3Zn

TOXICITY DATA AND REFERENCES:

1J30	ipr-mus LD50:552 mg/kg	GISAAA 47(8),23,82

TD0600900 PHOSPHORIC ACID, ZINC SALT

UPDT:8408 CAS: 13847-22-8 MW: 555.59 MOLFM: H3-O4-P .xZn

SYN: ACID ZINC PHOSPHATE * BONDERITE 181 * ZINC ACID PHOSPHATE * ZINC PHOSPHATE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:600 mg/kg	GISAAA 47(8),23,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

PHOSPHORIC ANHYDRIDE (DOT) see: TH3945000

PHOSPHORIC BROMIDE see: TH3980000

PHOSPHORIC CHLORIDE see: TB6125000

PHOSPHORIC SULFIDE see: TH4375000

TD0875000 PHOSPHORIC TRIAMIDE, HEXAMETHYL-

UPDT:8411 CAS: 680-31-9 MW: 179.24 MOLFM: C6-H18-N3-O-P

SYN: ENT 50882 * HEMPA * HEXAMETAPOL * HEXAMETHYL PHOSPHORAMIDE * HEXAMETHYLPHOSPHORIC ACID TRIAMIDE * HEXAMETHYLPHOSPHORIC TRIAMIDE * N,N,N,N,N,N-HEXAMETHYLPHOSPHORIC TRIAMIDE * HEXAMETHYLPHOSPHOROTRIAMIDE * HEXAMETHYLPHOSPHOTRIAMIDE * HEXMETHYLPHOSPHORAMIDE * HMPA * HMPT * HPT * PHOSPHORIC TRIS(DIMETHYLAMIDE) * PHOSPHORYL HEXAMETHYLTRIAMIDE * TRI(DIMETHYLAMINO)PHOSPHINEOXIDE * TRIS(DIMETHYLAMINO)PHOSPHINE OXIDE * TRIS(DIMETHYLAMINO)PHOSPHORUS OXIDE

MUTATION DATA AND REFERENCES:

	mma-sat 4 ug/plate	BJCAAI 36,564,77
	mma-esc 50 ug/plate	PMRSDJ 1,351,81
	dnd-bcs 20 uL/disc	PMRSDJ 1,175,81
	slt-dmg-mul 250 ppm	PMRSDJ 1,651,81
	sln-dmg-par 1000 ppm	IMSUAI 38,442,69
	sln-dmg-orl 100 ppm	PMRSDJ 1,666,81
	dlt-dmg-par 5 mmol/L	FOBLAN 18,139,72
	trn-dmg-par 10 mmol/L	FOBLAN 18,139,72
	mmo-smc 100 mg/L	PMRSDJ 1,414,81
	dnr-smc 100 mg/L	PMRSDJ 1,502,81
	mrc-smc 2 gm/L	PMRSDJ 1,481,81
	sln-smc 25 mg/L	PMRSDJ 1,468,81
	cyt-oin-skn 250 ppm	CYTOAN 38,21,73
	cyt-oin-par 159 mmol/L	CNJGA8 11,648,69
	dlt-oin-par 30 ug	MUREAV 7,63,69
	dlt-oin-unk 100 ppm	BWHOA6 47,305,72
	spm-oin-par 200 ug	ABABAC 17,661,77
	otr-hmn:lvr 80 ug/L	BJCAAI 37,873,78
	dns-hmn:fbr 156 mg/L	PMRSDJ 1,517,81
	cyt-hmn:leu 5 mmol/L	CHROAU 24,314,68
	mnt-mus-unk 2560 mg/kg	MUREAV 113,308,83
	mnt-mus-unk 2560 mg/kg/2D-C	MUREAV 113,306,83
	mnt-mus-ipr 1280 mg/kg	MUREAV 122,143,83
	sce-mus-ipr 1700 ug/kg	PMRSDJ 1,673,81
	dlt-mus-ipr 250 mg/kg/12H	FOBLAN 16,407,70
	msc-mus:lym 3 gm/L	PMRSDJ 1,580,81
	spm-mus-ipr 50 mg/kg/5D	BIRUAA 18,94,80
	otr-ham:fbr 25 ug/L	BJCAAI 36,564,77
	otr-ham:kdy 80 ug/L	BJCAAI 37,873,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-rat TDLo:2430 mg/kg (MGN)	TXAPA9 18,499,71
1T02	orl-rat TDLo:2 gm/kg (1D male)	NATUAS 211,146,66

TUMORIGENIC DATA AND REFERENCES:

2V01D09	ihl-rat TCLo:50 ppb/52W-C	AJPAA4 106,8,82
2V01D09	ihl-rat TC :400 ppb/35W-I	SCIEAS 190,422,75
2V01D09	ihl-rat TC :100 ppb/26W-C	AJPAA4 106,8,82
2V01D09	ihl-rat TC :50 ppb/6H/1Y-C	JJIND8 68,157,82
2V01D09	ihl-rat TC :4000 ppb/39W-C	AJPAA4 106,8,82
2V01D09	ihl-rat TC :100 ppb/6H/26W-I	JJIND8 68,157,82
2V01D09	ihl-rat TC :400 ppb/6H/43W-I	JJIND8 68,157,82
2V03D09	ihl-rat TD :50 ppb/6H/52W-I	TXAPA9 62,90,82
2V03D09	ihl-rat TD :100 ppb/6H/26W-I	TXAPA9 62,90,82
2V03D09	ihl-rat TC :50 ppb/6H/52W-I	ENVRAL 33,106,84

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2525 mg/kg	85DZAJ -,315,68
	skn-rat LDLo:3500 mg/kg	NATUAS 211,146,66
*	ipr-mus LD50:1600 mg/kg	PMRSDJ 1,682,81
	ivn-mus LD50:800 mg/kg	CHINAG (36),1529,66
*	orl-rbt LDLo:1500 mg/kg	JEENAI 48,139,55
	skn-rbt LD50:2600 mg/kg	TXAPA9 18,499,71
	orl-gpg LD50:1600 mg/kg	85DZAJ -,315,68
	skn-gpg LD50:1175 mg/kg	85DZAJ -,315,68
	orl-ckn LD50:835 mg/kg	TXAPA9 16,100,70
*	orl-qal LD50:1000 mg/kg	JRPFA4 48,371,76

REVIEW AND REFERENCES:

★	CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 15,211,77
★	TLV-SUSPECTED CARCINOGEN	DTLVS* 4,215,80

STATUS:

★ NIOSH CURRENT INTELLIGENCE BULLETIN 6, 1975

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD0897000 PHOSPHORIC TRIAMIDE, PENTAMETHYL-

UPDT:8311 CAS: 10159-46-3 MW: 165.21 MOLFM: C5-H16-N3-O-P

SYN: ENT 51295 * PENTAMETHYLPHOSPHORIC TRIAMIDE * PENTAMETHYLPHOSPHORAMIDE

MUTATION DATA AND REFERENCES:

	mma-sat 500 umol/L	ENMUDM 5,476,83

PHOSPHORIC TRIAMIDE, N,N',N'-TRIETHYLENE see: SZ1750000

PHOSPHORIC TRIS(DIMETHYLAMIDE) see: TD0875000

TD1780000 PHOSPHOROCHLORIDOTHIOIC ACID, O,O-DIETHYL ESTER

UPDT:8408 CAS: 2524-04-1 MW: 188.62 MOLFM: C4-H10-Cl-O2-P-S

SYN: O,O-DIETHYLPHOSPHOROCHLORIDOTHIOATE * DIETHYLCHLORTHIOFOSFAT (Czech) * DIETHYLCHLOROTHIOPHOSPHATE * DIETHYLTHIOPHOSPHORYL CHLORIDE (DOT) * PHOSPHONOTHIOIC ACID, CHLORO-, O,O-DIETHYL ESTER * UN 2751 (DOT)

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:1000 mg/kg	34ZIAG -,393,69
	ihl-rat LCLo:20 ppm/4H	28ZPAK -,214,72
	orl-mus LD50:910 mg/kg	HYSAAV 33(12),334,68
*	ihl-mus LC50:725 mg/m3/2H	85GMAT -,51,82
	orl-rbt LD50:900 mg/kg	HYSAAV 33(12),334,68
	skn-rbt LDLo:250 mg/kg	34ZIAG -,393,69
	orl-gpg LD50:810 mg/kg	HYSAAV 33(12),334,68

STANDARDS & REGULATIONS:

★	DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE, FLAMMABLE LIQUID	CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

TD1830000 PHOSPHOROCHLORIDOTHIOIC ACID, O,O-DIMETHYL ESTER

UPDT:8408 CAS: 2524-03-0 MW: 160.56 MOLFM: C2-H6-Cl-O2-P-S

SYN: DIMETHYL CHLOROTHIOPHOSPHATE (DOT) * DIMETHYLCHLORTHIOFOSFAT (Czech) * O,O-DIMETHYLESTER KYSELINY CHLORTHIOFOSFORECNE (Czech) * O,O-DIMETHYLPHOSPHOROCHLORIDOTHIOATE * DIMETHYL PHOSPHOROCHLORIDOTHIOATE (DOT) * METHYL PCT * NA 2922 (DOT) * PHOSPHONOTHIOIC ACID, CHLORO-, O,O-DIMETHYL ESTER

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:1000 mg/kg	34ZIAG -,393,69
*	ihl-rat LC50:340 mg/m3/4H	85GMAT -,56,82
*	orl-mus LD50:1800 mg/kg	85GMAT -,56,82
*	ihl-mus LC50:320 mg/m3/2H	85GMAT -,56,82
	skn-rbt LDLo:750 mg/kg	34ZIAG -,393,69

STANDARDS & REGULATIONS:

★	DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE	CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0381-0387

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD2530000 PHOSPHORODIAMIDIC ACID, N,N-BIS(2-CHLOROETHYL)-, CYCLOHEXYLAMINE SALT

UPDT:8302 CAS: 1566-15-0 MW: 320.24 MOLFM: C4-H11-Cl2-N2-O2-P .C6-H13-N

SYN: N,N-BIS(2-CHLOROETHYL)PHOSPHORODIAMIDIC ACID, CYCLOHEXYLAMMONIUM SALT * N-LOST-PHOSPHORSAUREDIAMID (German) * NLPD * NSC-69945 * PHOSPHORAMIDE MUSTARD

MUTATION DATA AND REFERENCES:

	mmo-sat 25 ug/plate	CNREA8 42,3016,82
	mma-sat 25 ug/plate	CNREA8 42,3016,82
	mma-esc 1 mmol/L	JTEHD6 3,637,77
	dnd-smc 100 umol/L	CBINA8 39,1,82
	sce-rat:emb 50 ug/L	ENMUDM 2,302,80
	otr-mus:emb 1 umol/L	CBINA8 38,75,81
	dnd-mus:leu 150 umol/L	MOPMA3 19,331,81
	dnd-mus:emb 12 umol/L	CBINA8 38,75,81
	cyt-ham:ovr 200 umol/L	CGCGBR 26,108,80
	sce-ham:ovr 10 umol/L	CGCGBR 26,108,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T34	ipr-mus TDLo:61 mg/kg (11D preg)	TJADAB 4,141,71
1T46	ipr-mus TDLo:270 mg/kg (11D preg)	TJADAB 4,141,71
1T53	ipr-mus TDLo:154 mg/kg (11D preg)	TJADAB 4,141,71

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:184 mg/kg	ARZNAD 32,639,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORODIAMIDIC ACID, N,N-BIS(2-CHLOROETHYL)-N'-3-HYDROXYPROPYLCYCLOHEXYLAMINE SALT see: RP5945000

PHOSPHORODIAMIDIC ACID, N,N-BIS(2-CHLOROETHYL)-N'-(3-HYDROXYPROPYL)-, intramol. ESTER see: RP5950000

TD2633000 PHOSPHORODIAMIDIC ACID, N,N'-BIS(alpha-METHYLPHENETHYL)-, PHENYL ESTER

UPDT:8312 MW: 408.52 MOLFM: C24-H29-N2-O2-P

SYN: N,N'-BIS(alpha-METHYLPHENETHYL)PHOSPHORODIAMIDIC ACID PHENYL ESTER * PHENYL N,N'-BIS(1-METHYL-2-PHENYLETHYL)PHOSPHORODIAMIDATE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:100 mg/kg	JPMSAE 55,1400,66

PHOSPHORODIAMIDIC ACID, N,N'-DIMETHYL-, 3-METHYL-4-(METHYLTHIO)PHENYL ESTER see: TD2700000

TD2700000 PHOSPHORODIAMIDIC ACID, N,N'-DIMETHYL-, 4-(METHYLTHIO)-m-TOLYL ESTER

UPDT:8309 CAS: 17027-36-0 MW: 260.32 MOLFM: C10-H17-N2-O2-P-S

SYN: BAY 33904 * BAYER 33904 * ENT 25,677 * 3-METHYL-4-(METHYLTHIO)PHENYL N,N'-DIMETHYLPHOSPHORODIAMIDATE * PHOSPHORODIAMIDIC ACID, N,N'-DIMETHYL-, 3-METHYL-4-(METHYLTHIO)PHENYL ESTER

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:250 mg/kg	ARSIM* 20,4,66

TD2800000 PHOSPHORODIAMIDIC ACID, N,N'-DIMETHYL-, PHENYL ESTER

UPDT:8309 CAS: 1754-58-1 MW: 200.20 MOLFM: C8-H13-N2-O2-P

SYN: DIAMIDAFOS * DIAMIDFOS * DOWCO 169 * NELLITE * O-PHENYL-N,N'-DIMETHYL PHOSPHORODIAMIDATE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:140 mg/kg	SPEADM 74-1,-,74
	orl-rbt LD50:63 mg/kg	SPEADM 74-1,-,74
*	skn-rbt LD50:100 mg/kg	FMCHA2 -,C166,83
	orl-bwd LD50:13 mg/kg	TXAPA9 21,315,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD3675000 PHOSPHORODIAMIDIC FLUORIDE, N,N'-DIISOPROPYL-

UPDT:8308 CAS: 371-86-8 MW: 182.21 MOLFM: C6-H16-F-N2-O-P

SYN: BIS(ISOPROPYLAMIDO) FLUOROPHOSPHATE * BIS(MONOISOPROPYLAMINO)FLUOROPHOSPHATE * BIS(MONOISOPROPYLAMINO)FLUOROPHOSPHINE OXIDE * N,N'-DIISOPROPIL-FOSFORODIAMMIDO-FLUORURO (Italian) * DI(ISOPROPYLAMIDO)PHOSPHORYL FLUORIDE * N,N'-DIISOPROPYL-DIAMIDO-FOSFORZUUR-FLUORIDE (Dutch) * N,N'-DIISOPROPYL-DIAMIDO-PHOSPHORSAEURE-FLUORID (German) * N,N'-DIISOPROPYLDIAMIDOPHOSPHORYL FLUORIDE * N,N'-DIISOPROPYLPHOSPHORODIAMIDIC FLUORIDE * FLUOROBISISOPROPYLAMINOPHOSPHINE OXIDE * FLUORURE DE N,N'-DIISOPROPYLE PHOSPHORODIAMIDE (French) * ISOPESTOX * MIPAFOX * MIPAFOX (DOT) * PESTOX 15 * PESTON XV * PESTOX XV * PHOSPHINE OXIDE, FLUOROBIS(ISOPROPYLAMINO)- * PHOSPHORODI(ISOPROPYLAMIDIC) FLUORIDE * UN 2783 (DOT)

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:90 mg/kg	PAREAQ 11,636,59
	scu-rat LD50:75 mg/kg	JEENAI 50,356,57
	unk-rat LD50:50 mg/kg	30ZDA9 -,316,71
	ipr-mus LD50:14 mg/kg	BECTA6 2,163,67
	orl-rbt LD50:100 mg/kg	GUCHAZ 6,357,73
	orl-gpg LD50:80 mg/kg	PCOC** -,628,66

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CRTXB2 3(13),289,75; IRXPAT 3,219,64

STANDARDS & REGULATIONS:

★	DOT-HAZARD:CRM-A; LABEL:NONE	CFRGBR 49,172.101,82

TD4025000 PHOSPHORODIAMIDIC FLUORIDE, TETRAMETHYL-

UPDT:8310 CAS: 115-26-4 MW: 154.15 MOLFM: C4-H12-F-N2-O-P

SYN: BFP * BFPO * BIS(DIMETHYLAMIDO)FLUOROPHOSPHATE * BIS(DIMETHYLAMIDO)-PHOSPHORYL FLUORIDE * BIS(DIMETHYLAMINO)FLUOROPHOSPHATE * BISDIMETHYLAMINOFLUOROPHOSPHINE OXIDE * CR 409 * DIFO * DIMEFOX * DMF * ENT 19,109 * FLUOPHOSPHORIC ACID DI(DIMFTHYLAMIDE) * FLUORURE DE N,N,N',N'-TETRAMETHYLE PHOSPHORO-DIAMIDE (French) * HANANE * PESTOX IV * PESTOX XIV * PESTOX 14 * PHOSPHINE OXIDE, BIS(DIMETHYLAMINO)FLUORO- * S-14 * T-2002 * TERRA-SYSTAM * TERRA-SYTAM * TERRASYTUM * N,N,N',N'-TETRAMETHYL-DIAMIDO-FOSFORZUUR-FLUORIDE (Dutch) * TETRAMETHYLDIAMIDOPHOSPHORIC FLUORIDE * N,N,N',N'-TETRAMETHYL-DIAMIDO-PHOSPHORSAEURE-FLUORID (German) * TETRAMETHYLPHOSPHORODIAMIDIC FLUORIDE * N,N,N,N-TETRAMETHYLPHOSPHORODIAMIDIC FLUORIDE * N,N,N',N'-TETRAMETIL-FOSFORODIAMMIDO-FLUORURO (Italian) * TETRA SYTAM * TL 792 * WACKER S 14/10

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1 mg/kg	NTIS** PB158-508
	skn-rat LD50:2 mg/kg	WRPCA2 9,119,70
1Y01	ipr-rat LD50:5 mg/kg	AMIHBC 6,9,52
	scu-rat LDLo:300 ug/kg	NTIS** PB158-508

orl-mus LD50:2 mg/kg BESAAT 12,161,66
ipr-mus LD50:1400 ug/kg JPETAB 112,231,54
scu-mus LD50:1 mg/kg NTIS** PB158-508
ivn-dog LD50:5 mg/kg JPETAB 112,231,54
orl-cat LD50:2 mg/kg NTIS** PB158-508
orl-rbt LD50:3 mg/kg NTIS** PB158-508
scu-rbt LD50:6 mg/kg NTIS** PB158-508
ivn-rbt LD50:3 mg/kg NTIS** PB158-508
orl-gpg LD50:4 mg/kg NTIS** PB158-508
ipr-gpg LD50:2500 ug/kg JPETAB 112,231,54
scu-gpg LD50:2 mg/kg NTIS** PB158-508
scu-dom LD50:2 mg/kg NTIS** PB158-508
3C08F05J30 par-nml LD50:1410 mg/kg AIPTAK 124,212,60

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 46,1,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD4150000 PHOSPHORODIAMIDOTHIOIC ACID, TETRAMETHYL-, S-BUTYL ESTER
UPDT:8309 CAS: 18545-48-7 MW: 224.34 MOLFM: C8-H21-N2-O-P-S
SYN: S-BUTYL TETRAMETHYLPHOSPHORODIAMIDOTHIOATE * ENT 27,325 * NSC 190925 * SD-10268 * SHELL SD-10268

TOXICITY DATA AND REFERENCES:
orl-rat LD50:208 mg/kg ARSIM* 20,21,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD4390000 PHOSPHORODICHLORIDIC ACID, ETHYL ESTER
UPDT:8308 CAS: 1498-51-7 MW: 162.94 MOLFM: C2-H5-Cl2-O2-P
SYN: DICHLOROPHOSPHORIC ACID, ETHYL ESTER * ETHYL PHOSPHORODICHLORIDATE * ETHYL PHOSPHORODICHLORIDATE (DOT) * NA 1760 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TD4400000 PHOSPHORODICHLORIDOTHIOIC ACID, O-ETHYL ESTER
UPDT:8308 MW: 179.00 MOLFM: C2-H5-Cl2-O-P-S
SYN: ETHYLDICHLORTHIOFOSFAT (Czech) * O-ETHYLESTER KYSELINY DICHLORTHIOFOSFORECNE (Czech) * ETHYL PHOSPHONOTHIOIC DICHLORIDE, ANHYDROUS (DOT) * MONOETHYLDICHLOROTHIOPHOSPHATE * NA 1760 (DOT) * TL 429

TOXICITY DATA AND REFERENCES:
orl-rat LD50:900 mg/kg HYSAAV 33(12),334,68
ihl-rat LCLo:32 ppm/4H 28ZPAK -,214,72
orl-mus LD50:720 mg/kg HYSAAV 33(12),334,68
ihl-mus LCLo:3060 mg/m3/10M NDRC** NDCrc-132,Nov,42
orl-rbt LD50:850 mg/kg HYSAAV 33(12),334,68
orl-gpg LD50:750 mg/kg HYSAAV 33(12),334,68

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

TD4410000 PHOSPHORODICHLORIDOTHIOUS ACID, PHENYL-
UPDT:8308 CAS: 14684-25-4 MW: 211.04 MOLFM: C6-H5-Cl2-P-S
SYN: BENZENE PHOSPHORUS THIODICHLORIDE (DOT) * UN 2799 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

TD4460000 PHOSPHORODIFLUORIDIC ACID
UPDT:8308 CAS: 13779-41-4 MW: 101.98 MOLFM: F2-H-O2-P
SYN: DIFLUOROPHOSPHORIC ACID * DIFLUOROPHOSPHORIC ACID, anhydrous (DOT) * UN 1768 (DOT)

REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TD4500000 PHOSPHORODIFLUORIDIC ACID, POTASSIUM SALT
UPDT:8209 CAS: 13767-90-3 MW: 140.07 MOLFM: F2-O2-P.K
SYN: POTASSIUM DIFLUOROPHOSPHATE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#00129

REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

PHOSPHORODI(ISOPROPYLAMIDIC) FLUORIDE see: TD3675000

PHOSPHORODITHIOIC ACID, S-(2-(ACETYLAMINO)ETHYL) O,O-DIMETHYL ESTER see: TE0350000

PHOSPHORODITHIOIC ACID, S-((ACETYLOXY)METHYL) O,O-DIMETHYL ESTER see: TE4420000

PHOSPHORODITHIOIC ACID, S-((((AMINOCARBONYL)METHYLAMINO)CARBONYL)METHYL) O,O-DIETHYL ESTER see: TD8270000

PHOSPHORODITHIOIC ACID, S-(((2-((AMINOCARBONYL)OXY)ETHYL)THIO)METHYL) O,O-DIMETHYL ESTER see: FB3950000

PHOSPHORODITHIOIC ACID, S-((2-BENZOTHIAZOLYLTHIO)METHYL) O,O-DIETHYL ESTER see: TD8300000

TD4900000 PHOSPHORODITHIOIC ACID, S,S'-BENZYLIDENE O,O,O',O'-TETRAMETHYL ESTER
UPDT:8309 CAS: 2782-70-9 MW: 404.47 MOLFM: C11-H18-O4-P2-S4
SYN: S,S'-BENZYLIDENE BIS(O,O-DIMETHYL PHOSPHORODITHIOATE) * BENZYLIDENEMETHYLPHOSPHORODITHIOATE * ENT 25,739 * S,S'-(PHENYLMETHYLENE)BIS(O,O-DIMETHYL PHOSPHORODITHIOATE) * PHOSPHORODITHIOIC ACID, S,S'-(PHENYLMETHYLENE)-, O,O,O',O'-TETRAMETHYL ESTER * SD 7438 * SHELL SD 7,438 * TOLUENE-alpha,alpha-DITHIOL, BIS(O,O-DIMETHYL PHOSPHORODITHIOATE)

TOXICITY DATA AND REFERENCES:
orl-rat LD50:280 mg/kg 28ZEAL 4,371,69
orl-mus LD50:176 mg/kg ARSIM* 20,19,66
skn-rbt LD50:2500 mg/kg BESAAT 12,161,66
orl-ckn LD50:5096 mg/kg TXAPA9 11,49,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD5010000 PHOSPHORODITHIOIC ACID, O,O-BIS(2-(2-CHLOROETHOXY)ETHYL) ESTER, POTASSIUM SALT
UPDT:8412 MW: 381.33 MOLFM: C8-H16-Cl2-O4-P-S2.K

TOXICITY DATA AND REFERENCES:
3F07F11F19 orl-mus LD50:3 gm/kg GISAAA 47(3),88,82

PHOSPHORODITHIOIC ACID, O,O-BIS(1-METHYLETHYL) S-(2-((PHENYLSULFONYL)AMINO)ETHYL ESTER see: TE0250000

TD5100000 PHOSPHORODITHIOIC ACID, O-BUTYL-S-BENZYL-S-ETHYL ESTER
UPDT:8309 CAS: 27949-52-6 MW: 304.43 MOLFM: C13-H21-O2-P-S2
SYN: O-BUTYL-S-BENZYL-S-ETHYL PHOSPHORODITHIOATE * CONEN

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:870 mg/kg FMCHA2 -,C59,83

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 53,99,74

PHOSPHORODITHIOIC ACID S-((tert-BUTYLTHIO)METHYL) O,O-DIETHYL ESTER see: TD7200000

TD5165000 PHOSPHORODITHIOIC ACID, S-(2-CHLORO-1-(1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)ETHYL) O,O-DIETHYL ESTER
UPDT:8309 CAS: 10311-84-9 MW: 393.86 MOLFM: C14-H17-Cl-N-O4-P-S2
SYN: S-(2-CHLORO-1-(1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)ETHYL)O,O-DIETHYL PHOSPHORODITHIOATE * S-(2-CHLORO-1-PHTHALIMIDOETHYL) O,O-DIETHYL PHOSPHORODITHIOATE * DIALIFOR * DIALIFOS * O,O-DIETHYL S-(2-CHLORO-1-PHTHALIMIDOETHYL)PHOSPHORODITHIOATE * ENT 27320 * HERCULES 14503 * PHOSPHORODITHIOIC ACID, S-(2-CHLORO-1-PHTHALIMIDOETHYL) O,O-DIETHYL ESTER * TORAK

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-ham TDLo:100 mg/kg (8D preg) TXAPA9 16,24,70
1T46 orl-ham TDLo:200 mg/kg (7D preg) TXAPA9 16,24,70

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5 mg/kg BESAAT 15,122,69
orl-mus LD50:39 mg/kg BESAAT 15,122,69
orl-dog LD50:94 mg/kg 85DPAN -,-,71/76
orl-rbt LD50:35 mg/kg BESAAT 15,122,69
skn-rbt LD50:145 mg/kg 28ZEAL 5,71,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD5170000 PHOSPHORODITHIOIC ACID, S-(CHLOROMETHYL) O,O-DIETHYL ESTER
UPDT:8309 CAS: 24934-91-6 MW: 234.71 MOLFM: C5-H12-Cl-O2-P-S2
SYN: CHLORMEPHOS * S-(CHLOROMETHYL) O,O-DIETHYLPHOSPHORODITHIOATE * S-CHLOROMETHYL-O,O-DIETHYLPHOSPHOROTHIOLOTHIONATE * DOTAN * MC 2188

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:7 mg/kg FMCHA2 -,C53,83
skn-rat LD50:27 mg/kg GUCHAZ 6,103,73

STATUS:
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0978-0239
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD5175000 PHOSPHORODITHIOIC ACID, S-((6-CHLORO-2-OXO-3(2H)-BENZOXAZOLYL)METHYL)O,O-DIETHYL ESTER
UPDT:8312 CAS: 2310-17-0 MW: 367.82 MOLFM: C12-H15-Cl-N-O4-P-S2
SYN: AZOFENE * S-((3-BENZOXAZOLINYL-6-CHLORO-2-OXO)METHYL) O,O-DIETHYL PHOSPHORODITHIOATE * BENZPHOS * BENZOPHOSPHATE * CHIPMAN 11974 * S-(6-CHLORO-3-(MERCAPTOMETHYL)-2-BENZOXAZOLINONE) O,O-DIETHYL PHOSPHORODITHIOATE * 3-(6-CHLORO-2-OXOBENZOXAZOLIN-3-YL)METHYL O,O-DIETHYL PHOSPHOROTHIOLOTHIONATE * S-((6-CHLORO-2-OXO-3(2H)-BENZOXAZOLYL)METHYL) O,O-DIETHYL PHOSPHORODITHIOATE * O,O-DIAETHYL-S-(6-CHLOR-2-OXO-BEN(b)-1,3-OXALIN-3-YL)-METHYL-DITHIOPHOSPHAT (German) * O,O-DIETHYL-S-((6-CHLOOR-2-OXO-BENZOXAZOLIN-3-YL)-METHYL)-DITHIOFOSFAAT (Dutch) * O,O-DIETHYL S-(6-CHLOROBENZOXAZOLINYL-3-METHYL) DITHIOPHOSPHATE * O,O-DIETHYL S-((6-CHLORO-2-OXOBENZOXAZOLIN-3-YL)METHYL) PHOSPHORODITHIOATE * O,O-DIETHYL-S-(6-CHLORO-2-OXO-BENZOXAZOLIN-3-YL)METHYL-PHOSPHOROTHIOLOTHIONATE * 3-DIETHYLDITHIOPHOSPHORYLMETHYL-6-CHLOROBENZOXAZOLONE-2 * O,O-DIETHYL PHOSPHORODITHIOATE, S-ESTER with 6-CHLORO-3-(MERCAPTOMETHYL)-2-BENZOXAZOLINONE * O,O-DIETIL-S-((6-CLORO-2-OXO-BENZOSSAZOLIN-3-IL)-METIL)-DITIOFOSFATO (Italian) * ENT 27,163 * FOZALON * NIA-9241 * NIAGARA 9241 * NPH-1091 * P-974 * PHASOLON * PHOSALON * PHOZALON * PHOSALONE * PHOSPHORODITHIOIC ACID-S-ESTER of 6-CHLORO-3-MERCAPTOMETHYLBENZOXAZYOL-2-ONE * RHODIA RP 11974 * RP 11,974 * RUBITOX * ZOLON * ZOLONE PM * ZOOLON * ZOLONE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:85 mg/kg KSKZAN 16(2),59,78
skn-rat LD50:390 mg/kg WRPCA2 9,119,70
unk-rat LD50:135 mg/kg 30ZDA9 -,371,71
orl-mus LD50:73 mg/kg GTPZAB 19(9),55,75
skn-rbt LD50:1000 mg/kg 85DPAN -,-,71/76
orl-gpg LD50:150 mg/kg GUCHAZ 6,408,73

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 63,1,76

STANDARDS & REGULATIONS:
★ EPA:FARM WORKER FIELD REENTRY FEREAC 39,16888,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD5180000 PHOSPHORODITHIOIC ACID, S-(p-CHLOROPHENYL) O,O-DIMETHYL ESTER
UPDT:8309 CAS: 5114-31-8 MW: 268.72 MOLFM: C8-H10-Cl-O2-P-S2
SYN: BAY 42524 * BAYER 42524 * S-(4-CHLOROPHENYL) O,O-DIMETHYL PHOSPHORODITHIOATE * ENT 25,685 * PHOSPHORODITHIOIC ACID, S-(4-CHLOROPHENYL) O,O-DIMETHYL ESTER

TOXICITY DATA AND REFERENCES:
orl-rat LD50:500 mg/kg ARSIM* 20,4,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORODITHIOIC ACID, S-(4-CHLOROPHENYL) O,O-DIMETHYL ESTER see: TD5180000

TD5200000 PHOSPHORODITHIOIC ACID, S-(2-(p-CHLOROPHENYL)THIO)ETHYL) O,O-DIMETHYL ESTER
UPDT:8309 CAS: 32357-99-6 MW: 328.84 MOLFM: C10-H14-Cl-O2-P-S3
SYN: BAY 26405 * BAYER 26405 * S-(2-((4-CHLOROPHENYL)THIO)ETHYL O,O-DIMETHYL PHOSPHORODITHIOATE * ENT 25,596

TOXICITY DATA AND REFERENCES:
orl-rat LD50:100 mg/kg ARSIM* 20,3,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD5250000 PHOSPHORODITHIOIC ACID, S-(((p-CHLOROPHENYL)THIO)METHYL) O,O-DIETHYL ESTER
UPDT:8403 CAS: 786-19-6 MW: 342.87 MOLFM: C11-H16-Cl-O2-P-S3
SYN: ACARITHION * AKARITHION * CARBOFENOTHION (Dutch) * CARBOPHENOTHION * S-((p-CHLOROPHENYLTHIO)METHYL) O,O-DIETHYL PHOSPHORODITHIOATE * S-(4-CHLOROPHENYLTHIOMETHYL)DIETHYL PHOSPHOROTHIOLOTHIONATE * DAGADIP * O,O-DIAETHYL-S-((4-CHLOR-PHENYL-THIO)-METHYL)DITHIOPHOSPHAT (German) * O,O-DIETHYL-S-(4-CHLOOR-FENYL-THIO)-METHYL)-DITHIOFOSFAAT (Dutch) * O,O-DIETHYL-S-p-CHLORFENYLTHIOMETHYLESTER KYSELINY DITHIOFOSFORECNE (Czech) * O,O-DIETHYL p-CHLOROPHENYLMERCAPTOMETHYL DITHIOPHOSPHATE * O,O-DIETHYL S-p-CHLOROPHENYLTHIOMETHYL DITHIOPHOSPHATE * O,O-DIETHYL S-(4-CHLOROPHENYLTHIOMETHYL) DITHIOPHOSPHATE * O,O-DIETHYL S-(p-CHLOROPHENYLTHIOMETHYL) PHOSPHORODITHIOATE * O,O-DIETHYL DITHIOPHOSPHORIC ACID p-CHLOROPHENYLTHIOMETHYL ESTER * O,O-DIETIL-S-((4-CLORO-FENIL-TIO)-METILE)-DITIOFOSFATO (Italian) * DITHIOPHOSPHATE DE O,O-DIETHYLE ET DE (4-CHLORO-PHENYL) THIOMETHYLE (French) * ENDYL * ENT 23,708 * GARRATHION * LETHOX * NEPHOCARP * OLEOAKARITHION * R-1303 * STAUFFER R-1,303 * TRITHION * TRITHION MITICIDE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6800 ug/kg FMCHA2 -,C246,83
skn-rat LD50:27 mg/kg TXAPA9 2,88,60
ipr-rat LD50:11 mg/kg PSEBAA 114,509,63
orl-mus LD50:218 mg/kg ARSIM* 20,6,66
ipr-mus LD50:27 mg/kg PSEBAA 129,699,68
orl-rbt LD50:1250 mg/kg SPEADM 78-1,40,78
skn-rbt LD50:1270 mg/kg PCOC** -,200,66
orl-ckn LD50:57 mg/kg TXAPA9 11,49,67
scu-ckn LD50:640 mg/kg BCPCA6 12,1377,63
orl-bwd LD50:6 mg/kg TXAPA9 21,315,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AQMOAC #73-19,1973; RREVAH 46,1,73; RREVAH 63,1,76

STANDARDS & REGULATIONS:
★ EPA:FARM WORKER FIELD REENTRY FEREAC 39,16888,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD5400000 PHOSPHORODITHIOIC ACID S-(((m-CHLOROPHENYL)THIO)METHYL) 0,0-DIMETHYL ESTER
UPDT:8310 CAS: 64050-56-2 MW: 314.81 MOLFM: C9-H12-Cl-O2-P-S3
SYN: S-(((3-CHLOROPHENYL)THIO)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE * ENT 25,652 * G 35163 * GEIGY G-35163

TOXICITY DATA AND REFERENCES:
orl-rat LD50:75 mg/kg ARSIM* 20,11,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD5410000 PHOSPHORODITHIOIC ACID, S-(((o-CHLOROPHENYL)THIO)METHYL) 0,0-DIMETHYL ESTER
UPDT:8309 CAS: 64050-57-3 MW: 314.81 MOLFM: C9-H12-Cl-O2-P-S3
SYN: S-(((2-CHLOROPHENYL)THIO)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE * ENT 25,656 * G 35161 * GEIGY G-35161

TOXICITY DATA AND REFERENCES:
orl-rat LD50:13 mg/kg ARSIM* 20,11,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD5425000 PHOSPHORODITHIOIC ACID, S-(((p-CHLOROPHENYL)THIO)METHYL) 0,0-DIMETHYL ESTER
UPDT:8310 CAS: 953-17-3 MW: 314.81 MOLFM: C9-H12-Cl-O2-P-S3
SYN: S-(((p-CHLOROPHENYL)THIO)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE * S-(((4-CHLOROPHENYL)THIO)METHYL) O,O-DIMETHYLPHOSPHORODITHIOATE * DIMETHYL p-CHLOROPHENYLTHIOMETHYL DITHIOPHOSPHATE * O,O-DIMETHYL-S-(p-CHLOROPHENYLTHIOMETHYL)PHOSPHORODITHIOATE * O,O DIMETHYLTHIOPHOSPHORIC ACID p-CHLOROPHENYL ESTER * ENT 25586 * ENT 25,599 * G-29288 * GEIGY G-29288 * METHANETHIOL, ((p-CHLOROPHENYL)THIO)-, S-ESTER with O,O-DIMETHYL PHOSPHORODITHIOATE * METHYLCARBOPHENOTHION * METHYL TRITHION * R-1492 * STAUFFER R-1492 * TRI-ME

TOXICITY DATA AND REFERENCES:
• orl-rat LD50:48 mg/kg ARSIM* 20,10,66
skn-rat LD50:190 mg/kg WRPCA2 9,119,70
unk-rat LD50:180 mg/kg 30ZDA9 -,366,71
• orl-mus LD50:112 mg/kg ARSIM* 20,10,66
skn-rbt LD50:2420 mg/kg BESAAT 12,161,66
orl-ckn LD50:544 mg/kg TXAPA9 6,147,64
• orl-mam LD50:200 mg/kg FMCHA2 -,C155,83
orl-bwd LD50:18 mg/kg TXAPA9 21,315,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORODITHIOIC ACID, S-(2-CHLORO-1-PHTHALIMIDOETHYL) 0,0-DIETHYL ESTER see: TD5165000

TD5600000 PHOSPHORODITHIOIC ACID, S-((4,6-DIAMINO-s-TRIAZIN-2-YL)METHYL) 0,0-DIMETHYL ESTER
UPDT:8403 CAS: 78-57-9 MW: 281.32 MOLFM: C6-H12-N5-O2-P-S2
SYN: AZIDITHION * 2,4-DIAMINO-6-DIMETHOXYPHOSPHINOTHIONYLTHIOMETHYL-s-TRIAZINE * S-(4,6-DIAMINO-1,3,5-TRIAZIN-2-YL)-METHYL)-O,O-DIMETHYL-DITHIOFOSFAAT (Dutch) * S-(4,6-DIAMINO-1,3,5-TRIAZIN-2-YL)-METHYL)-O,O-DIMETHYL-DITHIOPHOSPHAT (German) * 4,6-DIAMINO-1,3,5-TRIAZIN-2-YLMETHYL O,O-DIMETHYL PHOSPHORODITHIOATE * S-((4,6-DIAMINO-s-TRIAZIN-2-YL)METHYL)-O,O DIMETHYL PHOSPHORODITHIOATE * S-(4,6-DIAMINO-1,3,5-TRIAZIN-2-YLMETHYL) O,O-DIMETHYL PHOSPHORODITHIOATE * S-(4,6-DIAMINO-1,3,5-TRIAZIN-2-YLMETHYL) DIMETHYL PHOSPHOROTHIOLOTHIONATE * S-((4,6-DIAMINO-1,3,5-TRIAZIN-2-YL)METHYL)PHOSPHORODITHIOIC ACID O,O-DIMETHYL ESTER * 2-DIMETHOXYPHOSPHINOTHIOYLTHIOMETHYL-4,6-DIAMINO-s-TRIAZINE * O,O-DIMETHYL S-(4,6-DIAMINO-1,3,5-TRIAZINYL-2-METHYL) DITHIOPHOSPHATE * O,O-DIMETHYL S-(4,6-DIAMINO-s-TRIAZIN-2-YLMETHYL)PHOSPHORODITHIOATE * O,O-DIMETHYL S-(4,6-DIAMINO-1,3,5-TRIAZIN-2-YL)METHYL PHOSPHORODITHIOATE * O,O-DIMETHYL S-(4,6-DIAMINO-1,3,5-TRIAZIN-2-YL)METHYL PHOSPHOROTHIOLOTHIONATE * DITHIOPHOSPHATE DE O,O-DIMETHYLE ET DE S-(4,6-DIAMINO-1,3,5-TRIAZINE-2-YL)-METHYLE) (French) * ENT 25,760 * MENAZON * PP175 * R 15,175 * SAIPHOS * SAPHICOL * SAPHIZON * SAPHIZON DP * SAPHOS * SAYFOR * SAYFOS * SAYPHOS * SYPHOS * s-TRIAZINE-2-METHANETHIOL, 4,6-DIAMINO-, S-ESTER with O,O-DIMETHYLPHOSPHORODITHIOATE

MUTATION DATA AND REFERENCES:
mmo-smc 5 ppm RSTUDV 6,161,76

TOXICITY DATA AND REFERENCES:
orl-rat LD50:890 mg/kg ARSIM* 20,14,66
orl-mus LD50:427 mg/kg SPEADM 78-1,48,78
orl-ckn LD50:487 mg/kg TXAPA9 7,606,65
unk-mam LD50:900 mg/kg 30ZDA9 -,373,71

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TD5650000 PHOSPHORODITHIOIC ACID, S-(((3,3-DICHLOROALLYL)THIO)METHYL) 0,0-DIMETHYL ESTER
UPDT:8309 CAS: 2984-78-3 MW: 281.16 MOLFM: C6-H11-Cl2-O2-P-S2
SYN: CP-22258 * S-(((3,3-DICHLORO-2-PROPENYL(THIO)METHYL) O,O-DIMETHYLPHOSPHORODITHIOATE * ENT 25,608 * MONSANTO CP-22258

TOXICITY DATA AND REFERENCES:
orl-rat LD50:85 mg/kg ARSIM* 20,15,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD5680000 PHOSPHORODITHIOIC ACID, O-(2,4-DICHLOROPHENYL) O-ETHYL S-PROPYL ESTER
UPDT:8406 CAS: 34643-46-4 MW: 345.25 MOLFM: C11-H15-Cl2-O2-P-S2
SYN: BAY NTN 8629 * BIDERON * O-(2,4-DICHLOROPHENYL) O-ETHYL S-PROPYLPHOSPHORODITHIOATE * O-ETHYL-O-(2,4-DICHLOROPHENYL)-S-n-PROPYL-DITHIOPHOSPHATE * NTN-8629 * PROTHIOPHOS * TOKUTHION

TOXICITY DATA AND REFERENCES:
• orl-rat LD50:925 mg/kg FMCHA2 ,C237,83
• skn-rat LD50:3900 mg/kg KONODE 20,94,76
orl-mus LD50:940 mg/kg NEZAAQ 33,221,78
• skn-mus LD50:1600 mg/kg KONODE 20,94,76

TD5775000 PHOSPHORODITHIOIC ACID, S-(((2,5-DICHLOROPHENYL)THIO)METHYL) 0,0-DIETHYL ESTER
UPDT:8309 CAS: 2275-14-1 MW: 375.29 MOLFM: C11-H15-Cl2-O2-P-S3
SYN: O,O-DIAETHYL-S((2,5-DICHLOR-PHENYL-THIO)-METHYL)-DITHIOPHOSPHAT (German) * S-(2,5-DICHLOROPHENYLTHIOMETHYL) O,O-DIETHYL PHOSPHORODITHIOATE * 2,5-DICHLOROPHENYLTHIOMETHYL O,O-DIETHYL PHOSPHORODITHIOATE * S-(2,5-DICHLOROPHENYLTHIOMETHYL) DIETHYL PHOSPHOROTHIOLOTHIONATE * O,O-DIETHYL S-(2,5-DICHLOROPHENYLTHIOMETHYL) DITHIOPHOSPHATE * O,O-DIETHYL-S-(2,5-DICHLOROPHENYLTHIOMETHYL) DITHIOPHOSPHORAN * O,O-DIETHYL S-(2,5-DICHLOROPHENYLTHIOMETHYL) PHOSPHOROTHIOLOTHIONATE * O,O-DIETHYL S-(2,5-DICHLOROPHENYLTHIOMETHYL) PHOSPHORODITHIOATE * DITHIOPHOSPHATE DE O,O-DIETHYLE ET DE S(2,5-DICHLOROPHENYL) THIOMETHYLE (French) * ENT 25,585 * FENKAPTON (Dutch) * G 28029 * GEIGY 28029 * GEIGY G-28029 * METHANETHIOL, ((2,5-DICHLOROPHENYL)THIO)-, S-ESTER with O,O-DIETHYL PHOSPHORODITHIOATE * NA 2783 (DOT) * PHENATOL * PHENCAPTON * PHENCAPTON (DOT) * PHENKAPTON * PHENKAPTONE * PHENUDIN * PRZEDZIORKOFOS (Polish)

TOXICITY DATA AND REFERENCES:
orl-rat LD50:61 mg/kg PAPOAC 19,415,68
skn-rat LD50:652 mg/kg 85DPAN -,-,71/76
orl-mus LD50:220 mg/kg ARSIM* 20,10,66
orl-ckn LD50:886 mg/kg TXAPA9 11,49,67
unk-mam LD50:200 mg/kg 30ZDA9 -,366,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DTTIAF 80(20),485,73

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD5950000 PHOSPHORODITHIOIC ACID, (((3,4-DICHLOROPHENYL)THIO)METHYL) 0,0-DIETHYL ESTER
UPDT:8309 CAS: 3152-41-8 MW: 377.31 MOLFM: C11-H15-Cl2-O2-P-S3
SYN: S-((3,4-DICHLOROPHENYLTHIO)METHYL) O,O-DIETHYL PHOSPHORODITHIOATE * O,O-DIETHYL S-(3,4-DICHLOROPHENYL-THIO)METHYL PHOSPHOROTHIOATE * ENT 25,555-X * G 27365 * GEIGY G-27365

TOXICITY DATA AND REFERENCES:
orl-rat LD50:89 mg/kg ARSIM* 20,10,66
orl-mus LD50:175 mg/kg ARSIM* 20,10,66
orl-ckn LD50:143 mg/kg TXAPA9 11,49,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD6100000 PHOSPHORODITHIOIC ACID, S-(((2,3-DICHLOROPHENYL)THIO)METHYL) 0,0-DIMETHYL ESTER
UPDT:8309 CAS: 64050-58-4 MW: 349.25 MOLFM: C9-H11-Cl2-O2-P-S3
SYN: S-(((2,3-DICHLOROPHENYL)THIO)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE * ENT 25,653 * G 35159 * GEIGY G-35159

TOXICITY DATA AND REFERENCES:
orl-rat LD50:75 mg/kg ARSIM* 20,11,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD6125000 PHOSPHORODITHIOIC ACID, S-(((2,5-DICHLOROPHENYL)THIO)METHYL)0,0-DIMETHYL ESTER
UPDT:8307 CAS: 3735-23-7 MW: 349.25 MOLFM: C9-H11-Cl2-O2-P-S3
SYN: S-(((2,5-DICHLOROPHENYL)THIO)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE * O,O-DIMETHYL S-(2,5-DICHLOROPHENYLTHIO)METHYL PHOSPHORODITHIOATE * ENT 25,554-X * G 30494 * GEIGY 30494 * GEIGY G-30494 * METHANETHIOL, ((2,5-DICHLOROPHENYLTHIO)-, S-ESTER with O,O-DIMETHYL PHOSPHORODITHIOATE * METHYL PHENCAPTON

TOXICITY DATA AND REFERENCES:
• orl-rat LD50:220 mg/kg ARSIM* 20,10,66
orl-mus LD50:11 mg/kg ARSIM* 20,10,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD6330000 PHOSPHORODITHIOIC ACID, S-(((3,5-DICHLOROPHENYL)THIO)METHYL) 0,0-DIMETHYL ESTER
UPDT:8309 CAS: 64050-59-5 MW: 349.25 MOLFM: C9-H11-Cl2-O2-P-S3
SYN: S-(((3,5-DICHLOROPHENYL)THIO)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE * ENT 25,655 * G 35157 * GEIGY G-35157

TOXICITY DATA AND REFERENCES:
orl-rat LD50:443 mg/kg ARSIM* 20,11,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD7200000 PHOSPHORODITHIOIC ACID, 0,0-DIETHYL-S-(((1,1-DIMETHYLETHYL)THIO)METHYL)- ESTER
UPDT:8411 CAS: 13071-79-9 MW: 288.45 MOLFM: C9-H21-O2-P-S3
SYN: AC 92100 * S-((tert-BUTYLTHIO)METHYL)O,O-DIETHYLPHOSPHORODITHIOATE * COUNTER * COUNTER 15G SOIL INSECTICIDE * COUNTER 15G SOIL INSECTICIDE-NEMATICIDE * S-(((1,1-DIMETHYLETHYL)THIO)METHYL)-O,O-DIETHYL PHOSPHORODITHIOATE * PHOSPHORODITHIOIC ACID S-((tert-BUTYLTHIO)METHYL) O,O-DIETHYL ESTER * PHOSPHORODITHIOIC ACID S-(((1,1-DIMETHYLETHYL)THIO)METHYL) O,O-DIETHYL ESTER * TERBUFOS

TOXICITY DATA AND REFERENCES:
• orl-rat LD50:1600 ug/kg MEIEDD 10,1310,83
• orl-mus LD50:3500 mg/kg FMCHA2 -,C63,83
• orl-dog LD50:4500 mg/kg FMCHA2 -,C63,83
• skn-rbt LD50:1100 ug/kg/24H FMCHA2 -,C63,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORODITHIOIC ACID, 0,0-DIETHYL ESTER, S,S-DIESTER with METHANEDITHIOL see: TE4550000

TD7750000 PHOSPHORODITHIOIC ACID, 0,0-DIETHYL ESTER, S-ESTER with N-(2-BROMO-1- MERCAPTOETHYL) PHTHALIMIDE
UPDT:8309 CAS: 10312-20-6 MW: 438.32 MOLFM: C14-H17-Br-N-O4-P-S2
SYN: S-(2-BROMO-1-(1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)ETHYL) O,O-DIETHYL PHOSPHORODITHIOATE * ENT 27,269 * HERCULES 13843

TOXICITY DATA AND REFERENCES:
orl-rat LD50:18 mg/kg ARSIM* 20,12,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD7900000 PHOSPHORODITHIOIC ACID, 0,0-DIETHYL ESTER, S-ESTER with N-(2-CYANOETHYL)-2- MERCAPTOACETANILIDE
UPDT:8309 CAS: 16231-76-8 MW: 372.47 MOLFM: C15-H21-N2-O3-P-S2
SYN: S-(2-((2-CYANOETHYL)PHENYLAMINO)-2-OXOETHYL) O,O-DIETHYL PHOSPHORODITHIOATE * ENT 27,312 * GC 10284 * GENERAL CHEMICALS 10284

TOXICITY DATA AND REFERENCES:
orl-rat LD50:15 mg/kg ARSIM* 20,11,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD7950000 PHOSPHORODITHIOIC ACID, 0,0-DIETHYL ESTER, S-ESTER with N,N-DIALLYL-2-MERCAPTOACETAMIDE
UPDT:8309 CAS: 35461-10-0 MW: 323.44 MOLFM: C12-H22-N-O3-P-S2
SYN: CP-18978 * S-(2-(DI-2-PROPENYLAMINO)-2-OXOETHYL) O,O-DIETHYL PHOSPHORODITHIOATE * ENT 27,316 * MONSANTO CP-18978 * PHOSPHORODITHIOIC ACID, S-(2-(DI-2-PROPENYLAMINO)-2-OXOETHYL) O,O-DIETHYL ESTER

TOXICITY DATA AND REFERENCES:
orl-rat LD50:48 mg/kg ARSIM* 20,15,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD7975000 PHOSPHORODITHIOIC ACID, 0,0-DIETHYL ESTER, S-ESTER with DIHYDRO-3-MERCAPTO-2(3H)-FURANONE
UPDT:8311 CAS: 3659-04-9 MW: 270.32 MOLFM: C8-H15-O4-P-S2
SYN: O,O-DIETHYL S-(TETRAHYDRO-2-OXO-3-FURNAYL) PHOSPHORODITHIOATE * ENT 27,211 * GC 9879 * GENERAL CHEMICALS 9879 * PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-(TETRAHYDRO-2-OXO-3-FURANYL) ESTER (9CI)

TOXICITY DATA AND REFERENCES:
• orl-rat LD50:1000 mg/kg ARSIM* 20,11,66
• skn-rbt LD50:12 gm/kg 28ZEAL 5,103,76

PHOSPHORODITHIOIC ACID, 0,0-DIETHYL ESTER, S-ESTER with ETHYL MERCAPTOACETATE see: AI6825000

TD8225000 PHOSPHORODITHIOIC ACID, 0,0-DIETHYL ESTER, S-ESTER with N-ISOPROPYL-2-MERCAPTOACETAMIDE
UPDT:8402 CAS: 2275-18-5 MW: 285.39 MOLFM: C9-H20-N-O3-P-S2

SYN: AC 18682 * ACETAMIDE, N-ISOPROPYL-2-MERCAPTO-, S-ESTER with O,O-DIETHYL PHOSPHORODITHIOATE * AMERICAN CYANAMID 18682 * O,O-DIETHYL S-(N-ISOPROPYLCARBAMOYLMETHYL) DITHIOPHOSPHATE * O,O-DIETHYLDITHIOPHOSPHORYLACETIC ACID, N-MONOISOPROPYLAMIDE * O,O-DIETHYL S-ISOPROPYLCARBAMOYLMETHYL PHOSPHORODITHIOATE * O,O-DIETHYL S-(N-ISOPROPYLCARBAMOYLMETHYL) PHOSPHORODITHIOATE * ENT 24,652 * FAC * FAC 20 * FOSTION * ISOPROPYL DIETHYLDITHIOPHOSPHORYLACETAMIDE * L 343 * N-MONOISOPROPYLAMIDE of O,O-DIETHYLDITHIOPHOSPHORYLACETIC ACID * OLEOFAC * PROTHOATE * PROTOAT (Hungarian) * TELEFOS * TRIMETHOATE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:8 mg/kg	GUCHAZ 6,439,73
3F11F23J22	ihl-rat LC50:165 mg/m3/4H	EGESAQ 24,173,80
	skn-rat LD50:100 mg/kg	WRPCA2 9,119,70
	unk-rat LD50:8 mg/kg	30ZDA9 -,362,71
*	orl-mus LD50:8 mg/kg	ARSIM* 20,1,66
	orl-dog LD50:15 mg/kg	28ZEAL 4,333,69
*	orl-rbt LD50:8500 ug/kg	28ZEAL 4,333,69
	skn-rbt LD50:14 mg/kg	SPEADM 74-1,-,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD8270000 PHOSPHORODITHIOIC ACID, O,O-DIETHYL ESTER, S-ESTER with 1-(MERCAPTOACETYL)-1-METHYLUREA
UPDT:8309 CAS: 63717-17-9 MW: 300.36 MOLFM: C8-H17-N2-O4-P-S2
SYN: S-(((AMINOCARBONYL)METHYLAMINO)CARBONYL)METHYL) O,O-DIETHYL PHOSPHORODITHIOATE * ENT 25,874 * HERCULES 8148-A * PHOSPHORODITHIOIC ACID, S-(((AMINOCARBONYL)METHYLAMINO)CARBONYL)METHYL) O,O-DIETHYL ESTER

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:16 mg/kg	ARSIM* 20,12,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD8300000 PHOSPHORODITHIOIC ACID, O,O-DIETHYL ESTER, S-ESTER with 3-(MERCAPTOMETHYL)- 2-BENZOTHIAZOLINONE
UPDT:8309 CAS: 3759-95-3 MW: 365.50 MOLFM: C12-H16-N-O2-P-S4
SYN: S-((2-BENZOTHIAZOLYLTHIO)METHYL) O,O-DIETHYL PHOSPHORODITHIOATE * ENT 25,873 * HERCULES 7846-D * PHOSPHORODITHIOIC ACID, S-((2-BENZOTHIAZOLYLTHIO)METHYL) O,O-DIETHYL ESTER

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:100 mg/kg	ARSIM* 20,12,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD8400000 PHOSPHORODITHIOIC ACID, O,O-DIETHYL ESTER, S-ESTER with 3-(MERCAPTOMETHYL)- 1,2,3-BENZOTRIAZIN-4(3H)-ONE
UPDT:8309 CAS: 2642-71-9 MW: 345.40 MOLFM: C12-H16-N3-O3-P-S2
SYN: ATHYL-GUSATHION * AZINFOS-ETHYL (Dutch) * AZINOS * AZINPHOS-AETHYL (German) * AZINPHOS ETHYL * AZINPHOS-ETILE (Italian) * BAY 16255 * BAYER 16259 * BENZOTRIAZINE derivative of an ETHYL DITHIOPHOSPHATE * COTNION-ETHYL * CRYSTHION * O,O-DIAETHYL-S-((4-OXO-3H-1,2,3-BENZOTRIAZIN-3-YL)-METHYL)-DITHIOPHOSPHAT (German) * O,O-DIETHYL S-(4-OXOBENZOTRIAZINO-3-METHYL)PHOSPHORODITHIOATE * O,O-DIETHYL-S-(4-OXO-3H-1,2,3-BENZOTRIAZINE-3-YL)-METHYL-DITHIOPHOSPHATE * O,O-DIETHYL-S-((4-OXO-3H-1,2,3-BENZOTRIAZIN-3-YL)-METHYL)-DITHIOFOSFAAT (Dutch) * O,O-DIETHYL PHOSPHORODITHIOATE S-ester with 3-(MERCAPTOMETHYL)-1,2,3-BENZOTRIAZIN-4(3H)-ONE * O,O-DIETIL-S-((4-OXO-3H-1,2,3-BENZOTRIAZIN-3-IL)-METIL)-DITIOFOSFATO (Italian) * 3,4-DIHYDRO-4-OXO-3-BENZOTRIAZINYLMETHYL O,O-DIETHYL PHOSPHORODITHIOATE * S-(3,4-DIHYDRO-4-OXO-1,2,3-BENZOTRIAZIN-3-YLMETHYL) O,O-DIETHYL PHOSPHORODITHIOATE * ENT 22,014 * ETHYL GUSATHION * ETHYL GUTHION * GUSATHION A * GUTHION (ETHYL) * R 1513 * TRIAZOTION (Russian)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:7 mg/kg	ARSIM* 20,2,66
	skn-rat LD50:250 mg/kg	GUCHAZ 6,24,73
	ipr-rat LD50:7500 ug/kg	GUCHAZ 6,24,73
	orl-ckn LD50:34 mg/kg	TXAPA9 11,49,67

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 51,123,74; RREVAH 63,1,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD8420000 PHOSPHORODITHIOIC ACID, O,O-DIETHYL ESTER, S-ESTER with 3-(MERCAPTOMETHYL)- 2-BENZOXAZOLINONE
UPDT:8309 CAS: 30725-71-4 MW: 333.38 MOLFM: C12-H16-N-O4-P-S2
SYN: O,O-DIETHYL S-((2-OXO-3(2H)-BENZOXAZOLYL)METHYL)PHOSPHORODITHIOATE * ENT 25,871 * HERCULES 6286-B * PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-((2-OXO-3(2H)-BENZOXAZOLYL)METHYL) ESTER

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:81 mg/kg	ARSIM* 20,12,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD8500000 PHOSPHORODITHIOIC ACID, O,O-DIETHYL ESTER, S-ESTER with 3-(MERCAPTOMETHYL)-2,4- THIAZOLIDINEDIONE
UPDT:8309 CAS: 17702-71-5 MW: 315.38 MOLFM: C8-H14-N-O4-P-S3
SYN: S-((2,4-DIOXO-3-THIAZOLIDINYL)METHYL) O,O-DIETHYL PHOSPHORODITHIOATE * ENT 27,295 * PHOSPHORODITHIOIC ACID, S-((2,4-DIOXO-3-THIAZOLIDINYL)METHYL) O,O-DIETHYL ESTER * R 7239 * STAUFFER R-7239

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:25 mg/kg	ARSIM* 20,23,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD8600000 PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-((ETHYLSULFINYL)ETHYL) ESTER
UPDT:8309 CAS: 2497-07-6 MW: 290.42 MOLFM: C8-H19-O3-P-S3
SYN: BAY 23323 * DEPD * O,O-DIETHYL-S-((ETHYLSULFINYL)ETHYL)PHOSPHORODITHIOATE * O,O-DIETHYL S-(2-(ETHYLSULFINYL)ETHYL) PHOSPHORODITHIOATE * DISULFOTON DISULIDE * DISULFOTON SULFOXIDE * DISYSTON S * DISYSTON SULFOXIDE * DISYSTON SULPHOXIDE * ETHYLTHIOMETON SULFOXIDE * OXYDISULFOTON

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3500 ug/kg	FMCHA2 -,C86,83
*	skn-rat LD50:192 mg/kg	FMCHA2 -,C86,83
	orl-mus LD50:12 mg/kg	OYYAA2 2,397,68
	skn-mus LD50:263 mg/kg	OYYAA2 2,397,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD9275000 PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-(2-(ETHYLTHIO)ETHYL) ESTER
UPDT:8408 CAS: 298-04-4 MW: 274.42 MOLFM: C8-H19-O2-P-S3
SYN: BAY 19639 * BAYER 19639 * O,O-DIAETHYL-S-(3-THIA-PENTYL)-DITHIOPHOSPHAT (German) * O,O-DIAETHYL-S-(2-AETHYLTHIO-AETHYL)-DITHIOPHOSPHAT (German) * O,O-DIETHYL S-(2-ETHTHIOETHYL) PHOSPHORODITHIOATE * O,O-DIETHYL S-(2-ETHTHIOETHYL) THIOTHIONOPHOSPHATE * O,O-DIETHYL S-(2-ETHYLMERCAPTOETHYL) DITHIOPHOSPHATE * O,O-DIETHYL-S-(2-ETHYLTHIO-ETHYL)-DITHIOFOSFAAT (Dutch) * O,O-DIETHYL 2-ETHYLTHIOETHYL PHOSPHORODITHIOATE * O,O-DIETHYL S-2-(ETHYLTHIO)ETHYL PHOSPHORODITHIOATE * O,O-DIETIL-S-(2-ETILTIO-ETIL)-DITIOFOSFATO (Italian) * DIMAZ * DISULFATON * DISULFOTON * DISULFOTON (DOT) * DI-SYSTON * DISYSTOX * DITHIODEMETON * DITHIOPHOSPHATE DE O,O-DIETHYLE ET DE S-(2-ETHYLTHIO-ETHYLE) (French) * DITHIOSYSTOX * ENT 23,437 * O,O-ETHYL S-2(ETHYLTHIO)ETHYL PHOSPHORODITHIOATE * S-2-(ETHYLTHIO)ETHYL O,O-DIETHYL ESTER of PHOSPHORODITHIOIC ACID * FRUMIN AL * FRUMIN G * M-74 * NA 2783 (DOT) * PHOSPHORODITHIONIC ACID, S-2-(ETHYLTHIO)ETHYL-O,O-DIETHYL ESTER * RCRA WASTE NUMBER P039 * S 276 * SOLVIREX * THIODEMETON * THIODEMETRON

MUTATION DATA AND REFERENCES:

	mma-sat 5 ul/plate	MUREAV 28,405,75
	mma-sat 5 mg/plate	MUREAV 116,185,83
	mma-esc 5 ul/plate	MUREAV 28,405,75
	dns-hmn:fbr 1 gm/L	NTIS** PB80-133226
	msc-mus:lym 40 mg/L	NTIS** PB84-138973

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2 mg/kg	FMCHA2 -,C85,83
	skn-rat LD50:6 mg/kg	TXAPA9 14,515,69
3A11E08F13	ipr-rat LD50:2600 ug/kg	AIPTAK 149,560,64
	ivn-rat LD50:5500 mg/kg	13ZGAF -,206,62
	unk-rat LD50:2500 ug/kg	30ZDA9 -,369,71
	orl-mus LD50:5500 ug/kg	85DPAN -,-,71/76
	ipr-mus LD50:7 mg/kg	PSEBAA 129,699,68
*	orl-dck LD50:6500 ug/kg	DOEAAH 35,27,79
	orl-bwd LD50:3.2 mg/kg	TXAPA9 21,315,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AQMOAC #73-19,1973; MZUZA8 (8),90,73; DTTIAF 80(20),485,73; RREVAH 63,1,76
★ TLV-TWA 100 ug/m3; STEL 300 ug/m3 (skin) DTLVS* 4,161,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ DOT-HAZARD:POISON B; LABEL:POISON, dry CFRGBR 49,172.101,82
★ DOT-HAZARD:POISON B; LABEL:POISON, liquid CFRGBR 49,172.101,82
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD9450000 PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-(ETHYLTHIO)METHYL ESTER
UPDT:8408 CAS: 298-02-2 MW: 260.39 MOLFM: C7-H17-O2-P-S3
SYN: AC 3911 * AMERICAN CYANAMID 3,911 * O,O-DIAETHYL-S-(AETHYLTHIO-METHYL)-DITHIOPHOSPHAT (German) * O,O-DIETHYL S-ETHYLMERCAPTOMETHYL DITHIOPHOSPHONATE * O,O-DIETHYL-S-(ETHYLTHIO-METHYL)-DITHIOFOSFAAT (Dutch) * O,O-DIETHYL S-ETHYLTHIOMETHYL DITHIOPHOSPHONATE * O,O-DIETHYL ETHYLTHIOMETHYL PHOSPHORODITHIOATE * O,O-DIETHYL S-(ETHYLTHIO)-ETHYL PHOSPHORODITHIOATE * O,O-DIETHYL S-ETHYLTHIOMETHYL THIOTHIONOPHOSPHATE * O,O-DIETIL-S-(ETILTIO-METIL)-DITIOFOSFATO (Italian) * DITHIOPHOSPHATE DE O,O-DIETHYLE ET D'ETHYLTHIOMETHYLE (French) * EI3911 * ENT 24,042 * EXPERIMENTAL INSECTICIDE 3911 * FORAAT (Dutch) * GRANUTOX * L 11/6 * METHANETHIOL, (ETHYLTHIO)-, S-ESTER with O,O-DIETHYL PHOSPHORODITHIOATE * PHORAT (German) * PHORATE * PHORATE-10G * RAMPART * RCRA WASTE NUMBER P094 * THIMET * TIMET * VEGFRU * VERGFRU FORATOX

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T01T02	ipr-grb TDLo:2500 ug/kg (1D male)	IJEBA6 18,1001,80

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1 mg/kg	DOEAAH 35,27,79
	ihl-rat LC50:11 mg/m3/1H	NTIS** PB277-077
	skn-rat LD50:2500 ug/kg	TXAPA9 2,88,60
	ivn-rat LD50:1200 ug/kg	NTIS** PB277-077
*	orl-mus LD50:6590 ug/kg	JPFCD2 B15,867,80
*	skn-rbt LD50:99 mg/kg	FMCHA2 -,C185,83
	orl-gpg LD50:20 mg/kg	28ZEAL 5,180,76
	skn-gpg LD50:20 mg/kg	PCOC** -,895,66
3F12J04K12	ipr-grb LD50:1866 ug/kg	JAMPA2 28,234,81
*	orl-dck LD50:600 ug/kg	DOEAAH 35,27,79
	skn-dck LD50:203 mg/kg	TXAPA9 47,451,79
	orl-bwd LD50:1 mg/kg	TXAPA9 21,315,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 46,1,73
★ TLV-TWA 50 ug/m3; STEL 200 ug/m3 (skin) DTLVS* 4,335,80
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TD9600000 PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-((4-HYDROXY-3-METHYL-2,6-DIPHENYL-4-PIPERIDINYL) ETHYNYL) ESTER, (2-alpha,3-beta,4-alpha,6-alpha)-
UPDT:8402 CAS: 75682-24-5 MW: 475.64 MOLFM: C24-H30-N-O3-P-S2
TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:190 mg/kg	DANKAS 259,474,81

TD9610000 PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-((4-HYDROXY-3-METHYL-2,6-DIPHENYL-4-PIPERIDINYL) ETHYNYL) ESTER, (2-alpha,3-beta,4-beta,6-alpha)-
UPDT:8402 CAS: 75682-27-8 MW: 475.64 MOLFM: C24-H30-N-O3-P-S2
TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:510 mg/kg	DANKAS 259,474,81

TD9660000 PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-((2-METHYL-1,3-DITHIOLAN-2-YL)METHYL) ESTER
UPDT:8309 CAS: 1018-28-6 MW: 318.49 MOLFM: C9-H19-O2-P-S4
SYN: AC 47921 * AMERICAN CYANAMID AC 47,921 * AMERICAN CYANAMID EL-47921 * O,O-DIETHYL S-((2-METHYL-1,3-DITHIOLAN-2-YL)METHYL)PHOSPHORODITHIOATE * E.I. 47921 * ENT 27,092
TOXICITY DATA AND REFERENCES:

	orl-mus LD50:21 mg/kg	ARSIM* 20,2,66

TD9670000 PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-METHYL ESTER
UPDT:8406 CAS: 3288-58-2 MW: 200.27 MOLFM: C5-H13-O2-P-S2
SYN: O,O-DIETHYL-S-METHYL-DITHIOPHOSPHATE * RCRA WASTE NUMBER U087
TOXICITY DATA AND REFERENCES:

	orl-mus LD50:156 mg/kg	RREVAH 53,99,74

PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-((2-OXO-3(2H)-BENZOXAZOLYL)METHYL) ESTER see TD8420000

TD9800000 PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-((PROPYLTHIO)METHYL) ESTER
UPDT:8307 CAS: 3309-68-0 MW: 274.42 MOLFM: C8-H19-O2-P-S3
SYN: AMERICAN CYANAMID 12,009 * CL 12009 * O,O-DIETHYL S-n-PROPYLMERCAPTOMETHYL DITHIOPHOSPHATE * O,O-DIETHYL S-(PROPYLTHIOMETHYL)PHOSPHORODITHIOATE * ENT 22866 * METHANETHIOL, (PROPYLTHIO)-, S-ESTER with O,O-DIETHYL PHOSPHORODITHIOATE * TM 12009
TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2800 ug/kg	28ZEAL 4,170,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-(TETRAHYDRO-2-OXO-3-FURANYL) ESTER (9CI) see TD7975000

TD9850000 PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-(TETRAHYDRO-3-THIENYL) ESTER
UPDT:8309 CAS: 6554-82-1 MW: 272.40 MOLFM: C8-H17-O2-P-S3
SYN: O,O-DIETHYL S-(TETRAHYDRO-3-THIENYL) PHOSPHORODITHIOATE * ENT 25,822 * HOOKER HRS-1296 * HRS-1296
TOXICITY DATA AND REFERENCES:

	orl-rat LD50:20 mg/kg	ARSIM* 20,13,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE0175000 PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-9-THIABICYCLO(3.3.1)NON-6-EN-2-YL ESTER
UPDT:8310 CAS: 6436-05-1 MW: 324.48 MOLFM: C12-H21-O2-P-S3
SYN: O,O-DIETHYL S-9-THIABICYCLO(4.2.1)NONENYL PHOSPHORODITHIOATE (isomeric mixture) * ENT 27,159 * HOOKER HRS-1635 * HRS 1635
TOXICITY DATA AND REFERENCES:

	orl-rat LD50:140 mg/kg	TXAPA9 21,315,72
	orl-bwd LD50:75 mg/kg	TXAPA9 21,315,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE0220000 PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-(3,4,4-TRIFLUORO-3-BUTENYL) ESTER
UPDT:8309 CAS: 16500-53-1 MW: 294.31 MOLFM: C8-H14-F3-O2-P-S2
SYN: O,O-DIETHYL S-(3,4,4-TRIFLUORO-3-BUTENYL) PHOSPHORODITHIOATE * ENT 27,370 * NSC 74485 * R 8963 * STAUFFER R-8963
TOXICITY DATA AND REFERENCES:
orl-rat LD50:681 mg/kg ARSIM* 20,23,66

PHOSPHORODITHIOIC ACID, S-((1,3-DIHYDRO-1,3-DIOXO-ISOINDOL-2-YL)METHYL) O,O-DIMETHYL ESTER see: TE2275000

TE0245000 PHOSPHORODITHIOIC ACID, O,O-DIISOOCTYL S-(10-PHENASAZINYL) ESTER
UPDT:7901 CAS: 73973-02-1 MW: 595.73 MOLFM: C28-H43-As-N-O2-P-S2
SYN: 10-PHENASAZINETHIOL, S-ESTER with O,O-DIISOOCTYLPHOSPHORODITHIOATE * S-(10-PHENASAZINYL)-O,O-DIISOOCTYLPHOSPHORODITHIOATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:20 mg/kg CSLNX* NX#00779
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

TE0250000 PHOSPHORODITHIOIC ACID, O,O-DIISOPROPYL ESTER, S-ESTER with N-(2-MERCAPTOETHYL) BENZENESULFONAMIDE
UPDT:8401 CAS: 741-58-2 MW: 397.54 MOLFM: C14-H24-N-O4-P-S3
SYN: BENSULIDE * BENZENESULFONAMIDE, N-(2-MERCAPTOETHYL)-, S-ESTER with O,O-DIISOPROPYLPHOSPHORODITHIOATE * BENZULFIDE * BETAMEC * BETASAN * O,O-BIS(1-METHYLETHYL) S-(2-((PHENYLSULFONYL)AMINO)ETHYL)PHEOSPHORODITHIOATE * N-(beta-O,O-DIISOPROPYLDITHIOPHOSPHORYLETHYL)BEZENESULFONAMIDE * N-(2-(O,O-DIISOPROPYLDITHIOPHOSPHORYL)ETHYL)BENZENESULFONAMIDE * S-(O,O-DIISOPROPYL PHOSPHORODITHIOATE) ESTER of N-(2-MERCAPTOETHYL)BENZENESULFONAMIDE * DISAN * EXPORSAN * N-(2-MERCAPTOETHYLBENZENESULFONAMIDE S-(O,O-DIISOPROPYL PHOSPHORODITHIOATE) * PHOSPHORODITHIOIC ACID, O,O-BIS(1-METHYLETHYL) S-(2-((PHENYLSULFONYL)AMINO)ETHYL ESTER * PREFAR * PRE-SAN * R-4461
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:271 mg/kg FMCHA2 -,C31,83
skn-rat LD50:3950 mg/kg 31ZOAD 1,34,68
unk-rat LD50:770 mg/kg 30ZDA9 -,375,71
skn-rbt LD50:2000 mg/kg WRPCA2 9,119,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE0350000 PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-(2-ACETAMIDOETHYL) ESTER
UPDT:8309 CAS: 13265-60-6 MW: 243.30 MOLFM: C6-H14-N-O3-P-S2
SYN: S-(2-(ACETYLAMINO)ETHYL) O,O-DIMETHYL PHOSPHORODITHIOATE * AMIPHOS * CP 49674 * DAEP * PHOSPHORODITHIOIC ACID, S-(2-(ACETYLAMINO)ETHYL) O,O-DIMETHYL ESTER * O,O-DIMETHYL-S-(2-(ACETYLAMINO)ETHYL) DITHIOPHOSPHATE * O,O-DIMETHYL S-(2-ACETYLAMINOETHYL) PHOSPHORODITHIOATE * N-((O,O-DIMETHYLPHOSPHORODITHIOYL)ETHYL)ACETAMIDE * ENT 27,346 * MONSANTO CP-49674 * NSC 190945 * PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER with N-(2-MERCAPTOETHYL)ACETAMIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T26T34 orl-mus TDLo:600 mg/kg (1-15D preg) OYYAA2 6,621,72
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:220 mg/kg ARSIM* 20,16,66
* orl-mus LD50:200 mg/kg ARSIM* 20,16,66
skn-mus LD50:472 mg/kg OYYAA2 1,57,67
ipr-mus LD50:117 mg/kg OYYAA2 1,57,67
scu-mus LD50:245 mg/kg OYYAA2 1,57,67
skn-mky LD50:400 mg/kg OYYAA2 1,57,67
scu-rbt LD50:400 mg/kg OYYAA2 1,57,67
scu-gpg LD50:400 mg/kg OYYAA2 1,57,67
unk-mam LD50:200 mg/kg 30ZDA9 -,375,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE0560000 PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S,S-DIESTER with 1,1'-THIODI-2-PROPANETHIOL
UPDT:8309 CAS: 32358-08-0 MW: 430.58 MOLFM: C10-H24-O4-P2-S5
SYN: ENT 25,622 * S,S'-(THIOBIS(1-METHYL-2,1-ETHANEDIYL))BIS(PHOSPHORODITHIOATE * VELSICOL 58-CS-51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:375 mg/kg ARSIM* 20,27,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE0570000 PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER with N-(2-BROMO-1- MERCAPTOETHYL)PHTHALIMIDE
UPDT:8309 CAS: 10312-19-3 MW: 410.26 MOLFM: C12-H13-Br-N-O4-P-S2
SYN: ENT 27,268 * HERCULES 13842
TOXICITY DATA AND REFERENCES:
orl-rat LD50:188 mg/kg ARSIM* 20,12,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE0630000 PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER with N-(2-CHLORO-1- MERCAPTOETHYLPHTHALIMIDE
UPDT:8309 CAS: 10577-14-7 MW: 365.80 MOLFM: C12-H13-Cl-N-O4-P-S2
SYN: ENT 27,321 * HERCULES 14504 * NSC 190921
TOXICITY DATA AND REFERENCES:
orl-rat LD50:80 mg/kg ARSIM* 20,12,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE0660000 PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER with N,N'-DIETHYL2-MERCAPTOMALONAMIDE
UPDT:8309 CAS: 2830-87-7 MW: 314.39 MOLFM: C9-H19-N2-O4-P-S2
SYN: BAY 47185 * BAYER 47185 * ENT 25,828 * S-(2-(ETHYLAMINO)-1-((ETHYLAMINO)CARBONYL)-2-OXOETHYL) O,O-DIMETHYL PHOSPHORODITHIOATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1000 mg/kg ARSIM* 20,5,66

PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER with DIETHYL MERCAPTOSUCCINATE see: WM8400000

TE0875000 PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER with 2-ETHOXY- 4-(MERCAPTOMETHYL)-delta(sup 2) 1,3,4-THIADIAZOLIN-5-ONE
UPDT:8309 CAS: 2669-32-1 MW: 316.37 MOLFM: C7-H13-N2-O4-P-S3
SYN: O,O-DIMETHYL-S-(5-ETHOXY-1,3,4-THIADIAZOLINYL-3-METHYL)DITHIOPHOSPHATE * O,O-DIMETHYL S-(5-ETHOXY-1,3,4-THIADIAZOL-2(3H)-ONYL-(3)-METHYL)DITHIOPHOSPHATE * O,O-DIMETHYL-S-(5-ETHOXY-1,3,4-THIADIAZOL-2(3H)-ONYL-(3)-METHYL)PHOSPHORODITHIOATE * ENT 27,238 * S-((5-ETHOXY-2-OXO-1,3,4-THIADIAZOL-3(2H)-YL)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE * GEIGY 12968 * GEIGY GS-12968 * GS-12968 * LYTHIDATHION * NC 2962
TOXICITY DATA AND REFERENCES:
orl-rat LD50:268 mg/kg 28ZEAL 4,186,69
unk-mam LD50:225 mg/kg 30ZDA9 -,372,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE0960000 PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER with N-ETHYL-2-MERCAPTOACETAMIDE
UPDT:8310 CAS: 116-01-8 MW: 243.30 MOLFM: C6-H14-N-O3-P-S2
SYN: AC 18706 * AMERICAN CYANAMID 18706 * B 77 * DIMETHOATE-ETHYL * O,O-DIMETHYL S-(N-ETHYLCARBAMOYLMETHYL) DITHIOPHOSPHATE * O,O-DIMETHYL S-(N-ETHYLCARBAMOYLMETHYL) PHOSPHORODITHIOATE * EI 18706 * ENT 25,506 * ETHOATE METHYL * S-(2-(ETHYLAMINO-2-OXOETHYL) O,O-DIMETHYL PHOSPHORODITHIOATE * S-(N-ETHYLCARBAMOYLMETHYL) DIMETHYL PHOSPHORODITHIOATE * FITIOS * FITIOS B 77 * N-MONOETHYLAMIDE of O,O-DIMETHYLDITHIOPHOSPHORYLACETIC ACID * PHOSHOROTHIOIC ACID, S-(2-(ETHYLAMINO)-2-OXOETHYL) O,O-DIMETHYL ESTER
TOXICITY DATA AND REFERENCES:
orl-rat LD50:125 mg/kg WRPCA2 9,119,70
skn-rat LD50:2000 mg/kg WRPCA2 9,119,70
* ims-rat LD50:250 mg/kg FRPSAX 21,443,66
orl-mus LD50:350 mg/kg SPEADM 74-1,-,74
unk-mus LD50:350 mg/kg 30ZDA9 -,362,71
orl-ckn LD50:79 mg/kg TXAPA9 3,521,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE1050000 PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER with N-FORMYL-2-MERCAPTO-N-METHYL- ACETAMIDE
UPDT:8411 CAS: 2540-82-1 MW: 257.28 MOLFM: C6-H12-N-O4-P-S2
SYN: ACETAMIDE, N-FORMYL-2-MERCAPTO-N-METHYL-, S-ESTER with O,O-DIMETHYL PHOSPHORODITHIOATE * AFLIX * ANTHIO * ANTIO * CP 53926 * O,O-DIMETHYL DITHIOPHOSPHORYLACETIC ACID N-METHYL-N-FORMYLAMIDE * O,O-DIMETHYL S-(N-FORMYL-N-METHYLCARBAMOYLMETHYL) PHOSPHORODITHIOATE * O,O-DIMETHYL-S-(3-METHYL-2,4-DIOXO-3-AZA-BUTYL)-DITHIOFOSFAAT (Dutch) * O,O-DIMETHYL-S-(3-METHYL-2,4-DIOXO-3-AZA-BUTYL)-DITHIOPHOSPHAT (German) * O,O-DIMETHYL-s-(N-METHYL-N-FORMYL-CARBAMOYLMETHYL)-DITHIOPHOSPHAT (German) * O,O-DIMETHYL S-(N-METHYL-N-FORMYLCARBAMOYLMETHYL)PHOSPHORODITHIOATE * O,O-DIMETHYL PHOSPHORODITHIOATE N-FORMYL-2-MERCAPTO-N-METHYLACETAMIDE S-ESTER * O,O-DIMETIL-S-(N-FORMIL-N-METIL-CARBAMOIL-METIL)-DITIOFOSFATO (Italian) * ENT 27,257 * FORMOTHION * S-(2-(FORMYLMETHYLAMINO)-2-OXOETHYL) O,O-DIMETHYLPHOSPHORODITHIOATE * N-FORMYL-N-METHYLCARBAMOYLMETHYL O,O-DIMETHYL PHOSPHORODITHIOATE * S-(N-FORMYL-N-METHYLCARBAMOYLMETHYL) O,O-DIMETHYL PHOSPHORODITHIOATE * S-(N-FORMYL-N-METHYLCARBAMOYLMETHYL) DIMETHYL PHOSPHOROTHIOLOTHIONATE * J-38 * OMS-968 * P 1 * PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, N-FORMYL-2-MERCAPTO-N-METHYLACETAMIDE S-ESTER * PHOSPHORODITHIOIC ACID, S-(2-(FORMYLMETHYLAMINO)-2-OXOETHYL) O,O-DIMETHYL ESTER * S 6900 * SANDOZ S-6900 * SAN 244 I * SAN 6913 I * SAN 7107 I * SPENCER S-6900 * VEL 4284
MUTATION DATA AND REFERENCES:
mmo-sat 5 mg/plate MUREAV 116,185,83
mma-sat 5 mg/plate MUREAV 116,185,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:250 mg/kg IRGGAJ 21,92,64
skn-rat LD50:353 mg/kg BJIMAG 26,59,69
ivn-rat LD50:35 mg/kg IRGGAJ 22,246,66
orl-mus LD50:190 mg/kg SPEADM 78-1,31,78
3F07K13L30 ihl-mus LC50:27 mg/m3 GISAAA 40(4),110,76
orl-cat LD50:210 mg/kg 85DPAN -,-,71/76
orl-rbt LD50:420 mg/kg SPEADM 78-1,31,78
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 46,1,73; RREVAH 63,1,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE1300000 PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER with N-ISOPROPYL-2-MERCAPTO- N-METHOXYACETAMIDE
UPDT:8309 CAS: 2833-85-4 MW: 287.36 MOLFM: C8-H18-N-O4-P-S2
SYN: C-2428 * CIBA C-2428 * ENT 27,360 * S-(2-(METHOXY(1-METHYLETHYL)AMINO)-2-OXOETHYL) O,O-DIMETHYL PHOSPHORODITHIOATE * NSC 190958 * PHOSPHORODITHIOIC ACID, S-(2-(METHOXY(1-METHYLETHYL)AMINO)-2-OXOETHYL) O,O-DIMETHYL ESTER
TOXICITY DATA AND REFERENCES:
orl-rat LD50:260 mg/kg ARSIM* 20,7,66
orl-mus LD50:100 mg/kg ARSIM* 20,7,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE1410000 PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER with 2-MERCAPTO-N,N'-DIMETHOXY- N,N'-DIMETHYLSUCCINAMIDE
UPDT:8309 CAS: 10080-80-5 MW: 360.42 MOLFM: C10-H21-N2-O6-P-S2
SYN: S-(1,2-BIS(METHOXYMETHYLAMINO)CARBONYL)ETHYL) O,O-DIMETHYL PHOSPHORODITHIOATE * ENT 27,310 * OCS-21959 * VELSICOL OCS-21959
TOXICITY DATA AND REFERENCES:
orl-rat LD50:14 mg/kg ARSIM* 20,27,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE1420000 PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER with 2-MERCAPTO-N,N'-DIMETHYLMALONAMIDE
UPDT:8309 CAS: 922-86-1 MW: 286.33 MOLFM: C7-H15-N2-O4-P-S2
SYN: BAY 47073 * BAYER 47043 * CHIPMAN RP-13378 * ENT 25,827 * O,O-DIMETHYL S-(2-(METHYLAMINO)-1-(METHYLAMINO)CARBONYL)-2-OXOETHYLPHOSPHORODITHIOATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:250 mg/kg ARSIM* 20,5,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER with N-(2-MERCAPTOETHYL)ACETAMIDE see: TE0350000

TE1450000 PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER with 2-((2-MERCAPTOETHYL)SULFINYL) N-METHYLPROPIONAMIDE
UPDT:8309 CAS: 18278-41-6 MW: 319.42 MOLFM: C8-H18-N-O4-P-S3
SYN: ENT 27,113 * S-(2-((1-METHYL-2-(METHYLAMINO)-2-OXOETHYL)SULFINYL)ETHYL)PHOSPHO * RHODIA RP-13378 * RP 13378
TOXICITY DATA AND REFERENCES:
orl-mus LD50:515 mg/kg ARSIM* 20,17,66

TE1500000 PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER with 2-((2-MERCAPTOETHYL)THIO)- N,2-DIMETHYLPROPIONAMIDE
UPDT:8309 CAS: 926-28-3 MW: 317.45 MOLFM: C9-H20-N-O3-P-S3
SYN: CHIPMAN RP-13072 * S-(2-((1,1-DIMETHYL-2-(METHYLAMINO)-2-OXOETHYL)THIO)ETHYL) O,O-DIMETHYL PHOSPHORODITHIOATE * ENT 27,112 * RHODIA RP-13072 * RP 13072
TOXICITY DATA AND REFERENCES:
orl-mus LD50:360 mg/kg ARSIM* 20,17,66
orl-gpg LDLo:50 mg/kg JEENAI 61,1261,68
scu-gpg LDLo:100 mg/kg JEENAI 61,1261,68

TE1575000 PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER with 2-MERCAPTO-N-(2-METHOXYETHYL) ACETAMIDE
UPDT:8309 CAS: 919-76-6 MW: 273.33 MOLFM: C7-H16-N-O4-P-S2
SYN: ACETAMIDE, 2-MERCAPTO-N-(2-METHOXYETHYL)-, S-ESTER with O,O-DIMETHYL PHOSPHORODITHIOATE * AMIDITHION * C 2446 * CIBA 2446 * CIBA THIOCRON * O,O-DIMETHYL-S-(2-METHOXYETHYLCARBAMOYLMETHYL)DITHIOPHOSPHATE * O,O-DIMETHYL S-(2-METHOXYETHYLCARBAMOYL METHYL) PHOSPHORODITHIOATE * ENT 27,160 * S-(2-((2-METHOXYETHYL)AMINO-2-OXOETHYL) O,O-DIMETHYL) PHOSPHORODITHIOATE * S-(N-2-METHOXYETHYLCARBAMOYLMETHYL)DIMETHYL PHOPHOROTHIOLOTHIONATE * THIOCRON
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:420 mg/kg ARSIM* 20,25,66
skn-rat LD50:1600 mg/kg 28ZEAL 5,9,76
orl-ckn LD50:94 mg/kg TXAPA9 11,49,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE1750000 PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER with 2-MERCAPTO-N-METHYLACETAMIDE
UPDT:8412 CAS: 60-51-5 MW: 229.27 MOLFM: C5-H12-N-O3-P-S2

SYN: AC-12880 * AC-18682 * ACETIC ACID, O,O-DIMETHYLDITHIOPHOSPHORYL-, N-MONOMETHYLAMIDE SALT * AMERICAN CYANAMID 12880 * BI-58 * BI 58 EC * 8014 BIS HC * CEKUTHOATE * CL 12880 * CYGON * CYGON 4E * CYGON INSECTICIDE * DAPHENE * DE-FEND * DEMOS-L40 * DEVIGON * DIMATE 267 * DIMETATE * DIMETHOAAT (Dutch) * DIMETHOAT (German) * DIMETHOATE * DIMETHOATE-267 * DIMETHOAT TECHNISCH 95% * DIMETHOGEN * O,O-DIMETHYLDITHIOPHOSPHORYLACETIC ACID, N-MONOMETHYLAMIDE SALT * O,O-DIMETHYL S-(2-(METHYLAMINO)-2-OXOETHYL) PHOSPHORODITHIOATE * O,O-DIMETHYL-S-(N-METHYL-CARBAMOYL)-METHYL-DITHIOFOSFAAT (Dutch) * (O,O-DIMETHYL-S-(N-METHYL-CARBAMOYL-METHYL)-DITHIOPHOSPHAT) (German) * O,O-DIMETHYL METHYLCARBAMOYLMETHYL PHOSPHORODITHIOATE * O,O-DIMETHYL S-(N-METHYLCARBAMOYLMETHYL) DITHIOPHOSPHATE * O,O-DIMETHYL S-(N-METHYLCARBAMOYLMETHYL) PHOSPHORODITHIOATE * O,O-DIMETHYL S-(N-METHYLCARBAMYLMETHYL) THIOTHIONOPHOSPHATE * O,O-DIMETHYL-S-(N-MONOMETHYL)-CARBAMYL METHYL DITHIOPHOSPHATE * O,O-DIMETHYL-S-(2-OXO-3-AZA-BUTYL)-DITHIOPHOSPHAT (German) * O,O-DIMETIL-S-(N-METIL-CARBAMOIL-METIL)-DITIOFOSFATO (Italian) * DIMETON * DIMEVUR * DITHIOPHOSPHATE DE O,O-DIMETHYLE ET DE S(-N-METHYLCARBAMOYL-METHYLE) (French) * EI-12880 * ENT 24,650 * EXPERIMENTAL INSECTICIDE 12,880 * FERKETHION * FIP * FORTION NM * FOSFAMID * FOSFOTOX * FOSFOTOX R * FOSFOTOX R 35 * FOSTION MM * L-395 * LURGO * S-METHYLCARBAMOYLMETHYL O,O-DIMETHYL PHOSPHORODITHIOATE * N-MONOMETHYLAMIDE of O,O-DIMETHYLDITHIOPHOSPHORYLACETIC ACID * NC-262 * NCI-C00135 * PEI 75 * PERFECTHION * PERFEKTHION * PERFEKTION * PHOSPHAMID * PHOSPHAMIDE * PHOSPHORODITHIOIC ACID, O,O-DIMETHYL-S-(2-(METHYLAMINO)-2-OXOETHYL) ESTER (9CI) * RACUSAN * RCRA WASTE NUMBER P044 * REBELATE * ROGODIAL * ROGOR * ROGOR 40 * ROGOR L * ROGOR 20L * ROGOR P * ROXION * ROXION U.A. * SINORATOX * TRIMETION

MUTATION DATA AND REFERENCES:

	mmo-sat 5 mg/plate	MUREAV 116,185,83
	mma-sat 1 mg/plate	AMONDS 3,253,80
	mmo-esc 30 mmol/L/4H	MUREAV 32,133,75
	mmo-omi 100 mg/L	TGANAK 15(3),68,81
	dnr-omi 10 mg/plate	BIZNAT 95,463,76
	mrc-smc 30 mmol/L/5H	MUREAV 32,133,75
	mma-hmn:fbr 100 umol/L	MUREAV 42,161,77
	cyt-hmn:lym 44 umol/L	SOGEBZ 10,1580,74
	sce-hmn:lym 20 mg/L	MUREAV 88,307,81
	mnt-mus-orl 103 mg/kg/24H	BECTA6 25,277,80
	dns-mus-ipr 80 mg/kg	APTOA6 55,104,84
	cyt-mus-ipr 60 mg/kg	MUREAV 97,207,82
	cyt-ham:lng 390 mg/L	GMCRDC 27,95,81
	sce-ham:lng 20 mg/L	ENMUDM 4,621,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	orl-rat TDLo:120 mg/kg (6-15D preg)	BECTA6 22,522,79
3T22T29T76	orl-mus TDLo:1050 mg/kg (MGN)	TXAPA9 26,29,73
1T46	orl-cat TDLo:108 mg/kg (14-22D preg)	JEPTDQ 2(6),1283,79

TUMORIGENIC DATA AND REFERENCES:

3V01L60P60	orl-rat TDLo:256 mg/kg/4W-I	ARGEAR 41,311,73
3V01L60P60	ims-rat TDLo:176 mg/kg/6W-I	ARGEAR 41,311,73

TOXICITY DATA AND REFERENCES:

	orl-hmn LD50:30 mg/kg	GUCHAZ 6,209,73
	orl-rat LD50:152 mg/kg	TXAPA9 18,158,71
	skn-rat LD50:353 mg/kg	BJIMAG 26,59,69
	ipr-rat LD50:100 mg/kg	BJIMAG 21,52,64
	scu-rat LD50:350 mg/kg	BJIMAG 21,52,64
	ivn-rat LD50:450 mg/kg	BJIMAG 21,52,64
	unk-rat LD50:250 mg/kg	30ZDA9 -,355,71
	orl-mus LD50:60 mg/kg	BJIMAG 21,52,64
	ipr-mus LD50:45 mg/kg	BJIMAG 21,52,64
	scu-mus LD50:60 mg/kg	BJIMAG 21,52,64
	orl-dog LD50:400 mg/kg	SPEADM 78-1,31,78
	orl-cat LDLo:300 mg/kg	PCOC** -,395,66
	orl-rbt LD50:300 mg/kg	SPEADM 78-1,31,78
	orl-gpg LD50:350 mg/kg	PCOC** -,395,66
	orl-ham LD50:200 mg/kg	BJIMAG 21,52,64
	scu-ham LD50:60 mg/kg	BJIMAG 21,52,64
	orl-ckn LD50:37 mg/kg	TXAPA9 3,521,61
*	orl-dck LD50:42 mg/kg	DOEAAH 35,27,79
	orl-mam LD50:15 mg/kg	BJIMAG 21,52,64
	orl-brd LD50:22 mg/kg	BJIMAG 21,52,64
	orl-bwd LD50:7 mg/kg	TXAPA9 21,315,72

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AQMOAC #73-19,1973; RREVAH 46,1,73; MZUZA8 (8),90,73; DTTIAF 80(20),485,73; RREVAH 63,1,76

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE,RAT (NCITR* NCI-CG-TR-4,77)

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE1840000 PHOSPHORODITHIOIC ACID, 0,0-DIMETHYL ESTER, S-ESTER with 3-(MERCAPTOMETHYL)-2- BENZOTHIAZOLINONE

UPDT:8309 CAS: 30725-72-5 MW: 321.38 MOLFM: C10-H12-N-O3-P-S3

SYN: CHIPMAN RP 11807 * O,O-DIMETHYL S-((2-OXO-3(2H) BENZOTHIAZOLYL)METHYL) PHOSPHORODITHIOATE * ENT 27,111 * PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-((2-OXO-3(2H)-BENZOTHIAZOLYL)METHYL) ESTER * RHODIA RP-11807 * RP 11807

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:660 mg/kg	ARSIM* 20,17,66

TE1925000 PHOSPHORODITHIOIC ACID, 0,0-DIMETHYL ESTER, S-ESTER with 3-(MERCAPTOMETHYL)- 1,2,3-BENZOTRIAZIN-4(3H)-ONE

UPDT:8412 CAS: 86-50-0 MW: 317.34 MOLFM: C10-H12-N3-O3-P-S2

SYN: AZINFOS-METHYL (Dutch) * AZINOPHOS-METHYL * AZINPHOS-METILE (Italian) * AZINPHOS METHYL * AZINPHOS METHYL (DOT) * BAY 9027 * BAY 17147 * BAYER 9027 * BAYER 17147 * BENZOTRIAZINEDITHIOPHOSPHORIC ACID DIMETHOXY ESTER * BENZOTRIAZINE derivative of a METHYL DITHIOPHOSPHATE * 1,2,3-BENZOTRIAZIN-4(3H)-ONE, 3-(MERCAPTOMETHYL)-, O,O-DIMETHYL PHOSPHORODITHIOATE * CARFENE * COTNION METHYL * CRYSTHION 2L * CRYSTHYON * DBD * S-(3,4-DIHYDRO-4-OXO-BENZO(alpha)(1,2,3)TRIAZIN-3-YLMETHYL) O,O-DIMETHYL PHOSPHORODITHIOATE * S-(3,4-DIHYDRO-4-OXO-1,2,3-BENZOTRIAZIN-3-YLMETHYL) O,O-DIMETHYL PHOSPHORODITHIOATE * O,O-DIMETHYL S-(BENZAZIMINOMETHYL) DITHIOPHOSPHATE * O,O-DIMETHYL-S-(1,2,3-BENZOTRIAZINYL-4-KETO)METHYL PHOSPHORODITHIOATE * O,O-DIMETHYL S-(3,4-DIHYDRO-4-KETO-1,2,3-BENZOTRIAZINYL-3-METHYL) DITHIOPHOSPHATE * DIMETHYLDITHIOPHOSPHORIC ACID N-METHYLBENZAZIMIDE ESTER * O,O-DIMETHYL S-(4-OXO-3H-1,2,3-BENZOTRIZINE-3-METHYL)PHOSPHORODITHIOATE * O,O-DIMETHYL S-(4-OXOBENZOTRIAZINO-3-METHYL)PHOSPHORODITHIOATE * O,O-DIMETHYL S-(4-OXO-1,2,3-BENZOTRIAZINO(3)-METHYL) THIOTHIONOPHOSPHATE * O,O-DIMETHYL-S-((4-OXO-3H-1,2,3-BENZOTRIAZIN-3-YL)-METHYL)-DITHIOFOSFAAT (Dutch) * O,O-DIMETHYL-S-((4-OXO-3H-1,2,3-BENZOTRIAZIN-3-YL)-METHYL)-DITHIOPHOSPHAT (German) * O,O-DIMETHYL S-4-OXO-1,2,3-BENZOTRIAZIN-3(4H)-YLMETHYL PHOSPHORODITHIOATE * O,O-DIMETIL-S-((4-OXO-3H-1,2,3-BENZOTRIAZIN-3-IL)-METIL)-DITIOFOSFATO (Italian) * ENT 23,233 * GOTHNION * GUSATHION * GUSATHION M * GUTHION * GUTHION (DOT) * 3-(MERCAPTOMETHYL)-1,2,3-BENZOTRIAZIN-4(3H)-ONE O,O-DIMETHYL PHOSPHORODITHIOATE S-ESTER * METHYLAZINPHOS * N-METHYLBENZAZIMIDE, DIMETHYLDITHIOPHOSPHORIC ACID ESTER * METHYL GUTHION * METILTRIAZOTION * NA 2783 (DOT) * NCI-C00066 * R 1582

MUTATION DATA AND REFERENCES:

	mmo-ssp 25 mmol/L	MUREAV 117,139,83
	mma-ssp 25 mmol/L	MUREAV 117,139,83
	dns-hmn:fbr 10 umol/L	NTIS** PB268-647
	oms-hmn:fbr 120 mg/L	CNJGA8 18,665,76
	cyt-hmn:lng 120 mg/L	CNJGA8 17,455,75
	cyt-hmn:oth 120 mg/L	CNJGA8 17,455,75
	msc-mus:lym 10 mg/L	NTIS** PB84-138973
	cyt-ham:ovr 60 mg/L/18H-C	CHROAU 49,77,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T75T76T81	orl-rat TDLo:190 mg/kg (6-22D preg/21D post)	ARTODN 43,177,80
1T41	orl-rat TDLo:12500 ug/kg (6-15D preg)	ARTODN 43,177,80
1T81	orl-rat TDLo:85 mg/kg (6-22D preg)	NTIS** PB288-457
1T46	orl-mus TDLo:50 mg/kg (6-15D preg)	ARTODN 43,177,80

TUMORIGENIC DATA AND REFERENCES:

3V03K60N62	orl-rat TDLo:5110 mg/kg/78W-C	NCITR* NCI-CG-TR-69,78
2V03K60	orl-rat TD :121 gm/kg/78W-C	JEPTDQ 1(6),829,78

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:11 mg/kg	ARSIM* 20,2,66
	ihl-rat LC50:69 mg/m3/1H	NTIS** PB277-077
	skn-rat LD50:220 mg/kg	SPEADM 74-1,-,74
	ipr-rat LD50:6 mg/kg	JPETAB 119,208,57
	ivn-rat LD50:7500 ug/kg	NTIS** PB277-077
	unk-rat LD50:15 mg/kg	30ZDA9 -,371,71
*	orl-mus LD50:15 mg/kg	JPFCD2 B15,867,80
	skn-mus LD50:65 mg/kg	KUMJAX 12,313,59
	ipr-mus LD50:4 mg/kg	PSEBAA 129,699,68
	ivn-mus LDLo:8 mg/kg	PSEBAA 123,392,66
	orl-gpg LD50:80 mg/kg	PCOC** -,570,66
	ipr-gpg LD50:40 mg/kg	JPETAB 119,208,57
	orl-ckn LD50:277 mg/kg	TXAPA9 11,49,67
*	orl-dck LD50:136 mg/kg	DOEAAH 35,25,79
	orl-bwd LD50:8 mg/kg	TXAPA9 21,315,72

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RREVAH 51,123,74, AQMOAC #73-19,1973; RREVAH 46,1,73; CNDQA8 10(3),43,75; RREVAH 63,1,76

★ TLV-TWA 200 ug/m3; STEL 600 ug/m3 (skin)	DTLVS* 4,32,80

STANDARDS & REGULATIONS:

★ EPA:FARM WORKER FIELD REENTRY	FEREAC 39,16888,74
★ OSHA STANDARD-air:TWA 200 ug/m3 (skin) (SCP-S)	FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172.101,82
★ DOT-HAZARD:POISON B; LABEL:POISON, liquid mixture	CFRGBR 49,172.101,82

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:RAT (NCITR* NCI-CG-TR-69,78)

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-69,78)

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE2000000 PHOSPHORODITHIOIC ACID, 0,0-DIMETHYL ESTER, S-ESTER with 3-(MERCAPTOMETHYL)- 2-BENZOXAZOLINONE

UPDT:8310 CAS: 1218-13-9 MW: 305.32 MOLFM: C10-H12-N-O4-P-S2

SYN: O,O-DIMETHYL S-((2-OXO-3(2H)-BENZOXAZOLYL)METHYL) PHOSPHORODITHIOATE * ENT 27,110 * NIA 9201 * PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-((2-OXO-3(2H)-BENZOXAZOLYL)METHYL) ESTER * RHODIA RP-11783 * RP 11783

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:950 mg/kg	ARSIM* 20,17,66

TE2100000 PHOSPHORODITHIOIC ACID, 0,0-DIMETHYL ESTER, S-ESTER with 4-(MERCAPTOMETHYL)-2-METHOXY- delta(sup 2)-1,3,4-THIADIAZOLIN-5-ONE

UPDT:8310 CAS: 950-37-8 MW: 302.34 MOLFM: C6-H11-N2-O4-P-S3

SYN: CIBA-GEIGY GS 13005 * (O,O-DIMETHYL)-S-(-2-METHOXY-delta(sup 2)-1,3,4-THIADIAZOLIN-5-ON-4-YLMETHYL)DITHIOPHOSPHATE * S-(2,3-DIHYDRO-5-METHOXY-2-OXO-1,3,4-THIADIAZOL-3-METHYL) DIMETHYL PHOSPHOROTHIOLOTHIONATE * O,O-DIMETHYL S-(5-METHOXY-1,3,4-THIADIAZOLINYL-3-METHYL) DITHIOPHOSPHATE * O,O-DIMETHYL-S-(2-METHOXY-1,3,4-THIADIAZOL-5(4H)-ONYL-(4)-METHYL) PHOSPHORODITHIOATE * O,O-DIMETHYL-S-(2-METHOXY-1,3,4-THIADIAZOL-5-(4H)-ONYL-(4)-METHYL)-DITHIOPHOSPHAT (German) * O,O-DIMETHYL-S-((2-METHOXY-1,3,4 (4H)-THIODIAZOL-5-ON-4-YL)-METHYL)-DITHIOFOSFAAT (Dutch) * O,O-DIMETIL-S-((2-METOSSI-1,3,4-(4H)-TIADIZAOL-5-ON-4-IL)-METIL)-DITIFOSFATO (Italian) * DMTP(JAPAN) * ENT 27193 * FISONS NC 2964 * GEIGY 13005 * GEIGY GS 13005 * GS 13005 * METHIDATHION * S-((5-METHOXY-2-OXO-1,3,4-THIADIAZOL-3(2H)-YL)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE * SOMONIL * SURPRACIDE * ULTRACIDE

IRRITATION DATA AND REFERENCES:

	eye-rbt 34 mg SEV	CIGET* 8/1/73

MUTATION DATA AND REFERENCES:

	sce-hmn:lym 40 mg/L	MUREAV 88,307,81
	sce-ham:lng 40 mg/L	MUREAV 88,307,81

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:20 mg/kg	WRPCA2 9,119,70
*	ihl-rat LC50:3600 mg/m3/4H	FMCHA2 -,C224,83
	skn-rat LD50:25 mg/kg	WRPCA2 9,119,70
	orl-mus LD50:25 mg/kg	BESAAT 15,122,69
	orl-rbt LD50:63 mg/kg	31ZOAD 1,293,68
*	skn-rbt LD50:200 mg/kg	FMCHA2 -,C224,83
	orl-gpg LD50:25 mg/kg	31ZOAD 1,293,68
	orl-ham LD50:30 mg/kg	31ZOAD 1,293,68
	orl-ckn LD50:80 mg/kg	31ZOAD 1,293,68
	unk-mam LD50:25 mg/kg	30ZDA9 -,372,71

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RREVAH 46,1,73; RREVAH 63,1,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE2110000 PHOSPHORODITHIOIC ACID, 0,0-DIMETHYL ESTER, S-ESTER with 4-(MERCAPTOMETHYL)-5-METHOXY- delta(sup 4)-1,3,4-THIADIAZOLIN-2-ONE

UPDT:8406 MW: 303.35 MOLFM: C6-H12-N2-O4-P-S3

SYN: 3-DIMETHYLDITHIOPHOSPHORYL S-METHYL-5-METHOXY-1,3,4-THIADIAZOLIN-2-ONE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:52 mg/kg	OYYAA2 2,76,58

TE2275000 PHOSPHORODITHIOIC ACID, 0,0-DIMETHYL ESTER, S-ESTER with N-(MERCAPTOMETHYL)PHTHALIMIDE

UPDT:8408 CAS: 732-11-6 MW: 317.33 MOLFM: C11-H12-N-O4-P-S2

SYN: APPA * DECEMTHION * DECEMTHION P-6 * (O,O-DIMETHYL-PHTHALIMIDIOMETHYL-DITHIOPHOSPHATE) * O,O-DIMETHYL S-(PHTHALIMIDOMETHYL)DITHIOPHOSPHATE * O,O-DIMETHYL S-(N-PHTHALIMIDOMETHYL) DITHIOPHOSPHATE * O,O-DIMETHYL S-PHTHALIMIDOMETHYL PHOSPHORODITHIOATE * ENT 25,705 * FTALOPHOS * IMIDAN * KEMOLATE * N-(MERCAPTOMETHYL)PHTHALIMIDE S-(O,O-DIMETHYL PHOSPHORODITHIOATE) * PERCOLATE * PHOSPHORODITHIOIC ACID, S-((1,3-DIHYDRO-1,3-DIOXO-ISOINDOL-2-YL)METHYL) O,O-DIMETHYL ESTER * PHOSMET * PHTHALIMIDE, N-(MERCAPTOMETHYL)-, S-ESTER with O,O-DIMETHYL PHOSPHORODITHIOATE * PHTHALIMIDO O,O-DIMETHYL PHOSPHORODITHIOATE * PHTHALIMIDOMETHYL O,O-DIMETHYL PHOSPHORODITHIOATE * PHTHALOPHOS * PMP * PROLATE * R 1504 * SMIDAN * STAUFFER R 1504

MUTATION DATA AND REFERENCES:

	mmo-sat 5 mg/plate	MUREAV 116,185,83
	mma-sat 5 mg/plate	MUREAV 116,185,83
	cyt-mus-orl 20 mg/kg	SOGEBZ 11,1534,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	orl-rat TDLo:30 mg/kg (8D preg)	NTIS** PB80-159627
1T41	orl-rat TDLo:30 mg/kg (13D preg)	EVHPAZ 13,121,76
2T26T25	orl-rat TDLo:16500 ug/kg (1-22D preg)	EVHPAZ 13,121,76

3T35T46T71 orl-rat TDLo:100 mg/kg (1-20D preg) VETNAL 56(1),62,80
1T16 orl-rat TDLo:6 mg/kg (1-20D preg) VETNAL 56(1),62,80
2T25T46 orl-mus TDLo:49600 ug/kg (1-8D preg) AXVMAW 34,791,80
1T34 orl-mus TDLo:6200 ug/kg (12D preg) AXVMAW 34,791,80
1T24 orl-mus TDLo:124 mg/kg (1-8D preg) AXVMAW 34,791,80
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:50 mg/kg SPEADM 74-1,-,74
3D07D17F07 ihl-hmn TCLo:2 mg/m3/D HYSAAV 34(1-3),192,69
orl-rat LD50:147 mg/kg SPEADM 74-1,-,74
• ihl-rat LC50:54 mg/m3/4H 85GMAT -,59,82
skn-rat LD50:1550 mg/kg WRPCA2 9,119,70
orl-mus LD50:26 mg/kg HYSAAV 34(1-3),192,69
• ihl-cat LC50:65 mg/m3/4H 85GMAT -,59,82
• skn-rbt LD50:4640 mg/kg FMCHA2 -,C186,83
orl-gpg LD50:200 mg/kg HYSAAV 34(1-3),192,69
orl-ckn LD50:707 mg/kg TXAPA9 6,147,64
• orl-dck LD50:1830 mg/kg DOEAAH 35,25,79
unk-mam LD50:40 mg/kg 30ZDA9 -,370,71
orl-bwd LD50:18 mg/kg TXAPA9 21,315,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 46,1,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE2300000 PHOSPHORODITHIOIC ACID, 0,0-DIMETHYL ESTER, S-ESTER with 3-(MERCAPTOMETHYL)-2,4- THIAZOLIDINEDIONE
UPDT:8309 CAS: 17702-76-0 MW: 287.32 MOLFM: C6-H10-N-O4-P-S3
SYN: S-((2,4-DIOXO-3-THIAZOLIDINYL)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE * ENT 27,296 * PHOSPHORODITHIOIC ACID, S-((2,4-DIOXO-3-THIAZOLIDINYL)METHYL) O,O-DIMETHYL ESTER * R 7240 * STAUFFER R-7240
TOXICITY DATA AND REFERENCES:
orl-rat LD50:68 mg/kg ARSIM* 20,23,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORODITHIOIC ACID, 0,0-DIMETHYL ESTER, N-FORMYL-2-MERCAPTO-N-METHYLACETAMIDE S-ESTER see: TE1050000
PHOSPHORODITHIOIC ACID, 0,0-DIMETHYL S-(2-ETHYLTHIO)ETHYL ESTER see: TE4375000
PHOSPHORODITHIOIC ACID S-(((1,1-DIMETHYLETHYL)THIO)METHYL) 0,0-DIETHYL ESTER see: TD7200000
PHOSPHORODITHIOIC ACID, 0,0-DIMETHYL-S-(2-(METHYLAMINO)-2-OXOETHYL) ESTER (9CI) see: TE1750000
PHOSPHORODITHIOIC ACID, 0,0-DIMETHYL S-(2-((1-METHYLETHYL)THIO)ETHYL) ESTER see: TE4465000
PHOSPHORODITHIOIC ACID, 0,0-DIMETHYL S-((2-OXO-3(2H)-BENZOTHIAZOLYL)METHYL) ESTER see: TE1840000
PHOSPHORODITHIOIC ACID, 0,0-DIMETHYL S-((2-OXO-3(2H)-BENZOXAZOLYL)METHYL) ESTER see: TE2000000

TE3200000 PHOSPHORODITHIOIC ACID, S-(4,6-DIMETHYL-2-PYRIMIDINYL) O-ETHYL O-ISOPROPYL ESTER
UPDT:8309 CAS: 17702-78-2 MW: 306.41 MOLFM: C11-H19-N2-O2-P-S2
SYN: S-(4,6-DIMETHYL-2-PYRIMIDINYL) O-ETHYL O-(1-METHYLETHYL) PHOSPHORODITHIOATE * ENT 27,123 * R 5763 * STAUFFER R-5763
TOXICITY DATA AND REFERENCES:
orl-rat LD50:68 mg/kg ARSIM* 20,23,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE3250000 PHOSPHORODITHIOIC ACID, S-(4,6-DIMETHYL-2-PYRIMIDINYL) O-ETHYL O-PROPYL ESTER
UPDT:8309 CAS: 17702-79-3 MW: 306.41 MOLFM: C11-H19-N2-O2-P-S2
SYN: S-(4,6-DIMETHYL-2-PYRIMIDINYL) O-ETHYL O-PROPYL PHOSPHORODITHIOATE * ENT 27,122 * R 5762 * STAUFFER R-5762
TOXICITY DATA AND REFERENCES:
orl-rat LD50:79 mg/kg ARSIM* 20,23,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE3300000 PHOSPHORODITHIOIC ACID, 0,0-DIMETHYL S-9-THIABICYCLO(3.3.1)NON-6-EN-2-YL ESTER
UPDT:8309 CAS: 6436-04-0 MW: 296.42 MOLFM: C10-H17-O2-P-S3
SYN: ENT 27,158 * HOOKER HRS 1634 * HRS 1634 * PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-9-THIABICYCLO(4.2.1)NONENYL ESTER (isomeric mixture)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1000 mg/kg ARSIM* 20,13,66

PHOSPHORODITHIOIC ACID, 0,0-DIMETHYL S-9-THIABICYCLO(4.2.1)NONENYL ESTER (isomeric mixture) see: TE3300000

TE3350000 PHOSPHORODITHIOIC ACID, S,S'-p-DIOXANE-2,3-DIYL 0,0,0',0'-TETRAETHYL ESTER
UPDT:8412 CAS: 78-34-2 MW: 456.56 MOLFM: C12-H26-O6-P2-S4
SYN: AC 528 * BIS(DITHIOPHOSPHATE de O,O-DIETHYLE) de S,S' (1,4-DIOXANNE-2,3-DIYLE) (French) * DELNATEX * DIOXATION * DELNAV * 1,4-DIOSSAN-2,3-DIYL-BIS(O,O-DIETIL-DITIOFOSFATO) (Italian) * 1,4-DIOXAAN-2,3-DIYL-BIS(O,O-DIETHYL-DITHIOFOSFAAT) (Dutch) * 1,4-DIOXAN-2,3-DIYL-BIS(O,O-DIAETHYL-DITHIOPHOSPHAT) (German) * DIOXATHION * 1,4-DIOXAN-2,3-DIYL BIS(O,O-DIETHYLPHOSPHOROTHIOLOTHIONATE) * 1,4-DIOXAN-2,3-DIYL O,O,O',O'-TETRAETHYL DI(PHOSPHOROMITHIOATE) * 2,3-p-DIOXANDITHIOL S,S-BIS(O,O-DIETHYL PHOSPHORODITHIOATE) * 2,3-p-DIOXANE S,S-BIS(O,O-DIETHYLPHOSPHOROITHIOATE) * p-DIOXANE-2,3-DITHIOL, S,S-DIESTER with O,O-DIETHYL PHOSPHORODITHIOATE * p-DIOXANE-2,3-DIYL ETHYL PHOSPHORODITHIOATE * DIOXOTHION * ENT 22897 * HERCULES 528 * HERCULES AC528 * KAVADEL * NAVADEL * NCI-C00395 * PHOSPHORODITHIOIC ACID, S,S'-1,4-DIOXANE-2,3-DIYL O,O,O',O'-TETRAETHYL ESTER (9CI) * RUPHOS
TOXICITY DATA AND REFERENCES:
skn-rat LD50:63 mg/kg TXAPA9 5,605,63
orl-rat LD50:20 mg/kg WRPCA2 9,119,70
ihl-rat LC50:1398 mg/m3/1H TXAPA9 5,605,63
ipr-rat LD50:30 mg/kg TXAPA9 5,605,63
orl-mus LD50:176 mg/kg TXAPA9 5,605,63
ihl-mus LC50:340 mg/m3/1H TXAPA9 5,605,63
ipr-mus LD50:33 mg/kg PSEBAA 129,699,68
orl-dog LD50:10 mg/kg PCOC** -,427,66
skn-rbt LD50:85 mg/kg PCOC** -,427,66
orl-ckn LD50:170 mg/kg 32ZXAD 37,A10,75
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug/m3 (skin) DTLVS* 4,156,80
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-125,78)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORODITHIOIC ACID, S,S'-1,4-DIOXANE-2,3-DIYL 0,0,0',0'-TETRAETHYL ESTER (9CI) see: TE3350000
PHOSPHORODITHIOIC ACID, S-((2,4-DIOXO-3-THIAZOLIDINYL)METHYL) 0,0-DIETHYL ESTER see: TD8500000
PHOSPHORODITHIOIC ACID, S-((2,4-DIOXO-3-THIAZOLIDINYL)METHYL) 0,0-DIMETHYL ESTER see: TE2300000

TE3570000 PHOSPHORODITHIOIC ACID, S-(DIPHENYLMETHYL) 0,0-DIETHYL ESTER
UPDT:8402 CAS: 3735-04-4 MW: 352.47 MOLFM: C17-H21-O2-P-S2
SYN: S-(DIPHENYLMETHYL) O,O-DIETHYL PHOSPHORODITHIOATE
TOXICITY DATA AND REFERENCES:
• orl-mus LD50:142 mg/kg KSKZAN 16,18,78

PHOSPHORODITHIOIC ACID, S-(2-(DI-2-PROPENYLAMINO)-2-OXOETHYL) 0,0-DIETHYL ESTER see: TD7950000

TE3690000 PHOSPHORODITHIOIC ACID, 0,0-DIPROPYL S-(2-PIPECOLINOCARBONYLMETHYL) ESTER
UPDT:8309 CAS: 24151-93-7 MW: 353.52 MOLFM: C14-H28-N-O3-P-S2
SYN: C 19490 * 1-(DI-N-PROPOXYPHOSPHINOTHIOYLTHIOMETHYLCARBONYL-2-METHYLPIPERIDINE) * O,O-DIPROPYL S-2-METHYL-PIPERIDINOCARBONYL-METHYL PHOSPHORODITHIOATE * PIPEROPHOS * RILOF
TOXICITY DATA AND REFERENCES:
orl-rat LD50:324 mg/kg 85ARAE 2,107,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORODITHIOIC ACID-S-ESTER of 6-CHLORO-3-MERCAPTOMETHYLBENZOXAZYOL-2-ONE see: TD5175000

TE3850000 PHOSPHORODITHIOIC ACID, O-ETHYL-S,S-DIPHENYL ESTER
UPDT:8406 CAS: 17109-49-8 MW: 310.38 MOLFM: C14-H15-O2-P-S2
SYN: O-AETHYL-S,S-DIPHENYL-DITHIOPHOSPHAT (German) * BAY 78418 * BAYER 78418 * DITHIOPHOSPHORSAEURE-O-AETHYL-S,S-DIPHENYLESTER (German) * EDDP * EDIFENPHOS * EDIPHENPHOS * O-ETHYL S,S-DIPHENYL DITHIOPHOSPHATE * O-ETHYL-S,S-DIPHENYL PHOSPHORODITHIOATE * HINOSAN * LUTROL * SRA 7847
TOXICITY DATA AND REFERENCES:
• orl-rat LD50:100 mg/kg OYYAA2 2,76,68
ipr-rat LD50:26 mg/kg TXAPA9 23,519,72
unk-rat LD50:212 mg/kg 30ZDA9 -,375,71
orl-mus LD50:218 mg/kg 85DPAN -,-,71/76
orl-rbt LD50:350 mg/kg 28ZEAL 5,91,76
orl-gpg LD50:350 mg/kg 28ZEAL 5,91,76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 53,99,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE4025000 PHOSPHORODITHIOIC ACID, O-ETHYL S,S-DIPROPYL ESTER
UPDT:8309 CAS: 13194-48-4 MW: 242.36 MOLFM: C8-H19-O2-P-S2
SYN: ENT 27,318 * ETHOPROP * ETHOPROPHOS * O-ETHYL S,S-DIPROPYLPHOSPHORODITHIOATE * JOLT * MOBIL V-C 9-104 * MOCAP * PROPHOS * V-C 9-104 * V-C CHEMICAL V-C 9-104 * VIRGINIA-CAROLINA VC 9-104
TOXICITY DATA AND REFERENCES:
orl-rat LD50:34 mg/kg ARSIM* 20,26,66
skn-rat LD50:60 mg/kg WRPCA2 9,119,70
skn-rbt LD50:26 mg/kg SPEADM 78-1,30,78
orl-ckn LD50:5500 ug/kg TXAPA9 11,49,67
orl-dck LD50:1260 ug/kg TXAPA9 47,451,79
skn-dck LD50:11 mg/kg TXAPA9 47,451,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE4050000 PHOSPHORODITHIOIC ACID, O-ETHYL O-ISOPROPYL ESTER, S-ESTER with N-(MERCAPTOMETHYL) PHTHALIMIDE
UPDT:8309 CAS: 14813-38-8 MW: 359.42 MOLFM: C14-H18-N-O4-P-S2
SYN: ENT 25,866 * R-5724-A * STAUFFER R-5724-A
TOXICITY DATA AND REFERENCES:
• orl-rat LD50:50 mg/kg ARSIM* 20,23,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE4100000 PHOSPHORODITHIOIC ACID, O-ETHYL O-METHYL ESTER, S-ESTER with N-(MERCAPTOMETHYL) PHTHALIMIDE
UPDT:8309 CAS: 13104-29-5 MW: 331.36 MOLFM: C12-H14-N-O4-P-S2
SYN: S-((1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)METHYL) O-ETHYL O-METHYL PHOSPHORODITHIOATE * ENT 25,865 * R 5723A * STAUFFER R 5723-A
TOXICITY DATA AND REFERENCES:
orl-rat LD50:50 mg/kg ARSIM* 20,23,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE4165000 PHOSPHORODITHIOIC ACID, O-ETHYL O-(4-(METHYLTHIO)PHENYL) S-PROPYL ESTER
UPDT:8403 CAS: 35400-43-2 MW: 322.46 MOLFM: C12-H19-O2-P-S3
SYN: BAY-NTN-9306 * BOLSTAR * O-ETHYL O-(4-(METHYLMERCAPTO)PHENYL) S-n-PROPYLPHOSPHOROTHIONOTHIOLATE * O-ETHYL O-(4-(METHYLTHIO)PHENYL)PHOSPHORODITHIOIC ACID S-PROPYL ESTER * O-ETHYL O-(4-(METHYLTHIO)PHENYL) S-PROPYL PHOSPHORODITHIOATE * HELOTHION * SULPROFOS
TOXICITY DATA AND REFERENCES:
orl-rat LD50:65 mg/kg 85ARAE 1,205,77
• orl-mus LD50:1600 mg/kg DTLWS* 4,380,82
• skn-rbt LD50:820 mg/kg FMCHA2 -,C34,83
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg/m3 DTLWS* 4,380,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE4170000 PHOSPHORODITHIOIC ACID, O-ETHYL O-PROPYL ESTER, S-ESTER with N-(MERCAPTOMETHYL)PHTHALIMIDE
UPDT:8309 CAS: 19133-16-5 MW: 359.42 MOLFM: C14-H18-N-O4-P-S2
SYN: S-((1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)METHYL) O-ETHYL O-PROPYL PHOSPHORODITHIOATE * ENT 25,864 * R-5722-A * STAUFFER R-5722-A
TOXICITY DATA AND REFERENCES:
• orl-rat LD50:50 mg/kg ARSIM* 20,23,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE4375000 PHOSPHORODITHIOIC ACID, S-(2-(ETHYLTHIO)ETHYL) 0,0-DIMETHYL ESTER
UPDT:8403 CAS: 640-15-3 MW: 246.36 MOLFM: C6-H15-O2-P-S3
SYN: BAY 23129 * COMPOUND M-81 * O,O-DIMETHYL S-(2-AETHYLTHIO-AETHYL)-DITHIO PHOSPHAT (German) * O,O-DIMETHYL-S-(2-ETHYLMERCAPTOETHYL) DITHIOPHOSPHATE * O,O-DIMETHYL-S-2-ETHYLMERKAPTOETHYLESTER KYSELINY DITHIOFOSFORECNE (Czech) * O,O-DIMETHYL-S-(2-ETHYLTHIO-ETHYL)-DITHIOFOSFAAT (Dutch) * O,O-DIMETHYL S-(2-(ETHYLTHIO)ETHYL) PHOSPHORODITHIOATE * O,O-DIMETIL-S-(ETILTIO-ETIL)-DITIOFOSFATO (Italian) * DITHIOMETHON * DITHIOMETON (French) * DITHIOPHOSPHATE DE O,O-DIMETHYLE ET DE S-(2-ETHYLTHIO-ETHYLE) (French) * EKATIN * EKATIN AEROSOL * EKATINE-25 * EKATIN ULV * ETHANETHIOL, 2-(ETHYLTHIO)-, S-ESTER with O,O-DIMETHYL PHOSPHORODITHOATE * 2-ETHYLTHIOETHYL O,O-DIMETHYL PHOSPHORODITHIOATE * S-(2-(ETHYLTHIO)ETHYL) O,O-DIMETHYLPHOSPHORODITHIONATE * S-(2-(ETHYLTHIO)ETHYL)DIMETHYL PHOSPHOROTHIOLOTHIONATE * INTRATHION * INTRATION * LUXISTELM * M 81 * PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-(2-ETHYLTHIO)ETHYL ESTER * SAN 230 * THIAMETON * THIOMETON
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,212,72
eye-rbt 750 ug/24H SEV 28ZPAK -,212,72
MUTATION DATA AND REFERENCES:
mmo-sat 5 uL/plate MUREAV 28,405,75
mmo-sat 1 mg/plate MUREAV 116,185,83
mmo-esc 5 uL/plate MUREAV 28,405,75
TOXICITY DATA AND REFERENCES:
orl-rat LD50:25 mg/kg PHJOAV 185,361,60

skn-rat LD50:179 mg/kg 13ZGAF -,206,62
ivn-rat LD50:38500 ug/kg 13ZGAF -,206,62
orl-mus LD50:60 mg/kg PCOC** -,1132,66
unk-mam LD50:70 mg/kg 30ZDA9 -,368,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MZUZA8 (8),90,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORODITHIOIC ACID, S-(2-(FORMYLMETHYLAMINO)-2-OXOETHYL) O,O-DIMETHYL ESTER see: TE1050000

TE4400000 PHOSPHORODITHIOIC ACID, S-(2-((1,4,5,6,7,7-HEXACHLORO-5-NORBORNEN-2-YL)METHYL)THIO)-1- METHYLETHYL) O,O-DIMETHYL ESTER
UPDT:8309 CAS: 4470-23-9 MW: 545.15 MOLFM: C13-H17-Cl6-O2-P-S3
SYN: 58-CS-52 * ENT 25,820 * VELSICOL 58-CS-52
TOXICITY DATA AND REFERENCES:
orl-rat LD50:940 mg/kg ARSIM* 20,27,66

TE4420000 PHOSPHORODITHIOIC ACID, S-HYDROXYMETHYL O,O-DIMETHYL ESTER, ACETATE
UPDT:8309 CAS: 1741-11-3 MW: 230.25 MOLFM: C5-H11-O4-P-S2
SYN: S-((ACETYLOXY)METHYL) O,O-DIMETHYL PHOSPHORODITHIOATE * ENT 27,207 * PHOSPHORODITHIOIC ACID, S-((ACETYLOXY)METHYL) O,O-DIMETHYL ESTER * R-8033 * STAUFFER R-8033
TOXICITY DATA AND REFERENCES:
orl-rat LD50:93 mg/kg ARSIM* 20,23,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE4425000 PHOSPHORODITHIOIC ACID, S-((4-HYDROXY-3-METHYL-2,6-DIPHENYL-4-PIPERIDINYL)ETHYNYL) O,O-DIMETHYL ESTER, (2-alpha,3-beta,4-alpha,6-alpha)-
UPDT:8402 CAS: 75682-23-4 MW: 447.58 MOLFM: C22-H26-N-O3-P-S2
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:180 mg/kg DANKAS 259,474,81

TE4425100 PHOSPHORODITHIOIC ACID, S-((4-HYDROXY-3-METHYL-2,6-DIPHENYL-4-PIPERIDINYL)ETHYNYL) O,O-DIMETHYL ESTER, (2-alpha,3-beta,4-beta,6-alpha)-
UPDT:8402 CAS: 75682-26-7 MW: 447.58 MOLFM: C22-H26-N-O3-P-S2
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:250 mg/kg DANKAS 259,474,81

TE4425500 PHOSPHORODITHIOIC ACID, S-((4-HYDROXY-3-METHYL-2,6-DIPHENYL-4-PIPERIDINYL)ETHYNYL) O,O-DIPROPYL ESTER, (2-alpha,3-beta,4-alpha,6-alpha)-
UPDT:8402 CAS: 75682-25-6 MW: 503.70 MOLFM: C26-H34-N-O3-P-S2
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:270 mg/kg DANKAS 259,474,81

TE4425600 PHOSPHORODITHIOIC ACID, S-((4-HYDROXY-3-METHYL-2,6-DIPHENYL-4-PIPERIDINYL)ETHYNYL) O,O-DIPROPYL ESTER, (2-alpha,3-beta,4-beta,6-alpha)-
UPDT:8402 CAS: 75682-28-9 MW: 503.70 MOLFM: C26-H34-N-O3-P-S2
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:390 mg/kg DANKAS 259,474,81

TE4450000 PHOSPHORODITHIOIC ACID, O-ISOPROPYL O-METHYL ESTER, S-ESTER with N-(MERCAPTOMETHYL) PHTHALIMIDE
UPDT:8309 CAS: 15863-65-7 MW: 345.39 MOLFM: C13-H16-N-O4-P-S2
SYN: ENT 25,867 * R-5725-A * STAUFFER B-5725 * STAUFFER R 5725-A
TOXICITY DATA AND REFERENCES:
orl-rat LD50:50 mg/kg ARSIM* 20,21,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE4465000 PHOSPHORODITHIOIC ACID, S-2-(ISOPROPYLTHIO)ETHYL O,O-DIMETHYL ESTER
UPDT:8309 CAS: 36614-38-7 MW: 260.39 MOLFM: C7-H17-O2-P-S3
SYN: O,O-DIMETHYL-S-2-(ISOPROPYLTHIO)ETHYLPHOSPHORODITHIOATE * HODSON * HOSALON * HOSDON * HOSDON GRANULE * S-2-ISOPROPYLTHIOETHYL O,O-DIMETHYL PHOSPHORODITHIOATE * ISOTHIOATE * PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-(2-((1-METHYLETHYL)THIO)ETHYL) ESTER
TOXICITY DATA AND REFERENCES:
orl-rat LD50:150 mg/kg 28ZEAL 5,134,76
* orl-mus LD50:50 mg/kg FMCHA2 -,C128,83
* skn-mus LD50:240 mg/kg FMCHA2 -,C128,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE4480000 PHOSPHORODITHIOIC ACID, O-METHYL S,S-DIPROPYL ESTER
UPDT:8309 CAS: 4104-02-3 MW: 228.33 MOLFM: C7-H17-O2-P-S2
SYN: ENT 25,821 * O-METHYL S,S-DIPROPYL PHOSPHORODITHIOATE * V-C 3-607 * V-C CHEMICAL V-C 3-607 * VIRGINIA-CAROLINA VC 3-607
TOXICITY DATA AND REFERENCES:
orl-rat LD50:18 mg/kg ARSIM* 20,26,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE4550000 PHOSPHORODITHIOIC ACID, S,S'-METHYLENE O,O,O',O'-TETRAETHYL ESTER
UPDT:8403 CAS: 563-12-2 MW: 384.49 MOLFM: C9-H22-O4-P2-S4
SYN: AC 3422 * BIS(S-(DIETHOXYPHOSPHINOTHIOYL)MERCAPTO)METHANE * BLADAN * DIETHION * EMBATHION * ENT 24,105 * ETHANOX * ETHIOL * ETHION * ETHION (DOT) * ETHODAN * ETHYL METHYLENE PHOSPHORODITHIOATE * FMC-1240 * FOSFONO 50 * HYLEMOX * ITOPAZ * KWIT * METHYLEEN-S,S'-BIS(O,O-DIETHYL-DITHIOFOSFAAT) (Dutch) * METHYLENE-S,S'-BIS(O,O-DIAETHYL-DITHIOPHOSPHAT) (German) * S,S'-METHYLENE O,O,O',O'-TETRAETHYL PHOSPHORODITHIOATE * NA 2783 (DOT) * NIA 1240 * NIAGARA 1240 * NIALATE * PHOSPHORODITHIOIC ACID, O,O-DIETHYL ESTER, S,S-DIESTER with METHANEDITHIOL * PHOSPHOTOX E * RHODIACIDE * RHODOCIDE * RODOCID * RP 8167 * SOPRATHION * O,O,O',O'-TETRAAETHYL-BIS(DITHIOPHOSPHAT) (German) * O,O,O,O-TETRAETHYL S,S'-METHYLENEBIS(DITHIOPHOSPHATE) * O,O,O',O'-TETRAETHYL S,S'-METHYLENEBISPHOSPHORDITHIOATE * O,O,O',O'-TETRAETHYL S,S'-METHYLENEBISPHOSPHORODITHIOATE * TETRAETHYL S,S'-METHYLENE BIS(PHOSPHOROTHIOLOTHIONATE) * O,O,O',O'-TETRAETHYL S,S'-METHYLENE DI(PHOSPHORODITHIOATE) * VEGFRU FOSMITE
TOXICITY DATA AND REFERENCES:
3C08F17U25 orl-inf TDLo:15700 ug/kg TXMDAX 63,71,67
1Y01 orl-hmn TDLo:100 ug/kg TXAPA9 22,286,72
orl-rat LD50:13 mg/kg PHJOAV 185,361,60
skn-rat LD50:62 mg/kg TXAPA9 14,515,69
ipr-rat LD50:26 mg/kg PSEBAA 129,699,68
unk-rat LD50:55 mg/kg 30ZDA9 -,367,71
orl-mus LD50:40 mg/kg 85DPAN -,-,71/76
ipr-mus LD50:35 mg/kg PSEBAA 129,699,68
skn-rbt LD50:890 mg/kg TobJS# 9NOV73
orl-gpg LD50:40 mg/kg 85DPAN -,-,71/76
skn-gpg LD50:915 mg/kg 85DPAN -,-,71/76
orl-bwd LD50:45 mg/kg TXAPA9 21,315,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AQMOAC #/3-19,1973; DTTIAF 80(20),485,73; RREVAH 63,1,76
★ TLV-TWA 400 ug/m3 (skin) DTLVS* 4,171,80
STANDARDS & REGULATIONS:
★ EPA:FARM WORKER FIELD REENTRY FEREAC 39,16888,74
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172,101,82
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORODITHIOIC ACID, S-(2-(METHOXY(1-METHYLETHYL)AMINO)-2-OXOETHYL) O,O-DIMETHYL ESTER see: TE1300000

TE4600000 PHOSPHORODITHIOIC ACID, O-METHYL O-PROPYL ESTER, S-ESTER with N-(MERCAPTOMETHYL)PHTHALIMIDE
UPDT:8309 CAS: 19133-14-3 MW: 345.39 MOLFM: C13-H16-N-O4-P-S2
SYN: S-((1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)METHYL) O-METHYL O-PROPYL PHOSPHORODITHIOATE * ENT 25,863 * R-5092-B * STAUFFER R-5092-B
TOXICITY DATA AND REFERENCES:
orl-rat LD50:90 mg/kg ARSIM* 20,23,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORODITHIOIC ACID, S,S'-(PHENYLMETHYLENE)-, O,O,O',O'-TETRAMETHYL ESTER see: TD4900000

TE4780000 PHOSPHORODITHIOIC ACID, O,S,S-TRIMETHYL ESTER
UPDT:8408 CAS: 22608-53-3 MW: 172.21 MOLFM: C3-H9-O2-P-S2
SYN: O,S,S-TRIMETHYLPHOSPHORODITHIOATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:26 mg/kg ARTODN 42,95,79
3E08F23K01 ivn-rat LD50:42 mg/kg DTESD7 8,631,80
3E08F23K01 orl-mus LD50:198 mg/kg DTESD7 8,631,80
3C09E08K01 ipr-mus LD50:38 mg/kg ARTODN 51,221,82
3E08F23K01 ivn-mus LD50:149 mg/kg DTESD7 8,631,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORODITHIONIC ACID, S-2-(ETHYLTHIO)ETHYL-O,O-DIETHYL ESTER see: TD9275000

TE5000000 PHOSPHOROFLUORIDIC ACID
UPDT:8303 CAS: 13537-32-1 MW: 99.99 MOLFM: F-H2-O3-P
SYN: FLUOROPHOSPHORIC ACID, ANHYDROUS * MONOFLUOROPHOSPHORIC ACID * MONOFLUOROPHOSPHORIC ACID, ANHYDROUS (DOT) * UN 1776 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

TE5075000 PHOSPHOROFLUORIDIC ACID, BIS(1-METHYLETHYL) ESTER
UPDT:8412 CAS: 55-91-4 MW: 184.17 MOLFM: C6-H14-F-O3-P
SYN: DFP * DIFLUROPHATE * DIFLUPYL * DIISOPROPOXYPHOSPHORYL FLUORIDE * DIISOPROPYL FLUOROPHOSPHATE * O,O-DIISOPROPYL FLUOROPHOSPHATE * DIISOPROPYL FLUOROPHOSPHONATE * DIISOPROPYLFLUOROPHOSPHORIC ACID ESTER * DIISOPROPYL PHOSPHOFLUORIDATE * DIISOPROPYL PHOSPHOROFLUORIDATE * O,O-DIISOPROPYL PHOSPHORYL FLUORIDE * DYFLOS * FLOROPRYL * FLUOPHOSPHORIC ACID, DIISOPROPYL ESTER * FLUORODIISOPROPYL PHOSPHATE * FLUOSTIGMINE * FLUOROPRYL * ISOFLUOROPHATE * ISOFLUROPHATE * ISOPROPYL FLUOPHOSPHATE * ISOPROPYL PHOSPHOROFLUORIDATE * NEOGLAUCIT * PF-3 * PHOSPHOROFLUORIDIC ACID, DIISOPROPYL ESTER * RCRA WASTE NUMBER P043 * T-1703 * TL 466
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T83T85 ipr-mus TDLo:500 ug/kg (13D preg) FEPRA7 31,596,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6 mg/kg JPETAB 87,414,46
ihl-rat LC50:360 mg/m3/10M JCSOA9 -,695,48
ipr-rat LD50:1280 ug/kg ARZNAD 14,85,64
scu-mus LD50:1750 ug/kg ARZNAD 27,1983,77
ims-rat LD50:1800 ug/kg JCINAO 37,350,58
orl-mus LD50:37 mg/kg JPETAB 87,414,46
ihl-mus LC50:600 mg/m3/10M JIHTAB 30,307,48
skn-mus LD50:72 mg/kg JPETAB 87,414,46
1Y23 ipr-mus LD50:4000 ug/kg ABBIA4 64,456,56
3C08F23K12 scu-mus LD50:3500 ug/kg AIPTAK 106,395,56
ivn-mus LD50:3200 ug/kg BCPCA6 15,169,66
scu-dog LD50:3 mg/kg JPETAB 87,414,46
ivn-dog LD50:3430 ug/kg JPETAB 87,414,46
ivn-mky LD50:250 ug/kg JPETAB 87,414,46
ivn-cat LD50:1630 ug/kg JPETAB 87,414,46
orl-rbt LD50:9780 ug/kg JPETAB 87,414,46
scu-rbt LD50:1 mg/kg JPETAB 87,414,46
ivn-rbt LD50:340 ug/kg JPETAB 87,414,46
ims-rbt LD50:750 ug/kg NTIS** PB158-508
ocu-rbt LD50:1400 ug/kg AJOPAA 53,512,62
scu-rbt LD50:1200 ug/kg JPETAB 87,414,46
scu-dom LD50:1 mg/kg NTIS** PB158-508
ivn-dom LD50:800 ug/kg NTIS** PB158-508
ivn-mam LD50:800 ug/kg JPETAB 87,414,46
scu-mam LD50:1 mg/kg JPETAB 87,414,46
3C08F05J30 par-nml LD50:1450 mg/kg AIPTAK 124,212,60
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 3(13),289,75; RREVAH 46,1,73; IRXPAT 3,219,64; CRTXB2 2,365,73; CRTXB2 1(1),93,71; CHREAY 48,225,51; IMSUAI 19,535,50
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROFLUORIDIC ACID, DIISOPROPYL ESTER see: TE5075000

TE6130000 PHOSPHOROFLUORIDIC ACID, DISODIUM SALT
UPDT:8209 CAS: 10163-15-2 MW: 143.95 MOLFM: F-O3-P.2Na
SYN: DISODIUM FLUOROPHOSPHATE * DISODIUM MONOFLUOROPHOSPHATE * DISODIUM PHOSPHOROFLUORIDATE * SODIUM FLUOROPHOSPHATE (Na2PO3F) * SODIUM MONOFLUOROPHOSPHATE * SODIUM PHOSPHOROFLUORIDATE * SODIUM PHOSPHOROFLURIDATE
MUTATION DATA AND REFERENCES:
dlt-dmg-orl 20 umol/L GENTAE 87,67,77
TOXICITY DATA AND REFERENCES:
3K30L30M30 orl-rat LD50:75 mg/kg IARC** 27,237,82
* ipr-rat LD50:220 mg/kg JDREAF 29,529,50
3K30L30M30 orl-mus LD50:94 mg/kg IARC** 27,237,82
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE6400000 PHOSPHOROSELENOIC ACID, Se-(2-(DIETHYLAMINO)ETHYL) O,O-DIETHYL ESTER
UPDT:8201 CAS: 10161-85-0 MW: 316.28 MOLFM: C10-H24-N-O3-P-Se
SYN: O,O-DIETHYL Se-(2-DIETHYLAMINOETHYL)PHOSPHOROSELENOATE
TOXICITY DATA AND REFERENCES:
1Y01 scu-mus LD50:60 ug/kg JMCMAR 10,115,67
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

TE6440000 PHOSPHOROTHIOATE

UPDT:8401 CAS: 15181-41-6 MW: 111.03 MOLFM: O3-P-S

SYN: PHOSPHOROTHIOLATE ION * PHOSPHOROTHIONATE ION * THIOPHOSPHATE * THIOPHOSFHATE ION

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2300 ug/kg	JAVMA4 157,1835,70
*	skn-rat LD50:6 mg/kg	JAVMA4 157,1835,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOATE, 0,0-DIETHYL 0-6-(2-ISOPROPYL-4-METHYLPYRIMIDYL) see: TF3325000

TE6483500 PHOSPHOROTHIOIC ACID, S-(2-AMINOETHYL) ESTER, MONOSODIUM SALT

UPDT:8302 CAS: 3724-89-8 MW: 179.12 MOLFM: C2-H7-N-O3-P-S Na

SYN: S-(2-AMINOETHYL) THIOPHOSPHATE MONOSODIUM SALT * CISTAPHOS * CYSTAPHOS * CYSTAPHOS SODIUM SALT * ETHANETHIOL, 2-AMINO-, DIHYDROGEN PHOSPHATE(ester), MONOSODIUM SALT * MONOSODIUM beta-AMINOETHYL THIOPHOSPHATE * SODIUM HYDROGEN S-(2-AMINOETHYL)PHOSPHOROTHIOIC ACID * SODIUM HYDROGEN S-(2-AMINOETHYL)PHOSPHOROTHIOATE * WR 638

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:555 mg/kg	RADOA8 16,249,76
	ims-rat LD50:505 mg/kg	RADOA8 16,249,76
	orl-mus LD50:1433 mg/kg	RADOA8 16,249,76
	ipr-mus LD50:806 mg/kg	RADOA8 16,249,76
	ims-mus LD50:1003 mg/kg	RADOA8 16,249,76
	ipr-gpg LD50:358 mg/kg	RADOA8 16,249,76

TE6487000 PHOSPHOROTHIOIC ACID, S-(3-AMINO-2-HYDROXYPROPYL) ESTER, MONOSODIUM SALT

UPDT:8405 CAS: 28402-17-7 MW: 209.15 MOLFM: C3-H9-N-O4-P-S Na

SYN: 2-PROPANOL, 1-AMINO-3-(PHOSPHONOTHIO)-, MONOSODIUM SALT (9CI) * SODIUM HYDROGEN S-(3-AMINO-2-HYDROXYPROPYL) PHOSPHOROTHIOATE * WR 77913

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:3574 mg/kg	IOBPD3 8,553,82

TE6491000 PHOSPHOROTHIOIC ACID, S-(2-(3-AMINOPROPYLAMINO)ETHYL) ESTER

UPDT:8412 CAS: 20537-88-6 MW: 214.25 MOLFM: C5-H15-N2-O3-P-S

SYN: 2-((3-AMINOPROPYL)AMINO)-ETHANETHIOL, DIHYDROGEN PHOSPHATE ESTER (9CI) * S-omega-(3-AMINOPROPYLAMINO)ETHYL DIHYDROGEN PHOSPHOROTHIOATE * S,2-(3-AMINOPROPYLAMINO)ETHYL-PHOSPHOROTHIOIC ACID * AMINOPROPYL AMINOETHYL THIOPHOSPHATE * APAETP * ETHANETHIOL, 2-((3-AMINOPROPYL)AMINO)-, DIHYDROGEN PHOSPHATE (ester) * GAMMAPHOS * NSC-296961 * WR 2721 * WR 2721C

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	ivn-rat TDLo:550 mg/kg (7-17D preg)	OYYAA2 27,847,84
1T71	ivn-rat TDLo:300 mg/kg (17-22D preg)	OYYAA2 27,875,84
1T76	ivn-rat TDLo:1350 mg/kg (17-22D preg/21D post)	OYYAA2 27,875,84
1T81	ivn-rat TDLo:1300 mg/kg (17-22D preg/7D post)	OYYAA2 27,875,84
2T34T35	ivn-rat TDLo:1100 mg/kg (7-17D preg)	OYYAA2 27,847,84
1T46	ivn-rbt TDLo:650 mg/kg (6-18D preg)	OYYAA2 27,859,84
1T45	ivn-rbt TDLo:65 mg/kg (6-18D preg)	OYYAA2 27,859,84

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:418 mg/kg	RADOA8 16,249,76
	ims-rat LD50:396 mg/kg	RADOA8 16,249,76
*	orl-mus LD50:842 mg/kg	RADOA8 20,746,80
1P20	ipr-mus LD50:550 mg/kg	BJCAAI 43,745,81
3F19J25U26	ivn-mus LD50:557 mg/kg	NTIS** PB81-199580
	ims-mus LD50:514 mg/kg	RADOA8 16,249,76
2K12K13	ivn-dog LDLo:279 mg/kg	NTIS** PB81-199580
	ipr-gpg LD50:407 mg/kg	RADOA8 16,249,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE6493000 PHOSPHOROTHIOIC ACID, S-(2-((3-AMINOPROPYL)AMINO)ETHYL) ESTER, HYDRATE

UPDT:8310 CAS: 63717-27-1 MW: 232.27 MOLFM: C5-H15-N2-O3-P-S H2-O

SYN: ETHANETHIOL, 2-((3-AMINOPROPYL)AMINO)-, DIHYDROGEN PHOSPHATE (ester) HYDRATE * PHOSPHOROTHIOIC ACID, S-ESTER with 2-((3-AMINOPROPYL)AMINO)ETHANETHIOL, HYDRATE

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:700 mg/kg	JMCMAR 12,236,69
	unk-mus LD50:375 mg/kg	JMCMAR 9,911,66

PHOSPHOROTHIOIC ACID, O-(4-(AMINOSULFONYL)PHENYL) O,O-DIETHYL ESTER see: TF2050000

PHOSPHOROTHIOIC ACID, O-(4-(AMINOSULFONYL)PHENYL) O,O-DIMETHYL ESTER (9CI) see: TF7525000

TE6500000 PHOSPHOROTHIOIC ACID, S-BENZYL O,O-DIETHYL ESTER

UPDT:8402 CAS: 13286-32-3 MW: 260.31 MOLFM: C11-H17-O3-P-S

SYN: O,O-DIETHYL S-BENZYL THIOPHOSPHATE * IBP * KITAZIN * RICID

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:660 mg/kg	85ARAE 4,102,76
	unk-rat LD50:238 mg/kg	30ZDA9 -,352,71
*	orl-mus LD50:230 mg/kg	CHYCDW 14,197,80
*	ipr-mus LD50:96 mg/kg	CHYCDW 14,197,80
*	ivn-mus LD50:570 mg/kg	CHYCDW 14,197,80
*	unk-mus LD50:202 mg/kg	TGANAK 16(1),45,82

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RREVAH 53,99,74

TE6550000 PHOSPHOROTHIOIC ACID, S-BENZYL O,O-DIISOPROPYL ESTER

UPDT:8309 CAS: 26087-47-8 MW: 288.37 MOLFM: C13-H21-O3-P-S

SYN: O,O-BIS(1-METHYLETHYL) S-(PHENYLMETHYL)PHOSPHOROTHIOATE * O,O-DIISOPROPYL S-BENZYL PHOSPHOROTHIOLATE * O,O-DIISOPROPYL S-BENZYL THIOPHOSPHATE * IBP * KITAZIN P

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:490 mg/kg	FMCHA2 -,C136,83
*	orl-mus LD50:1760 mg/kg	FMCHA2 -,C136,83
*	skn-mus LD50:5000 mg/kg	FMCHA2 -,C136,83

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RREVAH 53,99,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOIC ACID, S-(2,2-BIS(ETHYLTHIO)PROPYL) O,O-DIETHYL ESTER see: TF2500000

PHOSPHOROTHIOIC ACID, O-(1-(4-BROMO-2-CHLOROPHENYL)-2-CHLOROETHENYL) O,O-DIETHYL ESTER see: TE6900000

PHOSPHOROTHIOIC ACID, O-(1-(4-BROMO-2-CHLOROPHENYL)-2-CHLOROETHENYL) O,O-DIMETHYL ESTER see: TE6950000

TE6900000 PHOSPHOROTHIOIC ACID, O-(1-(2-BROMO-4-CHLOROPHENYL)-2-CHLOROVINYL)O,O-DIETHYL ESTER

UPDT:8309 CAS: 2082-40-8 MW: 420.10 MOLFM: C12-H14-Br-Cl2-O3-P-S

SYN: O-(1-(4-BROMO-2-CHLOROPHENYL)-2-CHLOROETHENYL) O,O-DIETHYL PHOSPHOROTHIOATE * ENT 27,103 * PHOSPHOROTHIOIC ACID, O-(1-(4-BROMO-2-CHLOROPHENYL)-2-CHLOROETHENYL) O,O-DIETHYL ESTER * SD 9321 * SHELL SD-9321

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:62 mg/kg	ARSIM* 20,21,66

TE6950000 PHOSPHOROTHIOIC ACID, O-(1-(4-BROMO-2-CHLOROPHENYL)-2-CHLOROVINYL) O,O-DIMETHYL ESTER

UPDT:8309 CAS: 1217-97-6 MW: 392.04 MOLFM: C10-H10-Br-Cl2-O3-P-S

SYN: O-(1-(4-BROMO-2-CHLOROPHENYL)-2-CHLOROETHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE * ENT 27,121 * PHOSPHOROTHIOIC ACID, O-(1-(4-BROMO-2-CHLOROPHENYL)-2-CHLOROETHENYL) O,O-DIMETHYL ESTER * SD 9320 * SHELL SD-9320

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:102 mg/kg	ARSIM* 20,21,66

TE6975000 PHOSPHOROTHIOIC ACID, O-(4-BROMO-2-CHLOROPHENYL)-O-ETHYL-S-PROPYL ESTER

UPDT:8309 CAS: 41198-08-7 MW: 373.65 MOLFM: C11-H15-Br-Cl-O3-P-S

SYN: O-(4-BROMO-2-CHLOROPHENYL) O-ETHYL S-PROPYL PHOSPHOROTHIOATE * CGA 15324 * CURACRON * POLYCRON * PROFENOFOS * SELEC[illegible]

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:400 mg/kg	SPEA[illegible]
	skn-rat LD50:300 mg/kg	CIGET* -,-,77
	orl-mus LD50:298 mg/kg	CIGET* -,-,77
	orl-rbt LD50:700 mg/kg	CIGET* -,-,77
*	skn-rbt LD50:192 mg/kg	FMCHA2 -,C65,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE7000000 PHOSPHOROTHIOIC ACID, O-(4-BROMO-2,5-DICHLOROPHENYL) O,O-DIETHYL ESTER

UPDT:8309 CAS: 4824-78-6 MW: 394.06 MOLFM: C10-H12-Br-Cl2-O3-P-S

SYN: O-(4-BROMO-2,5-DICHLOROPHENYL) O,O-DIETHYL PHOSPHOROTHIOATE * O-(4-BROMO-2,5-DICHLOROPHENYL) O,O-DIETHYLPHOSPHOROTHIONATE * BROMOFOS-ETHYL * BROMOPHOSETHYL * CELA S-2225 * O,O-DIAETHYL-O-(4-BROM-2,5-DICHLOR)-PHENYL-MONOTHIOPHOSPHAT (German) * O,O-DIETHYL-O-(4-BROOM-2,5-DICHLOOR-FENYL)-MONOTHIOFOSFAAT (Dutch) * O,O-DIETHYL O-(2,5-DICHLORO-4-BROMOPHENYL) THIOPHOSPHATE * O,O-DIETHYL O-2,5-DICHLORO-4-BROMOPHENYL-PHOSPHOROTHIOATE * O,O-DIETIL-O-(4-BROMO-2,5 DICLORO-FENIL)-MONOTIOFOSFATO (Italian) * ENT 27,258 * ETHYL BROMOPHOS * FILARIOL * NEXAGAN * OMS-659 * PHENOL, 4-BROMO-2,5-DICHLORO-, O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE * S 2225 * THIOPHOSPHATE DE O,O-DIETHYLE ET DE O-(2,5-DICHLORO-4-BROMO) PHENYLE (French)

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:52 mg/kg	SPEADM 74-1,-,74
	ihl-rat LCLo:16600 ppb/2H	85DPAN -,-,71/76
	skn-rat LD50:1000 mg/kg	WRPCA2 9,119,70
	unk-rat LD50:238 mg/kg	30ZDA9 -,335,71
*	orl-mus LD50:210 mg/kg	FMCHA2 -,C37,83
	skn-rbt LD50:1366 mg/kg	28ZEAL 5,29,76
	orl-gpg LDLo:100 mg/kg	31ZOAD 1,49,68
	orl-dom LDLo:125 mg/kg	31ZOAD 1,49,68

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RREVAH 41,65,72; RREVAH 63,1,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE7175000 PHOSPHOROTHIOIC ACID, O-(4-BROMO-2,5-DICHLOROPHENYL) O,O-DIMETHYL ESTER

UPDT:8408 CAS: 2104-96-3 MW: 366.00 MOLFM: C8-H8-Br-Cl2-O3-P-S

SYN: BROFENE * O-(4-BROM-2,5-DICHLOR-PHENYL)-O,O-DIMETHYL-MONOTHIOPHOSPHAT (German) * O-(4-BROMO-2,5-DICLORO-FENIL)-O,O-DIMETIL-MONOTIOFOSFATO (Italian) * O-(4-BROMO-2,5-DICHLOROPHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE * 4-BROMO-2,5-DICHLOROPHENYL DIMETHYL PHOSPHOROTHIONATE * BROMOFOS * BROMOFOS-METHYL * O-(4-BROOM-2,5-DICHLOOR-FENYL)-O,O-DIMETHYL-MONOTHIOFOSFAAT (Dutch) * BROMOPHOS * BRUOMOPHOS (Russian) * CELA S 1942 * O,O-DIMETHYL O-(4-BROMO-2,5-DICHLOROPHENYL) PHOSPHOROTHIOATE * O,O-DIMETHYL-O-(2,5-DICHLORO-4-BROMOPHENYL)PHOSPHOROTHIOATE * O,O-DIMETHYL O-(2,5-DICHLORO-4-BROMOPHENYL) THIOPHOSPHATE * EL 400 * ENT 27,162 * MONSANTO CP 51969 * NETAL * NEXION * NEXION 40 * OMS-658 * PHENOL, 4-BROMO-2,5-DICHLORO-, O-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE * S 1942 * THIOPHOSPHATE DE O,O-DIMETHYLE ET DE O-4-BROMO-2,5-DICHLOROPHENYLE (French)

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1600 mg/kg	TXAPA9 14,515,69
	ipr-rat LDLo:1625 mg/kg	ATXKA8 22,36,66
	orl-mus LD50:2829 mg/kg	28ZEAL 5,29,76
	ipr-mus LD50:1040 mg/kg	ATXKA8 22,36,66
	orl-cat LDLo:750 mg/kg	ATXKA8 22,36,66
	orl-rbt LD50:720 mg/kg	28ZEAL 5,29,76
	skn-rbt LD50:2181 mg/kg	28ZEAL 5,29,76
	orl-gpg LD50:1500 mg/kg	ATXKA8 22,36,66
	orl-ckn LD50:9700 mg/kg	28ZEAL 5,29,76
*	orl-mam LD50:37[illegible]0 mg/kg	GISAAA 41(8),82,76
*	skn-mam LD50:2820 mg/kg	GTPZAB 21(7),34,77
	unk-mam LD50:2000 mg/kg	30ZDA9 -,335,71

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RREVAH 46,1,73; CNDQA8 10(3),43,75; RREVAH 41,65,72; RREVAH 63,1,76

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

PHOSPHOROTHIOIC ACID, O-(2-CHLORO-1-(2,4-DIBROMOPHENYL)ETHENYL) O,O-DIMETHYL ESTER see: TE7400000

TE7400000 PHOSPHOROTHIOIC ACID, O-(2-CHLORO-(2,4-DIBROMOPHENYL)VINYL) O,O-DIMETHYL ESTER

UPDT:8309 CAS: 1217-96-5 MW: 436.50 MOLFM: C10-H10-Br2-Cl-O3-P-S

SYN: O-(2-CHLORO-1-(2,4-DIBROMOPHENYL)ETHENYL) O,O-DIMETHYL PHOSPHORODITHIOATE * ENT 27,120 * PHOSPHOROTHIOIC ACID, O-(2-CHLORO-1-(2,4-DIBROMOPHENYL)ETHENYL) O,O-DIMETHYL ESTER * SD 9174 * SHELL SD-9174

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:58 mg/kg	ARSIM* 20,21,66

PHOSPHOROTHIOIC ACID, G-(2-CHLORO-1-(2,5-DICHLOROPHENYL)O,O-DIETHYL ESTER see: TE7525000

PHOSPHOROTHIOIC ACID, O-(2-CHLORO-1-(2,4-DICHLOROPHENYL)ETHENYL O,O'-DIETHYL ESTER see: TE7500000

TE7500000 PHOSPHOROTHIOIC ACID, O-(2-CHLORO-1-(2,4-DICHLOROPHENYL)VINYL) O,O-DIETHYL ESTER

UPDT:8309 CAS: 1224-63-1 MW: 375.64 MOLFM: C12-H14-Cl3-O3-P-S

SYN: O-(2-CHLORO-1-(2,4-DICHLOROPHENYL)ETHENYL) O,O-DIETHYL PHOSPHOROTHIOATE * ENT 27,097 * PHOSPHOROTHIOIC ACID, O-(2-CHLORO-1-(2,4-DICHLOROPHENYL)ETHENYL O,O'-DIETHYL ESTER * SD-8803 * SHELL SD-8803

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:35 mg/kg	ARSIM* 20,20,66
	orl-mus LD50:17 mg/kg	ARSIM* 20,20,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE7525000 PHOSPHOROTHIOIC ACID, O-(2-CHLORO-1-(2,5-DICHLOROPHENYL)VINYL) O,O-DIETHYL ESTER

UPDT:8403 CAS: 1757-18-2 MW: 375.64 MOLFM: C12-H14-Cl3-O3-P-S

SYN: AKTON * AXIOM * O-(2-CHLORO-1-(2,5-DICHLOROPHENYL)-VINYL)O,O-DIETHYL PHOSPHOROTHIOATE * O,O-DIETHYL O-(2-CHLORO-1-2,5-DICHLOROPHENYLVINYL) PHOSPHOROTHIOATE * ENT 27,102 * PHOSPHOROTHIOIC ACID, O-(2-CHLORO-1-(2,5-DICHLOROPHENYL)O,O-DIETHYL ESTER * SD 9098 * SHELL SD-9098

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:146 mg/kg	WRPCA2 9,119,70
	orl-mus LD50:89 mg/kg	SPEADM 74-1,-,74
	skn-rbt LD50:177 mg/kg	SPEADM 78-1,41,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE7600000 PHOSPHOROTHIOIC ACID, O-(2-CHLORO-1-(2,4-DICHLOROPHENYL)VINYL)O,O-DIMETHYL ESTER
UPDT:8309 CAS: 1217-98-7 MW: 347.58 MOLFM: C10-H10-Cl3-O3-P-S
SYN: O-(2-CHLORO-1-(2,4-DICHLOROPHENYL)ETHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE * ENT 27,116 * SD 9020 * SHELL SD-9020
TOXICITY DATA AND REFERENCES:
orl-mus LD50:89 mg/kg ARSIM* 20,20,66

TE7750000 PHOSPHOROTHIOIC ACID, O-(2-CHLORO-1-ISOPROPYLIMIDAZOL-4-YL) O,O-DIETHYL ESTER
UPDT:8309 CAS: 42509-80-8 MW: 312.78 MOLFM: C10-H18-Cl-N2-O3-P-S
SYN: CGA-12223 * O-(5-CHLORO-1-(METHYLETHYL)-1H 1,2,4-TRIAZOL-3-YL) O,O-DIETHYL PHOSPHOROTHIOATE * ISAZOPHOS * MIRAL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:40 mg/kg 85ARAE 1,131,77
* skn-rat LD50:290 mg/kg FMCHA2 -,C159,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE7800000 PHOSPHOROTHIOIC ACID, O-(3-CHLORO-4-METHYLTHIO)PHENYL) O,O-DIMETHYL ESTER
UPDT:8309 CAS: 2951-17-9 MW: 298.75 MOLFM: C9-H12-Cl-O3-P-S2
SYN: BAYER 29491 * O-(3-CHLORO-4-(METHYLTHIO)PHENYL O,O-DIMETHYL PHOSPHOROTHIOATE * ENT 25,676
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:50 mg/kg ARSIM* 20,3,66

TE7875000 PHOSPHOROTHIOIC ACID, O-(2-CHLORO-4-NITROPHENYL) O,O-DIMETHYL ESTER
UPDT:8403 CAS: 2463-84-5 MW: 297.66 MOLFM: C8-H9-Cl-N-O5-P-S
SYN: AC 4124 * AMERICAN CYANAMID 4,124 * BAYER 22/190 * CAPTEC * O-(4-CHLOOR-3-NITRO-FENYL)-O,O-DIMETHYLMONOTHIOFOSFAAT (Dutch) * O-(4-CHLOR-3-NITRO-PHENYL)-O,O-DIMETHYL-MONOTHIOPHOSPHAT (German) * O-(4-CLORO-3-NITRO-FENIL)-O,O-DIMETIL-MONOTIOFOSFATO (Italian) * O-(2-CHLORO-4-NITROPHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE * CHLORTHION * DICAPTAN * DICAPTHON * DICAPTON * O,O-DIMETHYL O-2-CHLORO-4-NITROPHENYL PHOSPHOROTHIOATE * O,O-DIMETHYL-O-(2-CHLORO-4-NITROPHENYL)THIONOPHOSPHATE * DIMETHYL 2-CHLORONITROPHENYL THIOPHOSPHATE * ENT 17,035 * EXPERIMENTAL INSECTICIDE 4124 * INSECTICIDE ACC 4124 * ISOCHLOORTHION (Dutch) * ISOCHLORTHION * ISOMERIC CHLORTHION * p-NITRO-o-CHLOROPHENYL DIMETHYL THIONOPHOSPHATE * OMS-214 * PHENOL, 2-CHLORO-4-NITRO-, O-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE * THIOPHOSPHATE DE O,O-DIMETHYLE ET DE O-4-CHLORO-3-NITROPHENYLE (French)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:330 mg/kg TXAPA9 2,88,60
skn-rat LD50:790 mg/kg TXAPA9 2,88,60
orl-mus LD50:331 mg/kg ARTODN 41,111,78
orl-ckn LD50:248 mg/kg TXAPA9 3,521,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE8050000 PHOSPHOROTHIOIC ACID, O-(3-CHLORO-4-NITROPHENYL) O,O-DIMETHYL ESTER
UPDT:8402 CAS: 500-28-7 MW: 297.66 MOLFM: C8-H9-Cl-N-O5-P-S
SYN: BAYER 22/190 * O-(3-CHLOOR-4-NITRO-FENYL)-O,O-DIMETHYL-MONOTHIOFOSFAAT (Dutch) * CHLOORTHION (Dutch) * O-(3-CLORO-4-NITRO-FENIL)-O,O-DIMETIL-MONOTIOFOSFATO (Italian) * O-(3-CHLOR-4-NITRO-PHENYL)-O,O-DIMETHYL-MONOTHIOPHOSPHAT (German) * O-(3-CHLORO-4-NITROPHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE * CHLOROTHION * CHLORTHION * CHLORTHION METHYL * CHLORTION (Czech) * COMPOUND 22/190 * O,O-DIMETHYL-O-3-CHLOR-4-NITROFENYLTIOFOSFAT (Czech) * O,O-DIMETHYL-O-(3-CHLOR-4-NITROPHENYL)-MONOTHIOPHOSPHAT (German) * O,O-DIMETHYL O-(3-CHLORO-4-NITROPHENYL) PHOSPHOROTHIOATE * DIMETHYL 3-CHLORO-4-NITROPHENYL THIONOPHOSPHATE * O,O-DIMETHYL O-(3-CHLORO-4-NITROPHENYL) THIOPHOSPHATE * O,O-DIMETHYL p-NITRO-m-CHLOROPHENYL THIOPHOSPHATE * O,O-DIMETHYL O-4-NITRO-3-CHLOROPHENYL THIOPHOSPHATE * ENT 18,861 * METHYLCHLOROTHION * p-NITRO-m-CHLOROPHENYL DIMETHYL THIONOPHOSPHATE * OMS 217 * PHENOL, 3-CHLORO-4-NITRO-, O-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE * THIOPHOSPHATE DE O,O-DIMETHYLE ET DE O-3-CHLORO-4-NITROPHENYLE (French)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:880 mg/kg TXAPA9 14,515,69
skn-rat LD50:1500 mg/kg WRPCA2 9,119,70
3Y01F12F13 ipr-rat LD50:750 mg/kg AMIHBC 8,350,53
unk-rat LD50:880 mg/kg 30ZDA9 -,331,71
orl-mus LD50:794 mg/kg ARTODN 41,111,78
* orl-rbt LDLo:1 gm/kg JEENAI 48,139,55
ipr-gpg LD50:525 mg/kg ARZNAD 5,626,55
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DTTIAF 80(20),485,73; RREVAH 63,1,76

TE8100000 PHOSPHOROTHIOIC ACID, O-(p-((p-CHLOROPHENYL)AZO)PHENYL) O,O-DIMETHYL ESTER
UPDT:8309 CAS: 5834-96-8 MW: 356.78 MOLFM: C14-H14-Cl-N2-O3-P-S
SYN: ALAMOS * AZOTHOATE * O-(p-(p-CHLOROPHENYLAZO)PHENYL)O,O-DIMETHYL PHOSPHOROTHIOATE * O-4-(4-CHLOROPHENYLAZOPHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE * 4-(4-CHLOROPHENYLAZOPHENYL) DIMETHYL PHOSPHOROTHIONATE * O,O-DIMETHYL O-4-(4-CHLOROPHENYLAZO)PHENYL PHOSPHOROTHIOATE * L 1058 * PHENOL, p-((p-CHLOROPHENYL)AZO)-, O-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE * SLAM
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:81500 mg/kg FMCHA2 -,C8,83

TE8600000 PHOSPHOROTHIOIC ACID, S-(4-CHLOROTETRAHYDRO-3-THIENYL) O,O-DIETHYL ESTER, 1,1-DIOXIDE
UPDT:8309 CAS: 4915-25-7 MW: 322.78 MOLFM: C8-H16-Cl-O5-P-S2
SYN: S-(4-CHLOROTETRAHYDRO-3-THIENYL) O,O-DIETHYL PHOSPHOROTHIOATE 1,1-DIOXIDE * ENT 27,331 * HOOKER HRS-1879 * HRS 1879 * NSC 190931
TOXICITY DATA AND REFERENCES:
orl-rat LD50:22 mg/kg ARSIM* 20,13,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOIC ACID, O-(4-CYANO-2-METHOXYPHENYL) O,O-DIMETHYL ESTER see: TF7130000

TE8750000 PHOSPHOROTHIOIC ACID, S-(((1-CYANO-1-METHYL-ETHYL)CARBAMOYL)METHYL) O,O-DIETHYL ESTER
UPDT:8309 CAS: 3734-95-0 MW: 294.34 MOLFM: C10-H19-N2-O4-P-S
SYN: alpha-CYANOISOPROPYLAMIDE of the O,O-DIETHYLTHIOPHOSPHORYL ACETIC ACID * S-(((1-CYANO-1-METHYL-ETHYL)CARBAMOYL)METHYL) O,O-DIETHYL PHOSPHOROTHIOATE * S-N-(1-CYANO-1-METHYLETHYL)CARBAMOYLMETHYL DIETHYL PHOSPHOROTHIOLATE * CYANTHOATE * O,O-DIAETHYL-S-1-METHYL)AETHYL)-CARBAMOYL-METHYL-MONOTHIOPHOSPHAT (German) * O,O-DIETHYL-S-((2-CYAAN-2-METHYL-ETHYL)-CARBAMOYL)-METHYL-MONOTHIOFOSFAAT (Dutch) * O,O-DIETHYL-S-N-(a-CYANOISOPROPYL)CARBOMOYLMETHYL PHOSPHOROTHIOATE * O,O-DIETIL-S-((2-CIAN-2-METIL-ETIL)-CARBAMOIL)-METIL-MONOTIOFOSFATO (Italian) * M 1568 * TARTAN * TH-427-1 * THIOPHOSPHATE DE S-N-(1-CYANO-1-METHYLETHYL)CARBAMOYLMETHYLE ET DE O,O-DIETHYLE (French)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3500 ug/kg FMCHA2 -,C229,83
skn-rat LD50:105 mg/kg BESAAT 15,111,69
orl-mus LD50:12 mg/kg BESAAT 15,111,69
orl-dog LD50:20 mg/kg BESAAT 15,111,69
orl-rbt LD50:8 mg/kg BESAAT 15,111,69
orl-gpg LD50:13 mg/kg 28ZEAL 5,63,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOIC ACID O-(4-CYANOPHENYL)O,O-DIMETHYL ESTER see: TF7600000

PHOSPHOROTHIOIC ACID, O-(4-CYANOPHENYL) O-ETHYL PHENYL ESTER see: TB1750000

TE9630000 PHOSPHOROTHIOIC ACID, CYCLIC O,O-(METHYLENE-4-NITRO-o-PHENYLENE) O-ISOPROPYL ESTER
UPDT:8306 MW: 289.26 MOLFM: C10-H12-N-O5-P-S
SYN: 2-ISOPROPOXY-6-NITRO-4H-1,3,2-BENZODIOXAPHOSPHORIN-2-SULFIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:130 mg/kg PSTDAN 15,3,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TE9632000 PHOSPHOROTHIOIC ACID, CYCLIC O,O-(METHYLENE-4-NITRO-o-PHENYLENE) O-METHYL ESTER
UPDT:8306 MW: 261.20 MOLFM: C8-H8-N-O5-P-S
SYN: 2-METHOXY-6-NITRO-4H-1,3,2-BENZODIOXAPHOSPHORIN-2-SULFIDE * S-NITROSALITHION
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:120 mg/kg PSTDAN 15,3,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOIC ACID, CYCLIC O,O-(METHYLENE-o-PHENYLENE) O-METHYL ESTER see: DF4375000

TE9770000 PHOSPHOROTHIOIC ACID, O,O-DIBUTYL S-((4-HYDROXY-3-METHYL-2,6-DIPHENYL-4-PIPERIDINYL)ETHYNYL) ESTER, (2-alpha,3-beta,4-alpha,6-alpha)-
UPDT:8402 CAS: 72973-03-6 MW: 515.70 MOLFM: C28-H38-N-O4-P-S
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:215 mg/kg DANKAS 259,474,81

TE9770100 PHOSPHOROTHIOIC ACID, O,O-DIBUTYL S-((4-HYDROXY-3-METHYL-2,6-DIPHENYL-4-PIPERIDINYL)ETHYNYL) ESTER, (2-alpha,3-beta,4-beta,6-alpha)-
UPDT:8402 CAS: 72973-06-9 MW: 515.70 MOLFM: C28-H38-N-O4-P-S
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:330 mg/kg DANKAS 259,474,81

TF0175000 PHOSPHOROTHIOIC ACID, O-(2,5-DICHLORO-4-IODOPHENYL) O,O-DIMETHYL ESTER
UPDT:8309 CAS: 18181-70-9 MW: 412.99 MOLFM: C8-H8-Cl2-I-O3-P-S
SYN: ALFACRON * C-9491 * CIBA C-9491 * CIBA 9491 * CIBA-GEIGY C-9491 * COMPOUND C-9491 * O-(2,5-DICHLORO-4-IODOPHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE * O,O-DIMETHYL-O-(2,5-DICHLOR-4-JODPHENYL)-MONOTHIOPHOSPHAT (German) * O,O-DIMETHYL-O-2,5-DICHLORO-4-IODOPHENYL THIOPHOSPHATE * ENT 27408 * IODOFENOPHOS * IODOFENPHOS * IODOPHOS * JODFENPHOS * NSC 190998 * NUVANOL N * OMS-1211 * PHENOL, 3,4-DICHLORO-, O-ESTER with O-METHYL METHYLPHOSPHORAMIDOTHIOATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2000 mg/kg GUCHAZ 5,197,68
skn-rat LD50:1800 mg/kg SPEADM 74-1,-,74
unk-rat LD50:2000 mg/kg 30ZDA9 -,335,71
orl-mus LD50:3 gm/kg 85DPAN -,-,71/76
orl-dog LD50:3 gm/kg 85DPAN -,-,71/76
orl-rbt LD50:2 gm/kg 85DPAN -,-,71/76
skn-rbt LD50:500 mg/kg 85DPAN -,-,71/76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOIC ACID, O-(2,5-DICHLORO-4-(METHYLTHIO)PHENYL) O,O-DIETHYL ESTER see: TF1590000

TF0350000 PHOSPHOROTHIOIC ACID, O-(2,4-DICHLOROPHENYL)-O,O-DIETHYL ESTER
UPDT:8403 CAS: 97-17-6 MW: 315.16 MOLFM: C10-H13-Cl2-O3-P-S
SYN: BROMEX * O,O-DIAETHYL-O-2,4-DICHLOR-PHENYL-MONOTHIOPHOSPHAT (German) * DICHLOFENTHION * DICHLOFENTION * DICHLOROFENTHION * O-2,4-DICHLOROPHENYL O,O-DIETHYL PHOSPHOROTHIOATE * 2,4-DICHLORO-PHENYL DIETHYL PHOSPHOROTHIONATE * O,O-DIETHYL-O-(2,4-DICHLOOR-FENYL)-MONOTHIOFOSFAAT (Dutch) * O,O-DIETHYL O-(2,4-DICHLOROPHENYL) PHOSPHOROTHIOATE * DIETHYL 2,4-DICHLOROPHENYL PHOSPHOROTHIONATE * O,O-DIETHYL O-2,4-DICHLOROPHENYL THIOPHOSPHATE * O,O-DIETIL-O-(2,4-DICLORO-FENIL)-MONOTIOFOSFATO (Italian) * ECP * ENT 17470 * HEXA-NEMA * MOBILAWN * NEMACIDE * NEMACIDE VC-13 * PHENOL, 2,4-DICHLORO-, O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE * THIOPHOSPHATE DE O-2,4-DICHLOROPHENYLE ET DE O,O-DIETHYLE (French) * TRI-VC 13 * V-C-13 * V-C 1-13 * VC13 NEMACIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:250 mg/kg WRPCA2 9,119,70
skn-rbt LD50:6000 mg/kg 31ZOAD 1,136,68
orl-ckn LD50:148 mg/kg TXAPA9 11,49,67
* orl-mam LD50:270 mg/kg FMCHA2 -,C160,83
orl-bwd LD50:14 mg/kg TXAPA9 21,315,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 46,1,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF0370000 PHOSPHOROTHIOIC ACID, O-(2,4-DICHLOROPHENYL) O-ETHYL S-PROPYL ESTER
UPDT:8402 CAS: 38527-91-2 MW: 329.19 MOLFM: C11-H15-Cl2-O3-P-S
SYN: ETAFOS * ETAPHOS * ETHAPHOS * PROTHIOFOS-OXON * TOKUTHION OXON
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:100 mg/kg TGANAK 16(1),45,82

TF0460000 PHOSPHOROTHIOIC ACID, O-(2,6-DICHLORO-p-TOLYL) O,O-DIMETHYL ESTER
UPDT:8309 MW: 301.13 MOLFM: C9-H11-Cl2-O3-P-S
SYN: O-(2,6-DICHLORO-p-TOLYL) O,O-DIMETHYL ESTER of PHOSPHOROTHIOIC ACID * O,O-DIMETHYL O-(2,6-DICHLORO-4-METHYLPHENYL)PHOSPHOROTHIOATE * RIZOLEX * S-3349 * TOLCLOFOS-METHYL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5000 mg/kg FMCHA2 -,C207,83

TF0470000 PHOSPHOROTHIOIC ACID, S-1,2-DICHLOROVINYL O,O-DIETHYL ESTER
UPDT:8309 CAS: 1885-91-2 MW: 265.10 MOLFM: C6-H11-Cl2-O3-P-S
SYN: CHEMAGRO 4638 * S-(1,2-DICHLOROETHENYL) O,O-DIETHYL PHOSPHOROTHIOATE * ENT 27,270
TOXICITY DATA AND REFERENCES:
orl-rat LD50:150 mg/kg ARSIM* 20,6,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF0475000 PHOSPHOROTHIOIC ACID, S-2,2-DICHLOROVINYL O,O-DIETHYL ESTER
UPDT:8309 CAS: 1885-95-6 MW: 265.10 MOLFM: C6-H11-Cl2-O3-P-S
SYN: CHEMAGRO 4642 * S-(2,2-DICHLOROETHENYL) O,O-DIETHYL PHOSPHOROTHIOATE * ENT 27,271
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1750 ug/kg ARSIM* 20,6,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF0525000 PHOSPHOROTHIOIC ACID, S-(2-(DIETHYLAMINO)ETHYL) O,O-DIETHYL ESTER
UPDT:8412 CAS: 78-53-5 MW: 269.38 MOLFM: C10-H24-N-O3-P-S
SYN: AMITON * CHIPMAN 6200 * CITRAM * S-(DIETHYLAMINOETHYL) O,O-DIETHYL PHOSPHOROTHIOATE * DIETHYL S-2-DIETHYLAMINOETHYL PHOSPHOROTHIOATE * (2-DIETHYLAMINO)ETHYLPHOSPHOROTHIOIC ACID O,O-DIETHYL ESTER * O,O-DIETHYL S-2-DIETHYLAMINOETHYL PHOSPHOROTHIOATE * O,O-DIETHYL S-DIETHYLAMINOETHYL PHOSPHOROTHIOLATE * O,O-DIETHYL S-2-DIETHYLAMINOETHYL PHOSPHOROTHIOLATE * O,O-DIETHYL S-(beta-DIETHYLAMINO)ETHYL PHOSPHOROTHIOLATE * O,O-DIETHYL S-(2-DIETHYLAMINOETHYL) THIOPHOSPHATE * DSDP * ENT 24,980-X * INFERNO * METRAMAC * METRAMAK * R-5,158 * RHODIA-6200 * TETRAM
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3300 ug/kg ARSIM* 20,7,66
ipr-mus LD50:500 ug/kg PAREAQ 11,636,59

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF1400000 PHOSPHOROTHIOIC ACID, S-(2-DIETHYLAMINO)ETHYL) 0,0-DIETHYL ESTER, OXALATE (1:1)
UPDT:8307 CAS: 3734-97-2 MW: 359.42 MOLFM: C10-H24-N-O3-P-S C2-H2-O4
SYN: AMITON OXALATE * CHIPMAN 6199 * CHIPMAN R-6,199 * CITRAM * S-(2-DIETHYLAMINOETHYL) O,O-DIETHYLPHOSPHOROTHIOATE HYDROGENOXALATE * O,O-DIETHYL-S-(2-DIETHYLAMINO)ETHYLPHOSPHOROTHIOATE HYDROGEN OXALATE * O,O-DIETHYL S-(beta-DIETHYLAMINO)ETHYL PHOSPHOROTHIOATE HYDROGEN OXALATE * O,O-DIETHYL S-(2-ETHYL-N,N-DIETHYLAMINO)PHOSPHOROTHIOATE HYDROGEN OXALATE * ENT 20,993 * HYDROGEN OXALATE of AMITON * TETRAM 75 * TETRAM, ACID OXALATE * TETRAM MONOOXALATE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:3 mg/kg	28ZEAL 4,162,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF1410000 PHOSPHOROTHIOIC ACID, O-(2-(DIETHYLAMINO)-6-METHYL-4-PYRIMIDINYL) 0,0-DIMETHYL ESTER
UPDT:8411 CAS: 29232-93-7 MW: 305.37 MOLFM: C11-H20-N3-O3-P-S
SYN: ACTELLIC * ACTELLIFOG * BLEX * 2-DIETHYLAMINO-6-METHYLPYRIMIDIN-4-YL DIMETHYL PHOSPHOROTHIONATE * O-(2-(DIETHYLAMINO)-6-METHYL-4-PYRIMIDINYL)O,O-DIMETHYL PHOSPHOROTHIOATE * O-(2-DIETHYLAMINO-6-METHYLPYRIMIDIN-4-YL) O,O-DIMETHYL PHOSPHOROTHIOATE * ENT 27699GC * METHYLPIRIMIPHOS * PIRIMIFOSMETHYL * PIRIMIPHOS-METHYL * PLANT PROTECTION PP511 * PP511 * PYRIDIMINE PHOSPHATE * PYRIMIPHOS METHYL * SILOSAN

MUTATION DATA AND REFERENCES:

	mmo-sat 5 uL/plate	MUREAV 28,405,75
	cyt-mus-unk 500 mg/kg	TGANAK 16(1),45,82

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2050 mg/kg	GUCHAZ 6,422,73
	orl-mus LD50:1180 mg/kg	28ZEAL 5,184,76
*	unk-mus LD50:1180 mg/kg	TGANAK 16(1),45,82
	orl-rbt LD50:1150 mg/kg	28ZEAL 5,184,76
	orl-gpg LD50:1000 mg/kg	28ZEAL 5,184,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 63,1,76

TF1590000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-((2,5-DICHLORO-4-METHYLTHIO)PHENYL) ESTER
UPDT:8309 CAS: 21923-23-9 MW: 361.25 MOLFM: C11-H15-Cl2-O3-P-S2
SYN: CELA MERCK S-2957 * CELA S-2957 * CELATHION * CHLORTHIOPHOS * CM S 2957 * O-(DICHLORO(METHYLTHIO)PHENYL) O,O-DIETHYL PHOSPHOROTHIOATE (3 isomers) * O,O-DIETHYL-O-2,4,5-DICHLORO-(METHYLTHIO)PHENYL THIONOPHOSPHATE * ENT 27635 * NSC 195164 * OMS 1342 * PHOSPHOROTHIOIC ACID, O-(2,5-DICHLORO-4-(METHYLTHIO)PHENYL O,O-DIETHYL ESTER * S 2957

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:7800 mg/kg	FMCHA2 -,C56,83
1Y23	skn-rat LD50:58 mg/kg	AHRTAN 27,3,76
1Y23	orl-mus LD50:141 mg/kg	AHRTAN 27,3,76
1Y23	orl-rbt LD50:20 mg/kg	AHRTAN 27,3,76
*	skn-rbt LD50:48 mg/kg	AHRTAN 27,3,76
1Y23	orl-gpg LD50:58 mg/kg	AHRTAN 27,3,76
2F19F15	orl-ckn LD50:45 mg/kg	AHRTAN 27,3,76
*	orl-qal LD50:45 mg/kg	AHRTAN 27,3,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF1610000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-(2-(DIETHYLAMINO)-6-METHYL-4-PYRIMIDINYL) ESTER
UPDT:8309 CAS: 23505-41-1 MW: 333.43 MOLFM: C13-H24-N3-O3-P-S
SYN: O-(2-(DIETHYLAMINO)-6 METHYL-4-PYRIMIDINYL)O,O-DIETHYL PHOSPHOROTHIOATE * 2-DIETHYLAMINO-6-METHYLPYRIMIDIN-4-YL DIETHYLPHOSPHOROTHIONATE * O,O-DIETHYL O-(2-DIETHYLAMINO-6-METHYL-4-PYRIMIDINYL)PHOSPHOROTHIOATE * FERNEX * PIRIMIFOSETHYL * PIRIMIPHOS-ETHYL * PP211 * PRIMICID * PRIMOTEC * PRINICID

MUTATION DATA AND REFERENCES:

	mmo-sat 5 uL/plate	MUREAV 28,405,75
	mmo-esc 5 uL/plate	MUREAV 28,405,75

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:140 mg/kg	GUCHAZ 6,421,73
	skn-rat LD50:1000 mg/kg	28ZEAL 5,184,76
	orl-mus LD50:105 mg/kg	28ZEAL 5,184,76
	orl-cat LD50:25 mg/kg	28ZEAL 5,184,76
	orl-gpg LD50:50 mg/kg	28ZEAL 5,184,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOIC ACID, 0,0-DIETHYL ESTER, 0-ESTER with 3-CHLORO-7-HYDROXY-4-METHYLCOUMARIN see: GN6300000

TF2000000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL ESTER, S-ESTER with DIHYDRO-3-MERCAPTO-2(3H)-FURANONE
UPDT:8309 CAS: 3874-64-4 MW: 254.26 MOLFM: C8-H15-O5-P-S
SYN: ALLIED CHEMICAL GC-10101 * O,O-DIETHYL S-((2-OXO-3-FURANYL)METHYL) PHOSPHOROTHIOATE * ENT 27,333 * GC 10101 * GENERAL CHEMICALS 10101 * NSC 190933 * PHOSPHOROTHIOIC ACID, O,O-DIETHYL S-((2-OXO-3-FURANYL)METHYL) ESTER * PHOSPHOROTHIOIC ACID, O,O-DIETHYL S-(TETRAHYDRO-2-OXO-3-FURANYL) ESTER

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:250 mg/kg	ARSIM* 20,11,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF2035000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL ESTER 0-ESTER with (6-ETHOXYCARBONYL-5-METHYL) PYRAZOLO(1,5-PYRIMIDIN-2-OL)
UPDT:8401 CAS: 13457-18-6 MW: 373.40 MOLFM: C14-H20-N3-O5-P-S
SYN: AFUGAN * CURAMIL * O,O-DIETHYL-O-(5-METHYL-6-ETHOXY-CARBONYL-PYRAZOLO(1,5-a)PYRIMID-2-YL)-THIONOPHOSPHATE * 2-(O,O-DIETHYL-THIONOPHOSPHORYL)-5-METHYL-6-CARBETHOXY-PYRAZOLO-(1,5a)PYRIMIDINE * ETHYL 2-((DIETHOXYPHOSPHINOTHIOYL)OXY-5-METHYLPYRAZOLO(1,5-a)PYRIMIDINE-6-CARBOXYLATE * HOE 2873 * PYRAZOPHOS * PYRAZOLO(1,5a)PYRIMIDINE, 2-(O,O-DIETHYL-THIONOPHOSPHORYL)-5-METHYL-6-ETHOXYCARBONYL-

MUTATION DATA AND REFERENCES:

	mrc-asn 600 ppm	ENMUDM 2,359,80

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 53,99,74

TF2050000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL ESTER, 0-ESTER with p-HYDROXYBENZENESULFONAMIDE
UPDT:8309 CAS: 1902-25-6 MW: 325.36 MOLFM: C10-H16-N-O5-P-S2
SYN: AC 26,095-2 * AMERICAN CL-26095-2 * AMERICAN CYANAMID CL-26,095-2 * O-(4-(AMINOSULFONYL)PHENYL) O,O-DIETHYL PHOSPHOROTHIOATE * CL 26095-2 * ENT 25,639 * PHOSPHOROTHIOIC ACID O-(4-(AMINOSULFONYL)PHENYL) O,O-DIETHYL ESTER

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:20 mg/kg	ARSIM* 20,1,66

TF2070000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL ESTER, 0-ESTER with 3-HYDROXYCUMARIN
UPDT:8309 CAS: 4935-28-8 MW: 314.31 MOLFM: C13-H15-O5-P-S
SYN: O,O-DIETHYL O-(2-OXO-2H-1-BENZOPYRAN-3-YL)PHOSPHOROTHIOATE * ENT 27,144 * MRC 441 * NIA-9227 * NIAGARA 9227 * PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(2-OXO-2H-1-BENZOPYRAN-3-YL) ESTER

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:13 mg/kg	ARSIM* 20,16,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOIC ACID, 0,0-DIETHYL ESTER, 0-ESTER with 7-HYDROXY-4-METHYLCOUMARIN see: GN7525000

TF2275000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL ESTER, 0-ESTER with 6-HYDROXY-2-PHENYL-3(2H)PYRIDAZINONE
UPDT:8309 CAS: 119-12-0 MW: 340.36 MOLFM: C14-H17-N2-O4-P-S
SYN: AMERICAN CYANAMID 12,503 * CL 12503 * O,O DIETHYL O-(2,3-DIHYDRO-3-OXO-2-PHENYL-6-PYRIDAZINYL)PHOSPHOROTHIOATE * O,O-DIETHYLPHOSPHOROTHIOATE, O-ESTER with 6-HYDROXY-2-PHENYL-3(2H)-PYRIDAZINONE * O-(1,6)-DIHYDRO-6-OXO-1-PHENYLPYRIDAZIN-3-LY), O,O-DIETHYL PHOSPHOROTHIOATE * ENT 23,968 * OFNACK * OFNAK * OFUNACK * PYRIDAFENTHION * PYRIDAPHENTHION * 3(2H)-PYRIDAZINONE, 6-HYDROXY-2-PHENYL-, O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:850 mg/kg	FMCHA2 -,C172,83
*	skn-rat LD50:2100 mg/kg	FMCHA2 -,C172,83
	orl-mus LD50:459 mg/kg	NEZAAQ 27,111,72
	ipr-mus LD50:64 mg/kg	28ZEAL 4,170,69

TF2500000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL ESTER S-ESTER with MERCAPTO-2-PROPANONE, DIETHYL MERCAPTOLE
UPDT:8309 CAS: 4186-17-8 MW: 332.51 MOLFM: C11-H25-O3-P-S3
SYN: B-9395 * S-(2,2-BIS(ETHYLTHIO)PROPYL) O,O-DIETHYL PHOSPHOROTHIOATE * ENT 27,152 * PHOSPHOROTHIOIC ACID, S-(2,2-BIS(ETHYLTHIO)PROPYL) O,O-DIETHYL ESTER * STAUFFER B-9395

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:15 mg/kg	ARSIM* 20,21,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOIC ACID, 0,0-DIETHYL ESTER, 0-NAPHTHALIMIDO derivative see: QK5950000

TF3150000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-(2-(ETHYLTHIO)ETHYL) ESTER, mixed with 0,0-DIETHYL S-(2-(ETHYLTHIO)ETHYL) ESTER (7:3)
UPDT:8408 CAS: 8065-48-3 MW: 516.72 MOLFM: C8-H19-O3-P-S2 C8-H19-O3-P-S2
SYN: BAY 10756 * BAYER 8169 * DEMETON * DEMETON-O * DEMETON-S * DEMOX * DIETHOXY THIOPHOSPHORIC ACID ESTER of 2-ETHYLMERCAPTOETHANOL * O,O-DIETHYL 2-ETHYLMERCAPTOETHYL THIOPHOSPHATE * O,O-DIETHYL O(and S)-2-(ETHYLTHIO)ETHYL PHOSPHOROTHIOATE MIXTURE * E 1059 * ENT 17,295 * MERCAPTOPHOS * SYSTEMOX * SYSTOX * ULV

MUTATION DATA AND REFERENCES:

	mmo-smc 500 ppm	NTIS** PB84-138973
	mma-smc 250 ppm	NTIS** PB84-138973
	mrc-smc 500 ppm	NTIS** PB84-138973
	sce-hmn:lym 10 mg/L	MUREAV 88,307,81
	msc-mus:lym 80 mg/L	NTIS** PB84-138973
	sce-ham:ovr 25 ppm	NTIS** PB84-138973
	sce-ham:lng 10 mg/L	MUREAV 88,307,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T46T50T34	ipr-mus TDLo:10 mg/kg (11D preg)	TXAPA9 24,324,73
1T46	par-mus TDLo:10 mg/kg (7D preg)	ANREAK 169,285,71
1T50	par-mus TDLo:7 mg/kg (11D preg)	ANREAK 169,285,71

TOXICITY DATA AND REFERENCES:

	orl-hmn LDLo:240 ug/kg	CMEP** -,1,56
	orl-rat LD50:1700 ug/kg	TXAPA9 21,315,72
*	ihl-rat LCLo:15 mg/m3/4H	85GMAT -,52,82
	skn-rat LD50:8200 ug/kg	TXAPA9 2,88,60
1Y01	ipr-rat LD50:3 mg/kg	AMIHBC 6,9,52
	ivn-rat LD50:1750 ug/kg	BLLIAX 38,151,58
	ims-rat LDLo:3 mg/kg	13ZGAF -,220,62
	orl-mus LD50:7850 ug/kg	BLLIAX 38,151,58
	ipr-mus LD50:4 mg/kg	PSEBAA 129,699,68
	ivn-mus LD50:3900 ug/kg	BLLIAX 38,151,58
	ims-dog LD50:3650 ug/kg	13ZGAF -,220,62
*	ihl-cat LCLo:15 mg/m3/4H	85GMAT -,52,82
	ims-cat LD50:3900 ug/kg	13ZGAF -,220,62
	skn-rbt LD50:24 mg/kg	SPEADM 74-1,-,74
	ipr-rbt LD50:3250 ug/kg	BLLIAX 38,151,58
	orl-pgn LD50:9 mg/kg	TXAPA9 20,57,71
	orl-qal LD50:9 mg/kg	TXAPA9 20,57,71
	orl-dck LD50:7190 ug/kg	TXAPA9 47,451,79
	orl-bwd LD50:7 mg/kg	TXAPA9 20,57,71
	skn-bwd LD50:1800 ug/kg	TXAPA9 26,154,73

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AQMOAC #73-19,1973; RREVAH 46,1,73; CNDQA8 10(3),43,75; DTTIAF 80(20),485,73

★ TLV-TWA 10 ppb; STEL 30 ppb (skin)	DTLVS* 4,119,80

STANDARDS & REGULATIONS:

★ EPA:FARM WORKER FIELD REENTRY	FEREAC 39,16888,74
★ OSHA STANDARD-air:TWA 100 ug/m3 (skin) (SCP-T)	FEREAC 39,23540,74

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 S280
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF3300000 PHOSPHORUTHIOIC ACID, 0,0-DIETHYL 0-(6-FLUORO-2-PYRIDYL) ESTER
UPDT:8310 CAS: 39624-86-7 MW: 265.26 MOLFM: C9-H13-F-N-O3-P-S
SYN: O,O-DIMETHYL S-9-THIABICYCLO(4.2.1)NONENYL PHOSPHORODITHIOATE (isomeric mixture) * O,O-DIETHYL O-(6-FLUORO-2-PYRIDYL ESTER PHOSPHOROTHIOIC) ACID * DOWCO 275

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:12 mg/kg	85ARAE 1,156,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF3305000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL S-((4-HYDROXY-3-METHYL-2,6-DIPHENYL-4-PIPERIDINYL)ETHENYL) ESTER, (2-alpha,3-beta,4-alpha,6-alpha)-
UPDT:8402 CAS: 72973-01-4 MW: 459.58 MOLFM: C24-H30-N-O4-P-S

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:160 mg/kg	DANKAS 259,474,81

TF3305100 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL S-((4-HYDROXY-3-METHYL-2,6-DIPHENYL-4-PIPERIDINYL)ETHYNYL) ESTER, (2-alpha,3-beta,4-beta,6-alpha)-
UPDT:8402 CAS: 72984-93-1 MW: 459.58 MOLFM: C24-H30-N-O4-P-S

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:330 mg/kg	DANKAS 259,474,81

TF3325000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-(2-ISOPROPYL-6-METHYL-4-PYRIMIDINYL) ESTER
UPDT:8412 CAS: 333-41-5 MW: 304.38 MOLFM: C12-H21-N2-O3-P-S

SYN: ALFA-TOX * BAZUDIN * BASUDIN 10 G * BAZUDEN * DAZZEL * O,O-DIAETHYL-O-(2-ISOPROPYL-4-METHYL-PYRIMIDIN-6-YL)-MONOTHIOPHOSPHAT (German) * DIANON * DIATERR-FOS * DIAZAJET * DIAZATOL * DIAZIDE * DIAZINON * DIAZINON (DOT) * DIAZINONE * DIAZITOL * DIAZOL * O,O-DIETHYL-O-(2-ISOPROPYL-4-METHYL-PYRIMIDIN-6-YL)-MONOTHIOFOSFAAT (Dutch) * O,O-DIETHYL-O-(2-ISOPROPYL-4-METHYL-6-PYRIMIDINYL)-PHOSPHOROTHIOATE * O,O-DIETHYL O-(2-ISOPROPYL-6-METHYL-4-PYRIMIDINYL) PHOSPHOROTHIOATE * O,O-DIETHYL-O-(2-ISOPROPYL-4-METHYL-6-PYRIMIDYL)PHOSPHOROTHIOATE * O,O-DIETHYL O-(2-ISOPROPYL-4-METHYL-6-PYRIMIDYL) THIONOPHOSPHATE * O,O DIETHYL 2-ISOPROPYL-4-METHYLPYRIMIDYL-6-THIOPHOSPHATE * DIETHYL 4-(2-ISOPROPYL-6-METHYLPYRIMIDINYL)PHOSPHOROTHIONATE * O,O-DIETIL-O-(2-ISOPROPIL-4-METIL-PIRIMIDIN-6-IL)-MONOTIOFOSFATO (Italian) * O,O-DIETHYL O-6-METHYL-2-ISOPROPYL-4-PYRIMIDINYL PHOSPHOROTHIOATE * DIPOFENE * DIZINON * DYZOL * ENT 19,507 * G 301 * G-24480 * GARDENTOX * GEIGY 24480 * O-2-ISOPROPYL-4-METHYLPYRIMIDYL-O,O-DIETHYL PHOSPHOROTHIOATE * ISOPROPYLMETHYLPYRIMIDYL DIETHYL THIOPHOSPHATE * KAYAZINON * KAYAZOL * NA 2783 (DOT) * NCI-C08673 * NEDCIDOL * NEOCIDOL * NIPSAN * NUCIDOL * PHOSPHOROTHIOATE, O,O-DIETHYL O-6-(2-ISOPROPYL-4-METHYLPYRIMIDYL) * 4-PYRIMIDINOL, 2-ISOPROPYL-6-METHYL-, O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE * SAROLEX * SPECTRACIDE * THIOPHOSPHATE DE O,O-DIETHYLE ET DE O-2-ISOPROPYL-4-METHYL-6-PYRIMIDYLE (French)

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg open MOD	CIGET* -,-,77
	eye-rbt 100 mg SEV	CIGET* -,-,77

MUTATION DATA AND REFERENCES:

	sce-ofs-mul 540 pmol/L	MUREAV 118,61,83
	oms-hmn:lym 500 ug/L	BIHAA2 38(Pt.1),344,71
	cyt-hmn:lym 500 ug/L	TSITAQ 18,1490,76
	otr-rat:emb 11 ug/plate	JJATDK 1,190,81
	cyt-ham:lng 100 mg/L/27H	MUREAV 66,277,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	orl-rat TDLo:26400 ug/kg (12-15D preg)	JFMAAQ 54,452,67
1T46	orl-rat TDLo:45 mg/kg (8-12D preg)	JFMAAQ 54,452,67
1T25	orl-rat TDLo:63500 ug/kg (10D preg)	JFMAAQ 54,452,67
1T53	ipr-rat TDLo:100 mg/kg (11D preg)	AEHLAU 16,805,68
3T19U01T34	ipr-rat TDLo:150 mg/kg (11D preg)	AEHLAU 16,805,68
3T31T25T26	ipr-rat TDLo:200 mg/kg (11D preg)	AEHLAU 16,805,68
3T26T85T91	orl-mus TDLo:3960 ug/kg (1-22D preg)	JTEHD6 3,989,77
1T52	orl-mus TDLo:189 mg/kg (1-21D preg)	JEPTDQ 2(2),357,78
1T83	orl-mus TDLo:3780 ug/kg (1-21D preg)	JEPTDQ 2(2),357,78
2T54T91	orl-mus TDLo:210 ug/kg (1-21D preg)	JEPTDQ 4(5-6),53,80
1T76	orl-mus TDLo:189 mg/kg (1-21D preg)	JEPTDQ 4(5-6),53,80
2T43T46	orl-pig TDLo:570 mg/kg (1-16W preg)	32OAAP 2,253,73

TOXICITY DATA AND REFERENCES:

3F17F18R20	orl-hmn TDLo:214 mg/kg	CTOXAO 12,435,78
*	orl-rat LD50:66 mg/kg	DOEAAH 35,25,79
*	ihl-rat LC50:3500 mg/m3/4H	FMCHA2 -,C75,83
	skn-rat LD50:455 mg/kg	TXAPA9 2,88,60
	ipr-rat LD50:65 mg/kg	ARZNAD 5,436,55
	orl-mus LD50:85 mg/kg	GUCHAZ 6,171,73
1Y01	skn-mus LD50:2750 mg/kg	JTEHD6 9,491,82
	ipr-mus LD50:65 mg/kg	PAREAQ 11,636,59
1Y23	scu-mus LD50:58 mg/kg	OIZAAV 71,6099,59
*	ivn-mus LD50:180 mg/kg	CSLNX* NX#00023
	orl-rbt LDLo:30 mg/kg	TXAPA9 15,152,69
	skn-rbt LD50:400 mg/kg	CIGET* -,-,77
	orl-gpg LD50:250 mg/kg	85DPAN -,-,71/76
	orl-ckn LD50:8400 ug/kg	85DPAN -,-,71/76
*	orl-dck LD50:3500 ug/kg	DOEAAH 35,27,79
	unk-mam LD50:76 mg/kg	30ZDA9 -,338,71
	orl-bwd LD50:2 mg/kg	TXAPA9 21,315,72

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AQMOAC #73-19,1973; RREVAH 46,1,73; CNDQA8 10(3),43,75; DTTIAF 80(20),485,73; RREVAH 63,1,76

★ TLV-TWA 100 ug/m3; STEL 300 ug/m3 (skin) DTLVS* 4,121,80

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE, RAT (NCITR* NCI-CG-TR-137,79)

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF3550000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL S-((2-METHYL-1,3-DITHIOLAN-2-YL)METHYL)ESTER

UPDT:8310 CAS: 1081-95-4 MW: 302.43 MOLFM: C9-H19-O3-P-S3

SYN: B-10423 * O,O-DIETHYL S-((2-METHYL-1,3-DITHIOLAN-2-YL)METHYL) PHOSPHOROTHIOATE * ENT 27,294 * STAUFFER B-10423

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:28 mg/kg	ARSIM* 20,21,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-(3-METHYL-4-(METHYLTHIO)PHENYL) ESTER see: TF4100000

PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-(4-METHYL-2-OXO-2H-1-BENZOPYRAN-7-YL) ESTER (9CI) see: GN7525000

PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-(3-METHYL-1H-PYRAZOL-5-YL) ESTER see: TF3675000

TF3675000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL-0-(5-METHYL-3-PYRAZOLYL) ESTER

UPDT:8309 CAS: 108-35-0 MW: 250.28 MOLFM: C8-H15-N2-O3-P-S

SYN: ENT 25,557-X * G-24027 * GEIGY G-24027 * O,O-DIETHYL O-(3-METHYL-5-PYRAZOLYL) PHOSPHOROTHIONATE * DIETHYL 3-METHYL-5-PYRAZOLYL THIONOPHOSPHATE * METHYLPYRAZOLYL DIETHYLTHIOPHOSPHATE * PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(3-METHYL-1H-PYRAZOL-5-YL) ESTER * PYRAZOTHION

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:12 mg/kg	WRPCA2 9,119,70
*	orl-mus LD50:12 mg/kg	ARSIM* 20,17,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF3750000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-(2-METHYL-4-QUINOLYL) ESTER

UPDT:8309 CAS: 22439-40-3 MW: 311.36 MOLFM: C14-H18-N-O3-P-S

SYN: COOPER 40H62 * O,O-DIETHYL O-(2-METHYL-4-QUINOLINYL) PHOSPHOROTHIOATE * ENT 27,377 * 40H62 * NSC 190970 * WILLIAM COOPER 40H62

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:50 mg/kg	ARSIM* 20,7,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF3850000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-(p-(METHYLSULFINYL)PHENYL) ESTER

UPDT:8403 CAS: 115-90-2 MW: 308.37 MOLFM: C11-H17-O4-P-S2

SYN: BAY 25141 * BAYER 25141 * BAYER 5767 * CHEMAGRO 25141 * DASANIT * O,O-DIAETHYL-O-4-METHYLSULFINYL-PHENYL-MONOTHIOPHOSPHAT (German) * O,O-DIETHYL O-(p-(METHYLSULFINYL)PHENYL) PHOSPHOROTHIOATE * O,O-DIETHYL O-p-(METHYLSULFINYL)PHENYL THIOPHOSPHATE * DMSP * ENT 24,945 * FENSULFOTHION * PHENOL, p-(METHYLSULFINYL)-, O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE * S 767 * TERRACUR P

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2 mg/kg	FMCHA2 -,C70,83
	skn-rat LD50:3 mg/kg	WRPCA2 9,119,70
	ipr-rat LDLo:1500 ug/kg	TXAPA9 6,78,64
	unk-rat LD50:11 mg/kg	30ZDA9 -,337,71
	ipr-mus LDLo:7 mg/kg	TXAPA9 6,78,64
	orl-gpg LDLo:9 mg/kg	TXAPA9 6,78,64
	ipr-gpg LDLo:5400 ug/kg	TXAPA9 6,78,64
	orl-ckn LD50:991 ug/kg	TXAPA9 3,521,61
	orl-dck LD50:747 ug/kg	TXAPA9 22,556,72
	skn-dck LD50:3 mg/kg	TXAPA9 47,451,79
	orl-bwd LD50:240 ug/kg	TXAPA9 21,315,72
	skn-bwd LD50:420 ug/kg	TXAPA9 26,154,73

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RREVAH 63,1,76

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF4100000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-(4-(METHYLTHIO)-m-TOLYL) ESTER

UPDT:8309 CAS: 1716-09-2 MW: 306.40 MOLFM: C12-H19-O3-P-S2

SYN: BAY 29492 * BAYER 29492 * ENT 25,636 * LUCIJET * OM-1455 * O,O-DIETHYL O-(3-METHYL-4-(METHYLTHIO)PHENYL)PHOSPHOROTHIOATE * PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(3-METHYL-4-(METHYLTHIO)PHENYL) ESTER

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:25 mg/kg	ARSIM* 20,3,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF4200000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-(4-(METHYLTHIO)-3,5-XYLYL) ESTER

UPDT:8309 CAS: 52-60-8 MW: 320.43 MOLFM: C13-H21-O3-P-S2

SYN: BAY 9017 * BAY 34371 * BAYER 37341 * O,O-DIETHYL O-(4-(METHYLTHIO)-3,5-XYLYL)PHOSPHOROTHIOATE * O-(3,5-DIMETHYL-4-(METHYLTHIO)PHENYL) O,O-DIETHYL PHOSPHOROTHIOATE * ENT 25673 * PHOSPHOROTHIOIC ACID, O-(3,5-DIMETHYL-4-(METHYLTHIO)PHENYL O,O-DIETHYL ESTER * 3,5-XYLENOL, 4-(METHYLTHIO)-, O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:375 mg/kg	TXAPA9 21,315,72
	ipr-mus LDLo:500 mg/kg	CBCCT* 5,337,53
	orl-ckn LD50:18 mg/kg	TXAPA9 11,49,67
	orl-bwd LD50:4 mg/kg	TXAPA9 21,315,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-NAPHTHYLAMIDO ESTER see: QK5950000

TF4550000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-(p-NITROPHENYL) ESTER

UPDT:8412 CAS: 56-38-2 MW: 291.28 MOLFM: C10-H14-N-O5-P-S

SYN: AAT * AATP * AC 3422 * ACC 3422 * ALKRON * ALLERON * AMERICAN CYANAMID 3422 * APHAMITE * ARALO * B 404 * BAY E-605 * BAYER E-605 * BLADAN * BLADAN F * COMPOUND 3422 * COROTHION * CORTHION * CORTHIONE * DANTHION * O,O-DIAETHYL-O-(4-NITRO-PHENYL)-MONOTHIOPHOSPHAT (German) * O,O-DIETHYL-O-(4-NITRO-FENIL)-MONOTHIOFOSFAAT (Dutch) * O,O-DIETHYL-O-p-NITROFENYLESTER KYSELINY THIOFOSFORECNE (Czech) * DIETHYL para-NITROPHENOL THIOPHOSPHATE * 0,0-DIETHYL 0-(p-NITROPHENYL) PHOSPHOROTHIOATE * O,O-DIETHYL-O-(4-NITROPHENYL) PHOSPHOROTHIOATE * DIETHYL 4-NITROPHENYL PHOSPHOROTHIONATE * DIETHYL p-NITROPHENYL THIOPHOSPHATE * 0,0-DIETHYL 0-p-NITROPHENYL THIOPHOSPHATE * DIETHYL P-NITROPHENYL THIONOPHOSPHATE * O,O-DIETHYL-O-(p-NITROPHENYL)THIONOPHOSPHATE * O,O-DIETHYL O-4-NITROPHENYL THIOPHOSPHATE * DIETHYLPARATHION * O,O-DIETIL-O-(4-NITRO-FENIL)-MONOTIOFOSFATO (Italian) * DIETIL TIOFOSFATO de p-NITROFENILA (Portuguese) * O,O-DIETYL-O-p-NITROFENYLTIOFOSFAT (Czech) * DNTP * DPP * DREXEL PARATHION 8E * E 605 * ECATOX * EKATIN WF & WF ULV * EKATOX * ENT 15,108 * ETHLON * ETHYL PARATHION * ETILON * ETYLPARATION (Czech) * FOLIDOL * FOLIDOL E605 * FOLIDOL E & E 605 * FOSFERMO * FOSFERNO * FOSFEX * FOSFIVE * FOSOVA * FOSTERN * FOSTOX * GEARPHOS * GENITHION * KOLPHOS * KYPTHION * LETHALAIRE G-54 * LIROTHION * MURFOS * NA 2783 (DOT) * NCI-C00226 * NIRAN * NIRAN E-4 * NITROSTIGMINE * NITROSTYGMINE * NIUIF-100 * NOURITHION * OLEOFOS 20 * OLEOPARAPHENE * OLEOPARATHION * ORTHOPHOS * PAC * PANTHION * PARADUST * PARAMAR * PARAMAR 50 * PARAPHOS * PARATHENE * PARATHION * PARATHION-ETHYL * PARATHION, LIQUID (DOT) * PARAWET * PESTOX PLUS * PETHION * PHENOL, p-NITRO-, 0-ESTER with 0,0-DIETHYL PHOSPHOROTHIOATE * PHOSKIL * PHOSPHEMOL * PHOSPHENOL * PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(4-NITROPHENYL) ESTER * PHOSPHOSTIGMINE * RB * RCRA WASTE NUMBER P089 * RHODIASOL * RHODIATOX * RHODIATROX * SELEPHOS * SIXTY-THREE SPECIAL E.C. INSECTICIDE * SNP * SOPRATHION * STABILIZED ETHYL PARATHION * STATHION * STRATHION * SULPHOS * SUPER RODIATOX * T-47 * TIOFOS * THIOPHOS * THIOPHOS 3422 * THIOPHOSPHATE DE O,O-DIETHYLE ET DE O-(4-NITROPHENYLE) (French) * TOX 47 * VAPOPHOS * VITREX

MUTATION DATA AND REFERENCES:

	dns-hmn:fbr 10 umol/L	NTIS** PB268-647
	dnd-rat-orl 10 mg/kg/28D-I	MUREAV 53,175,78
	dnd-rat-ipr 3 ug/kg	MUREAV 53,175,78
	dnd-mus-orl 20 mg/kg/28D-I	MUREAV 53,175,78
	dnd-mus-ipr 3 ug/kg	MUREAV 53,175,78
	sce-ham:ovr 300 umol/L	JTEHD6 8,939,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T83T87	orl-rat TDLo:360 ug/kg (2-22D preg/15D post)	TOLED5 3,11,79
1T13	orl-rat TDLo:2304 ug/kg (16D pre)	TOERD9 3,279,81
1T34	ipr-rat TDLo:3 mg/kg (11D preg)	AEHLAU 16,805,68
3T31T19U01	ipr-rat TDLo:3 mg/kg (11D preg)	AEHLAU 16,805,68
1T26	ipr-rat TDLo:3500 ug/kg (11D preg)	AEHLAU 16,805,68
2T71T75	ipr-rat TDLo:980 ug/kg (9D preg)	AJOGAH 96,1148,66
1T81	scu-rat TDLo:6 mg/kg (13-16D preg)	PWPSA8 16,141,73
1T35	scu-rat TDLo:9800 ug/kg (7-13D preg)	OYYAA2 6,667,72

TUMORIGENIC DATA AND REFERENCES:

2V03N61	orl-rat TDLo:1260 mg/kg/80W-C	NCITR* NCI-CG-TR-70,78

TOXICITY DATA AND REFERENCES:

	orl-hmn LDLo:240 ug/kg	CMEP** -,1,56
3F01J30M30	orl-wmn TDLo:5670 ug/kg	ANYAA9 160,383,69
	unk-man LDLo:1471 ug/kg	85DCAI 2,73,70
	orl-rat LD50:2 mg/kg	TXAPA9 11,546,67
3F11F12J22	ihl-rat LC50:84 mg/m3/4H	NTIS** AD-A041-973
	skn-rat LD50:6800 ug/kg	TXAPA9 2,88,60
	ipr-rat LD50:1500 ug/kg	PSEBAA 114,509,63
1Y02	ivn-rat LD50:3800 ug/kg	CJBPAZ 34,197,56
	ims-rat LD50:6 mg/kg	JCINAO 37,350,58
1Y01	orl-mus LD50:6 mg/kg	AMIHAB 11,487,55
*	ihl-mus LCLo:15 mg/m3	85GMAT -,53,82
1Y01	skn-mus LD50:32400 ug/kg	ABCHA6 25,605,61
	ipr-mus LD50:5600 ug/kg	IJBBBQ 15,336,78
	ipr-rat LD50:3550 ug/kg	BLLIAX 38,151,58
1Y01	scu-mus LD50:11500 ug/kg	ABCHA6 25,605,61
*	ivn-mus LD50:13 mg/kg	TXAPA9 22,684,72
	ims-mus LD50:7200 ug/kg	AEPPAE 237,211,59
	orl-dog LD50:3 mg/kg	SPEADM 78-1,33,78
	ivn-dog LD50:12 mg/kg	JAMAAP 144,104,50
*	orl-cat LD50:930 ug/kg	ABCHA6 25,605,61
	ivn-cat LD50:3 mg/kg	JAMAAP 144,104,50
	orl-rbt LD50:10 mg/kg	SPEADM 78-1,33,78
	ihl-rbt LCLo:50 mg/m3/2H	AMIHBC 5,44,52

•	skn-rbt LD50:15 mg/kg	AMCYC* 8/66
	orl-gpg LD50:8 mg/kg	ARZNAD 5,626,55
	ihl-gpg LCLo:14 mg/m3/2H	AMIHBC 5,44,52
•	skn-gpg LD50:45 mg/kg	AMCYC* 8/66
	ipr-gpg LD50:12 mg/kg	ARZNAD 5,626,55
	orl-pgn LD50:3 mg/kg	TXAPA9 20,57,71
	orl-qal LD50:6 mg/kg	TXAPA9 20,57,71
•	orl-dck LD50:2100 ug/kg	DOEAAH 35,27,79
	skn-dck LD50:28 mg/kg	TXAPA9 47,451,79
	orl-hor LD50:5 mg/kg	85DPAN -,-,71/76
3C08F05J30	par-nml LD50:967 mg/kg	AIPTAK 124,212,60
	unk-mam LD50:6 mg/kg	30ZDA9 -,323,71
	orl-bwd LD50:2 mg/kg	TXAPA9 21,315,72
	skn-bwd LD50:1800 ug/kg	TXAPA9 26,154,73

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ANAEA3 35,165,75; AQMOAC #73-19,1973; RREVAH 46,1,73; MZUZA8 (8),90,73; CNDQA8 10(3),43,75; ECMAAI 14(3),141,73; DTTIAF 80(20),485,73; RREVAH 63,1,76

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE — IARC** 30,153,83

★ TLV-TWA 100 ug/m3; STEL 300 ug/m3 (skin) — DTLVS* 4,320,80

STANDARDS & REGULATIONS:

★ EPA:FARM WORKER FIELD REENTRY	FEREAC 39,16888,74
★ OSHA STANDARD-air:TWA 100 ug/m3 (skin) (SCP-T)	FEREAC 43,57601,78
★ DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO PARATHION recm std-air:TWA 0.05 mg/m3	NTIS**

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:RAT (NCITR* NCI-CG-TR-70,79)

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-70,79)

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5012

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-(4-NITROPHENYL) ESTER see: TF4550000

TF4900000 PHOSPHOROTHIOIC ACID, 0,S-DIETHYL-0-(p-NITROPHENYL) ESTER

UPDT:8407 CAS: 597-88-6 MW: 291.28 MOLFM: C10-H14-N-O5-P-S

SYN: O,S-DIETHYL O-(p-NITROPHENYL) PHOSPHOROTHIOATE * O,S-DIETHYL O-(4-NITROPHENYL)PHOSPHOROTHIOATE * O,S-DIETHYL O-(4-NITROPHENYL)THIOPHOSPHATE * S-ETHYL PARATHION * ISOPARATHION * PHOSPHOROTHIOIC ACID, O,S-DIETHYL O-(4-NITROPHENYL) ESTER (9CI)

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:18 mg/kg	28ZPAK -,209,72
	skn-rat LD50:75 mg/kg	TXAPA9 2,523,60
1Y01	ipr-rat LD50:5500 ug/kg	AMIHBC 6,9,52
3M10F23F12	ims-rat LD50:10 mg/kg	AIHAAP 19,190,58
	orl-mus LD50:25 mg/kg	JPETAB 105,156,52
1C08	ipr-mus LD50:50 ug/kg	PHARAT 35,808,80
	scu-mus LD50:20 mg/kg	PAREAQ 11,636,59
	orl-gpg LD50:32 mg/kg	JPETAB 105,156,52

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOIC ACID, 0,S-DIETHYL 0-(4-NITROPHENYL) ESTER (9CI) see: TF4900000

TF4920000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-(p-NITROPHENYL) ESTER (mixture)

UPDT:8412 CAS: 56-38-2 MW: 291.28 MOLFM: C10-H14-N-O5-P-S

SYN: NA 2783 (DOT) * PARATHION MIXTURE, DRY (DOT) * PARATHION MIXTURE, LIQUID (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:POISON B; LABEL:POISON, dry	CFRGBR 49,172.101,82
★ DOT-HAZARD:POISON B; LABEL:POISON, liquid	CFRGBR 49,172.101,82

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TF5075000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-(p-NITROPHENYL)ESTER, mixed with compressed Gas

UPDT:8308

SYN: NA 1967 (DOT) * PARATHION and Compressed Gas MIXTURES * PARATHION and compressed gas mixture (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:POISON A; LABEL: POISON GAS — CFRGBR 49,172.101,82

PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-(2-OXO-2H-1-BENZOPYRAN-3-YL) ESTER see: TF2070000

PHOSPHOROTHIOIC ACID, 0,0-DIETHYL S-((2-OXO-3-FURANYL)METHYL) ESTER see: TF2000000

TF5600000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-(5-PHENYL-3-ISOXAZOLYL) ESTER

UPDT:8309 CAS: 18854-01-8 MW: 313.33 MOLFM: C13-H16-N-O4-P-S

SYN: O,O-DIETHYL O-(5-PHENYL-3-ISOXAZOLYL) PHOSPHOROTHIOATE * O,O-DIETHYL O-(3-(5-PHENYL)-1,2-ISOXAZOLYL)PHOSPHOROTHIONATE * E-48 * ISOXATHION * KARPHOS * SI-6711

TOXICITY DATA AND REFERENCES:

orl-rat LD50:112 mg/kg	BESAAT 15,121,69
skn-rat LD50:450 mg/kg	BESAAT 15,121,69
orl-mus LD50:98 mg/kg	GUCHAZ 6,309,73
skn-mus LD50:193 mg/kg	BESAAT 15,121,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF5635000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-(1-PHENYL-1,2,4-TRIAZOLYL) ESTER

UPDT:8402 CAS: 24017-47-8 MW: 313.34 MOLFM: C12-H16-N3-O3-P-S

SYN: O,O-DIETHYL O-(1-PHENYL-1H-1,2,4-TRIAZOL-3-YL)PHOSPHOROTHIOATE * HOE 2960 * HOE 2960 OJ * HOSTATHION * 1-PHENYL-3-(O,O-DIETHYL-THIONOPHOSPHORYL)-1,2,4-TRIAZOLE * 1-PHENYL-1,2,4-TRIAZOLYL-3-(O,O-DIETHYLTHIONOPHOSPHATE) * TRIAZOFOSZ (Hungarian) * TRIAZOPHOS

TOXICITY DATA AND REFERENCES:

•	orl-rat LD50:64 mg/kg	FMCHA2 -,C128,83
3F11F23J22	ihl-rat LC50:280 mg/m3/4H	EGESAQ 24,173,80
	skn-rat LD50:1100 mg/kg	GUCHAZ 6,508,73
	ipr-rat LD50:107 mg/kg	GUCHAZ 6,508,73
	orl-dog LD50:320 mg/kg	28ZEAL 5,227,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF5650000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-(2-PROPYL-4-METHYL-6-PYRIMIDYL) ESTER

UPDT:8406 CAS: 5826-91-5 MW: 304.38 MOLFM: C12-H21-N2-O3-P-S

SYN: O,O-DIETHYL-O-(2-PROPYL-4-METHYLPYRIMIDINYL-6) PHOSPHOROTHIOATE * O,O-DIETHYL-O-(2-n-PROPYL-4-METHYL-PYRIMIDYL-6)PHOSPHOROTHIOATE * DIETHYL PROPYLMETHYLPYRIMIDYL THIOPHOSPHATE * G-24622 * PIRAZINON * RCRA WASTE NUMBER P040

TOXICITY DATA AND REFERENCES:

orl-rat LD50:261 mg/kg	PCOC** -,913,66
orl-mus LD50:50 mg/kg	PCOC** -,913,66
skn-rbt LD50:3500 mg/kg	27ZTAP 3,53,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF5775000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-PYRAZINYL ESTER

UPDT:8406 CAS: 297-97-2 MW: 248.26 MOLFM: C8-H13-N2-O3-P-S

SYN: AC 18133 * AMERICAN CYANAMID 18133 * CL 18133 * CYNEM * O,O-DIAETHYL-O-(PYRAZIN-2YL)-MONOTHIOPHOSPHAT (German) * O,O-DIETHYL O,2-PYRAZINYL PHOSPHOROTHIOATE * DIETHYL O-2-PYRAZINYL PHOSPHOROTHIONATE * O,O-DIETHYL O-2-PYRAZINYL PHOSPHOTHIONATE * O,O-DIETHYL O-PYRAZINYL THIOPHOSPHATE * EN 18133 * ENT 25,580 * ETHYL PYRAZINYL PHOSPHOROTHIOATE * EXPERIMENTAL NEMATOCIDE 18,133 * NEMAFOS * NEMAPHOS * NEMATOCIDE * PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-2-PYRAZINYL ESTER * PYRAZINOL, O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE * RCRA WASTE NUMBER P040 * THIONAZIN * ZINOPHOS

TOXICITY DATA AND REFERENCES:

orl-rat LD50:3500 ug/kg	TXAPA9 14,515,69
skn-rat LD50:8 mg/kg	SPEADM 74-1,-,74
skn-gpg LD50:10 mg/kg	GUCHAZ 6,498,73
orl-dck LD50:1680 ug/kg	TXAPA9 47,451,79
skn-dck LD50:7 mg/kg	TXAPA9 47,451,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-2-PYRAZINYL ESTER see: TF5775000

TF6125000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-(2-QUINOXALINYL) ESTER

UPDT:8402 CAS: 13593-03-8 MW: 298.32 MOLFM: C12-H15-N2-O3-P-S

SYN: BAY 5821 * BAY 77049 * BAYRUSIL * CHINALPHOS * O,O-DIAETHYL-O-(CHINOXALYL-(2))-MONOTHIOPHOSPHAT (German) * DIETHQUINALPHION * DIETHQUINALPHIONE * O,O-DIETHYL O-(2-CHINOXALYL)-PHOSPHOROTHIOATE * O,O-DIETHYL O-QUINOXALIN-2-YL PHOSPHOROTHIOATE * O,O-DIETHYL-O-(2-QUINOXALINYL) PHOSPHOROTHIOATE * O,O-DIETHYL-O-(2-QUINOXALYL) PHOSPHOROTHIOATE * O,O-DIETHYL-O-2-QUINOXALYL-THIOPHOSPHATE * EKALUX * ENT 27394 * NSC 190986 * QUINALPHOS * S-6538 * SAN 6538 I * SAN 6626 I * SANDOZ 6538 * SPENCER S-6538 * SRA 7312 * WIE OBEN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T12	orl-gpg TDLo:30 mg/kg (15D preg)	BECTA6 24,739,80
1T02	ipr-grb TDLo:15 mg/kg (1D male)	TXCYAC 9,255,78

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:26 mg/kg	ARSIM* 20,21,66
	ihl-rat LC50:175 mg/m3	85DPAN -,-,71/76
	skn-rat LD50:300 mg/kg	BESAAT 15,124,69
3F12J04K12	ipr-grb LD50:11910 ug/kg	JAMPA2 28,234,81

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOIC ACID, 0,0-DIETHYL S-(TETRAHYDRO-2-OXO-3-FURANYL) ESTER see: TF2000000

TF6250000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL S-1,2,2-TRICHLOROETHYL ESTER

UPDT:8309 CAS: 1885-98-9 MW: 301.56 MOLFM: C6-H12-Cl3-O3-P-S

SYN: CHEMAGRO 4672 * O,O-DIETHYL S-(1,2,2-TRICHLOROETHYL) PHOSPHOROTHIOATE * ENT 27,283

TOXICITY DATA AND REFERENCES:

orl-rat LD50:2500 ug/kg — ARSIM* 20,6,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF6300000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL 0-(3,5,6-TRICHLORO-2-PYRIDYL) ESTER

UPDT:8412 CAS: 2921-88-2 MW: 350.59 MOLFM: C9-H11-Cl3-N-O3-P-S

SYN: BRODAN * CHLORPYRIFOS * CHLORPYRIFOS (DOT) * CHLORPYRIFOS-ETHYL * DETMOL U.A. * O,O-DIETHYL O-3,5,6-TRICHLORO-2-PYRIDYL PHOSPHOROTHIOATE * O,O-DIAETHYL-O-3,5,6-TRICHLOR-2-PYRIDYLMONOTHIOPHOSPHAT (German) * DOWCO 179 * DURSBAN * DURSBAN F * ENT 27311 * ERADEX * LORSBAN * NA 2783 (DOT) * OMS-0971 * 2-PYRIDINOL, 3,5,6-TRICHLORO-, O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE * PYRINEX

MUTATION DATA AND REFERENCES:

cyt-dmg-orl 50 ppb/3D — ENMUDM 5,835,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T41T46	orl-mus TDLo:10 mg/kg (6-15D preg)	TXAPA9 54,31,80
1T34	orl-mus TDLo:250 mg/kg (6-15D preg)	TXAPA9 54,31,80

TOXICITY DATA AND REFERENCES:

•	orl-rat LD50:97 mg/kg	FMCHA2 -,C55,83
	ihl-rat LD50:78 mg/kg	BECTA6 19,113,78
	skn-rat LD50:202 mg/kg	TXAPA9 14,515,69
	unk-rat LD50:150 mg/kg	30ZDA9 -,339,71
•	orl-mus LD50:60 mg/kg	JPFCD2 13,11,78
	ihl-mus LD50:94 mg/kg	BECTA6 19,113,78
•	ipr-mus LD50:192 mg/kg	TXAPA9 65,144,82
	orl-rbt LD50:1000 mg/kg	SPEADM 78-1,45,78
	skn-rbt LD50:2000 mg/kg	GUCHAZ 6,203,73
•	orl-gpg LD50:504 mg/kg	FMCHA2 -,C55,83
	scu-gpg LDLo:100 mg/kg	JEENAI 60,733,67
	orl-pgn LD50:27 mg/kg	TXAPA9 20,57,71
	orl-ckn LD50:25 mg/kg	TXAPA9 11,49,67
	orl-qal LD50:16 mg/kg	TXAPA9 20,57,71
	orl-dck LD50:76 mg/kg	TXAPA9 20,57,71
	orl-bwd LD50:8 mg/kg	TXAPA9 20,57,71

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RREVAH 50,1,74; RREVAH 46,1,73; RREVAH 63,1,76

★ TLV-TWA 200 ug/m3; STEL 600 ug/m3 (skin) — DTLVS* 4,97,80

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORM-A; LABEL:NONE — CFRGBR 49,172.101,82

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF6350000 PHOSPHOROTHIOIC ACID, 0,0-DIETHYL S-(3,4,4-TRIFLUORO-3-BUTENYL) ESTER

UPDT:8309 CAS: 16499-75-5 MW: 278.25 MOLFM: C8-H14-F3-O3-P-S

SYN: O,O-DIETHYL S-(3,4,4-TRIFLUORO-3-BUTENYL) PHOSPHOROTHIOATE * ENT 27,371 * NSC 190966 * R 11898 * STAUFFER R-11898

TOXICITY DATA AND REFERENCES:

orl-rat LD50:68 mg/kg — ARSIM* 20,24,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF6500000 PHOSPHOROTHIOIC ACID, S-((1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)METHYL) 0,0-DIMETHYL ESTER

UPDT:8309 CAS: 3735-33-9 MW: 301.27 MOLFM: C11-H12-N-O5-P-S

SYN: S-((1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)METHYL) O,O-DIMETHYL PHOSPHOROTHIOATE * ENT 25,707 * R 1571 * STAUFFER R-1571 * STAUFFER R-1571-A

TOXICITY DATA AND REFERENCES:

orl-rat LD50:50 mg/kg	ARSIM* 20,23,66
orl-ckn LD50:46 mg/kg	TXAPA9 6,147,64

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF6572000 PHOSPHOROTHIOIC ACID, 0,0-DIISOPROPYL ESTER

UPDT:8305 MW: 198.24 MOLFM: C6-H15-O3-P-S

SYN: DB-IBP * DESBENZYL IBP * O,O-DIISOPROPYLTHIOLPHOSPHORIC ACID

TOXICITY DATA AND REFERENCES:

3F07J26K12 orl-rat LDLo:1000 mg/kg — TOIZAG 27,206,80

TF6600000 PHOSPHOROTHIOIC ACID, 0,0-DIISOPROPYL 0-(p-(METHYLSULFINYL)PHENYL) ESTER

UPDT:8309 CAS: 74-60-2 MW: 336.43 MOLFM: C13-H21-O4-P-S2

SYN: BAYER 25142 * O,O-BIS(1-METHYLETHYL) O-(4-(METHYLSULFINYL)PHENYL) PHOSPHOROTHIOATE * ENT 25,507 * S-770

TOXICITY DATA AND REFERENCES:

orl-rat LDLo:25 mg/kg	ARSIM* 20,3,66
orl-ckn LD50:32600 ug/kg	TXAPA9 6,147,64

PHOSPHOROTHIOIC ACID O-(4-((DIMETHYLAMINO)SULFONYL)PHENYL) O,O-DIMETHYL ESTER see: TF7650000 PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER, O-ESTER with p-HYDROXY-N,N-DIMETHYLBENZENE- SULFONAMIDE

PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(4-CYANO-2-METHOXYPHENYL) ESTER see: TF7180000

TF6890000 PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER, O,O-DIESTER with 4,4'-THIODIPHENOL

UPDT:8408 CAS: 3383-96-8 MW: 466.48 MOLFM: C16-H20-O6-P2-S3

SYN: ABAT * ABATE * ABATHION * AC 52160 * AMERICAN CYANAMID AC 52,160 * AMERICAN CYANAMID CL-52160 * AMERICAN CYANAMID E.I. 52,160 * BIOTHION * BITHION * CL 52160 * DIFENTHOS * O,O-DIMETHYL PHOSPHOROTHIOATE O,O-DIESTER with 4,4'-THIODIPHENOL * ECOPRO * EI 52160 * ENT 27,165 * EXPERIMENTAL INSECTICIDE 52160 * NIMITEX * NIMITOX * PHENOL, 4,4'-THIODI-, O,O-DIESTER with O,O-DIMETHYL PHOSPHOROTHIOATE * PHOSPHOROTHIOIC ACID, O,O'-(THIODI-4,1-PHENYLENE) O,O,O',O'-TETRAMETHYL ESTER * SWEBATE * TEMEFOS * TEMEPHOS * TEMOPHOS * TETRAMETHYL-O,O'-THIODI-p-PHENYLENE PHOSPHOROTHIOATE * O,O,O',O'-TETRAMETHYL O,O'-THIODI-p-PHENYLENE PHOSPHOROTHIOATE * O,O'-(THIODI-4,1-PHENYLENE)BIS(O,O-DIMETHYL PHOSPHOROTHIOATE) * O,O'-(THIODI-p-PHENYLENE) O,O,O',O'-TETRAMETHYL BIS(PHOSPHOROTHIOATE)

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD	TXAPA9 21,369,72

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1000 mg/kg	GUCHAZ 6,493,73
skn-rat LD50:1370 mg/kg	WRPCA2 9,119,70
* orl-mus LD50:223 mg/kg	ARSIM* 20,1,66
* skn-rbt LD50:970 mg/kg	AMCYC* 8/66
orl-pgn LD50:50 mg/kg	TXAPA9 20,57,71
orl-qal LD50:84 mg/kg	TXAPA9 20,57,71
orl-dck LD50:79 mg/kg	TXAPA9 20,57,71
orl-bwd LD50:32 mg/kg	TXAPA9 20,57,71
* orl-mam LD50:4700 mg/kg	JAVMA4 152,282,68
unk-mam LD50:4 gm/kg	30ZDA9 -,338,71

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RREVAH 46,1,73

★ TLV-TWA 10 mg/m3; STEL 20 mg/m3 DTLVS* 4,3,80

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER with 1,2-BIS(METHOXYCARBONYL)ETHANETHIOL see: WM8410000

TF6899000 PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER, O-ESTER with 3-CHLORO-4-HYDROXYBENZONITRILE

UPDT:8310 CAS: 63981-11-3 MW: 277.67 MOLFM: C9-H9-Cl-N-O3-P-S

SYN: BAYER 47940 * ENT 25,837 * PHOSPHOROTHIOIC ACID, O-(3-CHLORO-4-CYANOPHENYL) O,O-DIMETHYL ESTER

TOXICITY DATA AND REFERENCES:

orl-rat LD50:100 mg/kg	ARSIM* 20,5,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF6899500 PHOSPHOROTHIOIC ACID, O,O-DIMETHYL-, O-ESTER with 5-CHLOROSALICYLONITRILE

UPDT:8307 CAS: 18936-52-2 MW: 277.67 MOLFM: C9-H9-Cl-N-O3-P-S

SYN: BAYER 54203 * O,O-DIMETHYL PHOSPHOROTHIOATE O-ESTER with 5-CHLOROSALICYLONITRILE * PHOSPHOROTHIOIC ACID, O-(4-CHLORO-2-CYANOPHENYL) O,O-DIMETHYL ESTER

TOXICITY DATA AND REFERENCES:

scu-gpg LDLo:100 mg/kg	JEENAI 61,1261,68

TF6900000 PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER, O-ESTER with N-ETHYL-p-HYDROXYBENZENESULFONAMIDE

UPDT:8309 CAS: 1713-60-6 MW: 325.36 MOLFM: C10-H16-N-O5-P-S2

SYN: AC 38,064 * AMERICAN CYANAMID 38,064 * AMERICAN CYANAMID CL-38064 * BENZENESULFONAMIDE, N-ETHYL-p-HYDROXY-, O-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE * ENT 25,645 * O-p-(ETHYLSULFAMOYL)PHENYL O,O-DIMETHYL PHOSPHOROTHIOATE * O-(4-(ETHYLAMINO)SULFONYL)PHENYL O,O-DIMETHYL PHOSPHOROTHIOATE * PHOSPHOROTHIOIC ACID, O-(4-((ETHYLAMINO)SULFONYL)PHENYL O,O-DIMETHYL ESTER

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:60 mg/kg	ARSIM* 20,1,66

TF7180000 PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER, O-ESTER with 4-HYDROXY-m-ANISONITRILE

UPDT:8309 CAS: 3581-11-1 MW: 273.26 MOLFM: C10-H12-N-O4-P-S

SYN: B 11163 * O-(4-CYANO-2-METHOXYPHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE * O,O-DIMETHYL PHOSPHOROTHIOATE, O-ESTER with 4-HYDROXY-m-ANISONITRILE * ENT 27,230 * PHOSPHOROTHIOIC ACID, O-(4-CYANO-2-METHOXYPHENYL) O,O-DIMETHYL ESTER * PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(4-CYANO-2-METHOXYPHENYL) ESTER * PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER, O-ESTER with VANNILLONITRILE * STAUFFER B-11163

TOXICITY DATA AND REFERENCES:

orl-rat LD50:2710 mg/kg	ARSIM* 20,21,66
scu-gpg LDLo:100 mg/kg	JEENAI 61,1261,68

PHOSPHOROTHIOIC ACID, O-(3-CHLORO-4-CYANOPHENYL) O,O-DIMETHYL ESTER see: TF6899000

PHOSPHOROTHIOIC ACID, O-(4-CHLORO-2-CYANOPHENYL) O,O-DIMETHYL ESTER see: TF6899500

TF7525000 PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER, O-ESTER with p-HYDROXYBENZENESULFONAMIDE

UPDT:8310 CAS: 115-93-5 MW: 297.30 MOLFM: C8-H12-N-O5-P-S2

SYN: AC 26,691 * AMERICAN CL-26691 * AMERICAN CYANAMID CL-26,691 * O-(4-(AMINOSULFONYL)PHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE * BENZENESULFONAMIDE, p-HYDROXY-, O-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE * CL 26691 * CYFLEE * CYTHIOATE * O,O-DIMETHYL O-p-SULFAMOYLPHENYL PHOSPHOROTHIOATE * ENT 25,640 * PHOSPHOROTHIOIC ACID, O-(4-(AMINOSULFONYL)PHENYL) O,O-DIMETHYL ESTER (9CI) * PROBAN

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:160 mg/kg	FMCHA2 -,C67,83
orl-mus LD50:38 mg/kg	BESAAT 15,116,69

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF7600000 PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER, O-ESTER with p-HYDROXYBENZONITRILE

UPDT:8412 CAS: 2636-26-2 MW: 243.23 MOLFM: C9-H10-N-O3-P-S

SYN: BAY 34727 * BAYER 34727 * CIAFOS * O-p-CYANOPHENYL O,O-DIMETHYL PHOSPHOROTHIOATE * O-(4-CYANOPHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE * CYANOPHOS * CYANOX * CYAP * O,O-DIMETHYL-O-(4-CYANO-PHENYL)-MONOTHIOPHOSPHAT (German) * O,O-DIMETHYL-O-p-CYANOPHENYL PHOSPHOROTHIOATE * O,O-DIMETHYL O-4-CYANOPHENYL PHOSPHOROTHIOATE * O,O-DIMETHYL O-4-CYANOPHENYL THIOPHOSPHATE * ENT 25,675 * MAY & BAKER S-4084 * PHOSPHOROTHIOIC ACID O-(4-CYANOPHENYL)O,O-DIMETHYL ESTER * S 4084 * SUMITOMO S 4084 * SUNITOMO S 4084

TOXICITY DATA AND REFERENCES:

orl-rat LD50:18 mg/kg	SPEADM 74-1,-,74
skn-rat LD50:800 mg/kg	28ZEAL 5,62,76
* orl-mus TD50:324 mg/kg	GISAAA 48(9),76,83
* ipr-mus LD50:880 mg/kg	MEIEDD 10,322,83
* orl-gpg LD50:324 mg/kg	GISAAA 48(9),76,83
orl-ckn LD50:24 mg/kg	TXAPA9 11,49,67
* skn-mam LD50:2010 mg/kg	GTPZAB 21(7),34,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF7650000 PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER, O-ESTER with p-HYDROXY-N,N-DIMETHYLBENZENE- SULFONAMIDE

UPDT:8408 CAS: 52-85-7 MW: 325.36 MOLFM: C10-H16-N-O5-P-S2

SYN: AC 38023 * AMERICAN CYANAMID-38023 * AMERICAN CYANAMID CL-38,023 * BO-ANA * CL-38023 * CYFLEE * O-(4-((DIMETHYLAMINO)SULFONYL)PHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE * O,O-DIMETHYL O-(p-(N,N-DIMETHYLSULFAMOYL) PHENYL) PHOSPHOROTHIOATE * DOVIP * ENT 25,644 * FAMFOS * FAMOPHOS * FAMOPHOS WARBEX * FAMPHOS * FAMPHUR * FANFOS * RCRA WASTE NUMBER P097 * WARBEX

TOXICITY DATA AND REFERENCES:

orl-rat LD50:35 mg/kg	TXAPA9 21,315,72
orl-mus LD50:27 mg/kg	JAFCAU 15,845,67
skn-rbt LD50:1460 mg/kg	WRPCA2 9,119,70
orl-bwd LD50:2 mg/kg	TXAPA9 21,315,72
ims-dom LD50:59 mg/kg	VETNAL 54(12),94,78
3F07F15F23 ims-mam LD50:64 mg/kg	VETNAL (12),94,78

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RREVAH 46,1,73

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF7700000 PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER, O-ESTER with p-HYDROXY- N-ISOPROPYLBENZENESULFONAMIDE

UPDT:8309 CAS: 1713-54-8 MW: 339.39 MOLFM: C11-H18-N-O5-P-S2

SYN: AC 35,217 * AMERICAN CYANAMID CL-35,217 * BENZENESULFONAMIDE, p-HYDROXY-N-ISOPROPYL-, O-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE * CL-35217 * ENT 25,642 * O-p(ISOPROPYLSULFAMOYL)PHENYL-O,O-DIMETHYLPHOSPHOROTHIOATE * O-(4-(((1-METHYLETHYL)AMINO)SULFONYL)PHENYL PHOSPHOROTHIOATE * PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(4-(((1-METHYLETHYL)AMINO)SULFONYL)PHENYL ESTER

TOXICITY DATA AND REFERENCES:

orl-mus LD50:75 mg/kg	28ZEAL 4,257,69

TF7800000 PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER, O-ESTER with p-HYDROXY-N-METHYLBENZENESULFONAMIDE

UPDT:8309 CAS: 122-17-8 MW: 311.33 MOLFM: C9-H14-N-O5-P-S2

SYN: AC 38,106 * AMERICAN CYANAMID CL-38106 * CL-38106 * O,O-DIMETHYL O-(4-((METHYLAMINO)SULFONYL)PHENYL)PHOSPHOROTHIOATE * ENT 25,646 * PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(4-((METHYLAMINO)SULFONYL)PHENYL) ESTER

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:15 mg/kg	ARSIM* 20,1,66

TF7850000 PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER, O-ESTER with 3-(HYDROXYMETHYL)-1,2,3- BENZOTRIAZIN-4(3H)-ONE

UPDT:8309 CAS: 24736-01-4 MW: 329.34 MOLFM: C12-H16-N3-O4-P-S

SYN: BAY 25660 * BAYER 25660 * O,O-DIETHYL S-((4-OXO-1,2,3-BENZOTRIAZIN-3(4H)-YL)METHYL) PHOSPHOROTHIOATE * ENT 25,611

TOXICITY DATA AND REFERENCES:

orl-rat LDLo:50 mg/kg	ARSIM* 20,3,66

TF7900000 PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER S-ESTER with 2-((2-MERCAPTOETHYL)THIO)-N- METHYLPROPIONAMIDE

UPDT:8405 CAS: 2275-23-2 MW: 287.36 MOLFM: C8-H18-N-O4-P-S2

SYN: AMERICAN CYANAMID-43073 * O,O-DIMETHYL S-2-(1-N-METHYLCARBAMOYLETHYLMERCAPTO)ETHYL THIOPHOSPHATE * O,O-DIMETHYL S-(2-(1-METHYLCARBAMOYLETHYLTHIO)ETHYL) PHOSPHOROTHIOATE * DIMETHYL S-(2-(1-METHYLCARBAMOYLETHYLTHIO ETHYL) PHOSPHOROTHIOLATE * ENT 26,613 * KILVAL * N-METHYL O,O-DIMETHYLTHIOLOPHOSPHORYL-5-THIA-3-METHYL-2-VALERAMIDE * N-METHYL-3-THIA-2-METHYL-VALERAMID DER O,O-DIMETHYLTHIOLPHOSPHORSAEURE (German) * NPH 83 * RP-9895 * R.P. 10,465 * TRUCIDOR * VAMIDOATE * VAMIDOTHION

MUTATION DATA AND REFERENCES:

mmo-sat 5 uL/plate	MUREAV 28,405,75
mma-sat 25 pph	MUREAV 40,19,76
mmo-esc 5 uL/plate	MUREAV 28,405,75
mma-esc 25 pph	MUREAV 40,19,76
mrc-bcs 25 pph/24H	MUREAV 40,19,76
cyt-ham:lng 5 mmol/L	MUREAV 78,177,80
sce-ham:lng 1 mmol/L	MUREAV 78,177,80

TOXICITY DATA AND REFERENCES:

orl-rat LD50:64 mg/kg	28ZEAL 5,233,76
unk-rat LD50:64 mg/kg	30ZDA9 -,349,71
orl-mus LD50:40 mg/kg	MZUZA8 (8),65,72
skn-mus LD50:1500 mg/kg	GUCHAZ 6,530,73
unk-mus LD50:43 mg/kg	30ZDA9 -,349,71
orl-dog LD50:110 mg/kg	GUCHAZ 6,530,73
skn-rbt LD50:160 mg/kg	WRPCA2 9,119,70
orl-gpg LD50:85 mg/kg	GUCHAZ 6,530,73
unk-gpg LD50:85 mg/kg	30ZDA9 -,349,71

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RREVAH 63,1,76

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF8050000 PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER S-ESTER with 2-MERCAPTO-N-METHYLACETAMIDE

UPDT:8309 CAS: 1113-02-6 MW: 213.21 MOLFM: C5-H12-N-O4-P-S

SYN: ACETAMIDE, 2-MERCAPTO-N-METHYL-, S-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE * BAY 45432 * BAYER 45,432 * DIMETHOATE O-ANALOG * DIMETHOATE OXYGEN ANALOG * DIMETHOATE PO ISOLOGUE * DIMETHOXON * O,O-DIMETHYL S-(2-(METHYLAMINO)-2-OXOETHYL)PHOSPHOROTHIOATE * O,O-DIMETHYL-S-((N-METHYL-CARBAMOYL)-METHYL)-MONOTHIOFOSFAAT (Dutch) * O,O-DIMETHYL-S-(N-METHYL-CARBAMOYL)-METHYL-MONOTHIOPHOSPHAT (German) * O,O-DIMETHYL S-((METHYLCARBAMOYL)METHYL)PHOSPHOROTHIOATE * O,O-DIMETHYL-S-(N-METHYLCARBAMOYLMETHYL)PHOSPHOROTHIOATE * O,O-DIMETHYL S-(N-METHYLCARBAMOYLMETHYL) PHOSPHOROTHIOLATE * DIMETHYL-S-(N-METHYL-CARBAMOYL-METHYL)PHOSPHOROTHIOLATE * O,O-DIMETHYL S-(N-METHYLCARBAMOYLMETHYL) THIOPHOSPHATE * O,O-DIMETHYL-S-(2-OXO-3-AZABUTYL)-MONOTHIOPHOSPHATE * O,O-DIMETIL-S-(N-METIL-CARBAMOIL)-METIL-MONOTIOFOSFATO (Italian) * ENT 25,776 * FOLIMAT * O-ANALOG of DIMETHOATE * OMETHOAT * OMETHOATE * PHOSPHOROTHIOIC ACID, O,O-DIMETHYL S-(2-(METHYLAMINO)-2-OXOETHYL) ESTER * PO-DIMETHOATE * P O-ROGOR * S6876 * THIOPHOSPHATE DE O,O-DIMETHYLE ET DE S-(N-METHYLCARBAMOYL) METHYLE (French)

MUTATION DATA AND REFERENCES:

mmo-esc 5 uL/plate	MUREAV 28,405,75

TOXICITY DATA AND REFERENCES:

orl-rat LDLo:50 mg/kg	ARSIM* 20,5,66
skn-rat LD50:700 mg/kg	WRPCA2 9,119,70
unk-rat LD50:55 mg/kg	30ZDA9 -,360,71
orl-cat LD50:50 mg/kg	85DPAN -,-,71/76
orl-rbt LD50:50 mg/kg	85DPAN -,-,71/76
orl-gpg LD50:100 mg/kg	85DPAN -,-,71/76
orl-ckn LD50:125 mg/kg	85DPAN -,-,71/76

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CNDQAB 10(3),43,75; RREVAH 63,1,76

TF8225000 PHOSPHOROTHIOIC ACID, 0,0-DIMETHYL ESTER, S-ESTER with 2-(MERCAPTOMETHYL)-5-METHOXY- 4H-PYRAN-4-ONE

UPDT:8309 CAS: 2778-04-3 MW: 280.25 MOLFM: C9-H13-O6-P-S

SYN: AC-18,737 * O,O-DIMETHYL S-(5-METHOXY-4-OXO-4H-PYRAN-2-YL)PHOSPHOROTHIOATE * O,O-DIMETHYL S-(5-METHOXYPYRONYL-2-METHYL) THIOPHOSPHATE * ENDOCID * ENDOCIDE * ENDOTHION * ENT 24,653 * EXOTHION * 5-METHOXY-2-(DIMETHOXYPHOSPHINYLTHIOMETHYL)PYRONE-4 * S-5-METHOXY-4-OXOPYRAN-2-YLMETHYL DIMETHYL PHOSPHOROTHIOATE * S-((5-METHOXY-4H-PYRON-2-YL)-METHYL)-O,O-DIMETHYL-MONOTHIOFOSFAAT (Dutch) * S-((5-METHOXY-4H-PYRON-2-YL)-METHYL)-O,O-DIMETHYL-MONOTHIOPHOSPHAT (German) * S-(5-METHOXY-4-PYRON-2-YLMETHYL) DIMETHYL PHOSPHOROTHIOATE * S-((5-METOSSI-4H-PIRON-2-IL)-METIL)-O,O-DIMETIL-MONOTIOFOSFATO (Italian) * NIA-5767 * NIAGARA 5767 * PHOSPHATE 100 * PHOSPHOPYRON * PHOSPHOPYRONE * THIOPHOSPHATE DE O,O-DIMETHYLE ET DE S-((5-METHOXY-4-PYRONYL)-METHYLE) (French)

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:23 mg/kg	WRPCA2 4,36,65
	skn-rat LD50:130 mg/kg	PHJOAV 185,361,60
	unk-rat LD50:30 mg/kg	30ZDA9 -,343,71
	orl-mus LD50:17 mg/kg	ARSIM* 20,10,66
	orl-gpg LD50:60 mg/kg	PCOC** -,473,66
	orl-ckn LD50:89 mg/kg	TXAPA9 11,49,67

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: DTTIAF 80(20),485,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOIC ACID, 0,0-DIMETHYL ESTER, 0-ESTER with VANNILLONITRILE see: TF7180000

TF8350000 PHOSPHOROTHIOIC ACID, 0,0-DIMETHYL 0-(6-ETHOXY-2-ETHYL-4-PYRIMIDINYL) ESTER

UPDT:8309 CAS: 38260-54-7 MW: 292.32 MOLFM: C10-H17-N2-O4-P-S

SYN: EKAMET * EKAMET G * EKAMET ULV * O-6-ETHOXY-2-ETHYLPYRIMIDIN-4-YL O,O-DIMETHYL PHOSPHOROTHIOATE * O-(6-ETHOXY-2-ETHYL-4-PYRIMIDINYL) O,O-DIMETHYL PHOSPHOROTHIOATE * ETRIMFOS * SAN 197 I * SATISFAR

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1800 mg/kg	85ARAE 1,137,77

TF8400000 PHOSPHOROTHIOIC ACID, 0,0-DIMETHYL S-ETHYL ESTER

UPDT:8408 MW: 170.18 MOLFM: C4-H11-O3-P-S

SYN: O,O-DIMETHYL S-ETHYL PHOSPHOROTHIOATE

TOXICITY DATA AND REFERENCES:

3J02U01Y21	orl-rat LD50:17 mg/kg	TOLED5 18(Suppl 1),73,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOIC ACID, 0,0-DIMETHYL S-(2-(ETHYLSULFINYL)ETHYL) ESTER see: TG1420000

PHOSPHOROTHIOIC ACID, 0,0-DIMETHYL S-((ETHYLSULFINYL-(2-ISOPROPYL)) ESTER see: TG1575000

PHOSPHOROTHIOIC ACID, 0,0-DIMETHYL S-(2-(ETHYLTHIO)ETHYL) ESTER see: TG1750000

PHOSPHOROTHIOIC ACID, 0,0-DIMETHYL S-(2-(METHYLAMINO)-2-OXOETHYL) ESTER see: TF8050000

PHOSPHOROTHIOIC ACID, 0,0-DIMETHYL 0-(4-((METHYLAMINO)SULFONYL)PHENYL) ESTER see: TF7800000

PHOSPHOROTHIOIC ACID, 0,0-DIMETHYL 0-(4-(((1-METHYLETHYL)AMINO)SULFONYL)PHENYL ESTER see: TF7700000

PHOSPHOROTHIOIC ACID 0,0-DIMETHYL 0-(3-METHYL-4-(METHYLTHIO)PHENYL) ESTER see: TF9625000

PHOSPHOROTHIOIC ACID, 0,0-DIMETHYL 0-(3-METHYL-4-NITROPHENYL) ESTER see: TG0350000

TF9370000 PHOSPHOROTHIOIC ACID, 0,0-DIMETHYL 0-(p-METHYLSULFINYL)PHENYL) ESTER

UPDT:8401 CAS: 115-91-3 MW: 280.31 MOLFM: C9-H13-O4-P-S2

SYN: BAYER 25198 * O,O-DIMETHYL O-(p-METHYLSULFINYLPHENYL)PHOSPHOROTHIOATE * DMSP * ENT 24,944

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:3 mg/kg	ARSIM* 20,3,66
	orl-ckn LD50:2320 ug/kg	TXAPA9 6,147,64

REVIEW AND REFERENCES:

★ TLV-TWA 100 ug/m3	DTLVS* 4,191,80

PHOSPHOROTHIOIC ACID, 0-(3,5-DIMETHYL-4-(METHYLTHIO)PHENYL 0,0-DIETHYL ESTER see: TF4200000

PHOSPHOROTHIOIC ACID, 0-(3,5-DIMETHYL-4-(METHYLTHIO)PHENYL) 0,0-DIMETHYL ESTER see: TF9800000

TF9625000 PHOSPHOROTHIOIC ACID, 0,0-DIMETHYL-, 0-(4-METHYLTHIO)-m-TOLYL) ESTER

UPDT:8412 CAS: 55-38-9 MW: 278.34 MOLFM: C10-H15-O3-P-S2

SYN: B 29493 * BAY 29493 * BAYCID * BAYER 9007 * BAYER 29493 * BAYER S-1752 * BAYTEX * m-CRESOL, 4-(METHYLTHIO)-, O-ester with O,O-DIMETHYL PHOSPHOROTHIOATE * O,O-DIMETHYL O-4-(METHYLMERCAPTO)-3-METHYLPHENYL PHOSPHOROTHIOATE * O,O-DIMETHYL-O-4-(METHYLMERCAPTO)-3-METHYLPHENYL THIOPHOSPHATE * O,O-DIMETHYL O-(3-METHYL-4-METHYLMERCAPTOPHENYL)PHOSPHOROTHIOATE * O,O-DIMETHYL-O-(3-METHYL-4-METHYLTHIO-FENYL)-MONOTHIOFOSFAAT (Dutch) * O,O-DIMETHYL-O-(3-METHYL-4-METHYLTHIOPHENYL)-MONOTHIOPHOSPHAT (German) * O,O-DIMETHYL O-3-METHYL-4-METHYLTHIOPHENYL PHOSPHOROTHIOATE * O,O-DIMETHYL O-(4-METHYLTHIO-3-METHYLPHENYL) PHOSPHOROTHIOATE * O,O-DIMETHYL O-(4-(METHYLTHIO)-m-TOLYL) PHOSPHOROTHIOATE * O,O-DIMETIL-O-(3-METIL-4-METILTIO-FENIL)-MONOTIOFOSFATO (Italian) * DMTP * ENT 25,540 * ENTEX * FENTHION * LEBAYCID * MERCAPTOPHOS * 4-METHYLMERCAPTO-3-METHYLPHENYL DIMETHYL THIOPHOSPHATE * MPP * NCI-C08651 * OMS 2 * PHOSPHOROTHIOIC ACID O,O-DIMETHYL O-(3-METHYL-4-(METHYLTHIO)PHENYL) ESTER * QUELETOX * S 1752 * SPOTTON * TALODEX * THIOPHOSPHATE DE O,O-DIMETHYLE ET DE O-(3-METHYL-4-METHYLTHIOPHENYLE) (French) * TIGUVON

MUTATION DATA AND REFERENCES:

	sce-ham:lng 40 mg/L	ENMUDM 4,621,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T22T75T76	orl-mus TDLo:1050 mg/kg (MGN)	TXAPA9 26,29,73
3T34T43T46	ipr-mus TDLo:40 mg/kg (11D preg)	TXAPA9 24,324,73

TUMORIGENIC DATA AND REFERENCES:

2V03R60	orl-mus TDLo:1730 mg/kg/103W-C	NCITR* NCI-CG-TR-103,79

TOXICITY DATA AND REFERENCES:

	unk-hmn LD50:50 mg/kg	DTLVS* 4,191,80
*	orl-rat LD50:180 mg/kg	KSKZAN 16(2),59,78
	skn-rat LD50:330 mg/kg	TXAPA9 2,88,60
	ipr-rat LDLo:260 mg/kg	TXAPA9 6,86,64
*	orl-mus LD50:145 mg/kg	DBANAD 33,1133,80
	ipr-mus LD50:200 mg/kg	TXAPA9 24,324,73
*	ivn-mus LD50:320 mg/kg	CSLNX* NX#00142
	orl-rbt LD50:150 mg/kg	PCOC** -,530,66
	orl-gpg LD50:400 mg/kg	GISAAA 43(8),10,78
	ipr-gpg LDLo:310 mg/kg	TXAPA9 6,86,64
	orl-pgn LD50:1800 ug/kg	TXAPA9 21,315,72
	orl-ckn LD50:28 mg/kg	TXAPA9 3,521,61
	orl-qal LD50:11 mg/kg	TXAPA9 20,57,71
*	orl-dck LD50:5900 ug/kg	DOEAAH 35,27,79
	skn-dck LD50:44 mg/kg	TXAPA9 47,451,79
	orl-bwd LD50:2 mg/kg	TXAPA9 21,315,72
	skn-dom LD50:98 mg/kg	VETNAL 54(12),94,78
1Y23	ims-dom LD50:46 mg/kg	VETNAL 54(12),94,78
3F07F15F23	orl-mam LD50:105 mg/kg	VETNAL (12),94,78
3F07F15F23	ims-mam LD50:46200 ug/kg	VETNAL (12),94,78
	orl-brd LD50:5600 ug/kg	TXAPA9 21,315,72
	orl-bwd LD50:1800 ug/kg	TXAPA9 26,154,73

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RREVAH 46,1,73; CNDQAB 10(3),43,75; RREVAH 63,1,76

★ TLV-TWA 200 ug/m3 (skin)	DTLWS* 4,191,81

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-103,79)

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:MOUSE (NCITR* NCI-CG-TR-103,79)

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TF9800000 PHOSPHOROTHIOIC ACID, 0,0-DIMETHYL 0-(4-METHYLTHIO)-3,5-XYLYL) ESTER

UPDT:8309 CAS: 55-37-8 MW: 292.37 MOLFM: C11-H17-O3-P-S2

SYN: BAY 37342 * BAYER 37342 * O,O-DIMETHYL O-(3,5-DIMETHYL-4-METHYLTHIOPHENYL) PHOSPHOROTHIOATE * O-(3,5-DIMETHYL-4-(METHYLTHIO)PHENYL) O,O-DIMETHYL PHOSPHOROTHIOATE * O,O-DIMETHYL O-4-(METHYLTHIO)-3,5-XYLYL PHOSPHOROTHIOATE * ENT 25684 * G 347 * PHOSPHOROTHIOIC ACID, O-(3,5-DIMETHYL-4-(METHYLTHIO)PHENYL) O,O-DIMETHYL ESTER

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1000 mg/kg	TXAPA9 21,315,72
	orl-ckn LD50:103 mg/kg	TXAPA9 11,49,67
	orl-bwd LD50:10 mg/kg	TXAPA9 21,315,72

TG0100000 PHOSPHOROTHIOIC ACID, 0,0-DIMETHYL 0-(m-NITROPHENYL)ESTER

UPDT:8309 CAS: 620-29-1 MW: 263.22 MOLFM: C8-H10-N-O5-P-S

SYN: BAY 45515 * BAYER 45515 * O,O-DIMETHYL O-(3-NITROPHENYL) PHOSPHOROTHIOATE * ENT 25,923 * PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(3-NITROPHENYL) ESTER

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:1000 mg/kg	ARSIM* 20,5,66

TG0175000 PHOSPHOROTHIOIC ACID, 0,0-DIMETHYL 0-(p-NITROPHENYL) ESTER

UPDT:8408 CAS: 298-00-0 MW: 263.22 MOLFM: C8-H10-N-O5-P-S

SYN: A-GRO * AZOFOS * AZOPHOS * BAY E-601 * BAY 11405 * BLADAN-M * CEKUMETHION * DALF * DEVITHION * O,O-DIMETHYL-O-p-NITROFENYLESTER KYSELINY THIOFOSFORECNE (Czech) * O,O-DIMETHYL-O-(4-NITRO-FENYL)-MONOTHIOFOSFAAT (Dutch) * DIMETHYL p-NITROPHENYL MONOTHIOPHOSPHATE * O,O-DIMETHYL-O-(4-NITRO-PHENYL)-MONOTHIOPHOSPHAT (German) * O,O-DIMETHYL O-(p-NITROPHENYL) PHOSPHOROTHIOATE * O,O-DIMETHYL-O-(4-NITROPHENYL) PHOSPHOROTHIOATE * DIMETHYL 4-NITROPHENYL PHOSPHOROTHIONATE * O,O-DIMETHYL O-(p-NITROPHENYL) THIONOPHOSPHATE * O,O-DIMETHYL-O-(p-NITROPHENYL)-THIONOPHOSPHAT (German) * DIMETHYL-p-NITROPHENYL THIONPHOSPHATE * O,O-DIMETHYL O-p-NITROPHENYL THIOPHOSPHATE * DIMETHYL PARATHION * DIMETHYL p-NITROPHENYL THIOPHOSPHATE * O,O-DIMETIL-O-(4-NITRO-FENIL)-MONOTIOFOSFATO (Italian) * DREXEL METHYL PARATHION 4E * E 601 * ENT 17,292 * FOLIDOL-80 * FOLIDOL M * FOSFERNO M 50 * GEARPHOS * 8056HC * M40 & 80 * ME-PARATHION * MEPATON * MEPTOX * METACID 50 * METACIDE * METAFOS * METAPHOR * METAPHOS * METHYL-E 605 * METHYL FOSFERNO * METHYL NIRAN * METHYL PARATHION * METHYL PARATHION, LIQUID (DOT) * METHYLTHIOPHOS * METILPARATION (Hungarian) * METRON * METYLOPARATION (Polish) * METYLPARATION (Czech) * NA 2783 (DOT) * NCI-C02971 * p-NITROPHENYLDIMETHYLTHIONOPHOSPHATE * NITROX * NITROX 80 * OLEOVOFOTOX * PARAPEST M-50 * PARATAF * M-PARATHION * PARATHION METHYL * PARATHION METHYL HOMOLOG * PARATHION-METILE (Italian) * PARATOX * PARTON-M * PARTRON M * PENNCAP-M * PHENOL, p-NITRO-, 0-ESTER with 0,0-DIMETHYL PHOSPHOROTHIOATE * PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(4-NITROPHENYL) ESTER * RCRA WASTE NUMBER P071 * SINAFID M-48 * SIXTY-THREE SPECIAL E.C. INSECTICIDE * TEKWAISA * THIOPHENIT * THIOPHOSPHATE DE O,O-DIMETHYLE ET DE O-(4-NITROPHENYLE) (French) * THYLPAR M-50 * TOLL * VERTAC METHYL PARATHION TECHNISCH 80% * VOFATOX * WOFATOS * WOFATOX * WOFOTOX

MUTATION DATA AND REFERENCES:

	mmo-sat 667 ug/plate	ENMUDM 5(Suppl 1),3,83
	mma-sat 333 ug/plate	ENMUDM 5(Suppl 1),3,83
	mmo-esc 10 mmol/L	MUREAV 20,7,73
	dnd-esc 100 mg/L	MUREAV 52,161,78
	mmo-omi 100 mg/L	TGANAK 15(3),68,81
	dnr-omi 50 uL/plate	BIZNAT 95,463,76
	mrc-smc 114 mmol/L	IARCCD 10,161,74
	sce-hmn:lym 10 mg/L	MUREAV 88,307,81
	cyt-mus-orl 10 mg/kg	SOGEBZ 11,1534,75
	msc-mus:lym 100 mg/L	NTIS** PB84-138973
	sce-ham:lng 10 mg/L	MUREAV 88,307,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T76T85	orl-rat TDLo:9 mg/kg (7-15D preg)	JPFCD2 B15,365,80
1T25	orl-rat TDLo:15 mg/kg (6-15D preg)	TXAPA9 72,457,84
1T34	orl-rat TDLo:600 ug/kg (5-15D preg)	AXVMAW 30,343,76
1T81	orl-rat TDLo:2200 ug/kg (1-22D preg)	GISAAA 38(8),21,73
1T34	ipr-rat TDLo:15 mg/kg (13D preg)	AEHLAU 15,609,67
1T85	unk-rat TDLo:44 mg/kg (1-22D preg)	AMSHAR 28,210,80
3T35T43T46	ipr-mus TDLo:60 mg/kg (11D preg)	AEHLAU 15,609,67

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:6 mg/kg	28ZPAK -,208,72
2F11F23J22	ihl-rat LC50:34 mg/m3/4H	EGESAQ 24,173,80
	skn-rat LD50:63 mg/kg	SPEADM 74-1,-,74
1Y01	ipr-rat LD50:3500 ug/kg	AMIHBC 6,9,52
	scu-rat LD50:6 mg/kg	JEENAI 50,356,57
	ivn-rat LD50:9 mg/kg	NTIS** PB277-077
*	unk-rat LD50:10 mg/kg	NYKZAU 74,41P,78
	orl-mus LD50:23 mg/kg	JAFCAU 17,243,69
	ihl-mus LC50:120 mg/m3/4H	NTIS** PB241-840
1Y01	skn-mus LD50:1200 mg/kg	JTEHD6 9,491,82
*	ipr-mus LD50:8200 ug/kg	CBINA8 17,99,77
	scu-mus LD50:18 mg/kg	BLLIAX 38,151,58
	ivn-mus LD50:9800 ug/kg	NTIS** PB241-840
	orl-rbt LD50:420 mg/kg	NTIS** PB241-840
	skn-rbt LD50:300 mg/kg	AFDOAQ 16,3,52
	orl-gpg LD50:1270 mg/kg	NTIS** PB241-840
	ivn-gpg LD50:50 mg/kg	NTIS** PB241-840
*	orl-dck LD50:10 mg/kg	DOEAAH 35,27,79
	skn-dck LD50:54 mg/kg	TXAPA9 47,451,79
	orl-bwd LD50:7 mg/kg	TXAPA9 21,315,72
	unk-mam LD50:25 mg/kg	30ZDA9 -,327,71

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AQMOAC #73-19 1973; RREVAH 46,1,73; ECMAAI 14(3),141,73; DTTIAF 80(20),485,73; RREVAH 63,1,76

★ CARCINOGENIC REVIEW:ANIMAL NEGATIVE	IARC** 30,131,83
★ TLV-TWA 200 ug/m3; STEL 600 ug/m3 (skin)	DTLVS* 4,285,80

STANDARDS & REGULATIONS:

★ EPA:FARM WORKER FIELD REENTRY	FEREAC 39,16888,74
★ DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO METHYL PARATHION recm std-air:TWA 0.2 mg/m3	NTIS**

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-157,79)

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(3-NITROPHENYL) ESTER see: TG0100000

PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(4-NITROPHENYL) ESTER see: TG0175000

TG0245000 PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(p-NITROPHENYL) ESTER (dry mixture)

UPDT:8412 CAS: 298-00-0 MW: 263.22 MOLFM: C8-H10-N-O5-P-S

SYN: METHYL PARATHION MIXTURE, DRY (DOT) * NA 2783 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172.101,82

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TG0246000 PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(p-NITROPHENYL) ESTER (liquid mixture)

UPDT:8306 CAS: 298-00-0 MW: 263.22 MOLFM: C8-H10-N-O5-P-S

SYN: METHYL PARATHION MIXTURE, LIQUID (CONTAINING 25% OR LESS METHYL PARATHION) (DOT) * NA 2783 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172.101,82

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TG0350000 PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(4-NITRO-m-TOLYL) ESTER

UPDT:8408 CAS: 122-14-5 MW: 277.25 MOLFM: C9-H12-N-O5-P-S

SYN: AC-47300 * ACCOTHION * ACEOTHION * AGRIA 1050 * AGRIYA 1050 * AGROTHION * AMERICAN CYANAMID CL-47,300 * ARBOGAL * BAY 41831 * BAYER 41831 * BAYER S 5660 * BAY S 5660 * CEKUTROTHION * CL 47300 * CP 47114 * m-CRESOL, 4-NITRO-, O-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE * CYFEN * CYTEL * CYTEN * O,O-DIMETHYL-O-(3-METHYL-4-NITROFENYL)-MONOTHIOFOSFAAT (Dutch) * O,O-DIMETHYL-O-(3-METHYL-4-NITRO-PHENYL)-MONOTHIOPHOSPHAT (German) * DIMETHYL 3-METHYL-4-NITROPHENYL PHOSPHOROTHIONATE * O,O-DIMETHYL O-(3-METHYL-4-NITROPHENYL) PHOSPHOROTHIOATE * O,O-DIMETHYL O-(3-METHYL-4-NITROPHENYL) THIOPHOSPHATE * O,O-DIMETHYL O-(3-METHYL) PHOSPHOROTHIOATE * O,O-DIMETHYL O-(4-NITRO-3-METHYLPHENYL)THIOPHOSPHATE * O,O-DIMETHYL O-4-NITRO-m-TOLYL PHOSPHOROTHIOATE * O,O-DIMETIL-O-(3-METIL-4-NITRO-FENIL)-MONOTIOFOSFATO (Italian) * DYBAR * EI 47300 * ENT 25,715 * FALITHION * FENITOX * FENITROTHION * FENTROTHIONE * FOLITHION * FENITROTION (Hungarian) * H-35-F 87 (BVM) * 8057HC * KOTION * MEP * MEP (PESTICIDE) * METATHIO E-50 * METATHION * METATHIONE * METATHION E 50 * METATHIONINE * METATHIONINE E50 * METATION * METATION E50 * METHYLNITROPHOS * MGLAWIK F * MONSANTO CP 47114 * NITROPHOS * NOVATHION * NUVANOL * OVADOFOS * OWADOFOS * OLEOSUMIFENE * OMS 43 * PENNWALT C-4852 * PHENITROTHION * PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(3-METHYL-4-NITROPHENYL) ESTER * S 5660 * S 112A * S-1102A * SUMITHIAN * SUMITHION * SUMITOMO S-1102A * THIOPHOSPHATE DE O,O-DIMETHYLE ET DE O-(3-METHYL-4-NITROPHENYLE) (French) * VERTHION

MUTATION DATA AND REFERENCES:

	mmo-sat 500 ug/plate	MUREAV 116,185,83
	mma-sat 500 ug/plate	MUREAV 116,185,83
	cyt-ham:lng 200 mg/L	GMCRDC 27,95,81

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:250 mg/kg	TXAPA9 21,315,72
3F11F23J22	ihl-rat LC50:378 mg/m3/4H	EGESAQ 24,173,80
*	skn-rat LD50:750 mg/kg	SRTCDF -,101,77
2E08J13	ipr-rat LD50:300 mg/kg	TXAPA9 63,91,82
3Y23J22F12	ivn-rat LD50:33 mg/kg	ABCHA6 27,669,63
3E08F11J13	itr-rat LD50:950 mg/kg	TXAPA9 63,91,82
*	unk-rat LD50:290 mg/kg	NYKZAU 74,41P,78
	orl-mus LD50:715 mg/kg	HYSAAV 31,13,66
1Y01	skn-mus LD50:2500 mg/kg	ABCHA6 25,605,61
1Y01	ipr-mus LD50:280 mg/kg	ABCHA6 25,605,61
1Y01	scu-mus LD50:1000 mg/kg	ABCHA6 25,605,61
*	orl-cat LD50:142 mg/kg	ABCHA6 25,605,61
	orl-gpg LD50:500 mg/kg	85DPAN -,-,71/76
3Y23J22F12	ivn-gpg LD50:112 mg/kg	ABCHA6 27,669,63
	orl-ckn LD50:280 mg/kg	TXAPA9 11,49,67
	orl-dck LD50:1190 mg/kg	TXAPA9 47,451,79
	skn-dck LD50:504 mg/kg	TXAPA9 47,451,79
3F12F13F17	unk-ctl LD50:217 mg/kg	IJLAA4 49,314,79
	unk-mam LD50:142 mg/kg	30ZDA9 -,330,71
	orl-bwd LD50:25 mg/kg	TXAPA9 21,315,72

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RREVAH 46,1,73; MZUZA8 (8),90,73; DTTIAF 80(20),485,73; RREVAH 63,1,76

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TG0420000 PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-2-QUINOXALINYL ESTER

UPDT:8306 CAS: 13593-08-3 MW: 270.26 MOLFM: C10-H11-N2-O3-P-S

SYN: QUINALPHOS-METHYL * SAN 52056

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:900 mg/kg	KSKZAN 16(2),59,78

TG0425000 PHOSPHOROTHIOIC ACID, O,O-DIMETHYL S-2,2,2-TRICHLOROETHYL ESTER

UPDT:8309 CAS: 1886-01-7 MW: 273.50 MOLFM: C4-H8-Cl3-O3-P-S

SYN: CHEMAGRO 4675 * O,O-DIMETHYL S-(2,2,2-TRICHLOROETHYL) PHOSPHOROTHIOATE * ENT 27,272

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:150 mg/kg	ARSIM* 20,6,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TG0525000 PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(2,4,5-TRICHLOROPHENYL) ESTER

UPDT:8411 CAS: 299-84-3 MW: 321.54 MOLFM: C8-H8-Cl3-O3-P-S

SYN: DERMAFOSU (Polish) * DERMAPHOS * O,O-DIMETHYL O-2,4,5-TRICHLOROPHENYL PHOSPHOROTHIOATE * DIMETHYL TRICHLOROPHENYL THIOPHOSPHATE * O,O-DIMETHYL O-(2,4,5-TRICHLOROPHENYL)THIOPHOSPHATE * DOW ET 14 * DOW ET 57 * ECTORAL * ENT 23,284 * ET 14 * ET 57 * ETROLENE * FENCHLOORFOS (Dutch) * FENCHLORFOSU (Polish) * FENCHLORFOS * FENCHLOROPHOS * FENCHLORPHOS * KARLAN * KORLAN * KORLANE * NANCHOR * NANKER * NANKOR * PHENOL, 2,4,5-TRICHLORO-, O-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE * RONNEL * THIOPHOSPHATE DE O,O-DIMETHYLE ET DE O-(2,4,5-TRICHLOROPHENYLE) (French) * O-(2,4,5-TRICHLOOR-FENYL)-O,O-DIMETHYL-MONOTHIOFOSFAAT (Dutch) * TRICHLOROMETAFOS * O-(2,4,5-TRICHLOR-PHENYL)-O,O-DIMETHYL-MONOTHIOPHOSPHAT (German) * O-(2,4,5-TRICLORO-FENIL)-O,O-DIMETIL-MONOTIOFOSFATO (Italian) * TROLEN * TROLENE * VIOZENE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T83	orl-rat TDLo:368 mg/kg (16-22D preg)	NUPOBT 17,577,79
1T46	orl-rat TDLo:6 gm/kg (6-15D preg)	JTEHD6 10,111,82
3T41T43T46	orl-mam TDLo:2100 mg/kg (30-50D preg)	AVSCA7 24,99,83
2T72T73	orl-mam TDLo:2100 mg/kg (30-50D preg)	AVSCA7 24,99,83

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:625 mg/kg	GISAAA 45(6),14,80
	skn-rat LD50:2000 mg/kg	WRPCA2 9,119,70
	ipr-rat LD50:2823 mg/kg	PSEBAA 129,699,68
	orl-mus LD50:2000 mg/kg	PCOC** -,965,66
	ipr-mus LD50:118 mg/kg	PSEBAA 129,699,68
	orl-rbt LD50:420 mg/kg	PCOC** -,965,66
*	skn-rbt LD50:1000 mg/kg	FMCHA2 -,C207,83
	orl-gpg LD50:1400 mg/kg	PCOC** -,965,66
	skn-gpg LD50:2000 mg/kg	85DPAN -,-,71/76
3L30M30U01	orl-ckn LD50:6375 mg/kg	BCTKAG 10,339,77
	orl-dck LD50:3500 mg/kg	PCOC** -,965,66
	orl-bwd LD50:80 mg/kg	TXAPA9 21,315,72
	orl-trk LD50:500 mg/kg	JAFCAU 7,689,59
	unk-mam LD50:400 mg/kg	30ZDA9 -,333,71

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AQMOAC #73-19,1973; RREVAH 46,1,73; RREVAH 63,1,76

★ TLV-TWA 10 mg/m3	DTLVS* 4,358,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 15 mg/m3 (SCP-U)	FEREAC 43,57601,78

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 S299

'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TG0700000 PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(3,5,6-TRICHLORO-2-PYRIDYL) ESTER

UPDT:8402 CAS: 5598-13-0 MW: 322.53 MOLFM: C7-H7-Cl3-N-O3-P-S

SYN: CHLORPYRIFOS-METHYL * O,O-DIMETHYL O-(3,5,6-TRICHLORO-2-PYRIDYL)PHOSPHOROTHIOATE * DOWCO 214 * DURSBAN METHYL * ENT 27520 * M 3196 * METHYL CHLORPYRIFOS * METHYL DURSBAN * NOLTRAN * NSC 60380 * OMS-1155 * RELDAN * ZERTELL

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MLD	TXAPA9 21,369,72

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:941 mg/kg	BESAAT 15,123,69
	orl-mus LD50:1122 mg/kg	BESAAT 15,123,69
*	ipr-mus LD50:2325 mg/kg	TXAPA9 65,144,82
	orl-rbt LD50:2000 mg/kg	BESAAT 15,123,69
*	orl-gpg LD50:2250 mg/kg	FMCHA2 -,C56,83

PHOSPHOROTHIOIC ACID, O-(1,3-DIOXO-1H-ISOINDOL-2-YL, O-ETHYL O-(1-METHYLETHYL) ESTER see: TI5250000

TG0715000 PHOSPHOROTHIOIC ACID, S-(DIPHENYLMETHYL) O,O-DIETHYL ESTER

UPDT:8402 CAS: 32636-70-7 MW: 336.41 MOLFM: C17-H21-O3-P-S

SYN: S-(DIPHENYLMETHYL) O,O-DIETHYL PHOSPHOROTHIOATE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:260 mg/kg	KSKZAN 16,18,78

TG0770000 PHOSPHOROTHIOIC ACID, O,O'-(DITHIODI-p-PHENYLENE) O,O,O',O'-TETRAMETHYL ESTER

UPDT:8309 CAS: 3356-57-8 MW: 498.54 MOLFM: C16-H20-O6-P2-S4

SYN: BAY 64995 * BAYER 64995 * O,O'-(DITHIO-4,1-PHENYLENE)BIS(O,O'-(DIMETHYLPHOSPHATE)) * ENT 27,330 * PHOSPHOROTHIOIC ACID, O,O'-(DITHIO-4,1-PHENYLENE) O,O,O',O'-TETRAMETHYL ESTER

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:25 mg/kg	ARSIM* 20,5,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOIC ACID, O,O'-(DITHIO-4,1-PHENYLENE) O,O,O',O'-TETRAMETHYL ESTER see: TG0770000

PHOSPHOROTHIOIC ACID, S-ESTER with 2-((3-AMINOPROPYL)AMINO)ETHANETHIOL, HYDRATE see: TE6493000

PHOSHOROTHIOIC ACID, S-(2-(ETHYLAMINO)-2-OXOETHYL) O,O-DIMETHYL ESTER see: TE0960000

PHOSPHOROTHIOIC ACID, O-(4-((ETHYLAMINO)SULFONYL)PHENYL O,O-DIMETHYL ESTER see: TF6900000

TG1356000 PHOSPHOROTHIOIC ACID, O-ETHYL O-METHYL O-(p-NITROPHENYL) ESTER

UPDT:8408 CAS: 2591-57-3 MW: 245.25 MOLFM: C9-H12-N-O3-P-S

SYN: ETHYLMETHYLTHIOPHOS * METHYLETHYLTHIOFOS * METHYLETHYLTHIOPHOS * PHOSPHOROTHIOIC ACID, O-ETHYL O-METHYL O-(4-NITROPHENYL) ESTER (9CI)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2800 ug/kg	85GMAT -,83,82
*	orl-mus LD50:4200 ug/kg	85GMAT -,83,82
*	orl-cat LD50:5600 ug/kg	85GMAT -,83,82
*	skn-rbt LDLo:200 mg/kg	85GMAT -,83,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOIC ACID, O-ETHYL O-METHYL O-(4-NITROPHENYL) ESTER (9CI) see: TG1356000PHOSPHOROTHIOIC ACID, O-ETHYL O-METHYL O-(p-NITROPHENYL) ESTER

TG1360000 PHOSPHOROTHIOIC ACID, O-ETHYL O-METHYL O-(2,4,5-TRICHLOROPHENYL) ESTER

UPDT:8408 CAS: 2633-54-7 MW: 335.57 MOLFM: C9-H10-Cl3-O3-P-S

SYN: O,O-DIMETHYL 2-ETHYLMERCAPTOETHYL THIOPHOSPHATE * O-METHYL O-ETHYL O-2,4,5-TRICHLOROPHENYL THIOPHOSPHATE * TRICHLORMETAFOS-3 * TRICHLOROMETAPHOS-3 * TRICHLORO-3-METHAPHOS

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:360 mg/kg	HYSAAV 31,18,66
*	orl-rbt LDLo:400 mg/kg	85GMAT -,83,82
2F19J22	orl-ckn LD50:3[illegible]0 mg/kg	TIVSAI 49,167,74
	unk-mam LD50:330 mg/kg	30ZDA9 -,334,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TG1370000 PHOSPHOROTHIOIC ACID, O-ETHYL O-PHENYL S-PROPYL ESTER

UPDT:8306 CAS: 40626-35-5 MW: 260.31 MOLFM: C11-H17-O3-P-S

SYN: HETEROFOS * HETEROPHOS * PHOSTIL

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:295 mg/kg	KSKZAN 16(2),59,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TG1380000 PHOSPHOROTHIOIC ACID, O-ETHYL S-PROPYL O-(2,4,6-TRICHLOROPHENYL) ESTER

UPDT:8309 CAS: 38524-82-2 MW: 363.63 MOLFM: C11-H14-Cl3-O3-P-S

SYN: ENT 29118 * O-ETHYL S-PROPYL O-(2,4,6-TRICHLOROPHENYL)PHOSPHOROTHIOATE * RH 218 * RH-8218 * ROHM & HAAS RH-218

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:200 mg/kg	SPEADM 78-1,35,78
	skn-rat LD50:250 mg/kg	SPEADM 78-1,35,78
	skn-rbt LD50:108 mg/kg	SPEADM 78-1,35,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TG1420000 PHOSPHOROTHIOIC ACID, S-(2-(ETHYLSULFINYL)ETHYL) O,O-DIMETHYL ESTER

UPDT:8402 CAS: 301-12-2 MW: 230.30 MOLFM: C6-H15-O3-P-S2

SYN: BAY 21097 * BAYER 21097 * DEMETON-O-METHYL SULFOXIDE * DEMETON-S-METHYL-SULFOXID (German) * DEMETON-S-METHYL SULFOXIDE * DEMETON-METHYL SULPHOXIDE * O,O-DIMETHYL S-(2-ETHTHIONYLETHYL) PHOSPHOROTHIOATE * DIMETHYL S-(2-ETHTHIONYLETHYL) THIOPHOSPHATE * O,O-DIMETHYL S-(2-(ETHYLSULFINYL)ETHYL) O,O-DIMETHYL ESTER * O,O-DIMETHYL-S-(2-ETHYLSULFINYL-ETHYL)-MONOTHIOFOSFAAT (Dutch) * O,O-DIMETHYL S-(2-ETHYLSULFINYL)ETHYL THIOPHOSPHATE * O,O-DIMETHYL S-ETHYLSULPHINYLETHYL PHOSPHOROTHIOLATE * O,O-DIMETHYL-S-(3-OXO-3-THIA-PENTYL)-MONOTHIOPHOSPHAT (German) * O,O-DIMETIL-S-(2-ETIL-SOLFINIL-ETIL)-MONOTIOFOSFATO (Italian) * ENT 24,964 * ETHANETHIOL, 2-(ETHYLSULFINYL)-, S-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE * S-(2-(ETHYLSULFINYL)ETHYL) O,O-DIMETHYL PHOSPHOROTHIOATE * ISOMETHYLSYSTOX SULFOXIDE * METAISOSYSTOXSULFOXIDE * METASYSTEMOX * METASYSTOX-R * METHYL DEMETON-O-SULFOXIDE * METILMERCAPTOFOSOKSID * OXYDEMETONMETHYL * OXYDEMETON-METILE (Italian) * PHOSPHOROTHIOIC ACID, O,O-DIMETHYL S-(2-(ETHYLSULFINYL)ETHYL) ESTER * R 2170 * THIOPHOSPHATE DE O,O-DIMETHYLE ET DE S-2-ETHYLSULFINYLETHYLE (French)

MUTATION DATA AND REFERENCES:

	mmo-sat 50 ug/plate	MUREAV 124,97,83

mmo-sat 50 ug/plate MUREAV 124,97,83
mmo-esc 30 mmol/L/4H MUREAV 32,133,75
sln-dmg-orl 430 umol/L/2D EXPEAM 30,396,74
mrc-smc 30 mmol/L/5H MUREAV 32,133,75
sce-hmn:lym 20 mg/L MUREAV 124,97,83
mnt-mus-ipr 10 mg/kg MUREAV 124,97,83
sce-ham:lng 40 mg/L ENMUDM 4,621,82

TOXICITY DATA AND REFERENCES:
orl-rat LD50:30 mg/kg AEPPAE 234,352,58
ihl-rat LD50:1500 mg/kg 85DPAN -,-,71/76
skn-rat LD50:100 mg/kg WRPCA2 9,119,70
ipr-rat LD50:20 mg/kg GUCHAZ 6,385,73
ivn-rat LD50:47 mg/kg BIJOAK 67,187,57
unk-rat LD50:65 mg/kg 30ZDA9 -,348,71
orl-mus LD50:30 mg/kg SPEADM 78-1,29,78
ipr-mus LD50:8 mg/kg TXAPA9 4,621,62
orl-gpg LD50:120 mg/kg PCOC** -,721,66
ipr-gpg LD50:30 mg/kg TXAPA9 4,621,62
orl-pgn LD50:15 mg/kg TXAPA9 20,57,71
orl-ckn LD50:80 mg/kg TXAPA9 6,147,64
orl-qal LD50:84 mg/kg TXAPA9 20,57,71
orl-dck LD50:54 mg/kg TXAPA9 20,57,71
orl-bwd LD50:42 mg/kg TXAPA9 20,57,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 63,1,76

STANDARDS & REGULATIONS:
★ EPA:FARM WORKER FIELD REENTRY FEREAC 39,16888,74

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TG1575000 PHOSPHOROTHIOIC ACID, S-(2-(ETHYLSULFINYL)-1-METHYLETHYL) O,O-DIMETHYL ESTER
UPDT:8403 CAS: 2674-91-1 MW: 260.33 MOLFM: C7-H17-O4-P-S2
SYN: S-2-AETHYLSULFINYL-1-METHYL AETHYL-O,O DIMETHYL-MONOTHIOPHOSPHAT (German) * BAY 23655 * BAYER 23655 * O,O-DIMETHYL-S-(ETHYLSULFINYL-(2-ISOPROPYL)) PHOSPHOROTHIOATE * ENT 25,674 * ESP * ESTON * ESTOX * S-2-ETHYL-SULFINYL-1-METHYL-ETHYL-O,O-DIMETHYL-MONOTHIOFOSFAAT (Dutch) * S-2-ETHYL-SULPHINYL-1-METHYL-ETHYL-O,O-DIMETHYL PHOSPHOROTHIOLATE * S-2-ETIL-SULFINIL-1-METIL-ETIL-O,O-DIMETIL-MONOTIOFOSFATO (Italian) * METASYSTOX-S * OXYPHIONFOS * PHOSPHOROTHIOIC ACID, O,O-DIMETHYL S-(ETHYLSULFINYL-(2-ISOPROPYL)) ESTER * S410 * THIOMETAN * THIOPHOSPHATE DE O,O-DIMETHYLE ET DE S-2-(ISOPROPYLSULFINYL)-ETHYLE (French)

MUTATION DATA AND REFERENCES:
mmo-sat 50 mg/plate MUREAV 116,185,83
mma-sat 50 mg/plate MUREAV 116,185,83

TOXICITY DATA AND REFERENCES:
orl-rat LD50:103 mg/kg ARSIM* 20,3,66
skn-rat LD50:1000 mg/kg GUCHAZ 6,215,73
ipr-rat LD50:50 mg/kg GUCHAZ 6,215,73
unk-rat LD50:105 mg/kg 30ZDA9 -,349,71
orl-mus LD50:70 mg/kg ARSIM* 20,3,66
ipr-mus LD50:30 mg/kg TXAPA9 4,621,62
orl-gpg LD50:225 mg/kg TXAPA9 4,621,62
ipr-gpg LD50:100 mg/kg 28ZEAL 5,148,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 63,1,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TG1650000 PHOSPHOROTHIOIC ACID, O-(2-(ETHYLTHIO)ETHYL) O,O-DIMETHYL ESTER
UPDT:8405 CAS: 867-27-6 MW: 230.30 MOLFM: C6-H15-O3-P-S2
SYN: BAY 15203 * DEMETON-O-METHYL * DEMETON-O-METILE (Italian) * O,O-DIMETHYL-O-(2-AETHYLTHIO-AETHYL MONOTHIOPHOSPHAT (German) * O,O-DIMETHYL 2-ETHYLMERCAPTOETHYL THIOPHOSPHATE, THIONO ISOMER * O,O-DIMETHYL-O-(2-ETHYL-THIO-ETHYL)-MONOTHIOFOSFAAT (Dutch) * O,O-DIMETHYL O-ETHYLMERCAPTOETHYL THIOPHOSPHATE * O,O-DIMETHYL O-2-(ETHYLTHIO)ETHYL PHOSPHOROTHIOATE * O,O-DIMETIL-O-(2-ETILTIO-ETIL)-MONOTIOFOSFATO (Italian) * ENT 18,862 * ETHANOL, 2-(ETHYLTHIO)-, O-ESTER WITH O,O-DIMETHYL PHOSPHOROTHIOATE * beta-ETHYLMERCAPTOETHYL DIMETHYL THIONOPHOSPHATE * O-(2-(ETHYLTHIO)ETHYL) O,O-DIMETHYL PHOSPHOROTHIOATE * 2-(ETHYLTHIO)ETHYL DIMETHYL PHOSPHOROTHIONATE * METHYL-DEMETON-O * O-METHYLDEMETON * METHYLMERCAPTOPHOS * METHYLSYSTOX * THIOPHOSPHATE DE O,O-DIMETHYLE ET DE O-2-ETHYLTHIO-ETHYLE (French)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T:34T59T46 ihl-rat TCLo:200 ng/m3/24H (1-22D preg) HYSAAV 36(1),34,71
1T24 ihl-rat TCLo:700 ng/m3/24H (1-22D preg) HYSAAV 36(1),34,71
1T26 ihl-rat TCLo:100 ug/m3/24H (1-22D preg) HYSAAV 36(1),34,71
2T41T73 ihl-rat TCLo:500 ug/m3/24H (1-22D preg) HYSAAV 36(1),34,71

TOXICITY DATA AND REFERENCES:
orl-rat LD50:180 mg/kg GUCHAZ 6,163,73
ivn-rat LD50:216 mg/kg BIJOAK 67,187,57
1Y01 unk-mus LD50:3500 ug/kg PCJOAU 3,508,69

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 46,1,73; MZUZA8 (8),90,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TG1750000 PHOSPHOROTHIOIC ACID, S-(2-(ETHYLTHIO)ETHYL) O,O-DIMETHYL ESTER
UPDT:8309 CAS: 919-86-8 MW: 230.30 MOLFM: C6-H15-O3-P-S2
SYN: BAY 18436 * BAYER 25/154 * DEMETON-S-METHYL * DEMETON-S-METILE (Italian) * O,O-DIMETHYL-S-(2-AETHYLTHIO-AETHYL)-MONOTHIOPHOSPHAT (German) * O,O-DIMETHYL S-(2-ETHTHIOETHYL)PHOSPHOROTHIOATE * DIMETHYL S-(2-ETHTHIOETHYL)THIOPHOSPHATE * O,O-DIMETHYL S-ETHYLMERCAPTOETHYL THIOPHOSPHATE * O,O-DIMETHYL 2-ETHYLMERCAPTOETHYL THIOPHOSPHATE, THIOLO ISOMER * O,O-DIMETHYL-S-(2-ETHYLTHIO-ETHYL)-MONOTHIOFOSFAAT (Dutch) * O,O-DIMETHYL S-(2-(ETHYLTHIO)ETHYL)PHOSPHOROTHIOATE * ISOMETASYSTOX * ISOMETHYLSYSTOX * O,O-DIMETHYL-S-(3-THIA-PENTYL)-MONOTHIOPHOSPHAT (German) * O,O-DIMETIL-S-(2-ETILTIO-ETIL)-MONOTIOFOSFATO (Italian) * DURATOX * ETHANETHIOL, 2-(ETHYLTHIO)-, S-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE * S-(2-(ETHYLTHIO)ETHYL) O,O-DIMETHYL PHOSPHOROTHIOATE * S-(2-(ETHYLTHIO)ETHYL) DIMETHYL PHOSPHOROTHIOLATE * S-(2-(ETHYLTHIO)ETHYL) O,O-DIMETHYL THIOPHOSPHATE * METAISOSEPTOX * METAISOSYSTOX * METASYSTOX FORTE * METASYSTOX (I) * METASYSTOX J * METHYL DEMETON THIOESTER * METHYL ISOSYSTOX * METHYL-MERCAPTOFOS TEOLERY * PHOSPHOROTHIOIC ACID, O,O-DIMETHYL S-(2-(ETHYLTHIO)ETHYL) ESTER * THIOPHOSPHATE DE O,O-DIMETHYLE ET DE S-2-ETHYLTHIO-ETHYLE (French)

MUTATION DATA AND REFERENCES:
mmo-sat 5 uL/plate MUREAV 28,405,75
mmo-esc 5 uL/plate MUREAV 28,405,75
sln-dmg-orl 80 ppm MUREAV 28,405,75

TOXICITY DATA AND REFERENCES:
orl-rat LD50:60 mg/kg PAREAQ 11,636,59
ihl-rat LC50:500 mg/m3/4H 85DPAN -,-,71/76
skn-rat LD50:85 mg/kg PHJOAV 185,361,60
ipr-rat LD50:7500 ug/kg TXAPA9 4,621,62
ivn-rat LDLo:54 mg/kg BCPCA6 6,244,61
orl-gpg LD50:110 mg/kg TXAPA9 4,621,62
ipr-gpg LD50:12500 ug/kg TXAPA9 4,621,62
unk-mam LD50:40 mg/kg 30ZDA9 -,346,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DTTIAF 80(20),485,73; RREVAH 63,1,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TG1760000 PHOSPHOROTHIOIC ACID, O-(2-(ETHYLTHIO)ETHYL) O,O-DIMETHYL ESTER, mixed with PHOSPHOROTHIOIC ACID, S-(2-(ETHYLTHIO)ETHYL) O,O-DIMETHYL ESTER (7:3)
UPDT:8408 CAS: 8022-00-2 MW: 230.30 MOLFM: C6-H15-O3-P-S2
SYN: BAY 15203 * BAYER 21/116 * DEMETON METHYL * DURATOX * ENT 18,862 * S(and O)-2-(ETHYLTHIO)ETHYL O,O-DIMETHYL PHOSPHOROTHIOATE * METASYSTOX * METHYL DEMETON * METHYL-MERCAPTOPHOS * METHYL SYSTOX

TOXICITY DATA AND REFERENCES:
orl-rat LD50:65 mg/kg 31ZOAD 1,125,68
skn-rat LD50:300 mg/kg WRPCA2 9,119,70
* orl-mus LD50:46 mg/kg 85GMAT -,85,82
* orl-cat LDLo:30 mg/kg 85GMAT -,85,82
* ihl-cat LCLo:20 mg/m3/4H 85GMAT -,85,82
* orl-rbt LDLo:150 mg/kg JEENAI 48,139,55
* skn-rbt LDLo:100 mg/kg 85GMAT -,85,82
unk-mam LD50:80 mg/kg 30ZDA9 -,346,71

REVIEW AND REFERENCES:
★ TLV-TWA 500 ug/m3; STEL 1500 ug/m3 (skin) DTLVS* 4,274,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TG2199000 PHOSPHOROTHIOIC ACID, S-((4-HYDROXY-3-METHYL-2,6-DIPHENYL-4-PIPERIDINYL)ETHYNYL) O,O-DIMETHYL ESTER, (2-alpha,3-beta,4-alpha,6-alpha)-
UPDT:8402 CAS: 72973-00-3 MW: 431.52 MOLFM: C22-H26-N-O4-P-S

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:230 mg/kg DANKAS 259,474,81

TG2199100 PHOSPHOROTHIOIC ACID, S-((4-HYDROXY-3-METHYL-2,6-DIPHENYL-4-PIPERIDINYL)ETHYNYL) O,O-DIMETHYL ESTER, (2-alpha,3-beta,4-beta,6-alpha)-
UPDT:8402 CAS: 72973-04-7 MW: 431.52 MOLFM: C22-H26-N-O4-P-S

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:420 mg/kg DANKAS 259,474,81

TG2199200 PHOSPHOROTHIOIC ACID, S-((4-HYDROXY-3-METHYL-2,6-DIPHENYL-4-PIPERIDINYL)ETHYNYL) O,O-DIPROPYL ESTER, (2-alpha,3-beta,4-alpha,6-alpha)-
UPDT:8402 CAS: 72973-02-5 MW: 487.64 MOLFM: C26-H34-N-O4-P-S

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:220 mg/kg DANKAS 259,474,81

TG2199300 PHOSPHOROTHIOIC ACID, S-((4-HYDROXY-3-METHYL-2,6-DIPHENYL-4-PIPERIDINYL)ETHYNYL) O,O-DIPROPYL ESTER, (2-alpha,3-beta,4-beta,6-alpha)-
UPDT:8402 CAS: 72973-05-8 MW: 487.64 MOLFM: C26-H34-N-O4-P-S

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:390 mg/kg DANKAS 259,474,81

TG2220000 PHOSPHOROTHIOIC ACID, O-ISOPROPYL O-METHYL O-(p-NITROPHENYL) ESTER
UPDT:8309 CAS: 13955-12-9 MW: 291.28 MOLFM: C10-H14-N-O5-P-S
SYN: BAY 52553 * BAYER 52553 * ENT 27,248 * L-9/125 * O-METHYL O-(1-METHYLETHYL) O-(4-NITROPHENYL) PHOSPHOROTHIOATE * PHOSPHOROTHIOIC ACID, O-METHYL O-(1-METHYLETHYL) O-(4-NITROPHENYL) ESTER

TOXICITY DATA AND REFERENCES:
orl-rat LD50:5 mg/kg ARSIM* 20,5,66
orl-mus LD50:21 mg/kg JAFCAU 17,243,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TG2300000 PHOSPHOROTHIOIC ACID, O-(3-(ISOPROPYLTHIO)-4-NITROPHENYL) O,O-DIMETHYL ESTER
UPDT:8309 CAS: 19645-42-2 MW: 337.37 MOLFM: C11-H16-N-O5-P-S2
SYN: BAY 69047 * BAYER 69047 * O,O-DIMETHYL O-(3-((1-METHYLETHYL)THIO)-4-NITROPHENYL) PHOSPHOROTHIOATE * ENT 27,326

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1140 mg/kg ARSIM* 20,5,66

PHOSPHOROTHIOIC ACID, O-METHYL O-(1-METHYLETHYL) O-(4-NITROPHENYL) ESTER see: TG2220000

TG2810000 PHOSPHOROTHIOIC ACID, O-METHYL O-p-NITROPHENYL ESTER, S-ANHYDROSULFIDE with O,O-DIMETHYL PHOSPHOROTHIOATE
UPDT:8309 CAS: 63980-97-2 MW: 357.23 MOLFM: C9-H13-N-O8-P2-S
SYN: ENT 25,740 * SD-7053 * SHELL SD-7053 * THIODIPHOSPHORIC ACID((HO)2PO) 2S, O,O,O-TRIMETHYL O-(NITROPHENYL) ESTER * O,O,O-TRIMETHYL O-(4-NITROPHENYL) THIODIPHOSPHATE

TOXICITY DATA AND REFERENCES:
orl-mus LD50:57 mg/kg ARSIM* 20,19,66

TG2920000 PHOSPHOROTHIOIC ACID, O-(p-(METHYLSULFINYL)PHENYL) O,O-DIPROPYL ESTER
UPDT:8309 CAS: 3254-62-4 MW: 336.43 MOLFM: C13-H21-O4-P-S2
SYN: BAYER 29709 * ENT 25,508 * O-(p-METHYLSULFINYLPHENYL)O,O-DIPROPYL PHOSPHOROTHIATE * PHENOL, p-(METHYLSULFINYL)-, O-ESTER with O,O-DIPROPYL PHOSPHOROTHIOATE * S-1809

TOXICITY DATA AND REFERENCES:
orl-rat LD50:50 mg/kg ARSIM* 20,4,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TG2943000 PHOSPHOROTHIOIC ACID, S-2-PYRAZINYLMETHYL ESTER, DISODIUM SALT
UPDT:8403 MW: 250.13 MOLFM: C5-H5-N2-O3-P-S .2Na
SYN: S-2-PYRAZINYLMETHYL DISODIUM PHOSPHOROTHIOATE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg EJMCA5 18,515,83

TG2944000 PHOSPHOROTHIOIC ACID, S-2-PYRIDYLMETHYL ESTER, DISODIUM SALT
UPDT:8403 MW: 249.14 MOLFM: C6-H6-N-O3-P-S .2Na
SYN: S-2-PYRIDYLMETHYL DISODIUM PHOSPHOROTHIOATE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:700 mg/kg EJMCA5 18,515,83

TG2945000 PHOSPHOROTHIOIC ACID, S-2-PYRIDYLMETHYL ESTER, N-OXIDE, DISODIUM SALT
UPDT:8403 MW: 265.14 MOLFM: C6-H6-N-O4-P-S .2Na
SYN: S-2-PYRIDYLMETHYL DISODIUM PHOSPHOROTHIOATE 1-OXIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg EJMCA5 18,515,83

TG2950000 PHOSPHOROTHIOIC ACID, O,O'-(SULFONYLDI-p-PHENYLENE) O,O,O',O'-TETRAMETHYL ESTER
UPDT:8309 CAS: 1174-83-0 MW: 498.48 MOLFM: C16-H20-O8-P2-S3
SYN: AC-43913 * AMERICAN CYANAMID AC 43,913 * AMERICAN CYANAMID CL-43913 * AMERICAN CYANAMID E.I. 43,913 * E.I. 43,913 * ENT 27,161 * PHOSPHOROTHIOIC ACID, O,O'-(SULFONYLDI-1,4-PHENYLENE) O,O,O',O'-TETRAMETHYL ESTER * O,O'-(SULFONYLDI-1,4-PHENYLENE) O,O,O',O'-TETRAMETHYL DIPHOSPHOROTHIOATE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2500 mg/kg ARSIM* 20,1,66
orl-mus LD50:580 mg/kg ARSIM* 20,1,66

PHOSPHOROTHIOIC ACID, O,O'-(SULFONYLDI-1,4-PHENYLENE) O,O,O',O'-TETRAMETHYL ESTER see: TG2950000

PHOSPHOROTHIOIC ACID, O,O'-(THIODI-4,1-PHENYLENE) O,O,O',O'-TETRAMETHYL ESTER see: TF6890000

PHOSPHOROTHIOIC ACID, O,O,O-TRI(2-CHLOROETHYL) ESTER see: TG4025000

TG3675000 PHOSPHOROTHIOIC ACID, 0,0,0-TRIETHYL ESTER
UPDT:8307 CAS: 126-68-1 MW: 198.24 MOLFM: C6-H15-O3-P-S
SYN: O,O,O-TRIETHYLESTER KYSELINY THIOFOSFORECNE (Czech) * TRIETHYL PHOSPHOROTHIOATE * O,O,O-TRIETHYL PHOSPHOROTHIOATE * TRIETHYLTHIOFOSFAT (Czech)
TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:41 ppm/4H 28ZPAK -,207,72
ivn-rat LDLo:250 mg/kg NATUAS 179,154,57

TG3850000 PHOSPHOROTHIOIC ACID, 0,0,0-TRIMETHYL ESTER
UPDT:8307 CAS: 152-18-1 MW: 156.15 MOLFM: C3-H9-O3-P-S
SYN: HC 7900 * 7900-HC * METHYL PHOSPHOROTHIOATE * SD 4741 * O,O,O-TRIMETHYLESTER KYSELINY THIOFOSFORECNE (Czech) * O,O,O-TRIMETHYL PHOSPHOROTHIOATE * TRIMETHYLTHIOFOSFAT (Czech) * TRIMETHYLTHIOPHOSPHATE * O,O,O-TRIMETHYL THIOPHOSPHATE
TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:220 ppm/4H 28ZPAK -,207,72

TG3880000 PHOSPHOROTHIOIC ACID, 0,0,S-TRIMETHYL ESTER
UPDT:8408 CAS: 152-20-5 MW: 156.15 MOLFM: C3-H9-O3-P-S
SYN: DIMETHYLTHIOMETHYLPHOSPHATE * HC7901 * METHYLPHOSPHOROTHIOATE((MeO)2(MeS)PO) * O,O,S-TRIMETHYLPHOSPHOROTHIOATE
TOXICITY DATA AND REFERENCES:
3K12P01U01 orl-rat LD50:15 mg/kg JAFCAU 27,463,79
3E08F23K01 ivn-rat LD50:45 mg/kg DTESD7 8,631,80
3E08F23K01 orl-mus LD50:124 mg/kg DTESD7 8,631,80
3C09E08K01 ipr-mus LD50:51 mg/kg ARTODN 51,221,82
3E08F23K01 ivn-mus LD50:123 mg/kg DTESD7 8,631,80
3K12M30U01 unk-ckn LD50:25 mg/kg JTEHD6 7,481,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHOROTHIOIC ACID, TRIS(2-CHLOROETHYL) ESTER see: TG4025000

TG4025000 PHOSPHOROTHIOIC ACID, 0,0,0-TRIS(2-CHLOROETHYL) ESTER
UPDT:8303 CAS: 10235-09-3 MW: 301.56 MOLFM: C6-H12-Cl3-O3-P-S
SYN: ETHANOL, 2-CHLORO-, PHOSPHOROTHIOATE (3:1) * PHOSPHOROTHIOIC ACID, TRIS(2-CHLOROETHYL) ESTER * PHOSPHOROTHIOIC ACID, O,O,O-TRI(2-CHLOROETHYL) ESTER
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:820 mg/kg AIHAAP 23,95,62
1R10 skn-rbt LD50:1800 mg/kg AIHAAP 23,95,62

PHOSPHOROTHIOIC TRIAMIDE, N,N',N''-TRIETHYLENE- see: SZ2975000

TG4610000 PHOSPHOROTHIOIC TRIAMIDE, N,N',N''-TRIS(2-(2,6-DIOXO-4-METHYL-1,2,3,6-TETRAHYDRO-1- PYRIMIDINYL)ETHYL)-
UPDT:8408 CAS: 84295-08-9 MW: 567.63 MOLFM: C21-H30-N9-O6-P-S
SYN: N,N',N''-TRIS(beta-(6-METHYLURACIL-3)ETHYL)TRIAMIDE of THIOPHOSPHORIC ACID
TOXICITY DATA AND REFERENCES:
2F07J24 ipr-mus LD50:610 mg/kg KHFZAN 16(10),33,82

TG4620000 PHOSPHOROTHIOIC TRIAMIDE, N,N',N''-TRIS(2-(2,6-DIOXO-5-NITRO-1,2,3,6-TETRAHYDRO-1- PYRIMIDINYL)ETHYL)-
UPDT:8408 CAS: 84295-07-8 MW: 660.54 MOLFM: C18-H21-N12-O12-P-S
SYN: N,N',N''-TRIS(beta-(5-NITROURACIL-3)ETHYL)TRIAMIDE of THIOPHOSPHORIC ACID
TOXICITY DATA AND REFERENCES:
2F07J24 ipr-mus LD50:1 gm/kg KHFZAN 16(10),33,82

TG4630000 PHOSPHOROTHIOIC TRIAMIDE, N,N',N''-TRIS(2-(2,6-DIOXO-1,2,3,6-TETRAHYDRO-1-PYRIMIDINYL) ETHYL)-
UPDT:8408 CAS: 84295-06-7 MW: 525.54 MOLFM: C18-H24-N9-O6-P-S
SYN: N,N',N''-TRIS(2-(2,6-DIOXO-1,2,3,6-TETRAHYDRO-1-PYRIMIDINYL)ETHYL)PHOSPHOROTHIOIC TRIAMIDE * N,N',N''-TRIS(beta-(URACIL-3)ETHYL)TRIAMIDE of THIOPHOSPHORIC ACID
TOXICITY DATA AND REFERENCES:
2F07J24 ipr-mus LD50:605 mg/kg KHFZAN 16(10),33,82

PHOSPHOROTHIOIC TRICHLORIDE see: XN2930000
PHOSPHOROTHIOLATE ION see: TE6440000
PHOSPHOROTHIONATE ION see: TE6440000
PHOSPHOROTHIONIC TRICHLORIDE see: XN2930000

TG5250000 PHOSPHOROTRITHIOIC ACID, O-METHYL S,S-DIPROPYL ESTER
UPDT:8310 CAS: 4104-03-4 MW: 244.39 MOLFM: C7-H17-O-P-S3
SYN: ENT 27,184 * O-METHYL S,S-DIPROPYL PHOSPHOROTRITHIOATE * V-C 3-668 * VIRGINIA CAROLINA 3-668
TOXICITY DATA AND REFERENCES:
orl-rat LD50:16 mg/kg ARSIM* 20,26,66
orl-ckn LD50:10 mg/kg TXAPA9 11,49,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TG5425000 PHOSPHOROTRITHIOIC ACID, S,S,S-TRIBUTYL ESTER
UPDT:8408 CAS: 78-48-8 MW: 314.54 MOLFM: C12-H27-O-P-S3
SYN: B-1,776 * BUTIFOS * BUTIPHOS * BUTYL PHOSPHOROTRITHIOATE * CHEMAGRO 1,776 * CHEMAGRO B-1776 * DEF * DEF DEFOLIANT * DE-GREEN * E-Z-OFF D * FOS-FALL 'A' * ORTHO PHOSPHATE DEFOLIANT * S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE * S,S,S-TRIBUTYL TRITHIOPHOSPHATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T12T13 orl-rat TDLo:216 mg/kg (8W pre) MZUZA8 (2),48,80
TOXICITY DATA AND REFERENCES:
orl-rat LD50:150 mg/kg TXAPA9 14,515,69
skn-rat LD50:168 mg/kg WRPCA2 9,119,70
ipr-rat LD50:210 mg/kg 34ZIAG -,199,69
* orl-mus LD50:160 mg/kg OYYAA2 2,76,68
ipr-mus LD50:290 mg/kg 34ZIAG -,199,69
* orl-rbt LD50:242 mg/kg 85GMAT -,44,82
* skn-rbt LD50:97 mg/kg 85GMAT -,44,82
orl-gpg LD50:260 mg/kg 34ZIAG -,199,69
ipr-gpg LD50:150 mg/kg 34ZIAG -,199,69
unk-mam LD50:170 mgkg 30ZDA9 -,376,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MZUZA8 (8),90,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TG5510000 PHOSPHOROTRITHIOIC ACID, S,S,S-TRIMETHYL ESTER
UPDT:8402 CAS: 681-71-0 MW: 188.27 MOLFM: C3-H9-O-P-S3
SYN: S,S,S-TRIMETHYL PHOSPHOROTRITHIOATE
TOXICITY DATA AND REFERENCES:
3C09E08K01 orl-mus LD50:30 mg/kg ARTODN 51,221,82

TG5600000 PHOSPHOROTRITHIOUS ACID, TRIBUTYL ESTER
UPDT:8309 CAS: 150-50-5 MW: 298.54 MOLFM: C12-H27-P-S3
SYN: CHEMAGRO B-1776 * DELEAF DEFOLIANT * EASY OFF-D * FOLEX * MERPHOS * PHOSPHOROTRITHIOUS ACID, S,S,S-TRIBUTYL ESTER * TRIBUTYL PHOSPHOROTRITHIOITE * S,S,S-TRIBUTYL PHOSPHOROTRITHIOITE * S,S,S-TRIBUTYL TRITHIOPHOSPHITE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:910 mg/kg TXAPA9 14,515,69
skn-rat LD50:615 mg/kg WRPCA2 9,119,70
ipr-rat LD50:76 mg/kg PSEBAA 114,509,63
unk-rat LD50:350 mg/kg 30ZDA9 -,308,71

PHOSPHOROTRITHIOUS ACID, S,S,S-TRIBUTYL ESTER see: TG5600000
PHOSPHOROUS ACID see: SZ6475500
PHOSPHOROUS ACID, BERYLLIUM SALT see: DS2975000

TG6150000 PHOSPHOROUS ACID, BIS(2,4-DICHLOROPHENOXYETHYL) ESTER mixed with TRIS(2,4-DICHLORO PHENOXYETHYL)PHOSPHITE
UPDT:8309 CAS: 8005-49-0 MW: 889.36 MOLFM: C24-H21-Cl6-O6-P . C10-H1[illegible] N2-O5
SYN: BIS(2,4-DICHLOROPHENOXYETHYL)PHOSPHITE mixed with TRIS(2,4-DICHLOROPHENOXYETHYL)PHOSPHITE * 2,4-DEP * FALODIN * FALONE * TRIS(2,4-DICHLOROPHENOXYETHYL)PHOSPHITE mixed with BIS(2,4-DICHLOROPHENOXYETHYL)PHOSPHITE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:850 mg/kg FMCHA2 -,C102,83

TG6475000 PHOSPHOROUS ACID, BIS(2-ETHYLHEXYL) ESTER, CADMIUM SALT
UPDT:7901 CAS: 7495-93-4 MW: 723.34 MOLFM: C32-H68-O6-P2 . Cd
SYN: CADMIUM BIS(2-ETHYLHEXYL) PHOSPHITE
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:250 mg/kg CBCCT* 7,790,55
REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 DTLVS* 4,59,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**

TG6720000 PHOSPHOROUS ACID, BUTYL ESTER
UPDT:8407 CAS: 16456-56-7 MW: 138.12 MOLFM: C4-H11-O3-P
SYN: BUTYL PHOSPHITE * MONOBUTYL PHOSPHITE
TOXICITY DATA AND REFERENCES:
1F07 orl-mus LD50:1640 mg/kg AMIHAB 11,487,55
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TG7875000 PHOSPHOROUS ACID, DIETHYL ESTER
UPDT:8307 CAS: 762-04-9 MW: 138.12 MOLFM: C4-H11-O3-P
SYN: DIETHYL PHOSPHITE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5564 mg/kg AIHAAP 30,470,69
* skn-rbt LD50:2165 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

o-PHOSPHOROUS ACID (DOT) see: SZ6475500

TH0875000 PHOSPHOROUS ACID, TRIBUTYL ESTER
UPDT:8407 CAS: 102-85-2 MW: 250.36 MOLFM: C12-H27-O3-P
SYN: TRIBUTYL PHOSPHITE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 26,269,44
eye-rbt 500 mg AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3000 mg/kg JIHTAB 26,269,44
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TH1130000 PHOSPHOROUS ACID, TRIETHYL ESTER
CAS: 122-52-1 MW: 166.18 MOLFM: C6-H15-O3-P
SYN: TRIETHYL PHOSPHITE * TRIETHYL PHOSPHITE (DOT) * UN 2323 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBP 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TH1400000 PHOSPHOROUS ACID, TRIMETHYL ESTER
UPDT:8406 CAS: 121-45-9 MW: 124.09 MOLFM: C3-H9-O3-P
SYN: METHYL PHOSPHITE * TRIMETHOXYPHOSPHINE * TRIMETHYL PHOSPHITE * TRIM[illegible]YL PHOSPHITE (DOT)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T41T43T46 orl-rat TDLo:1640 mg/kg (6-15D preg) TXAPA9 72,119,84
2T53T55 orl-rat TDLo:1640 mg/kg (6-15D preg) TXAPA9 72,119,84
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1640 mg/kg TXAPA9 72,119,84
ipr-mus LD50:4180 mg/kg ENVRAL 9,1,75
skn-rbt LDLo:2200 mg/kg 34ZIAG -,610,69
REVIEW AND REFERENCES:
★ TLV-TWA 2 ppm; STEL 5 ppm (skin) DTLVS* 4,416,80
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBP 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0679-0291
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TH1575000 PHOSPHOROUS ACID, TRIPHENYL ESTER
UPDT:8306 CAS: 101-02-0 MW: 310.30 MOLFM: C18-H15-O3-P
SYN: O,O-DIMETHYL S-(2-(ETHYLSULFINYL)ISOPROPYL) THIOPHOSPHATE * [illegible] * TRIFENOXYFOSFIN (Czech) * TRIFENYLFOSFIT (Czech) * TRIPHENYL PHOSPHITE
IRRITATION DATA AND REFERENCES:
skn-hmn 125 mg/48H SEV AMIHBC 5,311,52
skn-rbt 500 mg SEV AMIHBC 5,311,52
skn-rbt 500 mg/24H MOD 28ZPAK -,205,72
eye-rbt 500 mg/24H MOD 28ZPAK -,205,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1600 mg/kg 14CYAT 2,1918,63
3A30F12G30 ipr-rat LD50:250 mg/kg AMIHBC 5,311,52
scu-rat LDLo:2000 mg/kg JPETAB 49,78,33
3F07F11F17 unk-rat LD50:1490 mg/kg GTPZAB 21(9),55,77
3F07F12F17 orl-mus LD50:1333 mg/kg GTPZAB 17(10),38,73
3F07F12F17 ipr-mus LD50:1167 mg/kg GTPZAB 17(10),38,73
3F07F11F17 unk-mus LD50:1360 mg/kg GTPZAB 21(9),55,77
scu-cat LDLo:300 mg/kg JPETAB 49,78,33
orl-ckn LDLo:1000 mg/kg JPETAB 49,78,33
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0682-0451

PHOSPHOROUS ACID, TRIS(2-CHLOROETHYL ESTER) see: KK2810000
PHOSPHOROUS ACID, TRIS(2-(2,4-DICHLOROPHENOXY)ETHYL ESTER see: KK4950000

TH2010000 PHOSPHOROUS ACID, TRIS(DIPROPYLENE GLYCOL) ESTER
UPDT:8307
SYN: TRIS(DIPROPYLENE GLYCOL)PHOSPHONATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:30 gm/kg AIHAAP 30,470,69
* skn-rbt LD50:16 gm/kg AIHAAP 30,470,69

PHOSPHOROUS ACID, TRIS(2-FLUOROETHYL ESTER) see: KL1925000
PHOSPHOROUS BROMIDE see: TH4460000
PHOSPHOROUS CHLORIDE see: TH3675000

PHOSPHOROUS FLUORIDE see: TH3850000
PHOSPHOROUS OXYBROMIDE see: TH4750000
PHOSPHOROUS PENTACHLORIDE see: TB6125000
PHOSPHOROUS SESQUISULFIDE see: TH4330000
PHOSPHOROUS SULFOCHLORIDE see: XN2930000
PHOSPHOROUS THIOCHLORIDE see: XN2930000
PHOSPHOROUS TRICHLORIDE SULFIDE see: XN2930000
PHOSPHOROUS TRIFLUORIDE see: TH3850000
PHOSPHOROUS (WHITE) see: TH3500000
PHOSPHOROUS YELLOW see: TH3500000
PHOSPHORPENTACHLORID (German) see: TB6125000
PHOSPHORSAEURELOESUNGEN (German) see: TB6300000
PHOSPHORTRICHLORID (German) see: TH3675000

TH3495000 PHOSPHORUS (red)
UPDT:8404 CAS: 7723-14-0 MW: 30.97 MOLFM: P
SYN: PHOSPHORUS, AMORPHOUS, RED (DOT) * UN 1338 (DOT)
TOXICITY DATA AND REFERENCES:
unk-man LDLo:4412 ug/kg 85DCAI 2,73,70
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 257, VOL 4 S334*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TH3500000 PHOSPHORUS (white)
UPDT:8406 CAS: 7723-14-0 MW: 123.88 MOLFM: P4
SYN: BONIDE BLUE DEATH RAT KILLER * COMMON SENSE COCKROACH and RAT PREPARATIONS * FOSFORO BIANCO (Italian) * GELBER PHOSPHOR (German) * PHOSPHORE BLANC (French) * PHOSPHOROUS (WHITE) * PHOSPHOROUS YELLOW * PHOSPHORUS WHITE DRY (DOT) * PHOSPHORUS WHITE, in water (DOT) * PHOSPHORUS, WHITE, MOLTEN (DRY) * PHOSPHORUS YELLOW DRY (DOT) * PHOSPHORUS YELLOW, in water (DOT) * RAT-NIP * TETRAFOSFOR (Dutch) * TETRAPHOSPHOR (German) * UN 1381 (DOT) * UN 2447 (DOT) * WEISS PHOSPHOR (German) * WHITE PHOSPHORUS * YELLOW PHOSPHORUS
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T22T25T26 orl-rat TDLo:11 ug/kg (1-22D preg) ZDKAA8 36(5),87,76
TOXICITY DATA AND REFERENCES:
3K13K12F24 orl-hmn TDLo:16 mg/kg AJMSA9 209,223,44
orl-hmn LDLo:1400 ug/kg PCOC** -,901,66
3F16K12K13 orl-wmn TDLo:2600 ug/kg NEJMAG 232,247,45
3F07F15J30 orl-rat LD50:3030 ug/kg NTIS** AD-B011-150
3F07F15J30 orl-mus LD50:4820 ug/kg NTIS** AD-B011-150
orl-dog LDLo:50 mg/kg 28ZEAL 4,321,69
scu-dog LDLo:2 mg/kg AEXPBL 52,173,1905
scu-rbt LDLo:10 mg/kg AEXPBL 64,274,11
orl-pig LDLo:160 mg/kg 28ZEAL 4,321,69
3F07F12F18 orl-dck LDLo:3 mg/kg JAPMA8 39,151,50
orl-mam LDLo:200 mg/kg 28ZEAL 4,321,69
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: NTIS** AD-778,725
★ TLV-TWA 100 ug/m3; STEL 300 ug/m3 DTLVS* 4,338,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug/m3 (SCP-M) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID AND POISON, dry CFRGBR 49,172.101,82
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID AND POISON CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 257, VOL 4 S334*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORUS, AMORPHOUS, RED (DOT) see: TH3495000

TH3675000 PHOSPHORUS CHLORIDE
UPDT:8404 CAS: 7719-12-2 MW: 137.32 MOLFM: Cl3-P
SYN: CHLORIDE OF PHOSPHORUS (DOT) * FOSFORO(TRICLORURO DI) (Italian) * FOSFORTRICHLORIDE (Dutch) * PHOSPHORE(TRICHLORURE DE) (French) * PHOSPHOROUS CHLORIDE * PHOSPHORTRICHLORID (German) * PHOSPHORUS CHLORIDE (DOT) * PHOSPHORUS TRICHLORIDE * PHOSPHORUS TRICHLORIDE (DOT) * TROJCHLOREK FOSFORU (Polish) * UN 1809 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:550 mg/kg TNICS* 13,104,73
ihl-rat LC50:104 ppm/4H AIHAAP 25,470,64
ihl-gpg LC50:50 ppm/4H AIHAAP 25,470,64
REVIEW AND REFERENCES:
★ TLV-TWA 500 ppb DTLVS* 4,340,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 ppm (SCP-R) FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 305#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORUS CHLORIDE (DOT) see: TH3675000

TH3750000 PHOSPHORUS DICHLORIDEMONOFLUORIDE
UPDT:8209 CAS: 15597-63-4 MW: 120.87 MOLFM: Cl2-F-P
SYN: PHOSPHORUS DICHLOROMONOFLUORIDE * TL 206
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:3100 mg/m3/10M NDRC** NDCrc-132,June,42
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

PHOSPHORUS DICHLOROMONOFLUORIDE see: TH3750000

TH3780000 PHOSPHORUS DIFLUORIDEMONOCHLORIDE
UPDT:8209 CAS: 14335-40-1 MW: 104.42 MOLFM: Cl-F2-P
SYN: PHOSPHORUS MONOCHLORODIFLUORIDE * TL 151
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:3400 mg/m3/10M NDRC** NDCrc-132,May,42
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

TH3850000 PHOSPHORUS FLUORIDE
UPDT:8312 CAS: 7783-55-3 MW: 87.97 MOLFM: F3-P
SYN: PHOSPHOROUS FLUORIDE * TL 75 * PHOSPHOROUS TRIFLUORIDE * PHOSPHORUS TRIFLUORIDE * PHOSPHORUS TRIFLUORIDE (DOT) * TRIFLUOROPHOSPHINE * UN 1955 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:1900 mg/m3/10M NDRC** NDCrc-132,June,42
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ DOT-IMO:POISON A; LABEL:POISON GAS CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TH3870000 PHOSPHORUS HEPTASULFIDE
UPDT:8308 CAS: 12037-82-0 MW: 348.30 MOLFM: P4-S7
SYN: PHOSPHORUS HEPTASULFIDE (DOT) * UN 1339 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82

PHOSPHORUS HEPTASULFIDE (DOT) see: TH3870000
PHOSPHORUS MONOCHLORODIFLUORIDE see: TH3780000

TH3945000 PHOSPHORUS OXIDE
UPDT:8312 CAS: 1314-56-3 MW: 141.94 MOLFM: O5-P2
SYN: DIPHOSPHORUS PENTOXIDE * NA 1807 (DOT) * PHOSPHORIC ANHYDRIDE (DOT) * PHOSPHORUS(V) OXIDE * PHOSPHORUS PENTAOXIDE * PHOSPHORUS PENTOXIDE * PHOSPHORUS PENTOXIDE (DOT) * UN 1807 (DOT)
TOXICITY DATA AND REFERENCES:
3J16J30P01 ihl-rat LC50:1217 mg/m3/1H TOXID9 1,140,81
3J16J30P01 ihl-mus LC50:271 mg/m3/1H TOXID9 1,140,81
3J16J30P01 ihl-rbt LC50:1689 mg/m3/1H TOXID9 1,140,81
3J16J30P01 ihl-gpg LC50:61 mg/m3/1H TOXID9 1,140,81
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORUS(V) OXIDE see: TH3945000
PHOSPHORUS OXYBROMIDE (DOT) see: TH4750000
PHOSPHORUS OXYBROMIDE, molten (DOT) see: TH4750000
PHOSPHORUS OXYBROMIDE, solid (DOT) see: TH4750000
PHOSPHORUS OXYCHLORIDE see: TH4897000
PHOSPHORUS OXYCLORIDE (DOT) see: TH4897000
PHOSPHORUS OXYTRICHLORIDE see: TH4897000

TH3980000 PHOSPHORUS PENTABROMIDE
UPDT:8401 CAS: 7789-69-7 MW: 430.52 MOLFM: Br5-P
SYN: PENTABROMOPHOSPHORANE * PENTABROMOPHOSPHORUS * PHOSPHORIC BROMIDE * PHOSPHORUS PENTABROMIDE (DOT) * UN 2691 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PHOSPHORUS PENTABROMIDE (DOT) see: TH3980000
PHOSPHORUS PENTACHLORIDE see: TB6125000
PHOSPHORUS PENTACHLORIDE, SOLID (DOT) see: TB6125000

TH4070000 PHOSPHORUS PENTAFLUORIDE
CAS: 7647-19-0 MW: 125.97 MOLFM: F5-P
SYN: PHOSPHORUS PENTAFLUORIDE (DOT) * UN 2198 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON A; LABEL:POISON GAS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PHOSPHORUS PENTAFLUORIDE (DOT) see: TH4070000
PHOSPHORUS PENTAOXIDE see: TH3945000
PHOSPHORUS PENTASULFIDE see: TH4375000
PHOSPHORUS PENTASULFIDE (DOT) see: TH4375000
PHOSPHORUS PENTOXIDE see: TH3945000
PHOSPHORUS PENTOXIDE (DOT) see: TH3945000
PHOSPHORUS PERCHLORIDE see: TB6125000
PHOSPHORUS PERSULFIDE see: TH4375000

TH4330000 PHOSPHORUS SESQUISULFIDE
UPDT:8404 CAS: 1314-85-8 MW: 220.06 MOLFM: P4-S3
SYN: PHOSPHOROUS SESQUISULFIDE * PHOSPHORUS SESQUISULFIDE (DOT) * PHOSPHORUS (III) SULFIDE (IV) * SESQUISULFURE DE PHOSPHORE (French) * TETRAPHOSPHORUS TRISULFIDE * TRISULFURATED PHOSPHORUS * UN 1341 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rbt LDLo:100 mg/kg SAPHAO 15,259,1904
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82

PHOSPHORUS SESQUISULFIDE (DOT) see: TH4330000

TH4375000 PHOSPHORUS SULFIDE
UPDT:8406 CAS: 1314-80-3 MW: 222.24 MOLFM: P2-S5
SYN: PENTASULFURE DE PHOSPHORE (French) * PHOSPHORIC SULFIDE * PHOSPHORUS PENTASULFIDE * PHOSPHORUS PENTASULFIDE (DOT) * PHOSPHORUS PERSULFIDE * RCRA WASTE NUMBER U189 * SIRNIK FOSFORECNY (Czech) * SULFUR PHOSPHIDE * THIOPHOSPHORIC ANHYDRIDE * UN 1340 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,16,72
eye-rbt 20 mg/24H SEV 28ZPAK -,16,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:389 mg/kg 28ZPAK -,16,72
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg/m3; STEL 3 mg/m3 DTLVS* 4,340,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg/m3 (SCP-R) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORUS (III) SULFIDE (IV) see: TH4330000

TH4460000 PHOSPHORUS TRIBROMIDE
UPDT:8403 CAS: 7789-60-8 MW: 270.70 MOLFM: Br3-P
SYN: EXTREMA * PHOSPHOROUS BROMIDE * PHOSPHORUS TRIBROMIDE (DOT) * TRIBROMOPHOSPHINE * UN 1808 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PHOSPHORUS TRIBROMIDE (DOT) see: TH4460000
PHOSPHORUS TRICHLORIDE see: TH3675000
PHOSPHORUS TRICHLORIDE (DOT) see: TH3675000
PHOSPHORUS TRIFLUORIDE see: TH3850000
PHOSPHORUS TRIFLUORIDE (DOT) see: TH3850000
PHOSPHORUS TRIHYDRIDE see: SY7525000
PHOSPHORUS TRIHYDROXIDE see: SZ6475500

TH4517000 PHOSPHORUS TRIOXIDE
UPDT:8401 CAS: 1314-24-5 MW: 109.94 MOLFM: O3-P2
SYN: DIPHOSPHORUS TRIOXIDE * PHOSPHORUS TRIOXIDE (DOT) * UN 2578 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83

PHOSPHORUS TRIOXIDE (DOT) see: TH4517000

TH4520000 PHOSPHORUS TRISULFIDE
UPDT:8308 CAS: 12165-69-4 MW: 158.12 MOLFM: P2-S3
SYN: PHOSPHORUS TRISULFIDE (DOT) * UN 1343 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82

PHOSPHORUS TRISULFIDE (DOT) see: TH4520000
PHOSPHORUS WHITE, in water (DOT) see: TH3500000
PHOSPHORUS WHITE DRY (DOT) see: TH3500000
PHOSPHORUS, WHITE, MOLTEN (DRY) see: TH3500000
PHOSPHORUS YELLOW DRY (DOT) see: TH3500000
PHOSPHORUS YELLOW, in water (DOT) see: TH3500000
PHOSPHORWASSERSTOFF (German) see: SY7525000
PHOSPHORYLATED HESPERIDIN see: LK6908000

TH4750000 PHOSPHORYL BROMIDE
UPDT:8312 CAS: 7789-59-5 MW: 286.70 MOLFM: Br3-O-P
SYN: PHOSPHOROUS OXYBROMIDE * PHOSPHORUS OXYBROMIDE (DOT) * PHOSPHORUS OXYBROMIDE, molten (DOT) * PHOSPHORUS OXYBROMIDE, solid (DOT) * PHOSPHORYL TRIBROMIDE * UN 1939 (DOT) * UN 2576 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TH4897000 PHOSPHORYL CHLORIDE
UPDT:8404 CAS: 10025-87-3 MW: 153.32 MOLFM: Cl3-O-P
SYN: PHOSPHORUS OXYCHLORIDE * PHOSPHORUS OXYCLORIDE (DOT) * PHOSPHORUS OXYTRICHLORIDE * PHOSPHORYL CHLORIDE (DOT) * UN 1810 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:380 mg/kg TNICS* 13,104,73
ihl-rat LC50:48 ppm/4H AIHAAP 25,470,64
ihl-gpg LC50:53 ppm/4H AIHAAP 25,470,64
REVIEW AND REFERENCES:
★ TLV-TWA 100 ppb; STEL 500 ppb DTLVS* 4,339,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0278-0078 P;8EHQ-0278-0080 P
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHOSPHORYL CHLORIDE (DOT) see: TH4897000

TH4897500 PHOSPHORYL DICHLORIDEMONOFLUORIDE
UPDT:8209 CAS: 13769-76-1 MW: 136.87 MOLFM: Cl2-F-O-P
SYN: PHOSPHORYL DICHLOROMONOFLUORIDE * TL 191
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:3000 mg/m3/10M NDRC** NDCrc-132,May,42
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

PHOSPHORYL DICHLOROMONOFLUORIDE see: TH4897500
PHOSPHORYL HEXAMETHYLTRIAMIDE see: TD0875000
O-PHOSPHORYL-4-HYDROXY-N,N-DIMETHYLTRYPTAMINE see: NM3150000
PHOSPHORYL TRIBROMIDE see: TH4750000
PHOSPHOSTIGMINE see: TF4550000
PHOSPHOTEX see: UX7350000
PHOSPHOTHION see: WM8400000
PHOSPHOTIDASE C see: SZ6116000
PHOSPHOTOX E see: TE4550000

TH5775000 PHOSPHOTUNGSTIC ACID, SODIUM SALT
UPDT:8405 CAS: 51312-42-6 MW: 3372.46 MOLFM: Na4-O2 O5-P2 O36-W12 18H2-O
SYN: SODIUM PHOSPHOTUNGSTATE * SODIUM TUNGSTOPHOSPHATE * TUNGSTOPHOSPHORIC ACID, SODIUM SALT
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1600 mg/kg HYSAAV 31(8),197,66
orl-mus LD50:700 mg/kg HYSAAV 31(8),197,66
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO TUNGSTEN recm std-air:TWA 1 mg(W)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PHOSPHURE DE MAGNESIUM (French) see: OM4200000
PHOSPHURE DE POTASSIUM (French) see: TT4890000
PHOSPHURE DE SODIUM (French) see: WD6475000
PHOSPHURE DE STRONTIUM (French) see: WL0175000
PHOSPHURE DE ZINC (French) see: ZH4900000
PHOSPHURES D'ALUMIUM (French) see: BD1400000

TH5900000 PHOSTEROL
DEF:Composed of HYDROXYETHYL TETRAALKYLPHOSPHONATE PENTAERYTHRITOL in which n is 1.5 to 2.0(85GMAT -,76,82)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:33300 mg/kg 85GMAT -,76,82

PHOSTEX see: JO1050000
PHOSTIL see: TG1370000
PHOSTOXIN see: BD1400000
PHOSVEL see: TB1720000
PHOSVIN see: ZH4900000
PHOSVIT see: TC0350000

TH6280000 PHOTINIA INTEGRIFOLIA Lindl., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:750 mg/kg IJEBA6 9,91,71

TH6282000 PHOTINIA NOTONIANA W. & A., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

PHOTOBACTERIUM PHOSPHOREUM LIPOPOLYSACCHARIDE see: OJ0895500
PHOTOBILINE see: SM8400000
PHOTODIELDRIN see: PC8600000
PHOTRIN see: XX9470000
PHOTRINE see: XX9470000
PHOXIM see: MD4740000
PHOXIME see: MD4740000
PHOXIN see: MD4740000
PHOZALON see: TD5175000
PHP see: UH1925000
PHPH see: DU8050000
PHRAGMITES KARKA, extract excluding roots see: TH6600000 PHRAGMITES MAXIMA (Forsk.) Blatt.& McC., extract excluding roots

TH6600000 PHRAGMITES MAXIMA (Forsk.) Blatt. & McC., extract excluding roots
DEF:Indian plant belonging to the family GRAMINEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: KILAK, extract * PHRAGMITES KARKA, extract excluding roots
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:375 mg/kg IJEBA6 15,208,77

PHRANGADI EXTRACT (Indian) see: ME2910500
PHRENAZOL see: XF8225000
PHRENAZONE see: XF8225000
PHRILON see: RF5250000
PHS see: WJ5908500
PHT see: BT2450000
PHTALALDEHYDES (French) see: TH6950000
PHTALOPHOS see: QK5775000

TH6950000 PHTHALALDEHYDE
UPDT:8407 CAS: 643-79-8 MW: 134.14 MOLFM: C8-H6-O2
SYN: PHTALALDEHYDES (French)
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:7 mg/kg COREAF 246,851,58
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

p-PHTHALALDEHYDE see: WZ0430000

TH7010000 PHTHALADEHYDIC ACID, 5,6-DIMETHOXY-, 2-(ISONICOTINOYLHYDRAZONE)
UPDT:8406 CAS: 2779-55-7 MW: 329.34 MOLFM: C16-H15-N3-O5
SYN: 2-CARBOXY-3,4-DIMETHOXYBENZAL ISONICOTINOYLHYDRAZONE * 1-(2-CARBOXY-3,4-DIMETHOXYBENZYLIDENE)-2-ISONICOTINOYLHYDRAZINE * 5,6-DIMETHOXYPHTHALALDEHYDIC ACID ISONICOTINOYLHYDRAZONE * 4-PYRIDINECARBOXYLIC ACID ((2-CARBOXY-3,4-DIMETHOXYPHENYL)METHYLENE)HYDRAZIDE * SALIUZID * SALUSIDE * SALUZID * SALUZIDE
TOXICITY DATA AND REFERENCES:
* ivn-gpg LD50:1634 mg/kg MEIEDD 10,983,83

PHTHALAMATE see: TH8500000

TH7060000 PHTHALAMIC ACID, 3-AMINO-N,N-DIETHYL-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 371.96 MOLFM: C18-H29-N3-O3 .Cl-H
SYN: 3-AMINO-N,N-DIETHYLPHTHALAMIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * CO 105
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:500 mg/kg JAPMA8 32,160,43

TH7090000 PHTHALAMIC ACID, N,N-DIETHYL-, 2-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 356.94 MOLFM: C18-H28-N2-O3 .Cl-H
SYN: N,N-DIETHYLPHTHALAMIC ACID 2-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE * EC 100
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:350 mg/kg JAPMA8 32,160,43

TH7126000 PHTHALAMIC ACID, N,N-DIMETHYL-, 2-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 328.88 MOLFM: C16-H24-N2-O3 .Cl-H
SYN: CO 102 * N,N-DIMETHYLPHTHALAMIC ACID 2-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 5% JAPMA8 32,160,43
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:180 mg/kg JAPMA8 32,160,43

TH7127000 PHTHALAMIC ACID, N,N-DIMETHYL-, METHYL ESTER
UPDT:8406 CAS: 26593-43-1 MW: 207.25 MOLFM: C11-H13-N-O3
SYN: CO 101 * N,N-DIMETHYLPHTHALAMIC ACID METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:2000 mg/kg JAPMA8 32,160,43

TH7175000 PHTHALAMIC ACID, N-FLUOREN-2-YL-
UPDT:8401 CAS: 2485-10-1 MW: 329.37 MOLFM: C21-H15-N-O3
SYN: 2-BENZOYLAMIDOFLUORENE-2'-CARBOXYLATE * 2-BENZOYLAMINOFLUORENE-2'-CARBOXYLATE * N-(2-FLUORENYL)PHTHALAMIC ACID * N-FLUORENYL-2-PHTHALIMIC ACID
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:5000 mg/kg/42W-C AICCA6 20,1364,64
3V03J60L60 orl-rat TD :6000 mg/kg/42W-C CNREA8 20,1252,60
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TH7350000 PHTHALAMIC ACID, N-1-NAPHTHYL-
UPDT:8309 CAS: 132-66-1 MW: 291.32 MOLFM: C18-H13-N-O3
SYN: ACP 322 * ALANAP * ALANAP 1 * ALANAPE * ALANAP 10G AT * DYANAP * MOR-CRAN * 2-((1-NAPHTHALENYLAMINO)CARBONYL)BENZOIC ACID * N-1-NAPHTHYLPHTHALAMATE * alpha-NAPHTHYLPHTHALAMIC ACID * N-1-NAPHTHYLPHTHALAMIC ACID * N-1-NAPHTHYL-PHTHALAMIDSAEURE (German) * NAPTALAM * NAPTALAME * NIP-A-THIN * NPA * PA * PEACH-THIN * 6Q8 * SOLO
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8200 mg/kg FMCHA2 -,C8,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TH7351000 PHTHALAMIC ACID, N-1-NAPHTHYL-, MONOSODIUM SALT
UPDT:8309 CAS: 132-67-2 MW: 313.30 MOLFM: C18-H12-N-O3 .Na
SYN: ACP 322 * ALANAP-3 * alpha-NAPHTHYLPHTHALAMIC ACID SODIUM SALT * N-1-NAPHTHYLPHTHALAMIC ACID SODIUM SALT * NAPTALAM SODIUM * NPA * NPA-3 * NPA SODIUM SALT * PHTHALAMIC ACID, N-1-NAPHTHYL-, SODIUM SALT * SODIUM N-1-NAPHTHYLPHTHALAMATE * SODIUM N-1-NAPHTHYLPHTHALAMIC ACID * SODIUM NPA
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1770 mg/kg GUCHAZ 6,372,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PHTHALAMIC ACID, N-1-NAPHTHYL-, SODIUM SALT see: TH7351000
PHTHALAMIDE see: CZ2200000
PHTHALAMODINE see: DB1556000
PHTHALAMUDINE see: DB1556000
5-PHTHALANCARBOXYLIC ACID, 1,3-DIOXO- see: DC2050000
PHTHALANDIONE see: TI3150000
1,3-PHTHALANDIONE see: TI3150000

TH8480000 PHTHALANILIC ACID, 2',3'-DIMETHYL-
UPDT:8408 CAS: 17332-43-3 MW: 269.32 MOLFM: C16-H15-N-O3

SYN: 2,3-DIMETHYL ANILIDE of PHTHALIC ACID * 2',3'-DIMETHYLPHTHALANILIC ACID * MP 14
TOXICITY DATA AND REFERENCES:
2F29Y55 orl-mus LD50:1450 mg/kg USXXAM #3793458

TH8490000 PHTHALANILIC ACID, 2',6'-DIMETHYL-
UPDT:8408 CAS: 19368-18-4 MW: 269.32 MOLFM: C16-H15-N-O3
SYN: BENZOIC ACID, 2-(((2,6-DIMETHYLPHENYL)AMINO)CARBONYL)- (9CI) * 2-(((2,6-DIMETHYLPHENYL)AMINO)CARBONYL)BENZOIC ACID * 2',6'-DIMETHYLPHTHALANILIC ACID * FTAXILIDE * HISTANORM * MP 12 * PHTHALIC 2,6-DIMETHYLANILIDE
TOXICITY DATA AND REFERENCES:
2F29Y55 orl-mus LD50:4500 mg/kg USXXAM #3793458

TH8500000 PHTHALANILIC ACID, 3'-METHYL-
UPDT:8403 CAS: 85-72-3 MW: 255.29 MOLFM: C15-H13-N-O3
SYN: DURASET * DURASET 20W * N-METATOLYL PHTHALAMIC ACID * 2-(((3-METHYLPHENYL)AMINO)CARBONYL)BENZOIC ACID * 3'-METHYLPHTHALANILIC ACID * N-M-T * PHTHALAMATE * N-m-TOLYLPHTHALAMIC ACID * N-meta-TOLYLPHTHALAMIC ACID * TOMASET
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5230 mg/kg FMCHA2 -,C238,83

TH8760000 PHTHALANILIC ACID, 3'-(TRIFLUOROMETHYL)-
UPDT:8408 CAS: 16053-36-4 MW: 309.26 MOLFM: C15-H10-F3-N-O3
SYN: MP 13 * 3-TRIFLUOROMETHYL ANILIDE of PHTHALIC ACID * 3'-(TRIFLUOROMETHYL)PHTHALANILIC ACID
TOXICITY DATA AND REFERENCES:
2F29Y55 orl-mus LD50:950 mg/kg USXXAM #3793458

TH8849440 6-PHTHALAZINECARBOXYLIC ACID, 3,4-DIHYDRO-1-(HYDROXYMETHYL)-5,7-DIMETHYL-4-OXO-, ETHYL ESTER
UPDT:8412 CAS: 56611-65-5 MW: 276.32 MOLFM: C14-H16-N2-O4
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T35T46 orl-rat TDLo:8800 mg/kg (7-17D preg) KSRNAM 16,6365,82
3T47T53T55 orl-rat TDLo:8800 mg/kg (7-17D preg) KSRNAM 16,6365,82
3T75T76T85 orl-rat TDLo:8800 mg/kg (7-17D preg) KSRNAM 16,6365,82
1T21 orl-rat TDLo:8800 mg/kg (MGN) KSRNAM 16,6365,82
3T34T35T46 orl-rbt TDLo:2600 mg/kg (6-18D preg) KSRNAM 16,6389,82
3T47T49T59 orl-rbt TDLo:5200 mg/kg (6-18D preg) KSRNAM 16,6389,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TH8849900 PHTHALAZINE, 1,4-DIHYDRAZINO-
UPDT:8303 CAS: 484-23-1 MW: 190.24 MOLFM: C8-H10-N6
SYN: C 7441 * CASSELLA 532 * DIHYDRALAZIN * DIHYDRALAZINE * DIHYDRALLAZIN * 1,4-DIHYDRAZINONAPHTHALAZINE * DIHYDRAZINOPHTHALAZINE * 1,4-DIHYDRAZINOPHTHALAZINE * HYPOPRESOL * NEPRESOL * NEPRESOLIN * NEPRESSOL * OPHTHAZIN * 1,4-PHTHALAZINEDIONE, 2,3-DIHYDRO-, DIHYDRAZONE (9CI) * TONOLYSIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T47 ivn-wmn TDLo:250 ug/kg (32W preg) OBGNAS 55,519,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TH8850000 PHTHALAZINE, 1,4-DIHYDRAZINO-, HYDROCHLORIDE
UPDT:8307 CAS: 63868-75-7 MW: 226.70 MOLFM: C8-H10-N6 .Cl-H
SYN: C-7441 * DIHYDRALAZINE HYDROCHLORIDE * 1,4-DIHYDRAZINOPHTHALAZINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:350 mg/kg RPOBAR 2,283,70
ipr-rat LD50:270 mg/kg RPOBAR 2,283,70
ivn-rat LD50:167 mg/kg RPOBAR 2,283,70
ipr-mus LD50:290 mg/kg JPETAB 101,368,51
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TH8880000 PHTHALAZINE, 1,4-DIHYRAZINO-, SULFATE (1:1)
UPDT:8302 CAS: 7327-87-9 MW: 288.32 MOLFM: C8-H10-N6 .H2-O4-S
SYN: DIHYDRALAZINE SULFATE * 1,4-DIHYDRAZINOPHTHALAZINE SULFATE
MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/plate SCIEAS 210,329,80
mma-sat 1 mg/plate SCIEAS 210,329,80
dnr-rat:lvr 500 umol/L SCIEAS 210,329,80
dnd-mus-ipr 159 mg/kg ENMUDM 4,605,82
sce-mus-ipr 79500 ug/kg ENMUDM 4,605,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:820 mg/kg RPOBAR 2,284,70
orl-mus LD50:400 mg/kg RPOBAR 2,284,70
ipr-mus LD50:159 mg/kg RPOBAR 2,283,70
scu-mus LD50:223 mg/kg RPOBAR 2,283,70

PHTHALAZINE, 1,2-DIHYDRO-2-METHYL-1-((p-NITROBENZYLIDE)AZINO)- see: CU7379500

TH8890000 PHTHALAZINE, 1-(2-(1,3-DIMETHYL-2-BUTENYLIDENE)HYDRAZINO)-
UPDT:8406 CAS: 36798-79-5 MW: 240.34 MOLFM: C14-H16-N4
SYN: BUDRALAZINE * BUTERAZINE * 1-(2-(1,3-DIMETHYL-2-BUTENYLIDENE)HYDRAZINO)PHTHALAZINE * DJ-1461 * MESITYL OXIDE (1-PHTHALAZINYL)HYDRAZONE * 4-METHYL-3-PENTEN-2-ONE (1-PHTHALAZINYL)HYDRAZONE * 1(2H)-PHTHALAZINONE (1,3-DIMETHYL-2-BUTENYLIDENE)HYDRAZONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T85T86 orl-rat TDLo:55 mg/kg (7-17D preg) OYYAA2 21,321,81
1T46 orl-rat TDLo:1100 mg/kg (7-17D preg) OYYAA2 21,321,81
1T81 orl-rat TDLo:1350 mg/kg (17-22D preg/21D post) OYYAA2 21,331,81
1T31 orl-rbt TDLo:65 mg/kg (6-18D preg) OYYAA2 21,343,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:620 mg/kg TXAPA9 44,431,78
ipr-rat LD50:3570 mg/kg TXAPA9 44,431,78
orl-mus LD50:1820 mg/kg TXAPA9 44,431,78
ipr-mus LD50:4020 mg/kg TXAPA9 44,431,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,4-PHTHALAZINEDIONE, 2,3-DIHYDRO-, DIHYDRAZONE (9CI) see: TH8849900

TH8925000 PHTHALAZINE, 1-HYDRAZINO-
UPDT:8408 CAS: 86-54-4 MW: 160.20 MOLFM: C8-H8-N4
SYN: APRESOLIN * APRESOLINE * APRESSIN * APREZOLIN * BA 5968 * C-5068 * C 5968 * CIBA 5968 * HIDRALAZIN * HIPOFTALIN * HYDRALAZIN * HYDRALAZINE * HYDRALLAZINE * HYDRAZINOPHTHALAZINE * 1-HYDRAZINOPHTHALAZINE * HYPOPHTHALIN * IDRALAZINA (Italian) * 1(2H)-PHTHALAZINONE HYDRAZONE
MUTATION DATA AND REFERENCES:
mmo-sat 500 ug/plate MUREAV 68,79,79
mma-sat 500 ug/plate MUREAV 66,247,79
dnr-esc 200 ug/disc MUREAV 68,79,79
slt-dmg-unk 200 mmol/L/6H MUREAV 120,233,83
dns-rbt:lvr 5 mmol/L PNASA6 79,1269,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T48 unk-wmn TDLo:54 mg/kg (26-39W preg) NEJMAG 303,1235,80
1T76 unk-rat TDLo:330 mg/kg (1-22D preg) ANREAK 193,174,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:90 mg/kg PLRCAT 8,295,76
* ipr-rat LD50:25 mg/kg JPETAB 143,7,64
ivn-rat LD50:34 mg/kg JAPMA8 40,559,51
orl-mus LD50:122 mg/kg PLRCAT 8,295,76
ipr-mus LD50:100 mg/kg JMCMAR 22,671,79
scu-mus LD50:150 mg/kg RPTOAN 31,53,68
3F07G10K13 ivn-dog LDLo:300 mg/kg JAPMA8 40,559,51
* orl-gpg LD50:250 mg/kg BCFAAI 111,480,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: INTEAG 15(1),7,74
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 24,85,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TH9000000 PHTHALAZINE, 1-HYDRAZINO-, MONOHYDROCHLORIDE
UPDT:8408 CAS: 304-20-1 MW: 196.66 MOLFM: C8-H8-N4 .Cl-H
SYN: AISELAZINE * APPRESINUM * APRELAZINE * APRESAZIDE * APRESINE * APRESOLIN * APRESOLINE * APRESOLINE-ESIDRIX * APRESOLINE HCl * APRESOLINE HYDROCHLORIDE * APRESSIN * APRESSOLINE * APREZOLIN * BA 5968 * C-5968 * CIBA 5968 * DRALZINE * HIDRALAZIN * HIPOFTALIN * HYDRALAZINE CHLORIDE * HYDRALAZINE HCl * HYDRALAZINE HYDROCHLORIDE * HYDRALAZINE MONOHYDROCHLORIDE * HYDRALLAZINE HYDROCHLORIDE * HYDRAPRESS * 1-HYDRAZINOPHTHALAZINE HYDROCHLORIDE * 1-HYDRAZINOPHTHALAZINE MONOHYDROCHLORIDE * HYPERAZIN * HYPERAZINE * HYPOPHTHALIN * HYPOS * IPOLINA * LOPRES * LOPRESS * NOR-PRESS 25 * 1(2H)-PHTHALAZINONE, HYDRAZONE HYDROCHLORIDE * 1(2H)-PHTHLAZINONE, HYDRAZONE, MONOHYDROCHLORIDE * PRAPARAT 5968 * ROLAZINE * SERPASIL APRESOLINE No. 2
MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/plate SCIEAS 210,329,80
mma-sat 1 mg/plate SCIEAS 210,329,80
dni-hmn:hla 150 umol/L MUREAV 92,427,82
sce-hmn:lym 100 umol/L MUREAV 77,383,80
dnr-rat:lvr 50 umol/L SCIEAS 210,329,80
dnd-mus-ipr 83 mg/kg ENMUDM 4,605,82
cyt-mus:mmr 20 umol/L/24H-C JTSCDR 5,141,80
sce-mus-ipr 83 mg/kg ENMUDM 4,605,82
cyt-ham:lng 1 mg/L AMONDS 3,253,80
cyt-ham:fbr 7500 ug/L ESKHA5 96,55,78
TUMORIGENIC DATA AND REFERENCES:
3V02J60P62 orl-mus TDLo:2950 mg/kg/78W-C JJIND8 61,1363,78
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:34 mg/kg NIIRDN 6,619,82
* orl-mus LD50:188 mg/kg OYYAA2 3,97,69
ipr-mus LD50:83 mg/kg JPETAB 101,368,51
* scu-mus LD50:73 mg/kg NIIRDN 6,619,82
* ivn-mus LD50:84 mg/kg OYYAA2 3,97,69
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 24,85,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TH9200000 1(2H)-PHTHALAZINONE, 4-BENZYL-2-(2-(DIMETHYLAMINO)ETHYL)-, HYDROCHLORIDE
UPDT:8403 CAS: 16188-76-4 MW: 343.89 MOLFM: C19-H21-N3-O .Cl-H
SYN: AHANON * 4-BENZYL-2-(2-(DIMETHYLAMINO)ETHYL)-1(2H)-PHTHALAZINONE HYDROCHLORIDE * NL 2186 * TALASTINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:116 mg/kg MEIEDD 10,1298,83

TH9203600 1(2H)-PHTHALAZINONE, 4-CHLORO-, DIETHYLHYDRAZONE
UPDT:8407 CAS: 64640-75-1 MW: 250.76 MOLFM: C12-H15-Cl-N4
SYN: 4-CHLORO-1(2H)-PHTHALAZINONE DIETHYLHYDRAZONE
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:3 gm/kg KHFZAN 11(7),37,77

TH9203700 1(2H)-PHTHALAZINONE, 4-CHLORO-, (2-NITROPHENYL)HYDRAZONE
UPDT:8402 CAS: 64640-66-0 MW: 315.74 MOLFM: C14-H10-Cl-N5-O2
SYN: 4-CHLORO-1(2H)-PHTHALAZINONE (2-NITROPHENYL)HYDRAZONE
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:2700 mg/kg KHFZAN 11(7),37,77

1(2H)-PHTHALAZINONE (1,3-DIMETHYL-2-BUTENYLIDENE)HYDRAZONE see: TH8890000
1(2H)-PHTHALAZINONE HYDRAZONE see: TH8925000
1(2H)-PHTHALAZINONE, HYDRAZONE HYDROCHLORIDE see: TH9000000
1(2H)-PHTHLAZINONE, HYDRAZONE, MONOHYDROCHLORIDE see: TH9000000

TH9208000 1(2H)-PHTHALAZINONE, 4-(1-METHYL-2-PIPERIDINYL)-, MONOHYDROCHLORIDE
UPDT:8408 CAS: 80604-83-7 MW: 279.80 MOLFM: C14-H17-N3-O .Cl-H
SYN: COMPOUND 78-788 * 4-(1-METHYL-2-PIPERIDINYL)-1(2H)-PHTHALAZINONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F17J26 ipr-mus LD50:8250 ug/kg IJEBA6 19,1195,81

TH9625000 PHTHALIC ACID
UPDT:8305 CAS: 88-99-3 MW: 166.14 MOLFM: C8-H6-O4
SYN: ACIDE PHTALIQUE (French) * BENZENE-1,2-DICARBOXYLIC ACID * o-BENZENEDICARBOXYLIC ACID * 1,2-BENZENEDICARBOXYLIC ACID * o-DICARBOXYBENZENE * O-PHTHALIC ACID
TOXICITY DATA AND REFERENCES:
orl-rat LD50:7900 mg/kg JIHTAB 27,130,45
3F17F23J24 ipr-mus LD50:550 mg/kg PSEBAA 49,471,42
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BPCT** -,183,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

m-PHTHALIC ACID see: NT2007000
O-PHTHALIC ACID see: TH9625000

TH9711000 PHTHALIC ACID, 4-AMINO-, 1-sec-BUTYL 2-(2-(DIETHYLAMINO)ETHYL) ESTER
UPDT:8406 MW: 336.48 MOLFM: C18-H28-N2-O4
SYN: 4-AMINOPHTHALIC ACID 1-sec-BUTYL 2-(2-(DIETHYLAMINO)ETHYL) ESTER * EC 109
IRRITATION DATA AND REFERENCES:
eye-rbt 2500 ppm JAPMA8 32,160,43
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:100 mg/kg JAPMA8 32,160,43

TH9712000 PHTHALIC ACID, 3-AMINO-, 1-sec-BUTYL 2-(2-(DIETHYLAMINO)ETHYL) ESTER, CITRATE
UPDT:8406 MW: 528.62 MOLFM: C18-H28-N2-O4 .C6-H8-O7
SYN: 3-AMINOPHTHALIC ACID 1-sec-BUTYL 2-(2-(DIETHYLAMINO)ETHYL) ESTER CITRATE * CO 126
IRRITATION DATA AND REFERENCES:
eye-rbt 2500 ppm JAPMA8 32,160,43
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:180 mg/kg JAPMA8 32,160,43

TH9713000 PHTHALIC ACID, 4-AMINO-, 1-BUTYL 2-(2-(DIETHYLAMINO)ETHYL) ESTER, CITRATE
UPDT:8406 MW: 528.62 MOLFM: C18-H28-N2-O4 .C6-H8-O7
SYN: 4-AMINOPHTHALIC ACID 1-BUTYL 2-(2-(DIETHYLAMINO)ETHYL) ESTER CITRATE * EC 110
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:120 mg/kg JAPMA8 32,160,43

TH9714000 PHTHALIC ACID, 3-AMINO-, 1-BUTYL 2-(2-(DIETHYLAMINO)ETHYL) ESTER, HYDROBROMIDE
UPDT:8406 MW: 417.40 MOLFM: C18-H28-N2-O4 .Br-H
SYN: 3-AMINOPHTHALIC ACID 1-BUTYL 2-(2-(DIETHYLAMINO)ETHYL) ESTER HYDROBROMIDE * CO 127
IRRITATION DATA AND REFERENCES:
eye-rbt 1000 ppm JAPMA8 32,160,43

TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:120 mg/kg JAPMA8 32,160,43

TH9715000 PHTHALIC ACID, 3-AMINO-, 2-sec-BUTYL 1-(2-(DIETHYLAMINO)ETHYL) ESTER, HYDROBROMIDE
UPDT:8406 MW: 417.40 MOLFM: C18-H28-N2-O4 Br-H
SYN: 3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-sec-BUTYL ESTER HYDROBROMIDE * CO 117
IRRITATION DATA AND REFERENCES:
eye-rbt 5000 ppm JAPMA8 32,160,43
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:200 mg/kg JAPMA8 32,160,43

TH9716000 PHTHALIC ACID, 3-AMINO-, 2-BUTYL 1-(2-(DIETHYLAMINO)ETHYL) ESTER, HYDROCHLORIDE
UPDT:8406 MW: 372.94 MOLFM: C18-H28-N2-O4 Cl-H
SYN: 3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-BUTYL ESTER HYDROCHLORIDE * CO 107
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:150 mg/kg JAPMA8 32,160,43

TH9717000 PHTHALIC ACID, 3-AMINO-, 1-(3-(DIBUTYLAMINO)PROPYL) 2-PROPYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 429.06 MOLFM: C22-H36-N2-O4 Cl-H
SYN: 3-AMINOPHTHALIC ACID 1-(3-(DIBUTYLAMINO)PROPYL) 2-PROPYL ESTER HYDROCHLORIDE * CO 116
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:150 mg/kg JAPMA8 32,160,43

TH9718000 PHTHALIC ACID, 3-AMINO-, 1-(2-(DIETHYLAMINO)ETHYL) 2-DODECYL ESTER, CITRATE
UPDT:8406 MW: 640.86 MOLFM: C26-H44-N2-O4 C6-H8-O7
SYN: 3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-DODECYL ESTER CITRATE * CO 120
IRRITATION DATA AND REFERENCES:
eye-rbt 1% JAPMA8 32,160,43
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:150 mg/kg JAPMA8 32,160,43

TH9719000 PHTHALIC ACID, 3-AMINO-, 1-(2-(DIETHYLAMINO)ETHYL) 2-ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 344.88 MOLFM: C16-H24-N2-O4 Cl-H
SYN: 3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-ETHYL ESTER HYDROCHLORIDE * CO 103
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:300 mg/kg JAPMA8 32,160,43

TH9720000 PHTHALIC ACID, 3-AMINO-, 2-(2-(DIETHYLAMINO)ETHYL) 1-ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 344.88 MOLFM: C16-H24-N2-O4 Cl-H
SYN: 3-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-ETHYL ESTER HYDROCHLORIDE * CO 115
IRRITATION DATA AND REFERENCES:
eye-rbt 1% JAPMA8 32,160,43
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:150 mg/kg JAPMA8 32,160,43

TH9721000 PHTHALIC ACID, 4-AMINO-, 2-(2-(DIETHYLAMINO)ETHYL) 1-ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 344.88 MOLFM: C16-H24-N2-O4 Cl-H
SYN: 4-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-ETHYL ESTER HYDROCHLORIDE * EC 112
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:250 ug/kg JAPMA8 32,160,43

TH9722000 PHTHALIC ACID, 3-AMINO-, 2-(2-(DIETHYLAMINO)ETHYL) 1-HEXYL ESTER, CITRATE
UPDT:8406 MW: 556.68 MOLFM: C20-H32-N2-O4 C6-H8-O7
SYN: 3-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-HEXYL ESTER CITRATE * CO 129
IRRITATION DATA AND REFERENCES:
eye-rbt 2500 ppm JAPMA8 32,160,43
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:180 mg/kg JAPMA8 32,160,43

TH9723000 PHTHALIC ACID, 3-AMINO-, 1-(2-(DIETHYLAMINO)ETHYL) 2-HEXYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 401.00 MOLFM: C20-H32-N2-O4 Cl-H
SYN: 3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-HEXYL ESTER HYDROCHLORIDE * CO 118
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:100 mg/kg JAPMA8 32,160,43

TH9724000 PHTHALIC ACID, 4-AMINO-, 2-(2-(DIETHYLAMINO)ETHYL) 1-ISOBUTYL ESTER, CITRATE
UPDT:8406 MW: 528.62 MOLFM: C18-H28-N2-O4 C6-H8-O7
SYN: 4-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-ISOBUTYL ESTER CITRATE * EC 108
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:150 mg/kg JAPMA8 32,160,43

TH9725000 PHTHALIC ACID, 3-AMINO-, 2-(2-(DIETHYLAMINO)ETHYL) 1-ISOBUTYL ESTER, HYDROBROMIDE
UPDT:8406 MW: 417.40 MOLFM: C18-H28-N2-O4 Br-H
SYN: 3-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-ISOBUTYL ESTER HYDROBROMIDE * CO 121
IRRITATION DATA AND REFERENCES:
eye-rbt 2500 ppm JAPMA8 32,160,43
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:120 mg/kg JAPMA8 32,160,43

TH9726000 PHTHALIC ACID, 3-AMINO-, 1-(2-(DIETHYLAMINO)ETHYL) 2-ISOBUTYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 372.94 MOLFM: C18-H28-N2-O4 Cl-H
SYN: 3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-ISOBUTYL ESTER HYDROCHLORIDE * ANTHRANILIC ACID, 6-CARBOXY-, 1-ISOBUTYL 6-(2-(DIETHYLAMINO)ETHYL) ESTER, HYDROCHLORIDE * 6-CARBOXYANTHRANILIC ACID 1-ISOBUTYL 6-(2-(DIETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE * CO 108
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:150 mg/kg JAPMA8 32,160,43

TH9727000 PHTHALIC ACID, 3-AMINO-, 2-(2-(DIETHYLAMINO)ETHYL) 1-ISOPROPYL ESTER, CITRATE
UPDT:8406 MW: 514.59 MOLFM: C17-H26-N2-O4 C6-H8-O7
SYN: 3-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-ISOPROPYL ESTER CITRATE * CO 125
IRRITATION DATA AND REFERENCES:
eye-rbt 5000 ppm JAPMA8 32,160,43
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:200 mg/kg JAPMA8 32,160,43

TH9728000 PHTHALIC ACID, 4-AMINO-, 2-(2-(DIETHYLAMINO)ETHYL) 1-ISOPROPYL ESTER, CITRATE
UPDT:8406 MW: 514.59 MOLFM: C17-H26-N2-O4 C6-H8-O7
SYN: 4-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-ISOPROPYL ESTER CITRATE * EC 107
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:150 mg/kg JAPMA8 32,160,43

TH9729000 PHTHALIC ACID, 3-AMINO-, 1-(2-(DIETHYLAMINO)ETHYL) 2-ISOPROPYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 358.91 MOLFM: C17-H26-N2-O4 Cl-H
SYN: 3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-ISOPROPYL ESTER HYDROCHLORIDE * ANTHRANILIC ACID, 6-CARBOXY-, 1-ISOPROPYL 6-(2-(DIETHYLAMINO)ETHYL) ESTER, HYDROCHLORIDE * 6-CARBOXYANTHRANILIC ACID 1-ISOPROPYL 6-(2-(DIETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE * CO 109
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:150 mg/kg JAPMA8 32,160,43

TH9730000 PHTHALIC ACID, 3-AMINO-, 1-(2-(DIETHYLAMINO)ETHYL) 2-METHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 330.85 MOLFM: C15-H22-N2-O4 Cl-H
SYN: 3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-METHYL ESTER HYDROCHLORIDE * ANTHRANILIC ACID, 6-CARBOXY-, 1-METHYL 6-(2-(DIETHYLAMINO)ETHYL) ESTER, HYDROCHLORIDE * 6-CARBOXYANTHRANILIC ACID 1-METHYL 6-(2-(DIETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE * CO 104
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:500 mg/kg JAPMA8 32,160,43

TH9731000 PHTHALIC ACID, 3-AMINO-, 2-(2-(DIETHYLAMINO)ETHYL) 1-METHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 330.85 MOLFM: C15-H22-N2-O4 Cl-H
SYN: 3-AMINOPHTHALIC ACID 1-METHYL 2-(2-(DIETHYLAMINO)ETHYL) ESTER HYDROCHLORIDE * CO 111
IRRITATION DATA AND REFERENCES:
eye-rbt 4% JAPMA8 32,160,43
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:200 mg/kg JAPMA8 32,160,43

TH9732000 PHTHALIC ACID, 4-AMINO-, 2-(2-(DIETHYLAMINO)ETHYL) 1-METHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 330.85 MOLFM: C15-H22-N2-O4 Cl-H
SYN: 4-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-METHYL ESTER HYDROCHLORIDE * EC 111
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:450 mg/kg JAPMA8 32,160,43

TH9733000 PHTHALIC ACID, 3-AMINO-, 1-(2-(DIETHYLAMINO)ETHYL) 2-OCTADECYL ESTER
UPDT:8406 MW: 532.90 MOLFM: C32-H56-N2-O4
SYN: 3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-OCTADECYL ESTER * CO 119
IRRITATION DATA AND REFERENCES:
eye-rbt 2500 ppm JAPMA8 32,160,43
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:250 mg/kg JAPMA8 32,160,43

TH9734000 PHTHALIC ACID, 3-AMINO-, 2-(2-(DIETHYLAMINO)ETHYL) 1-PENTYL ESTER, CITRATE
UPDT:8406 MW: 542.65 MOLFM: C19-H30-N2-O4 C6-H8-O7
SYN: 3-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-PENTYL ESTER CITRATE * CO 128
IRRITATION DATA AND REFERENCES:
eye-rbt 5000 ppm JAPMA8 32,160,43
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:150 mg/kg JAPMA8 32,160,43

TH9735000 PHTHALIC ACID, 3-AMINO-, 1-(2-(DIETHYLAMINO)ETHYL) 2-PENTYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 386.97 MOLFM: C19-H30-N2-O4 Cl-H
SYN: 3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-PENTYL ESTER HYDROCHLORIDE * CO 114
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:100 mg/kg JAPMA8 32,160,43

TH9736000 PHTHALIC ACID, 3-AMINO-, 2-(2-(DIETHYLAMINO)ETHYL) 1-PROPYL ESTER, HYDROBROMIDE
UPDT:8406 MW: 403.37 MOLFM: C17-H26-N2-O4 Br-H
SYN: 3-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-PROPYL ESTER HYDROBROMIDE * CO 122
IRRITATION DATA AND REFERENCES:
eye-rbt 2500 ppm JAPMA8 32,160,43
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:120 mg/kg JAPMA8 32,160,43

TH9737000 PHTHALIC ACID, 4-AMINO-, 2-(2-(DIETHYLAMINO)ETHYL) 1-PROPYL ESTER, HYDROBROMIDE
UPDT:8406 MW: 403.37 MOLFM: C17-H26-N2-O4 Br-H
SYN: 4-AMINOPHTHALIC ACID 2-(2-(DIETHYLAMINO)ETHYL) 1-PROPYL ESTER HYDROBROMIDE * EC 104
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:120 mg/kg JAPMA8 32,160,43

TH9738000 PHTHALIC ACID, 3-AMINO-, 1-(2-(DIETHYLAMINO)ETHYL) 2-PROPYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 358.91 MOLFM: C17-H26-N2-O4 Cl-H
SYN: 3-AMINOPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-PROPYL ESTER HYDROCHLORIDE * ANTHRANILIC ACID, 6-CARBOXY-, 1-PROPYL 6-(2-(DIETHYLAMINO)ETHYL) ESTER, HYDROCHLORIDE * 6-CARBOXYANTHRANILIC ACID 1-PROPYL 6-(2-(DIETHYLAMINO)ETHYL)ESTER HYDROCHLORIDE * CO 110
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:250 mg/kg JAPMA8 32,160,43

TH9739000 PHTHALIC ACID, 3-AMINO-, 1-(2,2-DIMETHYL-3-(DIMETHYLAMINO)PROPYL) 2-PROPYL ESTER, HYDROBROMIDE
UPDT:8406 MW: 417.40 MOLFM: C18-H28-N2-O4 Br-H
SYN: 3-AMINOPHTHALIC ACID 1-(2,2-DIMETHYL-3-(DIMETHYLAMINO)PROPYL) 2-PROPYL ESTER HYDROBROMIDE * CO 123
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:100 mg/kg JAPMA8 32,160,43

TH9740000 PHTHALIC ACID, 3-AMINO-, 2-(2,2-DIMETHYL-3-(DIMETHYLAMINO)PROPYL) 1-PROPYL ESTER, HYDROBROMIDE
UPDT:8406 MW: 417.40 MOLFM: C18-H28-N2-O4 Br-H
SYN: 3-AMINOPHTHALIC ACID 2-(2,2-DIMETHYL-3-(DIMETHYLAMINO)PROPYL) 1-PROPYL ESTER HYDROBROMIDE * CO 124
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:200 mg/kg JAPMA8 32,160,43

TH9741000 PHTHALIC ACID, 4-AMINO-, 2-(2-(DIPROPYLAMINO)ETHYL) 1-ETHYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 372.94 MOLFM: C18-H28-N2-O4 Cl-H
SYN: 4-AMINOPHTHALIC ACID 2-(2-(DIPROPYLAMINO)ETHYL) 1-ETHYL ESTER HYDROCHLORIDE * EC 113
IRRITATION DATA AND REFERENCES:
eye-rbt 1% JAPMA8 32,160,43
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:300 mg/kg JAPMA8 32,160,43

TH9780000 PHTHALIC ACID, 4-AMINO-, 1-ETHYL 2-(2-MORPHOLINOETHYL) ESTER, HYDROCHLORIDE
UPDT:8406 MW: 358.86 MOLFM: C16-H22-N2-O5 Cl-H
SYN: 4-AMINOPHTHALIC ACID 1-ETHYL 2-(2-MORPHOLINOETHYL) ESTER HYDROCHLORIDE * EC 115
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:800 mg/kg JAPMA8 32,160,43

TH9790000 PHTHALIC ACID, 4-AMINO-, 1-ETHYL 2-(2-PIPERIDINOETHYL) ESTER, HYDROCHLORIDE
UPDT:8406 MW: 356.89 MOLFM: C17-H24-N2-O4 Cl-H
SYN: 4-AMINOPHTHALIC ACID 1-ETHYL 2-(2-PIPERIDINOETHYL) ESTER HYDROCHLORIDE * EC 114
IRRITATION DATA AND REFERENCES:
eye-rbt 1% JAPMA8 32,160,43
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:200 mg/kg JAPMA8 32,160,43

PHTHALIC ACID ANHYDRIDE see: TI3150000

TH9990000 PHTHALIC ACID, BENZYL BUTYL ESTER
UPDT:8412 CAS: 85-68-7 MW: 312.39 MOLFM: C19-H20-O4
SYN: BBP * 1,2-BENZENEDICARBOXYLIC ACID, BUTYL PHENYLMETHYL ESTER * BENZYL BUTYL PHTHALATE * BENZYL n-BUTYL PHTHALATE * BUTYL BENZYL PHTHALATE * n-BUTYL BENZYL PHTHALATE * BUTYL PHENYLMETHYL 1,2-BENZENEDICARBOXYLATE * NCI-C54375 * PALATINOL BB * SANTICIZER 160 * SICOL 160 * UNIMOLL BB
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:21 gm/kg (14D male) TOXID9 4,136,84

TUMORIGENIC DATA AND REFERENCES:

3V01P61P62	orl-rat TDLo:433 gm/kg/2Y-C	NT?TR* NTP-TR-213,82)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2330 mg/kg	IARC** 29,193,82
*	orl-mus LD50:4170 mg/kg	IARC** 29,193,82
	ipr-mus LD50:3160 mg/kg	EVHPAZ 4,3,73
3F07F31U01	orl-gpg LD50:13750 mg/kg	GTPZAB 24(3),25,80
3F07F31U01	ihl-mam LC50:13100 mg/m3	GTPZAB 24(3),25,80

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 29,193,82

STATUS:

★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:RAT (NTPTR* NTP-TR-213,82)

★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NTPTR* NTP-TR-213,82)

NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TI0175000 PHTHALIC ACID, BIS(2-BUTOXYETHYL) ESTER

UPDT:8307 CAS: 117-83-9 MW: 366.50 MOLFM: C20-H30-O6

SYN: BIS(2-BUTOXYETHYL)PHTHALATE * beta-BUTOXYETHYL PHTHALATE * BUTYL 'CELLOSOLVE' PHTHALATE * BUTYL GLYCOL PHTHALATE * DI(BUTOXYETHYL)PHTHALATE * DIBUTYL CELLOSOLVE PHTHALATE * DIBUTYLGLYCOL PHTHALATE * ETHANOL, 2-BUTOXY-, PHTHALATE (2:1) * KESSCOFLEX * KRONISOL

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:8380 mg/kg	JIHTAB 30,63,48
	orl-gpg LDLo:6000 mg/kg	29ZWAE -,336,68

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

TI0180000 PHTHALIC ACID, BIS(3-CARBOXY-4-HYDROXYPHENYL) ESTER, DISODIUM SALT

UPDT:8405 MW: 482.32 MOLFM: C22-H12-O10 2Na

SYN: 5,5'-DIGENTISYL PHTHALATE SODIUM SALT

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:715 mg/kg	JAPMA8 43,334,54

TI0190000 PHTHALIC ACID, BIS(2-DIETHYLAMINOETHYL) ESTER, HYDROCHLORIDE

UPDT:8408 MW: 401.00 MOLFM: C20-H32-N2-O4 .Cl-H

SYN: BIS(2-DIETHYLAMINOETHYL)PHTHALATE HYDROCHLORIDE * CO 106

TOXICITY DATA AND REFERENCES:

*	ipr-mus LDLo:700 mg/kg	JAPMA8 32,160,43

TI0350000 PHTHALIC ACID, BIS(2-ETHYLHEXYL) ESTER

UPDT:8412 CAS: 117-81-7 MW: 390.62 MOLFM: C24-H38-O4

SYN: BEHP * 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER * BIS(2-ETHYLHEXYL)-1,2-BENZENEDICARBOXYLATE * BIS(2-ETHYLHEXYL)PHTHALATE * BISOFLEX 81 * BISOFLEX DOP * COMPOUND 889 * DAF 68 * DEHP * DI(2-ETHYLHEXYL)ORTHOPHTHALATE * DI(2-ETHYLHEXYL)PHTHALATE * DIOCTYL PHTHALATE * DI-sec-OCTYL PHTHALATE * DOP * ERGOPLAST FDO * ETHYLHEXYL PHTHALATE * 2-ETHYLHEXYL PHTHALATE * EVIPLAST 80 * EVIPLAST 81 * FlEXIMEL * FLEXOL DOP * FLEXOL PLASTICIZER DOP * GOOD-RITE GP 264 * HATCOL DOP * HERCOFLEX 260 * KODAFLEX DOP * MOLLAN O * NCI-C52733 * NUOPLAZ DOP * OCTOIL * OCTYL PHTHALATE * PALATINOL AH * PHTHALIC ACID DIOCTYL ESTER * PITTSBURGH PX-138 * PLATINOL AH * PLATINOL DOP * RC PLASTICIZER DOP * RCRA WASTE NUMBER U028 * REOMOL DOP * REOMOL D 79P * SICOL 150 * STAFLEX DOP * TRUFLEX DOP * VESTINOL AH * VINICIZER 80 * WITCIZER 312

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MLD	28ZPAK -,48,72
	eye-rbt 500 mg	AJOPAA 29,1363,46
	eye-rbt 500 mg/24H MLD	28ZPAK -,48,72

MUTATION DATA AND REFERENCES:

	mma-sat 5 mg/plate	EVHPAZ 45,119,82
	cyt-hmn:leu 6 mg/L	JPMSAE 65,1648,76
	dlt-mus-ipr 12780 mg/kg	TXAPA9 29,35,74
	dlt-mus-scu 3 gm/kg/10D-I	EVHPAZ 45,115,82
	otr-ham-orl 750 mg/kg	EVHPAZ 45,119,82
	cyt-ham-orl 7500 mg/kg	EVHPAZ 45,119,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	orl-rat TDLo:7140 mg/kg (1-21D preg)	TXAPA9 26,253,73
1T12	orl-rat TDLo:35 mg/kg (14D pre)	FCTXAV 15,389,77
1T02	orl-rat TDLo:8400 mg/kg (7D male)	TXAPA9 53,35,80
1T25	orl-rat TDLo:17200 mg/kg (MGN)	NEZAAQ 31,507,76
2T26T34	orl-rat TDLo:43 gm/kg (MGN)	NEZAAQ 31,507,76
1T24	ipr-rat TDLo:6 gm/kg (3-9D preg)	JDSCAE 55,696,72
3T25T42T59	ipr-rat TDLo:10 gm/kg (5-15D preg)	JPMSAE 61,51,72
1T34	ipr-rat TDLo:5 gm/kg (5-15D preg)	JPMSAE 61,51,72
1T09	ipr-rat TDLo:1 gm/kg (10D male)	TXAPA9 62,121,82
2T16T24	ipr-rat TDLo:6 gm/kg (3-9D preg)	EVHPAZ 3,91,73
2T02T09	orl-mus TDLo:16800 mg/kg (7D male)	TOLED5 5,413,80
1T34	orl-mus TDLo:50 mg/kg (7D preg)	EVHPAZ 45,71,82
2T35T46	orl-mus TDLo:1 gm/kg (7D preg)	EVHPAZ 45,71,82
1T25	orl-mus TDLo:3420 mg/kg (1-18D preg)	ENVRAL 22,245,80
3T41T42T47	orl-mus TDLo:2040 mg/kg (1-17D preg)	TJADAB 27,84A,83
2T24T26	ipr-mus TDLo:25560 mg/kg (1D male)	EVHPAZ 3,81,73
1T35	ipr-mus TDLo:12780 mg/kg (1D male)	EVHPAZ 3,81,73
1T23	ipr-mus TDLo:12780 ug/kg (1D male)	TXAPA9 29,35,74
2T24T35	scu-mus TDLo:3 gm/kg (3D male)	EVHPAZ 45,115,82
1T22	ivn-mus TDLo:50 mg/kg (1D pre)	NTIS** PB250-102
1T26	ivn-mus TDLo:350 mg/kg (7D male)	NTIS** PB250-102
1T34	ivn-mus TDLo:15 mg/kg (3-5D preg)	NTIS** PB250-102
1T29	ivn-mus TDLo:5 mg/kg (8D preg)	NTIS** PB250-102
1T02	orl-gpg TDLo:20 gm/kg (10D male)	EVHPAZ 45,77,82
1T02	orl-mam TDLo:20 gm/kg (10D male)	EVHPAZ 45,77,82
1T02	orl-mam TDLo:509 gm/kg (60W male)	TXCYAC 6,341,76

TUMORIGENIC DATA AND REFERENCES:

3V01L60N60	orl-rat TDLo:216 gm/kg/2Y-C	NTPTR* NTP-TR-217,82
2V01L60	orl-mus TDLo:260 gm/kg/2Y-C	NTPTR* NTP-TR-217,82
3V01L60T61	orl-rat TD :433 gm/kg/2Y-C	NTPTR* NTP-TR-217,82
2V01L60	orl-mus TD :519 gm/kg/2Y-C	NTPTR* NTP-TR-217,82
2V03L60	orl-mus TD :120 gm/kg/24W-C	CRNGDP 4,1021,83

TOXICITY DATA AND REFERENCES:

1K30	orl-man TDLo:143 mg/kg	JIHTAB 27,130,45
	orl-rat LD50:31 gm/kg	UCDS** 7/20/67
	ipr-rat LD50:30700 mg/kg	JIHTAB 27,130,45
	ivn-rat LD50:250 mg/kg	TXAPA9 45,230,78
	orl-mus LD50:30 gm/kg	TJADAB 14,259,76
	ipr-mus LD50:14 gm/kg	JPMSAE 55,158,66
*	ivn-mus LD50:1060 mg/kg	NTIS** PB250-102
	orl-rbt LD50:34 gm/kg	EVHPAZ 4,3,73
	skn-rbt LD50:25 gm/kg	JIHTAB 27,130,45
*	orl-gpg LD50:26 gm/kg	IARC** 29,269,82
	skn-gpg LD50:10 gm/kg	EVHPAZ 4,3,73
3F07F31U01	ihl-mam LC50:30000 mg/m3	GTPZAB 24(3),25,80

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: EVHPAZ (3),73,73; RREVAH 54,1,75; JOCMA7 15(10),808,73; CMTVAS 10(3),49,73; ESKHA5 93,1,75; TXAPA9 45,1,78; JTEHD6 9,141,82

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 29,269,82
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 29,269,82
★ TLV-TWA 5 mg/m3; STEL 10 mg/m3 DTLVS* 4,159,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 5 mg/m3 (SCP-D) FEREAC 39,23540,74

STATUS:

★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NTPTR* NTP-TR-217,82)

NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S40
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0982-0457
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHTHALIC ACID, BIS(2-METHOXYETHYL) ESTER see: TI1400000
PHTHALIC ACID, BIS(6-METHYLHEPTYL)ESTER see: TI1300000

TI0380000 PHTHALIC ACID, BIS(3-METHYLHEXYL) ESTER

UPDT:8407 MW: 362.56 MOLFM: C22-H34-O4

SYN: DI(3-METHYLHEXYL)PHTHALATE

TOXICITY DATA AND REFERENCES:

3F07F31U01	orl-rat LD50:35500 mg/kg	GTPZAB 24(3),25,80
3F07F31U01	orl-mus LD50:35500 mg/kg	GTPZAB 24(3),25,80
3F07F31U01	orl-gpg LD50:35500 mg/kg	GTPZAB 24(3),25,80
3F07F31U01	ihl-mam LC50:28900 mg/m3	GTPZAB 24(3),25,80

PHTHALIC ACID, BUTOXYCARBONYLMETHYL BUTYL ESTER see: TI0535000
PHTHALIC ACID, BUTYL ESTER, BUTYL GLYCOLATE see: TI0535000

TI0535000 PHTHALIC ACID, BUTYL ESTER, ESTER with BUTYL GLYCOLATE

UPDT:8404 CAS: 85-70-1 MW: 336.42 MOLFM: C18-H24-O6

SYN: BUTYL CARBOBUTOXYMETHYL PHTHALATE * BUTYL GLYCOLYL BUTYL PHTHALATE * BUTYL PHTHALATE BUTYL GLYCOLATE * BUTYL PHTHALYL BUTYL GLYCOLATE * DIBUTYL O-(o-CARBOXYBENZOYL) GLYCOLATE * DIBUTYL o-CARBOXYBENZOYLOXYACETATE * GLYCOLIC ACID, BUTYL ESTER, BUTYL PHTHALATE * GLYCOLIC ACID, PHTHALATE, DIBUTYL ESTER * PHTHALIC ACID, BUTOXYCARBONYLMETHYL BUTYL ESTER * PHTHALIC ACID, BUTYL ESTER, BUTYL GLYCOLATE * SANTICIZER B-16

IRRITATION DATA AND REFERENCES:

	eye-rbt 500 mg	AJOPAA 29,1363,46

MUTATION DATA AND REFERENCES:

	cyt-ham:fbr 125 mg/L/24H	MUREAV 48,337,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	ipr-rat TDLo:2296 mg/kg (5-15D preg)	JPMSAE 61,51,72
2T34T46	ipr-rat TDLo:689 mg/kg (5-15D preg)	JPMSAE 61,51,72

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:15 gm/kg	JIHTAB 30,63,48
	ipr-rat LD50:6889 mg/kg	JPMSAE 61,51,72
	ipr-mus LD50:6880 mg/kg	JSCCA5 28,667,77

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RREVAH 54,1,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TI0550000 PHTHALIC ACID, DECYL OCTYL ESTER

UPDT:8307 CAS: 119-07-3 MW: 418.68 MOLFM: C26-H42-O4

SYN: 1,2-BENZENEDICARBOXYLIC ACID, DECYL OCTYL ESTER * DECYL OCTYL PHTHALATE * n-DECYL n-OCTYL PHTHALATE * DINOPOL 235 * OCTYL DECYL PHTHALATE * n-OCTYL n-DECYL PHTHALATE * POLYCIZER 532 * POLYCIZER 562 * STAFLEX 500

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:45 gm/kg	AIHAAP 30,470,69

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

TI0584000 PHTHALIC ACID, DIALKYL (C6-8) ESTER

UPDT:8406

SYN: DAP-68

TOXICITY DATA AND REFERENCES:

3F07F17F24	orl-rat LD50:58 gm/kg	GISAAA 47(8),91,82
3F07F17F24	orl-mus LD50:42 gm/kg	GISAAA 47(8),91,82

TI0585000 PHTHALIC ACID, DIALKYL(C7-9) ESTER

DEF:Contains 20% C7, 40% C8 and 15% C9 by weight (ATXKA8 26,84,70)

UPDT:8402 CAS: 66587-56-2

SYN: ALCOHOLS, C7-9 * DA79P * DIALKYLPHTHALATE C7-C9 * DIALKYL 79 PHTHALATE * LINEVOL 7-9 * LINEVOL 79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:52500 mg/kg (21D male)	TXAPA9 61,205,81

TOXICITY DATA AND REFERENCES:

3F13K12R21	orl-rat LD50:11100 mg/kg	ATXKA8 26,84,70
1R21	orl-mus LD50:5900 mg/kg	ATXKA8 26,84,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHTHALIC ACID, DIALLYL ESTER see: CZ4200000
o-PHTHALIC ACID, DIALLYL ESTER see: CZ4200000
o-PHTHALIC ACID DIAMIDE see: CZ2200000

TI0875000 PHTHALIC ACID, DIBUTYL ESTER

UPDT:8412 CAS: 84-74-2 MW: 278.38 MOLFM: C16-H22-O4

SYN: o-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER * BENZENE-o-DICARBOXYLIC ACID DI-n-BUTYL ESTER * n-BUTYL PHTHALATE (DOT) * CELLUFLEX DPB * DBP * DIBUTYL 1,2-BENZENEDICARBOXYLATE * DIBUTYL PHTHALATE * DI-n-BUTYL PHTHALATE * ELAOL * HEXAPLAS M/B * PALATINOL C * POLYCIZER DBP * PX 104 * RCRA WASTE NUMBER U069 * STAFLEX DBP * WITCIZER 300

MUTATION DATA AND REFERENCES:

	mmo-sat 90 umol/L	EVHPAZ 45,111,82
	cyt-ham:fbr 30 mg/L/24H	MUREAV 48,337,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:8400 mg/kg (7D male)	TXAPA9 53,35,80
1T31	orl-rat TDLo:2520 mg/kg (1-21D preg)	TXAPA9 26,253,73
1T34	orl-rat TDLo:12600 mg/kg (1-21D preg)	TXAPA9 26,253,73
1T25	ipr-rat TDLo:1017 mg/kg (5-15D preg)	JPMSAE 61,51,72
2T34T46	ipr-rat TDLo:305 mg/kg (5-15D preg)	JPMSAE 61,51,72
1T76	ipr-rat TDLo:6 gm/kg (3-9D preg)	EVHPAZ 3,91,73
3T25T35T41	orl-mus TDLo:21600 mg/kg (1-18D preg)	EVHPAZ 45,65,82
1T34	orl-mus TDLo:8640 mg/kg (1-18D preg)	EVHPAZ 45,65,82
1T46	orl-mus TDLo:1080 mg/kg (1-18D preg)	EVHPAZ 45,65,82
2T02T09	orl-mus TDLo:16800 mg/kg (7D male)	TOLED5 5,413,80
1T02	orl-gpg TDLo:14 gm/kg (7D male)	TOLED5 11,141,82

TOXICITY DATA AND REFERENCES:

3F08K13M30	orl-hmn TDLo:140 mg/kg	SMWOAS 84,1243,54

*	orl-rat LD50:8000 mg/kg	FMCHA2 -,C76,83
*	ihl-rat LC50:7900 ug/m3	GTPZAB 17(10),51,73
	ipr-rat LD50:3050 mg/kg	JPMSAE 61,51,72
*	orl-mus LD50:5282 ug/kg	GTPZAB 17(10),51,73
*	ihl-mus LC50:2100 ug/m3	GTPZAB 17(10),51,73
	ipr-mus LD50:3570 mg/kg	JSCCA5 28,667,77
*	ivn-mus LD50:720 mg/kg	KEKHB8 3,19,73
3F07F31U01	orl-gpg LD50:10 gm/kg	GTPZAB 24(3),25,80
3F07F31U01	ihl-mam LC50:9620 mg/m3	GTPZAB 24(3),25,80

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RREVAH 54,1,75; EVHPAZ 4,3,73; CMTVAS 10(3),49,73; ESKHA5 93,1,75

★ TLV-TWA 5 mg/m3; STEL 10 mg/m3 — DTLVS* 4,124,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 5 mg/m3 (SCP-D) — FEREAC 39,23540,74

★ DOT-HAZARD:ORM-E; LABEL:NONE — CFRGBR 49,172.101,82

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S33
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TI0890000 PHTHALIC ACID, DICYCLOPENTYL ESTER

UPDT:8312 CAS: 18699-38-2 MW: 302.40 MOLFM: C18-H22-O4
SYN: 1,2-BENZENEDICARBOXYLIC ACID, DICYCLOPENTYL ESTER * DICYCLOPENTYL PHTHALATE

TOXICITY DATA AND REFERENCES:

2D28F07	ipr-mus LDLo:1512 mg/kg	JPMSAE 56,1446,67

TI0900000 PHTHALIC ACID, DIDECYL ESTER

UPDT:8312 CAS: 84-77-5 MW: 446.74 MOLFM: C28-H46-O4
SYN: DIDECYL PHTHALATE * DI-n-DECYL PHTHALATE

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open MLD	AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:

2D28F07	ipr-mus LDLo:2233 mg/kg	JPMSAE 56,1446,67
1R10	skn-rbt LD50:16800 mg/kg	AIHAAP 23,95,62

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

TI0930000 PHTHALIC ACID, DIDODECYL ESTER

UPDT:8408 CAS: 2432-90-8 MW: 502.86 MOLFM: C32-H54-O4
SYN: 1,2-BENZENEDICARBOXYLIC ACID, DIDODECYL ESTER (9CI) * DIDODECYL PHTHALATE * DI-n-DODECYL PHTHALATE * DILAURYL PHTHALATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LDLo:1500 mg/kg	85GMAT -,49,82
*	orl-mus LDLo:1500 mg/kg	85GMAT -,49,82

TI0950000 PHTHALIC ACID, 2-DIETHYLAMINOETHYL METHYL ESTER, HYDROCHLORIDE

UPDT:8406 MW: 315.83 MOLFM: C15-H21-N-O4 .Cl-H
SYN: 2-DIETHYLAMINOETHYL METHYL PHTHALATE HYDROCHLORIDE * EC 101

IRRITATION DATA AND REFERENCES:

	eye-rbt 1%	JAPMA8 32,160,43

TOXICITY DATA AND REFERENCES:

*	ipr-mus LDLo:900 mg/kg	JAPMA8 32,160,43

TI1050000 PHTHALIC ACID, DIETHYL ESTER

UPDT:8412 CAS: 84-66-2 MW: 222.26 MOLFM: C12-H14-O4
SYN: ANOZOL * 1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER * DIETHYL PHTHALATE * ESTOL 1550 * ETHYL PHTHALATE * NCI-C60048 * NEANTINE * PALATINOL A * PHTHALOL * PLACIDOL E * RCRA WASTE NUMBER U088 * SOLVANOL

IRRITATION DATA AND REFERENCES:

	eye-rbt 112 mg	JPETAB 82,377,44

MUTATION DATA AND REFERENCES:

	mmo-sat 1100 umol/L	EVHPAZ 45,111,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:53480 mg/kg (14D male)	FCTXAV 16,415,78
3T25T34T46	ipr-rat TDLo:506 mg/kg (5-15D preg)	JPMSAE 61,51,72

TOXICITY DATA AND REFERENCES:

3D17J21J30	ihl-hmn TCLo:1000 mg/m3	AGGHAR 5,1,33
3F07F31U01	orl-rat LD50:8600 mg/kg	GTPZAB 24(3),25,80
*	ihl-rat LC50:7510 mg/m3	GTPZAB 17(10),51,73
	ipr-rat LD50:5058 mg/kg	JPMSAE 61,51,72
3F07F31U01	unk-rat LD50:8600 mg/kg	GTPZAB 24(3),25,80
*	orl-mus LD50:6172 mg/kg	GTPZAB 17(10),51,73
*	ihl-mus LC50:4890 mg/m3	GTPZAB 17(10),51,73
	ipr-mus LD50:2749 mg/kg	FEPRA7 6,342,47
	orl-rbt LDLo:1000 mg/kg	14CYAT 2,1904,63
	ivn-rbt LDLo:100 mg/kg	AGGHAR 5,1,33
3F07F31U01	orl-gpg LD50:8600 mg/kg	GTPZAB 24(3),25,80
	scu-gpg LDLo:3000 mg/kg	AGGHAR 5,1,33
3F07F31U01	ihl-mam LC50:8240 mg/m3	GTPZAB 24(3),25,80

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: EVHPAZ (3),73,73; RREVAH 54,1,75; EVHPAZ 4,3,73; ESKHA5 93,1,75

★ TLV-TWA 5 mg/m3; STEL 10 mg/m3 — DTLVS* 4,142,80

STATUS:

NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TI1100000 PHTHALIC ACID, DIHEXYL ESTER

UPDT:8407 CAS: 84-75-3 MW: 334.50 MOLFM: C20-H30-O4
SYN: 1,2-BENZENEDICARBOXYLIC ACID, DIHEXYL ESTER * DIHEXYL PHTHALATE * DI-n-HEXYL PHTHALATE

IRRITATION DATA AND REFERENCES:

	eye-rbt 500 mg open	AMIHBC 10,61,54

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:9600 mg/kg (4D male)	EVHPAZ 45,77,82

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:30 gm/kg	AMIHBC 10,61,54
	skn-rbt LD50:20 gm/kg	EVHPAZ 4,3,73

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: EVHPAZ (3),73,73; RREVAH 54,1,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TI1225000 PHTHALIC ACID, DIISOBUTYL ESTER

UPDT:8412 CAS: 84-69-5 MW: 278.38 MOLFM: C16-H22-O4
SYN: DIBP * DIISOBUTYL PHTHALATE * HEXAPLAS M/1B * PALATINOL IC

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:8400 mg/kg (7D male)	TXAPA9 53,35,80
1T25	ipr-rat TDLo:1250 mg/kg (5-15D preg)	JPMSAE 61,51,72
2T34T46	ipr-rat TDLo:375 mg/kg (5-15D preg)	JPMSAE 61,51,72
2T02T09	orl-mus TDLo:16800 mg/kg (7D male)	TOLED5 5,413,80

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:20 gm/kg	NPIRI* 2,21,75
	ipr-rat LD50:3749 mg/kg	JPMSAE 61,51,72
	orl-mus LD50:13 gm/kg	EVHPAZ 4,3,73
	ipr-mus LD50:3990 mg/kg	JSCCA5 28,667,77
	skn-gpg LD50:10 gm/kg	EVHPAZ 4,3,73

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: EVHPAZ (3),73,73; RREVAH 54,1,75; EVHPAZ 4,3,73

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TI1300000 PHTHALIC ACID, DIISOOCTYL ESTER

UPDT:8309 CAS: 27554-26-3 MW: 390.62 MOLFM: C24-H38-O4
SYN: 1,2-BENZENEDICARBOXYLIC ACID, DIISOOCTYL ESTER * CORFLEX 880 * DIISOOCTYL PHTHALATE * HEXAPLAS M/O * ISOOCTYL PHTHALATE * PHTHALIC ACID, BIS(6-METHYLHEPTYL)ESTER

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:22 gm/kg	EVHPAZ 3,61,73
*	orl-mus LD50:2769 mg/kg	GTPZAB 17(10),51,73

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

TI1320000 PHTHALIC ACID, DIISOPENTYL ESTER

UPDT:8312 CAS: 605-50-5 MW: 306.44 MOLFM: C18-H26-O4
SYN: 1,2-BENZENEDICARBOXYLIC ACID, BIS(3-METHYLBUTYL) ESTER * DISOAMYL PHTHALATE * DIISOPENTYL PHTHALATE

TOXICITY DATA AND REFERENCES:

2D28F07	ipr-mus LDLo:1532 mg/kg	JPMSAE 56,1446,67

TI1350000 PHTHALIC ACID, DIISOPROPYL ESTER

UPDT:8401 CAS: 605-45-8 MW: 250.32 MOLFM: C14-H18-O4
SYN: 1,2-BENZENEDICARBOXYLIC ACID, BIS(1-METHYLETHYL) ESTER * DIISOPROPYL PHTHALATE

TOXICITY DATA AND REFERENCES:

2D28F07	ipr-mus LDLo:1251 mg/kg	JPMSAE 56,1446,67

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

TI1400000 PHTHALIC ACID, DI(METHOXYETHYL) ESTER

UPDT:8408 CAS: 117-82-8 MW: 282.32 MOLFM: C14-H18-O6
SYN: 1,2-BENZENEDICARBOXYLIC ACID, BI(2-METHOXYETHYL) ESTER (9CI) * BIS(METHOXYETHYL) PHTHALATE * BIS(2-METHOXYETHYL) PHTHALATE * DIMETHOXY ETHYL PHTHALATE * DI(2-METHOXYETHYL)PHTHALATE * DMEP * KESSCOFLEX MCP * 2-METHOXYETHYL PHTHALATE * PHTHALIC ACID, BIS(2-METHOXYETHYL) ESTER

MUTATION DATA AND REFERENCES:

	dlt-mus-ipr 1190 mg/kg	TXAPA9 29,35,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T01T02	orl-rat TDLo:1500 mg/kg (1D male)	TJADAB 26(3),14A,82
2T46T47	ipr-rat TDLo:500 mg/kg (12D preg)	TJADAB 29(2),54A,84
3T25T34T35	ipr-rat TDLo:374 mg/kg (5-15D preg)	JPMSAE 61,51,72
1T46	ipr-rat TDLo:374 mg/kg (5-15D preg)	JPMSAE 61,51,72
2T42T59	ipr-rat TDLo:747 mg/kg (5-15D preg)	JPMSAE 61,51,72
2T41T46	ipr-rat TDLo:600 mg/kg (12D preg)	EVHPAZ 45,89,82
3T24T26T35	ipr-mus TDLo:2380 mg/kg (1D male)	EVHPAZ 3,81,73
1T23	ipr-mus TDLo:2380 ug/kg (1D male)	TXAPA9 29,35,74

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:2750 mg/kg	29ZWAE -,356,68
	ihl-rat LCLo:1595 ppm/16H	14CYAT 2,1904,63
	ipr-rat LD50:3735 mg/kg	JPMSAE 61,51,72
*	ipr-mus LD50:3570 ug/kg	TXAPA9 29,35,74
	orl-gpg LD50:1600 mg/kg	14CYAT 2,1904,63

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RREVAH 54,1,75; EVHPAZ 4,3,73

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TI1575000 PHTHALIC ACID, DIMETHYL ESTER

UPDT:8412 CAS: 131-11-3 MW: 194.20 MOLFM: C10-H10-O4
SYN: AVOLIN * 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER * DIMETHYL 1,2-BENZENEDICARBOXYLATE * DIMETHYL BENZENEORTHODICARBOXYLATE * DIMETHYL PHTHALATE * DMP * ENT 262 * FERMINE * METHYL PHTHALATE * MIPAX * NTM * PALATINOL M * PHTHALIC ACID METHYL ESTER * PHTHALSAEUREDIMETHYLESTER (German) * RCRA WASTE NUMBER U102 * SOLVANOM * SOLVARONE

IRRITATION DATA AND REFERENCES:

	eye-rbt 119 mg	JPETAB 82,377,44

MUTATION DATA AND REFERENCES:

	mmo-sat 5 mmol/L	EVHPAZ 45,111,82
	cyt-rat-skn 25 gm/kg/4W-I	FATOAO 40,454,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T25T34T46	ipr-rat TDLo:338 mg/kg (5-15D preg)	JPMSAE 61,51,72
2T42T59	ipr-rat TDLo:338 mg/kg (5-15D preg)	JPMSAE 61,51,72
1T35	ipr-rat TDLo:1125 mg/kg (5-15D preg)	JPMSAE 61,51,72
1T26	ipr-rat TDLo:1500 mg/kg (3-9D preg)	JDSCAE 55,696,72

TOXICITY DATA AND REFERENCES:

3F07F31U01	orl-rat LD50:6800 mg/kg	GTPZAB 24(3),25,80
*	ihl-rat LC50:5490 ug/m3	GTPZAB 17(10),51,73
	ipr-rat LD50:3375 mg/kg	JPMSAE 61,51,72
3F07F31U01	unk-rat LD50:6800 mg/kg	GTPZAB 24(3),25,80
3F07F31U01	orl-mus LD50:6800 mg/kg	GTPZAB 24(3),25,80
*	ihl-mus LC50:4350 ug/m3	GTPZAB 17(10),51,73
3F18J24J26	ipr-mus LD50:2975 mg/kg	PSEBAA 49,471,42
3F07F31U01	unk-mus LD50:6800 mg/kg	GTPZAB 24(3),25,80
	ihl-cat LCLo:10000 mg/m3	29ZWAE -,136,68
	orl-rbt LD50:4400 mg/kg	JPETAB 93,26,48
	orl-gpg LD50:2400 mg/kg	JPETAB 93,26,48
	orl-ckn LD50:8500 mg/kg	JPETAB 93,26,48
3F07F31U01	ihl-mam LD50:6760 mg/m3	GTPZAB 24(3),25,80

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: EVHPAZ (3),73,73; RREVAH 54,1,75; EVHPAZ 4,3,73

★ TLV-TWA 5 mg/m3; STEL 10 mg/m3 — DTLVS* 4,149,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 5 mg/m3 (SCP-D) — FEREAC 39,23540,74

STATUS:

NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHTHALIC ACID, DIMETHYL ESTER, mixt. with 1-BENZOYLPIPERIDINE see: CZ4010000 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER, mixt. with 1-BENZOYLPIPERIDINE

PHTHALIC ACID, DIMETHYL ESTER, mixt. with N,N-DIETHYL-2-PHENOXYACETAMIDE see: CZ4020000 1,2BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER, mixt. with N,N-DIETHYL-2-PHENOXYACETAMIDE

PHTHALIC ACID DINITRILE see: TI8575000

TI1800000 PHTHALIC ACID, DINONYL ESTER

UPDT:8407 CAS: 84-76-4 MW: 418.68 MOLFM: C26-H42-O4

SYN: BISOFLEX 91 * DINONYL 1,2-BENZENEDICARBOXYLATE * DINONYL PHTHALATE * DI-n-NONYL PHTHALATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2000 mg/kg 14CYAT 2,1904,63
3F07F31U01 orl-mus LD50:21500 mg/kg GTPZAB 24(3),25,80
3F07F31U01 orl-gpg LD50:21500 mg/kg GTPZAB 24(3),25,80
3F07F31U01 ihl-mam LC50:18130 mg/m3 GTPZAB 24(3),25,80
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,3,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PHTHALIC ACID DIOCTYL ESTER see: TI0350000

TI1925000 PHTHALIC ACID, DIOCTYL ESTER
UPDT:8406 CAS: 117-84-0 MW: 390.62 MOLFM: C24-H38-O4
SYN: o-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER * 1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER * CELLUFLEX DOP * DINOPOL NOP * DIOCTYL o-BENZENEDICARBOXYLATE * DIOCTYL PHTHALATE * DI-n-OCTYL PHTHALATE * n-DIOCTYL PHTHALATE * DNOP * OCTYL PHTHALATE * n-OCTYL PHTHALATE * POLYCIZER 162 * PX-138 * RCRA WASTE NUMBER U107 * VINICIZER 85
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD 28ZPAK -,48,72
eye-rbt 5 mg SEV AJOPAA 29,1363,46
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T42T59 ipr-rat TDLo:5 gm/kg (5-15D preg) JPMSAE 61,51,72
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:6513 mg/kg GTPZAB 17(10),51,73
* ihl-mus LC50:5000 ug/m3 GTPZAB 17(10),51,73
ipr-mus LD50:65 gm/kg JSCCA5 28,667,77
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 54,1,75; EVHPAZ 4,3,73; ESKHA5 93,1,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TI1927000 PHTHALIC ACID, DI-2-OCTYL ESTER
UPDT:8305 MW: 390.62 MOLFM: C24-H38-O4
SYN: DIOCTANOL-2-PHTHALATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:46 gm/kg PSEBAA 49,471,42

TI1930000 PHTHALIC ACID, DIPENTYL ESTER
UPDT:8312 CAS: 131-18-0 MW: 306.44 MOLFM: C18-H26-O4
SYN: AMOIL * AMYL PHTHALATE * 1,2-BENZENEDICARBOXYLIC ACID, DIPENTYL ESTER * DIAMYL PHTHALATE * DIPENTYL PHTHALATE * DI-n-PENTYLPHTHALATE * DPP
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:6600 mg/kg (3D male) TXAPA9 63,120,82
1T09 orl-rat TDLo:2206 mg/kg (1D male) TOLED5 15,265,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TI1940000 PHTHALIC ACID, DIPROPYL ESTER
UPDT:8401 CAS: 131-16-8 MW: 250.32 MOLFM: C14-H18-O4
SYN: 1,2-BENZENEDICARBOXYLIC ACID, DIPROPYL ESTER * DIPROPYL PHTHALATE * DI-n-PROPYL PHTHALATE
TOXICITY DATA AND REFERENCES:
2D28F07 ipr-mus LDLo:1251 mg/kg JPMSAE 56,1446,67
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TI1950000 PHTHALIC ACID, DITRIDECYL ESTER
UPDT:8402 CAS: 119-06-2 MW: 530.92 MOLFM: C34-H58-O4
SYN: 1,2-BENZENEDICARBOXYLIC ACID, DITRIDECYL ESTER * DITRIDECYL PHTHALATE * DTDP * JAYFLEX DTDP * NUOPLAZ * POLYCIZER 962-BPA * STAFLEX DTDP * 1-TRIDECANOL, PHTHALATE * TRUFLEX DTDP
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

TI2058000 PHTHALIC ACID, alpha-ETHYLBENZYL ESTER, SODIUM SALT
UPDT:8303 MW: 306.31 MOLFM: C17-H15-O4 .Na
SYN: alpha-ETHYLBENZYL ESTER of PHTHALIC ACID SODIUM SALT * SALE SODICO DELL'ESTERE FTALICO del FENILETILCARBINOLO (Italian)
TOXICITY DATA AND REFERENCES:
1C08 orl-rat LDLo:1500 mg/kg FRPSAX 14,32,59

PHTHALIC ACID, HEXAHYDRO-3,6-endo-OXY- see: RN7875000

PHTHALIC ACID METHYL ESTER see: TI1575000

TI2475000 PHTHALIC ACID, MONOBUTYL ESTER
UPDT:8405 CAS: 131-70-4 MW: 222.26 MOLFM: C12-H14-O4
SYN: 1,2-BENZENEDICARBOXYLIC ACID, MONOBUTYL ESTER (9CI) * BUTYL HYDROGEN PHTHALATE * MBP * MONOBUTYL PHTHALATE * MONO-n-BUTYL PHTHALATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:1600 mg/kg (4D male) EVHPAZ 45,77,82
1T02 unk-rat TDLo:3200 mg/kg (4D male) EVHPAZ 45,77,82
1T02 orl-mus TDLo:16800 mg/kg (7D male) TOLED5 6,239,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TI2476000 PHTHALIC ACID, MONO-sec-BUTYL ESTER
UPDT:8401 MW: 222.26 MOLFM: C12-H14-O4
SYN: MONO-sec-BUTYL PHTHALATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 unk-rat TDLo:3200 mg/kg (4D male) EVHPAZ 45,77,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TI2490000 PHTHALIC ACID, MONOCYCLOHEXYL ESTER
UPDT:8302 CAS: 7517-36-4 MW: 248.30 MOLFM: C14-H16-O4
SYN: 1,2-BENZENEDICARBOXYLIC ACID, MONOCYCLOHEXYL ESTER (9CI) * CYCLOHEXYL HYDROGEN PHTHALATE * MCHP * MONOCYCLOHEXYL PHTHALATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:7910 mg/kg (7D male) APTOA6 51,217,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TI2500000 PHTHALIC ACID, MONO-(2-ETHYLHEXYL) ESTER
UPDT:8412 CAS: 4376-20-9 MW: 278.38 MOLFM: C16-H22-O4
SYN: MEHP * MONOETHYLHEXYL PHTHALATE * MONO(2-ETHYLHEXYL)PHTHALATE
IRRITATION DATA AND REFERENCES:
skn-rat 100 mg NTIS** PB-250-102
MUTATION DATA AND REFERENCES:
mmo-sat 1250 ug/plate EVHPAZ 45,119,82
mmo-esc 700 mg/L EVHPAZ 45,119,82
dnr-bcs 400 ug/disc EVHPAZ 45,119,82
otr-ham-orl 375 mg/kg EVHPAZ 45,119,82
cyt-ham-orl 375 mg/kg EVHPAZ 45,119,82
sce-ham:lng 25 mg/L EVHPAZ 45,119,82
sce-ham:emb 25 mg/L EVHPAZ 45,119,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T77 orl-rat TDLo:4300 mg/kg (6-15D preg) BECTA6 27,181,81
1T02 orl-rat TDLo:6320 ug/kg (7D male) TXCYAC 15,197,80
1T03 ipr-rat TDLo:1 gm/kg (20D male) EVHPAZ 45,85,82
1T09 ipr-rat TDLo:500 mg/kg (10D male) TXAPA9 62,121,82
2T41T42 orl-mus TDLo:1 gm/kg (8D preg) JEPTDQ 4(2-3),533,80
1T34 orl-mus TDLo:100 mg/kg (7D preg) JEPTDQ 4(2-3),533,80
1T35 orl-mus TDLo:500 mg/kg (8D preg) JEPTDQ 4(2-3),533,80
1T46 orl-mus TDLo:100 mg/kg (8D preg) JEPTDQ 4(2-3),533,80
1T02 orl-ham TDLo:9 gm/kg (9D male) TOLED5 11,141,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1340 mg/kg TXAPA9 45,250,78
* ipr-rat LD50:415 mg/kg NTIS** PB250-102
* ivn-rat LD50:150 mg/kg NTIS** PB250-102
* ipr-mus LD50:240 mg/kg NTIS** PB250-102
* ivn-mus LD50:208 mg/kg NTIS** PB250-102
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TI2550000 PHTHALIC ACID, MONOISOBUTYL ESTER
UPDT:8405 CAS: 30833-53-5 MW: 222.26 MOLFM: C12-H14-O4
SYN: 1,2-BENZENEDICARBOXYLIC ACID, MONO(2-METHYLPROPYL) ESTER (9CI) * MIBP * MONO-ISOBUTYL PHTHALATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:9200 mg/kg (7D male) TXCYAC 15,197,80
1T02 unk-rat TDLo:3200 mg/kg (4D male) EVHPAZ 45,77,82
1T02 orl-mus TDLo:16800 mg/kg (7D male) TOLED5 6,239,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TI2625000 PHTHALIC ACID, MONOMETHYL ESTER, ESTER with ETHYL GLYCOLATE
UPDT:8307 CAS: 85-71-2 MW: 266.27 MOLFM: C13-H14-O6
SYN: ETHYL O-(o-(METHOXYCARBONYL)BENZOYL)GLYCOLATE * ETHYL o-(METHOXYCARBONYL)BENZOYLOXYACETATE * GLYCOLIC ACID, ETHYL ESTER, METHYL PHTHALATE * METHYL PHTHALYL ETHYL GLYCOLATE * SANTICIZER M-17
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3200 mg/kg 14CYAT 2,1906,63

TI2700000 PHTHALIC ACID, 3-NITRO, 1-(2-(DIETHYLAMINO)ETHYL) 2-PROPYL ESTER, HYDROCHLORIDE
UPDT:8406 MW: 388.89 MOLFM: C17-H24-N2-O6 .Cl-H
SYN: CO 112 * 3-NITROPHTHALIC ACID 1-(2-(DIETHYLAMINO)ETHYL) 2-PROPYL ESTER HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 5000 ppm JAPMA8 32,160,43
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:600 mg/kg JAPMA8 32,160,43

TI2780000 PHTHALIC ACID, SODIUM SALT
UPDT:8305 CAS: 10197-71-4 MW: 327.07 MOLFM: C8-H6-O4 .xNa
SYN: 1,2-BENZENEDICARBOXYLIC ACID, SODIUM SALT (9CI) * SODIUM PHTHALATE
TOXICITY DATA AND REFERENCES:
3F12F17J24 ipr-mus LD50:2100 mg/kg PSEBAA 49,471,42

TI3050000 PHTHALIC ACID, TETRAIODO-, SODIUM SALT
UPDT:8405 MW: 691.68 MOLFM: C8-H-I4-O4 .Na
SYN: 1,2-BENZENEDICARBOXYLIC ACID, 3,4,5,6-TETRAIODO-, SODIUM SALT * SODIUM TETRAIODOPHTHALATE * TETRAIODOPHTHALIC ACID SODIUM SALT
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3000 mg/kg JAPMA8 43,495,54

TI3150000 PHTHALIC ANHYDRIDE
UPDT:8412 CAS: 85-44-9 MW: 148.12 MOLFM: C8-H4-O3
SYN: ANHYDRIDE PHTALIQUE (French) * ANIDRIDE FTALICA (Italian) * 1,2-BENZENEDICARBOXYLIC ACID ANHYDRIDE * 1,3-DIOXOPHTHALAN * ESEN * FTAALZUURANHYDRIDE (Dutch) * FTALOWY BEZWODNIK (Polish) * ISOBENZOFURAN, 1,3-DIHYDRO-1,3-DIOXO- * 1,3-ISOBENZOFURANDIONE * NCI-C03601 * PHTHALANDIONE * 1,3-PHTHALANDIONE * PHTHALIC ACID ANHYDRIDE * PHTHALIC ANHYDRIDE, solid or molten (DOT) * PHTHALSAEUREANHYDRID (German) * RCRA WASTE NUMBER U190 * RETARDER AK * RETARDER ESEN * RETARDER PD * UN 2214 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD BIOFX* 13-4/70
eye-rbt 100 mg SEV BIOFX* 13-4/70
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T59 ipr-mus TDLo:203 mg/kg (8-10D preg) TCMUD8 2,61,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4020 mg/kg BIOFX* 13-4/70
orl-mus LD50:2 gm/kg GTPZAB 18(7),57,74
orl-gpg LDLo:100 mg/kg 29ZWAE -,410,68
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BPCT** -,183,74; EVHPAZ 4,3,73; CMTVAS 10(3),49,73
★ TLV-TWA 1 ppm; STEL 4 ppm DTLVS* 4,340,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ppm (SCP-M) FEREAC 39,23540,74
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:NONE CFRGBR 49,172.102,83
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-159,79)
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S179
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHTHALIC ANHYDRIDE, solid or molten (DOT) see: TI3150000

TI3325000 PHTHALIC ANHYDRIDE, METHYLTETRAHYDRO-
UPDT:8307 CAS: 26590-20-5 MW: 166.19 MOLFM: C9-H10-O3
SYN: AC 220 * AC 220J * 1,3-ISOBENZOFURANDIONE, 3a,4,7,7a-TETRAHYDROMETHYL- * LINDRIDE * METHYLTETRAHYDROPHTHALIC ANHYDRIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2140 mg/kg AIHAAP 30,470,69
* skn-rbt LD50:1410 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TI3450000 PHTHALIC ANHYDRIDE, TETRACHLORO-
UPDT:8412 CAS: 117-08-8 MW: 285.88 MOLFM: C8-Cl4-O3
SYN: 1,3-ISOBENZOFURANDIONE, 4,5,6,7-TETRACHLORO- (9CI) * NCI-C61585 * NIAGATHAL * TETRACHLOROPHTHALIC ANHYDRIDE
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

PHTHALIC ANHYDRIDE, 1,2,3,6-TETRAHYDRO- see: GW5775000

m-PHTHALIC DICHLORIDE see: NT2625000

PHTHALIC 2,6-DIMETHYLANILIDE see: TH8490000 PHTHALANILIC ACID, 2',6'-DIMETHYL-

TI3678040 PHTHALIC MONOPEROXY ACID, 1-tert-BUTYL ESTER
UPDT:8308 MW: 238.26 MOLFM: C12-H14-O5
SYN: tert-BUTYL PEROXYPHTHALATE, technically pure (DOT) * UN 2105 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

TI3682400 PHTHALIDE, 7-AMINO-3-(2-METHYL-6,7,8-TRIETHOXY-1,2,3,4-TETRAHYDRO-1-ISOQUINOLYL)- 4,5,6-TRIETHOXY-
UPDT:8309 CAS: 73604-83-8 MW: 516.65 MOLFM: C27-H36-N2-O8
SYN: 458 L
TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:405 mg/kg	AGACBH 11,41,81

PHTHALIDE 3,3,-BIS(p-HYDROXYPHENYL)- see: SM8380000

TI3692000 PHTHALIDE, 3-BUTYL-
UPDT:8305 CAS: 6066-49-5 MW: 190.26 MOLFM: C12-H14-O2
SYN: BUTYLPHTHALIDE * 3-BUTYLPHTHALIDE * 3-n-BUTYLPHTHALIDE
IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	FCTXAV 17,251,79

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2450 mg/kg	FCTXAV 17,251,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TI3693000 PHTHALIDE, 3-(tert-BUTYLPEROXY)-3-PHENYL-
UPDT:8308 MW: 298.36 MOLFM: C18-H18-O4
SYN: 3-tert-BUTYLPEROXY-3-PHENYLPHTHALIDE (DOT) * UN 2596 (DOT)
STANDARDS & REGULATIONS:

★	DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE	CFRGBR 49,172.101,82

PHTHALIDE, 6-(5-CARBOXY-3-METHYL-2-PENTENYL)-7-HYDROXY-5-METHOXY-4-METHYL- see: MP8050000

TI3696000 PHTHALIDE, 3-((DIBUTYLAMINO)METHYL)-4,5,6-TRIHYDROXY-
UPDT:8405 MW: 323.43 MOLFM: C17-H25-N-O5
SYN: ANTHALLAN * 3-((DIBUTYLAMINO)METHYL)-4,5,6-TRIHYDROXYPHTHALIDE * 1(3H)-ISOBENZOFURANONE, 3-((DIBUTYLAMINO)METHYL)-4,5,6-TRIHYDROXY- (9CI)
TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:2700 mg/kg	JAPMA8 38,433,49

TI3696500 PHTHALIDE, 3-((DIBUTYLAMINO)METHYL)-4,5,6-TRIHYDROXY-, HYDROCHLORIDE
UPDT:8405 CAS: 5968-79-6 MW: 359.89 MOLFM: C17-H25-N-O5 Cl-H
SYN: ANTHALLAN HYDROCHLORIDE * 3-((DIBUTYLAMINO)METHYL)-4,5,6-TRIHYDROXYPHTHALIDE HYDROCHLORIDE * 1(3H)-ISOBENZOFURANONE, 3-((DIBUTYLAMINO)METHYL)-4,5,6-TRIHYDROXY-, HYDROCHLORIDE (9CI)
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:300 mg/kg	JAPMA8 38,433,49
*	scu-mus LD50:1080 mg/kg	JAPMA8 38,433,49
*	ivn-mus LD50:80 mg/kg	JAPMA8 38,433,49

TI3966000 PHTHALIMIDE, N-(AZIDOMETHYL)-
UPDT:8403 MW: 204.21 MOLFM: C9-H8-N4-O2
SYN: N-(AZIDOMETHYL)PHTHALIMIDE
MUTATION DATA AND REFERENCES:

	mmo-sat 500 umol/L	MUREAV 118,229,83

TI3990000 PHTHALIMIDE, N-((4-BENZYL-1-PIPERAZINYL)METHYL)-
UPDT:8303 MW: 335.44 MOLFM: C20-H21-N3-O2
SYN: N-((4-BENZYL-1-PIPERAZINYL)METHYL)PHTHALIMIDE
TOXICITY DATA AND REFERENCES:

3C08F13F19	ipr-mus LDLo:200 mg/kg	FRPSAX 18,750,63

TI4265000 PHTHALIMIDE, N-((4-(p-CHLOROBENZYL)-1-PIPERAZINYL)METHYL)-
UPDT:8303 MW: 369.88 MOLFM: C20-H20-Cl-N3-O2
SYN: N-((4-(p-CHLOROBENZYL)-1-PIPERAZINYL)METHYL)PHTHALIMIDE
TOXICITY DATA AND REFERENCES:

3C08F13F19	ipr-mus LD50:200 mg/kg	FRPSAX 18,750,63

TI4375000 PHTHALIMIDE, N-(2,6-DIOXO-3-PIPERIDYL)-
UPDT 3408 CAS: 50-35-1 MW: 258.25 MOLFM: C13-H10-N2-O4
SYN: ALGOSEDIV * ASIDON 3 * ASMADION * ASMAVAL * BONBRAIN * CALMORE * CALMOREX * CONTERGAN * CORRONAROBETIN * 2,6-DIOXO-3-PHTHALIMIDOPIPERIDINE * N-(2,6-DIOXO-3-PIPERIDYL)PHTHALIMIDE * DISTAVAL * DISTAXAL * DISTOVAL * ECTILURAN * ENTEROSEDIV * GASTRINIDE * GLUPAN * GLUTANON * GLUTARIMIDE, 2-PHTHALIMIDO- * GRIPPEX * HIPPUZON * IMIDA-LAB * IMIDAN (PEYTA) * IMIDENE * 1H-ISOINDOLE-1,3(2H)-DIONE, 2-(2,6-DIOXO-3-PIPERIDINYL)- * ISOMIN * K 17 * KEDAVON * KEVADON * LULAMIN * NEAUFATIN * NEO * NEOSEDYN * NEOSYDYN * NEROSEDYN * NEURODYN * NEUROSEDIN * NEUROSEDYM * NEVRODYN * NIBROL * NOCTOSEDIV * NOXODYN * NSC-66847 * PANGUL * PANTOSEDIV * alpha-PHTHALIMIDOGLUTARIMIDE * alpha-(N-PHTHALIMIDO)GLUTARIMIDE * 3-PHTHALIMIDOGLUTARIMIDE * N-PHTHALOYLGLUTAMIMIDE * N-PHTHALYLGLUTAMIC ACID IMIDE * N-PHTHALYL-GLUTAMINSAEURE-IMID (German) * alpha-N-PHTHALYLGLUTARAMIDE * POLY-GIRON * POLYGRIPAN * PREDNISEDIV * PRO-BAN M * PROFARMIL * PSYCHOLIQUID * PSYCHOTABLETS * QUETIMID * QUIETOPLEX * SANDORMIN * SEDALIS SEDI-LAB * SEDIMIDE * SEDIN * SEDISPERIL * SEDOVAL * SHIN-NAITO S * SHINNIBROL * SLEEPAN * SLIPRO * SOFTENIL * SOFTENON * TALARGAN * TALIMOL * TELAGAN * TELARGAN * TELARGEAN * TENSIVAL * THALIDOMIDE * THALIN * THALINETTE * THEOPHILCHOLINE * ULCERFEN * VALGIS * VALGRAINE * YODOMIN
MUTATION DATA AND REFERENCES:

	mmo-omi 10 gm/L	BCFAAI 118,563,79
	dlt-oin-orl 10 pph	EXPEAM 26,796,70
	cyt-hmn:lym 1 mg/L	AMSVAZ 177,783,65
	dns-rat-ipr 80 mg/kg	JPETAB 171,109,70
	oms-rat-ipr 80 mg/kg	JPETAB 171,109,70
	cyt-rat-orl 7600 mg/kg/30D-C	NATUAS 202,1080,64

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	orl-wmn TDLo:2 mg/kg (30D preg)	AEHLAU 5,100,62
2T46T47	orl-wmn TDLo:17500 ug/kg (1-5W preg)	BMJOAE 1,123,63
1T46	orl-wmn TDLo:2 mg/kg (29D preg)	AJDCAI 112,99,66
2T46T59	orl-wmn TDLo:16 mg/kg (28-35D preg)	AEHLAU 5,100,62
1T43	orl-rat TDLo:560 mg/kg (14D male)	CMAJAX 103,163,70
1T25	orl-rat TDLo:500 mg/kg (10-14D preg)	APTOA6 31,11,72
2T34T46	orl-rat TDLo:500 mg/kg (7-11D preg)	APTOA6 31,11,72
2T31T35	orl-rat TDLo:1050 mg/kg (1-21D preg)	LANCAO 2,724,62
2T47T53	orl-rat TDLo:28 gm/kg (3D male/3D pre-22D preg)	TXAPA9 7,409,65
3T41T46T47	ipr-rat TDLo:1200 mg/kg (9-11D preg)	TJADAB 16,333,77
1T25	ipr-rat TDLo:22 mg/kg (6-9D preg)	LANCAO 2,249,62
3T25T35T42	ivn-rat TDLo:45 mg/kg (10D preg)	TJADAB 27,327,83
1T34	ivn-rat TDLo:15 mg/kg (9-14D preg)	JPETAB 160,189,68
1T46	ivn-rat TDLo:45 mg/kg (12D preg)	TJADAB 27,327,83
1T46	unk-rat TDLo:1700 mg/kg (6-22D preg)	EXPEAM 20,283,64
1T24	orl-mus TDLo:750 mg/kg (2-7D preg)	JAMAAP 183,139,63
1T71	orl-mus TDLo:600 mg/kg (1-7D preg)	AJVRAH 28,1829,67
2T16T43	orl-mus TDLo:400 mg/kg (12-15D preg)	AJVRAH 28,1829,67
2T41T46	orl-mus TDLo:155 mg/kg (7-11D preg)	JAMAAP 183,139,63
3T27T42T46	orl-mus TDLo:124 mg/kg (7-10D preg)	ANREAK 149,149,64
1T46	ipr-mus TDLo:25 mg/kg (9D preg)	PHMGBN 11,193,74
1T25	ipr-mus TDLo:25 mg/kg (9D preg)	MOPMA3 13,133,77
1T39	ipr-mus TDLo:100 mg/kg (13D preg)	FEPRA7 28,743,69
1T59	ipr-mus TDLo:2 gm/kg (11-12D preg)	EXPEAM 33,1384,77
2T25T46	orl-dog TDLo:390 mg/kg (8-20D preg)	THERAP 20,573,65
1T35	unk-dog TDLo:2 gm/kg (20-24D preg)	JZKEDZ 6,37,80
1T47	unk-dog TDLo:250 mg/kg (20-24D preg)	JZKEDZ 6,37,80
1T42	orl-mky TDLo:10 mg/kg (28D preg)	TJADAB 23,351,81
3T41T46T47	orl-mky TDLo:60 mg/kg (24-26D preg)	TJADAB 4,247,71
1T22	orl-mky TDLo:330 mg/kg (1-33D preg)	SCIEAS 139,1295,63
2T47T35	orl-cat TDLo:110 mg/kg (10-20D preg)	TJADAB 11,65,75
2T27T55	orl-cat TDLo:360 mg/kg (15-17D preg)	TJADAB 11,65,75
1T25	orl-rbt TDLo:150 mg/kg (7D preg)	JPETAB 160,189,68
3T26T25T53	orl-rbt TDLo:450 mg/kg (7-9D preg)	APTOA6 31,17,72
3T43T49T46	orl-rbt TDLo:450 mg/kg (7-9D preg)	APTOA6 31,17,72
3T35T59T83	orl-rbt TDLo:400 mg/kg (7-16D preg)	ARZNAD 31,315,81
3T53T47T50	orl-rbt TDLo:833 mg/kg (6-11D preg)	EXPEAM 21,672,65
1T46	orl-rbt TDLo:125 mg/kg (8-12D preg)	JPETAB 160,189,68
2T59T45	scu-rbt TDLo:1500 mg/kg (6-20D preg)	APTOA6 20,186,63
1T34	scu-rbt TDLo:1700 mg/kg (1-17D preg)	APTOA6 20,186,63
2T53T43	scu-rbt TDLo:1800 mg/kg (3-20D preg)	APTOA6 20,186,63
1T25	ivn-rbt TDLo:750 mg/kg (6-10D preg)	SCIEAS 153,310,66
3T41T45T46	ivn-rbt TDLo:12500 ug/kg (8-12D preg)	JPETAB 160,189,68
1T25	ivn-rbt TDLo:10 mg/kg (7D preg)	JPETAB 160,189,68
2T45T50	unk-rbt TDLo:900 mg/kg (7-12D preg)	BJEPA5 51,286,70
1T46	unk-rbt TDLo:1050 mg/kg (7-13D preg)	BJEPA5 48,107,67
1T41	unk-rbt TDLo:500 mg/kg (7D preg)	TJADAB 28,13A,83
1T46	orl-pig TDLo:550 mg/kg (12-33D preg)	28QFAD -,233,73
1T35	orl-ham TDLo:300 mg/kg (8D preg)	TXAPA9 16,24,70

TUMORIGENIC DATA AND REFERENCES:

3V03V10J10	scu-mus TDLo:34 gm/kg/57W-I	NATUAS 200,1016,63

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:113 mg/kg	TXAPA9 14,515,69
	skn-rat LD50:1550 mg/kg	TXAPA9 14,515,69
	orl-mus LD50:2000 mg/kg	LIFSAK 3,721,64
	ipr-mus LDLo:800 mg/kg	TXAPA9 23,288,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BCSTB5 2(4),695,74; PLMJAP 6(1),160,75; AUHPAI 4(1),5,74; CRTXB2 2,365,73; INTEAG 15(1),7,74; CLPTAT 5,480,64; ARVPAX 5,447,65; ADVPA3 4,263,66; ATXKA8 28,135,71; NEJMAG 267,1238,62; NEJMAG 267,1184,62; LANCAO 1,45,62; BMJOAE -,646,62; LANCAO 1,303,62
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TI4925000 PHTHALIMIDE, N-(2,6-DIOXO-3-PIPERIDYL)-, D-(+)-
UPDT:8305 CAS: 2614-06-4 MW: 258.25 MOLFM: C13-H10-N2-O4
SYN: 1H-ISOINDOLE-1,3(2H)-DIONE, 2-(2,6-DIOXO-3-PIPERIDINYL)-, (R) * (+)-THALIDOMIDE * R-(+)-THALIDOMIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	ipr-rat TDLo:50 mg/kg (10D preg)	ARZNAD 29,1640,79
2T25T59	orl-rbt TDLo:900 mg/kg (7-12D preg)	NATUAS 215,296,67

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:400 mg/kg	NATUAS 215,296,67

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BCSTB5 2(4),695,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TI4925050 PHTHALIMIDE, N-(2,6-DIOXO-3-PIPERIDYL)-, L-(-)-
UPDT:8305 CAS: 841-67-8 MW: 258.25 MOLFM: C13-H10-N2-O4
SYN: 1H-ISOINDOLE-1,3(2H)-DIONE, 2-(2,6-DIOXO-3-PIPERIDINYL)-, (S)- * (-)-THALIDOMIDE * S-(-)-THALIDOMIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T59	ipr-rat TDLo:3120 ug/kg (10D preg)	ARZNAD 29,1640,79
1T25	ipr-rat TDLo:100 mg/kg (10D preg)	ARZNAD 29,1640,79
1T25	ipr-mus TDLo:12500 ug/kg (9D preg)	ARZNAD 29,1640,79
1T59	ipr-mus TDLo:50 mg/kg (9D preg)	ARZNAD 29,1640,79
2T25T59	orl-rbt TDLo:900 mg/kg (7-12D preg)	NATUAS 215,296,67

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:700 mg/kg	NATUAS 215,296,67

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BCSTB5 2(4),695,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TI4950000 PHTHALIMIDE, N-(2,3-EPOXYPROPYL)-
UPDT:8401 CAS: 5455-98-1 MW: 203.21 MOLFM: C11-H9-N-O3
SYN: N-(2,3-EPOXYPROPYL)-PHTHALIMIDE * N-GLYCIDYLPHTHALIMIDE * 1H-ISOINDOLE-1,3(2H)-DIONE, 2-(OXIRANYLMETHYL)- (9CI)
IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MLD	TXAPA9 51,197,79
	eye-rbt 100 mg SEV	TXAPA9 51,197,79

MUTATION DATA AND REFERENCES:

	mmo-sat 500 ng/plate	MUREAV 68,251,79
	mmo-sat 5 mg/plate	MUREAV 68,251,79
	mmo-klp 5 umol/L	MUREAV 89,269,81

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:4700 mg/kg	TXAPA9 51,197,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TI5175800 PHTHALIMIDE, N-((HEXAHYDRO-1H-AZEPIN-1-YL)METHYL)-
UPDT:8303 MW: 258.35 MOLFM: C15-H18-N2-O2
SYN: N-((HEXAHYDRO-1H-AZEPIN-1-YL)METHYL)PHTHALIMIDE
TOXICITY DATA AND REFERENCES:

3C08F13F19	ipr-mus LDLo:600 mg/kg	FRPSAX 18,750,63

TI5250000 PHTHALIMIDE, N-HYDROXY-, O-ETHYL O-ISOPROPYL PHOSPHOROTHIOATE
UPDT:8309 CAS: 3733-84-4 MW: 298.36 MOLFM: C13-H16-N-O5-S
SYN: BAY 18779 * BAYER 18779 * ENT 25,514 * O-(1,3-DIOXO-1H-ISOINDOL-2-YL) O-ETHYL O-(1-METHYLETHYL) PHOSPHOROTHIOATE * O-ETHYL O-ISOPROPYL O-PHTHALOXAMIDO PHOSPHOROTHIOATE * PHOSPHOROTHIOIC ACID, O-(1,3-DIOXO-1H-ISOINDOL-2-YL) O-ETHYL O-(1-METHYLETHYL) ESTER
TOXICITY DATA AND REFERENCES:

	orl-rat LD50:250 mg/kg	ARSIM* 20,3,66
	orl-ckn LD50:111 mg/kg	TXAPA9 6,147,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHTHALIMIDE, N-(MERCAPTOMETHYL)-, S-ESTER with O,O-DIMETHYL PHOSPHORODITHIOATE see: TE2275000

TI5602500 PHTHALIMIDE, N-((4-(p-METHOXYBENZYL)-1-PIPERAZINYL)METHYL)-
UPDT:8303 MW: 365.47 MOLFM: C21-H23-N3-O3
SYN: N-((4-(p-METHOXYBENZYL)-1-PIPERAZINYL)METHYL)PHTHALIMIDE
TOXICITY DATA AND REFERENCES:

3C08F13F19	ipr-mus LDLo:400 mg/kg	FRPSAX 18,750,63

TI5609700 PHTHALIMIDE, N-(1-(MORPHOLINOMETHYL)-2,6-DIOXO-3-PIPERIDYL)-
UPDT:8303 CAS: 10329-95-0 MW: 357.40 MOLFM: C18-H19-N3-O5
SYN: CG 601 * E-298 * 1H-ISOINDOLE-1,3(2H)-DIONE, 2-(1-(4-MORPHOLINYLMETHYL)-2,6-DIOXO-3-PIPERIDINYL)- (9CI) * 1-METHYL-MORPHOLINO-3-PHTHALIMIDO-GLUTARIMIDE * N-(1-(MORPHOLINOMETHYL)-2,6-DIOXO-3-PIPERIDYL)PHTHALIMIDE * 1-MORPHOLINOMETHYLTHALIDOMIDE * MORPHOLINO-THALIDOMIDE
TOXICITY DATA AND REFERENCES:

2N02N30	ipr-rat LD50:1300 mg/kg	AIPTAK 194,39,71
2N02N30	orl-mus LD50:3000 mg/kg	AIPTAK 194,39,71
2N02N30	ipr-mus LD50:840 mg/kg	AIPTAK 194,39,71

TI5609710 PHTHALIMIDE, N-(1-(MORPHOLINOMETHYL)-2,6-DIOXO-4-PIPERIDYL)-
UPDT:8303 CAS: 10329-96-1 MW: 357.40 MOLFM: C18-H19-N3-O5
SYN: CG 603 * E-352 * 1H-ISOINDOLE-1,3(2H)-DIONE, 2-(1-(4-MORPHOLINYLMETHYL)-2,6-DIOXO-4-PIPERIDINYL)- (9CI) * 1-METHYL-MORPHOLINO-4-PHTHALIMIDO-GLUTARIMIDE * N-(1-(MORPHOLINOMETHYL)-2,6-DIOXO-4-PIPERIDYL)PHTHALIMIDE * MORPHOLINO-beta-THALIDOMIDE

TOXICITY DATA AND REFERENCES:

2N02N30	ipr-rat LD50:1620 mg/kg	AIPTAK 194,39,71
2N02N30	ipr-mus LD50:4250 mg/kg	AIPTAK 194,39,71

TI5635550 PHTHALIMIDE, N-((OCTAHYDRO-1(2H)-QUINOLYL)METHYL)-
UPDT:8303 MW: 298.42 MOLFM: C18-H22-N2-O2
SYN: N-((OCTAHYDRO-1(2H)-QUINOLYL)METHYL)PHTHALIMIDE

TOXICITY DATA AND REFERENCES:

3C08F13F19	ipr-mus LDLo:600 mg/kg	FRPSAX 18,750,63

TI5638400 PHTHALIMIDE, N-(2-(2-PYRIDYL)ETHYL)-, HYDROCHLORIDE
UPDT:8305 MW: 288.75 MOLFM: C15-H12-N2-O2 Cl-H
SYN: N-(2-(2-PYRIDYL)ETHYL)-PHTHALIMIDE HYDROCHLORIDE * WIN 3074

TOXICITY DATA AND REFERENCES:

2F07J30	orl-rat LD50:860 mg/kg	AIPTAK 88,142,51
2F07J30	ivn-rat LD50:72 mg/kg	AIPTAK 88,142,51
2F12J30	orl-mus LD50:360 mg/kg	AIPTAK 88,142,51
2F12J30	ivn-mus LD50:60 mg/kg	AIPTAK 88,142,51
2F12J30	ivn-gpg LD50:100 mg/kg	AIPTAK 88,142,51

TI5685000 PHTHALIMIDE, N-((TRICHLOROMETHYL)THIO)-
UPDT:8408 CAS: 133-07-3 MW: 296.55 MOLFM: C9-H4-Cl3-N-O2-S
SYN: FOLPAN * FOLPET * FTALAN * 1H-ISOINDOLE-1,3(2H)-DIONE, 2-((TRICHLOROMETHYL)THIO)- * ORTHOPHALTAN * PHALTAN * PHTHALTAN * THIOPHAL * N-(TRICHLOROMETHYLMERCPATO)PHTHALIMIDE * N-(TRICHLORMETHYLTHIO)PHTHALIMIDE * 2-((TRICHLOROMETHYL)THIO)-1H-ISOINDOLE-1,3(2H)-DIONE * N-(TRICHLOROMETHYLTHIO)PHTHALIMIDE

MUTATION DATA AND REFERENCES:

mmo-sat 16 nmol/plate	CRNGDP 2,283,81
mmo-sat 1 ug/plate	NTIS** PB268-647
mmo-esc 5 ug/plate	NTIS** PB268-647
mma-esc 5 ug/plate	NTIS** PB268-647
mmo-bcs 50 ug/plate	JAFCAU 29,268,81
mma-bcs 50 ug/plate	JAFCAU 29,268,81
mrc-bcs 10 ug/disc/24H	MUREAV 40,19,76
sln-dmg-orl 2000 ppm	JPFCD2 B15,867,80
mrc-smc 200 ppm	MUREAV 10,533,70
dns-hmn:fbr 100 umol/L	NTIS** PB268-647
cyt-hmn:lym 15 ug/L/15M	MUREAV 53,263,78
dlt-rat-orl 500 mg/kg/5D	FCTXAV 10,363,72
msc-mus:lym 270 ug/L	NTIS** PB84-138973
msc-ham:ovr 100 mg/L	ENMUDM 3,233,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	orl-rat TDLo:500 mg/kg (5D male)	FCTXAV 10,363,72
1T35	ipr-rat TDLo:500 mg/kg (5D male)	FCTXAV 10,363,72
3T26T31T34	scu-mus TDLo:900 mg/kg (6-14D preg)	NTIS** PB223-160
3T42T43T53	scu-mus TDLo:900 mg/kg (6-14D preg)	NTIS** PB223-160
1T25	orl-rbt TDLo:488 mg/kg (6-18D preg)	TXAPA9 13,420,68
1T35	orl-ham TDLo:500 mg/kg (8D preg)	TXAPA9 16,24,70
1T46	orl-ham TDLo:900 mg/kg (7D preg)	TXAPA9 16,24,70
1T41	orl-ham TDLo:600 mg/kg (7D preg)	TXAPA9 16,24,70

TUMORIGENIC DATA AND REFERENCES:

3V03J60P60	scu-mus TDLo:1000 mg/kg	NTIS** PB223-159

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:7540 mg/kg	GTPZAB 18(5),50,74
*	ipr-rat LD50:68400 ug/kg	JTEHD6 9,867,82
*	orl-mus LD50:1546 mg/kg	GTPZAB 18(5),50,74
*	orl-rbt LD50:1115 mg/kg	GTPZAB 18(5),50,74

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 32(1),3,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHTHALIMIDIMIDE see: NR3500000

TI5695000 PHTHALIMIDINE, 2-(2,6-DIOXOPIPERIDEN-3-yl)-
UPDT:8312 CAS: 26581-81-7 MW: 241.24 MOLFM: C13-H9-N2-O3
SYN: 3-(1,3-DIHYDRO-1-OXO-2H-ISOINDOL-2-YL)-2,6-DIOXOPIPERIDINE * 2-(2,6-DIOXOPIPERIDEN-3-YL) PHTHALIMIDINE * EM 12

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T35	orl-rat TDLo:1 gm/kg (9-12D preg)	TJADAB 5,233,72
3T46T49T53	ivn-rat TDLo:15 mg/kg (9-11D preg)	TJADAB 5,233,72
2T25T35	ivn-rat TDLo:15 mg/kg (9-11D preg)	TJADAB 5,233,72
1T46	orl-rbt TDLo:50 mg/kg (9D preg)	TJADAB 5,233,72
2T25T35	orl-rbt TDLo:150 mg/kg (8D preg)	TJADAB 5,233,72
3T41T42T47	orl-rbt TDLo:400 mg/kg (8-15D preg)	ARZNAD 31,941,81
1T51	orl-rbt TDLo:400 mg/kg (8-15D preg)	ARZNAD 31,941,81
3T25T35T59	ivn-rbt TDLo:40 mg/kg (9-12D preg)	TJADAB 5,233,72

TOXICITY DATA AND REFERENCES:

1F07	orl-mus LD50:6000 mg/kg	ARZNAD 31,941,81
1F07	ipr-mus LD50:1830 mg/kg	ARZNAD 31,941,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TI5695400 PHTHALIMIDINE, 2-ETHYL-3-(beta-PIPERIDINO-p-PHENETIDINO)-
UPDT:8408 CAS: 21590-92-1 MW: 379.55 MOLFM: C23-H29-N3-O2
SYN: AMIDOLINE * 2-ETHYL-2,3-DIHYDRO-3-((4-(2-(1-PIPERIDINYL)ETHOXY)PHENYL)AMINO)-1H-ISOINDOL-1-ONE * 2-ETHYL-3-(beta-PIPERIDINO-p-PHENETIDINO)PHTHALIMIDINE * ETOMIDOLINE * 1H-ISOINDOL-1-ONE, 2-ETHYL-2,3-DIHYDRO-3-((4-(2-(1-PIPERIDINYL)ETHOXY)PHENYL)AMINO)- (9CI) * K 2680 * SMEDOLIN

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:695 mg/kg	NIIRDN 6,118,82
*	orl-mus LD50:168 mg/kg	NIIRDN 6,118,82
*	ivn-mus LD50:45 mg/kg	USXXAM #3624206

TI5696100 PHTHALIMIDINE, 3-(p-(3-PIPERIDINOPROPIONYL)ANILINO)-
UPDT:8408 MW: 362.49 MOLFM: C22-H24-N3-O2
SYN: 1-OXO-3-(AMINOPHENYL-p-PROPIONYLPIPERIDINO)ISOINDOLINE * 3-(p-(3-PIPERIDINOPROPIONYL)ANILINO)PHTHALAMIDINE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:357 mg/kg	USXXAM #3624206
*	ivn-mus LD50:55 mg/kg	USXXAM #3624206

2-PHTHALIMIDO-4-p-CHLOROPHENYLTHIAZOLE-5-ACETIC ACID METHYL ESTER see: XJ1850000
PHTHALIMIDO O,O-DIMETHYL PHOSPHORODITHIOATE see: TE2275000
DL-4-PHTHALIMIDOGLUTARAMIC ACID METHYL ESTER see: MA2910000
alpha-PHTHALIMIDOGLUTARIMIDE see: TI4375000
alpha-(N-PHTHALIMIDO)GLUTARIMIDE see: TI4375000
3-PHTHALIMIDOGLUTARIMIDE see: TI4375000
N-(PHTHALIMIDO)METHYL dl-cis-trans-CHRYSANTHEMATE see: GZ1458000
PHTHALIMIDOMETHYL O,O-DIMETHYL PHOSPHORODITHIOATE see: TE2275000
(PHTHALOCYANINATO(2-))MAGNESIUM see: OM4205000
PHTHALOCYANINE BLUE 01206 see: NR3500000
PHTHALODINITRILE see: TI8575000
m-PHTHALODINITRILE see: CZ1900000
o-PHTHALODINITRILE see: TI8575000
p-PHTHALODINITRILE see: CZ1925000

TI8225000 o-PHTHALODINITRILE, TETRACHLORO-
UPDT:8407 CAS: 1953-99-7 MW: 265.90 MOLFM: C8-Cl4-N2
SYN: 1,2-BENZENEDICARBONITRILE, 3,4,5,6-TETRACHLORO- (9CI) * o-TCPN * o-TETRACHLOROPHTHALODINITRILE * TETRACHLOROPHTHALONITRILE * 3,4,5,6-TETRACHLOROPHTHALONITRILE

TOXICITY DATA AND REFERENCES:

1F07	orl-mus LD50:13720 mg/kg	INHEAO 4,11,66
1F07	ipr-mus LD50:66 mg/kg	INHEAO 4,11,66
1F07	scu-mus LD50:3500 mg/kg	INHEAO 4,11,66

TI8275000 p-PHTHALODINITRILE, TETRACHLORO-
UPDT:8407 CAS: 1897-41-2 MW: 265.90 MOLFM: C8-Cl4-N2
SYN: 1,4-BENZENEDICARBONITRILE, 2,3,5,6-TETRACHLORO- * p-TCPN * p-TETRACHLOROPHTHALODINITRILE

TOXICITY DATA AND REFERENCES:

2F07K30	ipr-mus LD50:1581 mg/kg	INHEAO 4,11,66

PHTHALOGEN see: NR3500000
PHTHALOL see: TI1050000

TI8575000 PHTHALONITRILE
UPDT:8407 CAS: 91-15-6 MW: 128.14 MOLFM: C8-H4-N2
SYN: o-DICYANOBENZENE * 1,2-DICYANOBENZENE * o-PDN * PHTHALIC ACID DINITRILE * PHTHALODINITRILE * o-PHTHALODINITRILE * USAF ND-09

TUMORIGENIC DATA AND REFERENCES:

3V03L60P61	orl-rat TDLo:7425 mg/kg/66W-I	VOONAW 18(1),81,72
3V03L60P61	scu-rat TDLo:473 mg/kg/21W-I	VOONAW 18(1),81,72
3V03L60P61	orl-mus TDLo:21 gm/kg/65W-I	VOONAW 18(1),81,72
3V03P61T63	skn-mus TDLo:813 mg/kg/46W-I	VOONAW 18(1),81,72
3V03P61V10	scu-mus TDLo:7 gm/kg/63W-I	VOONAW 18(1),81,72

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:62 mg/kg	KJMDA6 11,63,65
1F12	orl-mus LD50:65 mg/kg	INHEAO 4,11,66
	ipr-mus LD50:25 mg/kg	NTIS** AD277-689
1F12	scu-mus LD50:46 mg/kg	INHEAO 4,11,66

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHTHALOPHOS see: TE2275000
PHTHALOYLBIS(IMINOETHYLENE)BIS(TRIMETHYLAMMONIUM IODIDE) see: BS3853000
m-PHTHALOYL CHLORIDE see: NT2625000
N-PHTHALOYL-L-GLUTAMIC ACID see: MA3810000
N-PHTHALOYL-DL-GLUTAMIC ACID see: MA2860000
N-PHTHALOYLGLUTAMIMIDE see: TI4375000
N-alpha-PHTHALOYL-DL-ISOGLUTAMINE METHYL ESTER see: MA2910000
PHTHALSAEUREANHYDRID (German) see: TI3150000
PHTHALSAEUREDIMETHYLESTER (German) see: TI1575000
PHTHALTAN see: TI5685000
PHTHALTHRIN see: GZ1730000
d-PHTHALTHRIN see: GZ1730000
N-PHTHALYLGLUTAMIC ACID see: MA3810000
N-PHTHALYL-D,L-GLUTAMIC ACID see: MA3810000
N-PHTHALYL-L-GLUTAMIC ACID see: MA3820000
N-PHTHALYLGLUTAMIC ACID IMIDE see: TI4375000
N-PHTHALYL-GLUTAMINSAEURE-IMID (German) see: TI4375000
N-PHTHALYL-DL-GLUTAMINSAURE (German) see: MA3810000
N-PHTHALYL-L-GLUTAMINSAURE (German) see: MA3820000
alpha-N-PHTHALYLGLUTARAMIDE see: TI4375000
PHTHIOCOL see: QL8485000
PHTHISEN see: NS1750000
PHYBAN see: PA2625000
PHYBAN H.C. see: PA2625000
PHYCITOL see: KF2000000
PHYGON see: QL7525000
PHYGON PASTE see: QL7525000
PHYGON SEED PROTECTANT see: QL7525000
PHYGON XL see: QL7525000
PHYLAXIA see: JZ2695000
PHYLCARDIN see: XH5600000

TJ1802000 PHYLLANTHES PARVIFOLIUS Buch.-Ham., extract
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 7,250,69)
UPDT:8302

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:175 mg/kg	IJEBA6 7,250,69

TJ1805000 PHYLLANTHUS MADERASPATENSIS Linn., extract
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 6,232,68)
UPDT:8307
SYN: NALAUSEREKI EXTRACT

TOXICITY DATA AND REFERENCES:

1U26	ipr-mus LD50:750 mg/kg	IJEBA6 6,232,68

TJ1806000 PHYLLANTHUS POLYPHYLLUS Willd., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 12,512,74)
UPDT:8302

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:750 mg/kg	IJEBA6 12,512,74

PHYLLINDON see: XH5600000

TJ1810600 PHYLLOCHLAMYS SPINOSA Bureau, extract excluding roots
DEF:Indian plant belonging to the family MORACEAE (IJEBA6 18,594,80)
UPDT:8412

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:500 mg/kg	IJEBA6 18,594,80

PHYLLOCONTIN see: XH5600000
PHYMONE see: QJ0875000
PHYOL see: TO7385000
PHYOMONE see: QJ0875000
PHYONE see: TO7385000
PHYSALIA PHYSALIS TOXIN see: XW5868200

TJ1890000 PHYSALIN-X
UPDT:8306 CAS: 72497-31-5

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T27	orl-rat TDLo:700 mg/kg (8-14D preg)	IJEBA6 17,690,79

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:2 mg/kg	IJEBA6 17,690,79
*	ipr-mus LD50:1 gm/kg	IJEBA6 17,690,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TJ1900000 PHYSALIS PERUVIANA Linn., extract
DEF:Indian plant belonging to the family SOLANACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: RASBHARI extract

TOXICITY DATA AND REFERENCES:

1M10	ipr-mus LD50:125 mg/kg	IJEBA6 15,208,77

PHYSCION see: CB6720000
PHYSEPTONE see: MJ5950000
PHYSEPTONE HYDROCHLORIDE see: MJ6130000
PHYSEX see: MD6953000
PHYSIOMYCINE see: QI9276000

TJ2100000 PHYSOSTIGMINE
UPDT:8403 CAS: 57-47-6 MW: 275.39 MOLFM: C15-H21-N3-O2
SYN: CARBAMIC ACID, METHYL-, ester with ESEROLINE * ERSERINE * ESERINE * ESEROLEIN, METHYLCARBAMATE (ester) * PHYSOSTOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T21 ipr-rat TDLo:333 ug/kg (1D male) ANENAG 24(Suppl 3),1,63
2T83T85 ipr-mus TDLo:50 ug/kg (13D preg) FEPRA7 31,596,72
TOXICITY DATA AND REFERENCES:
3F24J22K13 orl-hmn TDLo:20 mg/kg 34ZIAG -,475,69
unk-man LDLo:882 ug/kg 85DCAI 2,73,70
scu-rat LDLo:2192 ug/kg TXAPA9 25,569,73
orl-mus LD50:4500 ug/kg TXAPA9 21,153,72
3F23J22J24 ipr-mus LD50:644 ug/kg FATOAO 43,717,80
* scu-mus LDLo:30 ug/kg FEPRA7 5,184,46
ivn-mus LD50:450 ug/kg RPTOAN 34,2,71
3F2:K01K09 scu-dog LDLo:1138 ug/kg FEPRA7 5,184,46
ivn-cat LDLo:250 ug/kg AEXPBL 53,313,05
1Y01 orl-rbt LD50:11200 ug/kg DCTODJ 3,319,80
ivn-rbt LDLo:500 ug/kg JPETAB 43,413,31
1Y01 ims-rbt LD50:2200 ug/kg DCTODJ 3,319,80
scu-pgn LDLo:450 ug/kg HBAMAK 4,1289,35
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PHYSOSTIGMINE SO4 see: UY8585000
PHYSOSTIGMINE SULFATE see: UY8585000
PHYSOSTIGMINE SULPHATE see: UY8585000
PHYSOSTOL see: TJ2100000
PHYTAR see: CH7525000
PHYTAR 138 see: CH7525000
PHYTAR 560 see: CH7700000
PHYTAR 560 see: CH7525000
PHYTIC ACID see: NM7525000
PHYTO-BORDEAUX see: GL8800000
PHYTOGERMINE see: DJ2900000

TJ3490000 PHYTOL
UPDT:8401 CAS: 150-86-7 MW: 296.60 MOLFM: C20-H40-O
SYN: 2-HEXADECEN-1-OL, 3,7,11,15-TETRAMETHYL-, (R-(R*,R*-(E)))- (9CI) * trans-PHYTOL * 3,7,11,15-TETRAMETHYL-2-HEXADECEN-1-OL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),811,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

trans-PHYTOL see: TJ3490000

TJ3493000 PHYTOLACCA ACINOSA Roxb., extract
DEF:Indian plant belonging to the family PHYTOLACACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2F07M10 ipr-rat LD50:350 mg/kg IJEBA6 16,228,78

TJ3494000 PHYTOLACCA DODECANDRA, extract
UPDT:8405
SYN: ENDOD, extract
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 iut-rat TDLo:2500 ug/kg (4D preg) CCPTAY 14,39,76
1T25 iut-rat TDLo:500 ug/kg (6D preg) CCPTAY 14,39,76
1T22 iut-rat TDLo:500 ug/kg (1D preg) CCPTAY 14,39,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TJ3495000 PHYTOLACCA DODECANDRA, berry extract
DEF:An African tropical plant with pesticidal potential (ENMUDM 5,687,83)
UPDT:8404
MUTATION DATA AND REFERENCES:
mma-sat 100 mg/plate ENMUDM 5,687,83

PHYTOMELIN see: VM2975000
PHYTOMYCIN see: WK4990000
PHYTOSOL see: TB0700000
L-PIA see: AU7404930
PIACCAMIDE see: BP0693200
PIANADALIN see: YS2975000
PIANIZOL see: YU1610000
PIAPONON see: TW0175000
PIATHERM see: YU1610000
PIATHERM D see: YU1610000
PICCAKS, extract (Indian) see: JX2799000 EHRETIA MICROPHYLLA Lamk., extract excluding roots
PIC-CLOR see: PB6300000
PICCOFLEX see: AT6978000
PICCOLASTIC see: WL6475000
PICCOLASTIC A see: WL6475000
PICCOLASTIC A 5 see: WL6475000
PICCOLASTIC A 25 see: WL6475000
PICCOLASTIC A 50 see: WL6475000
PICCOLASTIC A 75 see: WL6475000
PICCOLASTIC C 125 see: WL6475000
PICCOLASTIC D see: WL6475000
PICCOLASTIC D-100 see: WL6475000
PICCOLASTIC D 125 see: WL6475000
PICCOLASTIC D 150 see: WL6475000
PICCOLASTIC E 75 see: WL6475000
PICCOLASTIC E 100 see: WL6475000
PICCOLASTIC E 200 see: WL6475000

TJ3690000 PICEA ABIES (Linn.) Karst., extract excluding roots
DEF:Indian plant belonging to the family PINACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: TOSH EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg IJEBA6 9,91,71

TJ3692000 PICEA MORINDA Link., extract excluding roots
DEF:Indian plant belonging to the family PINACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: PICEA SMITHIANA (Wall.) Boiss., extract excluding roots
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg IJEBA6 7,250,69

PICEA SMITHIANA (Wall.) Boiss., extract excluding roots see: TJ3692000
PICENADOL see: SL2261000

TJ3700000 PICENE
UPDT:8401 CAS: 213-46-7 MW: 278.36 MOLFM: C22-H14
SYN: 3,4-BENZCHRYSENE * BENZO(a)CHRYSENE * beta,beta-BINAPHTHYLENEETHENE * DIBENZO(a,i)PHENANTHRENE * 1,2,7,8-DIBENZOPHENANTHRENE
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:111 mg/kg JNCIAM 50,1717,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PICFUME see: PB6300000
PICLORAM see: TJ7525000

TJ4300000 PICOLINAMIDE, 5-BUTYL-N-(2-(DIETHYLAMINO)ETHYL)-, HYDROCHLORIDE
UPDT:8307 MW: 313.92 MOLFM: C16-H27-N3-O Cl-H
SYN: 5-BUTYL-N-(2-(DIETHYLAMINO)ETHYL)PICOLINAMIDE HYDROCHLORIDE * N,N-DIETHYLAMINOETHANOLAMINE HYDROCHLORIDE of FUSARIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:156 mg/kg PCJOAU 12,614,78

PICOLINE see: TJ4900000
alpha-PICOLINE see: TJ4900000
gamma-PICOLINE see: UT5425000

TJ4900000 2-PICOLINE
UPDT:8407 CAS: 109-06-8 MW: 93.14 MOLFM: C6-H7-N
SYN: alpha-METHYLPYRIDINE * 2-METHYLPYRIDINE * PICOLINE * alpha-PICOLINE * o-PICOLINE (DOT) * PYRIDINE, 2-METHYL- * RCRA WASTE NUMBER U191 * UN 2313 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
skn-rbt 470 mg open MLD UCDS** 2/21/58
eye-rbt 750 ug open SEV AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:790 mg/kg HYSAAV 33,341,68
ihl-rat LCLo:4000 ppm/4H AMIHBC 4,119,51
orl-mus LD50:674 mg/kg HYSAAV 33,341,68
skn-rbt LD50:410 mg/kg AMIHBC 4,119,51
orl-gpg LD50:900 mg/kg HYSAAV 33,341,68
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TJ5000000 3-PICOLINE
CAS: 108-99-6 MW: 93.14 MOLFM: C6-H7-N
SYN: 3-METHYLPYRIDINE * m-PICOLINE (DOT) * PYRIDINE, 3-METHYL- (9CI) * UN 2313 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

4-PICOLINE see: UT5425000

TJ5150000 4-PICOLINE, 2-AMINO-
UPDT:8403 CAS: 695-34-1 MW: 108.16 MOLFM: C6-H8-N2
SYN: alpha-AMINO-gamma-PICOLINE * 2-AMINO-4-METHYLPYRIDINE * 2-AMINO-4-PICOLINE * ASCENSIL * 4M2AP * METHYL-4 AMINO-2-PYRIDINE * 4-METHYL-2-AMINOPYRIDINE * 4-PICOLYLAMINE * PYRIDINE, 2-AMINO-4-METHYL- * RA 1226 * W 45 * W 45 RASCHIG
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:39 mg/kg APFRAD 26,345,68
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TJ5363000 4-PICOLINE, 2-AMINO-, HYDROCHLORIDE
UPDT:8303 MW: 144.62 MOLFM: C6-H8-N2 Cl-H
SYN: ASCENSIL HYDROCHLORIDE * 4M2AP HYDROCHLORIDE * 2-PYRIDINAMINE, 4-METHYL-, HYDROCHLORIDE (9CI) * RA 1226 HYDROCHLORIDE * VMI 20-4 * W 45 HYDROCHLORIDE * W 45 RASCHIG HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1H01 ipr-mam LD50:210 mg/kg PBFMAV 5,125,77

TJ5385000 2-PICOLINE, 4-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)-
UPDT:8412 MW: 288.85 MOLFM: C17-H21-Cl-N2
TOXICITY DATA AND REFERENCES:
* scu-gpg LD50:332 mg/kg YKKZAJ 76,1430,56

2-PICOLINE-4,5-DIMETHANOL, 3-HYDROXY- see: UV1300000

TJ5420000 2-PICOLINE, 4-(alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)-
UPDT:8411 MW: 254.41 MOLFM: C17-H22-N2
TOXICITY DATA AND REFERENCES:
* scu-gpg LD50:150 mg/kg YKKZAJ 76,1430,56

TJ5425000 2-PICOLINE, 4-((p-(DIMETHYLAMINO)PHENYL)AZO)-
UPDT:8401 CAS: 63019-78-3 MW: 240.34 MOLFM: C14-H16-N4
SYN: 2-METHYLPYRIDINE-4-AZO-p-DIMETHYLANILINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:5550 mg/kg/22W-C CNREA8 14,715,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-PICOLINE, 4-((4-(DIMETHYLAMINO)PHENYL)AZO)-, 1-OXIDE see: BX6650000

TJ5775000 3-PICOLINE, 4-((p-(DIMETHYLAMINO)PHENYL)AZO)-, 1-OXIDE
UPDT:8401 CAS: 31932-35-1 MW: 256.34 MOLFM: C14-H16-N4-O
SYN: ANILINE, N,N-DIMETHYL-4-(4'-(3'-METHYLPYRIDYL-1'-OXIDE)AZO)- * N,N-DIMETHYL-4-(4'-(3'-METHYLPYRIDYL-1'-OXIDE)AZO)ANILINE * 3-METHYLPYRIDINE-1-OXIDE-4-AZO-p-DIMETHYL-ANILINE
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:3700 mg/kg/35W-C JNCIAM 41,855,68
2V03L60 orl-rat TD :4284 mg/kg/17W-C JNCIAM 41,855,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TJ5950000 2-PICOLINE, 4-((4-(DIMETHYLAMINO)-m-TOLYL)AZO)-, 1-OXIDE
UPDT:8401 CAS: 7347-47-9 MW: 270.37 MOLFM: C15-H18-N4-O
SYN: 4-((4-(DIMETHYLAMINO)-m-TOLYL)AZO)-2-PICOLINE 1-OXIDE * N,N-DIMETHYL-2-METHYL-4-(4'-(2'-METHYLPYRIDYL-1'-OXIDE)AZO)ANILINE
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:2142 mg/kg/17W-C JNCIAM 37,365,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TJ6125000 2-PICOLINE, 4-((4-(DIMETHYLAMINO)-o-TOLYL)AZO)-, 1-OXIDE
UPDT:8401 CAS: 7347-48-0 MW: 270.37 MOLFM: C15-H18-N4-O
SYN: 4-((4-(DIMETHYLAMINO)-o-TOLYL)AZO)-2-PICOLINE 1-OXIDE * N,N-DIMETHYL-3-METHYL-4-(4'-(2'-METHYLPYRIDYL-1'-OXIDE)AZO)ANILINE * N,N-DIMETHYL-4-(4'-(2'-METHYLPYRIDYL-1'-OXIDE)AZO)-o-TOLUIDINE
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:2142 mg/kg/17W-C JNCIAM 37,365,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TJ6300000 3-PICOLINE, 4-((4-(DIMETHYLAMINO)-m-TOLYL)AZO)-, 1-OXIDE
UPDT:8401 CAS: 19456-74-7 MW: 270.37 MOLFM: C15-H18-N4-O
SYN: 4-((4-(DIMETHYLAMINO)-m-TOLYL)AZO)-3-PICOLINE 1-OXIDE * N,N,2-TRIMETHYL-4-(4'-(3'-METHYLPYRIDYL-1'-OXIDE)AZO)ANILINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:4284 mg/kg/17W-C JNCIAM 41,855,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TJ6475000 3-PICOLINE, 4-((4-(DIMETHYLAMINO)-o-TOLYL)AZO)-, 1-OXIDE
UPDT:8401 CAS: 19471-28-4 MW: 270.37 MOLFM: C15-H18-N4-O
SYN: 4-((4-(DIMETHYLAMINO)-o-TOLYL)AZO)-3-PICOLINE 1-OXIDE * N,N,3-TRIMETHYL-4-(4'-(3'-METHYLPYRIDYL-1'-OXIDE)AZO)ANILINE

TUMORIGENIC DATA AND REFERENCES:

2V03L60	orl-rat TDLo:4284 mg/kg/17W-C	JNCIAM 41,855,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

m-PICOLINE (DOT) see: TJ5000000
o-PICOLINE (DOT) see: TJ4900000
p-PICOLINE (DOT) see: UT5425000

TJ6825000 2-PICOLINE, 5-ETHYL-
UPDT:8412 CAS: 104-90-5 MW: 121.20 MOLFM: C8-H11-N
SYN: ALDEHYDECOLLIDINE * ALDEHYDINE * COLLIDINE, ALDEHYDECOLLIDINE * 3-ETHYL-6-METHYLPYRIDINE * 5-ETHYL-2-METHYLPYRIDINE * 5-ETHYL-alpha-PICOLINE * 5-ETHYL-2-PICOLINE * MEP * 2-METHYL-5-ETHYLPYRIDINE * 6-METHYL-3-ETHYLPYRIDINE * METHYL ETHYL PYRIDINE (DOT) * 2-METHYL-5-ETHYLPYRIDINE (DOT) * PYRIDINE, 5-ETHYL-2-METHYL- * UN 2300 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open SEV	AMIHBC 4,119,51
	skn-rbt 500 mg open SEV	UCDS** 6/29/66
	eye-rbt 250 ug open SEV	AMIHBC 4,119,51

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:368 mg/kg	85GMAT -,83,82
*	ihl-rat LCLo:1000 ppm/4H	AMIHBC 4,119,51
*	scu-rat LD50:826 mg/kg	85GMAT -,83,82
*	orl-mus LD50:282 mg/kg	85GMAT -,83,82
*	scu-mus LD50:294 mg/kg	85GMAT -,83,82
	skn-rbt LD50:1000 mg/kg	UCDS** 6/29/66

STANDARDS & REGULATIONS:

★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE	CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS	CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-PICOLINE, 5-VINYL- see: UT2975000

TJ7344000 PICOLINIC ACID
UPDT:8308 CAS: 98-98-6 MW: 123.12 MOLFM: C6-H5-N-O2
SYN: ACIDE PICOLIQUE (French) * 2-CARBOXYPYRIDINE * o-PYRIDINECARBOXYLIC ACID * alpha-PYRIDINECARBOXYLIC ACID * 2-PYRIDINECARBOXYLIC ACID (9CI) * PYRIDINE-CARBOXYLIQUE-2 (French)

TOXICITY DATA AND REFERENCES:

1Y21	ipr-mus LD50:360 mg/kg	CPBTAL 17,2377,69
1Y21	ivn-mus LD50:487 mg/kg	THERAP 23,1343,68

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

alpha-PICOLINIC ACID see: NS1103000

TJ7350000 PICOLINIC ACID, 5-AMINO-6-(7-AMINO-5,8-DIHYDRO-6-METHOXY-5,8-DIOXO-2-QUINOLYL)-4-(2- HYDROXY-3,4-DIMETHOXYPHENYL)-3-METHYL-
UPDT:8408 CAS: 3930-19-6 MW: 506.51 MOLFM: C25-H22-N4-O8
SYN: BRUNEOMYCIN * NIGRIN * NSC 45383 * 5278 R.P. * RUFOCHROMOMYCIN * RUFOCROMOMYCINE * SN * STREPTONIGRAN * STREPTONIGRIN * VALACIDIN

MUTATION DATA AND REFERENCES:

	mmo-sat 100 ng/plate	PNASA6 79,7445,82
	dnd-esc 20 umol/L	MUREAV 89,95,81
	pic-esc 50 ug/L	APMBAY 12,234,64
	mmo-omi 50 umol/L	MUREAV 2,470,65
	mmo-nsc 360 umol/L/4H-C	ENMUDM 1,133,79
	mmo-eug 100 mg/L	NEOLA4 19,579,72
	dni-eug 100 mg/L	NEOLA4 19,579,72
	dns-hmn:fbr 1 umol/L/90M	IJCNAW 16,284,75
	dni-hmn:fbr 125 ug/L	CNREA8 43,2700,83
	dni-hmn:hla 1 umol/L	BCPCA6 14,205,65
	oms-hmn:hla 1 umol/L	BCPCA6 14,205,65
	oms-hmn:leu 10 ug/L	PNASA6 50,16,63
	oms-hmn:leu 10 ug/L	PNASA6 50,16,63
	cyt-hmn:lym 5 ug/L	SOGEBZ 5,1389,69
	cyt-hmn:fbr 5 ug/L	SOGEBZ 5,1389,69
	cyt-hmn:leu 1 ug/L	CANCAR 20,31,67
	dni-mus:mmr 10 umol/L	BBACAQ 108,394,65
	oms-mus:mmr 10 umol/L	BBACAQ 108,394,65
	cyt-mus-par 90 ug/kg	MUREAV 53,106,78
	cyt-mus:oth 100 ug/L	SCIEAS 157,453,67
	cyt-mus-ivn 5 mg/kg	MUREAV 60,329,79
	sce-mus-ivn 5 mg/kg	MUREAV 60,329,79
	dnd-mam:lym 400 mg/L	CBINA8 36,179,81
	cyt-rbt-ivn 50 ug/kg	MUREAV 69,101,80
	cyt-rbt-unk 90 ug/kg	ENMUDM 5,452,83
	sce-rbt-par 90 ug/kg	ENMUDM 5,813,83
	sce-rbt:lym 5 ug/L	ENMUDM 5,813,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	ipr-rat TDLo:100 ug/kg (10D preg)	CCROBU 53,23,69
3T41T43T46	ipr-rat TDLo:100 ug/kg (9D preg)	CCROBU 53,23,69
3T45T52T53	ipr-rat TDLo:200 ug/kg (9D preg)	CCROBU 53,23,69
1T33	par-rat TDLo:250 ug/kg (11D preg)	JEEMAF 18,215,67
2T25T34	unk-rat TDLo:100 ug/kg (11D preg)	85DJA5 -,95,71
1T59	unk-rat TDLo:100 ug/kg (2D preg)	85DJA5 -,95,71
2T25T29	ivn-rbt TDLo:90 ug/kg (1D pre)	MUREAV 127,73,84

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:2330 ug/kg	ANTBAL 12,132,67
*	ipr-mus LD50:750 ug/kg	85GDA2 3,332,80
	scu-mus LD50:1000 ug/kg	COREAF 261,4911,65
*	ivn-mus LD50:500 ug/kg	85ERAY 2,1359,78
	orl-dog LD50:500 ug/kg	ANTBAL 11,1090,66
	orl-rbt LD50:570 mg/kg	JJANAX 29,439,76
	ivn-rat LD50:600 ug/kg	ANTBAL 12,132,67

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARVPAX 5,447,65

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TJ7525000 PICOLINIC ACID, 4-AMINO-3,5,6-TRICHLORO-
UPDT:8412 CAS: 1918-02-1 MW: 241.46 MOLFM: C6-H3-Cl3-N2-O2
SYN: AMDON GRAZON * 4-AMINO-3,5,6-TRICHLOROPICOLINIC ACID * 4-AMINO-3,5,6-TRICHLORO-2-PICOLINIC ACID * 4-AMINO-3,5,6-TRICHLORPICOLINSAEURE (German) * ATCP * BOROLIN * CHLORAMP (Russian) * K-PIN * NCI-C00237 * PICLORAM * TORDON * TORDON 10K * TORDON 22K * TORDON 101 MIXTURE * 3,5,6-TRICHLORO-4-AMINOPICOLINIC ACID

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	orl-rat TDLo:5 gm/kg (6-15D preg)	FCTXAV 10,797,72
1T53	orl-rat TDLo:7500 mg/kg (6-15D preg)	FCTXAV 10,797,72

TUMORIGENIC DATA AND REFERENCES:

3V01N60N62	orl-rat TDLo:208 mg/kg/80W-C	JTEHD6 7,207,81
3V02N60N62	orl-mus TDLo:340 gm/kg/80W-C	JTEHD6 7,207,81
2V03L60	orl-rat TD :208 gm/kg/80W-C	NCITR* NCI-CG-TR-23,78
3V02L60N60	orl-rat TD :416 gm/kg/80W-C	NCITR* NCI-CG-TR-23,78
3V01N60N62	orl-rat TD :417 gm/kg/80W-C	JTEHD6 7,207,81

TOXICITY DATA AND REFERENCES:

1P14	orl-rat LD50:2898 mg/kg	GNAMAP 15,38,76
1P14	orl-mus LD50:1061 mg/kg	GNAMAP 15,38,76
	orl-rbt LD50:2000 mg/kg	GUCHAZ 6,414,73
1P14	orl-gpg LD50:1922 mg/kg	GNAMAP 15,38,76
	orl-ckn LD50:4000 mg/kg	PCOC** -,1144,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DTTIAF 80(20),485,73

★ TLV-TWA 10 mg/m3; STEL 20 mg/m3	DTLVS* 4,341,80

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NCITR* NCI-CG-TR-23,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-23,78)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TJ7535000 PICOLINIC ACID, 6-CHLORO-
UPDT:8406 CAS: 4684-94-0 MW: 157.56 MOLFM: C6-H4-Cl-N-O2
SYN: 6-CHLOROPICOLINIC ACID * 6-CPA * 2-PYRIDINECARBOXYLIC ACID, 6-CHLORO-

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2180 mg/kg	DOEAAH 32,22,76
*	unk-rat LD50:1487 mg/kg	GISAAA 48(4),52,83
*	unk-mus LD50:777 mg/kg	GISAAA 48(4),52,83

TJ7540000 PICOLINIC ACID, 5-(3-CHLOROBUTYL)-
UPDT:8408 CAS: 49751-46-4 MW: 213.68 MOLFM: C10-H12-Cl-N-O2
SYN: 5-(3-CHLOROBUTYL)PICOLINIC ACID * 5-(3-CHLOROBUTYL)-2-PYRIDINECARBOXYLIC ACID * 2-PYRIDINECARBOXYLIC ACID, 5-(3-CHLOROBUTYL)-

TOXICITY DATA AND REFERENCES:

1H02	orl-mus LD50:278 mg/kg	ARZNAD 25,55,75

TJ7542000 PICOLINIC ACID, 5-(4-CHLOROBUTYL)-
UPDT:8408 CAS: 41135-83-5 MW: 213.68 MOLFM: C10-H12-Cl-N-O2
SYN: 5-(4-CHLORBUTYL)PICOLINSAEURE (German) * 5-(4-CHLOROBUTYL)PICOLINIC ACID * 5-(4'-CHLOROBUTYL)PICOLINIC ACID * 5-(4-CHLOROBUTYL)-2-PYRIDINECARBOXYLIC ACID * FD 008 * 2-PYRIDINECARBOXYLIC ACID, 5-(4-CHLOROBUTYL)-

TOXICITY DATA AND REFERENCES:

1H02	orl-mus LD50:470 mg/kg	ARZNAD 25,55,75

TJ7550200 PICOLINIC ACID, 5-(5-CHLOROPENTYL)-
UPDT:8408 CAS: 49751-44-2 MW: 227.71 MOLFM: C11-H14-Cl-N-O2
SYN: 5-(5-CHLOROPENTYL)-2-PYRIDINECARBOXYLIC ACID * 2-PYRIDINECARBOXYLIC ACID, 5-(5-CHLOROPENTYL)-

TOXICITY DATA AND REFERENCES:

1H02	orl-mus LD50:530 mg/kg	ARZNAD 25,55,75

PICOLINIC ACID ESTER with CHOLINE IODIDE see: GA4890000

TJ7554600 PICOLINIC ACID, 5-ISOPENTYL-
UPDT:8408 CAS: 49751-50-0 MW: 193.27 MOLFM: C11-H15-N-O2
SYN: 5-ISOPENTYLPICOLINIC ACID * 5-(3-METHYLBUTYL)-2-PYRIDINECARBOXYLIC ACID * 2-PYRIDINECARBOXYLIC ACID, 5-(3-METHYLBUTYL)-

TOXICITY DATA AND REFERENCES:

1H02	orl-mus LD50:305 mg/kg	ARZNAD 25,55,75

TJ7560000 2-PICOLINIUM, 1-((4-AMINO-2-PROPYL-5-PYRIMIDINYL)METHYL)-, CHLORIDE
UPDT:8405 CAS: 121-25-5 MW: 278.82 MOLFM: C14-H19-N4 Cl
SYN: 1-((4-AMINO-2-PROPYL-5-PYRIMIDINYL)METHYL)-2-METHYLPYRIDINIUM CHLORIDE * 1-((4-AMINO-2-PROPYL-5-PYRIMIDINYL)METHYL)-2-PICOLINIUM CHLORIDE * AMPROLIUM * AMPROLIUM CHLORIDE * AMPROVINE * ANTICOCCID * CORID

MUTATION DATA AND REFERENCES:

	mmo-sat 10 mg/plate	MUREAV 77,21,80

TJ7570000 2-PICOLINIUM, 1,1'-(p'p'-BIPHENYLENEBIS(CARBONYLMETHYL))DI-, DIBROMIDE
UPDT:8401 CAS: 20275-19-8 MW: 582.38 MOLFM: C28-H26-N2-O2 2Br
SYN: 2-PICOLINIUM, (4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))DI-, DIBROMIDE

TOXICITY DATA AND REFERENCES:

2K01J30	ipr-mus LD50:1500 ug/kg	JAPMA8 43,79,54
	ivn-mus LD50:2900 ug/kg	TXAPA9 27,666,74

TJ7610000 3-PICOLINIUM, 1,1'-(p'p'-BIPHENYLENEBIS(CARBONYLMETHYL))DI-, DIBROMIDE
UPDT:8401 CAS: 15172-86-8 MW: 582.38 MOLFM: C28-H26-N2-O2 2Br
SYN: 4,4'-BISACETOPHENONE-alpha,alpha'-DI(3-METHYLPYRIDINIUM)DIBROMIDE * 3-PICOLINIUM, (4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))DI-, DIBROMIDE

TOXICITY DATA AND REFERENCES:

2K01J30	ipr-mus LD50:50 ug/kg	JAPMA8 43,79,54
	ivn-mus LD50:69 ug/kg	TXAPA9 27,666,74

2-PICOLINIUM, (4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))DI-, DIBROMIDE see: TJ7570000
3-PICOLINIUM, (4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))DI-, DIBROMIDE see: TJ7610000

TJ7680000 4-PICOLINIUM, (4,4'-BIPHENYLYLENEBIS(2-OXOETHYLENE)-, DIBROMIDE
UPDT:8405 CAS: 19035-84-8 MW: 582.38 MOLFM: C28-H26-N2-O2 2Br

TOXICITY DATA AND REFERENCES:

1J30	ipr-mus LD50:500 ug/kg	JAPMA8 43,79,54

TJ7820200 4-PICOLINIUM, 1,1'-(p-PHENYLENEDIMETHYLENE)BIS-, DIBROMIDE
UPDT:8303 MW: 450.26 MOLFM: C20-H22-N2 2Br
SYN: 1,1'-(p-PHENYLENEDIMETHYLENE)BIS(4-PICOLINIUM BROMIDE)

TOXICITY DATA AND REFERENCES:

1J30	ipr-mus LD50:15 mg/kg	AIPTAK 114,217,58

TJ7825200 PICOLINOHYDROXAMIC ACID
UPDT:8408 CAS: 31888-72-9 MW: 138.14 MOLFM: C6-H6-N2-O2
SYN: PYRIDINE-2-CARBOHYDROXAMIC ACID * 2-PYRIDINECARBOXAMIDE, N-HYDROXY- (9CI) * 2-PYRIDINEHYDROXAMIC ACID

MUTATION DATA AND REFERENCES:

	mmo-sat 500 nmol/plate	MUREAV 135,139,84

TJ7825300 PICOLINOHYDROXAMIC ACID, N-METHYL-
UPDT:8408 MW: 152.17 MOLFM: C7-H8-N2-O2
SYN: PYRIDINE-2-CARBO-N-METHYLHYDROXAMIC ACID

MUTATION DATA AND REFERENCES:

	mmo-sat 10 umol/plate	MUREAV 135,139,84

4-PICOLYLAMINE see: TJ5150000
2-PICOLYL CHLORIDE HYDROCHLORIDE see: US6825000
2-PICOLYLIDENEBIS(p-PHENYL SODIUM SULFATE) see: SM8720000
4,4'-(2-PICOLYLIDENE)BIS(PHENYLSULFURIC ACID) DISODIUM SALT see: SM8720000
2-(3-PICOLYLIDENE)-1-INDANONE see: NK7538500
PICOSULFATE SODIUM see: SM8720000
PICOSULFATE SODIUM HYDRATE see: SM8740000
PICOSULFOL see: SM8720000

TJ7849300 PICRAENA EXCELSA Lindl., leaf and stem extract
DEF: Jamaican plant belonging to the family SIMARUBACEAE (JPPMAB 14,556,62)
UPDT:8405

TOXICITY DATA AND REFERENCES:

*	ipr-mus LDLo:20 gm/kg	JPPMAB 14,556,62

PICRAGOL see: TJ7891000

TJ7850000 PICRAMIC ACID, SODIUM SALT
UPDT:8308 CAS: 831-52-7 MW: 221.12 MOLFM: C6-H4-N3-O5 Na

SYN: SODIUM PICRAMATE, wet (with at least 20% water) (DOT) * UN 1349 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TJ7855000 PICRAMIC ACID, SODIUM SALT, dry
UPDT:8312 CAS: 831-52-7 MW: 221.12 MOLFM: C6-H4-N3-O5 Na
SYN: SODIUM PICRAMATE, dry or containing less than 20% water (DOT) * UN 0235 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS B EXPLOSIVE; LABEL:EXPLOSIVE B CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TJ7859000 PICRAMIC ACID, ZIRCONIUM SALT, dry
UPDT:8312 CAS: 63868-82-6 MW: 886.77 MOLFM: C24-H19-N12-O20 Zr
SYN: UN 0236 (DOT) * ZIRCONIUM PICRAMATE, dry or containing less than 20% water (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS B EXPLOSIVE; LABEL:EXPLOSIVE B CFRGBR 49,172.102,83

TJ7860000 PICRAMIC ACID, ZIRCONIUM SALT (wet)
UPDT:8312 CAS: 63868-82-6 MW: 221.95 MOLFM: C6-H5-N3-O5 1/4Zr
SYN: UN 1517 (DOT) * ZIRCONIUM PICRAMATE, wet (with at least 20% water) (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.102,83

TJ7862000 PICRAMNIA PENTANDRA Sw., leaf and stem extract
DEF:Jamaican plant belonging to the family SIMARUBACEAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:40 gm/kg JPPMAB 14,556,62

PICRATE of AMMONIA (DOT) see: BS3855000
PICRATE, DRY (DOT) see: TJ7880000
PICRATE ION see: TJ7880000
PICRATOL see: BS3856000

TJ7875000 PICRIC ACID
UPDT:8404 CAS: 88-89-1 MW: 229.12 MOLFM: C6-H3-N3-O7
SYN: ACIDE PICRIQUE (French) * ACIDO PICRICO (Italian) * CARBAZOTIC ACID * C.I. 10305 * 2-HYDROXY-1,3,5-TRINITROBENZENE * MELINITE * NITROXANTHIC ACID * PHENOL, 2,4,6-TRINITRO- * PHENOL TRINITRATE * PICRIC ACID, dry (DOT) * PICRONITRIC ACID * PIKRINEZUUR (Dutch) * PIKRINSAEURE (German) * PIKRYNOWY KWAS (Polish) * 2,4,6-TRINITROFENOL (Dutch) * 2,4,6-TRINITROFENOLO (Italian) * 1,3,5-TRINITROPHENOL * 2,4,6-TRINITROPHENOL * UN 0154 (DOT)
MUTATION DATA AND REFERENCES:
mmo-sat 5 umol/plate MUREAV 90,91,81
mma-sat 5 umol/plate MUREAV 90,91,81
mmo-esc 1800 ppm MUREAV 47,75,78
sln-dmg-orl 1250 umol/L MUREAV 90,91,81
TOXICITY DATA AND REFERENCES:
scu-dog LDLo:60 mg/kg HBAMAK 4,1289,35
unk-dog LDLo:60 mg/kg XPHBAO 271,151,41
orl-cat LDLo:250 mg/kg HBAMAK 4,1289,35
orl-rbt LDLo:120 mg/kg XPHBAO 271,151,41
orl-gpg LDLo:100 mg/kg HBAMAK 4,1289,35
scu-pgn LDLo:200 mg/kg HBAMAK 4,1289,35
* scu-frg LDLo:200 mg/kg 85ESA3 9,964,76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 47(2),75,78
★ TLV-TWA 100 ug/m3; STEL 300 ug/m3 DTLVS* 4,342,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug/m3 (skin) (SCP-Q) FEREAC 39,23540,74
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172,101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S228*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TJ7877000 PICRIC ACID, wetted with 10% to 30% water
UPDT:8401 CAS: 88-89-1 MW: 229.12 MOLFM: C6-H3-N3-O7
SYN: NA 1344 (DOT) * PICRIC ACID, wetted with at least 10% water (DOT) * PICRIC ACID, wetted with at least 30% water (DOT) * UN 1344 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TJ7880000 PICRIC ACID, ion(1-) (dry)
UPDT:8308 CAS: 14798-26-6 MW: 228.11 MOLFM: C6-H2-N3-O7
SYN: PICRATE, DRY (DOT) * PICRATE ION
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82

PICRIC ACID, AMMONIUM SALT see: BS3856000
PICRIC ACID, AMMONIUM SALT see: BS3855000
PICRIC ACID, dry (DOT) see: TJ7875000
PICRIC ACID, wetted with at least 10% water (DOT) see: TJ7877000
PICRIC ACID, wetted with at least 30% water (DOT) see: TJ7877000
PICRIC ACID, compd. with 3-METHYLCHOLANTHRENE (1:1) see: CU0950000

TJ7890000 PICRIC ACID, NICKEL(2+) SALT
UPDT:8308 MW: 271.83 MOLFM: C6-H3-N3-O6 Ni
SYN: NICKEL PICRATE
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

TJ7891000 PICRIC ACID, SILVER(1+) SALT, dry
UPDT:8310 CAS: 146-84-9 MW: 336.99 MOLFM: C6-H3-N3-O7 Ag
SYN: PICRAGOL * PICROTOL * SILVER PICRATE, dry (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

TJ7891500 PICRIC ACID, SILVER(1+) SALT, wetted with at least 30% water
UPDT:8312 CAS: 146-84-9
SYN: SILVER PICRATE, wetted with at least 30% water (DOT) * UN 1347 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.102,83

PICRIDE see: PB6300000
PICRITE (the explosive) see: MF4600000
PICRONITRIC ACID see: TJ7875000
PICROTIN, compd. with PICROTOXININ (1:1) see: TJ9100000
PICROTOL see: TJ7891000

TJ9100000 PICROTOXIN
UPDT:8405 CAS: 124-87-8 MW: 578.62 MOLFM: C13-H18-O7 C15-H16-O6
SYN: COCCULIN * COCCULUS * COCCULUS, SOLID (FISHBERRY) (DOT) * COQUES DU LEVANT (French) * FISH BERRY * INDIAN BERRY * ORIENTAL BERRY * PICROTIN, compd. with PICROTOXININ (1:1) * PICROTOXINE * PICROTOXININ, compd. with PICROTIN (1:1) * UN 1584 (DOT)
TOXICITY DATA AND REFERENCES:
unk-man LDLo:1471 ug/kg 85DCAI 2,73,70
* ipr-rat LD50:2600 ug/kg AIPTAK 135,9,62
scu-rat LD50:2880 ug/kg JAPMAB 38,604,49
ivn-rat LD50:1960 ug/kg AIPTAK 135,9,62
orl-mus LD50:15 mg/kg JPETAB 128,176,60
1F12 ipr-mus LD50:4500 ug/kg FEPRA7 6,357,47
scu-mus LD50:4100 ug/kg RPOBAR 1,423,64
ivn-mus LD50:2440 ug/kg AIPTAK 135,9,62
scu-dog LDLo:1500 ug/kg HBAMAK 4,1385,35
ims-dog LDLo:1 mg/kg HBAMAK 4,1385,35
orl-cat LDLo:1750 ug/kg HBAMAK 4,1385,35
scu-cat LDLo:2 mg/kg HBAMAK 4,1385,35
ice-cat LDLo:25 ug/kg AIPTAK 135,9,62
scu-rbt LDLo:2500 ug/kg JPETAB 57,410,36
ivn-rbt LDLo:1 mg/kg JPETAB 57,410,36
scu-gpg LDLo:300 ug/kg HBAMAK 4,1385,35
scu-frg LDLo:7 mg/kg JPETAB 57,410,36
ims-frg LDLo:2 mg/kg HBAMAK 4,1385,35
par-frg LDLo:20 mg/kg AEPPAE 166,437,32
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PICROTOXINE see: TJ9100000
PICROTOXININ see: PC5150000
PICROTOXININE see: PC5150000
PICROTOXININ, compd. with PICROTIN (1:1) see: TJ9100000
PICRYLMETHYLNITRAMINE see: BY6300000
PICRYLNITROMETHYLAMINE see: BY6300000

TJ9800000 PICRYL PEROXIDE, SODIUM
UPDT:8405
SYN: SODIUM PICRYL PEROXIDE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

TJ9900000 PICRYL SULFIDE
UPDT:8401 CAS: 2217-06-3 MW: 456.28 MOLFM: C12-H4-N6-O12-S
SYN: BENZENE, 1,1'-THIOBIS(2,4,6-TRINITRO- (9CI) * BIS(2,4,6-TRINITROPHENYL)SULFIDE * DIPICRYL SULFIDE * DIPICRYL SULFIDE, dry or containing, by weight, less than 10% water (DOT) * 2,4,6-TRINITROPHENYL SULFIDE * UN 0401 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TJ9940000 PICRYL SULFIDE, wetted with at least 10% water
UPDT:8312 CAS: 2217-06-3 MW: 456.28 MOLFM: C12-H4-N6-O12-S
SYN: BIS(2,4,6-TRINITROPHENYL)SULFIDE * DIPICRYL SULPHIDE, wetted with, by weight, at least 10% water (DOT) * UN 2852 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PID see: NK6125000
PID see: NK5600000
PIECIOCHLOREK FOSFORU (Polish) see: TB6125000
PIED PIPER MOUSE SEED see: WL2275000
PIELIK see: AG6825000
PIELIK E see: AG8925000
PIERICIDIN see: YD4588000
PIERICIDIN(sub 1) see: YD4588000
PIERICIDIN A see: YD4588000
PIERICIDIN-B see: YD4588000
PIERICIDIN-B1 see: YD4588000
PIERICIDINE A see: YD4588000
PIETIL see: JI5075000
PIFARNINE see: TM2618000
PIFOXIME see: AM9700000
PIGLET PRO-GEN V see: CF9625000
PIGMENT BLACK 7 see: FF5800000
PIGMENT FAST ORANGE see: QL3854000
PIGMENT GREEN 15 see: GB2975000
PIGMENT LAKE RED BFC see: DB5500000
PIGMENT LAKE RED CD see: DB5500000
PIGMENT LAKE RED LC see: DB5500000
PIGMENTO FO TOLUMMINESCENTE VELVA-GLO RED 103-115 (Italian) see: YX3955730
PIGMENT PONCEAU R see: QJ6825000
PIGMENT RED 3 see: QK4247000
PIGMENT RED 4 see: QL3436000
PIGMENT RED 23 see: QJ1897000
PIGMENT RED BH see: QJ1897000
PIGMENT RED CD see: DB5500000
PIGMENT RED RL see: QK4247000
PIGMENT RUBY see: QK4247000
PIGMENT RUBY ZN see: QL3436000
PIGMENT SCARLET see: QK4247000
PIGMENT SCARLET B see: QK4247000
PIGMENT SCARLET N see: QK4247000
PIGMENT SCARLET R see: QK4247000
PIGMENT SCARLET (Russian) see: QK4247000
PIGMENT SCARLET ZN see: QL3436000
PIGMENT VELVA-GLO RED 103-115 see: YX3955730
PIGMENT YELLOW 12 see: AK4580000
PIGMENT YELLOW 33 see: GB2800000
PIGMENT YELLOW 74 see: EJ3645000
PIGMENT YELLOW GT see: AK4580000
PIGMEX see: SJ7700000
PIG-WRACK see: FI0700000
PIH see: MV7350000
PIK-OFF see: MD2850000
PIKRINEZUUR (Dutch) see: TJ7875000
PIKRINSAEURE (German) see: TJ7875000
PIKRYNOWY KWAS (Polish) see: TJ7875000
PILAKANER SEED EXTRACT (Indian) see: XH7649000

TK1189000 PILEA CADIEREI Gagnep. & Guillaumin, leaf or stem extract
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:30 gm/kg JTEHD6 1,939,76

TK1190000 PILEA UMBROSA Wedd., extract
DEF:Indian plant belonging to the family URTICACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: FIANDER EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

PILIOPHEN see: SM8400000
PILI-SAHADEVI EXTRACT see: OI8978000
PILLARCAP see: GW5075100
PILLARDRIN see: TC4375000
PILLARON see: TB4970000
PILLARQUAT see: DW2275000
PILLARXONE see: DW2275000
PILLARZO see: AE1225000
PILOCAR see: TK1450000
PILOCARPIN see: TK1400000

TK1400000 PILOCARPINE
UPDT:8412 CAS: 92-13-7 MW: 208.29 MOLFM: C11-H16-N2-O2
SYN: ALMOCARPINE * (3S-cis)-3-ETHYLDIHYDRO-4-((1-METHYL-1H-IMIDAZOL-5-YL)METHYL)-2(3H)-FURANONE * IMIDAZOLE-5-BUTYRIC ACID, alpha-ETHYL-beta-(HYDROXYMETHYL)-1-METHYL-, gamma-LACTONE * PILOCARPIN * PILOCARPOL
TOXICITY DATA AND REFERENCES:
scu-hmn LDLo:143 ug/kg CONEAT 10,8,49
unk-man LDLo:1912 ug/kg 85DCAI 2,73,70
* orl-rat LD50:402 mg/kg IYKEDH 12,1204,81
* ipr-rat LD50:166 mg/kg NIIRDN 6,APP-16,82
* scu-rat LD50:366 mg/kg NIIRDN 6,APP-16,82
* ivn-rat LD50:88500 ug/kg NIIRDN 6,APP-16,82
* orl-mus LD50:119 mg/kg NIIRDN 6,APP-16,82
1U26 ipr-mus LD50:220 mg/kg AIPTAK 192,88,71
* scu-mus LD50:90900 ug/kg NIIRDN 6,APP-16,82
* ivn-mus LD50:61900 ug/kg NIIRDN 6,APP-16,82
ivn-rbt LDLo:129 mg/kg HBAMAK 4,1386,35
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PILOCARPINE, HYDROCHLORIDE see: TK1450000

TK1450000 PILOCARPINE, MONOHYDROCHLORIDE
UPDT:8408 CAS: 54-71-7 MW: 244.75 MOLFM: C11-H16-N2-O2 Cl-H
SYN: ALMOCARPINE * ISOPTO-CARPINE * AMI-PILO * MI-PILO OPHTH SOL * AMISTURA P * PILOCARPINE, HYDROCHLORIDE * PILOCARPINE MURIATE * PILOCAR * PILOCEL * PILOMIOTIN * PILOVISC
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T49 scu-rbt TDLo:20 mg/kg (24-27D preg) AJANA2 154,163,79
2T01T21 scu-ctl TDLo:800 ug/kg (1D male) JRPFA4 8,297,64
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:200 mg/kg NIIRDN 6,646,82
1E08 ipr-mus LD50:155 mg/kg ATXKA8 29,39,72
ivn-pgn LDLo:353 mg/kg HBAMAK 4,1289,35
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PILOCARPINE MURIATE see: TK1450000
PILOCARPOL see: TK1400000
PILOCEL see: TK1450000
PILOMIOTIN see: TK1450000
PILORAL see: UY0704600
PILOT HD-90 see: DB6825000
PILOT SF-40 see: DB6825000
PILOT SF-60 see: DB6825000
PILOT SF-96 see: DB6825000
PILOT SF-40B see: DB6825000
PILOT SF-40FG see: DB6825000
PILOT SP-60 see: DB6825000
PILOVISC see: TK1450000
PILPOPHEN see: SO6825000
PILU EXTRACT (Indian) see: VP1700000
PIMACOL-SOL see: QJ0875000
PIMAFUCIN see: TK3325000
PIMAL see: TZ0175000

TK3325000 PIMARICIN
UPDT:8403 CAS: 7681-93-8 MW: 665.81 MOLFM: C33-H47-N-O13
SYN: ANTIBIOTIC A-5283 * CL 12,625 * MYCOPHYT * MYPROZINE * NATACYN * NATAMYCIN * NATAMYCIN * PIMAFUCIN * TENNECETIN
MUTATION DATA AND REFERENCES:
sln-asn 10 mg/L MUREAV 79,169,80
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2730 mg/kg TXAPA9 8,97,66
1J30 ipr-rat LD50:85 mg/kg ANTCAO 9,406,59
1J30 scu-rat LD50:190 mg/kg ANTCAO 9,406,59
1F12 ivn-rat LD50:36 mg/kg ANTCAO 9,406,59
1F30 ims-rat LD50:128 mg/kg ANTCAO 9,406,59
* orl-mus LD50:1500 mg/kg 85FZAT -,517,67
* ipr-mus LD50:96 mg/kg NIIRDN 6,639,82
* scu-mus LD50:180 mg/kg 85FZAT -,639,67
1F12 ivn-dog LD50:18 mg/kg ANTCAO 9,405,59
1J30 ipr-cat LD50:75 mg/kg ANTCAO 9,406,59
1J30 ims-cat LD50:90 mg/kg ANTCAO 9,406,59
orl-rbt LD50:1420 mg/kg TXAPA9 8,97,66
1J30 ipr-rbt LD50:68 mg/kg ANTCAO 9,406,59
1J30 scu-rbt LD50:180 mg/kg ANTCAO 9,406,59
1F12 ivn-rbt LD50:20 mg/kg ANTCAO 9,406,59
1J30 ims-rbt LD50:120 mg/kg ANTCAO 9,406,59
1J30 ipr-gpg LD50:90 mg/kg ANTCAO 9,406,59
1J30 scu-gpg LD50:160 mg/kg ANTCAO 9,406,59
1J30 ims-gpg LD50:130 mg/kg ANTCAO 9,406,59
* ivn-mam LD30:500 mg/kg 85ERAY 2,954,78

PIMELIC KETONE see: GW1050000
PIMELIN KETONE see: GW1050000

TK3683000 PIMENTA LEAF OIL
UPDT:8305 CAS: 8016-45-3
SYN: OIL OF PIMENTA LEAF
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTXAV 12,971,74
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3600 mg/kg FCTXAV 12,971,74

PIMEPROFEN see: CY1678800
d-PIMEPROFEN see: UF5010200
l-PIMEPROFEN see: UF5010100
PIMETON see: XY3850000
PIMM see: OW4100000
PIMOZIDE see: DE1750000

TK3770000 PIMPINELLA ANISUM Linn., fruit extract
DEF:Indian plant belonging to the family UMBELLIFERAE (IJEBA6 6,232,68)
UPDT:8302
SYN: SAUNF FRUIT EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:750 mg/kg IJEBA6 6,232,68

PIN see: TB1925000
PINACOL see: EK1720000
PINACOLOXYMETHYLPHOSPHORYL FLUORIDE see: TA8750000
PINACOLYL METHYLFLUOROPHOSPHONATE see: TA8750000
PINACOLYL METHYLPHOSPHONOFLUORIDATE see: TA8750000
PINACOLYLOXY METHYLPHOSPHORYL FLUORIDE see: TA8750000
PINACYANOL see: VC3676870
PINACYANOLE see: VC3676870
PINACYANOL IODIDE see: VC3676870
PINAKON see: SA0810000
PINANE HYDROPEROXIDE (DOT) see: MX2625600
PINANE HYDROPEROXIDE (DOT) see: MX2625800
PINANE HYDROPEROXIDE, technically pure (DOT) see: MX2625600
PINANG see: DS8150000

TK4586000 3-PINANONE, 2-HYDROXY-
UPDT:8402 CAS: 10136-55-9 MW: 168.26 MOLFM: C10-H16-O2
SYN: BICYCLO(3.1.1)HEPTAN-3-ONE, 2-HYDROXY-2,6,6-TRIMETHYL- (9CI) * CAMPHOSTENE * 2-HYDROXY-3-PINANONE * 3-HYDROXYPINOCAMPHONE * OPC * OXYPINOCAMPHONE * OXYPINONE
TOXICITY DATA AND REFERENCES:
1F12 ipr-rat LDLo:400 mg/kg APFRAD 9,338,51
3F24K12M10 scu-mus LD50:500 mg/kg APFRAD 9,338,51

PINANYL HYDROPEROXIDE see: MX2625600
PINARAI EXTRACT (Indian) see: ZC4680650
PINASTRIC ACID see: LT8524900
PINAVERIUM BROMIDE see: QF2810000
PINAVERIUM BROMIDE see: QD8547000
PINAZEPAM see: DF2375000
PINDIONE see: NK6125000
PINDOLOL see: UB6660000
PINDOLOL HYDROCHLORIDE see: UB6670000
PINDON (Dutch) see: NK6300000
PINDONE see: NK6300000
PINDONE, liquid (DOT) see: NK6300000
PINDONE, solid (DOT) see: NK6300000

TK4728000 PINEAL GLAND, BOVINE, extract
DEF:Dose is expressed as amount of extract equivalent to the starting wet weight of thepineal gland before extraction (LIFSAK 17,531,75)
UPDT:8405
SYN: BOVINE PINEAL GLAND EXTRACT
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 ipr-rat TDLo:7200 mg/kg (3D pre) ACENA7 76,438,74
1T22 par-rat TDLo:2500 mg/kg (4D pre) LIFSAK 17,531,75
1T26 par-rat TDLo:7500 mg/kg (4D pre) LIFSAK 17,531,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PINEAPPLE, unripe fruit extract see: BV6200000
alpha-PINENE see: DT7000000
beta-PINENE see: DT5077000
2-PINENE see: DT7000000
2(10)-PINENE see: DT5077000
PINENE (DOT) see: DT5078500
alpha-PINENE (DOT) see: DT7000000
2-PINENE-10-METHYL ACETATE see: RC8880000

TK5075000 2-PINEN-4-ONE, (1R,5R)-(+)-
UPDT:8403 CAS: 18309-32-5 MW: 150.24 MOLFM: C10-H14-O
SYN: (1R-cis)-4,6,6-TRIMETHYLBICYCLO(3.1.1)HEPT-3-EN-2-ONE * d-VERBENONE
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:250 mg/kg CBCCT* 7,794,55
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TK5100000 PINE OIL
UPDT:8412 CAS: 8002-09-3
SYN: ARIZOLE * OIL of PINE * OLEUM ABIETIS * PINE OIL (DOT) * TERPENTINOEL (German) * UN 1272 (DOT) * UNIPINE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTOD7 21,875,83
TOXICITY DATA AND REFERENCES:
3F13F19F27 orl-man TDLo:4700 mg/kg ARTODN 49,73,81
* orl-rat LD50:3200 mg/kg FCTOD7 21,875,83
* skn-rbt LD50:5 gm/kg FCTOD7 21,875,83
STANDARDS & REGULATIONS:
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PINE OIL (DOT) see: TK5100000
PINERORO see: TM4970500
P. INFUSCATUS VENOM see: YX4182870
PINGYANGMYCIN (Chinese) see: EC5990500 BLEOMYCINAMIDE, N'-(3-((4-AMINOBUTYL)AMINO)PROPYL)-
PINHOLE AK 2 see: LQ1040000
PINCRAN see: YT0180000
PINOSYLVINE see: WJ5580000
PIN-TEGA see: TL3485000

TK5482000 PINUS GRIFFITHI M'Clell., stem extract
DEF:Indian plant belonging to the family PINACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: CHIL STEM EXTRACT
TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

TK5483000 PINUS KHASYA Royle, extract excluding roots
DEF:Indian plant belonging to the family PINACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:375 mg/kg IJEBA6 12,512,74

PINUS L see: TK5485000 PINUS LAMBERTIANA

TK5485000 PINUS LAMBERTIANA
DEF:A homoeopathic medicine prepared from the sap of the sugar pine (IJEBA6 18,26,80)
UPDT:8408
SYN: PINUS L
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T12T13 orl-rat TDLo:6 gm/kg (12D pre) IJEBA6 18,26,80
1T14 orl-rat TDLo:1500 mg/kg (3D pre) IJEBA6 18,26,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PINUS MONTANA OIL see: TK5500000

TK5493000 PINUS PONDEROSA, needle extract
UPDT:8305
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-mus TDLo:110 mg/kg (1-5D preg) FEPRA7 38,1189,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TK5494000 PINUS PONDEROSA, needle extract, acetone-soluble fraction
DEF:Dose is expressed as amount of substance equivalent to the weight of the pine needlesbefore extraction (JRPFA4 30,169,72)
UPDT:8305
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-mus TDLo:544 gm/kg (4D pre) JRPFA4 30,169,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TK5495000 PINUS PONDEROSA, needle extract, volatile fraction
DEF:Dose is expressed as amount of substance equivalent to the weight of the pine needlesbefore extraction (JRPFA4 30,169,72)
UPDT:8305
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T71T75 orl-mus TDLo:9120 gm/kg (3-21D preg) JRPFA4 30,169,72
1T13 orl-mus TDLo:1056 gm/kg (4D pre) JRPFA4 30,169,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TK5496000 PINUS PONDEROSA, needle extract, water-soluble fraction
DEF:Dose is expressed as amount of substance equivalent to the weight of the pine needlesbefore extraction (JRPFA4 30,169,72)
UPDT:8305
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T71T75 orl-mus TDLo:2160 gm/kg (3-19D preg) JRPFA4 30,169,72
1T13 orl-mus TDLo:368 gm/kg (4D pre) JRPFA4 30,169,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TK5500000 PINUS PUMILIO OIL
UPDT:8401 CAS: 8000-26-8
SYN: DWARF PINE NEEDLE OIL * KNEE PINE OIL * LATSCHENKIEFFR OEL (German) * OIL OF MOUNTAIN PINE * PINUS MONTANA OIL
IRRITATION DATA AND REFERENCES:
skn-hmn 12% FCTXAV 14,843,76
TOXICITY DATA AND REFERENCES:
orl-rat LD50:10640 mg/kg PHARAT 14,435,59

PIO see: RQ2975000
PIO see: TK5540000
PIOLOFORM F see: AK0920000

TK5540000 PIOMY
UPDT:8309 CAS: 11121-57-6
SYN: PIO * PIOMYCIN
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2150 mg/kg 85ARAE 4,41,76
* ipr-mus LD50:400 mg/kg 85GDA2 5,254,81
* scu-mus LD50:500 mg/kg 85GDA2 5,254,81

PIOMYCIN see: TK5540000
PIOPEN see: ON9105000
PIOXOL see: RQ2975000
N-N-PIP see: TN2100000
PIPACYCLINE see: QI8575000
PIPADOX see: MO1955000
PIPALI STEM BARK EXTRACT (Indian) see: EI2100000
PIPAMPERONE see: DW1050000
PIPANEPERONE see: DW1050000
PIPANOL see: TN2625000

TK6020200 PIPECOLANILIDE, 2',6'-DIMETHYL-1-(2-HYDROXYETHYL)-
UPDT:8309 CAS: 78289-26-6 MW: 276.42 MOLFM: C16-H24-N2-O2
SYN: AL-S-1249 * 2',6'-DIMETHYL-1-(2-HYDROXYETHYL)PIPECOLANILIDE * DROXICAINID (German) * DROXICAINIDE * DL-N-(2-HYDROXYETHYL)PIPECOLINYL-2,6-DIMETHYLANILIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:280 mg/kg ARZNAD 33,706,83
* ivn-mus LD50:57 mg/kg ARZNAD 33,706,83

TK6022000 PIPECOLIC ACID, 1-NITROSO-
UPDT:8310 CAS: 4515-18-8 MW: 158.18 MOLFM: C6-H10-N2-O3
SYN: N-NITROSOPIPECOLIC ACID * 1-NITROSOPIPECOLIC ACID * 2-PIPERIDINECARBOXYLIC ACID, 1-NITROSO-
MUTATION DATA AND REFERENCES:
mmo-sat 5 umol/plate MUREAV 57,85,78
TOXICITY DATA AND REFERENCES:
2J30K30 ipr-mus LD50:203 mg/kg JMCMAR 16,583,73
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TK6025000 1-PIPECOLINE, 3,4-DIDEHYDRO-4-(2-(AMINOETHYL)THIO)-, HYDROCHLORIDE
UPDT:8407 CAS: 63868-85-9 MW: 208.78 MOLFM: C8-H16-N2-S Cl-H
SYN: ETHYLAMINE, 2-((1-DIDEHYDRO-4-METHYLPIPERIDYL)THIO)-, HYDROCHLORIDE * 1-METHYL-p-AMINOETHYLTHIOAZOCYCLOHEXANE HYDROCHLORIDE * PIPERIDINE, 4-(2-(AMINOETHYL)THIO)-3-DIDEHYDRO-1-METHYL-, HYDROCHLORIDE * USAF A-25318
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:200 mg/kg NTIS** AD414-344

TK6025200 2-PIPECOLINE, 1-(2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYL)-, HYDROCHLORIDE
UPDT:8406 CAS: 53251-89-1 MW: 330.01 MOLFM: C19-H35-N-O Cl-H
SYN: 1-(2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYL)-2-PIPECOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:9837 ug/kg APFRAD 40,133,82

TK6025300 3-PIPECOLINE, 1-(2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYL)-, HYDROCHLORIDE
UPDT:8406 CAS: 53251-90-4 MW: 330.01 MOLFM: C19-H35-N-O Cl-H
SYN: 1-(2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYL)-3-PIPECOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:17 mg/kg APFRAD 40,133,82

TK6025400 4-PIPECOLINE, 1-(2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYL)-, HYDROCHLORIDE
UPDT:8406 CAS: 53251-91-5 MW: 330.01 MOLFM: C19-H35-N-O Cl-H
SYN: 1-(2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYL)-4-PIPECOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:15 mg/kg APFRAD 40,133,82

TK6026700 2-PIPECOLINE, 1-NITROSO-
UPDT:8401 CAS: 7247-89-4 MW: 128.20 MOLFM: C6-H12-N2-O
SYN: 2-METHYLNITROSOPIPERIDINE * 1-NITROSO-2-PIPECOLINE
MUTATION DATA AND REFERENCES:
sln-dmg-orl 5 mmol/L/24H MUREAV 67,27,79
mmo-smc 50 mmol/L/24H MUREAV 57,155,78
TUMORIGENIC DATA AND REFERENCES:
3V03K60L60 orl-rat TDLo:2520 mg/kg/50W-I IJCNAW 16,318,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TK6026800 3-PIPECOLINE, 1-NITROSO-
UPDT:8401 CAS: 13603-07-1 MW: 128.20 MOLFM: C6-H12-N2-O
SYN: 3-METHYLNITROSOPIPERIDINE * 1-NITROSO-3-PIPECOLINE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate MUREAV 56,131,77
sln-dmg-orl 5 mmol/L/24H MUREAV 67,27,79
mmo-smc 25 mmol/L/24H MUREAV 57,155,78
TUMORIGENIC DATA AND REFERENCES:
3V03D09K60 orl-rat TDLo:2520 mg/kg/50W-I IJCNAW 16,318,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TK6026900 4-PIPECOLINE, 1-NITROSO-
UPDT:8401 CAS: 15104-03-7 MW: 128.20 MOLFM: C6-H12-N2-O
SYN: 4-METHYLNITROSOPIPERIDINE * 1-NITROSO-4-PIPECOLINE
MUTATION DATA AND REFERENCES:
sln-dmg-orl 5 mmol/L/24H MUREAV 67,27,79
mmo-smc 25 mmol/L/24H MUREAV 57,155,78
TUMORIGENIC DATA AND REFERENCES:
3V03D09K60 orl-rat TDLo:2016 mg/kg/40W-I IJCNAW 16,318,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TK6052000 2-PIPECOLINIUM, 1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-METHYL-, IODIDE
UPDT:8305 MW: 478.46 MOLFM: C23-H31-N2-O I
SYN: 1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-METHYL-2-PIPECOLINIUM IODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:20 mg/kg AIPTAK 103,100,55

TK6053000 4-PIPECOLINIUM, 1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-METHYL-, IODIDE
UPDT:8305 MW: 478.46 MOLFM: C23-H31-N2-O I
SYN: 1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-METHYL-4-PIPECOLINIUM IODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:23 mg/kg AIPTAK 103,100,55

TK6053700 4-PIPECOLINIUM, 1-(2-CARBOXYETHYL)-1-METHYL-, IODIDE, ESTER with (2-HYDROXYPROPYL)TRIMETHYL AMMONIUM IODIDE
UPDT:8305 MW: 540.32 MOLFM: C16-H34-N2-O2 2I
TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:50 mg/kg AIPTAK 118,210,59

DL-6-(N-alpha-PIPECOLINOMETHYL)-5-HYDROXYINDANE HYDROCHLORIDE see: NK7534600
DL-6-(N-alpha-PIPECOLINOMETHYL)-5-HYDROXY-INDANE MALEATE see: NK7534700

TK6060000 2',6'-PIPECOLOXYLIDIDE, 1-BUTYL-
UPDT:8402 CAS: 2180-92-9 MW: 288.48 MOLFM: C18-H28-N2-O
SYN: BUPIVACAINE * DL-BUPIVACAINE * 1-BUTYL-2',6'-PIPECOLOXYLIDIDE * WIN 11318
TOXICITY DATA AND REFERENCES:
2H06F06 ivn-hmn TDLo:4300 ug/kg AANEAB 21,521,77
* scu-rat LD50:48 mg/kg APTOA6 31,273,72
* ivn-rat LD50:5600 ug/kg APTOA6 31,273,72
2C17F12 ipr-mus LD50:58700 ug/kg TXAPA9 54,501,80
* scu-mus LD50:53 mg/kg APTOA6 31,273,72
* ivn-mus LD50:7300 ug/kg APTOA6 31,273,72
* ivn-rbt LDLo:6900 ug/kg APTOA6 31,273,72
* par-rbt LD50:64 mg/kg ARZNAD 26,78,76
* itr-rbt LD50:12500 ug/kg ARZNAD 26,78,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TK6080000 2',6'-PIPECOLOXYLIDIDE, 1-BUTYL-, D-(+)-
UPDT:8404 CAS: 27262-45-9 MW: 288.48 MOLFM: C18-H28-N2-O
SYN: D(+)-BUPIVACAINE
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:38 mg/kg APTOA6 31,273,72
* ivn-rat LD50:3800 ug/kg APTOA6 31,273,72
* scu-mus LD50:30 mg/kg APTOA6 31,273,72
* ivn-mus LD50:7900 ug/kg APTOA6 31,273,72
1F12 ivn-rbt LDLo:5500 ug/kg APTOA6 31,273,72
* itr-rbt LD50:10 mg/kg ARZNAD 26,78,76

TK6090000 2',6'-PIPECOLOXYLIDIDE, 1-BUTYL-, L-(-)-
UPDT:8402 CAS: 27262-47-1 MW: 288.48 MOLFM: C18-H28-N2-O
SYN: L(-)-BUPIVACAINE
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:52 mg/kg APTOA6 31,273,72
* ivn-rat LD50:7200 ug/kg APTOA6 31,273,72
* scu-mus LD50:100 mg/kg APTOA6 31,273,72
* ivn-mus LD50:9600 ug/kg APTOA6 31,273,72
1F12 ivn-rbt LDLo:9700 ug/kg APTOA6 31,273,72
* itr-rbt LD50:14 mg/kg ARZNAD 26,78,76

TK6125000 2',6'-PIPECOLOXYLIDIDE, 1-BUTYL-, HYDROCHLORIDE, (+-)-
UPDT:8403 CAS: 14252-80-3 MW: 324.94 MOLFM: C18-H28-N2-O Cl-H
SYN: AH-2250 * BUPICAINE HYDROCHLORIDE (+-) * BUPIVACAINE HYDROCHLORIDE * 1-BUTYL-2',6'-PIPECOLOXYLIDIDE (+-) * (+-)-1-BUTYL-2',6'-PIPECOLOXYLIDIDE MONOHYDROCHLORIDE, MONOHYDRATE * CARBOSTESIN * LAC-43 * MARCAIN * 2-PIPERIDINECARBOXAMIDE, 1-BUTYL-N-(2,6-DIMETHYLPHENYL)-, MONOHYDROCHLORIDE, MONOHYDRATE
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:43 mg/kg AIPTAK 200,359,72
* ivn-rat LD50:6 mg/kg AIPTAK 200,359,72
2F02F07 ipr-mus LD50:58700 ug/kg AACRAT 60,385,81
* scu-mus LD50:59 mg/kg AIPTAK 200,359,72
* ivn-mus LD50:6400 ug/kg AIPTAK 200,359,72
* orl-rbt LD50:18 mg/kg AIPTAK 200,359,72
ivn-rbt LD50:3400 ug/kg AIPTAK 200,359,72
* par-rbt LD50:48 mg/kg AIPTAK 200,359,72
* itr-rbt LD50:11 mg/kg AIPTAK 200,359,72
* ipr-gpg LD50:50 mg/kg NIIRDN 6,680,82

TK6475000 2',6'-PIPECOLOXYLIDIDE, 1-METHYL-, MONOHYDROCHLORIDE
UPDT:8403 CAS: 1722-62-9 MW: 282.85 MOLFM: C15-H22-N2-O Cl-H
SYN: CARBOCAINE HYDROCHLORIDE * CHLOROCAIN * MEAVERIN * MEPIVACAINE HYDROCHLORIDE * DL-MEPIVACAINE HYDROCHLORIDE * MEPIVASTESIN * 1-METHYL-2',6'-PIPECOLOXYLIDIDE HYDROCHLORIDE * dl-1-METHYL-2',6'-PIPECOLOXYLIDIDE HYDROCHLORIDE * (1-METHYL-DL-PIPERIDINE-2-CARBOXYLIC ACID)-2,6-DIMETHYLANILIDE HYDROCHLORIDE * 2-PIPERIDINECARBOXAMIDE, N-(2,6-DIMETHYLPHENYL)-1-METHYL-, MONOHYDROCHLORIDE (9CI) * SCANDICAIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 ipr-rat TDLo:160 mg/kg (1D male) JRPFA4 51,477,77
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:260 mg/kg NIIRDN 6,846,82
* ivn-mus LD50:35 mg/kg APTOA6 42,88,78
imp-mus LD50:260 mg/kg 29ZVAB -,69,69
* scu-rbt LD50:110 mg/kg NIIRDN 6,846,82
ivn-rbt LD50:22 mg/kg 29ZVAB -,69,69
imp-rbt LD50:110 mg/kg 29ZVAB -,69,69
* scu-gpg LD50:94 mg/kg NIIRDN 6,846,82
* ivn-gpg LD50:20 mg/kg NIIRDN 6,846,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PIPECURIUM BROMIDE see: TM3170000
PIPECURONIUM BROMIDE see: TM3170000
PIPEDAC see: UV1153800
PIPEMID see: UV1153800
PIPEMIDIC ACID see: UV1153800
PIRENZEPINE HYDROCHLORIDE see: UU7883000
PIPERACETAZINE see: OB4200000
PIPERACILLIN SODIUM see: XI0180000
PIPERADROL HYDROCHLORIDE see: TN0875000
PIPERALIN see: DG7700000

TK7050000 PIPER AMALAGO L., leaf and stem extract
DEF:Jamaican plant belonging to the family PIPERACEAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H01 ipr-mus LDLo:40 gm/kg JPPMAB 14,556,62

PIPERAMIC ACID see: UV1153800

TK7400000 PIPER ARGYROPHYLLUM Miq., extract excluding roots
DEF:Indian plant belonging to the family PIPERACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:16 mg/kg IJEBA6 18,594,80

PIPERAZIDINE see: TK7800000
PIPERAZIN (German) see: TK7800000

TK7800000 PIPERAZINE
UPDT:8312 CAS: 110-85-0 MW: 86.16 MOLFM: C4-H10-N2
SYN: ANTIREN * 1,4-DIETHYLENEDIAMINE * N,N-DIETHYLENE DIAMINE (DOT) * DISPERMINE * HEXAHYDRO-1,4-DIAZINE * HEXAHYDROPYRAZINE * LUMBRICAL * PIPERAZIDINE * PIPERAZIN (German) * PIPERAZINE, ANHYDROUS * PIPERAZINE (DOT) * PYRAZINE HEXAHYDRIDE * PYRAZINE, HEXAHYDRO- * UN 2579 (DOT) * UN 2685 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 7/16/67
eye-rbt 750 ug SEV AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
3F13F17F23 orl-rat LD50:1900 mg/kg TPKVAL 15,116,79
* scu-rat LD50:3700 mg/kg NIIRDN 6,635,82
* ivn-rat LD50:1340 mg/kg NIIRDN 6,635,82
* orl-mus LD50:600 mg/kg BCFAAI 103,414,64
3F13F17F23 ihl-mus LC50:5400 mg/m3/2H TPKVAL 15,116,79
scu-mus LD50:1100 mg/kg ARZNAD 4,649,54
* ivn-mus LD50:1180 mg/kg NIIRDN 6,635,82
skn-rbt LD50:4000 mg/kg UCDS** 7/16/65
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TK7827000 1-PIPERAZINEACETAMIDE, 4-((3,5-DIMETHOXY-4-HYDROXY)DIHYDROCINNAMOYL)-N-ISOPROPYL-
UPDT:8407 CAS: 53335-22-1 MW: 393.54 MOLFM: C20-H31-N3-O5
SYN: N-ISOPROPYL ((HYDROXY-4 DIMETHOXY 3-5 DIHYDROCINNAMOYL)-4 PIPERAZINO)ACETAMIDE (French)
TOXICITY DATA AND REFERENCES:
orl-mus LDLo:2000 mg/kg EJMCA5 10,373,75

TK7850000 1-PIPERAZINEACETAMIDE, N-ISOPROPYL-4-(3,4,5-TRIMETHOXYCINNAMOYL)-, MALEATE
UPDT:8308 CAS: 26328-00-7 MW: 521.63 MOLFM: C21-H31-N3-O5 C4-H4-O4
SYN: N-ISOPROPYL-4-(3,4,5-TRIMETHOXYCINNAMOYL)-1-PIPERAZINEACETAMIDE MALEATE * MALEATE de CINPROPAZIDE * 68111 M.D. * (3',4',5'-TRIMETHOXYCINNAMOYL)-1-(N-ISOPROPYL AMINO CARBONYL METHYL)-4 PIPERAZINE MALEATE
TOXICITY DATA AND REFERENCES:
3F05F07F13 orl-rat LD50:1295 mg/kg THERAP 29,233,74
orl-mus LD50:589 mg/kg EJMCA5 10,373,75
3F05F07F13 ivn-mus LD50:475 mg/kg THERAP 29,233,74

TK7851000 1-PIPERAZINEACETAMIDE, 4-METHYL-N-1-NAPHTHYL-, DIHYDROCHLORIDE
UPDT:8403 MW: 356.33 MOLFM: C17-H21-N3-O 2Cl-H
SYN: 4-METHYL-N-1-NAPHTHYL-1-PIPERAZINEACETAMIDE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:170 mg/kg JAPMAB 46,279,57

TK7863000 1-PIPERAZINEACETIC ACID, 4-BENZYL-alpha-METHYL-, 2,6-DIISOPROPYLPHENYL ESTER, DIHYDROCHLORIDE
UPDT:8307 CAS: 1877-54-9 MW: 481.56 MOLFM: C26-H36-N2-O2 2Cl-H
SYN: 4-BENZYL-alpha-METHYL-1-PIPERAZINEACETIC ACID 2,6-DIISOPROPYLPHENYL ESTER DIHYDROCHLORIDE * FC 669
IRRITATION DATA AND REFERENCES:
skn-rbt 200 mg MOD BCFAAI 107,310,68
eye-rbt 1 gm MOD BCFAAI 107,310,68

TK7875000 1-PIPERAZINEACETIC ACID, 4-(2,4-DICHLOROCINNAMOYL)-, ETHYL ESTER, HYDROCHLORIDE
UPDT:8412 CAS: 27897-25-2 MW: 407.75 MOLFM: C17-H20-Cl2-N2-O3 Cl-H
SYN: 4-(2,4-DICHLOROCINNAMOYL)-1-PIPERAZINEACETIC ACID ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:450 mg/kg USXXAM #3590034
ivn-mus LD50:130 mg/kg CHTPBA 4,293,69

TK7886700 2-PIPERAZINEACETIC ACID, 3,6-DIOXO-5-ISOPROPYL-
DEF:Produced by STREPTOMYCES species AS-C-19 (JANTAJ 35,82-78,82)
UPDT:8310 MW: 214.25 MOLFM: C9-H14-N2-O4
SYN: CAIROMYCIN A * 3,6-DIOXO-5-ISOPROPYL-2-PIPERAZINEACETIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:10 mg/kg JANTAJ 35,82-78,82

TK7899000 1-PIPERAZINEACETIC ACID, alpha-ISOPROPYL-4-METHYL-, ETHYL ESTER, DIHYDROCHLORIDE
UPDT:8403 MW: 301.30 MOLFM: C12-H24-N2-O2 2Cl-H
SYN: alpha-ISOPROPYL-4-METHYL-1-PIPERAZINEACETIC ACID ETHYL ESTER DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:155 mg/kg JAPMAB 46,279,57

TK7903300 1-PIPERAZINEACETIC ACID, 4-METHYL-, (5-BROMO-2-OXO-3-INDOLINYLIDENE)HYDRAZIDE, DIHYDROCHLORIDE, (Z)-
UPDT:8312 MW: 453.21 MOLFM: C15-H18-Br-N5-O2 2Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:684 mg/kg FRPSAX 38,559,83

TK7903450 1-PIPERAZINEACETIC ACID, 4-METHYL-, (5-CHLORO-2-OXO-3-INDOLINYLIDENE)HYDRAZIDE, DIHYDROCHLORIDE, HYDRATE, (Z)-
UPDT:8312 MW: 426.77 MOLFM: C15-H18-Cl-N5-O2 2Cl-H H2-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:491 mg/kg FRPSAX 38,559,83

TK7903700 1-PIPERAZINEACETIC ACID, 4-METHYL-, (5,7-DICHLORO-2-OXO-3-INDOLINYLIDENE)HYDRAZIDE, (Z)-
UPDT:8312 MW: 370.27 MOLFM: C15-H17-Cl2-N5-O2
SYN: 4-METHYL-1-PIPERAZINEACETIC ACID cis-(5,7-DICHLORO-2-OXO-3-INDOLINYLIDENE)HYDRAZIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:360 mg/kg FRPSAX 38,559,83

TK7905200 1-PIPERAZINEACETIC ACID, 4-METHYL-, DIPHENYLMETHYL ESTER, DIHYDROCHLORIDE
UPDT:8403 MW: 397.38 MOLFM: C20-H24-N2-O2 2Cl-H
SYN: 4-METHYL-1-PIPERAZINEACETIC ACID DIPHENYLMETHYL ESTER DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:348 mg/kg JAPMAB 46,279,57

TK7906920 1-PIPERAZINEACETIC ACID, 4-METHYL-, (2-OXO-3-INDOLINYLIDENE)HYDRAZIDE, (E)-
UPDT:8312 MW: 301.39 MOLFM: C15-H19-N5-O2
SYN: 4-METHYL-1-PIPERAZINEACETIC ACID trans-(2-OXO-3-INDOLINYLIDENE)HYDRAZIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3000 mg/kg FRPSAX 38,559,83
* ipr-mus LD50:491 mg/kg FRPSAX 38,559,83

TK7906930 1-PIPERAZINEACETIC ACID, 4-METHYL-, (2-OXO-3-INDOLINYLIDENE)HYDRAZIDE, (Z)-
UPDT:8312 MW: 301.39 MOLFM: C15-H19-N5-O2
SYN: 4-METHYL-1-PIPERAZINEACETIC ACID cis-(2-OXO-3-INDOLINYLIDENE)HYDRAZIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg FRPSAX 38,559,83

TK7906970 1-PIPERAZINEACETIC ACID, 4-METHYL-, (2-OXO-3-INDOLINYLIDENE)HYDRAZIDE, HYDROCHLORIDE, (Z)-
UPDT:8312 MW: 337.85 MOLFM: C15-H19-N5-O2 Cl-H
SYN: 4-METHYL-1-PIPERAZINEACETIC ACID cis-(2-OXO-3-INDOLINYLIDENE)HYDRAZIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1400 mg/kg FRPSAX 38,559,83
* ipr-mus LD50:534 mg/kg FRPSAX 38,559,83

TK7908300 1-PIPERAZINEACETIC ACID, (2-OXO-3-INDOLINYLIDENE)HYDRAZIDE, DIHYDROCHLORIDE, SESQUIHYDRATE, (Z)-
UPDT:8312 MW: 387.25 MOLFM: C14-H17-N5-O2 2Cl-H 3/2H2-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:875 mg/kg FRPSAX 38,559,83
* ipr-mus LD50:875 mg/kg FRPSAX 38,559,83

TK7908500 1-PIPERAZINEACETIC ACID, 4-PIPERONYL-, (2-OXO-3-INDOLINYLIDENE)HYDRAZIDE, HYDROCHLORIDE, (Z)-
UPDT:8312 MW: 457.96 MOLFM: C22-H23-N5-O4 Cl-H
SYN: 4-PIPERONYL-1-PIPERAZINEACETIC ACID cis-(2-OXO-3-INDOLINYLIDENE)HYDRAZIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:234 mg/kg FRPSAX 38,559,83

TK7908700 1-PIPERAZINEACETIC ACID, 4-(4-PYRIDYL)-, (2-OXO-3-INDOLINYLIDENE)HYDRAZIDE, (Z)-
UPDT:8312 MW: 364.45 MOLFM: C19-H20-N6-O2
SYN: 4-(4-PYRIDYL)-1-PIPERAZINEACETIC ACID cis-(2-OXO-3-INDOLINYLIDENE)HYDRAZIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3000 mg/kg FRPSAX 38,559,83
* ipr-mus LD50:400 mg/kg FRPSAX 38,559,83

TK7909000 1-PIPERAZINEACETIC ACID, 4-(3,4,5-TRIMETHOXYCINNAMOYL)-, ETHYL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 26219-22-7 MW: 428.96 MOLFM: C20-H28-N2-O6 Cl-H
SYN: 4-(3',4',5'-TRIMETHOXYCINNAMOYL)-1-(ETHOXYCARBONYLMETHYL)PIPERAZINE HYDROCHLORIDE * 4-(3,4,5-TRIMETHOXYCINNAMOYL)-1-PIPERAZINEACETIC ACID ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1300 mg/kg CHTPBA 4,293,69
* ivn-mus LD50:300 mg/kg USXXAM #3590034

TK7909900 1-PIPERAZINEACETIC ACID, 4-(3,4,5-TRIMETHOXYCINNAMOYL)-, ETHYL ESTER, MALEATE
UPDT:8306 CAS: 24536-75-2 MW: 508.58 MOLFM: C20-H28-N2-O6 C4-H4-O4
SYN: 4-(3,4,5-TRIMETHOXYCINNAMOYL)-1-PIPERAZINEACETIC ACID ETHYL ESTER MALEATE * ((TRIMETHOXY-3',4',5' CINNAMOYL)-4 PIPERAZINYL)-2 ACETATE D'ETHYLE (MALEATE) (French)
TOXICITY DATA AND REFERENCES:
3F07F13F17 orl-rat LD50:4190 mg/kg THERAP 26,845,71
3F07F13F17 ivn-rat LD50:360 mg/kg THERAP 26,845,71
3F07F13F17 ims-rat LD50:1115 mg/kg THERAP 26,845,71
3F07F13F17 orl-mus LD50:1190 mg/kg THERAP 26,845,71
3F07F13F17 ivn-mus LD50:360 mg/kg THERAP 26,845,71
3F07F13F17 ims-mus LD50:845 mg/kg THERAP 26,845,71

TK7912030 PIPERAZINE, 1-(3-(3-ACETYL-4-(p-CHLOROPHENYL)PIPERIDINO)PROPYL)-4-METHYL-, TRIHYDROCHLORIDE
UPDT:8303 MW: 487.39 MOLFM: C21-H32-Cl-N3-O 3Cl-H
SYN: 4-ACETYL-4-(3-CHLOROPHENYL)-1-(3-(4-METHYLPIPERAZINO)-PROPYL)PIPERIDINE TRIHYDROCHLORIDE * 1-(3-(3-ACETYL-4-(p-(CHLOROPHENYL)PIPERIDINO)PROPYL)-4-METHYLPIPERAZINE TRIHYDROCHLORIDE * S 5 * TROJCHLOROWODOREK 4-ACETYLO-4-(3-CHLOROFENYLO)-1-(3-(4-METYLOPIPERAZYNO)-PROPYLO)-PIPERYDYNY
TOXICITY DATA AND REFERENCES:
3E15F17F29 orl-mus LD50:2290 mg/kg APPHAX 37,579,80
3E15F17F29 scu-mus LD50:2694 mg/kg APPHAX 37,579,80
3E15F17F29 ivn-mus LD50:148 mg/kg APPHAX 37,579,80

TK7918070 PIPERAZINE, 1-(1-ADAMANTYL)-
UPDT:8310 CAS: 19984-46-4 MW: 244.42 MOLFM: C16-H24-N2
SYN: 1-(1-ADAMANTYL)PIPERAZINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:185 mg/kg KHFZAN 14(3),59,80

PIPERAZINE ADIPATE see: MO1955000
PIPERAZINE, 1-(4-AMINO-6,7-DIMETHOXY-2-QUINAZOLINYL)-4-(2-FUROYL)-, MONOHYDROCHLORIDE see: VA1350000

TK8050000 PIPERAZINE, 1-(2-AMINOETHYL)-
UPDT:8308 CAS: 140-31-8 MW: 129.24 MOLFM: C6-H15-N3
SYN: AMINOETHYLPIPERAZINE * N-(beta-AMINOETHYL)PIPERAZINE * N-(2-AMINOETHYL)PIPERAZINE * 1-(2-AMINOETHYL)PIPERAZINE * N-AMINOETHYLPIPERAZINE (DOT) * UN 2815 (DOT) * USAF DO-46
IRRITATION DATA AND REFERENCES:
skn-rbt 100 ug/24H open AIHAAP 23,95,62
MUTATION DATA AND REFERENCES:
otr-mus:lym 1 uL/L ENMUDM 4,390,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2140 mg/kg AIHAAP 23,95,62
ipr-mus LD50:250 mg/kg NTIS** AD277-689
skn-rbt LD50:880 mg/kg UCDS** 6/13/69
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TK8062000 PIPERAZINE, 1-AMINO-4-METHYL-, DIHYDROCHLORIDE
UPDT:8412 MW: 188.13 MOLFM: C5-H13-N3 2Cl-H
SYN: 1-AMINO-4-METHYLPIPERAZINE DIHYDROCHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 10 umol/plate MUREAV 91,199,81

TK8065000 PIPERAZINE, 1-(3-(p-AMINOPHENOXY)PROPYL)-4-(o-METHOXYPHENYL)-, DIHYDROCHLORIDE
UPDT:8408 MW: 414.42 MOLFM: C20-H27-N3-O2 2Cl-H
SYN: 1-(p-AMINOPHENOXY)-3-(N(sup 1)-(o-METHOXYPHENYL)-N(sup 4)-PIPERAZINYL)PROPANE 2HCl * 1-(3-(p-AMINOPHENOXY)PROPYL)-4-(o-METHOXYPHENYL)PIPERAZINE DIHYDROCHLORIDE * COMPOUND 74-637
TOXICITY DATA AND REFERENCES:
2F17F25 orl-rat LD50:416 mg/kg DRFUD4 6,346,81
2F17F25 orl-mus LD50:319 mg/kg DRFUD4 6,346,81
2F17F25 ipr-mus LD50:158 mg/kg DRFUD4 6,346,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PIPERAZINE, ANHYDROUS see: TK7800000

TK8160000 PIPERAZINE, 1-(p-ANILINOBENZYL)-4-METHYL-
UPDT:8311 CAS: 64097-53-6 MW: 281.44 MOLFM: C18-H23-N3
SYN: 1-(p-ANILINOBENZYL)-4-METHYL-PIPERAZINE * BENZENAMINE, 4-((4-METHYL-1-PIPERAZINYL)METHYL)-N-PHENYL- (9CI) * 4-((4-METHYL-1-PIPERAZINYL)METHYL)-N-PHENYLBENZENAMINE
TOXICITY DATA AND REFERENCES:
3D28F13F19 orl-mus LD50:450 mg/kg EJMCA5 12,219,77

PIPERAZINE, 1-BENZHYDRYL-4-METHYL-, DIHYDROCHLORIDE see: TL6490000

PIPERAZINE, 1-(1,3-BENZODIOXOL-5-YLMETHYL)-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)- see: TM2648000

PIPERAZINE, 1-(1,3-BENZODIOXOL-5-YLMETHYL)-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)-, (E,E)- see: TM2648010

PIPERAZINE, 1-(1,3-BENZODIOXOL-5-YLMETHYL)-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)-, (E,Z)- see: TM2648020

PIPERAZINE, 1-(1,3-BENZODIOXOL-5-YLMETHYL)-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)-, (Z,E)- see: TM2648030

PIPERAZINE, 1-(1,3-BENZODIOXOL-5-YLMETHYL)-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)-(Z,Z)- see: TM2648040

PIPERAZINE, 1-BENZOYL-2,6-DIMETHYL-4-NITROSO- (9CI) see: TK8230000

TK8230000 PIPERAZINE, 4-BENZOYL-3,5-DIMETHYL-1-NITROSO-
UPDT:8403 CAS: 61034-40-0 MW: 248.34 MOLFM: C13-H18-N3-O2
SYN: 4-BENZOYL-3,5-DIMETHYL-N-NITROSOPIPERAZINE * N-NITROSO-4-BENZOYL-3,5-DIMETHYLPIPERAZINE * 1-NITROSO-4-BENZOYL-3,5-DIMETHYLPIPERAZINE * PIPERAZINE, 1-BENZOYL-2,6-DIMETHYL-4-NITROSO- (9CI)
MUTATION DATA AND REFERENCES:
mma-sat 250 ug/plate MUREAV 111,135,83
TUMORIGENIC DATA AND REFERENCES:
3V02K60L60 orl-rat TDLo:4300 mg/kg/50W-I CNREA8 41,1034,81
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TK8270000 PIPERAZINE, 1-((2-BENZOYL-1-PYRROLYL)ACETYL)-4-METHYL-, MONOHYDROCHLORIDE
UPDT:8306 CAS: 13216-75-6 MW: 347.88 MOLFM: C18-H21-N3-O2 Cl-H
SYN: 1-((2-BENZOYL-1-PYRROLYL)ACETYL)-4-METHYLPIPERAZINE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2A11F07 ivn-mus LD50:87 mg/kg CHTPBA 1,127,66

TK8271000 PIPERAZINE, 1-(2-(2-BENZOYL-1-PYRROLYL)-2-PHENYLACETYL)-4-METHYL-, MONOHYDROCHLORIDE
UPDT:8306 CAS: 13220-22-9 MW: 423.98 MOLFM: C24-H25-N3-O2 Cl-H
SYN: 1-(2-(2-BENZOYL-1-PYRROLYL)-2-PHENYLACETYL)-4-METHYLPIPERAZINE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2A11F07 par-mus LD50:75 mg/kg CHTPBA 1,127,66

TK8271500 PIPERAZINE, 1-(2-(2-BENZOYLPYRROL-1-YL)PROPIONYL)-4-METHYL-, HYDROCHLORIDE
UPDT:8306 CAS: 15008-86-3 MW: 361.91 MOLFM: C19-H23-N3-O2 Cl-H
SYN: 2-(2-BENZOYL-1-PYRROLYL)-1-(4-METHYL-1-PIPERAZINYL)-1-PROPANONE MONOHYDROCHLORIDE * 1-(2-(2-BENZOYLPYRROL-1-YL)PROPIONYL)-4-METHYLPIPERAZINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2A11F07 par-mus LD50:72 mg/kg CHTPBA 1,127,66

TK8372000 PIPERAZINE, 1-BENZYL-4-((3,4-DIHYDROXYPHENYL)ACETYL)-, DIHYDROCHLORIDE
UPDT:8403 MW: 399.35 MOLFM: C19-H22-N2-O3 2Cl-H
SYN: 1-BENZYL-4-((3,4-DIHYDROXYPHENYL)ACETYL)PIPERAZINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:267 mg/kg JAPMA8 46,279,57

TK8373000 PIPERAZINE, 1-BENZYL-4-((3,4-DIMETHOXYPHENYL)ACETYL)-, DIHYDROCHLORIDE
UPDT:8403 MW: 427.41 MOLFM: C21-H26-N2-O3 2Cl-H
SYN: 1-BENZYL-4-((3,4-DIMETHOXYPHENYL)ACETYL)PIPERAZINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:132 mg/kg JAPMA8 46,279,57

TK8700000 PIPERAZINE, 1,4-BIS(3-AMINOPROPYL)-
UPDT:8308 CAS: 7209-38-3 MW: 200.38 MOLFM: C10-H24-N4
SYN: BIS(AMINOPROPYL)PIPERAZINE (DOT) * NA 1760 (DOT) * 1,4-PIPERAZINEDIPROPANAMINE (9CI)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:3500 ug/kg CPBTAL 20,2459,72
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL, LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PIPERAZINE, 1,4-BIS(BIS(1-AZIRIDINYL)PHOSPHINYL)- see: SZ1300000

TK8780500 PIPERAZINE, 1,4-BIS((BIS(2-CHLOROETHYL)AMINO)ACETYL)-, DIHYDROCHLORIDE
UPDT:8405 MW: 523.20 MOLFM: C16-H28-Cl4-N4-O2 2Cl-H
SYN: 1,4-BIS((BIS(2-CHLOROETHYL)AMINO)ACETYL)PIPERAZINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1V30 ipr-rat LD50:7500 ug/kg CPBTAL 13,594,65

TK8930000 PIPERAZINE, 1-(BIS(p-CHLOROPHENYL)METHYL)-4-METHYL-, DIHYDROCHLORIDE
UPDT:8403 MW: 408.22 MOLFM: C18-H20-Cl2-N2 2Cl-H
SYN: 1-(BIS(p-CHLOROPHENYL)METHYL)-4-METHYLPIPERAZINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:82 mg/kg JAPMA8 46,279,57

TK9120000 PIPERAZINE, 1,4-BIS(2-(DIETHYLAMINO)ETHYL)-
UPDT:8305 MW: 284.56 MOLFM: C16-H36-N4
SYN: 1,4-BIS(2-(DIETHYLAMINO)ETHYL)PIPERAZINE
TOXICITY DATA AND REFERENCES:
3C08J22J30 scu-mus LD50:400 mg/kg THERAP 9,314,54

TK9187000 PIPERAZINE, 1-(BIS(p-FLUOROPHENYL)METHYL)-4-CINNAMYL-, DIHYDROCHLORIDE, (E)-
UPDT:8412 CAS: 30484-77-6 MW: 477.46 MOLFM: C26-H26-F2-N2 2Cl-H
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T35T46 orl-rat TDLo:330 mg/kg (7-17D preg) KSRNAM 16,1840,82
1T86 orl-rat TDLo:33 mg/kg (7-17D preg) KSRNAM 16,1840,82
2T75T76 orl-rat TDLo:120 mg/kg (18-21D preg) KSRNAM 18,1860,82
1T35 orl-rbt TDLo:286 mg/kg (6-18D preg) KSRNAM 16,1840,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TK9250000 PIPERAZINE, 1,4-BIS(1-FORMAMIDO-2,2,2-TRICHLOROETHYL)-, and SODIUM NITRITE
UPDT:8401
SYN: SODIUM NITRITE and TRIFORINE * TRIFORINE and SODIUM NITRITE
TUMORIGENIC DATA AND REFERENCES:
3V01K60L60 orl-mus TDLo:19 gm/kg/15W-I IARCCD 19,477,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TK9700000 PIPERAZINE, 1,4-BIS((2-METHOXY-4-PROPYLPHENOXY)ACETYL-
UPDT:8403 CAS: 154-82-5 MW: 498.68 MOLFM: C28-H38-N2-O6
SYN: AP 2 * 1,4-BIS((2-METHOXY-4-PROPYLPHENOXY)ACETYL)PIPERAZINE * KYORIN AP 2 * SIMETRIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:12 gm/kg MEIEDD 10,1225,83

TK9720000 PIPERAZINE, 1,4-BIS(alpha-METHYLBENZYL)-, DIHYDROBROMIDE
UPDT:8310 MW: 456.32 MOLFM: C20-H26-N2 2Br-H
SYN: 1,4-BIS(alpha-METHYLBENZYL)PIPERAZINE DIHYDROBROMIDE * F 198
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:720 mg/kg ARZNAD 9,628,59

TK9780000 PIPERAZINE, 1,4-BIS((2-METHYL-5-NITRO-1H-IMIDAZOL-1-YL)ACETYL)-
UPDT:8406 CAS: 80348-51-2 MW: 420.44 MOLFM: C16-H20-N8-O6
SYN: 1,4-BIS((2-METHYL-5-NITRO-1H-IMIDAZOL-1-YL)ACETYL)PIPERAZINE * DA 3840
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/L TCMUD8 3,429,83

TK9980000 PIPERAZINE, 2,5-BIS(PHENYLIMINO-
UPDT:8407 CAS: 73771-15-0 MW: 264.36 MOLFM: C16-H16-N4
SYN: 2,5-BISPHENYLIMINOPIPERAZINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#00847

TK9995000 PIPERAZINE, 1,4-BIS(3-PIPERIDINOETHYL)-
UPDT:8407 CAS: 22746-11-8 MW: 308.58 MOLFM: C18-H36-N4
SYN: 1,4-BIS(2-PIPERIDINOETHYL)PIPERAZINE
TOXICITY DATA AND REFERENCES:
3C08J22J30 scu-mus LD50:750 mg/kg THERAP 9,314,54

TL0165000 PIPERAZINE, 1,4-BIS(1-(2-PYRIDYL)ETHYL)-
UPDT:8310 CAS: 6592-02-5 MW: 296.46 MOLFM: C18-H24-N4
SYN: BIS-1,4-(alpha-METHYL-2-PYRIDYL)METHYLPIPERAZINE * 1,4-BIS(1-(2-PYRIDYL)ETHYL)PIPERAZINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:150 mg/kg JMCMAR 10,812,67

TL0255000 PIPERAZINE, 1-(beta-BUTOXY-p-CYCLOPENTYLPHENETHYL)-4-METHYL-, DIHYDROCHLORIDE
UPDT:8412 CAS: 19909-38-7 MW: 417.52 MOLFM: C22-H36-N2-O 2Cl-H
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:650 mg/kg CHTPBA 2,446,67

TL0280000 PIPERAZINE, 1-(p-tert-BUTYLBENZYL)-4-(p-CHLORO-alpha-PHENYLBENZYL)-, DIHYDROCHLORIDE
UPDT:8407 CAS: 129-74-8 MW: 506.00 MOLFM: C28-H33-Cl-N2 2Cl-H
SYN: BUCLIZINE DIHYDROCHLORIDE * BUCLODIN * 1-(p-tert-BUTYLBENZYL)-4-(p-CHLORODIPHENYLMETHYL)PIPERAZINE DIHYDROCHLORIDE * 1-(p-tert-BUTYLBENZYL-4-p-CHLORO-alpha-PHENYLBENZYL)PIPERAZINE DIHYDROCHLORIDE * 1-(p-CHLOROBENZHYDRYL)-4-(p-t-BUTYLBENZYL)DIETHYLENEDIAMINE DIHYDROCHLORIDE * 1-p-CHLOROBENZHYDRYL-4-p-(t)-BUTYLBENZYLPIPERAZINE DIHYDROCHLORIDE * HISTABUTYZINE DIHYDROCHLORIDE * LONGIFENE * SOFTRAN * UCB 4445 * VIBAZINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T43T46 orl-rat TDLo:360 mg/kg (10-15D preg) AJOGAH 95,109,66
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1000 mg/kg MEXPAG 4,145,61
ivn-rat LD50:500 mg/kg MEXPAG 4,145,61
orl-mus LD50:2100 mg/kg JAPMA8 43,653,54
ipr-mus LD50:430 mg/kg JAPMA8 43,653,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL0620000 PIPERAZINE, 1-n-BUTYRYL-4-CINNAMYL-, HYDROCHLORIDE
UPDT:8408 CAS: 17730-82-4 MW: 308.89 MOLFM: C17-H24-N2-O Cl-H
SYN: AP-237 * 1-BUTYRYL-4-CINNAMYLPIPERAZINE HYDROCHLORIDE * 1-n-BUTYRYL-4-CINNAMYL PIPERAZINE HYDROCHLORIDE * 1-BUTYRYL-4-(PHENYLALLYL)PIPERAZINE HYDROCHLORIDE * P 237 * PIPERAZINE, 1-BUTYRYL-4-(PHENYLALLYL)-, HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T03 orl-rat TDLo:10920 mg/kg (26W male) OYYAA2 6,173,72
1T13 orl-rat TDLo:3640 mg/kg (26W pre) OYYAA2 6,173,72
3T46T53T81 scu-rat TDLo:140 mg/kg (7-13D preg) OYYAA2 6,271,72
1T72 scu-rat TDLo:980 mg/kg (7-13D preg) OYYAA2 6,271,72
1T34 orl-mus TDLo:1260 mg/kg (7-13D preg) OYYAA2 6,271,72
1T81 orl-mus TDLo:140 mg/kg (7-13D preg) OYYAA2 6,271,72
1T46 scu-mus TDLo:1260 mg/kg (7-13D preg) OYYAA2 6,271,72
1T81 orl-rbt TDLo:200 mg/kg (7-16D preg) OYYAA2 6,271,72
TOXICITY DATA AND REFERENCES:
3F29U25F12 orl-rat LD50:545 mg/kg AIPTAK 213,28,75
1F29 scu-rat LD50:339 mg/kg JJPAAZ 20,287,70
1F29 ivn-rat LD50:70 mg/kg JJPAAZ 20,287,70
orl-mus LD50:710 mg/kg AIPTAK 213,28,75
scu-mus LD50:258 mg/kg AIPTAK 213,28,75
2F07F12 ivn-mus LD50:80800 ug/kg OYYAA2 6,173,72
orl-dog LDLo:260 mg/kg TXAPA9 25,443,73
1F29 orl-gpg LD50:700 mg/kg JJPAAZ 20,287,70
scu-gpg LDLo:400 mg/kg TXAPA9 25,443,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PIPERAZINE, 1-BUTYRYL-4-(PHENYLALLYL)-, HYDROCHLORIDE see: TL0620000

TL0709700 1-PIPERAZINECARBODITHIOIC ACID, 4-METHYL-, SODIUM SALT
UPDT:8403 CAS: 5712-49-2 MW: 198.30 MOLFM: C6-H11-N2-S2 Na
SYN: 4-METHYL-1-PIPERAZINECARBODITHIOIC ACID SODIUM SALT
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:225 mg/kg PHARAT 27,139,72
* ipr-mus LD50:110 mg/kg PHARAT 27,139,72

TL0709800 1-PIPERAZINECARBOTHIOIC ACID, 4-METHYL-, (5-NITROFURFURYLIDENE)HYDRAZIDE
UPDT:8407 CAS: 14052-75-6 MW: 297.37 MOLFM: C11-H15-N5-O3-S
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:200 mg/kg JMCMAR 10,530,67

TL0709900 1-PIPERAZINECARBOTHIOIC ACID, 4-(2-PYRIDYL)-, 2-(1-(2-PYRIDYL)ETHYLIDENE)HYDRAZIDE
UPDT:8411 MW: 340.49 MOLFM: C17-H20-N6-S
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:320 mg/kg JMCMAR 27,87,84

1-PIPERAZINECARBOXAMIDE, 4-BENZHYDRYL-, HYDROCHLORIDE see: TL1270000

TL0720000 1-PIPERAZINECARBOXAMIDE, 4-p-BROMOBENZYL-, HYDROCHLORIDE
UPDT:8403 MW: 334.68 MOLFM: C12-H16-Br-N3-O Cl-H
SYN: 4-p-BROMOBENZYL-1-PIPERAZINECARBOXAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:300 mg/kg JAPMA8 46,279,57

TL0850000 1-PIPERAZINECARBOXAMIDE, 4-(3,4-DICHLOROBENZYL)-, HYDROCHLORIDE
UPDT:8403 MW: 324.66 MOLFM: C12-H15-Cl2-N3-O Cl-H
SYN: 4-(3,4-DICHLOROBENZYL)-1-PIPERAZINECARBOXAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:300 mg/kg JAPMA8 46,279,57

TL0872000 1-PIPERAZINECARBOXAMIDINE, 4-(3,4-DICHLOROPHENYL)-, HEMISULFATE
UPDT:8408 CAS: 17238-50-5 MW: 644.46 MOLFM: C22-H28-Cl4-N8 H2-O4-S
SYN: 4-(3,4-DICHLOROPHENYL)-1-PIPERAZINECARBOXAMIDINE SULFATE (2:1)
TOXICITY DATA AND REFERENCES:
2F19J30 ivn-mus LD50:31700 ug/kg YKKZAJ 88,330,68

TL1225000 1-PIPERAZINECARBOXAMIDE, N,N-DIETHYL-4-METHYL-, CITRATE (1:1)
UPDT:8408 CAS: 1642-54-2 MW: 391.48 MOLFM: C10-H21-N3-O C6-H8-O7
SYN: BANOCIDE * CARICIDE * CAPITROL * CYPIP * DICAROCIDE * DIETHYLCARBAMAZANE CITRATE * DIETHYLCARBAMAZINE ACID CITRATE * DIETHYLCARBAMAZINE CITRATE * DIETHYLCARBAMAZINE HYDROGEN CITRATE * 1-DIETHYLCARBAMOYL-4-METHYLPIPERAZINE DIHYDROGEN CITRATE * N,N-DIETHYL-4-METHYL-1-PIPERAZINE CARBOXAMIDE CITRATE * N,N-DIETHYL-4-METHYL-1-PIPERAZINECARBOXAMIDE DIHYDROGEN CITRATE * DITRAZIN * DITRAZINE * DITRAZIN CITRATE * DITRAZINE CITRATE * ETHODRYL CITRATE * FRANOCIDE * FRANOZAN * HETRAZAN * LOXURAN * 1-METHYL-4-DIETHYLCARBAMOYLPIPERAZINE CITRATE * 1-PIPERAZINECARBOXAMIDE, N,N-DIETHYL-4-METHYL-, 2-HYDROXY-1,2,3-PROPANETRICARBOXYLATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:1800 mg/kg (8-16D preg) IJMRAQ 60,1529,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1400 mg/kg FAZMAE 17,108,73
* ihl-rat LC50:309 mg/m3/4H 85GMAT -,63,82
* scu-rat LD50:1136 mg/kg NIIRDN 6,306,82
orl-mus LD50:660 mg/kg 29ZVAB -,41,69
* ipr-mus LD50:819 mg/kg 85GMAT -,63,82
* scu-mus LD50:608 mg/kg NIIRDN 6,306,82
* ivn-mus LD50:180 mg/kg CSLNX* NX#00466
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL1240000 1-PIPERAZINECARBOXAMIDE, N,N-DIETHYL-4-METHYL-, HYDROCHLORIDE
UPDT:8408 CAS: 5348-97-0 MW: 235.80 MOLFM: C10-H21-N3-O Cl-H
SYN: DIETHYLCARBAMAZINE HYDROCHLORIDE * 1-DIETHYLCARBAMYL-4-METHYLPIPERAZINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F12 orl-rat LD50:1380 mg/kg ANYAA9 50,141,48
ipr-rat LD50:285 mg/kg CLDND*
1F12 ivn-rat LD50:150 mg/kg ANYAA9 50,141,48
1F12 orl-mus LD50:660 mg/kg ANYAA9 50,141,48
1F12 ipr-mus LD50:248 mg/kg ANYAA9 50,141,48
1F12 ivn-mus LD50:82 mg/kg ANYAA9 50,141,48
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1-PIPERAZINECARBOXAMIDE, N,N-DIETHYL-4-METHYL-, 2-HYDROXY-1,2,3-PROPANETRICARBOXYLATE see: TL1225000

TL1270000 1-PIPERAZINECARBOXAMIDE, 4-DIPHENYLMETHYL-, HYDROCHLORIDE
UPDT:8403 MW: 331.88 MOLFM: C18-H21-N3-O Cl-H
SYN: 4-DIPHENYLMETHYL-1-PIPERAZINECARBOXAMIDE HYDROCHLORIDE * 1-PIPERAZINECARBOXAMIDE, 4-BENZHYDRYL-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:150 mg/kg JAPMA8 46,279,57

TL1270800 1-PIPERAZINECARBOXAMIDE, N,N'-ETHYLENEBIS(N-BUTYL-4-METHYL-
UPDT:8407 MW: 424.72 MOLFM: C22-H44-N6-O2
SYN: N,N'-DIBUTYL-N,N'-BIS(4-METHYLPIPERAZINOCARBONYL)ETHYLENEDIAMINE * N,N'-ETHYLENEBIS(N-BUTYL-4-METHYL-1-PIPERAZINECARBOXAMIDE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:630 mg/kg CPBTAL 21,1,73

TL1282000 1-PIPERAZINECARBOXAMIDINE, 4-PHENYL-, SULFATE, HYDRATE (2:1:2)
UPDT:8408 CAS: 17321-55-0 MW: 542.74 MOLFM: C22-H32-N8 H2-O4-S 2H2-O
SYN: 4-PHENYL-1-PIPERAZINECARBOXAMIDINE SULFATE HYDRATE (2:1:2)
TOXICITY DATA AND REFERENCES:
2F19J30 ivn-mus LD50:21600 ug/kg YKKZAJ 88,330,68

TL1286100 1-PIPERAZINECARBOXAMIDINE, N-AMIDINO-4-PHENYL-, MONOHYDROCHLORIDE
UPDT:8308 CAS: 21866-39-3 MW: 282.82 MOLFM: C12-H18-N6 Cl-H
SYN: N-AMIDINO-4-PHENYL-1-PIPERAZINECARBOXAMIDINE HYDROCHLORIDE * 1-PIPERAZINECARBOXIMIDAMIDE, N-(AMINOIMINOMETHYL)-4-PHENYL-, MONOHYDROCHLORIDE * PPb (N-PHENYL)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1400 mg/kg JJPAAZ 25,353,75

TL1286300 1-PIPERAZINECARBOXAMIDINE, N-AMIDINO-4-(o-TOLYL)-, MONOHYDROCHLORIDE
UPDT:8308 CAS: 56609-43-9 MW: 296.85 MOLFM: C13-H20-N6 Cl-H
SYN: N-AMIDINO-4-(o-TOLYL)-1-PIPERAZINECARBOXAMIDINE HYDROCHLORIDE * 1-PIPERAZINECARBOXIMIDAMIDE, N-(AMINOIMINOMETHYL)-4-(2-METHYLPHENYL)-, MONOHYDROCHLORIDE * PPb (N-o-TOLYL)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1200 mg/kg JJPAAZ 25,353,75

TL1286350 1-PIPERAZINECARBOXAMIDINE, N-AMIDINO-4-(p-TOLYL)-, MONOHYDROCHLORIDE
UPDT:8308 CAS: 56609-44-0 MW: 296.85 MOLFM: C13-H20-N6 Cl-H
SYN: N-AMIDINO-4-(p-TOLYL)-1-PIPERAZINECARBOXAMIDINE HYDROCHLORIDE * 1-PIPERAZINECARBOXIMIDAMIDE, N-(AMINOIMINOMETHYL)-4-(4-METHYLPHENYL)-, MONOHYDROCHLORIDE * PPb (N-p-TOLYL)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1200 mg/kg JJPAAZ 25,353,75

TL1287000 1-PIPERAZINECARBOXAMIDINE, 4-(m-CHLOROPHENYL)-, HEMISULFATE
UPDT:8408 CAS: 17321-56-1 MW: 287.79 MOLFM: C11-H15-Cl-N4 1/2H2-O4-S
SYN: 1-(3-CHLOROPHENYL)-4-GUANYLPIPERAZINE HEMISULFATE * 4-(3-CHLOROPHENYL)-1-PIPERAZINECARBOXAMIDINE HEMISULFATE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:112 mg/kg YKKZAJ 90(12),1563,70
2F19J30 ivn-mus LD50:23400 ug/kg YKKZAJ 88,330,68

TL1287200 1-PIPERAZINECARBOXAMIDINE, 4-(p-CHLOROPHENYL)-, HEMISULFATE
UPDT:8408 CAS: 17238-49-2 MW: 287.79 MOLFM: C11-H15-Cl-N4 1/2H2-O4-S
SYN: 1-(4-CHLOROPHENYL)-4-GUANYLPIPERAZINE HEMISULFATE * 4-(4-CHLOROPHENYL)-1-PIPERAZINECARBOXAMIDINE HEMISULFATE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:101 mg/kg YKKZAJ 90(12),1563,70
2F19J30 ivn-mus LD50:26 mg/kg YKKZAJ 88,330,68

TL1288800 1-PIPERAZINECARBOXAMIDINE, 4-(m-TOLYL)-, HEMISULFATE
UPDT:8408 CAS: 17238-51-6 MW: 267.38 MOLFM: C12-H18-N4 1/2H2-O4-S
SYN: 1-(3-METHYLPHENYL)-4-GUANYLPIPERAZINE HEMISULFATE * 4-(m-TOLYL)-1-PIPERAZINECARBOXAMIDINE HEMISULFATE * 4-m-TOLYL-1-PIPERAZINECARBOXAMIDINE SULFATE (2:1)
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:135 mg/kg YKKZAJ 90(12),1563,70
2F19J30 ivn-mus LD50:17 mg/kg YKKZAJ 88,330,68

TL1318000 1-PIPERAZINECARBOXANILIDE, 4-(3-ETHOXY-2-HYDROXYPROPYL)-4'-FLUORO-
UPDT:8402 MW: 325.43 MOLFM: C16-H24-F-N3-O3
SYN: 4-(3-ETHOXY-2-HYDROXYPROPYL)-4'-FLUORO-1-PIPERAZINECARBOXANILIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1570 mg/kg APFRAD 40,339,82

TL1319000 1-PIPERAZINECARBOXANILIDE, 4'-FLUORO-4-(p-FLUOROPHENYL)-
UPDT:8402 MW: 317.37 MOLFM: C17-H17-F2-N3-O
SYN: 4'-FLUORO-4-(p-FLUOROPHENYL)-1-PIPERAZINECARBOXANILIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg APFRAD 40,339,82

TL1319100 1-PIPERAZINECARBOXANILIDE, 4'-FLUORO-4-(2-HYDROXYETHYL)-
UPDT:8402 MW: 267.34 MOLFM: C13-H18-F-N3-O2
SYN: 4'-FLUORO-4-(2-HYDROXYETHYL)-1-PIPERAZINECARBOXANILIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1950 mg/kg APFRAD 40,339,82

TL1319300 1-PIPERAZINECARBOXANILIDE, 4'-FLUORO-4-METHYL-
UPDT:8402 MW: 237.31 MOLFM: C12-H16-F-N3-O
SYN: 4'-FLUORO-4-METHYL-1-PIPERAZINECARBOXANILIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:575 mg/kg APFRAD 40,339,82

TL1319500 1-PIPERAZINECARBOXANILIDE, 4'-FLUORO-4-PHENYL-
UPDT:8402 MW: 299.38 MOLFM: C17-H18-F-N3-O
SYN: 4'-FLUORO-4-PHENYL-1-PIPERAZINECARBOXANILIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:575 mg/kg APFRAD 40,339,82

1-PIPERAZINECARBOXIMIDAMIDE, N-(AMINOIMINOMETHYL)-4-(2-METHYLPHENYL)-, MONOHYDROCHLORIDE see: TL1286300

1-PIPERAZINECARBOXIMIDAMIDE, N-(AMINOIMINOMETHYL)-4-(4-METHYLPHENYL)-, MONOHYDROCHLORIDE see: TL1286350

1-PIPERAZINECARBOXIMIDAMIDE, N-(AMINOIMINOMETHYL)-4-PHENYL-, MONOHYDROCHLORIDE see: TL1286100

TL1352000 1-PIPERAZINECARBOXYLIC ACID, 4-(2-CHLOROETHYL)-, ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8408 CAS: 6308-85-6 MW: 257.19 MOLFM: C9-H17-Cl-N2-O2 Cl-H
SYN: 4-(2-CHLOROETHYL)-1-PIPERAZINECARBOXYLIC ACID ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:113 mg/kg IJEBA6 15,639,77

TL1360000 1-PIPERAZINECARBOXYLIC ACID, 4-(2-(3,4-DIHYDRO-2(1H)-ISOQUINOLINYL)ETHYL)-, ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8408 CAS: 64822-13-5 MW: 353.94 MOLFM: C18-H27-N3-O2 Cl-H
SYN: 4-(2-(3,4-DIHYDRO-2(1H)-ISOQUINOLINYL)ETHYL)-1-PIPERAZINECARBOXYLIC ACID ETHYL ESTER HCl
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:210 mg/kg IJEBA6 15,639,77

TL1425000 1-PIPERAZINECARBOXYLIC ACID, 4-METHYL-, 6-(5-CHLORO-2-PYRIDINYL)-6,7-DIHYDRO-7-OXO-5H- PYRROLO(3,4-b)PYRAZIN-5-YL ESTER
UPDT:8412 CAS: 43200-80-2 MW: 388.85 MOLFM: C17-H17-Cl-N6-O3
TOXICITY DATA AND REFERENCES:
3F17J25U26 orl-rat LD50:827 mg/kg OYYAA2 26,935,83
3F17J25U26 ipr-rat LD50:771 mg/kg OYYAA2 26,935,83
3F17J25U26 scu-rat LD50:540 mg/kg OYYAA2 26,935,83
3F17J25U26 ivn-rat LD50:280 mg/kg OYYAA2 26,935,83
3F17J25U26 ims-rat LD50:295 mg/kg OYYAA2 26,935,83
3F17J25U26 orl-mus LD50:2174 mg/kg OYYAA2 26,935,83
3F17J25U26 ipr-mus LD50:1325 mg/kg OYYAA2 26,935,83
3F17J25U26 scu-mus LD50:888 mg/kg OYYAA2 26,935,83
3F17J25U26 ivn-mus LD50:321 mg/kg OYYAA2 26,935,83
3F17J25U26 ims-mus LD50:541 mg/kg OYYAA2 26,935,83

TL1470000 1-PIPERAZINECARBOXYLIC ACID, 4-NITROSO-, ETHYL ESTER
UPDT:8401 CAS: 13256-15-0 MW: 187.23 MOLFM: C7-H13-N3-O3
SYN: ETHYL 4-NITROSO-1-PIPERAZINECARBOXYLATE * N-NITROSO-N'-CARBAETHOXYPIPERAZIN (German) * N-NITROSO-N'-CARBETHOXYPIPERAZINE
TUMORIGENIC DATA AND REFERENCES:
3V03D09L60 scu-rat TDLo:2300 mg/kg/66W-I ZEKBAI 69,103,67
TOXICITY DATA AND REFERENCES:
scu-rat LD50:400 mg/kg ZEKBAI 69,103,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL1485000 1-PIPERAZINECARBOXYLIC ACID, 4-(2-(1-(2-PYRIDYL)ETHYL)THIOCARBAZOYL)-, ETHYL ESTER, N'''-OXIDE
UPDT:8412 CAS: 87587-19-7 MW: 353.49 MOLFM: C15-H23-N5-O3-S
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:320 mg/kg JMCMAR 27,87,84

TL1495000 1-PIPERAZINECARBOXYLIC ACID, 4-(((2,4,6-XYLIDINO)CARBONYL)METHYL)-, ETHYL ESTER
UPDT:8309 MW: 333.48 MOLFM: C18-H27-N3-O3
SYN: S 385 * 4-(((2,4,6-XYLIDINO)CARBONYL)METHYL)-1-PIPERAZINECARBOXYLIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:710 mg/kg JPMSAE 50,161,61

TL1505000 PIPERAZINE, 1-p-CHLOROBENZYL-4-((3,4-DIHYDROXYPHENYL)ACETYL)-, DIHYDROCHLORIDE
UPDT:8403 MW: 433.79 MOLFM: C19-H21-Cl-N2-O3 2Cl-H
SYN: 1-p-CHLOROBENZYL-4-((3,4-DIHYDROXYPHENYL)ACETYL)PIPERAZINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:215 mg/kg JAPMA8 46,279,57

TL1518000 PIPERAZINE, 1-(CHLORO(p-CHLOROPHENYL)ACETYL)-4-METHYL-, HYDROCHLORIDE
UPDT:8403 MW: 323.67 MOLFM: C13-H16-Cl2-N2-O Cl-H
SYN: 1-(CHLORO(p-CHLOROPHENYL)ACETYL)-4-METHYLPIPERAZINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:225 mg/kg JAPMA8 46,279,57

PIPERAZINE, (p-CHLORODIAMINO CINNAMOYL) see: GD8550000

TL1570000 PIPERAZINE, 1-(8-CHLORO-10,11-DIHYDRODIBENZO(b,f)THIEPIN-10-YL)-4-METHYL-
UPDT:8412 CAS: 13448-22-1 MW: 344.93 MOLFM: C19-H21-Cl-N2-S
SYN: 1-(8-CHLORO-10,11-DIHYDRODIBENZO(b,f)THIEPIN-10-YL)-4-METHYLPIPERAZINE * CLOROTEPINE * CLOTEPIN * CLOTHEPIN * OCTOCLOTHEPIN * OCTOCLOTHEPINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:1080 mg/kg (2-19D preg) THERAP 22,1429,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL1925000 PIPERAZINE, 1-(p-CHLORO-alpha-PHENYLBENZYL)-4-METHYL-
UPDT:8402 CAS: 82-93-9 MW: 300.86 MOLFM: C18-H21-Cl-N2
SYN: CHLORCYCLINE * CHLORCYCLIZINE * 1-(4-CHLOROBENZHYDRYL)-4-METHYLPIPERAZINE * CHLOROCYCLINE * CHLOROCYCLIZINE * 1-(p-CHLORO-alpha-PHENYLBENZYL)-4-METHYLPIPERAZINE * DI-PARALEN * DIPARALENE * HISTANTIN * HISTANTINE
MUTATION DATA AND REFERENCES:
dni-rat-ipr 50 mg/kg JPETAB 171,109,70
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T41T43T53 orl-rat TDLo:160 mg/kg (13-15D preg) TXAPA9 17,76,70
1T55 orl-rat TDLo:200 mg/kg (13-16D preg) TXAPA9 17,67,70
3T42T45T47 orl-rat TDLo:755 mg/kg (7-17D preg) ARZNAD 31,1225,81
1T46 orl-rat TDLo:330 mg/kg (7-17D preg) ARZNAD 31,1225,81

2T12T13 orl-rat TDLo:1890 mg/kg (21D pre) JRPFA4 31,463,72
2T25T43 orl-mam TDLo:240 mg/kg (18-25D preg) AOBIAR 13,1281,68
1T25 scu-mam TDLo:440 mg/kg (15-25D preg) AOBIAR 13,1281,68

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:137 mg/kg 85ESA3 9,264,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FEPRA7 35(1),89,76; JRPMAP 12(1),27,74; ADVPA3 4,263,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL1970000 PIPERAZINE, 1-(p-CHLORO-alpha-PHENYLBENZYL)-4-(m-METHYLBENZYL)-
UPDT:8306 CAS: 569-65-3 MW: 390.99 MOLFM: C25-H27-Cl-N2
SYN: ANCOLAN * ANCOLON * BONADETTES * BONADOXIN * BONAMINE * CALMONAL * BONINE * CHICLIDA * 1-(p-CHLOROBENZHYDRYL)-4-(m-METHYLBENZYL)DIETHYLENEDIAMINE * 1-p-CHLOROBENZHYDRYL-4-m-METHYLBENZYLPIPERAZINE * 1-(p-CHLORO-alpha-PHENYLBENZYL)-4-(m-METHYLBENZYL)PIPERAZINE * HISTAMETHINE * HISTAMETHIZINE * HISTAMETIZINE * HISTAMETIZYNE * ITINEROL * LONGIFENE * MAREX * MECLIZINE * MECLOZINE * MONAMINE * NAVICALM * NEO-ISTAFENE * NEO-SUPRIMAL * NEO-SUPRIMEL * PARACHLORAMINE * PEREMESIN * POSTAFEN * POSTAFENE * SABARI * SEA-LEGS * SIGURAN * SUBARI * SUPRIMAL * TRAVELON * UCB 170 * UCB 5052 * UCB 5062 * VIBAZINE * VOMISSELS

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T75 unk-wmn TDLo:1500 ug/kg (48-69D preg) LANCAO 1,222,63
1T55 orl-rat TDLo:600 mg/kg (13-16D preg) TXAPA9 17,67,70
1T25 orl-rat TDLo:400 mg/kg (7-10D preg) LIFSAK 2,303,63
1T34 orl-rat TDLo:1400 mg/kg (8-15D preg) PSDTAP 9,134,68
1T59 orl-rat TDLo:1 gm/kg (8-15D preg) PSDTAP 9,134,68

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1750 mg/kg PSDTAP 9,134,68
ivn-rat LD50:75 mg/kg MEXPAG 4,145,61
orl-mus LD50:1650 mg/kg CLDND*
ims-mus LD50:625 mg/kg CLDND*

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BCSTB5 2(4),695,74; ADVPA3 4,263,66; AJDCAI 112,99,66; ATXKA8 28,135,71; BMJOAE 1,1476,63

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL2050000 PIPERAZINE, 1-(p-CHLORO-alpha-PHENYLBENZYL)-4-(m-METHYLBENZYL)-, HYDROCHLORIDE
UPDT:8305 CAS: 36236-67-6 MW: 427.45 MOLFM: C25-H27-Cl-N2 Cl-H
SYN: BONINE * 1-(p-CHLORO-alpha-PHENYLBENZYL)-4-(m-METHYLBENZYL)PIPERAZINE HYDROCHLORIDE * MECLIZINE HYDROCHLORIDE * MECLOZINE HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:100 mg/kg (11-14D preg) SCIEAS 141,353,63
1T46 orl-rat TDLo:375 mg/kg (1-15D preg) SCIEAS 141,353,63
1T43 orl-rat TDLo:250 mg/kg (10-14D preg) SCIEAS 141,353,63
1T31 orl-rat TDLo:750 mg/kg (12-14D preg) PSEBAA 114,747,63

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1600 mg/kg NIIRDN 6,814,82
* ipr-mus LD50:625 mg/kg NIIRDN 6,814,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL2065000 PIPERAZINE, 1-(m-CHLORO-alpha-PHENYLBENZYL)-4-METHYL-, DIHYDROCHLORIDE
UPDT:8403 MW: 373.78 MOLFM: C18-H21-Cl-N2 2Cl-H
SYN: 1-(m-CHLORO-alpha-PHENYLBENZYL)-4-METHYLPIPERAZINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:69 mg/kg JAPMA8 46,279,57

TL2070000 PIPERAZINE, 1-(o-CHLORO-alpha-PHENYLBENZYL)-4-METHYL-, DIHYDROCHLORIDE
UPDT:8403 MW: 373.78 MOLFM: C18-H21-Cl-N2 2Cl-H
SYN: 1-(o-CHLORO-alpha-PHENYLBENZYL)-4-METHYLPIPERAZINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:93 mg/kg JAPMA8 46,279,57

TL2100000 PIPERAZINE, 1-(p-CHLORO-alpha-PHENYLBENZYL)-4-METHYL-, DIHYDROCHLORIDE
UPDT:8403 CAS: 129-71-5 MW: 373.78 MOLFM: C18-H21-Cl-N2 2Cl-H
SYN: AH 289 * CHLORCYCLIZINE DIHYDROCHLORIDE * 1-(4-CHLOROBENZHYDRYL)-4-METHYLPIPERAZINE DIHYDROCHLORIDE * 1-(p-CHLORO-alpha-PHENYLBENZYL)-4-METHYL-PIPERAZINE DIHYDROCHLORIDE * DI-PARALENE-2-HYDROCHLORIDE * HISTANTINE DIHYDROCHLORIDE * N-METHYL-N'-(4-CHLOROBENZHYDRYL)PIPERAZINE DIHYDROCHLORIDE * PERAZIL * PERAZIL DIHYDROCHLORIDE * TRIHISTAN

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:100 mg/kg AIPTAK 80,378,49
* orl-mus LDLo:150 mg/kg AIPTAK 80,378,49
ipr-mus LD50:137 mg/kg JPETAB 96,388,49
1F07 scu-mus LDLo:150 mg/kg AIPTAK 80,378,49
* ivn-mus LD50:35 mg/kg AIPTAK 80,378,49
* ipr-dog LDLo:100 mg/kg AIPTAK 80,378,49
ipr-cat LD50:75 mg/kg AIPTAK 80,378,49
1C17 ipr-gpg LD50:100 mg/kg AIPTAK 80,378,49

TL2200000 PIPERAZINE, 1-(p-CHLORO-alpha-PHENYLBENZYL)-4-METHYL-, HYDROCHLORIDE
UPDT:8405 CAS: 14362-31-3 MW: 556.08 MOLFM: C18-H21-Cl-N2 xCl-H
SYN: AH-289 HYDROCHLORIDE * CHLORCYCLIZINE HYDROCHLORIDE * CHLORCYCLIZINIUM CHLORIDE * 1-(p-CHLOROBENZHYDRYL)-4-METHYLPIPERAZINE HYDROCHLORIDE * DIPARALENE HYDROCHLORIDE * ERAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T39 orl-rat TDLo:240 mg/kg (12-15D preg) TJADAB 18,199,78
3T43T46T55 orl-rat TDLo:100 mg/kg (12-15D preg) JPETAB 147,391,65
2T02T03 orl-rat TDLo:3024 mg/kg (28D male) BIREBV 7,398,72
1T43 orl-mus TDLo:400 mg/kg (13-16D preg) FCTXAV 10,839,72
3T25T35T42 ims-mus TDLo:200 mg/kg (12-13D preg) AIPTAK 194,168,71
1T43 ims-mus TLDo:200 mg/kg (12-13D preg) AIPTAK 194,168,71

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:100 mg/kg CLDND*
orl-mus LD50:300 mg/kg CLDND*
ipr-mus LD50:100 mg/kg CLDND*
scu-mus LD50:200 mg/kg CLDND*
ivn-mus LD50:35 mg/kg CLDND*
ipr-dog LD50:125 mg/kg CLDND*
ipr-cat LD50:100 mg/kg CLDND*
ipr-gpg LD50:100 mg/kg CLDND*

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL2275000 PIPERAZINE, 1-(p-CHLORO-alpha-PHENYLBENZYL)-4-METHYL-, MONOHYDROCHLORIDE
UPDT:8407 CAS: 894-56-4 MW: 337.32 MOLFM: C18-H21-Cl-N2 Cl-H
SYN: CHLORCYCLIZINE HYDROCHLORIDE * CHLOROCYCLIZINE HYDROCHLORIDE * 1-(p-CHLORO-alpha-PHENYLBENZYL)-4-METHYLPIPERAZINE HYDROCHLORIDE * PERAZIL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T43 orl-rat TDLo:500 mg/kg (6-15D preg) TXCYAC 8,87,77
2T17T86 orl-rat TDLo:650 mg/kg (10-22D preg) VAAZA2 39,59,82
2T43T46 orl-mus TDLo:800 mg/kg (11-14D preg) AJOGAH 95,109,66

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:100 mg/kg 27ZQAG -,213,72
orl-mus LD50:300 mg/kg 27ZQAG -,213,72
ipr-mus LD50:137 mg/kg JPETAB 96,388,49
scu-mus LD50:200 mg/kg 27ZQAG -,213,72
* ivn-mus LD50:50800 ug/kg TXAPA9 1,454,56
ipr-dog LD50:125 mg/kg 27ZQAG -,213,72
ipr-cat LD50:75 mg/kg 27ZQAG -,213,72
ipr-gpg LD50:100 mg/kg 27ZQAG -,213,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL2380000 PIPERAZINE, 1-(2-((o-CHLORO-alpha-PHENYLBENZYL)OXY)ETHYL)-4-(o-METHYLBENZYL)-, DIHYDROCHLORIDE
UPDT:8403 CAS: 5576-62-5 MW: 507.97 MOLFM: C27-H31-Cl-N2-O 2Cl-H
SYN: ANTIULCERA MASTER * CHLORBENZOSAMINE DIHYDROCHLORIDE * CHLORBENZOXAMINE DIHYDROCHLORIDE * CHLORBENZOXYETHAMINE DIHYDROCHLORIDE * GASTOMAX * LIBRATAR * U.C.B. 1474

TOXICITY DATA AND REFERENCES:
orl-rat LD50:3350 mg/kg AIPTAK 118,167,59
ivn-rat LD50:66 mg/kg AIPTAK 118,167,59
orl-mus LD50:1400 mg/kg AIPTAK 118,167,59

TL3000500 PIPERAZINE, 1-(p-CHLOROPHENYL)-2-METHYL-
UPDT:8310 CAS: 35117-80-1 MW: 210.73 MOLFM: C11-H15-Cl-N2
SYN: 1-(p-CHLOROPHENYL)-2-METHYLPIPERAZINE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg CSLNX* NX#03776

PIPERAZINE, 1-(4-CHLOROPHENYL)-4-(2-(3-(2-PYRIDYL)ACRYLOXY)ETHYL)- see: UR9275000

TL3455000 PIPERAZINE, 1-CINNAMYL-4-(DIPHENYLMETHYL)-, and SODIUM NITRITE (1:10), reaction product
UPDT:8303
SYN: Reaction product of CINNARIZINE and NITRITE (1:10) * Reaction product of NITRITE and CINNARIZINE (10:1)

MUTATION DATA AND REFERENCES:
mmo-sat 50 mmol/L CALEDQ 15,53,82
mmo-sat 50 mmol/L CALEDQ 15,53,82

PIPERAZINE CITRATE see: TL3485000

TL3485000 PIPERAZINE, CITRATE (3:2)
UPDT:8411 CAS: 144-29-6 MW: 642.76 MOLFM: C12-H30-N6 C12-H16-O14
SYN: ANTEPAR * ANTHECOLE * ANTOBAN * ARPEZINE * ASCAREX SYRUP * EXELMIN * HELMEZINE * MULTIFUGE * MULTIFUGE CITRATE * OXUCIDE * OXYZINE * OXYZIN * PARAZINE * PIN-TEGA * PIPERAZINE CITRATE * PIPERAZINE CITRATE TELRA * PIPIZAN * PIPIZAN CITRATE SYRUP * RHOMEX * TA-VERM * TRIPIPERAZINE DICITRATE * VERMAGO

TOXICITY DATA AND REFERENCES:
orl-chd LDLo:260 mg/kg/3D-I LANCAO 1,895,67
3D23F11K13 orl-man TDLo:150 mg/kg/5D JAMAAP 161,515,56
3F07F12F24 unk-inf TDLo:500 mg/kg/2D INPDAR 18,71,81
3F07F19K12 orl-rat LD50:11200 mg/kg JMCMAR 6,336,63
3F07F19K12 orl-mus LD50:8500 mg/kg JMCMAR 6,336,63
ivn-mus LDLo:100 mg/kg CLDND*
ivn-rbt LDLo:175 mg/kg CLDND*

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PIPERAZINE CITRATE TELRA see: TL3485000

TL3486200 PIPERAZINE, 1-alpha-CYCLOHEXYLBENZYL-4-ETHYL-, HYDROCHLORIDE
UPDT:8403 MW: 322.97 MOLFM: C19-H30-N2 Cl-H
SYN: 1-alpha-CYCLOHEXYLBENZYL-4-ETHYLPIPERAZINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:93 mg/kg JAPMA8 46,279,57

TL3486300 PIPERAZINE, 1-alpha-CYCLOHEXYLBENZYL-4-METHYL-, DIHYDROCHLORIDE
UPDT:8403 MW: 345.40 MOLFM: C18-H28-N2 2Cl-H
SYN: 1-alpha-CYCLOHEXYLBENZYL-4-METHYLPIPERAZINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:91 mg/kg JAPMA8 46,279,57

TL3486500 PIPERAZINE, 1-CYCLOHEXYL-4-(1,2-DIPHENYLETHYL)-, DIHYDROCHLORIDE, (+-)-
UPDT:8303 CAS: 57314-55-3 MW: 421.50 MOLFM: C24-H32-N2 2Cl-H
SYN: (+-)-1-CYCLOHEXYL-4-(1,2-DIPHENYLETHYL)PIPERAZINE DIHYDROCHLORIDE * MT-45

TOXICITY DATA AND REFERENCES:
orl-rat LD50:150 mg/kg DRFUD4 2,39,77
scu-rat LD50:136 mg/kg DRFUD4 2,39,77
ivn-rat LD50:7800 ug/kg DRFUD4 2,39,77
orl-mus LD50:329 mg/kg DRFUD4 2,39,77
ipr-mus LD50:58400 ug/kg DRFUD4 2,39,77
scu-mus LD50:743 mg/kg DRFUD4 2,39,77
ivn-mus LD50:17800 ug/kg DRFUD4 2,39,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL3486600 PIPERAZINE, 1-CYCLOHEXYL-4-(1,2-DIPHENYLETHYL)-, DIHYDROCHLORIDE, (R)-
UPDT:8303 CAS: 57426-38-7 MW: 421.50 MOLFM: C24-H32-N2 2Cl-H
SYN: (-)-1-CYCLOHEXYL-4-(1,2-DIPHENYLETHYL)PIPERAZINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F21F25J22 ivn-rat LD50:12900 ug/kg AIPTAK 221,105,76
3F21F25J22 ivn-mus LD50:17900 ug/kg AIPTAK 221,105,76

TL3486610 PIPERAZINE, 1-CYCLOHEXYL-4-(1,2-DIPHENYLETHYL)-, DIHYDROCHLORIDE, (S)-
UPDT:8303 CAS: 52694-54-9 MW: 421.50 MOLFM: C24-H32-N2 2Cl-H
SYN: (+)-1-CYCLOHEXYL-4-(1,2-DIPHENYLETHYL)PIPERAZINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F21F25J22 ivn-rat LD50:8 mg/kg AIPTAK 221,105,76
3F21F25J22 orl-mus LD50:274 mg/kg AIPTAK 221,105,76
3F21F25J22 scu-mus LD50:320 mg/kg AIPTAK 221,105,76
3F21F25J22 ivn-mus LD50:18500 ug/kg AIPTAK 221,105,76

TL3486700 PIPERAZINE, 1-(alpha-CYCLOHEXYL-p-METHOXYBENZYL)-4-METHYL-, DIHYDROCHLORIDE
UPDT:8403 MW: 375.43 MOLFM: C19-H30-N2-O 2Cl-H
SYN: 1-(alpha-CYCLOHEXYL-p-METHOXYBENZYL)-4-METHYLPIPERAZINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:155 mg/kg JAPMA8 46,279,57

TL3498500 PIPERAZINE, 1-DECYL-, DIHYDROCHLORIDE
UPDT:8403 MW: 299.38 MOLFM: C14-H30-N2 2Cl-H
SYN: 1-DECYLPIPERAZINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:93 mg/kg JAPMA8 46,279,57

TL3498600 PIPERAZINE, 1-DECYL-2,5-DIMETHYL-, DIHYDROCHLORIDE
UPDT:8403 MW: 326.43 MOLFM: C16-H33-N2 2Cl-H
SYN: 1-DECYL-2,5-DIMETHYLPIPERAZINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:95 mg/kg JAPMA8 46,279,57

TL3498700 PIPERAZINE, 1-DECYL-2,4,5-TRIMETHYL-, DIHYDROCHLORIDE
UPDT:8403 MW: 341.47 MOLFM: C17-H36-N2 2Cl-H
SYN: 1-DECYL-2,4,5-TRIMETHYLPIPERAZINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:197 mg/kg JAPMA8 46,279,57

PIPERAZINE DIANTIMONY TARTRATE see: CC2853000
1,4-PIPERAZINEDIETHANAMINIUM, N,N,N',N'-TETRAETHYL-N,N'-BIS(PHENYLMETHYL)-, DIBROMIDE (9Cl) see: BS3859100
1,4-PIPERAZINEDIETHANOL, BIS(1-NAPHTHALENEACRYLATE), DIHYDROCHLORIDE see: QJ1399800
1,4-PIPERAZINEDIETHANOL, BIS(2-PYRIDINEACRYLATE) see: UR9280200
1,4-PIPERAZINEDIETHANOL, BIS(3-PYRIDINEACRYLATE) see: UR9280300
1,4-PIPERAZINEDIETHANOL, BIS(4-PYRIDINEACRYLATE) see: UR9280400
1,4-PIPERAZINEDIETHANOL, BIS(2-QUINOLINEACRYLATE) see: VA9614700
1,4-PIPERAZINEDIETHANOL, BIS(4-QUINOLINEACRYLATE) see: VA9614800
1,4-PIPERAZINEDIETHANOL, DICROTONATE (ester), DIHYDROCHLORIDE see: GQ5805000

TL3690000 1,4-PIPERAZINEDIETHANOL, beta,beta'-DIMETHYL-, BIS(3-PYRIDINEACRYLATE)
UPDT:8512 MW: 464.62 MOLFM: C26-H32-N4-O4
SYN: beta,beta'-DIMETHYL-1,4-PIPERAZINEDIETHANOL BIS(3-PYRIDINEACRYLATE)
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:950 mg/kg JPMSAE 55,290,66

TL4025000 PIPERAZINE, DIHYDROCHLORIDE
UPDT:8408 CAS: 142-64-3 MW: 159.08 MOLFM: C4-H10-N2 2Cl-H
SYN: DIHYDROCHLORIDE SALT of DIETHYLENEDIAMINE * DOWZENE DHC * PIPERAZINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4900 mg/kg GUCHAZ 6,416,73
1J26 ipr-mus LD50:1970 mg/kg JJFAAZ 17,475,67
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg/m3 DTLVS* 4,342,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TL4040000 PIPERAZINE DIHYDROCHLORIDE and SODIUM NITRITE (1:1)
UPDT:8407 MW: 228.08 MOLFM: C4-H10-N2 N-Na-O2 2Cl-H
SYN: SODIUM NITRITE and PIPERAZINE DIHYDROCHLORIDE (1:1)
MUTATION DATA AND REFERENCES:
hma-mus/sat 145 umol/kg CNREA8 37,4572,77

TL4900000 PIPERAZINE, 1-(3,4-DIMETHOXYBENZYL)-1-(2-(3-METHYLPYRAZINYL))-
UPDT:8409 CAS: 63978-37-0 MW: 328.46 MOLFM: C18-H24-N4-O2
SYN: 1-(3,4-DIMETHOXYBENZYL)-1-(2-(3-METHYLPYRAZINYL))PIPERAZINE
TOXICITY DATA AND REFERENCES:
1Y01 orl-mus LD50:12 mg/kg AMIHAB 11,487,55
ipr-mus LD50:150 mg/kg JMCMAR 6,541,63

TL5812000 PIPERAZINE, 1-(3,5-DIMETHOXY-4-HYDROXYCINNAMOYL)-4-HEXAHYDROAZEPINYLCARBONYLMETHYL-
UPDT:8407 CAS: 57061-77-5 MW: 431.59 MOLFM: C23-H33-N3-O5
TOXICITY DATA AND REFERENCES:
orl-mus LDLo:2000 mg/kg EJMCA5 10,373,75

TL5815000 PIPERAZINE, 1-((3,5-DIMETHOXY-4-HYDROXY)DIHYDROCINNAMOYL)-4-HEXAHYDROAZEPINYLCARBONYL METHYL-, OXALATE
UPDT:8407 CAS: 58493-22-4 MW: 523.65 MOLFM: C23-H35-N3-O5 C2-H2-O4
TOXICITY DATA AND REFERENCES:
orl-mus LDLo:2000 mg/kg EJMCA5 10,373,75

TL5890000 PIPERAZINE, 1-(3,4-DIMETHOXYPHENETHYL)-4-(2,5-DIMETHOXYPHENYL)-, HYDROCHLORIDE
UPDT:8407 MW: 423.00 MOLFM: C22-H30-N2-O4 Cl-H
SYN: 1-(3,4-DIMETHOXYPHENETHYL)-4-(2,5-DIMETHOXYPHENYL)PIPERAZINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3E04H01J03 ipr-mus LD50:100 mg/kg JMCMAR 8,104,65

TL5945000 PIPERAZINE, 1,4-DIMETHYL-
UPDT:8401 CAS: 106-58-1 MW: 114.22 MOLFM: C6-H14-N2
SYN: N,N'-DIMETHYLPIPERAZINE * 1,4-DIMETHYLPIPERAZINE * LUPETAZINE
TOXICITY DATA AND REFERENCES:
3C08J22J30 scu-mus LD50:2500 mg/kg THERAP 9,314,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TL5950000 PIPERAZINE, 2,5-DIMETHYL-
UPDT:8407 CAS: 106-55-8 MW: 114.22 MOLFM: C6-H14-N2
SYN: 2,5-DIMETHYLPIPERAZINE
IRRITATION DATA AND REFERENCES:
eye-rbt 750 ug open SEV AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3160 mg/kg AMIHBC 4,119,51
skn-rbt LD50:800 mg/kg AMIHBC 4,119,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL6125000 PIPERAZINE, 1-(2-(DIMETHYLAMINO)ETHYL)-4-METHYL-
UPDT:8303 CAS: 104-19-8 MW: 171.33 MOLFM: C9-H21-N3
SYN: 1-(2-(N,N-DIMETHYLAMINO)ETHYL)-4-METHYLPIPERAZINE
IRRITATION DATA AND REFERENCES:
skn-rbt 100 ug/24H open AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1420 mg/kg AIHAAP 23,95,62
1R10 skn-rbt LD50:390 mg/kg AIHAAP 23,95,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL6205000 PIPERAZINE, 2,5-DIMETHYL-1,4-DINITROSO-
UPDT:8407 CAS: 55556-88-2 MW: 174.24 MOLFM: C6-H14-N4-O2
SYN: 2,5-DIMETHYLDINITROSOPIPERAZINE * 2,5-DIMETHYL-DNPZ
MUTATION DATA AND REFERENCES:
mma-sat 125 ug/plate MUREAV 57,127,78
mma-smc 50 umol/plate MUREAV 77,143,80
TUMORIGENIC DATA AND REFERENCES:
3V03D09K60 orl-rat TDLo:2740 mg/kg/50W-I CNREA8 35,1270,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL6210000 PIPERAZINE, 2,6-DIMETHYL-1,4-DINITROSO-
UPDT:8412 CAS: 55380-34-2 MW: 174.24 MOLFM: C6-H14-N4-O2
SYN: DINITROSO-2,6-DIMETHYLPIPERAZINE * 2,6-DIMETHYLDINITROSOPIPERAZINE * 1,4-DINITROSO-2,6-DIMETHYLPIPERAZINE * 2,6-DIMETHYL-DNPZ
MUTATION DATA AND REFERENCES:
mma-sat 100 nmol/plate MUREAV 57,1,78
mma-smc 50 umol/plate MUREAV 77,143,80
TUMORIGENIC DATA AND REFERENCES:
3V01K60D09 orl-rat TDLo:240 mg/kg/20W-I CRNGDP 4,1165,83
3V03L60L61 orl-gpg TDLo:4800 mg/kg/50W-I CNREA8 40,1879,80
3V02K60J60 orl-ham TDLo:1960 mg/kg/35W-I CRNGDP 4,1165,83
3V03D09K60 orl-rat TD :1800 mg/kg/33W-I CNREA8 35,1270,75
2V01K60 orl-rat TD :1200 mg/kg/20W-I CRNGDP 4,1165,83
3V03D09K60 orl-rat TD :63 mg/kg/25W-I FCTOD7 21,601,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL6214500 PIPERAZINE, 2,5-DIMETHYL-1-DODECYL-, DIHYDROCHLORIDE
UPDT:8403 MW: 354.49 MOLFM: C18-H37-N2 2Cl-H
SYN: 2,5-DIMETHYL-1-DODECYLPIPERAZINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:80 mg/kg JAPMA8 46,279,57

TL6219000 PIPERAZINE, 3,5-DIMETHYL-1-NITROSO-
UPDT:8402 MW: 143.22 MOLFM: C6-H13-N3-O
SYN: 3,5-DIMETHYL-1-NITROSOPIPERAZINE * NITROSO-3,5-DIMETHYLPIPERAZINE * N-NITROSO-3,5-DIMETHYLPIPERAZINE * 1-NITROSO-3,5-DIMETHYLPIPERAZINE
MUTATION DATA AND REFERENCES:
mma-sat 25 ug/plate MUREAV 111,135,83
TUMORIGENIC DATA AND REFERENCES:
3V01P61P62 orl-rat TDLo:1450 mg/kg/29W-I CNREA8 41,1034,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL6251000 PIPERAZINE, 2,5-DIMETHYL-1-TETRADECYL-, DIHYDROCHLORIDE
UPDT:8403 MW: 382.55 MOLFM: C20-H41-N2 2Cl-H
SYN: 2,5-DIMETHYL-1-TETRADECYLPIPERAZINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:75 mg/kg JAPMA8 46,279,57

TL6253000 PIPERAZINE, 2,5-DIMETHYL-1-UNDECYL-, DIHYDROCHLORIDE
UPDT:8403 MW: 340.46 MOLFM: C17-H35-N2 2Cl-H
SYN: 2,5-DIMETHYL-1-UNDECYLPIPERAZINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:85 mg/kg JAPMA8 46,279,57

TL6300000 PIPERAZINE, 1,4-DINITROSO-
UPDT:8411 CAS: 140-79-4 MW: 144.16 MOLFM: C4-H8-N4-O2
SYN: DINITROSOPIPERAZIN (German) * DINITROSOPIPERAZINE * N,N'-DINITROSOPIPERAZINE * 1,4-DINITROSOPIPERAZINE * DNPZ * NSC 339 * USAF DO-24
MUTATION DATA AND REFERENCES:
mma-sat 50 nmol/plate MUREAV 57,1,78
mma-esc 16700 umol/L CNREA8 36,4099,76
mma-smc 50 umol/plate MUREAV 77,143,80
dnd-hmn:lng 100 umol/plate JNCIAM 59,1401,77
dnd-rat-ipr 50 mg/kg CNREA8 33,3209,73
dns-rat-scu 50 mg/kg HYHPDO 7,129,82
dni-rat-scu 50 mg/kg HYHPDO 7,129,82
dni-mus-ipr 20 gm/kg ARGEAR 51,605,81
cyt-mus-ipr 50 mg/kg MUREAV 46,220,77
hma-mus/sat 10 mg/kg CNREA8 37,4572,77
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T72 orl-mus TDLo:140 mg/kg (15-21D preg) CNREA8 40,2925,80
1T76 orl-mus TDLo:400 mg/kg (20D post) CNREA8 40,2925,80
TUMORIGENIC DATA AND REFERENCES:
3V01K60L60 orl-rat TDLo:1040 mg/kg/1Y-I JNCIAM 41,985,68
3V03K60L60 scu-rat TDLo:1070 mg/kg/53W-I ZEKBAI 69,103,67
3V01T65P61 orl-mus TDLo:140 mg/kg (15-21D preg) CNREA8 40,2925,80
2V02J60 orl-mus TDLo:1568 mg/kg/28W-C JNCIAM 46,1029,71
3V03J60L60 scu-mus TDLo:720 mg/kg/72W-I VOONAW 15(6),104,69
2V03K60 orl-rat TD :1800 mg/kg/64W-C ARZNAD 19,1077,69
2V03K60 scu-rat TD :1100 mg/kg/110W-I ARZNAD 19,1077,69
3V03D09L60 orl-rat TD :2250 mg/kg/50W-I ZKKOBW 77,257,72
2V02J60 orl-mus TD :7300 mg/kg/52W-C CNREA8 40,2925,80
2V03D09 orl-rat TD :560 mg/kg/10W-C CNREA8 42,4236,82
2V03R60 orl-rat TD :300 mg/kg CNREA8 26,619,66
3V03J60K60 scu-rat TD :1086 mg/kg/69W-I ZEKBAI 66,138,64
3V03J60L60 orl-mus TD :5280 mg/kg/44W-I VOONAW 15(6),104,69
2V03D09 orl-rat TD :1120 mg/kg/20W-C CNREA8 42,4236,82
2V03D09 orl-rat TD :1680 mg/kg/30W-C CNREA8 42,4236,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:160 mg/kg ZEKBAI 69,103,67
scu-rat LD50:160 mg/kg ZEKBAI 69,103,67
ipr-mus LD50:100 mg/kg NTIS** AD277-689
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL6320000 PIPERAZINE, 1,4-DINITROSO-2-METHYL-
UPDT:8401 CAS: 55556-94-0 MW: 159.20 MOLFM: C5-H11-N4-O2
SYN: 2-METHYLDINITROSOPIPERAZINE * 2-METHYL-DNPZ
MUTATION DATA AND REFERENCES:
mma-sat 62 ug/plate MUREAV 57,127,78
mma-smc 50 umol/plate MUREAV 77,143,80
TUMORIGENIC DATA AND REFERENCES:
3V03D09K60 orl-rat TDLo:1650 mg/kg/33W-I CNREA8 35,1270,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PIPERAZINEDIONE see: TL6375000

TL6375000 2,5-PIPERAZINEDIONE, 3,6-BIS(5-CHLORO-2-PIPERIDYL)-, DIHYDROCHLORIDE
UPDT:8309 CAS: 41109-80-2 MW: 422.22 MOLFM: C14-H22-Cl2-N4-O2 2Cl-H
SYN: 593-A * COMPOUND 593A * NSC-135758 * PIPERAZINEDIONE * 3,6-BIS(5-CHLORO-2-PIPERIDYL)-2,5-PIPERAZINEDIONE DIHYDROCHLORIDE
MUTATION DATA AND REFERENCES:
pic-esc 2500 ng/plate CNREA8 43,2819,83
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:5 mg/kg 85GDA2 4(1),153,80
3F07F18R21 ivn-mus LD50:19970 ug/kg NTIS** PB82-165200
ivn-dog LD50:1500 ug/kg DRFUD4 3,610,78

TL6377000 2,5-PIPERAZINEDIONE, 3,6-DIBENZYL-
UPDT:8411 CAS: 2308-61-4 MW: 294.38 MOLFM: C18-H18-N2-O2
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:300 mg/kg CHTPBA 4,167,69

2,6-PIPERAZINEDIONE, 4,4'-(1-METHYL-1,2-ETHANEDIYL)BIS-, (+)- (9Cl) see: TL6390000

TL6389900 2,6-PIPERAZINEDIONE, 4,4'-PROPYLENEDI-
UPDT:8412 CAS: 21416-67-1 MW: 268.31 MOLFM: C11-H16-N4-O4
SYN: ICI 59118 * ICRF 159 * RAZOXANE * RAZOXIN
TUMORIGENIC DATA AND REFERENCES:
2V01P61 orl-man TDLo:693 mg/kg/77W-I LANCAO 2,1343,81
2V01P61 orl-wmn TD :4650 mg/kg/2Y-C LANCAO 2,1343,81
2V01R60 orl-man TD :2693 mg/kg/3Y-C BJDEAZ 109,675,83
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:500 mg/kg CPBTAL 29,1594,81

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL6390000 2,6-PIPERAZINEDIONE, 4,4'-PROPYLENEDI-, (+)-
UPDT:8403 CAS: 24584-09-6 MW: 268.31 MOLFM: C11-H16-N4-O4
SYN: ICRF-187 * 2,6-PIPERAZINEDIONE, 4,4'-(1-METHYL-1,2-ETHANEDIYL)BIS-, (+)- (9CI) * RAZOXANE
TOXICITY DATA AND REFERENCES:
3K13L14P14 ivn-man TDLo:383 mg/kg CCTRDH 4,143,81
ipr-mus LDLo:800 mg/kg DRFUD4 2,473,77
3F15K12K13 ivn-dog LDLo:2 gm/kg CTRRDO 64,1211,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL6400000 2,6-PIPERAZINEDIONE, 4,4'-PROPYLENEDI-, (+-)-
UPDT:8412 CAS: 21416-87-5 MW: 268.31 MOLFM: C11-H16-N4-O4
SYN: (+,-)-1,2-BIS(3,5-DIOXOPIPERAZINE-1-YL)PROPANE * ICRF-159 * NCI-C01627 * NSC-129943 * 2,6-PIPERAZINEDIONE-4,4'-PROPYLENE DIOXOPIPERAZINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T42T43 orl-rat TDLo:37500 ug/kg (6-8D preg) TJADAB 11,119,75
2T45T46 orl-rat TDLo:37500 ug/kg (6-8D preg) TJADAB 11,119,75
1T25 orl-rat TDLo:30 mg/kg (6-8D preg) TJADAB 11,119,75
3T25T34T59 ipr-rat TDLo:37500 mg/kg (6-8D preg) TJADAB 11,119,75
1T25 orl-mus TDLo:10 mg/kg (8D preg) TJADAB 11,119,75
1T34 orl-mus TDLo:15 mg/kg (6-8D preg) TJADAB 11,119,75
1T02 unk-mus TDLo:2520 mg/kg (42D male) LANCAO 1,840,72
2T25T26 orl-rbt TDLo:105 mg/kg (6-8D preg) TJADAB 11,119,75
TUMORIGENIC DATA AND REFERENCES:
2V01T64 ipr-rat TDLo:7488 mg/kg/52W-I NCITR* NCI-CG-TR-78,78
2V01P62 ipr-mus TDLo:6240 mg/kg/52W-I NCITR* NCI-CG-TR-78,78
2V01T64 ipr-rat TD :15 gm/kg/Y-I NCITR* NCI-CG-TR-78,78
2V01P62 ipr-mus TD :12 gm/kg/Y-I NCITR* NCI-CG-TR-78,78
2V03J60 ipr-mus TD :1 gm/kg/8W-I CNREA8 33,3069,73
TOXICITY DATA AND REFERENCES:
3K13P14P17 orl-hmn TDLo:81 mg/kg/3D-I CCROBU 57,185,73
3K13P14P17 orl-hmn TDLo:500 mg/kg CTRRDO 62,465,78
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-78,78)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2,6-PIPERAZINEDIONE-4,4'-PROPYLENE DIOXOPIPERAZINE see: TL6400000

TL6404000 PIPERAZINE, 2,5-DIPHENYL-, DIHYDROCHLORIDE
UPDT:8402 MW: 311.28 MOLFM: C16-H18-N2 .2Cl-H
SYN: 2,5-DIPHENYLPIPERAZINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F23F43 ipr-mus LD50:78 mg/kg APFRAD 16,125,58

TL6465000 PIPERAZINE, 1-(DIPHENYLMETHYL)-
UPDT:8309 MW: 252.39 MOLFM: C17-H20-N2
SYN: DIPHENYLMETHYLPIPERAZINE * 1-(DIPHENYLMETHYL)PIPERAZINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:38 mg/kg TAKHAA 31,453,72

TL6475000 PIPERAZINE, 1-(DIPHENYLMETHYL)-4-METHYL-
UPDT:8403 CAS: 82-92-8 MW: 266.42 MOLFM: C18-H22-N2
SYN: (N-BENZHYDRYL)(N'-METHYL)DIETHYLENEDIAMINE * N-BENZHYDRYL-N-METHYL PIPERAZINE * BW 47-83 * COMPOUND 47-83 * CICLIZINA * CYCLIZINE * 1-DIPHENYLMETHYL-4-METHYLPIPERAZINE * EMOQUIL * MARAZINE * MAREZINE * MARZINE * N-METHYL-N'-BENZYHYDRYLPIPERAZINE * NAUTAZINE * NEO-DEVOMIT * VALOID * WELLCOME PREPARATION 47-83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T43T46 orl-rat TDLo:450 mg/kg (10-15D preg) BCFAAI 109,323,70
2T55T71 orl-rat TDLo:450 mg/kg (10-15D preg) BCFAAI 109,323,70
TOXICITY DATA AND REFERENCES:
orl-mus LD50:147 mg/kg 27ZQAG -,218,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADVPA3 4,263,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL6490000 PIPERAZINE, 1-DIPHENYLMETHYL-4-METHYL-, DIHYDROCHLORIDE
UPDT:8403 MW: 339.34 MOLFM: C18-H22-N2 .2Cl-H
SYN: 1-DIPHENYLMETHYL-4-METHYLPIPERAZINE DIHYDROCHLORIDE * PIPERAZINE, 1-BENZHYDRYL-4-METHYL-, DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:69 mg/kg JAPMA8 46,279,57

TL6560000 PIPERAZINE, 1-(DIPHENYLMETHYL)-4-METHYL-, HYDROCHLORIDE
UPDT:8406 CAS: 303-25-3 MW: 302.88 MOLFM: C18-H22-N2 .Cl-H
SYN: N-BENZHYDRYL-N'-METHYLPIPERAZINE HYDROCHLORIDE * N-BENZHYDRYL-N'-METHYLPIPERAZINE MONOHYDROCHLORIDE * CYCLIZINE CHLORIDE * CYCLIZINE HYDROCHLORIDE * (+-)-1-DIPHENYLMETHYL-4-METHYLPIPERAZINE HYDROCHLORIDE * MAREZINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T42 orl-rat TDLo:225 mg/kg (8-16D preg) COREAF 256,3359,63
3T43T46T42 orl-rat TDLo:300 mg/kg (12-15D preg) JPETAB 147,391,65
2T26T29 orl-rat TDLo:525 mg/kg (6-12D preg) COREAF 256,3359,63
3T22T29T42 par-rat TDLo:150 mg/kg (7-9D preg) COREAF 256,3359,63
1T26 par-rat TDLo:525 mg/kg (6-12D preg) COREAF 256,3359,63
3T25T29T42 orl-mus TDLo:525 mg/kg (6-12D preg) COREAF 256,3359,63
3T25T29T42 par-mus TDLo:150 mg/kg (7-9D preg) COREAF 256,3359,63
1T26 par-mus TDLo:300 mg/kg (1-12D preg) COREAF 256,3359,63
2T41T42 par-rbt TDLo:350 mg/kg (8-14D preg) COREAF 256,3359,63
1T25 par-rbt TDLo:525 mg/kg (8-14D preg) COREAF 256,3359,63
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:69 mg/kg CLDND*
1K13 ims-pgn LD50:106 mg/kg JAPMA8 46,140,57
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL6682000 PIPERAZINE, 1-(3,3-DIPHENYLPROPIONYL)-, HYDROCHLORIDE
UPDT:8403 MW: 330.89 MOLFM: C19-H22-N2-O .Cl-H
SYN: 1-(3,3-DIPHENYLPROPIONYL)PIPERAZINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:130 mg/kg JAPMA8 46,279,57

TL6683000 PIPERAZINE, 1-(3,3-DIPHENYLPROPIONYL)-4-METHYL-, HYDROCHLORIDE
UPDT:8403 MW: 344.92 MOLFM: C20-H24-N2-O .Cl-H
SYN: 1-(3,3-DIPHENYLPROPIONYL)-4-METHYLPIPERAZINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:129 mg/kg JAPMA8 46,279,57

1,4-PIPERAZINEDIPROPANAMINE (9CI) see: TK8700000

TL6781500 PIPERAZINE, 1,1'-DITHIODIETHYLENEBIS(4-METHYL-, TETRAHYDROCHLORIDE
UPDT:8312 MW: 464.44 MOLFM: C14-H30-N4-S2 .4Cl-H
SYN: DISULFIDE, BIS(2-(4-METHYL-1-PIPERAZINYL)ETHYL)-, HYDROCHLORIDE * 1,1'-DITHIOBISETHYLENEBIS(4-METHYLPIPERAZINE) TETRAHYDROCHLORIDE * 1,1'-DITHIODIETHYLENEBIS(4-METHYLPIPERAZINE) TETRAHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:140 mg/kg JPMSAE 65,1247,76

1,4-PIPERAZINEDIYLBIS(BIS(1-AZIRIDINYL)PHOSPHINE OXIDE see: SZ1300000
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(BENZYLDIETHYLAMMONIUM) see: BS3859090
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(BENZYLDIETHYLAMMONIUM BROMIDE) see: BS3859100
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(BENZYLDIETHYLAMMONIUM CHLORIDE) see: BS3859150
1,1'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(1-BENZYLPIPERIDINIUM BROMIDE) see: TN6157100
1,1'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(1-BENZYLPIPERIDINIUM CHLORIDE) see: TN6157200
1,1'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(1-(2-BROMOETHYL)PIPERIDINIUM BROMIDE) see: TN6157300
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(BUTYLDIETHYLAMMONIUM BROMIDE) see: BS3859200
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(tert-BUTYLDIETHYLAMMONIUM BROMIDE) see: BS3859250
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS((o-CHLOROBENZYL)DIETHYLAMMONIUM BROMIDE) see: BS3859300
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS((p-CHLOROBENZYL)DIETHYLAMMONIUM BROMIDE) see: BS3859350
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DECYLDIETHYLAMMONIUM BROMIDE) see: BS3859400
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIALLYLMETHYLAMMONIUM IODIDE) see: BS3859420
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLHEPTYLAMMONIUM BROMIDE) see: BS3859430
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLHEXYLAMMONIUM BROMIDE) see: BS3859500
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLMETHYLAMMONIUM BROMIDE) see: BS3859550
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLMETHYLAMMONIUM IODIDE) see: BS3859600
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLOCTYLAMMONIUM BROMIDE) see: BS3859630
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLPENTYLAMMONIUM BROMIDE) see: BS3859660
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLPROPYLAMMONIUM BROMIDE) see: BS3859700
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIETHYLTETRADECYLAMMONIUM BROMIDE) see: BS3859720
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DIMETHYLETHYLAMMONIUM BROMIDE) see: BS3859730
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(DODECYLDIETHYLAMMONIUM BROMIDE) see: BS3859740
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(ETHYLDIMETHYLAMMONIUM IODIDE) see: BS3859760
4,4-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(4-ETHYLMORPHOLINIUM BROMIDE) see: QF3451000
4,4'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(4-ETHYLMORPHOLINIUM IODIDE) see: QF3451200
1,1'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(1-ETHYLPIPERIDINIUM BROMIDE) see: TN6157400
1,1'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(1-ETHYLPIPERIDINIUM IODIDE) see: TN6157500
4,4'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(4-METHYLMORPHOLINIUM IODIDE) see: QF3451400
1,1'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(1-METHYLPIPERIDINIUM IODIDE) see: TN6157600
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(TRIETHYLAMMONIUM BROMIDE) see: BS3859780
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(TRIETHYLAMMONIUM CHLORIDE) see: BS3859800
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(TRIETHYLAMMONIUM IODIDE) see: BS3859820
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(TRIMETHYLAMMONIUM IODIDE) see: BS3859840
(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(TRIMETHYLAMMONIUM p-TOLUENESULFONATE) see: BS3859680
PIPERAZINE (DOT) see: TK7800000

TL6825000 1-PIPERAZINEETHANOL
UPDT:8306 CAS: 103-76-4 MW: 130.22 MOLFM: C6-H14-N2-O
SYN: ETHANOL, 2-(1-PIPERAZINYL)- * N-(beta-HYDROXYETHYL)PIPERAZINE * 1-(2-HYDROXYETHYL)PIPERAZINE * USAF DO-22
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 1/6/70
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4920 mg/kg AIHAAP 23,95,62
ipr-mus LD50:100 mg/kg NTIS** AD277-689
3F07F18F23 orl-rbt LD50:3350 mg/kg GISAAA 45(5),67,80
3F07F18F23 orl-gpg LD50:3720 mg/kg GISAAA 45(5),67,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1178-0256

TL6935000 1-PIPERAZINEETHANOL, 4-BENZYL-, BENZOATE, DIHYDROCHLORIDE
UPDT:8403 MW: 397.38 MOLFM: C20-H24-N2-O2 .2Cl-H
SYN: 4-BENZYL-1-PIPERAZINEETHANOL BENZOATE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:303 mg/kg JAPMA8 46,279,57

TL6936000 1-PIPERAZINEETHANOL, 4-BENZYL-alpha-(3,4-DIHYDROXYPHENYL)-, DIHYDROCHLORIDE
UPDT:8403 MW: 401.37 MOLFM: C19-H24-N2-O3 .2Cl-H
SYN: 4-BENZYL-alpha-(3,4-DIHYDROXYPHENYL)-1-PIPERAZINEETHANOL DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:242 mg/kg JAPMA8 46,279,57

TL6952700 1-PIPERAZINEETHANOL, alpha-tert-BUTYL-4-METHYL-alpha-PHENYL-, DIHYDROCHLORIDE
UPDT:8305 MW: 349.39 MOLFM: C17-H28-N2-O .2Cl-H
SYN: alpha-tert-BUTYL-4-METHYL-alpha-PHENYL-1-PIPERAZINEETHANOL DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3E15K01K30 ipr-mus LD50:300 mg/kg APFRAD 39,519,81

TL7020000 1-PIPERAZINEETHANOL, 4-(3-(6-CHLORO-3,4-DIHYDRO-2H-1,4-BENZOTHIAZIN-4-YL)PROPYL)-, MALEATE
UPDT:8302 MW: 472.05 MOLFM: C17-H26-Cl-N3-O-S .C4-H4-O4
SYN: 4-(3-(6-CHLORO-3,4-DIHYDRO-2H-1,4-BENZOTHIAZIN-4-YL)PROPYL)-1-PIPERAZINEETHANOL MALEATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 unk-rat TDLo:300 mg/kg (30D pre) RPHRA6 20,395,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL7050000 1-PIPERAZINEETHANOL, 4-((5-CHLORO-2-OXO-3(2H)-BENZOTHIAZOLYL)ACETYL)-, HYDROCHLORIDE
UPDT:8408 CAS: 35941-71-0 MW: 392.33 MOLFM: C15-H18-Cl-N3-O3-S .Cl-H
SYN: 2-BENZOTHIAZOLINONE, 5-CHLORO-3-(4-(2-HYDROXYETHYL)-1-PIPERAZINYL)CARBONYLMETHYL- * 5-CHLORO-3-(4-(2-HYDROXYETHYL)-1-PIPERAZINYL)CARBONYLMETHYL-2-BENZOTHIAZOLINONE * 4-((5-CHLORO-2-OXO-3(2H)-BENZOTHIAZOLYL)ACETYL)-1-PIPERAZINEETHANOL * FK 1160 * NTA-194 * SOLANTAL * TIARAMIDE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:6 gm/kg (9-14D preg) ARZNAD 23,504,73
1T47 orl-rat TDLo:300 mg/kg (21D preg) OYYAA2 27,117,84
1T34 orl-mus TDLo:300 mg/kg (7-12D preg) ARZNAD 23,504,73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2300 mg/kg ARZNAD 32,225,82
* ipr-rat LD50:530 mg/kg NIIRDN 6,451,82
2F07J25 scu-rat LD50:930 mg/kg ARZNAD 23,504,73
ivn-rat LD50:203 mg/kg ARZNAD 23,504,73
orl-mus LD50:564 mg/kg ARZNAD 23,504,73
ipr-mus LD50:298 mg/kg ARZNAD 23,504,73
2F07J25 scu-mus LD50:375 mg/kg ARZNAD 23,504,73
ivn-mus LD50:178 mg/kg ARZNAD 23,504,73
3F07F12J25 ivn-dog LD50:157 mg/kg ARZNAD 23,504,73
1J25 orl-rbt LD50:1850 mg/kg ARZNAD 23,504,73
1J25 ivn-rbt LD50:171 mg/kg ARZNAD 23,504,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL7175000 1-PIPERAZINEETHANOL, 4-(3-(2-CHLOROPHENOTHIAZIN-10-YL)PROPYL)-
UPDT:8412 CAS: 58-39-9 MW: 404.01 MOLFM: C21-H26-Cl-N3-O-S
SYN: 2-CHLORO-10-(3-(1-(2-HYDROXYETHYL)-4-PIPERAZINYL)PROPYL PHENOTHIAZINE * 4-(3-(2-CHLOROPHENOTHIAZIN-10-YL)PROPYL)-1-PIPERAZINEETHANOL * DECENTAN * ETAPERAZIN * ETAPERAZINE * ETHAPERAZINE * FENTAZIN * 1-(2-HYDROXYETHYL)-4-(3-(2-CHLORO-10-PHENOTHIAZINYL)PROPYL)PIPERAZINE * gamma-(4-(beta-HYDROXYETHYL)PIPERAZIN-1-YL)PROPYL-2-CHLOROPHENOTHIAZINE * 1-(2-IDROSSIETIL)-4-(3-(2-CLORO-10-FENOTIAZIL)PROPIL)PIPERAZINA (Italian) * PERFENAZINA (Italian) * PERPHENAZIN * PERPHENAZINE * TRIFARON * TRILAFON
MUTATION DATA AND REFERENCES:
cyt-hmn:leu 270 mg/kg BMJOAE 3,634,69

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T25T43T48	orl-rat TDLo:90 mg/kg (14D preg)	ABAHAU 27,15,76
2T41T53	orl-rat TDLo:90 mg/kg (13D preg)	ABAHAU 27,15,76
1T42	orl-rat TDLo:150 mg/kg (10D preg)	ABAHAU 27,15,76
1T46	orl-rat TDLo:150 mg/kg (15D preg)	ABAHAU 27,15,76
1T24	par-rat TDLo:80 mg/kg (1-8D preg)	15QWAW -,290,65
1T34	unk-rat TDLo:70 mg/kg (6-15D preg)	TJADAB 8,214,73
1T43	orl-mus TDLo:30 mg/kg (10-12D preg)	TOIZAG 28,621,81
1T34	orl-mus TDLo:75 mg/kg (10-12D preg)	TOIZAG 28,621,81
1T35	orl-mus TDLo:150 mg/kg (10-12D preg)	TOIZAG 28,621,81
3T34T35T41	scu-mus TDLo:25 mg/kg (9D preg)	DGDFA5 22,61,80
1T29	unk-mus TDLo:4 mg/kg (1D pre)	B5GRAA -,57,65
1T29	unk-mus TDLo:4 mg/kg (1D pre)	FESTAS 12,346,61

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:318 mg/kg	TXAPA9 21,315,72
*	ivn-rat LD50:34 mg/kg	FRPPAO 26,585,71
	orl-mus LD50:120 mg/kg	27ZIAQ -,185,73
*	ipr-mus LD50:70 mg/kg	BCFAAI 111,293,72
	scu-mus LD50:33 mg/kg	ARZNAD 11,932,61
	ivn-mus LD50:37 mg/kg	ARZNAD 10,638,60
	ivn-dog LD50:51 mg/kg	ARZNAD 10,638,60
	ivn-cat LD50:35 mg/kg	ARZNAD 10,638,60
	ivn-pgn LD50:510 mg/kg	ARZNAD 10,638,60
	ims-pgn LD50:250 mg/kg	ARZNAD 10,638,60
	orl-bwd LD50:32 mg/kg	TXAPA9 21,315,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JMSCA9 106,755,60; IDPYAK 1,203,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL7300000 1-PIPERAZINEETHANOL, 4-(3-(2-CHLOROPHENOTHIAZIN-10-YL)PROPYL)-, ACETATE (ester)
UPDT:8308 CAS: 84-06-0 MW: 446.05 MOLFM: C23-H28-Cl-N3-O2-S
SYN: 4-(3-(2-CHLOROPHENOTHIAZIN-10-YL)PROPYL)-1-PIPERAZINEETHANOL ACETATE * DARTAL * DARTALAN * PERPHENAZINE ACETATE * 1-PIPERAZINEETHANOL, 4-(3-(2-CHLORO-10H-PHENOTHIAZIN-10-YL)PROPYL)-, ACETATE (ester) (9CI) * THIOPROPAZATE
TOXICITY DATA AND REFERENCES:

1F25	scu-mus LD50:1100 mg/kg	AIPTAK 149,374,64

1-PIPERAZINEETHANOL, 4-(3-(2-CHLORO-10H-PHENOTHIAZIN-10-YL)PROPYL)-, ACETATE (ester) (9CI) see: TL7300000

TL7350000 1-PIPERAZINEETHANOL, 4-(3-(2-CHLOROPHENOTHIAZIN-10-YL)PROPYL)-, ACETATE (ester), DIHYDROCHLORIDE
UPDT:8310 CAS: 146-28-1 MW: 518.97 MOLFM: C23-H28-Cl-N3-O2-S 2Cl-H
SYN: 1-(2-ACETOXYETHYL)-4-(3-(2-CHLORO-10-PHENOTHIAZINYL)PROPYL)PIPERAZIME DIHYDROCHLORIDE * 2-CHLORO-10-(3-(4-(2-ACETOXYETHYL)PIPERAZINYL)PROPYL)PHENOTHIAZINE * DARTAL DIHYDROCHLORIDE * THIOPROPAZATE DIHYDROCHLORIDE * THIOPROPAZATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:

	orl-mus LD50:279 mg/kg	27ZQAG -,52,72
	ipr-mus LD50:197 mg/kg	27ZQAG -,52,72
	scu-mus LD50:1080 mg/kg	27ZQAG -,52,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JMSCA9 106,755,60

TL7525000 1-PIPERAZINEETHANOL, 4-(3-(2-CHLOROPHENOTHIAZIN-10-YL)PROPYL)-, DIHYDROCHLORIDE
UPDT:8305 CAS: 2015-28-3 MW: 476.93 MOLFM: C21-H26-Cl-N3-O-S 2Cl-H
SYN: 4-(3-(2-CHLOROPHENOTHIAZIN-10-YL)PROPYL)-1-PIPERAZINEETHANOL DIHYDROCHLORIDE * PERPHENAZINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:

	orl-rat LD50:318 mg/kg	27ZQAG -,36,72
	ipr-rat LD50:124 mg/kg	27ZQAG -,36,72
2F12J30	ivn-rat LD50:34 mg/kg	AIPTAK 118,358,59
2F12J30	orl-mus LD50:110 mg/kg	AIPTAK 118,358,59
	scu-mus LD50:960 mg/kg	27ZQAG -,36,72
	ivn-mus LD50:19 mg/kg	27ZQAG -,36,72
	ivn-dog LD50:51 mg/kg	27ZQAG -,36,72
	ivn-cat LD50:35 mg/kg	27ZQAG -,36,72
	ivn-pgn LD50:32 mg/kg	27ZQAG -,36,72
	ims-pgn LD50:250 mg/kg	27ZQAG -,36,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL7540000 1-PIPERAZINEETHANOL, 4-(3-(2-CHLOROPHENOTHIAZIN-10-YL)PROPYL)-, and 10,11-DIHYDRO-N,N- DIMETHYL-5H-DIBENZO(a,d)CYCLOHEPTENE-delta(sup 5,gamma)-PROPYLAMINE
UPDT:8407 MW: 460.45 MOLFM: C21-H26-Cl-N3-O-S 1/5C20-H23-N
SYN: AMITRIPTYLINE and PERPHENAZINE (5:1) * PERPHENAZINE and AMITRIPTYLINE (1:5)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T41	orl-wmn TDLo:10 mg/kg (30-31W preg)	LANCAO 2,282,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TL7720000 1-PIPERAZINEETHANOL, alpha-(p-CHLOROPHENOXYMETHYL)-4-(3,4-DIMETHOXYPHENYL)-
UPDT:8408 CAS: 40475-25-0 MW: 406.95 MOLFM: C21-H27-Cl-N2-O4
SYN: 3-p-CHLOROPHENOXY-1-N-(3,4-DIMETHOXYPHENYL)PIPERAZINOPROPANOL-2 * alpha-(p-CHLOROPHENOXYMETHYL)-4-(3,4-DIMETHOXYPHENYL)-1-PIPERAZINEETHANOL * COMPOUND 65/359
TOXICITY DATA AND REFERENCES:

3F11F19J25	orl-mus LD50:849 mg/kg	IJEBA6 19,1047,81
1F02	ipr-mus LD50:253 mg/kg	DRFUD4 7,464,82

1-PIPERAZINEETHANOL, 4-(p-CHLOROPHENYL)-, 4-BIPHENYLACRYLATE see: DU8393000
1-PIPERAZINEETHANOL, 4-(p-CHLOROPHENYL)-, CINNAMATE (ester) see: GD8555000
1-PIPERAZINEETHANOL, 4-(p-CHLOROPHENYL)-, 2-FURANACRYLATE (ester) see: LT8564000
1-PIPERAZINEETHANOL, 4-(p-CHLOROPHENYL)-, 3-INDOLINEACRYLATE see: NL3682000
1-PIPERAZINEETHANOL, 4-(p-CHLOROPHENYL)-, 1-NAPHTHALENEACRYLATE see: QJ1399600
1-PIPERAZINEETHANOL, 4-(p-CHLOROPHENYL)-, 3-PYRIDINEACRYLATE see: UR9275100
1-PIPERAZINEETHANOL, 4-(p-CHLOROPHENYL)-, 4-PYRIDINEACRYLATE see: UR9275200
1-PIPERAZINEETHANOL, 4-(p-CHLOROPHENYL)-, 2-PYRIDINEACRYLATE(ESTER) see: UR9275000
1-PIPERAZINEETHANOL, 4-(p-CHLOROPHENYL)-, 4-QUINOLINEACRYLATE see: VA9613400
1-PIPERAZINEETHANOL, 4-(p-CHLOROPHENYL)-, 2-THIOPHENEACRYLATE see: XM7750000

TL8750000 1-PIPERAZINEETHANOL, 4-(3-(5H-DIBENZ(b,f)AZEPIN-5-YL)PROPYL)-
UPDT:8408 CAS: 315-72-0 MW: 363.55 MOLFM: C23-H29-N3-O
SYN: 5H-DIBENZ(b,f)AZEPINE, 5-(3-(4-(2-HYDROXYETHYL)-1-PIPERAZINYL)PROPYL)- * 4-(3-(5H-DIBENZ(b,f)AZEPIN-5-YL)PROPYL)-1-PIPERAZINEETHANOL * ENDISON * G 33040 * GR 33040 * INSIDON * NISIDANA * OPIPRAMOL * OPRAMIDOL
TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1110 mg/kg	FRPPAO 25,519,70
	ipr-rat LD50:95 mg/kg	AIPTAK 148,560,64
	scu-rat LD50:497 mg/kg	AIPTAK 148,560,64
	ivn-rat LD50:32 mg/kg	AIPTAK 148,560,64
*	orl-mus LD50:443 mg/kg	FRPPAO 25,519,70
	ipr-mus LD50:120 mg/kg	AIPTAK 148,560,64
	scu-mus LD50:315 mg/kg	AIPTAK 148,560,64
	ivn-mus LD50:45 mg/kg	AIPTAK 148,560,64
	ivn-rbt LD50:11 mg/kg	AIPTAK 148,560,64

TL9275800 1-PIPERAZINEETHANOL, alpha-(3,4-DIHYDROXYPHENYL)-4-p-METHOXYBENZYL-, DIHYDROCHLORIDE
UPDT:8403 MW: 431.40 MOLFM: C20-H26-N2-O4 2Cl-H
SYN: alpha-(3,4-DIHYDROXYPHENYL)-4-p-METHOXYBENZYL-1-PIPERAZINEETHANOL DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:

3F12F13J30	ipr-mus LD50:345 mg/kg	JAPMA8 46,279,57

TL9289000 1-PIPERAZINEETHANOL, alpha-(1,3-DIMETHYL-7-XANTHINYLMETHYL)-4-(1-NAPHTHOBENZYL)-, DIHYDROCHLORIDE
UPDT:8407 CAS: 19972-07-7 MW: 535.53 MOLFM: C25-H30-N6-O3 2Cl-H
SYN: THEOPHYLLINE, 7-(2-HYDROXY-3-(4-NAPHTHOBENZYL-1-PIPERAZINYL)PROPYL)-, DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:146 mg/kg	YKKZAJ 89,771,69

TL9297200 1-PIPERAZINEETHANOL, alpha,alpha-DIPHENYL-4-METHYL-
UPDT:8305 MW: 296.45 MOLFM: C19-H24-N2-O
SYN: alpha,alpha-DIPHENYL-4-METHYL-1-PIPERAZINEETHANOL * ZDE
TOXICITY DATA AND REFERENCES:

2F07F12	ipr-mus LD50:100 mg/kg	CHTPBA 1,212,66

TL9297300 1-PIPERAZINEETHANOL, alpha,beta-DIPHENYL-4-METHYL-, DIHYDROCHLORIDE
UPDT:8403 MW: 369.37 MOLFM: C19-H24-N2-O 2Cl-H
SYN: alpha,beta-DIPHENYL-4-METHYL-1-PIPERAZINEETHANOL DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:

3F12F13J30	ipr-mus LD50:165 mg/kg	JAPMA8 46,279,57

1-PIPERAZINEETHANOL, 4-(p-FLUOROPHENYL)-, 2-PYRIDINEACRYLATE see: UR9276000

TL9310000 1-PIPERAZINEETHANOL, alpha-(alpha-METHOXYBENZYL)-4-(beta-METHOXYPHENETHYL)-, DIHYDROCHLORIDE
UPDT:8403 CAS: 34758-84-4 MW: 384.57 MOLFM: C23-H32-N2-O3
SYN: 3024 CERM * 1-(2-HYDROXY-3-METHOXY-3-PHENYLPROPYL)-4-(2-METHOXY-2-PHENYLETHYL)PIPERAZINE DIHYDROCHLORIDE * 1-(2-METHOXY-2-PHENYL)ETHYL-4-(2-HYDROXY-3-METHOXY-3-PHENYL)PROPYLPIPERAZINE DIHYDROCHLROIDE * RESPILENE * ZIPEPROL * ZIPEPROL DIHYDROCHLORIDE * ZITOXIL
TOXICITY DATA AND REFERENCES:

2A11F07	orl-rat LD50:435 mg/kg	OYYAA2 22,355,81
2A11F07	ipr-rat LD50:77600 ug/kg	OYYAA2 22,355,81
2A11F07	scu-rat LD50:139 mg/kg	OYYAA2 22,355,81
2A11F07	ivn-rat LD50:32700 ug/kg	OYYAA2 22,355,81
	orl-mus LD50:300 mg/kg	ARZNAD 26,523,76
2A11F07	ipr-mus LD50:116 mg/kg	OYYAA2 22,355,81
2A11F07	scu-mus LD50:158 mg/kg	OYYAA2 22,355,81
2A11F07	ivn-mus LD50:44300 mg/kg	OYYAA2 22,355,81
2A11F07	orl-dog LD50:228 mg/kg	OYYAA2 22,355,81
	par-dog LDLo:54 mg/kg	APZNAD 26,523,76
2A11F07	orl-rbt LD50:173 mg/kg	OYYAA2 22,355,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-PIPERAZINEETHANOL, 4-(p-METHOXYPHENYL)-, 3-PYRIDINEACRYLATE (ester) see: UR9277000

TL9352000 1-PIPERAZINEETHANOL, beta-METHYL-, DIHYDROCHLORIDE
UPDT:8403 MW: 217.17 MOLFM: C7-H16-N2-O 2Cl-H
SYN: beta-METHYL-1-PIPERAZINEETHANOL DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:

3F12F13J30	orl-mus LD50:8000 mg/kg	JAPMA8 46,279,57

TL9370000 1-PIPERAZINEETHANOL, 4-METHYL-alpha-PHENYL-, BENZOATE (ester), DIHYDROCHLORIDE
UPDT:8309 MW: 397.38 MOLFM: C20-H24-N2-O2 2Cl-H
SYN: 4-METHYL-alpha-PHENYL-1-PIPERAZINEETHANOL BENZOATE (ester) DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:

1C17	scu-mus LDLo:750 mg/kg	JACSAT 81,203,59

TL9374000 1-PIPERAZINEETHANOL, 4-METHYL-alpha-PHENYL-, o-ETHOXYBENZOATE (ester), DIHYDROCHLORIDE
UPDT:8309 MW: 441.44 MOLFM: C22-H28-N2-O3 2Cl-H
SYN: BENZOIC ACID, o-ETHOXY-, alpha-(4-METHYL-1-PIPERAZINYLMETHYL)BENZYL ESTER DIHYDROCHLORIDE * 4-METHYL-alpha-PHENYL-1-PIPERAZINEETHANOL o-ETHOXYBENZOATE (ester) DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:

1C17	scu-mus LDLo:500 mg/kg	JACSAT 81,203,59

TL9376000 1-PIPERAZINEETHANOL, 4-METHYL-alpha-PHENYL-, o-METHOXYBENZOATE (ester), DIHYDROCHLORIDE
UPDT:8309 MW: 427.41 MOLFM: C21-H26-N2-O3 2Cl-H
SYN: 4-METHYL-alpha-PHENYL-1-PIPERAZINEETHANOL o-METHOXYBENZOATE (ester) DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:

2C17F02	scu-mus LDLo:500 mg/kg	JACSAT 81,203,59

TL9550000 1-PIPERAZINEETHANOL, 4-((6,7,8,9-TETRAHYDRO-5H PYRIDO(3,2-b)AZEPIN-5-YLCARBONYL)METHYL)-, FUMARATE
UPDT:8406 MW: 434.55 MOLFM: C17-H26-N4-O2 C4-H4-O4
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:700 mg/kg	APFRAD 41,465,83

TL9730000 1-PIPERAZINEETHANOL, 4-(3-(2-(TRIFLUOROMETHYL)PHENOTHIAZIN-10-YL)PROPYL)-
UPDT:8305 CAS: 69-23-8 MW: 437.57 MOLFM: C22-H26-F3-N3-O-S
SYN: ANATENSOL * FLUPHENAZINE * 10-(3-(2-HYDROXYETHYL)PIPERAZINOPROPYL)-2-(TRIFLUOROMETHYL)PHENOTHIAZINE * MODITEN * OMCA * PACINOL * PERMITIL * PHENOTHIAZINE, 10-(3-(4-(2-HYDROXYETHYL)-1-PIPERAZINYL)PROPYL)-2-(TRIFLUOROMETHYL)- * PROLIXIN * PROLIXINE * SEVINOL * TRIFLUMETHAZINE * 4-(3-(2-TRIFLUOROMETHYL-10-PHENOTHIAZYL)-PROPYL)-1-PIPERAZINEETHANOL * YESPAZINE
TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:100 mg/kg	TXAPA9 2,540,60
3D28E04F40	scu-rat LD50:640 mg/kg	MDCHAG 4(2),199,67
	orl-mus LD50:220 mg/kg	TXAPA9 2,540,60
3F07F17F24	ipr-mus LD50:89 mg/kg	AIPTAK 145,450,63
	ivn-mus LD50:51 mg/kg	TXAPA9 2,540,60

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JMSCA9 106,755,60; IDPYAK 1,203,74

1-PIPERAZINEETHANOL, 4-(3-(2-TRIFLUOROMETHYLTHIOXANTH-9-YLIDENE)PROPYL)-, DIHYDROCHLORIDE see: XO0740000

TM0806000 PIPERAZINEETHANOL, 4-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-, N-(7-TRIFLUOROMETHYL-4- QUINOLYL)ANTHRANILATE
UPDT:8405 CAS: 55300-29-3 MW: 588.60 MOLFM: C30-H26-F6-N4-O2
SYN: ANTRAFENINE * SL 73-033 * STAKANE * 4-(3-TRIFLUOROMETHYL)PHENYLPIPERAZINEETHANOL o-(7-TRIFLUOROMETHYL-4-QUINOLYLAMINO)BENZOATE
TOXICITY DATA AND REFERENCES:

	orl-mus LD50:4000 mg/kg	JMCMAR 22,554,79

TM0809500 PIPERAZINE, 1-(5(and 8)-ETHOXY-1,4-BENZODIOXAN-2-YLMETHYL)-4-(2-CHLOROETHYL)-, DIHYDROCHLORIDE
UPDT:8407 MW: 413.81 MOLFM: C17-H25-Cl-N2-O3 2Cl-H
SYN: 1-(2-CHLOROETHYL)-4-(5(and 8)-ETHOXY-1,4-BENZODIOXAN-2-YLMETHYL)-PIPERAZINE DIHYDROCHLORIDE * 1-(5(and 8)-ETHOXY-1,4-BENZODIOXAN-2-YLMETHYL)-4-(2-CHLOROETHYL)PIPERAZINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:56 mg/kg	CSLNX* NX#07896

TM0811000 PIPERAZINE, 1-(m-ETHOXY-alpha-PHENYLBENZYL)-4-METHYL-, DIHYDROCHLORIDE
UPDT:8403 MW: 383.40 MOLFM: C20-H26-N2-O 2Cl-H
SYN: 1-(m-ETHOXY-alpha-PHENYLBENZYL)-4-METHYLPIPERAZINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:81 mg/kg JAPMA8 46,279,57

TM0819000 PIPERAZINE, 1-(FLUORENYL)-4-METHYL-, DIHYDROCHLORIDE
UPDT:8403 MW: 337.32 MOLFM: C18-H20-N2 2Cl-H
SYN: 1-(FLUORENYL)-4-METHYLPIPERAZINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:162 mg/kg JAPMA8 46,279,57

PIPERAZINE, 1-(6-FORMYL-2,3-DIMETHOXYBENZOYL)-4-METHYL- see: YX5089500

TM0850500 PIPERAZINE, HYDRATE
UPDT:8406 MW: 210.28 MOLFM: C4-H8-N2 xH2-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:4300 mg/kg JPPMAB 6,711,54

PIPERAZINE HYDROCHLORIDE see: TL4025000 PIPERAZINE, DIHYDROCHLORIDE

TM0860000 PIPERAZINE, 1-ISOPROPYL-
UPDT:8307 CAS: 4318-42-7 MW: 128.25 MOLFM: C7-H16-N2
SYN: ISOPROPYL PIPERAZINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2830 mg/kg AIHAAP 30,470,69
skn-rbt LD50:640 mg/kg AIHAAP 30,470,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM1058500 PIPERAZINE, 1-(o-METHOXYPHENYL)-4-((3,4,5-TRIMETHOXYBENZOYL)ACETYL)-
UPDT:8407 CAS: 23776-29-6 MW: 428.53 MOLFM: C23-H28-N2-O6
SYN: 1-(o-METHOXYPHENYL)-4-(3,4,5-TRIMETHOXYBENZOYL)ACETYL)-PIPERAZINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg JMCMAR 12,865,69

TM1225000 PIPERAZINE, 1-METHYL-
UPDT:8303 CAS: 109-01-3 MW: 100.19 MOLFM: C5-H12-N2
SYN: N-METHYLPIPERAZINE * 1-METHYLPIPERAZINE
IRRITATION DATA AND REFERENCES:
skn-rbt 100 ug/24H open AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2830 mg/kg AIHAAP 23,95,62
3F13F17F23 orl-mus LD50:1450 mg/kg TPKVAL 15,116,79
ihl-mus LC50:2740 mg/m3/2H TPKVAL 11,123,69
ipr-mus LD50:150 mg/kg NTIS** AD691-490
1R10 skn-rbt LD50:1490 mg/kg AIHAAP 23,95,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TM1774200 PIPERAZINE, 1-METHYL-4-(o-METHYL-alpha-PHENYLBENZYL)-, DIHYDROCHLORIDE
UPDT:8409 MW: 353.37 MOLFM: C19-H24-N2 2Cl-H
SYN: ortho-METHYLCYCLIZINE DIHYDROCHLORIDE * 1-METHYL-4-(o-METHYL-alpha-PHENYLBENZYL)PIPERAZINE DIHYDROCHLORIDE * PIPERAZINE, 1-METHYL-4-((2-METHYLPHENYL)PHENYLMETHYL)-, DIHYDROCHLORIDE (9CI) * PIPERAZINE, 1-METHYL-4-(alpha-o-TOLYLBENZYL)-, DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F11F12F13 orl-mus LD50:142 mg/kg AIPTAK 116,17,58
3F11F12F13 ipr-mus LD50:70 mg/kg AIPTAK 116,17,58
3F11F12F13 ims-mus LD50:90 mg/kg AIPTAK 116,17,58

TM1775500 PIPERAZINE, 1-METHYL-4-((1-METHYL-5-NITRO-1H-IMIDAZOL-2-YL)METHYL)-
UPDT:8406 CAS: 54387-29-0 MW: 239.32 MOLFM: C10-H17-N5-O2
SYN: DA 3804 * 1-METHYL-4-((1-METHYL-5-NITRO-1H-IMIDAZOL-2-YL)METHYL)PIPERAZINE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/L TCMUD8 3,429,83

PIPERAZINE, 1-METHYL-4-(m-METHYL-alpha-PHENYLBENZYL)-, DIHYDROCHLORIDE see: TM1885100

PIPERAZINE, 1-METHYL-4-((2-METHYLPHENYL)PHENYLMETHYL)-, DIHYDROCHLORIDE (9CI) see: TM1774200

TM1776500 PIPERAZINE, 1-METHYL-4-alpha-(1-NAPHTHYLBENZYL)-, DIHYDROCHLORIDE
UPDT:8403 MW: 389.40 MOLFM: C22-H24-N2 2Cl-H
SYN: 1-METHYL-4-alpha-(1-NAPHTHYLBENZYL)PIPERAZINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:46 mg/kg JAPMA8 46,279,57

TM1777800 PIPERAZINE, 1-METHYL-4-(1-NAPHTHYLMETHYL)-, DIHYDROCHLORIDE
UPDT:8403 MW: 313.30 MOLFM: C16-H20-N2 2Cl-H
SYN: 1-METHYL-4-(1-NAPHTHYLMETHYL)PIPERAZINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:185 mg/kg JAPMA8 46,279,57

TM1780000 PIPERAZINE, 1-METHYL-4-NITROSO-
UPDT:8403 CAS: 16339-07-4 MW: 129.19 MOLFM: C5-H11-N3-O
SYN: N'-METHYL-N-NITROSOPIPERAZINE * 1-METHYL-4-NITROSOPIPERAZINE * N-METHYL-NPZ * N-NITROSO-N'-METHYLPIPERAZIN (German) * N-NITROSOMETHYLPIPERAZINE * N-NITROSO-N'-METHYLPIPERAZINE * 1-NITROSO-4-METHYLPIPERAZINE
MUTATION DATA AND REFERENCES:
mma-sat 50 nmol/plate MUREAV 57,1,78
sln-dmg-par 5 mmol/L FOBLAN 16,225,70
sln-dmg-orl 5 mmol/L/24H FOBLAN 16,225,70
mma-smc 50 umol/plate MUREAV 77,143,80
hma-mus/sat 1 mmol/kg CNREA8 32,1598,72
mma-ham:lng 10 mmol/L CNREA8 37,1044,77
TUMORIGENIC DATA AND REFERENCES:
3V03D09L60 orl-rat TDLo:10 gm/kg/59W-C ZEKBAI 69,103,67
2V03D09 orl-rat TD :20800 mg/kg/40W-I PAACA3 24,53,83
2V03D09 orl-rat TD :11440 mg/kg/22W-I JJIND8 71,165,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:100 mg/kg ZEKBAI 69,103,67
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM1782000 PIPERAZINE, 1-(alpha-METHYLPHENETHYL)-4-PHENYL-, DIHYDROCHLORIDE
UPDT:8407 CAS: 16018-21-6 MW: 353.37 MOLFM: C19-H24-N2 2Cl-H
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:53 mg/kg ARZNAD 18,1431,68

TM1783000 PIPERAZINE, 1-METHYL-4-(1-PHENYLCYCLOHEXYLCARBONYL)-, HYDROCHLORIDE
UPDT:8403 MW: 322.92 MOLFM: C18-H26-N2-O Cl-H
SYN: 1-METHYL-4-(1-PHENYLCYCLOHEXYLCARBONYL)PIPERAZINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:68 mg/kg JAPMA8 46,279,57

TM1788000 PIPERAZINE, 1-METHYL-4-(alpha-PHENYLPHENETHYL)-, DIHYDROCHLORIDE
UPDT:8403 MW: 353.37 MOLFM: C19-H24-N2 2Cl-H
SYN: 1-METHYL-4-(alpha-PHENYLPHENETHYL)PIPERAZINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:90 mg/kg JAPMA8 46,279,57

TM1826000 PIPERAZINE, 1-METHYL-4-(2,2,4,4-TETRAMETHYLVALERYL)-
UPDT:8411 CAS: 32905-69-4 MW: 240.44 MOLFM: C14-H28-N2-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg CHTPBA 6,208,71

TM1885100 PIPERAZINE, 1-METHYL-4-(alpha-m-TOLYLBENZYL)-, DIHYDROCHLORIDE
UPDT:8403 MW: 353.37 MOLFM: C19-H24-N2 2Cl-H
SYN: 1-METHYL-4-(alpha-m-TOLYLBENZYL)PIPERAZINE DIHYDROCHLORIDE * PIPERAZINE, 1-METHYL-4-(m-METHYL-alpha-PHENYLBENZYL)-, DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:74 mg/kg JAPMA8 46,279,57

PIPERAZINE, 1-METHYL-4-(alpha-o-TOLYLBENZYL)-, DIHYDROCHLORIDE see: TM1774200 PIPERAZINE, 1METHYL-4-(o-METHYL-alpha-PHENYLBENZYL)-, DIHYDROCHLORIDE

TM1925000 PIPERAZINE, 1-METHYL-4-(3,3,3-TRIS(p-CHLOROPHENYL)PROPIONYL)-, MONOHYDROCHLORIDE
UPDT:8407 CAS: 1949-07-1 MW: 524.34 MOLFM: C26-H25-Cl3-N2-O Cl-H
SYN: DICRODEN * HETOLIN * LZ 544 * 1-METHYL-4-(3,3,3-TRIS(p-CHLOROPHENYL)PROPIONYL)PIPERAZINE MONOHYDROCHLORIDE * 1-(beta,beta,beta-TRIS(p-CHLOROPHENYL)PROPIONYL)-4-METHYLPIPERAZINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:610 mg/kg 85ESA3 9,612,76
orl-dom LDLo:200 mg/kg FAZMAE 17,108,73

TM2450000 PIPERAZINE, 1-NITROSO-
UPDT:8401 CAS: 5632-47-3 MW: 115.16 MOLFM: C4-H9-N3-O
SYN: MONONITROSOPIPERAZINE * N-NITROSOPIPERAZINE * 1-NITROSOPIPERAZINE
MUTATION DATA AND REFERENCES:
mma-sat 5 umol/plate MUREAV 57,1,78
hma-mus/sat 8 mg/kg CNREA8 37,4572,77
TUMORIGENIC DATA AND REFERENCES:
3V01D09T64 orl-rat TDLo:5400 mg/kg/60W-I ZEKBAI 74,179,70
2V03J60 orl-mus TDLo:720 mg/kg/20W-I JNCIAM 55,633,75
3V02L6UP60 orl-rat TD :1400 mg/kg/60W-I ZEKBAI 74,179,70
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2260 mg/kg ZEKBAI 74,179,70
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM2470000 PIPERAZINE, 1-NITROSO-3,4,5-TRIMETHYL-
UPDT:8402 MW: 157.25 MOLFM: C7-H15-N3-O
SYN: NITROSO-3,4,5-TRIMETHYLPIPERAZINE * N-NITROSO-3,4,5-TRIMETHYLPIPERAZINE * 1-NITROSO-3,4,5-TRIMETHYLPIPERAZINE
MUTATION DATA AND REFERENCES:
mma-sat 25 ug/plate MUREAV 111,135,83
TUMORIGENIC DATA AND REFERENCES:
2V01D09 orl-rat TDLo:270 mg/kg/30W-I CRNGDP 4,1165,83
3V01J60K60 orl-ham TDLo:2208 mg/kg/46W-I CRNGDP 4,1165,83
3V01D09K60 orl-rat TD :660 mg/kg/30W-I CRNGDP 4,1165,83
3V01P61P62 orl-rat TD :1430 mg/kg/26W-I CNREA8 41,1034,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM2475000 PIPERAZINE, 1-NONYL-, DIHYDROCHLORIDE
UPDT:8403 MW: 285.35 MOLFM: C13-H28-N2 2Cl-H
SYN: 1-NONYLPIPERAZINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:175 mg/kg JAPMA8 46,279,57

TM2480000 PIPERAZINE and 2-OXO-10-BORNANESULFONATE
UPDT:8407 MW: 317.47 MOLFM: C4-H10-N2 C10-H15-O4-S
SYN: CAMPHOSULFONATE de DIETHYLENEDIAMINE (French) * 2-OXO-10-BORNANESULFONATE and PIPERAZINE * SOLUCAMPHRE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1610 mg/kg AIPTAK 103,146,55

TM2490000 PIPERAZINE, 1,1'-OXYBIS(DIMETHYLSILYLENE)BIS(TRIMETHYLENE)BIS(4-METHYL-, TETRAHYDROCHLORIDE
UPDT:8312 MW: 560.72 MOLFM: C20-H46-N4-O-Si2 4Cl-H
SYN: 1,1'-OXYBIS(DIMETHYLSILYLENE)BIS(TRIMETHYLENE)BIS(4-METHYLPIPERAZINE) TETRAHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2E03H02 ipr-rat LD50:215 mg/kg PCJOAU 16,761,82

TM2625000 PIPERAZINE, 1-PHENYL-
UPDT:8412 CAS: 92-54-6 MW: 162.26 MOLFM: C10-H14-N2
SYN: 1-PHENYLPIPERAZINE
IRRITATION DATA AND REFERENCES:
skn-rbt 100 ug/24H open AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:210 mg/kg AIHAAP 23,95,62
1R10 skn-rbt LD50:140 mg/kg AIHAAP 23,95,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM2646300 PIPERAZINE, PHOSPHATE
UPDT:8412 CAS: 1951-97-9 MW: 772.16 MOLFM: C4-H10-N2 xH3-O4-P
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:20 gm/kg JAMAAP 161,515,56

TM2648000 PIPERAZINE, 1-PIPERONYL-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)-
UPDT:8311 CAS: 56208-01-6 MW: 424.69 MOLFM: C27-H40-N2-O2
SYN: 4-FARNESYL-1-(3,4-METHYLENEDIOXYBENZYL)PIPERAZINE * 1-(3,4-METHYLENEDIOXYBENZYL)-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)PIPERAZINE * PIFARNINE * PIPERAZINE, 1-(1,3-BENZODIOXOL-5-YLMETHYL)-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)- * 1-PIPERONYL-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)PIPERAZINE * U27
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:500 mg/kg EJMCA5 9,555,74

TM2648010 PIPERAZINE, 1-PIPERONYL-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)-, (E,E)-
UPDT:8311 CAS: 50419-27-7 MW: 424.69 MOLFM: C27-H40-N2-O2
SYN: PIPERAZINE, 1-(1,3-BENZODIOXOL-5-YLMETHYL)-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)-, (E,E)- * (E,E)-1-PIPERONYL-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)-PIPERAZINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg EJMCA5 10,585,75

TM2648020 PIPERAZINE, 1-PIPERONYL-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)-, (E,Z)-
UPDT:8311 CAS: 50419-29-9 MW: 424.69 MOLFM: C27-H40-N2-O2
SYN: PIPERAZINE, 1-(1,3-BENZODIOXOL-5-YLMETHYL)-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)-, (E,Z)- * (E,Z)-1-PIPERONYL-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)-PIPERAZINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:315 mg/kg EJMCA5 10,585,75

TM2648030 PIPERAZINE, 1-PIPERONYL-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)-, (Z,E)-
UPDT:8311 CAS: 50419-21-1 MW: 424.69 MOLFM: C27-H40-N2-O2
SYN: PIPERAZINE, 1-(1,3-BENZODIOXOL-5-YLMETHYL)-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)-, (Z,E)- * (Z,E)-1-PIPERONYL-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)-PIPERAZINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg EJMCA5 10,585,75

TM2648040 PIPERAZINE, 1-PIPERONYL-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)-, (Z,Z)-
UPDT:8311 CAS: 50419-28-8 MW: 424.69 MOLFM: C27-H40-N2-O2

SYN: PIPERAZINE, 1-(1,3-BENZODIOXOL-5-YLMETHYL)-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)-, (Z,Z)- * (Z,Z)-1-PIPERONYL-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)-PIPERAZINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg EJMCA5 10,585,75

TM2649370 1-PIPERAZINEPROPANOL, alpha-(p-(ALLYLOXY)PHENYL)-4-(beta-ETHOXYPHENETHYL)-, DIHYDROCHLORIDE
UPDT:8411 CAS: 27588-38-1 MW: 497.56 MOLFM: C26-H36-N2-O3 .2Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:435 mg/kg USXXAM #3705244

TM2662000 1-PIPERAZINEPROPANOL, alpha-(p-BUTYLPHENYL)-4-(beta-ETHOXYPHENETHYL)-, DIHYDROCHLORIDE
UPDT:8411 CAS: 27588-44-9 MW: 497.61 MOLFM: C27-H40-N2-O2 .2Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg USXXAM #3705244

TM2663000 1-PIPERAZINEPROPANOL, alpha-(p-BUTYLPHENYL)-4-(beta-METHOXYPHENETHYL)-, DIHYDROCHLORIDE
UPDT:8411 CAS: 27588-45-0 MW: 483.58 MOLFM: C26-H38-N2-O2 .2Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg USXXAM #3705244

TM2664000 1-PIPERAZINEPROPANOL, alpha-(p-CHLOROPHENYL)-4-(beta-ISOBUTOXYPHENETHYL)-, DIHYDROCHLORIDE
UPDT:8411 CAS: 27588-40-5 MW: 503.99 MOLFM: C25-H35-Cl-N2-O2 .2Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:709 mg/kg USXXAM #3705244

TM2664500 1-PIPERAZINEPROPANOL, alpha-(p-CHLOROPHENYL)-4-(beta-METHOXYPHENETHYL)-, DIHYDROCHLORIDE
UPDT:8411 CAS: 27568-47-2 MW: 461.90 MOLFM: C22-H29-Cl-N2-O2 .2Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:718 mg/kg USXXAM #3705244

TM2665000 1-PIPERAZINEPROPANOL, 4-(3-(2-CHLORO-9H-THIOXANTHEN-9-YL)PROPYL)-, DIHYDROCHLORIDE
UPDT:8403 CAS: 17162-32-2 MW: 489.97 MOLFM: C23-H29-Cl-N2-O-S .2Cl-H
SYN: 2-CHLORO-10-(3-(1-(3-HYDROXYPROPYL)-4-PIPERAZINYL)PROPYL)THIAXANTHENE DIHYDROCHLORIDE * 2-CHLORO-9-(3-(4-(3-HYDROXYPROPYL)PIPERAZINYL)PROPYL)THIOXANTHENE DIHYDROCHLORIDE * 4-(3-(2-CHLOROTHIOXANTHEN-9-YL)PROPYL)-1-PIPERAZINEPROPANOL DIHYDROCHLORIDE * DAXID * S 9-888 * XANTHIOL * XANTHIOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:156 mg/kg 27ZQAG -,91,72
ipr-mus LD50:190 mg/kg FEPRA7 19,24,60
ivn-mus LD50:92 mg/kg FEPRA7 19,24,60

TM2671400 1-PIPERAZINEPROPANOL, 4-(beta-ETHOXYPHENETHYL)-alpha-(p-FLUOROPHENYL)-, DIHYDROCHLORIDE
UPDT:8411 CAS: 27588-37-0 MW: 459.48 MOLFM: C23-H31-F-N2-O2 .2Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:430 mg/kg USXXAM #3705244

TM2671500 1-PIPERAZINEPROPANOL, 4-(beta-ETHOXYPHENETHYL)-alpha-(p-METHOXYPHENYL)-, DIHYDROCHLORIDE
UPDT:8411 CAS: 27698-84-6 MW: 471.52 MOLFM: C24-H34-N2-O3 .2Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:552 mg/kg USXXAM #3705244

TM2671600 1-PIPERAZINEPROPANOL, 4-(beta-ETHOXYPHENETHYL)-alpha-PHENYL-, DIHYDROCHLORIDE
UPDT:8411 CAS: 27588-36-9 MW: 441.49 MOLFM: C23-H32-N2-O2 .2Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:438 mg/kg USXXAM #3705244

TM2674000 1-PIPERAZINEPROPANOL, 4-(beta-METHOXYPHENETHYL)-alpha-(p-METHOXYPHENYL)-, DIHYDROCHLORIDE
UPDT:8411 CAS: 27588-46-1 MW: 457.49 MOLFM: C23-H32-N2-O3 .2Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:656 mg/kg USXXAM #3705244

TM2674500 1-PIPERAZINEPROPANOL, 4-(beta-METHOXYPHENETHYL)-alpha-PHENYL-
UPDT:8412 CAS: 32665-36-4 MW: 354.54 MOLFM: C22-H30-N2-O2
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:640 mg/kg OYYAA2 19,503,80
* ipr-rat LD50:72 mg/kg OYYAA2 19,503,80
* ims-rat LD50:140 mg/kg OYYAA2 19,503,80
* orl-mus LD50:350 mg/kg OYYAA2 19,503,80
* ipr-mus LD50:103 mg/kg OYYAA2 19,503,80
* ims-mus LD50:122 mg/kg OYYAA2 19,503,80

TM2675000 1-PIPERAZINEPROPANOL, 4-(beta-METHOXYPHENETHYL)-alpha-PHENYL-, DIHYDROCHLORIDE
UPDT:8411 CAS: 27588-43-8 MW: 427.46 MOLFM: C22-H30-N2-O2 .2Cl-H
SYN: EPROZINOL DIHYDROCHLORIDE * EUPNERON * 4-(beta-METHOXYPHENETHYL)-alpha-PHENYL-1-PIPERAZINEPROPANOL DIHYDROCHLORIDE * 1-(2-METHOXY-2-PHENYLETHYL)-4-(3-HYDROXY-3-PHENYLPROPYL)PIPERAZINE DIHYDROCHLORIDE * 1-(2-PHENYL-2-METHYL)ETHYL-4-(3-PHENYL-3-HYDROXY)-PROPYLPIPERAZINE DIHYDROCHLORIDE * 1-(2-PHENYL-2-METHOXY)ETHYL 4-(3-PHENYL-3-HYDROXY) PROPYL PIPERAZINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:3400 mg/kg (19W male) OYYAA2 14,805,77
1T03 orl-rat TDLo:2730 mg/kg (39W male) OYYAA2 14,805,77
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg USXXAM #3705244
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM2675100 1-PIPERAZINEPROPANOL, 4-(beta-METHOXYPHENETHYL)-alpha-(p-(2-PIPERIDINOETHOXY)PHENYL)-, TRIHYDROCHLORIDE
UPDT:8411 CAS: 27588-39-2 MW: 575.13 MOLFM: C29-H43-N3-O2 .3Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1750 mg/kg USXXAM #3705244

TM2675200 1-PIPERAZINEPROPANOL, 4-(beta-METHOXYPHENETHYL)-alpha-(3,4,5-TRIMETHOXYPHENYL)-, DIHYDROCHLORIDE
UPDT:8411 CAS: 27588-42-7 MW: 517.55 MOLFM: C25-H36-N2-O5 .2Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:709 mg/kg USXXAM #3705244

1-PIPERAZINEPROPANOL, 4-(6-((6-METHOXY-8-QUINOLINYL)AMINO)HEXYL)-alpha-METHYL- (9CI) see: TM2676000

TM2676000 1-PIPERAZINEPROPANOL, 4-(6-((6-METHOXY-8-QUINOLYL)AMINO)HEXYL)-alpha-METHYL-
UPDT:8302 CAS: 23790-08-1 MW: 414.66 MOLFM: C24-H38-N4-O2
SYN: 349C59 * 8-(6-(4-(3-HYDROXY-n-BUTYL)PIPERAZIN-1-YL)HEXYLAMINO)-6-METHOXYQUINOLINE * MOXIPRAQUINA (Spanish) * MOXIPRAQUINE * 1-PIPERAZINEPROPANOL, 4-(6-((6-METHOXY-8-QUINOLINYL)AMINO)HEXYL)-alpha-METHYL- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:266 mg/kg TRSTAZ 74,43,80

TM2676100 1-PIPERAZINEPROPANOL, 4-(6-((6-METHOXY-8-QUINOLYL)AMINO)HEXYL)-alpha-METHYL-, MALEATE (1:2)
UPDT:8302 MW: 630.82 MOLFM: C24-H38-N4-O .2C4-H4-O4
SYN: 349C59 * 8-(6-(4-(3-HYDROXYBUTYL)PIPERAZIN-1-YL)HEXYL)AMINO)-6-METHOXYQUINOLINE DI(HYDROGEN MALEATE) * 4-(6-((6-METHOXY-8-QUINOLYL)AMINO)HEXYL)-alpha-1-PIPERAZINEPROPANOL MALEATE * MOXIPRAQUINE DI(HYDROGEN MALEATE)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T43T46T55 orl-rat TDLo:90 mg/kg (8-16D preg) TRSTAZ 74,43,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM2693927 1-PIPERAZINEPROPIONIC ACID, 4-METHYL-, alpha ESTER with 2,2-DICHLORO-N-(beta-HYDROXY-alpha-(HYDROXYMETHYL)-p-NITROPHENETHYL)ACETAMIDE, HYDROCHLORIDE, HYDRATE (1:2:1)
UPDT:8303 MW: 568.33 MOLFM: C19-H26-Cl2-N4-O6 .2Cl-H .H2-O
SYN: CHLORAMPHENICOL 4-METHYL-1-PIPERAZINEPROPIONATE DIHYDROCHLORIDE HYDRATE * M.G. 7024
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3400 mg/kg BCFAAI 100,670,61

PIPERAZINE, 1-(2-PYRIMIDYL)-4-(2-(3,4,5-TRIMETHOXYCINNAMOYL)ETHYL)-, HYDROCHLORIDE see SB4260000

TM2785100 PIPERAZINE, 1-((1-PYRROLIDINYLCARBONYL)METHYL)-4-(3',4',5'-TRIMETHOXYCINNAMOYL)-, MALEATE
UPDT:8408 CAS: 26328-04-1 MW: 533.64 MOLFM: C22-H31-N3-O5 .C4-H4-O4
SYN: BRENDIL * CINEPAZIDE MALEATE * MALEATE de CINEPAZIDE (French) * MD 67350 * 1-((1-PYRROLIDINYLCARBONYL)METHYL)-4-(3,4,5-TRIMETHOXYCINNAMOYL)PIPERAZINE MALEATE * 1-(4-((3',4',5'-TRIMETHOXYCINNAMOYL)-1-PIPERAZINYL)ACETYL)PYRROLIDINE MALEATE * 4-(3,4,5-TRIMETHOXYCINNAMOYL)-1-(1-PYRROLIDINYLCARBONYLMETHYL)PIPERAZINE MALEATE * VASODISTAL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T46T81 orl-mus TDLo:672 mg/kg (15-21D preg/21D post) IYKEDH 10,559,79
1T86 orl-mus TDLo:16800 mg/kg (15-21D preg/21D post) IYKEDH 10,559,79
1T76 orl-mus TDLo:240 mg/kg (6-15D preg) IYKEDH 10,546,79
1T34 orl-mus TDLo:10600 mg/kg (6-15D preg) IYKEDH 10,546,79
3T25T35T46 orl-rbt TDLo:312 mg/kg (6-18D preg) IYKEDH 10,572,79
2T31T34 orl-rbt TDLo:910 mg/kg (6-18D preg) IYKEDH 10,572,79
TOXICITY DATA AND REFERENCES:
3F11F17F25 orl-rat LD50:1310 mg/kg THERAP 29,29,74
* scu-rat LD50:710 mg/kg IYKEDH 10,407,79
3F11F17F25 ivn-rat LD50:414 mg/kg THERAP 29,29,74
3F11F17F25 orl-mus LD50:1000 mg/kg THERAP 29,29,74
* scu-mus LD50:946 mg/kg IYKEDH 10,407,79
3F11F17F25 ivn-mus LD50:617 mg/kg THERAP 29,29,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM2785200 PIPERAZINE and SODIUM NITRITE (4:1)
UPDT:8405
SYN: SODIUM NITRITE and PIPERAZINE (1:4)
TUMORIGENIC DATA AND REFERENCES:
3V03J60K60 orl-rat TDLo:90 gm/kg/47W-C IGSBDO 5(4),321,79
2V01Jo0 orl-mus TDLo:183 gm/kg/28W-C JNCIAM 46,1029,71
3V03J60K60 orl-rat TD:130 gm/kg/39W-C IGSBDO 5(4),321,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM2976100 PIPERAZINE, 1-(2,3,4-TRIMETHOXYBENZYL)-, DIHYDROCHLORIDE
UPDT:8403 CAS: 13171-25-0 MW: 339.30 MOLFM: C14-H22-N2-O3 .2Cl-H
SYN: KYURINETT * PIPERAZINE, 1-((2,3,4-TRIMETHOXYPHENYL)METHYL)-, DIHYDROCHLORIDE (9CI) * [illegible] 4004 * TRIMETAZIDINE DIHYDROCHLORIDE * TRIMETAZIDINE HYDROCHLORIDE * 1-(2,3,4-TRIMETHOXYBENZYL)PIPERAZINE DIHYDROCHLORIDE * VASTAREL * YOSIMILON
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1700 mg/kg NIIRDN 6,527,82
* ipr-rat LD50:345 mg/kg NIIRDN 6,527,82
* scu-rat LD50:1500 mg/kg NIIRDN 6,527,82
* orl-mus LD50:1550 mg/kg NIIRDN 6,527,82
* ipr-mus LD50:310 mg/kg MEIEDD 10,1386,83
* scu-mus LD50:410 mg/kg NIIRDN 6,527,82
* ivn-mus LD50:150 mg/kg MEIEDD 10,1386,83

PIPERAZINE, 1-((2,3,4-TRIMETHOXYPHENYL)METHYL)-, DIHYDROCHLORIDE (9CI) see: TM2976100

TM2990500 PIPERAZINIUM, 1-ALLYL-4-(2-HYDROXYETHYL)-1-(alpha-METHYLPHENETHYL)-, BROMIDE, HYDROBROMIDE
UPDT:8403 CAS: 67361-08-4 MW: 450.32 MOLFM: C18-H29-N2-O .Br .Br-H
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:5250 ug/kg ARZNAD 18,1431,68

TM2990600 PIPERAZINIUM, 1-ALLYL-1-(alpha-METHYLPHENETHYL)-4-PHENYL-, BROMIDE
UPDT:8403 CAS: 67361-09-5 MW: 401.44 MOLFM: C22-H29-N2 .Br
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:6750 ug/kg ARZNAD 18,1431,68

TM2990700 PIPERAZINIUM, 4-BENZHYDRYL-1-BUTYL-1-METHYL-, IODIDE
UPDT:8403 MW: 450.45 MOLFM: C22-H31-N2 .I
SYN: 4-BENZHYDRYL-1-BUTYL-1-METHYLPIPERAZINIUM IODIDE * PIPERAZINIUM, 1-BUTYL-4-DIPHENYLMETHYL-1-METHYL-, IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:87 mg/kg JAPMAB 46,279,57

TM2990800 PIPERAZINIUM, 4-BENZHYDRYL-1,1-DIETHYL-, IODIDE
UPDT:8403 MW: 436.42 MOLFM: C21-H29-N2 .I
SYN: 4-BENZHYDRYL-1,1-DIETHYLPIPERAZINIUM IODIDE * PIPERAZINIUM, 1,1-DIETHYL-4-DIPHENYLMETHYL-, IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:180 mg/kg JAPMAB 46,279,57

TM2990900 PIPERAZINIUM, 4-BENZHYDRYL-1,1-DIETHYL-2,5-DIMETHYL-, IODIDE
UPDT:8403 MW: 464.48 MOLFM: C23-H33-N2 .I
SYN: 4-BENZHYDRYL-1,1-DIETHYL-2,5-DIMETHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:119 mg/kg JAPMAB 46,279,57

TM2991100 PIPERAZINIUM, 4-BENZHYDRYL-1-ETHYL-1-ISOPROPYL-, IODIDE
UPDT:8403 MW: 450.45 MOLFM: C22-H31-N2 .I
SYN: 4-BENZHYDRYL-1-ETHYL-1-ISOPROPYLPIPERAZINIUM IODIDE * PIPERAZINIUM, 4-DIPHENYLMETHYL-1-ETHYL-1-ISOPROPYL-, IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:84 mg/kg JAPMAB 46,279,57

TM2991300 PIPERAZINIUM, 4-BENZHYDRYL-1-ETHYL-1-METHYL-, IODIDE
UPDT:8403 MW: 422.39 MOLFM: C20-H27-N2 .I
SYN: 4-BENZHYDRYL-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE * PIPERAZINIUM, 4-DIPHENYLMETHYL-1-ETHYL-1-METHYL-, IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:125 mg/kg JAPMAB 46,279,57

TM2991400 PIPERAZINIUM, 4-BENZHYDRYL-1-ETHYL-1-PROPYL-, IODIDE
UPDT:8403 MW: 450.45 MOLFM: C22-H31-N2 .I
SYN: 4-BENZHYDRYL-1-ETHYL-1-PROPYLPIPERAZINIUM IODIDE * PIPERAZINIUM, 4-DIPHENYLMETHYL-1-ETHYL-1-PROPYL-, IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:87 mg/kg JAPMAB 46,279,57

TM2991600 PIPERAZINIUM, 4-BENZHYDRYL-1-ISOPROPYL-1-METHYL-, IODIDE
UPDT:8403 MW: 436.42 MOLFM: C21-H29-N2 .I
SYN: 4-BENZHYDRYL-1-ISOPROPYL-1-METHYLPIPERAZINIUM IODIDE * PIPERAZINIUM, 4-DIPHENYLMETHYL-1-ISOPROPYL-1-METHYL-, IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:90 mg/kg JAPMAB 46,279,57

TM2991700 PIPERAZINIUM, 1-BENZYL-4-(2-(BENZYLDIETHYLAMMONIO)ETHYL)-1-METHYL-, DIBROMIDE
UPDT:8305 MW: 541.49 MOLFM: C25-H39-N3.2Br
SYN: 1-BENZYL-4-(2-(BENZYLDIETHYLAMMONIO)ETHYL)-1-METHYLPIPERAZINIUM DIBROMIDE * 107 HC
TOXICITY DATA AND REFERENCES:
3C08J22J30 scu-mus LD50:45 mg/kg THERAP 9,314,54

TM2991800 PIPERAZINIUM, 1-BENZYL-1,4-BIS(alpha-METHYLPHENETHYL)-, BROMIDE
UPDT:8403 CAS: 23111-70-8 MW: 493.59 MOLFM: C29-H37-N2.Br
TOXICITY DATA AND REFERENCES:
scu-mus LD50:350 mg/kg JPETAB 97,25,49
ivn-mus LD50:29 mg/kg ARZNAD 18,1431,68

TM2991900 PIPERAZINIUM, 1-BENZYL-4-(2-HYDROXYETHYL)-1-METHYL-, IODIDE, DIPHENYLACETATE
UPDT:8403 MW: 556.53 MOLFM: C28-H33-N2-O2.I
SYN: 1-BENZYL-4-(2-HYDROXYETHYL)-1-METHYLPIPERAZINIUM IODIDE DIPHENYLACETATE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:40 mg/kg JAPMA8 46,279,57

TM3005000 PIPERAZINIUM, 4-(BIS(p-CHLOROPHENYL)METHYL)-1-ETHYL-1-METHYL-, IODIDE
UPDT:8403 MW: 491.27 MOLFM: C20-H25-Cl2-N2.I
SYN: 4-(BIS(p-CHLOROPHENYL)METHYL)-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:40 mg/kg JAPMA8 46,279,57

TM3065000 PIPERAZINIUM, 4-(o-BROMO-alpha-PHENYLBENZYL)-1-ETHYL-1-METHYL-, IODIDE
UPDT:8403 MW: 501.29 MOLFM: C20-H26-Br-N2.I
SYN: 4-(o-BROMO-alpha-PHENYLBENZYL)-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:115 mg/kg JAPMA8 46,279,57

TM3066000 PIPERAZINIUM, 4-(o-BROMO-alpha-PHENYLBENZYL)-1-ISOPROPYL-1-METHYL-, IODIDE
UPDT:8403 MW: 515.32 MOLFM: C21-H28-Br-N2.I
SYN: 4-(o-BROMO-alpha-PHENYLBENZYL)-1-ISOPROPYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:88 mg/kg JAPMA8 46,279,57

TM3067000 PIPERAZINIUM, 1-BUTYL-4-alpha-CYCLOHEXYLBENZYL-1-METHYL-, IODIDE
UPDT:8403 MW: 456.51 MOLFM: C22-H37-N2.I
SYN: 1-BUTYL-4-alpha-CYCLOHEXYLBENZYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:69 mg/kg JAPMA8 46,279,57

PIPERAZINIUM, 1-BUTYL-4-DIPHENYLMETHYL-1-METHYL-, IODIDE see: TM2990700

TM3068000 PIPERAZINIUM, 1-BUTYL-4-(3,3-DIPHENYLPROPIONYL)-1-METHYL-, IODIDE
UPDT:8403 MW: 492.49 MOLFM: C24-H33-N2-O.I
SYN: 1-BUTYL-4-(3,3-DIPHENYLPROPIONYL)-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:42 mg/kg JAPMA8 46,279,57

TM3081000 PIPERAZINIUM, 4-CARBOXY-1-DODECYL-1-METHYL-, BROMIDE, ETHYL ESTER
UPDT:8403 MW: 421.54 MOLFM: C20-H41-N2-O2.Br
SYN: 4-CARBOXY-1-DODECYL-1-METHYLPIPERAZINIUM BROMIDE ETHYL ESTER
TOXICITY DATA AND REFERENCES:
3F12F13J30 orl-mus LD50:950 mg/kg JAPMA8 46,279,57

TM3082000 PIPERAZINIUM, 4-(CARBOXYMETHYL)-1,1-DIMETHYL-, IODIDE, alpha-CYCLOHEXYLBENZYL ESTER
UPDT:8406 MW: 472.46 MOLFM: C21-H33-N2-O2.I
SYN: 4-(CARBOXYMETHYL)-1,1-DIMETHYLPIPERAZINIUM IODIDE alpha-CYCLOHEXYLBENZYL ESTER
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:33 mg/kg JAPMA8 46,279,57

TM3083000 PIPERAZINIUM, 4-(1-CARBOXY-2-METHYLPROPYL)-1-ETHYL-1-METHYL-, IODIDE, ETHYL ESTER
UPDT:8403 MW: 384.35 MOLFM: C14-H29-N2-O2.I
SYN: 4-(1-CARBOXY-2-METHYLPROPYL)-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE ETHYL ESTER
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:160 mg/kg JAPMA8 46,279,57

TM3085000 PIPERAZINIUM, 4-(m-CHLORO-alpha-PHENYLBENZYL)-1,1-DIETHYL-, IODIDE
UPDT:8403 MW: 470.86 MOLFM: C21-H28-Cl-N2.I
SYN: 4-(m-CHLORO-alpha-PHENYLBENZYL)-1,1-DIETHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:112 mg/kg JAPMA8 46,279,57

TM3085200 PIPERAZINIUM, 4-(o-CHLORO-alpha-PHENYLBENZYL)-1,1-DIETHYL-, IODIDE
UPDT:8403 MW: 470.86 MOLFM: C21-H28-Cl-N2.I
SYN: 4-(o-CHLORO-alpha-PHENYLBENZYL)-1,1-DIETHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:112 mg/kg JAPMA8 46,279,57

TM3085400 PIPERAZINIUM, 4-(o-CHLORO-alpha-PHENYLBENZYL)-1,1-DIMETHYL-, IODIDE
UPDT:8403 MW: 442.80 MOLFM: C19-H24-Cl-N2.I
SYN: 4-(o-CHLORO-alpha-PHENYLBENZYL)-1,1-DIMETHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:68 mg/kg JAPMA8 46,279,57

TM3085600 PIPERAZINIUM, 4-(p-CHLORO-alpha-PHENYLBENZYL)-1,1-DIMETHYL-, IODIDE
UPDT:8403 MW: 442.80 MOLFM: C19-H24-Cl-N2.I
SYN: 4-(p-CHLORO-alpha-PHENYLBENZYL)-1,1-DIMETHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:72 mg/kg JAPMA8 46,279,57

TM3085800 PIPERAZINIUM, 4-(o-CHLORO-alpha-PHENYLBENZYL)-1-ETHYL-1-METHYL-, CHLORIDE
UPDT:8403 MW: 365.38 MOLFM: C20-H26-Cl-N2.Cl
SYN: 4-(o-CHLORO-alpha-PHENYLBENZYL)-1-ETHYL-1-METHYLPIPERAZINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 orl-mus LD50:715 mg/kg JAPMA8 46,279,57

TM3086000 PIPERAZINIUM, 4-(m-CHLORO-alpha-PHENYLBENZYL)-1-ETHYL-1-METHYL-, IODIDE
UPDT:8403 MW: 456.83 MOLFM: C20-H26-Cl-N2.I
SYN: 4-(m-CHLORO-alpha-PHENYLBENZYL)-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:34 mg/kg JAPMA8 46,279,57

TM3086200 PIPERAZINIUM, 4-(o-CHLORO-alpha-PHENYLBENZYL)-1-ETHYL-1-METHYL-, IODIDE
UPDT:8403 MW: 456.83 MOLFM: C20-H26-Cl-N2.I
SYN: 4-(o-CHLORO-alpha-PHENYLBENZYL)-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:79 mg/kg JAPMA8 46,279,57

TM3086400 PIPERAZINIUM, 4-(p-CHLORO-alpha-PHENYLBENZYL)-1-ETHYL-1-METHYL-, IODIDE
UPDT:8403 MW: 456.83 MOLFM: C20-H26-Cl-N2.I
SYN: 4-(p-CHLORO-alpha-PHENYLBENZYL)-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:49 mg/kg JAPMA8 46,279,57

TM3086600 PIPERAZINIUM, 4-(o-CHLORO-alpha-PHENYLBENZYL)-1-ISOPROPYL-1-METHYL-, IODIDE
UPDT:8403 MW: 470.86 MOLFM: C21-H28-Cl-N2.I
SYN: 4-(o-CHLORO-alpha-PHENYLBENZYL)-1-ISOPROPYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:64 mg/kg JAPMA8 46,279,57

TM3086800 PIPERAZINIUM, 4-(p-CHLORO-alpha-PHENYLBENZYL)-1-ISOPROPYL-1-METHYL-, IODIDE
UPDT:8403 MW: 470.86 MOLFM: C21-H28-Cl-N2.I
SYN: 4-(p-CHLORO-alpha-PHENYLBENZYL)-1-ISOPROPYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:65 mg/kg JAPMA8 46,279,57

TM3087000 PIPERAZINIUM, 4-alpha-CYCLOHEPTEN-2-YLBENZYL-1-ETHYL-1-METHYL-, IODIDE
UPDT:8403 MW: 440.46 MOLFM: C21-H33-N2.I
SYN: 4-alpha-CYCLOHEPTEN-2-YLBENZYL-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:104 mg/kg JAPMA8 46,279,57

TM3087200 PIPERAZINIUM, 4-alpha-CYCLOHEPTEN-2-YLBENZYL-1-ETHYL-1-METHYL-, p-TOLUENESULFONATE
UPDT:8403 MW: 484.76 MOLFM: C21-H33-N2.C7-H7-O3-S
SYN: 4-alpha-CYCLOHEPTEN-2-YLBENZYL-1-ETHYL-1-METHYLPIPERAZINIUM p-TOLUENESULFONATE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:96 mg/kg JAPMA8 46,279,57

TM3087400 PIPERAZINIUM, 4-alpha-CYCLOHEPTYLBENZYL-1-ETHYL-1-METHYL-, IODIDE
UPDT:8403 MW: 442.48 MOLFM: C21-H35-N2.I
SYN: 4-alpha-CYCLOHEPTYLBENZYL-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:81 mg/kg JAPMA8 46,279,57

TM3087600 PIPERAZINIUM, 4-alpha-CYCLOHEX-1-ENYLBENZYL-1,1-DIETHYL-, IODIDE
UPDT:8403 MW: 440.46 MOLFM: C21-H33-N2.I
SYN: 4-alpha-CYCLOHEX-1-ENYLBENZYL-1,1-DIETHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:100 mg/kg JAPMA8 46,279,57

TM3087800 PIPERAZINIUM, 4-alpha-CYCLOHEX-1-ENYLBENZYL-1-ETHYL-1-METHYL-, IODIDE
UPDT:8403 MW: 426.43 MOLFM: C20-H31-N2.I
SYN: 4-alpha-CYCLOHEX-1-ENYLBENZYL-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:127 mg/kg JAPMA8 46,279,57

TM3088000 PIPERAZINIUM, 4-alpha-CYCLOHEX-2-ENYLBENZYL-1-ETHYL-1-METHYL-, IODIDE
UPDT:8403 MW: 426.43 MOLFM: C20-H31-N2.I
SYN: 4-alpha-CYCLOHEX-2-ENYLBENZYL-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:137 mg/kg JAPMA8 46,279,57

TM3088200 PIPERAZINIUM, 4-alpha-CYCLOHEX-2-ENYLBENZYL-1-ETHYL-1-METHYL-, p-TOLUENESULFONATE
UPDT:8403 MW: 470.73 MOLFM: C20-H31-N2.C7-H7-O3-S
SYN: 4-alpha-CYCLOHEX-2-ENYLBENZYL-1-ETHYL-1-METHYLPIPERAZINIUM p-TOLUENESULFONATE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:111 mg/kg JAPMA8 46,279,57

TM3088400 PIPERAZINIUM, 4-alpha-CYCLOHEX-1-ENYLBENZYL-1-ISOPROPYL-1-METHYL-, IODIDE
UPDT:8403 MW: 440.46 MOLFM: C21-H33-N2.I
SYN: 4-alpha-CYCLOHEX-1-ENYLBENZYL-1-ISOPROPYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:87 mg/kg JAPMA8 46,279,57

TM3088600 PIPERAZINIUM, 4-alpha-CYCLOHEX-2-ENYLBENZYL-1-ISOPROPYL-1-METHYL-, IODIDE
UPDT:8403 MW: 440.46 MOLFM: C21-H33-N2.I
SYN: 4-alpha-CYCLOHEX-2-ENYLBENZYL-1-ISOPROPYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:86 mg/kg JAPMA8 46,279,57

TM3088800 PIPERAZINIUM, 4-(alpha-CYCLOHEX-1-ENYL-m-METHOXYBENZYL)-1-ETHYL-1-METHYL-, IODIDE
UPDT:8403 MW: 456.46 MOLFM: C21-H33-N2-O.I
SYN: 4-(alpha-CYCLOHEX-1-ENYL-m-METHOXYBENZYL)-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:96 mg/kg JAPMA8 46,279,57

TM3089000 PIPERAZINIUM, 4-alpha-CYCLOHEXYLBENZYL-1,1-DIETHYL-, IODIDE
UPDT:8403 MW: 442.48 MOLFM: C21-H35-N2.I
SYN: 4-alpha-CYCLOHEXYLBENZYL-1,1-DIETHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:92 mg/kg JAPMA8 46,279,57

TM3089200 PIPERAZINIUM, 4-alpha-CYCLOHEXYLBENZYL-1,1-DIMETHYL-, IODIDE
UPDT:8403 MW: 414.42 MOLFM: C19-H31-N2.I
SYN: 4-alpha-CYCLOHEXYLBENZYL-1,1-DIMETHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:57 mg/kg JAPMA8 46,279,57

TM3089400 PIPERAZINIUM, 4-alpha-CYCLOHEXYLBENZYL-1-ETHYL-1-ISOPROPYL-, IODIDE
UPDT:8403 MW: 456.51 MOLFM: C22-H37-N2.I
SYN: 4-alpha-CYCLOHEXYLBENZYL-1-ETHYL-1-ISOPROPYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:65 mg/kg JAPMA8 46,279,57

TM3089600 PIPERAZINIUM, 4-alpha-CYCLOHEXYLBENZYL-1-ETHYL-1-METHYL-, IODIDE
UPDT:8403 MW: 428.45 MOLFM: C20-H33-N2.I
SYN: 4-alpha-CYCLOHEXYLBENZYL-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:87 mg/kg JAPMA8 46,279,57

TM3089800 PIPERAZINIUM, 4-alpha-CYCLOHEXYLBENZYL-1-ISOPROPYL-1-METHYL-, IODIDE
UPDT:8403 MW: 442.48 MOLFM: C21-H35-N2.I
SYN: 4-alpha-CYCLOHEXYLBENZYL-1-ISOPROPYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:143 mg/kg JAPMA8 46,279,57

TM3090000 PIPERAZINIUM, 4-alpha-CYCLOHEXYLBENZYL-1-METHYL-1-PROPYL-, IODIDE
UPDT:8403 MW: 442.48 MOLFM: C21-H35-N2.I
SYN: 4-alpha-CYCLOHEXYLBENZYL-1-METHYL-1-PROPYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:84 mg/kg JAPMA8 46,279,57

TM3152000 PIPERAZINIUM, 4,4'-DECAMETHYLENEBIS(1-BENZYL-1-METHYL-, DICHLORIDE
UPDT:8306 MW: 591.84 MOLFM: C34-H56-N4.2Cl
SYN: 4,4'-DECAMETHYLENEBIS(1-BENZYL-1-METHYLPIPERAZINIUM CHLORIDE) * SD 211-11
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:500 ug/kg COREAF 251,3114,60

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

TM3153200 PIPERAZINIUM, 4,4'-DECAMETHYLENEBIS(1,4-DIETHYL-, DIBROMIDE
UPDT: 8306 MW: 584.68 MOLFM: C26-H56-N4.2Br
SYN: 4,4'-DECAMETHYLENEBIS(1,4-DIETHYLPIPERAZINIUM BROMIDE) * SD 211-23
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:3400 ug/kg COREAF 251,3114,60

TM3153400 PIPERAZINIUM, 4,4'-DECAMETHYLENEBIS(1,1-DIETHYL-, DIIODIDE
UPDT: 8306 MW: 678.66 MOLFM: C26-H56-N4.2I
SYN: 4,4'-DECAMETHYLENEBIS(1,1-DIETHYLPIPERAZINIUM IODIDE) * SD 211-34
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:4500 ug/kg COREAF 251,3114,60

TM3153600 PIPERAZINIUM, 4,4'-DECAMETHYLENEBIS(1,1-DIMETHYL-, DIBROMIDE
UPDT: 8306 MW: 528.56 MOLFM: C22-H48-N4.2Br
SYN: 4,4'-DECAMETHYLENEBIS(1,1-DIMETHYLPIPERAZINIUM BROMIDE) * SD 211-06
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:2100 ug/kg COREAF 251,3114,60

TM3153650 PIPERAZINIUM, 4,4'-DECAMETHYLENEBIS(1,4-DIMETHYL-, DIBROMIDE
UPDT: 8306 MW: 528.56 MOLFM: C22-H48-N4.2Br
SYN: 4,4'-DECAMETHYLENEBIS(1,4-DIMETHYLPIPERAZINIUM BROMIDE) * SD 211-07
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:6100 ug/kg COREAF 251,3114,60

TM3153700 PIPERAZINIUM, 4,4'-DECAMETHYLENEBIS(1,1-DIMETHYL-, DIIODIDE
UPDT: 8306 MW: 622.54 MOLFM: C22-H48-N4.2I
SYN: 4,4'-DECAMETHYLENEBIS(1,1-DIMETHYLPIPERAZINIUM IODIDE) * SD 211-04
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:2700 ug/kg COREAF 251,3114,60

TM3153900 PIPERAZINIUM, 4,4'-DECAMETHYLENEBIS(1-ETHYL-1-METHYL-, DIIODIDE
UPDT: 8306 CAS: 3563-78-8 MW: 650.60 MOLFM: C24-H52-N4.2I
SYN: 4,4'-DECAMETHYLENEBIS(1-ETHYL-1-METHYLPIPERAZINIUM IODIDE) * LD 464 * PIPERAZINIUM, 4,4'-(1,10-DECANEDIYL)BIS(1-ETHYL-1-METHYL-, DIIODIDE (9CI) * SD 211-10
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:2500 ug/kg COREAF 251,3114,60

PIPERAZINIUM, 4,4'-(1,10-DECANEDIYL)BIS(1-ETHYL-1-METHYL-, DIIODIDE (9CI) see: TM3153900
PIPERAZINIUM, 1,1-DIETHYL-4-DIPHENYLMETHYL-, IODIDE see: TM2990800

TM3154300 PIPERAZINIUM, 1,1-DIETHYL-4-(3,3-DIPHENYLPROPIONYL)-, IODIDE
UPDT: 8403 MW: 478.46 MOLFM: C23-H31-N2-O.I
SYN: 1,1-DIETHYL-4-(3,3-DIPHENYLPROPIONYL)PIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:119 mg/kg JAPMA8 46,279,57

PIPERAZINIUM, 1,1-DIETHYL-4-(m-METHYL-alpha-PHENYLBENZYL)-, IODIDE see: TM3154500

TM3154400 PIPERAZINIUM, 1,4-DIETHYL-1-METHYL-4-UNDECYL-, DIIODIDE
UPDT: 8403 MW: 566.46 MOLFM: C20-H44-N2.2I
SYN: 1,4-DIETHYL-1-METHYL-4-UNDECYLPIPERAZINIUM DIIODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:51 mg/kg JAPMA8 46,279,57

TM3154500 PIPERAZINIUM, 1,1-DIETHYL-4-(alpha-m-TOLYLBENZYL)-, IODIDE
UPDT: 8403 MW: 450.45 MOLFM: C22-H31-N2.I
SYN: 1,1-DIETHYL-4-(alpha-m-TOLYLBENZYL)PIPERAZINIUM IODIDE * PIPERAZINIUM, 1,1-DIETHYL-4-(m-METHYL-alpha-PHENYLBENZYL)-, IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:160 mg/kg JAPMA8 46,279,57

TM3154600 PIPERAZINIUM, 1,1-DIETHYL-4-XANTHEN-9-YLCARBONYL-, IODIDE
UPDT: 8403 MW: 478.41 MOLFM: C22-H27-N2-O2.I
SYN: 1,1-DIETHYL-4-XANTHEN-9-YLCARBONYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:136 mg/kg JAPMA8 46,279,57

TM3170000 PIPERAZINIUM, 4,4'-(3,17-DIHYDROXYANDROSTAN-2,16-DIYL)BIS(1,1-DIMETHYL-, DIBROMIDE, DIACETATE
UPDT: 8403 MW: 762.83 MOLFM: C35-H62-N4-O4.2Br
SYN: ARDUAN * 2-beta,16-beta-(4'-DIMETHYL-1'-PIPERAZINO)-3-alpha,17-beta-DIACETOXY-5-alpha-ANDROSTANE 2Br * PIPECURIUM BROMIDE * PIPECURONIUM BROMIDE * RGH-1106
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:450 ug/kg ARZNAD 30,346,80
scu-rat LD50:456 ug/kg ARZNAD 30,346,80
ivn-rat LD50:173 ug/kg ARZNAD 30,346,80
orl-mus LD50:22 ug/kg ARZNAD 30,346,80
ipr-mus LD50:71 ug/kg ARZNAD 30,346,80
scu-mus LD50:61 ug/kg ARZNAD 30,346,80
ivn-mus LD50:30 ug/kg ARZNAD 30,346,80
ims-mus LD50:44 ug/kg ARZNAD 30,346,80
ivn-rbt LD50:10 ug/kg ARZNAD 30,346,80

TM3176000 PIPERAZINIUM, 1,1-DIMETHYL-4-(2-DIPHENYLMETHOXYETHYL)-, IODIDE
UPDT: 8403 MW: 452.42 MOLFM: C21-H29-N2-O.I
SYN: 1,1-DIMETHYL-4-(2-DIPHENYLMETHOXYETHYL)PIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:54 mg/kg JAPMA8 46,279,57

TM3187000 PIPERAZINIUM, 1,1-DIMETHYL-4-(FLUORENYL)-, IODIDE
UPDT: 8403 MW: 406.34 MOLFM: C19-H23-N2.I
SYN: 1,1-DIMETHYL-4-(FLUORENYL)PIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:60 mg/kg JAPMA8 46,279,57

TM3193000 PIPERAZINIUM, 1,1-DIMETHYL-2-(2-HYDROXYETHYL)-, IODIDE, DICYCLOHEXYLACETATE
UPDT: 8403 MW: 492.55 MOLFM: C22-H41-N2-O2.I
SYN: 1,1-DIMETHYL-2-(2-HYDROXYETHYL)PIPERAZINIUM IODIDE DICYCLOHEXYLACETATE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:34 mg/kg JAPMA8 46,279,57

TM3194000 PIPERAZINIUM, 1,1-DIMETHYL-4-(2-HYDROXYETHYL)-, IODIDE, 3,3-DIPHENYLPROPIONATE
UPDT: 8403 MW: 494.46 MOLFM: C23-H31-N2-O2.I
SYN: 1,1-DIMETHYL-4-(2-HYDROXYETHYL)PIPERAZINIUM IODIDE 3,3-DIPHENYLPROPIONATE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:84 mg/kg JAPMA8 46,279,57

TM3195000 PIPERAZINIUM, 1,1-DIMETHYL-4-(2-HYDROXYETHYL)-, IODIDE, 2-PENTYLHEPTANOATE
UPDT: 8403 MW: 468.53 MOLFM: C20-H41-N2-O2.I
SYN: 1,1-DIMETHYL-4-(2-HYDROXYETHYL)PIPERAZINIUM IODIDE 2-PENTYLHEPTANOATE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:64 mg/kg JAPMA8 46,279,57

TM3196000 PIPERAZINIUM, 1,1-DIMETHYL-4-(2-HYDROXYETHYL)-, IODIDE, 1-PHENYLCYCLOHEXANECARBOXYLATE
UPDT: 8403 MW: 472.46 MOLFM: C21-H33-N2-O2.I
SYN: 1,1-DIMETHYL-4-(2-HYDROXYETHYL)PIPERAZINIUM IODIDE 1-PHENYLCYCLOHEXANECARBOXYLATE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:88 mg/kg JAPMA8 46,279,57

TM3355000 PIPERAZINIUM, 1,1-DIMETHYL-4-(1-PHENYLCYCLOHEXYLCARBONYL)-, IODIDE
UPDT: 8403 MW: 428.40 MOLFM: C19-H29-N2-O.I
SYN: 1,1-DIMETHYL-4-(1-PHENYLCYCLOHEXYLCARBONYL)PIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:137 mg/kg JAPMA8 46,279,57

TM3385000 PIPERAZINIUM, 1,1-DIMETHYL-4-PHENYL-, IODIDE
UPDT: 8311 CAS: 54-77-3 MW: 318.23 MOLFM: C12-H19-N2.I
SYN: 1,1-DIMETHYL-4-PHENYLPIPERAZINE IODIDE * 1,1-DIMETHYL-4-PHENYLPIPERAZINIUM IODIDE * DMPP * DMPP IODIDE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:18500 ug/kg AIPTAK 97,186,54
3F05F12J24 ivn-mus LD50:1600 ug/kg EJPHAZ 11,75,70
ims-mus LD50:28 mg/kg JPETAB 103,330,51
ivn-rbt LD50:1 mg/kg JPETAB 103,330,51

TM3390500 PIPERAZINIUM, 1,1-DIMETHYL-4-(2-QUINOLYL)-, IODIDE
UPDT: 8403 MW: 369.28 MOLFM: C15-H20-N3.I
SYN: 1,1-DIMETHYL-4-(2-QUINOLYL)PIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:112 mg/kg JAPMA8 46,279,57

TM3391200 PIPERAZINIUM, 1,1-DIMETHYL-4-(alpha-m-TOLYLBENZYL)-, IODIDE
UPDT: 8403 MW: 422.39 MOLFM: C20-H27-N2.I
SYN: 1,1-DIMETHYL-4-(alpha-m-TOLYLBENZYL)PIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:92 mg/kg JAPMA8 46,279,57

TM3392100 PIPERAZINIUM, 4-DIPHENYLACETYL-1-ETHYL-1-METHYL-, IODIDE
UPDT: 8403 MW: 450.40 MOLFM: C21-H27-N2-O.I
SYN: 4-DIPHENYLACETYL-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:125 mg/kg JAPMA8 46,279,57

TM3392150 PIPERAZINIUM, 1-(3,3-DIPHENYLALLYL)-1,4,4-TRIMETHYL-, DIIODIDE
UPDT: 8403 MW: 576.34 MOLFM: C22-H30-N2.2I
SYN: 1-(3,3-DIPHENYLALLYL)-1,4,4-TRIMETHYLPIPERAZINIUM DIIODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ivn-mus LD50:11700 ug/kg JAPMA8 46,279,57

TM3392200 PIPERAZINIUM, 4-DIPHENYLMETHYL-1,1-DIMETHYL-, CHLORIDE, HYDROCHLORIDE
UPDT: 8403 MW: 353.37 MOLFM: C19-H25-N2.Cl.Cl-H
SYN: 4-DIPHENYLMETHYL-1,1-DIMETHYLPIPERAZINIUM CHLORIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:96 mg/kg JAPMA8 46,279,57

PIPERAZINIUM, 4-DIPHENYLMETHYL-1-ETHYL-1-ISOPROPYL-, IODIDE see: TM2991100
PIPERAZINIUM, 4-DIPHENYLMETHYL-1-ETHYL-1-METHYL-, IODIDE see: TM2991300
PIPERAZINIUM, 4-DIPHENYLMETHYL-1-ETHYL-1-PROPYL-, IODIDE see: TM2991400
PIPERAZINIUM, 4-DIPHENYLMETHYL-1-ISOPROPYL-1-METHYL-, IODIDE see: TM2991600

TM3392250 PIPERAZINIUM, 4-(3,3-DIPHENYLPROPIONYL)-1,1-DIMETHYL-, IODIDE
UPDT: 8403 MW: 450.40 MOLFM: C21-H27-N2-O.I
SYN: 4-(3,3-DIPHENYLPROPIONYL)-1,1-DIMETHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:109 mg/kg JAPMA8 46,279,57

TM3392300 PIPERAZINIUM, 4-(3,3-DIPHENYLPROPIONYL)-1-ETHYL-1-METHYL-, IODIDE
UPDT: 8403 MW: 464.43 MOLFM: C22-H29-N2-O.I
SYN: 4-(3,3-DIPHENYLPROPIONYL)-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:84 mg/kg JAPMA8 46,279,57

TM3392350 PIPERAZINIUM, 4-(3,3-DIPHENYLPROPIONYL)-1-ISOPROPYL-1-METHYL-, IODIDE
UPDT: 8403 MW: 478.46 MOLFM: C23-H31-N2-O.I
SYN: 4-(3,3-DIPHENYLPROPIONYL)-1-ISOPROPYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:80 mg/kg JAPMA8 46,279,57

TM3392400 PIPERAZINIUM, 1-DODECYL-1-METHYL-, CHLORIDE, HYDROCHLORIDE
UPDT: 8403 MW: 341.47 MOLFM: C17-H37-N2.Cl.Cl-H
SYN: 1-DODECYL-1-METHYLPIPERAZINIUM CHLORIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 orl-mus LD50:750 mg/kg JAPMA8 46,279,57

TM3392450 PIPERAZINIUM, 4-(m-ETHOXY-alpha-PHENYLBENZYL)-1-ETHYL-1-METHYL-, IODIDE
UPDT: 8403 MW: 466.45 MOLFM: C22-H31-N2-O.I
SYN: 4-(m-ETHOXY-alpha-PHENYLBENZYL)-1-ETHYL-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:50 mg/kg JAPMA8 46,279,57

TM3393600 PIPERAZINIUM, 1,1'-ETHYLENEBIS(4-(3-CHLORO-2-HYDROXYPROPYL)-1-METHYL-, DICHLORIDE, DIHYDROCHLORIDE
UPDT: 8403 MW: 557.32 MOLFM: C18-H38-Cl2-N4-O2.2Cl.2Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD95:550 mg/kg PCJOAU 10,171,76

TM3393700 PIPERAZINIUM, 4,4'-ETHYLENEBIS(1,1-DIMETHYL-, DIIODIDE
UPDT: 8403 MW: 510.30 MOLFM: C14-H32-N4.2I
SYN: 4,4'-ETHYLENEBIS(1,1-DIMETHYLPIPERAZINIUM IODIDE) * 116 HC
TOXICITY DATA AND REFERENCES:
3C08J22J30 scu-mus LD50:300 mg/kg THERAP 9,314,54

TM3393800 PIPERAZINIUM, 1-ETHYL-4-(alpha-2-HYDROXYCYCLOHEXYLBENZYL)-1-METHYL-, IODIDE
UPDT: 8403 MW: 444.45 MOLFM: C20-H33-N2-O.I
SYN: 1-ETHYL-4-(alpha-2-HYDROXYCYCLOHEXYLBENZYL)-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:67 mg/kg JAPMA8 46,279,57

TM3393900 PIPERAZINIUM, 1-ETHYL-4-(2-HYDROXYETHYL)-1-METHYL-, IODIDE, 3,3-DIPHENYLPROPIONATE
UPDT: 8403 MW: 508.49 MOLFM: C24-H33-N2-O2.I
SYN: 1-ETHYL-4-(2-HYDROXYETHYL)-1-METHYLPIPERAZINIUM IODIDE 3,3-DIPHENYLPROPIONATE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:79 mg/kg JAPMA8 46,279,57

TM3394100 PIPERAZINIUM, 1-ETHYL-4-(o-METHOXY-alpha-PHENYLBENZYL)-1-METHYL-, IODIDE
UPDT: 8403 MW: 452.42 MOLFM: C21-H29-N2-O.I
SYN: 1-ETHYL-4-(o-METHOXY-alpha-PHENYLBENZYL)-1-METHYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:72 mg/kg JAPMA8 46,279,57

TM3394300 PIPERAZINIUM, 1-(3-(2-ETHYL-2-METHYLHEXANOYLOXY)PROPYL)-1,4,4-TRIMETHYL-, DIIODIDE
UPDT: 8403 CAS: 33537-39-2 MW: 582.41 MOLFM: C19-H40-N2-O2.2I
SYN: 1-(2-ETHYL-2-METHYLHEXANOYLOXYPROPYL)-1,4,4-TRIMETHYLPIPERAZIUM DIIODIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:20 mg/kg CHTPBA 5,318,70

PIPERAZINIUM, 1-ETHYL-1-METHYL-4-(m-METHYL-alpha-PHENYLBENZYL)-, IODIDE see: TM3394800

TM3394400 PIPERAZINIUM, 1-ETHYL-1-METHYL-4-alpha-(1-NAPHTHYLBENZYL)-, IODIDE
UPDT: 8403 MW: 472.45 MOLFM: C24-H29-N2.I
SYN: 1-ETHYL-1-METHYL-4-alpha-(1-NAPHTHYLBENZYL)PIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:48 mg/kg JAPMA8 46,279,57

TM3394500 PIPERAZINIUM, 1-ETHYL-1-METHYL-4-(2-NAPHTHYLMETHYL)-, IODIDE
UPDT: 8403 MW: 396.35 MOLFM: C18-H25-N2.I
SYN: 1-ETHYL-1-METHYL-4-(2-NAPHTHYLMETHYL)PIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:77 mg/kg JAPMA8 46,279,57

TM3394600 PIPERAZINIUM, 1-ETHYL-1-METHYL-4-(p-NITRO-alpha-PHENYLBENZYL)-, IODIDE
UPDT:8403 MW: 467.39 MOLFM: C20-H26-N3-O2 .I
SYN: 1-ETHYL-1-METHYL-4-(p-NITRO-alpha-PHENYLBENZYL)PIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:41 mg/kg JAPMA8 46,279,57

TM3394700 PIPERAZINIUM, 1-ETHYL-1-METHYL-4-(1-PHENYLCYCLOHEXYLCARBONYL)-, IODIDE
UPDT:8403 MW: 442.43 MOLFM: C20-H31-N2-O .I
SYN: 1-ETHYL-1-METHYL-4-(1-PHENYLCYCLOHEXYLCARBONYL)PIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:162 mg/kg JAPMA8 46,279,57

TM3394800 PIPERAZINIUM, 1-ETHYL-1-METHYL-4-(alpha-m-TOLYLBENZYL)-, IODIDE
UPDT:8403 MW: 436.42 MOLFM: C21-H29-N2 .I
SYN: 1-ETHYL-1-METHYL-4-(alpha-m-TOLYLBENZYL)PIPERAZINIUM IODIDE * PIPERAZINIUM, 1-ETHYL-1-METHYL-4-(m-METHYL-alpha-PHENYLBENZYL)-, IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:77 mg/kg JAPMA8 46,279,57

TM3395070 PIPERAZINIUM, 1-ETHYL-1-METHYL-4-(2-(TRIETHYLAMINNONIO)ETHYL)-, DIIODIDE
UPDT:8305 MW: 511.33 MOLFM: C15-H35-N3 .2I
SYN: 1-ETHYL-1-METHYL-4-(2-(TRIETHYLAMMONIO)ETHYL)PIPERAZINIUM DIIODIDE * 102 HC
TOXICITY DATA AND REFERENCES:
3C08J22J30 scu-mus LD50:120 mg/kg THERAP 9,314,54

TM3395100 PIPERAZINIUM, 1,1'-HEXADECAMETHYLENEBIS(1,4-DIETHYL-, DIBROMIDE
UPDT:8308 MW: 668.86 MOLFM: C32-H68-N4 .2Br
SYN: 1,1'-HEXADECAMETHYLENEBIS(1,4-DIETHYLPIPERAZINIUM BROMIDE) * SD 211-42
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1500 ug/kg COREAF 251,3114,60

TM3395130 PIPERAZINIUM, 4,4'-HEXADECAMETHYLENEBIS(1,1-DIMETHYL-, DIIODIDE
UPDT:8308 MW: 706.72 MOLFM: C28-H60-N4 .2I
SYN: 4,4'-HEXADECAMETHYLENEBIS(1,1-DIMETHYLPIPERAZINIUM IODIDE) * SD 211-40
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:700 ug/kg COREAF 251,3114,60

TM3395150 PIPERAZINIUM, 4,4'-HEXADECAMETHYLENEBIS(1-ETHYL-1-METHYL-, DIIODIDE
UPDT:8308 MW: 734.78 MOLFM: C30-H64-N4 .2I
SYN: 4,4'-HEXADECAMETHYLENEBIS(1-ETHYL-1-METHYLPIPERAZINIUM IODIDE) * SD 211-41
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:700 ug/kg COREAF 251,3114,60

TM3395700 PIPERAZINIUM, 4,4'-HEXAMETHYLENEBIS(1,1-DIMETHYL-, DIIODIDE
UPDT:8308 MW: 566.42 MOLFM: C18-H40-N4 .2I
SYN: 4,4'-HEXAMETHYLENEBIS(1,1-DIMETHYLPIPERAZINIUM IODIDE) * SD 211-05
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:10 mg/kg COREAF 251,3114,60

TM3395800 PIPERAZINIUM, 4-(alpha-2-HYDROXYCYCLOHEXYLBENZYL)-1-METHYL-1-PROPYL-, IODIDE
UPDT:8403 MW: 458.48 MOLFM: C21-H35-N2-O .I
SYN: 4-(alpha-2-HYDROXYCYCLOHEXYLBENZYL)-1-METHYL-1-PROPYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:68 mg/kg JAPMA8 46,279,57

PIPERAZINIUM, 1-ISOPROPYL-1-METHYL-4-(m-METHYL-alpha-PHENYLBENZYL)-, IODIDE see: TM3396200

TM3396100 PIPERAZINIUM, 1-ISOPROPYL-1-METHYL-4-(1-PHENYLCYCLOHEXYLCARBONYL)-, IODIDE
UPDT:8403 MW: 456.46 MOLFM: C21-H33-N2-O .I
SYN: 1-ISOPROPYL-1-METHYL-4-(1-PHENYLCYCLOHEXYLCARBONYL)PIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:100 mg/kg JAPMA8 46,279,57

TM3396200 PIPERAZINIUM, 1-ISOPROPYL-1-METHYL-4-(alpha-m-TOLYLBENZYL)-, IODIDE
UPDT:8403 MW: 450.45 MOLFM: C22-H31-N2 .I
SYN: 1-ISOPROPYL-1-METHYL-4-(alpha-m-TOLYLBENZYL)PIPERAZINIUM IODIDE * PIPERAZINIUM, 1-ISOPROPYL-1-METHYL-4-(m-METHYL-alpha-PHENYLBENZYL)-, IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:92 mg/kg JAPMA8 46,279,57

TM3396300 PIPERAZINIUM, 1-ISOPROPYL-1-METHYL-4-XANTHEN-9-YLCARBONYL-, CHLORIDE
UPDT:8403 MW: 386.96 MOLFM: C22-H27-N2-O2 .Cl
SYN: 1-ISOPROPYL-1-METHYL-4-XANTHEN-9-YLCARBONYLPIPERAZINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:1220 mg/kg JAPMA8 46,279,57

TM3396400 PIPERAZINIUM, 1-ISOPROPYL-1-METHYL-4-XANTHEN-9-YLCARBONYL-, IODIDE
UPDT:8403 MW: 478.41 MOLFM: C22-H27-N2-O2 .I
SYN: 1-ISOPROPYL-1-METHYL-4-XANTHEN-9-YLCARBONYLPIPERAZINIUM IODIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:120 mg/kg JAPMA8 46,279,57

TM3399200 PIPERAZINIUM, 1,1'-OXYBIS(DIMETHYLSILYLENE)BIS(TRIMETHYLENE)BIS(1,4,4-TRIMETHYL-, TETRAIODIDE
UPDT:8312 MW: 982.64 MOLFM: C24-H58-N4-O-Si2 .4I
SYN: 1,1'-OXYBIS(DIMETHYLSILYLENE)BIS(TRIMETHYLENE)BIS(1,4,4-TRIMETHYLPIPERAZINIUM TETRAIODIDE
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:3460 ug/kg PCJOAU 16,761,82

TM3404000 PIPERAZINIUM, 1,1,4,4-TETRAMETHYL-, DIBROMIDE
UPDT:8305 MW: 304.12 MOLFM: C8-H20-N2 .2Br
SYN: 93 HC * 1,1,4,4-TETRAMETHYLPIPERAZINIUM DIBROMIDE
TOXICITY DATA AND REFERENCES:
3C08J22J30 scu-mus LD50:1200 mg/kg THERAP 9,314,54

TM3407960 2-PIPERAZINONE, 1-((4,4-DIMETHYL-4H-1,3-BENZOTHIAZIN-2-YL)METHYL) 3-PHENYL-, OXALATE
UPDT:8305 MW: 455.57 MOLFM: C21-H23-N3-O-S .C2-H2-O4
SYN: 1-((4,4-DIMETHYL-4H-1,3-BENZOTHIAZIN-2-YL)METHYL)-3-PHENYL-2-PIPERAZINONE OXALATE * 2-(2-OXO-3-PHENYLPIPERAZINO)METHYL-4,4-DIMETHYL-4H-1,3-BENZOTHIAZINE OXALATE
TOXICITY DATA AND REFERENCES:
2A11F17 ipr-mus LD50:300 mg/kg RPTOAN 45,64,82

11-((1-PIPERAZINYL)ACETYL)-5,11-DIHYDRO-6H-PYRIDO(2,3-b)(1,4)BENZODIAZEPIN-6-ONE 1-OXIDE see: UU7884000

2-(1-PIPERAZINYLMETHYL)HEXAHYDRO-1-INDANONE HYDROCHLORIDE see: NK7537300

2-(1-PIPERAZINYLMETHYL)-4,5,6,7-TETRAHYDRO-1-INDANONE HYDROCHLORIDE see: NK7539400

1-(1-PIPERAZINYL)-2,2,2-TRIFLUORO-1-(TRIFLUOROMETHYL)ETHANOL HYDRATE see: KM2585000

TM3412000 PIPER CLARKII C. DC., extract
DEF:Indian plant belonging to the family PIPERACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: FATE-LORU EXTRACT
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:75 mg/kg IJEBA6 12,512,74

TM3412050 PIPER CLARKII C. DC., fruit extract
DEF:Indian plant belonging to the family PIPERACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: FATE-LORU FRUIT EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg IJEBA6 12,512,74

TM3413000 PIPER HOOKERI Miq., extract excluding roots
DEF:Indian plant belonging to the family PIPERACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2H02M10 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

PIPERIDIC ACID see: ES6300000

PIPERIDIN (German) see: TM3500000

TM3500000 PIPERIDINE
UPDT:8412 CAS: 110-89-4 MW: 85.17 MOLFM: C5-H11-N
SYN: AZACYCLOHEXANE * CYCLOPENTIMINE * CYPENTIL * HEXAHYDROPYRIDINE * HEXAZANE * PENTAMETHYLENEIMINE * PENTAMETHYLENIMINE * PIPERIDIN (German) * PIPERIDINE (DOT) * PYRIDINE, HEXAHYDRO- * UN 2401 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 100 ug/24H open AIHAAP 23,95,62
MUTATION DATA AND REFERENCES:
mmo-sat 32 ug/plate JEPTDQ 4(2-3),345,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 ihl-rat TCLo:3 mg/m3/24H (4D preg) TPKVAL 14,40,75
1T26 ihl-rat TCLo:100 mg/m3/24H (4D preg) TPKVAL 14,40,75
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:950 mg/kg/8W-I CNREA8 33,3069,73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:400 mg/kg GTPZAB 18(2),29,74
* ihl-rat LCLo:4000 ppm/4H AIHAAP 23,95,62
* orl-mus LD50:30 mg/kg TPKVAL 15,116,79
* ihl-mus LC50:6000 mg/m3/2H TPKVAL 15,116,79
* ipr-mus LD50:50 mg/kg JEPTDQ 4(2-3),345,80
scu-mus LDLo:460 mg/kg AEXPBL 50,199,1903
* orl-rbt LD50:145 mg/kg BSGMAT ,100,82
skn-rbt LD50:320 mg/kg AIHAAP 23,95,62
scu-rbt LDLo:500 mg/kg BDCGAS 34,2408,01
scu-frg LDLo:700 mg/kg AEXPBL 50,199,1903
* orl-mam LD50:22400 ug/kg TPKVAL 14,90,75
* ihl-mam LD50:6500 mg/m3 TPKVAL 14,90,75
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172,102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

delta(sup 3)-PIPERIDINE see: UT8226000

TM3505080 1-PIPERIDINEACETAMIDE, N-BENZYL-alpha-PHENYL-, MONOHYDROCHLORIDE
UPDT:8303 CAS: 33887-10-4 MW: 344.92 MOLFM: C20-H24-N2-O .Cl-H
SYN: N-BENZYL-2-PHENYL-2-PIPERIDINOACETAMIDE HYDROCHLORIDE * 1-PIPERIDINEACETAMIDE, alpha-PHENYL-N-(PHENYLMETHYL)-, MONOHYDROCHLORIDE (9CI)
TOXICITY DATA AND REFERENCES:
3F01J22J25 ivn-mus LD50:9590 ug/kg IJPAAO 33,86,71

TM3505090 1-PIPERIDINEACETAMIDE, N-(8-BUTOXY-5-QUINOLYL)-, DIHYDROCHLORIDE
UPDT:8303 CAS: 19655-39-1 MW: 414.42 MOLFM: C20-H27-N3-O2 .2Cl-H
SYN: N-(8-BUTOXY-5-QUINOLYL)-1-PIPERIDINEACETAMIDE DIHYDROCHLORIDE * T 1143
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:170 mg/kg APFRAD 25,487,67

TM3505110 1-PIPERIDINEACETAMIDE, N-(p-CHLOROBENZYL)-alpha-PHENYL-, MONOHYDROCHLORIDE
UPDT:8303 CAS: 35346-73-7 MW: 379.36 MOLFM: C20-H23-Cl-N2-O .Cl-H
SYN: N-(p-CHLOROBENZYL)-alpha-PHENYL-1-PIPERIDINEACETAMIDE HYDROCHLORIDE * 1-PIPERIDINEACETAMIDE, N-((4-CHLOROPHENYL)METHYL)-alpha-PHENYL-, MONOHYDROCHLORIDE (9CI)
TOXICITY DATA AND REFERENCES:
3F01J22J25 ivn-mus LD50:22960 ug/kg IJPAAO 33,86,71

1-PIPERIDINEACETAMIDE, N-(((3-CHLOROPHENYL)AMINO)CARBONYL)-4-HYDROXY-4-PHENYL- (9CI) see: YS6411000

1-PIPERIDINEACETAMIDE, N-(((4-CHLOROPHENYL)AMINO)CARBONYL)-4-HYDROXY-4-PHENYL- see: YS6412000

1-PIPERIDINEACETAMIDE, N-((4-CHLOROPHENYL)METHYL)-alpha-PHENYL-, MONOHYDROCHLORIDE (9CI) see: TM3505110

TM3507610 1-PIPERIDINEACETAMIDE, N-(3,4-DIMETHYL-5-ISOXAZOLYL)-
UPDT:8412 MW: 237.34 MOLFM: C12-H19-N3-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg YKKZAJ 82,474,62

TM3507620 1-PIPERIDINEACETAMIDE, N-(3,4-DIMETHYL-5-ISOXAZOLYL)-alpha-ETHYL-
UPDT:8412 MW: 265.40 MOLFM: C14-H23-N3-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:349 mg/kg YKKZAJ 82,474,62

TM3507630 1-PIPERIDINEACETAMIDE, N-(3,4-DIMETHYL-5-ISOXAZOLYL)-alpha-ISOPROPYL-
UPDT:8412 MW: 279.43 MOLFM: C15-H25-N3-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:350 mg/kg YKKZAJ 82,474,62

TM3507640 1-PIPERIDINEACETAMIDE, N-(3,4-DIMETHYL-5-ISOXAZOLYL)-alpha-METHYL-, PICRATE
UPDT:8412 MW: 480.49 MOLFM: C13-H21-N3-O2 .C6-H3-N3-O7
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:360 mg/kg YKKZAJ 82,474,62

1-PIPERIDINEACETAMIDE, N-(((2,4-DIMETHYLPHENYL)AMINO)CARBONYL)-4-HYDROXY-4-PHENYL (9CI) see: YT1459000

1-PIPERIDINEACETAMIDE, N-(((2,6-DIMETHYLPHENYL)AMINO)CARBONYL)-4-HYDROXY-4-PHENYL- (9CI) see: YT1459050

TM3508110 1-PIPERIDINEACETAMIDE, N-(8-ETHOXY-5-QUINOLYL)-, DIHYDROCHLORIDE
UPDT:8303 CAS: 19655-37-9 MW: 386.36 MOLFM: C18-H23-N3-O2 .2Cl-H
SYN: N-(8-ETHOXY-5-QUINOLYL)-1-PIPERIDINEACETAMIDE DIHYDROCHLORIDE * T 1140
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:170 mg/kg APFRAD 25,487,67

1-PIPERIDINEACETAMIDE, 4-HYDROXY-N-(((3-METHOXYPHENYL)AMINO)CARBONYL)-4-PHENYL- (9CI) see: YT5120000

1-PIPERIDINEACETAMIDE, 4-HYDROXY-N-(((2-METHYLPHENYL)AMINO)CARBONYL)-4-PHENYL- (9CI) see: YT5140000

TM3508550 1-PIPERIDINEACETAMIDE, N-(3-METHYL-5-ISOTHIAZOLYL)-
UPDT:8408 MW: 239.37 MOLFM: C11-H17-N3-O-S
SYN: N-(3-METHYL-5-ISOTHIAZOLYL)-1-PIPERIDINEACETAMIDE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:420 mg/kg YKKZAJ 83,195,63

TM3508570 1-PIPERIDINEACETAMIDE, N-(3-METHYL-5-ISOXAZOLYL)-
UPDT:8408 MW: 223.31 MOLFM: C11-H17-N3-O2
SYN: N-(3-METHYL-5-ISOXAZOLYL)-1-PIPERIDINEACETAMIDE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:253 mg/kg YKKZAJ 83,198,63

TM3508650 1-PIPERIDINEACETAMIDE, alpha-METHYL-N-(3-METHYL-5-ISOTHIAZOLYL)-
UPDT:8408 MW: 253.40 MOLFM: C12-H19-N3-O-S

SYN: alpha-METHYL-N-(3-METHYL-5-ISOTHIAZOLYL)-1-PIPERIDINEACETAMIDE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:275 mg/kg YKKZAJ 83,195,63

TM3508670 1-PIPERIDINEACETAMIDE, alpha-METHYL-N-(3-METHYL-5-ISOXAZOLYL)-
UPDT:8408 MW: 237.34 MOLFM: C12-H19-N3-O2
SYN: alpha-METHYL-N-(3-METHYL-5-ISOXAZOLYL)-1-PIPERIDINEACETAMIDE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:200 mg/kg YKKZAJ 83,198,63

TM3508750 1-PIPERIDINEACETAMIDE, N-(4-((4-NITROPHENYL)THIO)PHENYL)-
UPDT:8311 CAS: 66649-55-6 MW: 371.45 MOLFM: C19-H21-N3-O3-S
SYN: N-(4-((4-NITROPHENYL)THIO)PHENYL)-1-PIPERIDINEACETAMIDE * (PIPERIDINOACETYLAMINO-4' PHENYLTHIO)-4 NITROBENZENE (French)
TOXICITY DATA AND REFERENCES:
3A11F07V55 ipr-mus LD50:2000 mg/kg EJMCA5 13,93,78
3A11F07V55 scu-mus LD50:2000 mg/kg EJMCA5 13,93,78

1-PIPERIDINEACETAMIDE, alpha-PHENYL-N-(PHENYLMETHYL)-, MONOHYDROCHLORIDE (9CI) see TM3505080

TM3517000 1-PIPERIDINEACETAMIDE, N,N'-(THIODI-4,1-PHENYLENE)BIS-
UPDT:8311 CAS: 66603-25-6 MW: 466.70 MOLFM: C26-H34-N4-O2-S
SYN: (DIPIPERIDINOACETYL)-AMINO-4,4' PHENYLTHIOBENZENE (French) * N,N'-(THIODI-4,1-PHENYLENE)BIS(1-PIPERIDINEACETAMIDE)
TOXICITY DATA AND REFERENCES:
3A11F07V55 ipr-mus LD50:2000 mg/kg EJMCA5 13,93,78
3A11F07V55 scu-mus LD50:2050 mg/kg EJMCA5 13,93,78

TM3518000 1-PIPERIDINEACETANILIDE, 4'-(BUTYLCARBAMOYL)-alpha-METHYL-
UPDT:8408 MW: 331.51 MOLFM: C19-H29-N3-O2
SYN: 4'-(BUTYLCARBAMOYL)-alpha-METHYL-1-PIPERIDINEACETANILIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:350 mg/kg YKKZAJ 82,783,62

TM3520000 1-PIPERIDINEACETANILIDE, 4'-((3,4-DIMETHYL-5-ISOXAZOLYL)CARBAMOYL)-alpha-METHYL-
UPDT:8412 MW: 370.50 MOLFM: C20-H26-N4-O3
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg YKKZAJ 82,474,62

TM3530000 1-PIPERIDINEACETANILIDE, N-(2,2-DIMETHYLTETRAHYDRO-2H-THIOPYRAN-4-YL)-
UPDT:8311 MW: 346.58 MOLFM: C20-H30-N2-O-S
SYN: N-(2,2-DIMETHYLTETRAHYDRO-2H-THIOPYRAN-4-YL)-1-PIPERIDINEACETANILIDE
TOXICITY DATA AND REFERENCES:
1F01 ipr-mus LD50:290 mg/kg BPTOAN 44,109,61

TM3535000 1-PIPERIDINEACETANILIDE, 2,2',4,4',6,6'-HEXAMETHYL-
UPDT:8309 MW: 300.49 MOLFM: C19-H28-N2-O
SYN: 2,2',4,4',6,6'-HEXAMETHYL-1-PIPERIDINEACETANILIDE * S 388
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:940 mg/kg JPMSAE 50,161,61

TM3536000 1-PIPERIDINEACETANILIDE, 2,2',4',6,6'-PENTAMETHYL-
UPDT:8309 MW: 288.48 MOLFM: C18-H28-N2-O
SYN: 2,2',4',6,6'-PENTAMETHYL-1-PIPERIDINEACETANILIDE * S 383
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:480 mg/kg JPMSAE 50,161,61

TM3537000 1-PIPERIDINEACETANILIDE, 2,2',4',6'-TETRAMETHYL-
UPDT:8309 MW: 274.45 MOLFM: C17-H26-N2-O
SYN: S 375 * 2,2',4',6'-TETRAMETHYL-1-PIPERIDINEACETANILIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:240 mg/kg JPMSAE 50,161,61

TM3538000 1-PIPERIDINEACETANILIDE, 2',3,4',6'-TETRAMETHYL
UPDT:8309 MW: 274.45 MOLFM: C17-H26-N2-O
SYN: S 376 * 2',3,4',6'-TETRAMETHYL-1-PIPERIDINEACETANILIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:580 mg/kg JPMSAE 50,161,61

TM3539000 1-PIPERIDINEACETANILIDE, 2',4,4',6'-TETRAMETHYL-
UPDT:8309 MW: 274.45 MOLFM: C17-H26-N2-O
SYN: S 377 * 2',4,4',6'-TETRAMETHYL-1-PIPERIDINEACETANILIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:570 mg/kg JPMSAE 50,161,61

TM3541000 4-PIPERIDINEACETIC ACID 1-(1,4-BENZODIOXAN-2-YLMETHYL)-4-HYDROXY-alpha-PHENYL-, METHYL ESTER, HYDROCHLORIDE
UPDT:8309 MW: 433.97 MOLFM: C23-H27-N-O5 Cl-H
SYN: 1-(BENZO-1,4-DIOXAN-2-YLMETHYL)-4-HYDROXY-4-(alpha-METHOXYCARBONYLBENZYL)PIPERIDINE HCl
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:18 mg/kg CSLNX* NX#11711

TM3542000 4-PIPERIDINEACETIC ACID, 1-BENZYL-4-HYDROXY-alpha-PHENYL-, METHYL ESTER
UPDT:8309 MW: 339.47 MOLFM: C21-H25-N-O3
SYN: 1-BENZYL-4-(alpha-METHOXYCARBONYLBENZYL)-4-HYDROXYPIPERIDINE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:18 mg/kg CSLNX* NX#11701

TM3543000 1-PIPERIDINEACETIC ACID, DECYL ESTER, HYDROCHLORIDE
UPDT:8309 CAS: 62988-58-3 MW: 319.97 MOLFM: C17-H33-N-O2 Cl-H
SYN: DECYL 1-PIPERIDINEACETATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:218 mg/kg BPTOAN 40,69,77
* ipr-mus LD50:218 mg/kg BPTOAN 40,69,77

TM3544000 1-PIPERIDINEACETIC ACID, 2,6-DIETHYLPHENYL ESTER, HYDROCHLORIDE
UPDT:8309 CAS: 1877-49-2 MW: 311.89 MOLFM: C17-H25-N-O2 Cl-H
SYN: 2,6-DIETHYLPHENYL ESTER of 1-PIPERIDINEACETIC ACID HYDROCHLORIDE * FC 640
IRRITATION DATA AND REFERENCES:
skn-rbt 200 mg MLD BCFAAI 107,310,68
eye-rbt 1 gm MLD BCFAAI 107,310,68

TM3545000 1-PIPERIDINEACETIC ACID, 2,6-DIISOPROPYLPHENYL ESTER, HYDROCHLORIDE
UPDT:8309 CAS: 1877-27-6 MW: 339.95 MOLFM: C19-H29-N-O2 Cl-H
SYN: 2,6-DIISOPROPYLPHENYL ESTER of 1-PIPERIDINEACETIC ACID HYDROCHLORIDE * FC 670
IRRITATION DATA AND REFERENCES:
skn-rbt 200 mg MLD BCFAAI 107,310,68
eye-rbt 1 gm MLD BCFAAI 107,310,68

TM3546000 1-PIPERIDINEACETIC ACID, alpha-ESTER with 2,2-DICHLORO-N-(beta-HYDROXY-alpha-(HYDROXYMETHYL)-p-NITROPHENETHYL)ACETAMIDE
UPDT:8309 MW: 448.34 MOLFM: C18-H23-Cl2-N3-O6
SYN: CHLORAMPHENICOL 1-PIPERIDINEACETATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3900 mg/kg BCFAAI 100,670,61
* ivn-mus LD50:148 mg/kg BCFAAI 100,670,61

TM3547000 1-PIPERIDINEACETIC ACID, alpha-ETHYL-, 2,6-XYLYL ESTER, HYDROCHLORIDE
UPDT:8309 CAS: 1877-25-4 MW: 311.89 MOLFM: C17-H25-N-O2 Cl-H
SYN: alpha-ETHYL-1-PIPERIDINEACETIC ACID 2,6-XYLYL ESTER HYDROCHLORIDE * FC 442
IRRITATION DATA AND REFERENCES:
skn-rbt 200 mg MLD BCFAAI 107,310,68
eye-rbt 1 gm MLD BCFAAI 107,310,68

TM3550000 4-PIPERIDINEACETIC ACID, 4-HYDROXY-1-METHYL-, DIPHENYLMETHYL ESTER
UPDT:8309 MW: 339.47 MOLFM: C21-H25-N-O3
SYN: DIPHENYLMETHYL 4-HYDROXY-1-METHYL-4-PIPERIDINEACETATE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:42 mg/kg CSLNX* NX#11723

TM3555000 1-PIPERIDINEACETIC ACID, MESITYL ESTER, HYDROCHLORIDE
UPDT:8309 CAS: 2014-33-7 MW: 297.86 MOLFM: C16-H23-N-O2 Cl-H
SYN: FC 659 * MESITYL ESTER of 1-PIPERIDINEACETIC ACID HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 200 mg MOD BCFAAI 107,310,68
eye-rbt 1 gm MOD BCFAAI 107,310,68
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:2000 mg/kg BCFAAI 107,310,68

TM3559000 PIPERIDINEACETIC ACID, 3-METHYL-1-PENTYN-3-YL ESTER
UPDT:8309 MW: 223.35 MOLFM: C13-H21-N-O2
SYN: 3-METHYL-1-PENTYN-3-YL PIPERIDINEACETATE * 1-PENTYN-3-OL, 3-METHYL-, PIPERIDINEACETATE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1575 mg/kg ARZNAD 7,85,57

TM3562000 PIPERIDINEACETIC ACID, 3-METHYL-1-PENTYN-3-YL ESTER, HYDROCHLORIDE
UPDT:8309 MW: 259.81 MOLFM: C13-H21-N-O2 Cl-H
SYN: 3-METHYL-1-PENTYN-3-YL PIPERIDINEACETATE HYDROCHLORIDE * 1-PENTYN-3-OL, 3-METHYL-, PIPERIDINEACETATE, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1300 mg/kg ARZNAD 7,85,57

TM3565000 1-PIPERIDINEACETIC ACID, alpha-METHYL-, 2,6-XYLYL ESTER, HYDROCHLORIDE
UPDT:8309 CAS: 2014-28-0 MW: 297.86 MOLFM: C16-H23-N-O2 Cl-H
SYN: FC 451 * alpha-METHYL-1-PIPERIDINEACETIC ACID 2,6-XYLYL ESTER HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 200 mg MLD BCFAAI 107,310,68
eye-rbt 1 gm MLD BCFAAI 107,310,68

TM3569000 1-PIPERIDINEACETIC ACID, (2-OXO-3-INDOLINYLIDENE)HYDRAZIDE, HYDROCHLORIDE, (Z)-
UPDT:8312 MW: 322.83 MOLFM: C15-H18-N4-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg FRPSAX 38,559,83

TM3572000 1-PIPERIDINEACETIC ACID, PHENACYLIDENEHYDRAZIDE, HYDROCHLORIDE
UPDT:8309 MW: 309.83 MOLFM: C15-H19-N3-O2 Cl-H
SYN: GLYOXAL, PHENYL-, (1-PIPERIDINYLACETYL)HYDRAZONE, HYDROCHLORIDE * PHENACYLIDENEHYDRAZIDE of 1-PIPERIDINEACETIC ACID HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg JMCMAR 9,617,66

TM3575000 1-PIPERIDINEACETIC ACID, (p-PHENOXYPHENACYLIDENE)HYDRAZIDE, HYDROCHLORIDE
UPDT:8309 MW: 401.93 MOLFM: C21-H23-N3-O3 Cl-H
SYN: GLYOXAL, (p-(PHENOXY)PHENYL)-, (1-PIPERIDINYLACETYL)HYDRAZONE, HYDROCHLORIDE * (p-PHENOXYPHENACYLIDENE)HYDRAZIDE of 1-PIPERIDINEACETIC ACID HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg JMCMAR 9,617,66

TM3577000 PIPERIDINEACETIC ACID, alpha-PHENYL-, 1-BROMO-3-METHYL-1-PENTYN-3-YL ESTER
UPDT:8309 MW: 378.35 MOLFM: C19-H24-Br-N-O2
SYN: alpha-PHENYLPIPERIDINEACETIC ACID, 1-BROMO-3-METHYL-1-PENTYN-3-YL ESTER
TOXICITY DATA AND REFERENCES:
orl-mus LD50:2400 mg/kg ARZNAD 7,85,57

TM3580000 PIPERIDINEACETIC ACID, alpha-PHENYL-, 1-BROMO-3-METHYL-1-PENTYN-3-YL ESTER, HYDROCHLORIDE
UPDT:8309 MW: 414.81 MOLFM: C19-H24-Br-N-O2 Cl-H
SYN: 1-BROMO-3-METHYL-1-PENTYN-3-YL alpha-PHENYLPIPERIDINEACETATE HYDROCHLORIDE * alpha-PHENYLPIPERIDINEACETIC ACID, 1-BROMO-3-METHYL-1-PENTYN-3-YL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1800 mg/kg ARZNAD 7,85,57

TM3590000 1-PIPERIDINEACETIC ACID, alpha-PHENYL-, 2-(2-DIETHYLAMINOETHOXY)ETHYL ESTER, DIHYDROCHLORIDE
UPDT:8303 MW: 435.49 MOLFM: C21-H34-N2-O3 2Cl-H
SYN: alpha-PHENYL-1-PIPERIDINEACETIC ACID 2-(2-DIETHYLAMINOETHOXY)ETHYL ESTER DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2C08J30 ivn-mus LD50:57 mg/kg AIPTAK 125,121,60

TM3675000 2-PIPERIDINEACETIC ACID, alpha-PHENYL-, METHYL ESTER
UPDT:8307 CAS: 113-45-1 MW: 233.34 MOLFM: C14-H19-N-O2
SYN: 4311/B CIBA * CALOCAIN * CENTEDEIN * CENTREDIN * MERIDIL * METHYLPHENIDAN * METHYL PHENIDATE * METHYL PHENIDYL ACETATE * METHYL alpha-PHENYL-alpha-(2-PIPERIDYL)ACETATE * NCI-C56280 * PHENIDYLATE * alpha-PHENYL-2-PIPERIDINEACETIC ACID METHYL ESTER * PLIMASINE * RITALIN * RITALINE * RITCHER WORKS
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:430 mg/kg APTOA6 17,121,60
orl-mus LD50:190 mg/kg JPETAB 131,115,61
1F03 ipr-mus LD50:41 mg/kg BCPCA6 8,263,61
scu-mus LD50:218 mg/kg AIPTAK 184,34,70
1F03 ivn-mus LD50:41 mg/kg BCPCA6 8,263,61

TM3850000 2-PIPERIDINEACETIC ACID, alpha-PHENYL-, METHYL ESTER, HYDROCHLORIDE
UPDT:8412 CAS: 298-59-9 MW: 269.80 MOLFM: C14-H19-N-O2 Cl-H
SYN: CENTEDRIN * METHYLPHENIDATE HYDROCHLORIDE * METHYLPHENIDYLACETATE HYDROCHLORIDE * METHYL alpha-PHENYL-2-PIPERIDINEACETATE HYDROCHLORIDE * RITALIN * RITALIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:367 mg/kg 27ZQAG -,264,72
scu-rat LD50:170 mg/kg CLDND*
ivn-rat LD50:50 mg/kg 27ZQAG -,264,72
1F17 orl-mus LD50:60 mg/kg JMCMAR 18,71,75
ipr-mus LD50:167 mg/kg JMCMAR 14,1106,71
scu-mus LD50:470 mg/kg AIPTAK 184,34,70
ivn-mus LDLo:40 mg/kg KLWOAZ 32,445,54
orl-rbt LD50:900 mg/kg CLDND*
scu-rbt LD50:170 mg/kg CLDND*
ivn-rbt LD50:30 mg/kg CLDND*
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM3854500 1-PIPERIDINEACETIC ACID, alpha-PHENYL-, 2-(2-MORPHOLINOETHOXY)ETHYL ESTER, DIHYDROCHLORIDE
UPDT:8303 MW: 449.47 MOLFM: C21-H32-N2-O4 2Cl-H
SYN: alpha-PHENYL-1-PIPERIDINEACETIC ACID 2-(2-MORPHOLINOETHOXY)ETHYL ESTER DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2C08J30 ivn-mus LD50:210 mg/kg AIPTAK 125,121,60

TM3855300 1-PIPERIDINEACETIC ACID, alpha-PHENYL-, 2-(2-PIPERIDINOETHOXY)ETHYL ESTER, DIHYDROCHLORIDE
UPDT:8303 MW: 447.50 MOLFM: C22-H34-N2-O3 2Cl-H

SYN: alpha-PHENYL-1-PIPERIDINEACETIC ACID 2-(2-PIPERIDINOETHOXY)ETHYL ESTER DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2C08J30 ivn-mus LD50:77 mg/kg AIPTAK 125,121,60

TM3975000 PIPERIDINE, 1-ACETYL-
UPDT:8310 CAS: 618-42-8 MW: 127.21 MOLFM: C7-H13-N-O
SYN: N-ACETYLPIPERIDIN (German) * 1-ACETYLPIPERIDINE
TOXICITY DATA AND REFERENCES:
scu-rbt LDLo:300 mg/kg BDCGAS 34,2408,01
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TM4015000 PIPERIDINE, N-ACETYL-4-BENZYL-
UPDT:8310 MW: 217.34 MOLFM: C14-H19-N-O
SYN: N-ACETYL-4-BENZYLPIPERIDINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NY#10032

TM4050000 PIPERIDINE, 1-(1-ALLYLCYCLOHEXYL)-
UPDT:8305 CAS: 7418-80-6 MW: 207.40 MOLFM: C14-H25-N
SYN: (ALLYL-1 CYCLOHEXYL)-N PIPERIDINE (French) * 1-(1-ALLYLCYCLOHEXYL)PIPERIDINE
TOXICITY DATA AND REFERENCES:
1F24 ipr-mus LD50:90 mg/kg CHTPBA 1,284,66

PIPERIDINE, 4-(2-(AMINOETHYL)THIO)-3-DIDEHYDRO-1-METHYL-, HYDROCHLORIDE see: TK6025000

TM4252000 PIPERIDINE, 1-(2-((p-AMINOPHENETHYL)OXY)ETHYL)-
UPDT:8411 CAS: 26064-93-7 MW: 248.41 MOLFM: C15-H24-N2-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:250 mg/kg CHTPBA 5,10,70

TM4255000 PIPERIDINE, 4-(p-AMINOPHENOXY)-1-METHYL-4-PHENYL-
UPDT:8305 MW: 282.42 MOLFM: C18-H22-N2-O
SYN: 4-(p-AMINOPHENOXY)-1-METHYL-4-PHENYLPIPERIDINE * 4-(4-AMINOPHENOXY)-1-METHYL-4-PHENYLPIPERIDINE * B 777-81
TOXICITY DATA AND REFERENCES:
3F03F17F43 orl-mus LD50:180 mg/kg ARZNAD 32,873,82

TM4260000 PIPERIDINE, 1-(5-AMINO-2-(2-PROPYNYLOXY)BENZOYL)-, HYDROCHLORIDE
UPDT:8305 CAS: 30533-87-0 MW: 294.81 MOLFM: C15-H18-N2-O2 Cl-H
SYN: 1-(5-AMINO-2-(2-PROPYNYLOXY)BENZOYL)PIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:743 mg/kg BCFAAI 115,125,76

TM4291000 PIPERIDINE, 1-(p-ANILINOBENZYL)-
UPDT:8311 CAS: 64097-52-5 MW: 266.42 MOLFM: C18-H22-N2
SYN: 1-(p-ANILINOBENZYL)PIPERIDINE * BENZENAMINE, N-PHENYL-4-(1-PIPERIDINYLMETHYL)- (9CI) * N-PHENYL-4-(1-PIPERIDINYLMETHYL)BENZENAMINE * PIPERIDINOMETHYL-4-DIPHENYLAMINE (French)
TOXICITY DATA AND REFERENCES:
3D28F13F19 orl-mus LD50:350 mg/kg EJMCA5 12,219,77

TM4550000 PIPERIDINE, 1-(1,4-BENZODIOXAN-2-YLMETHYL)-, HYDROCHLORIDE
UPDT:8403 CAS: 135-87-5 MW: 269.80 MOLFM: C14-H19-N-O2 Cl-H
SYN: BENODAINE HYDROCHLORIDE * BENZODIOXANE HYDROCHLORIDE * 1,4-BENZODIOXAN, 2-(1-PIPERIDYLMETHYL)-, HYDROCHLORIDE * 1-(1,4-BENZODIOXAN-2-YLMETHYL)PIPERIDINE HYDROCHLORIDE * 933F * F 933 * FOURNEAU 933 * 2-PIPERIDINOMETHYL-1,4-BENZODIOXAN HYDROCHLORIDE * 2-(1-PIPERIDYLMETHYL)-1,4-BENZODIOXAN HYDROCHLORIDE * PIPEROXANE HYDROCHLORIDE * PIPEROXAN HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:735 mg/kg (3-9D preg) PSEBAA 100,555,59
1T24 ims-rat TDLo:250 mg/kg (5D preg) PSEBAA 100,555,59
TOXICITY DATA AND REFERENCES:
3F11F12F13 orl-mus LD50:502 mg/kg JAPMA8 48,409,59
3F11F12F13 ipr-mus LD50:175 mg/kg JAPMA8 48,409,59
scu-mus LDLo:700 mg/kg ARZNAD 6,695,56
* ivn-mus LD50:26 mg/kg AIPTAK 105,221,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PIPERIDINE, 1-(5-(1,3-BENZODIOXOL-5-YL)-1-OXO-2,4-PENTADIENYL)-, (E,E)- (9CI) see: TN2321500

TM4600000 PIPERIDINE, 1-BENZOYL-
UPDT:8310 CAS: 776-75-0 MW: 189.28 MOLFM: C12-H15-N-O
SYN: N-BENZOYLPIPERIDIN (German) * 1-BENZOYLPIPERIDINE
TOXICITY DATA AND REFERENCES:
scu-rbt LDLo:570 mg/kg BDCGAS 34,2408,01

TM4728600 PIPERIDINE, 1-(2-(N-BENZYLANILINO)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8308 MW: 330.94 MOLFM: C20-H26-N2 Cl-H
SYN: N-beta-(BENZILFENILAMINO)ETILPIPERIDINA CLORIDRATO (Italian) * 1-(2-(N-BENZYLANILINO)ETHYL)PIPERIDINE HYDROCHLORIDE * N-beta-(BENZYL-PHENYLAMINO)ETHYLPIPERIDINE HYDROCHLORIDE * P 47
TOXICITY DATA AND REFERENCES:
1F12 ims-rat LDLo:380 mg/kg FRPSAX 15,562,60
* orl-mus LD50:1500 mg/kg FRPSAX 13,3,58
1F12 ipr-mus LD50:180 mg/kg FRPSAX 15,562,60
* ivn-mus LD50:25 mg/kg FRPSAX 13,3,58
* ipr-gpg LD50:110 mg/kg BSCIA3 31,520,49

TM4734000 PIPERIDINE, 1-BENZYL-4,4-DIPHENYL-
UPDT:8408 MW: 327.50 MOLFM: C24-H25-N
SYN: 1-BENZYL-4,4-DIPHENYLPIPERIDINE
TOXICITY DATA AND REFERENCES:
2F13F17 scu-mus LD50:150 mg/kg ARZNAD 34,233,84
2F13F17 ivn-mus LD50:20 mg/kg ARZNAD 34,233,84

TM4952500 PIPERIDINE, 1-(4-(o-BROMOPHENYL)-2-BUTENYL)-, HYDROCHLORIDE
UPDT:8310 CAS: 34551-95-6 MW: 330.73 MOLFM: C15-H20-Br-N Cl-H
SYN: 1-(4-(o-BROMOPHENYL)-2-BUTENYL)PIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:85 mg/kg RPTOAN 40,69,77
ipr-mus LD50:85 mg/kg RPTOAN 40,69,77

TM4955000 PIPERIDINE, 1-(4-(p-BROMOPHENYL)-2-BUTENYL)-, HYDROCHLORIDE
UPDT:8310 CAS: 34551-96-7 MW: 330.73 MOLFM: C15-H20-Br-N Cl-H
SYN: 1-(4-(p-BROMOPHENYL)-2-BUTENYL)PIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:56 mg/kg RPTOAN 40,69,77
ipr-mus LD50:56 mg/kg RPTOAN 40,69,77

TM4960000 1-PIPERIDINEBUTANAMIDE, 4-(4-CHLOROPHENYL)-4-HYDROXY-N,N-DIMETHYL-alpha,alpha-DIPHENYL-, HYDROCHLORIDE
UPDT:8411 CAS: 34552-83-5 MW: 513.55 MOLFM: C29-H33-Cl-N2-O2 Cl-H
SYN: 4-(p-CHLOROPHENYL)-4-HYDROXY-N,N-DIMETHYL-alpha,alpha-DIPHENYL-1-PIPERIDINE BUTYRAMIDE HCl * 4-(4-(p-CHLOROPHENYL)-4-HYDROXY-1-PIPERIDYL)-N,N-DIMETHYL-2,2-DIPHENYLBUTYRAMIDE HCl * IMODIUM * LOPERAMIDE HYDROCHLORIDE * R 18553 * R 18553 HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T76 orl-rat TDLo:580 mg/kg (15-22D preg/21D post) ARZNAD 24,1645,75
TOXICITY DATA AND REFERENCES:
1K14 orl-rat LD50:185 mg/kg JMCMAR 16,782,73
* scu-rat LD50:78700 ug/kg NIIRDN 6,913,82
* ivn-rat LD50:7490 ug/kg NIIRDN 6,913,82
* orl-mus LD50:105 mg/kg ARZNAD 24,1633,74
* scu-mus LD50:57600 ug/kg NIIRDN 6,913,82
* ivn-mus LD50:12600 ug/kg NIIRDN 6,913,82
* orl-gpg LD50:41500 ug/kg IYKEDH 12,1204,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM4969000 1-PIPERIDINEBUTANOL, alpha-(4-(1,1-DIMETHYLETHYL)PHENYL)-4-(HYDROXYDIPHENYLMETHYL)-
UPDT:8403 CAS: 50679-08-8 MW: 471.74 MOLFM: C32-H41-N-O2
SYN: ALDABAN * alpha-(4-(1,1-DIMETHYLETHYL)PHENYL)-4-(HYDROXYDIPHENYLMETHYL)-1-PIPERIDINEBUTANOL * RMI 9918 * TELDANE * TERFENADINE * TRILUDAN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T24T25 orl-rat TDLo:8400 mg/kg (14D pre/1-14D preg) ARZNAD 32,1179,82
1T81 orl-rat TDLo:8550 mg/kg (14D pre-21D post) ARZNAD 32,1179,82
1T76 orl-rat TDLo:17100 mg/kg (14D pre-21D post) ARZNAD 32,1179,82
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:474 mg/kg ARZNAD 32,1179,82
* ipr-mus LD50:510 mg/kg ARZNAD 32,1179,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM4970500 1-PIPERIDINEBUTANOL, alpha,alpha-DIPHENYL-, HYDROCHLORIDE
UPDT:8403 CAS: 3254-89-5 MW: 345.95 MOLFM: C21-H27-N-O Cl-H
SYN: CEFADOL * CELMIDOL * DIFENIDOL HYDROCHLORIDE * DIFENIDOLIN * DIPHENIDOL HYDROCHLORIDE * alpha,alpha-DIPHENYL-1-PIPERIDINEBUTANOL HYDROCHLORIDE * MANIOL * MECALMIN * PINERORO * SATANOLON * TENESDOL * WANSAR * YESDOL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:515 mg/kg IYKEDH 4,193,73
* ipr-rat LD50:82 mg/kg IYKEDH 4,193,73
* scu-rat LD50:670 mg/kg IYKEDH 4,193,73
* ivn-rat LD50:29 mg/kg IYKEDH 4,193,73
* ims-rat LD50:635 mg/kg IYKEDH 4,193,73
* orl-mus LD50:400 mg/kg IYKEDH 4,193,73
* ipr-mus LD50:105 mg/kg IYKEDH 4,193,73
* scu-mus LD50:163 mg/kg IYKEDH 4,193,73
* ivn-mus LD50:37 mg/kg IYKEDH 4,193,73

PIPERIDINE, 1-(2-(4-BUTOXYBENZOYL)ETHYL), HYDROCHLORIDE see: UG8750000

TM4976000 PIPERIDINE, 1-(beta-BUTOXY-4-CHLORO-3-METHYLPHENETHYL)-, HYDROCHLORIDE
UPDT:8412 CAS: 17174-41-3 MW: 346.38 MOLFM: C18-H28-Cl-N-O Cl-H
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:400 mg/kg CHTPBA 2,446,67

TM4977000 PIPERIDINE, 1-(beta-BUTOXY-m-CHLOROPHENETHYL)-, HYDROCHLORIDE
UPDT:8412 CAS: 17174-39-9 MW: 332.35 MOLFM: C17-H26-Cl-N-O Cl-H
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:400 mg/kg CHTPBA 2,446,67

TM4978000 PIPERIDINE, 1-(beta-BUTOXY-p-CHLOROPHENETHYL)-, HYDROCHLORIDE
UPDT:8412 CAS: 17174-38-8 MW: 332.35 MOLFM: C17-H26-Cl-N-O Cl-H
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:400 mg/kg CHTPBA 2,446,67

TM4979000 PIPERIDINE, 1-(beta-BUTOXY-4-CYCLOPENTYLPHENETHYL)-, HYDROCHLORIDE
UPDT:8411 CAS: 17174-40-2 MW: 35[illegible] MOLFM: C21-H34-N-O Cl-H
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:500 mg/kg CHTPBA 2,446,67

TM4980000 PIPERIDINE, 1-(beta-BUTOXY-p-METHYLPHENETHYL)-, HYDROCHLORIDE
UPDT:8411 CAS: 17174-40-2 MW: 311.96 MOLFM: C18-H29-N-O Cl-H
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:500 mg/kg CHTPBA 2,446,67

TM4981000 PIPERIDINE, 1-(beta-BUTOXYPHENETHYL)-, HYDROCHLORIDE
UPDT:8411 CAS: 17243-25-3 MW: 297.91 MOLFM: C17-H27-N-O Cl-H
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:200 mg/kg CHTPBA 2,446,67

TM4990000 PIPERIDINE, 1-(2-(p-BUTOXYPHENOXY)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8305 MW: 313.91 MOLFM: C17-H27-N-O2 Cl-H
SYN: 1-(2-(p-BUTOXYPHENOXY)ETHYL)PIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:60 mg/kg COREAF 241,1523,55

TM5027000 PIPERIDINE, 1-(1-BUTYLCYCLOHEXYL)-
UPDT:8305 CAS: 14228-26-3 MW: 223.45 MOLFM: C15-H29-N
SYN: (BUTYL-1 CYCLOHEXYLE)-N PIPERIDINE (French) * 1-(1-BUTYLCYCLOHEXYL)PIPERIDINE
TOXICITY DATA AND REFERENCES:
1F24 ipr-mus LD50:115 mg/kg CHTPBA 1,284,66

TM5031000 PIPERIDINE, 1-BUTYL-4,4-DIPHENYL-
UPDT:8408 MW: 293.49 MOLFM: C21-H27-N
SYN: 1-BUTYL-4,4-DIPHENYLPIPERIDINE
TOXICITY DATA AND REFERENCES:
2F13F17 ivn-mus LD50:20 mg/kg ARZNAD 34,233,84

TM5031100 PIPERIDINE, 1-sec-BUTYL-4,4-DIPHENYL-, HYDROCHLORIDE
UPDT:8408 MW: 329.95 MOLFM: C21-H27-N Cl-H
SYN: 1-sec-BUTYL-4,4-DIPHENYLPIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F13F17 orl-mus LD50:110 mg/kg ARZNAD 34,233,84
2F13F17 ivn-mus LD50:19 mg/kg ARZNAD 34,233,84

TM5031200 PIPERIDINE, 1-tert-BUTYL-4,4-DIPHENYL-, HYDROCHLORIDE
UPDT:8408 MW: 329.95 MOLFM: C21-H27-N Cl-H
SYN: 1-tert-BUTYL-4,4-DIPHENYLPIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F13F17 orl-mus LD50:130 mg/kg ARZNAD 34,233,84
2F13F17 ivn-mus LD50:32 mg/kg ARZNAD 34,233,84

TM5047000 PIPERIDINE, 4-tert-BUTYL-1-NITROSO
UPDT:8402 MW: 170.29 MOLFM: C9-H18-N2-O
SYN: 4-tert-BUTYL-1-NITROSOPIPERIDINE * N-NITROSO-4-tert-BUTYLPIPERIDINE
MUTATION DATA AND REFERENCES:
mma-sat 250 ug/plate MUREAV 111,135,83
TUMORIGENIC DATA AND REFERENCES:
3V01K60L60 orl-rat TDLo:4500 mg/kg/2Y-I CRNGDP 2,1045,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM5056000 PIPERIDINE, 1-(4-tert-BUTYL-1-PHENYLCYCLOHEXYL)-, HYDROCHLORIDE
UPDT:8310 CAS: 21596-80-9 MW: 336.01 MOLFM: C21-H33-N Cl-H
SYN: 1-(4-tert-BUTYL-1-PHENYLCYCLOHEXYL)PIPERIDINE, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:600 mg/kg CHTPBA 3,241,68

TM5062000 PIPERIDINE, 4-(BUTYLSULFONYL)-1-METHYL-4-PHENYL-, HYDROCHLORIDE
UPDT:8312 MW: 331.94 MOLFM: C16-H25-N-O2-S Cl-H
SYN: 4-(BUTYLSULFONYL)-1-METHYL-4-PHENYLPIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:700 mg/kg APFRAD 12,241,54

TM5073000 1-PIPERIDINEBUTYRAMIDE, alpha-1-CYCLOHEXEN-1-YL-alpha-PHENYL-
UPDT:8305 MW: 326.53 MOLFM: C21-H30-N2-O
SYN: alpha-1-CYCLOHEXEN-1-YL-alpha-PHENYL-1-PIPERIDINEBUTYRAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg AIPTAK 103,100,55

TM5073100 1-PIPERIDINEBUTYRAMIDE, alpha-CYCLOHEXYL-alpha-PHENYL-, OXALATE
UPDT:8305 MW: 418.59 MOLFM: C21-H32-N2-O C2-H2-O4
SYN: alpha-CYCLOHEXYL-alpha-PHENYL-1-PIPERIDINEBUTYRAMIDE OXALATE
TOXICITY DATA AND REFERENCES:
• ivn-mus LD50:49 mg/kg AIPTAK 103,100,55

TM5073200 1-PIPERIDINEBUTYRAMIDE, alpha-CYCLOPENTYL-alpha-PHENYL-, OXALATE, DIHYDRATE
UPDT:8305 MW: 440.60 MOLFM: C20-H30-N2-O C2-H2-O4 2H2-O
SYN: alpha-CYCLOPENTYL-alpha-PHENYL-1-PIPERIDINEBUTYRAMIDE OXALATE DIHYDRATE
TOXICITY DATA AND REFERENCES:
• ivn-mus LD50:72 mg/kg AIPTAK 103,100,55

TM5073300 1-PIPERIDINEBUTYRAMIDE, alpha,alpha-DIPHENYL-
UPDT:8401 CAS: 77-01-0 MW: 322.49 MOLFM: C21-H26-N2-O
SYN: alpha,alpha-DIPHENYL-1-PIPERIDINEBUTYRAMIDE * FENPIPRAMIDE
TOXICITY DATA AND REFERENCES:
1F29 ivn-mus LD50:30 mg/kg JCSOA9 -,648,49

TM5073400 1-PIPERIDINEBUTYRAMIDE, alpha,alpha-DIPHENYL-2-METHYL-
UPDT:8305 MW: 336.52 MOLFM: C22-H28-N2-O
SYN: alpha,alpha-DIPHENYL-2-METHYL-1-PIPERIDINEBUTYRAMIDE
TOXICITY DATA AND REFERENCES:
• ivn-mus LD50:32266 ug/kg AIPTAK 103,100,55

TM5073500 1-PIPERIDINEBUTYRAMIDE, alpha,alpha-DIPHENYL-3-METHYL-
UPDT:8305 MW: 336.52 MOLFM: C22-H28-N2-O
SYN: alpha,alpha-DIPHENYL-3-METHYL-1-PIPERIDINEBUTYRAMIDE
TOXICITY DATA AND REFERENCES:
• ivn-mus LD50:26 mg/kg AIPTAK 103,100,55

TM5073600 1-PIPERIDINEBUTYRAMIDE, alpha,alpha-DIPHENYL-4-METHYL-
UPDT:8305 MW: 336.52 MOLFM: C22-H28-N2-O
SYN: alpha,alpha-DIPHENYL-4-METHYL-1-PIPERIDINEBUTYRAMIDE
TOXICITY DATA AND REFERENCES:
• ivn-mus LD50:20 mg/kg AIPTAK 103,100,55

TM5073700 1-PIPERIDINEBUTYRAMIDE, alpha-ISOBUTYL-alpha-PHENYL-, OXALATE
UPDT:8305 MW: 392.55 MOLFM: C19-H30-N2-O C2-H2-O4
SYN: alpha-ISOBUTYL-alpha-PHENYL-1-PIPERIDINEBUTYRAMIDE OXALATE
TOXICITY DATA AND REFERENCES:
• ivn-mus LD50:51 mg/kg AIPTAK 103,100,55

TM5350000 1-PIPERIDINEBUTYRAMIDE, alpha-PHENYL-
UPDT:8305 MW: 246.39 MOLFM: C15-H22-N2-O
SYN: alpha-PHENYL-1-PIPERIDINEBUTYRAMIDE
TOXICITY DATA AND REFERENCES:
• ivn-mus LD50:82 mg/kg AIPTAK 103,100,55

TM5504000 1-PIPERIDINEBUTYRIC ACID, alpha,alpha-DIPHENYL-, ETHYL ESTER, HYDROBROMIDE
UPDT:8312 MW: 432.45 MOLFM: C23-H29-N-O2 Br-H
SYN: alpha,alpha-DIPHENYL-1-PIPERIDINEBUTYRIC ACID ETHYL ESTER HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
2F29J25 ivn-mus LD50:15 mg/kg JCSOA9 -,648,49

TM5504200 1-PIPERIDINEBUTYRIC ACID, alpha,alpha-DIPHENYL-, HYDROGEN SULFATE
UPDT:8312 MW: 421.55 MOLFM: C21-H25-N-O2 H2-S-O4
SYN: alpha,alpha-DIPHENYL-1-PIPERIDINEBUTYRIC ACID HYDROGEN SULFATE * gamma-PIPERIDINO-alpha,alpha-DIPHENYLBUTYRIC ACID HYDROGEN SULFATE
TOXICITY DATA AND REFERENCES:
• ivn-mus LD50:175 mg/kg JCSOA9 -,648,49

TM5504[illegible]00 1-PIPERIDINEBUTYRIC ACID, alpha,alpha-DIPHENYL-, METHYL ESTER, HYDROBROMIDE
UPDT:8312 MW: 418.42 MOLFM: C22-H27-N-O2 Br-H
SYN: alpha,alpha-DIPHENYL-1-PIPERIDINEBUTYRIC ACID METHYL ESTER HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
2F29J25 ivn-mus LD50:20 mg/kg JCSOA9 -,648,49

TM5650000 1-PIPERIDINEBUTYRONITRILE, alpha-sec-BUTYL-alpha-PHENYL-, HYDROCHLORIDE
UPDT:8406 CAS: 53198-87-1 MW: 320.95 MOLFM: C19-H28-N2 Cl-H
SYN: alpha-sec-BUTYL-alpha-PHENYL-1-PIPERIDINEBUTYRONITRILE HYDROCHLORIDE * EURAZYL * alpha-PHENYL-alpha-(2-PIPERIDINOETHYL)beta-ETHYLBUTYRIC ACID NITRILE HYDROCHLORIDE * alpha-PHENYL-alpha-(2-PIPERIDINOETHYL)-beta-ETHYLBUTYRONITRILE HYDROCHLORIDE * R 154
TOXICITY DATA AND REFERENCES:
• scu-rat LD50:420 mg/kg 85ESA3 9,512,76
• orl-mus LD50:700 mg/kg JAPMA8 49,298,60
• scu-mus LD50:460 mg/kg 85ESA3 9,512,76
2F07F12 ivn-dog LDLo:64 mg/kg JAPMA8 49,298,60

TM5655000 1-PIPERIDINEBUTYRONITRILE, alpha-CYCLOHEXYL-alpha-PHENYL-
UPDT:8305 MW: 310.53 MOLFM: C21-H30-N2
SYN: alpha-CYCLOHEXYL-alpha-PHENYL-1-PIPERIDINEBUTYRONITRILE
TOXICITY DATA AND REFERENCES:
• ivn-mus LD50:37505 ug/kg AIPTAK 103,100,55

TM5659000 1-PIPERIDINEBUTYRONITRILE, alpha-CYCLOPENTYL-alpha-PHENYL-, OXALATE
UPDT:8305 MW: 386.54 MOLFM: C20-H28-N2 C2-H2-O4
SYN: alpha-CYCLOPENTYL-alpha-PHENYL-1-PIPERIDINEBUTYRONITRILE OXALATE
TOXICITY DATA AND REFERENCES:
• ivn-mus LD50:57 mg/kg AIPTAK 103,100,55

TM5659400 1-PIPERIDINEBUTYRONITRILE, 2,6-DIMETHYL-alpha-(PHENYLMETHYL)-alpha-2-THIENYL-
UPDT:8311 CAS: 64647-38-7 MW: 352.58 MOLFM: C22-H28-N2-S
SYN: 2,6-DIMETHYL-alpha-(PHENYLMETHYL)-alpha-2-THIENYL-1-PIPERIDINEBUTANENITRILE
TOXICITY DATA AND REFERENCES:
• orl-mus LD50:165 mg/kg EJMCA5 12,379,77
• ipr-mus LD50:75 mg/kg EJMCA5 12,379,77

TM5659600 1-PIPERIDINEBUTYRONITRILE, 2,6-DIMETHYL-alpha-2-PROPENYL-alpha-2-THIENYL-
UPDT:8311 CAS: 64647-37-6 MW: 302.52 MOLFM: C18-H26-N2-S
SYN: 2,6-DIMETHYL-alpha-2-PROPENYL-alpha-2-THIENYL-1-PIPERIDINEBUTANENITRILE
TOXICITY DATA AND REFERENCES:
• orl-mus LD50:300 mg/kg EJMCA5 12,379,77
• ipr-mus LD50:280 mg/kg EJMCA5 12,379,77

TM5659800 1-PIPERIDINEBUTYRONITRILE, alpha,alpha-DIPHENYL-, HYDROCHLORIDE
UPDT:8312 MW: 340.93 MOLFM: C21-H24-N2 Cl-H
SYN: alpha,alpha-DIPHENYL-1-PIPERIDINEBUTYRONITRILE HYDROCHLORIDE * 3-PIPERIDINO-1,1-DIPHENYL-n-PROPYLCYANIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F29 ivn-mus LD50:50 mg/kg JCSOA9 -,648,49

TM5675000 1-PIPERIDINEBUTYRONITRILE, alpha-ISOBUTYL-alpha-PHENYL-, OXALATE
UPDT:8305 MW: 374.53 MOLFM: C19-H28-N2 C2-H2-O4
SYN: alpha-ISOBUTYL-alpha-PHENYL-1-PIPERIDINEBUTYRONITRILE OXALATE
TOXICITY DATA AND REFERENCES:
• ivn-mus LD50:32991 ug/kg AIPTAK 103,100,55

TM5693000 1-PIPERIDINEBUTYRONITRILE, 4-METHYL-alpha-(1-METHYLETHYL)-alpha-2-THIENYL-
UPDT:8311 CAS: 64647-42-3 MW: 290.51 MOLFM: C17-H26-N2-S
SYN: ISOPROPYL-2 (METHYL-4 PIPERIDINYL-1)-4 (THIENYL-2')-2 BUTYRONITRILE (French) * 4-METHYL-alpha-(1-METHYLETHYL)-alpha-2-THIENYL-1-PIPERIDINEBUTANENITRILE
TOXICITY DATA AND REFERENCES:
• orl-mus LD50:270 mg/kg EJMCA5 12,379,77
• ipr-mus LD50:150 mg/kg EJMCA5 12,379,77

TM5695000 1-PIPERIDINEBUTYRONITRILE, 4-METHYL-alpha-(PHENYLMETHYL)-alpha-2-THIENYL-
UPDT:8311 CAS: 64647-41-2 MW: 230.46 MOLFM: C12-H26-N2-S
SYN: 4-METHYL-alpha-(PHENYLMETHYL)-alpha-2-THIENYL-1-PIPERIDINEBUTANENITRILE
TOXICITY DATA AND REFERENCES:
• orl-mus LD50:225 mg/kg EJMCA5 12,379,77
• ipr-mus LD50:55 mg/kg EJMCA5 12,379,77

TM5700000 1-PIPERIDINEBUTYRONITRILE, alpha-PHENYL-, OXALATE
UPDT:8305 MW: 318.41 MOLFM: C15-H20-N2 C2-H2-O4
SYN: alpha-PHENYL-1-PIPERIDINEBUTYRONITRILE OXALATE
TOXICITY DATA AND REFERENCES:
• ivn-mus LD50:29194 ug/kg AIPTAK 103,100,55

TM5720000 PIPERIDINE, 1-(CAMPHORIMIDOACETYL)-
UPDT:8412 MW: 306.45 MOLFM: C17-H26-N2-O3
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:340 mg/kg YKKZAJ 84,918,64

TM5730000 PIPERIDINE, 1-(3-CAMPHORIMIDOPROPIONYL)-
UPDT:8412 MW: 320.48 MOLFM: C18-H28-N2-O3
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:310 mg/kg YKKZAJ 84,918,64

TM5830000 1-PIPERIDINECARBODITHIOIC ACID, ACETONYL ESTER, OXIME
UPDT:8306 MW: 232.39 MOLFM: C9-H16-N2-O-S2
SYN: ACETONYL ESTER of 1-PIPERIDINECARBODITHIOIC ACID OXIME
TOXICITY DATA AND REFERENCES:
• orl-mus LD50:4200 mg/kg AIPTAK 112,36,57

TM5900000 1-PIPERIDINECARBODITHIOIC ACID, SODIUM SALT
UPDT:8306 CAS: 873-57-4 MW: 183.28 MOLFM: C6-H10-N-S2 Na
SYN: SODIUM SALT of 1-PIPERIDINECARBODITHIOIC ACID * SODIUM 1-PIPERIDINECARBODITHIOATE * SODIUM PIPERIDINEDITHIOCARBAMATE
TOXICITY DATA AND REFERENCES:
• orl-mus LD50:650 mg/kg AIPTAK 112,36,57

TM5977000 1-PIPERIDINECARBOXAMIDE, 4-BENZYL-
UPDT:8402 MW: 218.33 MOLFM: C13-H18-N2-O
SYN: 4-BENZYL-1-PIPERIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:800 mg/kg APFRAD 40,339,82

1-PIPERIDINECARBOXAMIDE, N-(p-BROMOPHENYL)-4-HYDROXY-4-PHENYL-THIO- see: TM6118000

2-PIPERIDINECARBOXAMIDE, 1-BUTYL-N-(2,6-DIMETHYLPHENYL)- MONOHYDROCHLORIDE, MONOHYDRATE see: TK6125000

TM5989000 4-PIPERIDINECARBOXAMIDE, 1-(2,6-DIAMINO-4-PYRIMIDINYL)-, 1'-OXIDE, HYDROCHLORIDE
UPDT:8303 MW: 288.78 MOLFM: C10-H16-N6-O2 Cl-H
SYN: 1-(2,6-DIAMINO-4-PYRIMIDINYL)-4-PIPERIDINECARBOXAMIDE 1'-OXIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:2400 mg/kg BCFAAI 121,16,82

2-PIPERIDINECARBOXAMIDE, N-(2,6-DIMETHYLPHENYL)-1-METHYL-, MONOHYDROCHLORIDE (9CI) see: TK6475000

1-PIPERIDINECARBOXAMIDE, N-(o-ETHOXYPHENYL)-4-HYDROXY-4-PHENYL-THIO- see: TM6120000

1-PIPERIDINECARBOXAMIDE, N-(p-ETHOXYPHENYL)-4-HYDROXY-4-PHENYL-THIO- see: TM6121000

TM6103000 1-PIPERIDINECARBOXAMIDE, N,N'-ETHYLENEBIS(N-BUTYL-
UPDT:8402 CAS: 7303-46-0 MW: 394.68 MOLFM: C22-H42-N4-O2
SYN: N,N'-DI-n-BUTYL-N,N'-DICARBOXYPIPERIDINE ETHYLENEDIAMINE * N,N'-ETHYLENEBIS(N-BUTYL-1-PIPERIDINECARBOXAMIDE) * PEY-1401
TOXICITY DATA AND REFERENCES:
3F12F13J26 orl-mus LD50:570 mg/kg AIPTAK 163,133,66
1F12 ipr-mus LD50:140 mg/kg CPBTAL 21,1,73
3F12F13J26 scu-mus LD50:460 mg/kg AIPTAK 163,133,66
3F12F13J26 ivn-mus LD50:100 mg/kg AIPTAK 163,133,66

TM6104000 1-PIPERIDINECARBOXAMIDE, N-ETHYL-4-(3-TRIFLUOROMETHYL)PHENOXY)-
UPDT:8402 CAS: 28033-16-1 MW: 316.36 MOLFM: C15-H19-F3-N2-O2
SYN: N-ETHYL-4-(3-TRIFLUOROMETHYL)PHENOXY)-1-PIPERIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:42 mg/kg JMCMAR 17,1000,74

1-PIPERIDINECARBOXAMIDE, 4-HYDROXY-N-(o-METHOXYPHENYL)-4-PHENYL-THIO- see: TM6123000

1-PIPERIDINECARBOXAMIDE, 4-HYDROXY-N-(p-METHOXYPHENYL)-4-PHENYL-THIO- see: TM6124000

TM6107000 4-PIPERIDINECARBOXAMIDE, 1-(3-(2-(METHANESULFONYL)PHENOTHIAZIN-10-YL)PROPYL)-
UPDT:8402 MW: 444.63 MOLFM: C22-H26-N3-O3-S2
SYN: 2-METHYLSULFONYL-10-(3-(4'-CARBAMOYLPIPERIDINO)PROPYL)-PHENOTHIAZINE * 1-(3-(2-(METHANESULFONYL)PHENOTHIAZIN-10-YL)PROPYL)-4-PIPERIDINECARBOXAMIDE * PHENOTHIAZINE, 10-(3-(4'-CARBAMOYLPIPERIDINO)PROPYL)-2-METHYLSULFONYL * 9965 RP
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1154 mg/kg OYYAA2 1,97,67
ipr-mus LD50:78 mg/kg OYYAA2 1,97,67
scu-mus LD50:712 mg/kg OYYAA2 1,97,67
ivn-mus LD50:64 mg/kg OYYAA2 1,97,67

TM6108000 1-PIPERIDINECARBOXAMIDE, N-METHYL-N-(3-METHYL-2-NORBORNYLMETHYL)-
UPDT:8402 CAS: 21296-53-7 MW: 264.46 MOLFM: C16-H28-N2-O
SYN: N-METHYL-N-(3-METHYL-2-NORBORNYLMETHYL)-1-PIPERIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
• orl-mus LD50:1200 mg/kg FRPSAX 25,573,70

TM6109000 4-PIPERIDINECARBOXAMIDE, 1-PHENETHYL-4-(1-PIPERIDYL)-2,2,6,6-TETRAMETHYL-
UPDT:8402 MW: 371.63 MOLFM: C23-H37-N3-O
SYN: 1-PHENETHYL-4-(1-PIPERIDYL)-2,2,6,6-TETRAMETHYL-4-PIPERIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
• scu-mus LD50:240 mg/kg PCJOAU 7,555,73

TM6111000 1-PIPERIDINECARBOXAMIDE, 4-PHENYL-
UPDT:8402 MW: 192.29 MOLFM: C11-H16-N2-O
SYN: 4-PHENYL-1-PIPERIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
• orl-mus LD50:1950 mg/kg APFRAD 40,339,82
• ipr-mus LD50:980 mg/kg APFRAD 40,339,82

TM6112000 4-PIPERIDINECARBOXAMIDE, 4-(1-PIPERIDYL)-1,2,2,6,6-PENTAMETHYL-
UPDT:8402 MW: 281.50 MOLFM: C16-H31-N3-O
SYN: 4-(1-PIPERIDYL)-1,2,2,6,6-PENTAMETHYL-4-PIPERIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
• scu-mus LD50:760 mg/kg PCJOAU 7,555,73

TM6113000 4-PIPERIDINECARBOXAMIDE, 4-(1-PIPERIDYL)-2,2,6,6-TETRAMETHYL-
UPDT:8402 MW: 267.47 MOLFM: C15-H29-N3-O
SYN: 4-(1-PIPERIDYL)-2,2,6,6-TETRAMETHYL-4-PIPERIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
• scu-mus LD50:54 mg/kg PCJOAU 7,555,73

TM6113500 1-PIPERIDINECARBOXAMIDINE, N-AMIDINO-, MONOHYDROCHLORIDE
UPDT:8405 CAS: 4751-74-0 MW: 205.73 MOLFM: C7-H15-N5 Cl-H
SYN: N-AMIDINO-1-PIPERIDINECARBOXAMIDINE MONOHYDROCHLORIDE * BIGUANIDE, 1,1-PENTAMETHYLENE-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:380 mg/kg JAJAAA 18,196,65

TM6114000 1-PIPERIDINECARBOXAMIDINE, N-((p-CHLOROPHENYL)AMIDINO)-4-METHYL-, MONOHYDROCHLORIDE
UPDT:8402 CAS: 19803-80-6 MW: 330.30 MOLFM: C14-H20-Cl-N5·Cl-H
SYN: N-((p-CHLOROPHENYL)AMIDINO)-4-METHYL-1-PIPERIDINECARBOXAMIDINE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg JMCMAR 11,942,68

TM6115000 1-PIPERIDINECARBOXAMIDINE, N-((p-CHLOROPHENYL)AMIDINO)-, MONOHYDROCHLORIDE
UPDT:8402 CAS: 19803-79-3 MW: 316.27 MOLFM: C13-H18-Cl-N5·Cl-H
SYN: N-((p-CHLOROPHENYL)AMIDINO)-1-PIPERIDINECARBOXAMIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg JMCMAR 11,942,68

TM6116000 1-PIPERIDINECARBOXAMIDINE, N'-(2,6-DICHLOROPHENYL)-N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8402 MW: 336.72 MOLFM: C14-H19-Cl2-N3·Cl-H
SYN: N'-(2,6-DICHLOROPHENYL)-N,N-DIMETHYL-1-PIPERIDINECARBOXAMIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2D35J30 ivn-mus LD50:12300 ug/kg PCJOAU 12,736,78

TM6117000 1-PIPERIDINECARBOXAMIDINE, HEMISULFATE
UPDT:8402 CAS: 17238-53-8 MW: 176.26 MOLFM: C6-H13-N3·1/2H2-O4-S
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:970 mg/kg RPTOAN 33,13,70

TM6118000 1-PIPERIDINECARBOXANILIDE, 4'-BROMOPHENYL-4-HYDROXY-4-PHENYL-THIO-
UPDT:8402 MW: 391.36 MOLFM: C18-H19-Br-N2-O-S
SYN: 1-((p-BROMOPHENYL)AMINOTHIOCARBONYL)-4-HYDROXY-4-PHENYL PIPERIDINE * N-(p-BROMOPHENYL)-4-HYDROXY-4-PHENYL-THIO-1-PIPERIDINECARBOXAMIDE * 1-PIPERIDINECARBOXAMIDE, N-(p-BROMOPHENYL)-4-HYDROXY-4-PHENYL-THIO-
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:1000 mg/kg IJPAAO 39,139,77

TM6119000 1-PIPERIDINECARBOXANILIDE, 4'-ETHOXY-
UPDT:8402 MW: 248.36 MOLFM: C14-H20-N2-O2
SYN: 4'-ETHOXY-1-PIPERIDINECARBOXANILIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1450 mg/kg APFRAD 40,339,82

TM6120000 1-PIPERIDINECARBOXANILIDE, 2'-ETHOXY-4-HYDROXY-4-PHENYL-THIO-
UPDT:8402 MW: 356.52 MOLFM: C20-H24-N2-O2-S
SYN: 1-((o-ETHOXYPHENYL)AMINOTHIOCARBONYL)-4-HYDROXY-4-PHENYL PIPERIDINE * N-(o-ETHOXYPHENYL)-4-HYDROXY-4-PHENYL-THIO-1-PIPERIDINECARBOXAMIDE * 1-PIPERIDINECARBOXAMIDE, N-(o-ETHOXYPHENYL)-4-HYDROXY-4-PHENYL-THIO-
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:800 mg/kg IJPAAO 39,139,77

TM6121000 1-PIPERIDINECARBOXANILIDE, 4'-ETHOXY-4-HYDROXY-4-PHENYL-THIO-
UPDT:8402 MW: 356.52 MOLFM: C20-H24-N2-O2-S
SYN: 1-((p-ETHOXYPHENYL)AMINOTHIOCARBONYL)-4-HYDROXY-4-PHENYL PIPERIDINE * N-(p-ETHOXYPHENYL)-4-HYDROXY-4-PHENYL-THIO-1-PIPERIDINECARBOXAMIDE * 1-PIPERIDINECARBOXAMIDE, N-(p-ETHOXYPHENYL)-4-HYDROXY-4-PHENYL-THIO-
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:1000 mg/kg IJPAAO 39,139,77

TM6122000 1-PIPERIDINECARBOXANILIDE, 4'-FLUORO-
UPDT:8402 MW: 222.29 MOLFM: C12-H15-F-N2-O
SYN: 4'-FLUORO-1-PIPERIDINECARBOXANILIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1670 mg/kg APFRAD 40,339,82

TM6123000 1-PIPERIDINECARBOXANILIDE, 4-HYDROXY-2'-METHOXY-4-PHENYL-THIO-
UPDT:8402 MW: 342.49 MOLFM: C19-H22-N2-O2-S
SYN: 4-HYDROXY-N-(o-METHOXYPHENYL)-4-PHENYL-THIO-1-PIPERIDINECARBOXAMIDE * 1-((o-METHOXYPHENYL)AMINOTHIOCARBONYL)-4-HYDROXY-4-PHENYL PIPERIDINE * 1-PIPERIDINECARBOXAMIDE, 4-HYDROXY-N-(o-METHOXYPHENYL)-4-PHENYL-THIO-
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:1000 mg/kg IJPAAO 39,139,77

TM6124000 1-PIPERIDINECARBOXANILIDE, 4-HYDROXY-4'-METHOXY-4-PHENYL-THIO-
UPDT:8402 MW: 342.49 MOLFM: C19-H22-N2-O2-S
SYN: 4-HYDROXY-N-(p-METHOXYPHENYL)-4-PHENYL-THIO-1-PIPERIDINECARBOXAMIDE * 1-((p-METHOXYPHENYL)AMINOTHIOCARBONYL)-4-HYDROXY-4-PHENYL PIPERIDINE * 1-PIPERIDINECARBOXAMIDE, 4-HYDROXY-N-(p-METHOXYPHENYL)-4-PHENYL-THIO-
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:800 mg/kg IJPAAO 39,139,77

TM6125300 1-PIPERIDINECARBOXANILIDE, 3,4,5-TRIMETHOXY-
UPDT:8402 MW: 294.39 MOLFM: C15-H22-N2-O4
SYN: 3,4,5-TRIMETHOXY-1-PIPERIDINECARBOXANILIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1750 mg/kg APFRAD 40,339,82

4-PIPERIDINECARBOXYLIC ACID, 1-(2-(4-AMINOPHENYL)ETHYL)-4-PHENYL-, ETHYL ESTER see: NS5250000

TM6128600 3-PIPERIDINECARBOXYLIC ACID, 1-BUTYL-4-HYDROXY-, ETHYL ESTER, BENZOATE (ester), HYDROBROMIDE
UPDT:8407 MW: 414.39 MOLFM: C19-H27-N-O4·Br-H
SYN: BENZOIC ACID, 1-BUTYL-3-CARBETHOXY-4-PIPERIDYL ESTER HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:1200 mg/kg JACSAT 48,2179,26

4-PIPERIDINECARBOXYLIC ACID, 1-(2-(2-CHLORO-10-PHENOTHIAZINYL)PRODROCHLORIDE see: NS5270000

TM6135000 4-PIPERIDINECARBOXYLIC ACID, 1-(3-CYANO-3,3-DIPHENYLPROPYL)-, HYDROCHLORIDE
UPDT:8405 CAS: 69382-09-8 MW: 461.04 MOLFM: C28-H28-N2-O2·Cl-H
SYN: 1-(3-CYANO-3,3-DIPHENYLPROPYL)-4-PHENYLISONIPECOTIC ACID HYDROCHLORIDE * 1-(3-CYANO-3,3-DIPHENYLPROPYL)-4-PHENYL-4-PIPERIDINECARBOXYLIC ACID HYDROCHLORIDE * DIFENOXILIC ACID HYDROCHLORIDE * DIFENOXIN HYDROCHLORIDE * DIFENOXYLIC ACID HYDROCHLORIDE * R 15403
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:149 mg/g ARZNAD 22,516,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM6165000 4-PIPERIDINECARBOXYLIC ACID, 4-((CYCLOPROPYLCARBONYL)PHENYLAMINO)-1-(2-PHENYLETHYL)-, METHYL ESTER
UPDT:8405 CAS: 60645-01-4 MW: 406.57 MOLFM: C25-H30-N2-O3
SYN: METHYL 4-(N-(CYCLOPROPYLCARBONYL)-N-PHENYLAMINO)-1-(2-PHENYLETHYL)-4-PIPERIDINECARBOXYLATE * R 32767
TOXICITY DATA AND REFERENCES:
1F29 ivn-rat LD50:160 ug/kg ARZNAD 26,1548,76

TM6180000 PIPERIDINECARBOXYLIC ACID, DIANHYDRIDE with METHANEARSONOUS ACID
UPDT:7901 MW: 410.54 MOLFM: C13-H23-As-N2-S4
SYN: METHANEARSONOUS ACID, DIANHYDRIDE with PIPERIDINECARBOXYLIC ACID * METHYLARSYLENE BIS-(N-PENTAMETHYLENEDITHIOCARBAMATE)
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:50 mg/kg JPETAB 93,287,48
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

TM6225000 1-PIPERIDINECARBOXYLIC ACID, DIETHYLAMINOETHYL ESTER
UPDT:8310 CAS: 73790-59-7 MW: 228.38 MOLFM: C12-H24-N2-O2
SYN: DIETHYLAMINOETHYL-N-CARBOXYPIPERIDINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#04380

TM6260000 1-PIPERIDINECARBOXYLIC ACID, DITHIO-, ACETONYL ESTER
UPDT:8312 MW: 217.37 MOLFM: C9-H15-N-O-S2
SYN: DITHIO-1-PIPERIDINECARBOXYLIC ACID ACETONYL ESTER
TOXICITY DATA AND REFERENCES:
3F12F13J22 orl-mus LDLo:5 gm/kg APFRAD 14,720,56

TM6262000 1-PIPERIDINECARBOXYLIC ACID, DITHIO-, CARBAMOYLMETHYL ESTER, OXIME
UPDT:8312 MW: 233.38 MOLFM: C8-H15-N3-O-S2
SYN: DITHIO-1-PIPERIDINECARBOXYLIC ACID CARBAMOYLMETHYL ESTER OXIME * 1-PIPERIDINECARBOXYLIC ACID, DITHIO-, ESTER with 2-MERCAPTOACETAMIDOXIME
TOXICITY DATA AND REFERENCES:
3F12F13J22 orl-mus LDLo:2 gm/kg APFRAD 14,720,56

TM6263000 1-PIPERIDINECARBOXYLIC ACID, DITHIO-, CYANOMETHYL ESTER
UPDT:8312 MW: 200.34 MOLFM: C8-H12-N2-S2
SYN: DITHIO-1-PIPERIDINECARBOXYLIC ACID CYANOMETHYL ESTER
TOXICITY DATA AND REFERENCES:
3F12F13J22 orl-mus LDLo:3 gm/kg APFRAD 14,720,56

1-PIPERIDINECARBOXYLIC ACID, DITHIO-, ESTER with 2-MERCAPTOACETAMIDOXIME see: TM6262000

TM6264000 1-PIPERIDINECARBOXYLIC ACID, DITHIO-, ESTER with MERCAPTO-2-PROPANONE OXIME
UPDT:8312 MW: 232.39 MOLFM: C9-H16-N2-O-S2
SYN: DITHIO-1-PIPERIDINECARBOXYLIC ACID ESTER with MERCAPTO-2-PROPANONE OXIME
TOXICITY DATA AND REFERENCES:
3F12F13J22 orl-mus LDLo:5 gm/kg APFRAD 14,720,56

TM6265000 1-PIPERIDINECARBOXYLIC ACID, DITHIO-, ESTER with MERCAPTO-2-PROPANONE 3-THIOSEMICARBAZONE
UPDT:8312 MW: 258.44 MOLFM: C10-H18-N4-S2
SYN: DITHIO-1-PIPERIDINECARBOXYLIC ACID ESTER with MERCAPTO-2-PROPANONE 3-THIOSEMICARBAZONE
TOXICITY DATA AND REFERENCES:
3F12F13J22 orl-mus LDLo:2 gm/kg APFRAD 14,720,56

TM6268000 1-PIPERIDINECARBOXYLIC ACID, DITHIO-, SODIUM SALT
UPDT:8312 MW: 183.28 MOLFM: C6-H10-N-S2·Na
SYN: DITHIO-1-PIPERIDINECARBOXYLIC ACID SODIUM SALT
TOXICITY DATA AND REFERENCES:
3F12F13J22 orl-mus LDLo:1250 mg/kg APFRAD 14,720,56

TM6317050 3-PIPERIDINECARBOXYLIC ACID, 4-HYDROXY-1-ISOPROPYL-, ETHYL ESTER, BENZOATE (ester), HYDROBROMIDE
UPDT:8310 MW: 400.36 MOLFM: C18-H25-N-O4·Br-H
SYN: BENZOIC ACID, 1-ISOPROPYL-3-CARBETHOXY-4-PIPERIDYL ESTER HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:150 mg/kg JACSAT 48,2179,26

TM6317400 3-PIPERIDINECARBOXYLIC ACID, 4-HYDROXY-1-METHYL-, ETHYL ESTER, p-AMINOBENZOATE, HYDROCHLORIDE
UPDT:8403 MW: 342.86 MOLFM: C16-H22-N2-O4·Cl-H
SYN: 3-CARBETHOXY-1-METHYL-4-PIPERIDYL p-AMINOBENZOATE HYDROCHLORIDE * 3-ETHOXYCARBONYL-1-METHYL-4-PIPERIDYL p-AMINOBENZOATE HYDROCHLORIDE * ETHYL 4-HYDROXY-1-METHYL-3-PIPERIDINECARBOXYLATE p-AMINOBENZOATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
unk-mus LDLo:100 mg/kg JACSAT 48,2239,26

3-PIPERIDINECARBOXYLIC ACID, 4-HYDROXY-1-METHYL-, METHYL ESTER, HYDROBROMIDE, cis- see: QU1980000

3-PIPERIDINECARBOXYLIC ACID, 4-HYDROXY-1-METHYL-, METHYL ESTER, HYDROBROMIDE, trans- see: QU1985000

TM6318050 3-PIPERIDINECARBOXYLIC ACID, 4-HYDROXY-1-PENTYL-, ETHYL ESTER, BENZOATE (ester), HYDROCHLORIDE
UPDT:8310 MW: 383.96 MOLFM: C20-H29-N-O4·Cl-H
SYN: BENZOIC ACID, 1-PENTYL-3-CARBETHOXY-4-PIPERIDYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:4000 mg/kg JACSAT 48,2179,26

3-PIPERIDINECARBOXYLIC ACID, 1-METHYL-, METHYL ESTER see: QU1987000

3-PIPERIDINECARBOXYLIC ACID, 1-METHYL-4-OXO-, METHYL ESTER, HYDROCHLORIDE see: QU1990000

TM6367500 4-PIPERIDINECARBOXYLIC ACID, 3-METHYL-4-((1-OXOPROPYL)PHENYLAMINO)-1-(2-PHENYLETHYL)-, METHYL ESTER
UPDT:8405 CAS: 60645-00-3 MW: 408.59 MOLFM: C25-H32-N2-O3
SYN: R 32792
TOXICITY DATA AND REFERENCES:
1F29 ivn-rat LD50:200 ug/kg ARZNAD 26,1548,76

4-PIPERIDINECARBOXYLIC ACID, 1-METHYL-4-PHENYL-, ETHYL ESTER, HYDROCHLORIDE see: NS5950000

TM6372000 4-PIPERIDINECARBOXYLIC ACID, 1-(1-METHYL-2-PHENYLETHYL)-4-((1-OXOPROPYL)PHENYLAMINO)-, METHYL ESTER
UPDT:8405 CAS: 60645-02-5 MW: 408.59 MOLFM: C25-H32-N2-O3
SYN: METHYL 1-(1-METHYL-2-PHENYLETHYL)-4-(N-(1-OXOPROPYL)-N-PHENYLAMINO)-4-PIPERIDINECARBOXYLATE * R 32721
TOXICITY DATA AND REFERENCES:
1F29 ivn-rat LD50:2380 ug/kg ARZNAD 26,1548,76

2-PIPERIDINECARBOXYLIC ACID, 1-NITROSO- see: TK6022000

TM6406000 4-PIPERIDINECARBOXYLIC ACID, 4((1-OXOPROPYL)PHENYLAMINO)-1-(2-PHENYLETHYL)-, METHYL ESTER
UPDT:8405 CAS: 59708-52-0 MW: 394.56 MOLFM: C24-H30-N2-O3
SYN: CARFENTANIL * CARFENTANILA (Spanish) * CARFENTANYL * METHYL 1-PHENETHYL-4-(N-PHENYLPROPIONAMIDO)ISONIPECOTATE * METHYL 4-(N-(1-OXOPROPYL)-N-PHENYLAMINO)-1-(2-PHENYLETHYL)-4-PIPERIDINECARBOXYLATE * METHYL 4-(N-PROPIONYL-N-PHENYLAMINO)-1-(2-PHENYLETHYL)-4-PIPERIDINE CARBOXYLATE * 4-((1-OXOPROPYL)PHENYLAMINO)-1-(2-PHENYLETHYL)-4-PIPERIDINECARBOXYLIC ACID METHYL ESTER * R 31833 * R 33799
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:3390 ug/kg DRFUD4 3,800,78

TM6406500 4-PIPERIDINECARBOXYLIC ACID, 4-((1-OXOPROPYL)PHENYLAMINO)-1-(2-(2-THIENYL)ETHYL)-, METHYL ESTER
UPDT:8405 CAS: 60771-38-2 MW: 400.58 MOLFM: C22-H28-N2-O3-S
SYN: METHYL 4-(N-(1-OXOPROPYL)-N-PHENYLAMINO)-1-(2-(2-THIENYL)ETHYL)-4-PIPERIDINECARBOXYLATE * R 31826
TOXICITY DATA AND REFERENCES:
1F29 ivn-rat LD50:2800 ug/kg ARZNAD 26,1548,76

TM6468100 PIPERIDINE, 1-CHLORO-
UPDT:8409 CAS: 2156-71-0 MW: 119.61 MOLFM: C5-H10-Cl-N
SYN: N-CHLOROPIPERIDINE * 1-CHLOROPIPERIDINE * NCP
MUTATION DATA AND REFERENCES:
mma-sat 32 ug/plate JEPTDQ 4(2-3),345,80
bfa-mus/sat 50 mg/kg JEPTDQ 4(2-3),345,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 orl-mus TDLo:16 gm/kg (40D male) JACTDZ 2(2),209,83
1T23 orl-mus TDLo:2800 mg/kg (7D male) JACTDZ 2(2),209,83
1T22 orl-mus TDLo:2800 mg/kg (7D pre) JACTDZ 2(2),209,83
1T01 orl-ham TDLo:16 gm/kg (40D male) JACTDZ 2(2),209,83

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg JEPTDQ 4(2-3),345,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM6483000 PIPERIDINE, 1-(3-CHLORO-4-(p-METHOXYPHENYL)-2-BUTENYL)-, HYDROCHLORIDE
UPDT:8303 CAS: 34551-91-2 MW: 316.30 MOLFM: C16-H22-Cl-N-O Cl-H
SYN: 1-(3-CHLORO-4-(p-METHOXYPHENYL)-2-BUTENYL)PIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:155 mg/kg RPTOAN 40,69,77
ipr-mus LD50:155 mg/kg RPTOAN 40,69,77

TM6483400 PIPERIDINE, 1-(2-((5-CHLORO-2-METHOXYPHENYL)SULFONYL)ETHYL)-
UPDT:8305 MW: 317.86 MOLFM: C14-H20-Cl-N-O3-S
SYN: 1-(2-((5-CHLORO-2-METHOXYPHENYL)SULFONYL)ETHYL)PIPERIDINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:430 mg/kg APFRAD 39,283,81

TM6483600 PIPERIDINE, 1-(3-((5-CHLORO-2-METHOXYPHENYL)SULFONYL)PROPYL)-, METHANESULFONATE
UPDT:8303 MW: 428.00 MOLFM: C15-H22-Cl-N-O3-S C-H4-O3-S
SYN: 1-(3-((5-CHLORO-2-METHOXYPHENYL)SULFONYL)PROPYL)PIPERIDINE METHANESULFONATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:325 mg/kg APFRAD 39,283,81
* ivn-mus LD50:83 mg/kg APFRAD 39,283,81

TM6484450 PIPERIDINE, 3-CHLORO-1-NITROSO-
UPDT:8407 CAS: 65445-60-5 MW: 148.61 MOLFM: C5-H9-Cl-N2-O
SYN: 3-CHLORONITROSOPIPERIDINE * 3-CHLORO-1-NITROSOPIPERIDINE * N-NITROSO-3-CHLOROPIPERIDINE
MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate MUREAV 56,131,77
sln-dmg-orl 5 mmol/L/24H MUREAV 67,27,79
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:300 mg/kg/30W-C CNREAB 40,3325,80
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM6484500 PIPERIDINE, 4-CHLORO-1-NITROSO-
UPDT:8401 CAS: 65445-61-6 MW: 148.61 MOLFM: C5-H9-Cl-N2-O
SYN: 4-CHLORONITROSOPIPERIDINE * N-NITROSO-4-CHLOROPIPERIDINE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate MUREAV 56,131,77
sln-dmg-orl 5 mmol/L/24H MUREAV 67,27,79
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:300 mg/kg/30W-C CNREA8 40,3325,80
3V03K60L60 orl-rat TD :540 mg/kg/27W-I ZKKOBW 92,217,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM6491000 PIPERIDINE, 1-(2-((p-CHLORO-alpha-PHENYLBENZYL)OXY)ETHYL)-
UPDT:8307 CAS: 3703-76-2 MW: 329.90 MOLFM: C20-H24-Cl-N-O
SYN: CLOPERASTINE * PIPERIDINE, 1-(2-((4-CHLOROPHENYL)PHENYLMETHOXY)ETHYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2325 mg/kg NIIRDN 6,241,82
* ipr-rat LD50:120 mg/kg NIIRDN 6,241,82
* orl-mus LD50:600 mg/kg NIIRDN 6,241,82
* ipr-mus LD50:96 mg/kg NIIRDN 6,241,82

TM6492000 PIPERIDINE, 1-(3-CHLORO-4-PHENYL-2-BUTENYL)-, HYDROCHLORIDE
UPDT:8302 CAS: 34551-93-4 MW: 286.27 MOLFM: C15-H20-Cl-N Cl-H
SYN: 1-(3-CHLORO-4-PHENYL-2-BUTENYL)PIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:92 mg/kg RPTOAN 40,69,77
ipr-mus LD50:92 mg/kg RPTOAN 40,69,77

TM6492500 PIPERIDINE, 1-(4-(o-CHLOROPHENYL)-2-BUTENYL)-, HYDROCHLORIDE
UPDT:8302 CAS: 34551-94-5 MW: 286.27 MOLFM: C15-H20-Cl-N Cl-H
SYN: 1-(4-(o-CHLOROPHENYL)-2-BUTENYL)PIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:98 mg/kg RPTOAN 40,69,77
ipr-mus LD50:98 mg/kg RPTOAN 40,69,77

TM6498300 PIPERIDINE, 1-(3-(p-CHLOROPHENYL)-3-(2-METHYL-4-PYRIDYL)PROPYL)-
UPDT:8412 MW: 336.89 MOLFM: C21-H21-Cl-N2
TOXICITY DATA AND REFERENCES:
* scu-gpg LD50:500 mg/kg YKKZAJ 76,1430,56

PIPERIDINE, 1-(2-((4-CHLOROPHENYL)PHENYLMETHOXY)ETHYL)- (9CI) see: TM6491000

TM6498620 PIPERIDINE, 2-((7-CHLORO-4-QUINOLYLAMINO)ACETYL)-
UPDT:8303 MW: 303.82 MOLFM: C16-H18-Cl-N3-O
SYN: 2-((7-CHLORO-4-QUINOLYLAMINO)ACETYL)PIPERIDINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:117 mg/kg BCFAAI 120,308,81

TM6498800 PIPERIDINE, 1-(3-CHLORO-4-(p-TOLYL)-2-BUTENYL)-, HYDROCHLORIDE
UPDT:8302 CAS: 34551-92-3 MW: 300.30 MOLFM: C16-H22-Cl-N Cl-H
SYN: 1-(3-CHLORO-4-(p-TOLYL)-2-BUTENYL)PIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:85 mg/kg RPTOAN 40,69,77
ipr-mus LD50:85 mg/kg RPTOAN 40,69,77

TM6499700 PIPERIDINE, 1-(1-CINNAMYLCYCLOHEXYL)-
UPDT:8303 CAS: 14228-25-2 MW: 283.50 MOLFM: C20-H29-N
SYN: (CINNAMYL-1 CYCLOHEXYLE)-N PIPERIDINE (French) * 1-(1-CINNAMYLCYCLOHEXYL)PIPERIDINE
TOXICITY DATA AND REFERENCES:
1F24 ipr-mus LD50:1200 mg/kg CHTPBA 1,284,66

TM6537000 PIPERIDINE, 1-(CYCLOHEXYLCARBONYL)-2,6-DIMETHYL-
UPDT:8311 CAS: 5005-28-7 MW: 223.40 MOLFM: C14-H25-N-O
SYN: AI3-36540 * AI3-36540a * 1-(CYCLOHEXYLCARBONYL)-2,6-DIMETHYLPIPERIDINE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD AEHA** 51-0817-77
eye-rbt 100 mg/24H MOD AEHA** 51-029-76

TM6537200 PIPERIDINE, 1-(CYCLOHEXYLCARBONYL)-2-ETHYL-
UPDT:8311 CAS: 64498-16-4 MW: 223.40 MOLFM: C14-H25-N-O
SYN: AI3-36539 * 1-CYCLOHEXYLCARBONYL-2-ETHYLPIPERIDINE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD AEHA** 51-0816-77
eye-rbt 100 mg/24H MLD AEHA** 51-0816-77

TM6537500 PIPERIDINE, 1-(CYCLOHEXYLCARBONYL)-2-METHYL-
UPDT:8311 CAS: 62498-66-2 MW: 209.37 MOLFM: C13-H23-N-O
SYN: AI3-36536 * 1-(CYCLOHEXYLCARBONYL)-2-METHYLPIPERIDINE
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MOD AEHA** 51-029-76

TM6537600 PIPERIDINE, 1-(CYCLOHEXYLCARBONYL)-3-METHYL-
UPDT:8312 MW: 209.37 MOLFM: C13-H23-N-O
SYN: AI3-36037 * 1-(CYCLOHEXYLCARBONYL)-3-METHYLPIPERIDINE
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H MOD AEHA** 51-029-76

TM6537700 PIPERIDINE, 1-(CYCLOHEXYLCARBONYL)-4-METHYL-
UPDT:8311 CAS: 62972-64-9 MW: 209.37 MOLFM: C13-H23-N-O
SYN: AI3-36538 * AI3-36536-Go * 1-(CYCLOHEXYLCARBONYL)-4-METHYLPIPERIDINE
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV AEHA** 51-0813-77
eye-rbt 100 mg/24H MOD AEHA** 51-029-76

TM6607000 PIPERIDINE, 1-(CYCLOHEXYLMETHYL)-, HYDROCHLORIDE
UPDT:8307 CAS: 5005-71-0 MW: 217.82 MOLFM: C12-H23-N Cl-H
SYN: CHLORHYDRATE de PIPERIDINOMETHYLCYCLOHEXANE (French) * CYCLOHEXANE, PIPERIDINOMETHYL-, HYDROCHLORIDE * 1-(CYCLOHEXYLMETHYL)PIPERIDINE HYDROCHLORIDE * PIPERIDINOMETHYLCYCLOHEXANE CHLORHYDRATE SALT * SD 210-32
TOXICITY DATA AND REFERENCES:
orl-mus LD50:205 mg/kg AIPTAK 167,273,67
* ipr-mus LD50:65 mg/kg APFRAD 24,785,66
ivn-mus LD50:25 mg/kg AIPTAK 167,273,67

TM6613000 PIPERIDINE, 1-(CYCLOHEXYLMETHYL)-, 2-OXO-10-BORNANESULFONATE, (+-)-
UPDT:8303 CAS: 5005-73-2 MW: 413.68 MOLFM: C12-H23-N C10-H16-O4-S
SYN: dl-CAMPHO-10 SULFONATE de PIPERIDINOMETHYLCYCLOHEXANE (French) * 1-(CYCLOHEXYLMETHYL)PIPERIDINE (+-)-2-OXO-10-BORNANESULFONATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:134 mg/kg APFRAD 24,785,66

TM6622000 PIPERIDINE, 1-(CYCLOHEXYLMETHYL)-, 1,2,3,6-TETRAHYDRO-1,3-DIMETHYL-2,6-DIOXOPURINE-7-ACETATE
UPDT:8303 CAS: 15031-52-4 MW: 419.59 MOLFM: C12-H23-N C9-H10-N4-O4
SYN: 1-(CYCLOHEXYLMETHYL)PIPERIDINE 1,2,3,6-TETRAHYDRO-1,3-DIMETHYL-2,6-DIOXOPURINE-7-ACETATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:127 mg/kg APFRAD 24,785,66

TM6637000 PIPERIDINE, 4-(CYCLOHEXYLSULFONYL)-1-METHYL-4-PHENYL-, HYDROCHLORIDE
UPDT:8312 MW: 357.98 MOLFM: C18-H27-N-O2-S Cl-H
SYN: 4-(CYCLOHEXYLSULFONYL)-1-METHYL-4-PHENYLPIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:375 mg/kg APFRAD 12,241,54

TM6700000 PIPERIDINE, 1-(2-((4,6-DIACETYL-7-BENZOFURANYL)OXY)ETHYL)-, HYDROCHLORIDE
UPDT:8412 MW: 365.89 MOLFM: C19-H23-N-O4 Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:150 mg/kg APFRAD 41,603,83

TM7000000 PIPERIDINE, 4-(5H-DIBENZO(a,d)CYCLOHEPTEN-5-YLIDENE)-1-METHYL-
UPDT:8412 CAS: 129-03-3 MW: 287.43 MOLFM: C21-H21-N
SYN: CYPROHEPTADINE * 4-(5-DIBENZO(a,d)CYCLOHEPTEN-5-YLIDINE)-1-METHYLPIPERIDINE * 4-(5H-DIBENZO(a,d)CYCLOHEPTEN-5-YLIDENE)-1-METHYLPIPERIDINE * DRONACTIN * MK 141 * PERIACTIN * PERIACTINE * PERIACTINOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T35T46T76 ipr-rat TDLo:10 mg/kg (10D preg) AIPTAK 257,168,82
1T25 ipr-rat TDLo:20 mg/kg (13D preg) AIPTAK 257,168,82
1T75 ipr-rat TDLo:20 mg/kg (10D preg) AIPTAK 257,168,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:295 mg/kg 27ZQAG -,69,72
ipr-rat LD50:52 mg/kg 27ZQAG -,69,72
orl-mus LD50:123 mg/kg 27ZQAG -,69,72
ipr-mus LD50:55 mg/kg 27ZQAG -,69,72
scu-mus LD50:107 mg/kg 27ZQAG -,69,72
ivn-mus LD50:23 mg/kg 27ZQAG -,69,72
orl-dog LDLo:50 mg/kg 27ZIAQ -,82,73
ivn-rbt LDLo:3500 ug/kg 27ZQAG -,69,72
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM7050000 PIPERIDINE, 4-(5H-DIBENZO(a,d)CYCLOHEPTEN-5-YLIDENE)-1-METHYL-, HYDROCHLORIDE
UPDT:8406 CAS: 969-33-5 MW: 323.89 MOLFM: C21-H21-N Cl-H
SYN: CYPROHEPTADIENE HYDROCHLORIDE * CYPROHEPTADINE * CYPROHEPTADINE HYDROCHLORIDE * 4-(5-DIBENZO(a,e)CYCLOHEPTATRIENYLIDENE)PIPERIDINE HYDROCHLORIDE * 1-METHYL-4-(5-DIBENZO(a,e)CYCLOHEPTATRIENYLIDENE)PIPERIDINE HYDROCHLORIDE * PERIACTIN HYDROCHLORIDE
MUTATION DATA AND REFERENCES:
cyt-hmn:lym 2200 umol/L/24H-C ZEKIA5 118,219,74
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:60 mg/kg (5-16D preg) RCOCB8 7,701,74
1T31 orl-rat TDLo:120 mg/kg (5-16D preg) RCOCB8 7,701,74
2T25T55 orl-rat TDLo:250 mg/kg (6-15D preg) TCMUD8 3,439,83
TOXICITY DATA AND REFERENCES:
3K30L11L14 orl-wmn TDLo:7 mg/kg/4W-C BMJOAE 1,753,78
* orl-rat LD50:295 mg/kg NIIRDN 6,340,82
orl-mus LD50:74 mg/kg ARZNAD 28,1644,78
ipr-mus LD50:200 mg/kg TXAPA9 28,227,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM7054000 PIPERIDINE, 3,4-DIBROMO-1-NITROSO-
UPDT:8401 CAS: 57541-73-8 MW: 271.97 MOLFM: C5-H8-Br2-N2-O
SYN: 3,4-DIBROMONITROSOPIPERIDINE * N-NITROSO-3,4-DIBROMOPIPERIDINE
MUTATION DATA AND REFERENCES:
mmo-sat 200 ug/plate MUREAV 56,131,77
mmo-sat 1 umol/plate MUREAV 56,131,77
sln-dmg-orl 1 mmol/L/24H MUREAV 67,27,79
TUMORIGENIC DATA AND REFERENCES:
3V03J60K60 orl-rat TDLo:1090 mg/kg/27W-C CNREA8 35,3209,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM7066400 1,3-PIPERIDINEDICARBOXAMIDE, N(sup 1),N'(sup 1)-ETHYLENEBIS(N(sup 1)-BUTYL-N(sup 3), N(sup 3)-DIETHYL-
UPDT:8407 MW: 592.98 MOLFM: C32-H60-N6-O4
SYN: N,N'-DIBUTYL-N,N'-BIS(3-(N,N-DIETHYLCARBAMOYL)PIPERIDINOCARBONYL)ETHYLENEDIAMINE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:221 mg/kg CPBTAL 21,1,73

TM7067000 PIPERIDINE, 3,4-DICHLORO-1-NITROSO-
UPDT:8401 CAS: 57541-72-7 MW: 183.05 MOLFM: C5-H8-Cl2-N2-O
SYN: 3,4-DICHLORONITROSOPIPERIDINE * N-NITROSO-3,4-DICHLOROPIPERIDINE
MUTATION DATA AND REFERENCES:
mmo-sat 200 ug/plate MUREAV 56,131,77
mmo-sat 10 nmol/plate MUREAV 57,85,78
sln-dmg-orl 200 umol/L/24H MUREAV 67,27,79
TUMORIGENIC DATA AND REFERENCES:
3V03D09K60 orl-rat TDLo:169 mg/kg/30W-I ZKKOBW 92,221,78
3V03J60K60 orl-rat TD:366 mg/kg/15W-C CNREA8 35,3209,75
2V03K60 orl-rat TD:260 mg/kg/21W-C CNREA8 40,3325,80
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM7068000 PIPERIDINE, 2-(2,2-DICYCLOHEXYLETHYL)-, MALEATE (1:1)
UPDT:8411 CAS: 6724-53-4 MW: 393.63 MOLFM: C19-H35-N C4-H4-O4
SYN: 2-(2,2-DICYCLOHEXYLETHYL)PIPERIDINE MALEATE * PERHEXILINE MALEATE * PEXID
TOXICITY DATA AND REFERENCES:
3C10F17F18 orl-man TDLo:857 mg/kg/40W BMJOAE 1,1256,76
3F07F19U01 orl-rat LD50:2150 mg/kg OYYAA2 14,337,77
3F07J25U26 ipr-rat LD50:106 mg/kg OYYAA2 21,83,81
3F07F19U01 orl-mus LD50:2641 mg/kg OYYAA2 14,337,77
3F19J25U26 ipr-mus LD50:107 mg/kg OYYAA2 21,83,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PIPERIDINE, 1-(N,N-DIETHYLGLYCYL)-2-(2,2-DIPHENYL-1,3-DIOXOLAN-4-YL)-, HYDROCHLORIDE, alpha- see: JH7440000

TM7175500 PIPERIDINE, 1-(2-((6,11-DIHYDRODIBENZO(b,e)THIEPIN-11-YL)OXY)ETHYL)-, FUMARATE (1:1)
UPDT:8412 CAS: 1253-02-7 MW: 453.61 MOLFM: C21-H25-N-O-S C4-H4-O4
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg ARZNAD 15,524,65

TM7176000 PIPERIDINE, 1-(((1,2-DIHYDRO-5,6,17,19,21-PENTAHYDROXY-23-METHOXY-2,4,12,16,18,20,22- HEPTAMETHYL-1,11-DIOXO-2,7-(EPOXYPENTADECA(1,11,13)TRIENIMINO)NAPHTHO(2,1-b)FURAN-9-YL)OXY) ACETYL)-, 21-ACETATE
UPDT:8402 CAS: 14487-04-8 MW: 823.04 MOLFM: C44-H58-N2-O13
SYN: RIFAMYCIN B PIPERIDIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:285 mg/kg JMCMAR 7,596,64

TM7293600 PIPERIDINE, 1-(2-(p-(alpha,beta-DIMETHYL-p-METHOXYPHENETHYL)PHENOXY)ETHYL)-, erythro-
UPDT:8403 CAS: 15515-48-7 MW: 367.58 MOLFM: C24-H33-N-O2
SYN: erythro-1-(2-(p-(alpha,beta-DIMETHYL-p-METHOXYPHENETHYL)PHENOXY)ETHYL)PIPERIDINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:40 mg/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM7293700 PIPERIDINE, 1-(2-(p-(alpha,beta-DIMETHYL-p-METHOXYSTYRYL)PHENOXY)ETHYL)-, HYDROCHLORIDE, (E)-
UPDT:8403 CAS: 15542-09-3 MW: 402.02 MOLFM: C24-H31-N-O2 Cl-H
SYN: trans-1-(2-(p-(alpha,beta-DIMETHYL-p-METHOXYSTYRYL)PHENOXY)ETHYL)PIPERIDINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:1200 ug/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM7294000 PIPERIDINE, 2,6-DIMETHYL-1-((2-METHYLCYCLOHEXYL)CARBONYL)-
UPDT:8311 MW: 237.43 MOLFM: C15-H27-N-O
SYN: AI3-36561 * 2,6-DIMETHYL-1-((2-METHYLCYCLOHEXYL)CARBONYL)PIPERIDINE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD AEHA** 51-029-76
eye-rbt 100 mg/24H MOD AEHA** 51-029-76

TM7320000 PIPERIDINE, 2,6-DIMETHYL-1-NITROSO-
UPDT:8401 CAS: 17721-95-8 MW: 142.23 MOLFM: C7-H14-N2-O
SYN: 2,6-DIMETHYLNITROSOPIPERIDINE * N-NITROSO-2,6-DIMETHYLPIPERIDINE
TUMORIGENIC DATA AND REFERENCES:
3V03D09K60 orl-rat TDLo:2813 mg/kg/50W-I IJCNAW 16,318,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM7322000 PIPERIDINE, 3,5-DIMETHYL-1-NITROSO-
UPDT:8401 CAS: 65445-59-2 MW: 142.23 MOLFM: C7-H14-N2-O
SYN: 3,5-DIMETHYLNITROSOPIPERIDINE * 3,5-DIMETHYL-1-NITROSOPIPERIDINE * N-NITROSO-3,5-DIMETHYLPIPERIDINE
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate MUREAV 56,131,77
sln-dmg-orl 5 mmol/L/24H MUREAV 67,27,79
mma-smc 50 mmol/L/24H MUREAV 57,155,78
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:3100 mg/kg/50W-I JJIND8 68,989,82
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM7322300 PIPERIDINE, 3,5-DIMETHYL-1-NITROSO-, (E)-
UPDT:8305 MW: 142.23 MOLFM: C7-H14-N2-O
SYN: trans-3,5-DIMETHYL-1-NITROSOPIPERIDINE * NITROSO-3,5-DIMETHYLPIPERIDINE trans-isomer
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate TCMUD8 1,295,80
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:500 mg/kg/50W-I JJIND8 68,989,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM7322350 PIPERIDINE, 3,5-DIMETHYL-1-NITROSO-, (Z)-
UPDT:8305 MW: 142.23 MOLFM: C7-H14-N2-O
SYN: cis-3,5-DIMETHYL-1-NITROSOPIPERIDINE * NITROSO-3,5-DIMETHYLPIPERIDINE cis-isomer
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate TCMUD8 1,295,80
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:2550 mg/kg/50W-I JJIND8 68,989,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM7322500 PIPERIDINE, 1-(2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYL)-, CITRATE
UPDT:8406 CAS: 53251-88-0 MW: 471.66 MOLFM: C18-H33-N-O C6-H8-O7
SYN: 1-(2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYL)PIPERIDINE CITRATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg APFRAD 40,133,82

TM7322600 PIPERIDINE, 1-(2-(2-(6,6-DIMETHYL-2-NORPINEN-2-YL)ETHOXY)ETHYL)-, CITRATE
UPDT:8406 CAS: 68342-82-5 MW: 469.64 MOLFM: C18-H31-N-O C6-H8-O7
SYN: 1-(2-(2-(6,6-DIMETHYL-2-NORPINEN-2-YL)ETHOXY)ETHYL)PIPERIDINE CITRATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg APFRAD 40,133,82

TM7336000 PIPERIDINE, 2,5-DIMETHYL-4-PHENYL-4-PROPIONYLOXY-1-PYRROLIDINYLPROPYL-
UPDT:8403 CAS: 54521-98-1 MW: 372.61 MOLFM: C23-H36-N2-O2
SYN: 2,5-DIMETHYL-4-PHENYL-4-PROPIONYLOXY-1-PYRROLIDINYLPROPYLPIPERIDINE * PROPIONIC ACID, (4-(2,5-DIMETHYL-4-PHENYL-1-PYRROLIDINYLPROPYLPIPERIDINYL) ESTER
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:435 mg/kg PCJOAU 8,597,74

TM7337000 PIPERIDINE, 1-(1,1-DIMETHYLPROPYL)-4,4-DIPHENYL-, HYDROCHLORIDE
UPDT:8408 MW: 343.98 MOLFM: C22-H29-N Cl-H
SYN: 1-(1,1-DIMETHYLPROPYL)-4,4-DIPHENYLPIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F13F17 orl-mus LD50:140 mg/kg ARZNAD 34,233,84
2F13F17 ivn-mus LD50:25 mg/kg ARZNAD 34,233,84

TM7337500 PIPERIDINE, 1-(3-(2,6-DIMETHYL-4-PYRIDYL)-3-PHENYLPROPYL)-
UPDT:8411 MW: 308.51 MOLFM: C21-H28-N2
TOXICITY DATA AND REFERENCES:
* scu-gpg LD50:300 mg/kg YKKZAJ 76,1430,56

TM7338000 PIPERIDINE, 1,1'-((DIMETHYLVINYLENE)BIS(p-PHENYLENEOXY))DI-, (E)-
UPDT:8403 CAS: 15542-07-1 MW: 462.74 MOLFM: C30-H42-N2-O2
SYN: trans-1,1'-((DIMETHYLVINYLENE)BIS(p-PHENYLENEOXY))DIPIPERIDINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:3 mg/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2,6-PIPERIDINEDIONE, 3-(4-AMINOPHENYL)-3-ETHYL- see: MA4026950
2,6-PIPERIDINEDIONE, 3-(4-AMINOPHENYL)-3-ETHYL-, PHOSPHATE (1:1) (8CI) see: MA4027000
2,4-PIPERIDINEDIONE, 1-((1,3-BENZODIOXOL-5-YLMETHYLENE)AMINO)-3,3-DIETHYL-5-METHYL- see: TM7364000

TM7342500 2,4-PIPERIDINEDIONE, 1-(BENZYLIDENEAMINO)-3,3-DIETHYL-5-METHYL-
UPDT:8403 CAS: 39844-57-0 MW: 286.41 MOLFM: C17-H22-N2-O2
SYN: 1-BENZYLIDENAMININO-3,3-DIAETHYL-5-METHYL-2,4-PIPERIDINDION (German) * 1-(BENZYLIDENEAMINO)-3,3-DIETHYL-5-METHYLPIPERIDINE-2,4-DIONE
TOXICITY DATA AND REFERENCES:
1F21 unk-mam LD50:800 mg/kg PHARAT 27,636,72

TM7346000 2,4-PIPERIDINEDIONE, 3,3-DIETHYL-1-((3,4-DIHYDROXYBENZYLIDENE)AMINO)-5-METHYL-
UPDT:8403 CAS: 39844-59-2 MW: 318.41 MOLFM: C17-H22-N2-O4
SYN: 3,3-DIETHYL-1-((3,4-DIHYDROXYBENZYLIDENE)AMINO)-5-METHYL-2,4-PIPERIDINEDIONE * 1-(3,4-DIHYDROXYBENZYLIDEN)AMINO-3,3-DIAETHYL-5-METHYL-2,4-PIPERIDINDION (German) * 2,4-PIPERIDINEDIONE, 1-(((3,4-DIHYDROXYPHENYL)METHYLENE)AMINO)-3,3-DIETHYL-5-METHYL- (9CI)
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:500 mg/kg PHARAT 27,636,72

TM7347000 2,4-PIPERIDINEDIONE, 3,3-DIETHYL-1-((o-HYDROXYBENZYLIDENE)AMINO)-5-METHYL-
UPDT:8403 CAS: 39844-58-1 MW: 302.41 MOLFM: C17-H22-N2-O3
SYN: 3,3-DIETHYL-1-((o-HYDROXYBENZYLIDENE)AMINO)-5-METHYL-2,4-PIPERIDINEDIONE * 1-(2-HYDROXYBENZYLIDEN)AMINO-3,3-DIAETHYL-5-METHYL-2,4-PIPERIDINDION (German) * 2,4-PIPERIDINEDIONE, 3,3-DIETHYL-1-(((2-HYDROXYPHENYL)METHYLENE)AMINO)-5-METHYL- (9CI)
TOXICITY DATA AND REFERENCES:
1J22 unk-mam LD50:1000 mg/kg PHARAT 27,636,72

TM7348000 2,4-PIPERIDINEDIONE, 3,3-DIETHYL-1-((4-HYDROXY-3-METHOXYBENZYLIDENE)AMINO)-5-METHYL-
UPDT:8403 CAS: 39844-60-5 MW: 332.44 MOLFM: C18-H24-N2-O4
SYN: 3,3-DIETHYL-1-((4-HYDROXY-3-METHOXYBENZYLIDENE)AMINO)-5-METHYL-2,4-PIPERIDINEDIONE * 1-(3-METHOXY-4-HYDROXYBENZYLIDEN)AMINO-3,3-DIAETHYL-5-METHYL-2,4-PIPERIDINDION (German) * 2,4-PIPERIDINEDIONE, 3,3-DIETHYL-1-(((4-HYDROXY-3-METHOXYPHENYL)METHYLENE)AMINO)-5-METHYL-
TOXICITY DATA AND REFERENCES:
2F05J22 unk-mam LD50:1000 mg/kg PHARAT 27,636,72

2,4-PIPERIDINEDIONE, 3,3-DIETHYL-1-(((4-HYDROXY-3-METHOXYPHENYL)METHYLENE)AMINO)-5-METHYL- see: TM7348000
2,4-PIPERIDINEDIONE, 3,3-DIETHYL-1-(((2-HYDROXYPHENYL)METHYLENE)AMINO)-5-METHYL- (9CI) see: TM7347000

TM7350000 2,4-PIPERIDINEDIONE, 3,3-DIETHYL-5-METHYL-
UPDT:8403 CAS: 125-64-4 MW: 183.28 MOLFM: C10-H17-N-O2
SYN: 3,3-DIETHYL-2,4-DIOXO-5-METHYLPIPERIDINE * 3,3-DIETHYL-5-METHYL-2,4-PIPERIDINEDIONE * 3,3-DIETHYL-5-METHYLPIPERIDINE-2,4-DIONE * DIMERIN * 2,4-DIOXY-3,3-DIETHYL-5-METHYLPIPERIDINE * METHYPROLON * METIPRILONE * METHYPRYLON * NOCTAN * NOLUDAR * RO 1-6463
TOXICITY DATA AND REFERENCES:
3F01F17J30 orl-wmn TDLo:600 mg/kg JAMAAP 198,1213,66
3D15F01F24 orl-hmn TDLo:124 mg/kg AJDDAL 23,33s,78
orl-rat LD50:860 mg/kg 27ZQAG -,264,72
scu-rat LD50:400 mg/kg 27ZQAG -,264,72
ivn-rat LD50:380 mg/kg 27ZQAG -,264,72
orl-mus LD50:929 mg/kg 27ZQAG -,264,72
ipr-mus LD50:1000 mg/kg 27ZQAG -,264,72
ivn-mus LD50:275 mg/kg 27ZQAG -,264,72
orl-dog LD50:300 mg/kg CLDND*
orl-cat LD50:600 mg/kg CLDND*
orl-rbt LD50:520 mg/kg 27ZQAG -,264,72
scu-rbt LD50:500 mg/kg 27ZQAG -,264,72
ivn-rbt LD50:315 mg/kg 27ZQAG -,264,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM7360000 2,4-PIPERIDINEDIONE, 3,3-DIETHYL-5-METHYL-1-((p-NITROBENZYLIDENE)AMINO)-
UPDT:8403 CAS: 39844-62-7 MW: 331.41 MOLFM: C17-H21-N3-O4
SYN: 3,3-DIETHYL-5-METHYL-1-((p-NITROBENZYLIDENE)AMINO)-2,4-PIPERIDINEDIONE * 1-(4-NITROBENZYLIDEN)AMINO-3,3-DIAETHYL-5-METHYL-2,4-PIPERIDINDION (German) * 2,4-PIPERIDINEDIONE, 3,3-DIETHYL-5-METHYL-1-(((4-NITROPHENYL)METHYLENE)AMINO)-
TOXICITY DATA AND REFERENCES:
2F17F23 unk-mam LD50:400 mg/kg PHARAT 27,636,72

2,4-PIPERIDINEDIONE, 3,3-DIETHYL-5-METHYL-1-(((5-NITRO-2-FURANYL)METHYLENE)AMINO)- (9CI) see: TM7362000

TM7362000 2,4-PIPERIDINEDIONE, 3,3-DIETHYL-5-METHYL-1-((5-NITROFURFURYLIDENE)AMINO)-
UPDT:8403 CAS: 39844-63-8 MW: 321.37 MOLFM: C15-H19-N3-O5
SYN: 3,3-DIETHYL-5-METHYL-1-((5-NITROFURFURYLIDENE)AMINO)-2,4-PIPERIDINEDIONE * 1-(5-NITROFURFURYLIDEN)AMINO-3,3-DIAETHYL-5-METHYL-2,4-PIPERIDINDION (German) * 2,4-PIPERIDINEDIONE, 3,3-DIETHYL-5-METHYL-1-(((5-NITRO-2-FURANYL)METHYLENE)AMINO)- (9CI)
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:900 mg/kg PHARAT 27,636,72

2,4-PIPERIDINEDIONE, 3,3-DIETHYL-5-METHYL-1-(((4-NITROPHENYL)METHYLENE)AMINO)- see: TM7360000

TM7364000 2,4-PIPERIDINEDIONE, 3,3-DIETHYL-5-METHYL-1-(PIPERONYLIDENEAMINO)-
UPDT:8403 CAS: 39844-61-6 MW: 330.42 MOLFM: C18-H22-N2-O4
SYN: 3,3-DIETHYL-5-METHYL-1-(PIPERONYLIDENEAMINO)-2,4-PIPERIDINEDIONE * 1-(3,4-METHYLENDIOXYBENZYLIDEN)AMINO-3,3-DIAETHYL-5-METHYL-2,4-PIPERIDINDION (German) * 2,4-PIPERIDINEDIONE, 1-((1,3-BENZODIOXOL-5-YLMETHYLENE)AMINO)-3,3-DIETHYL-5-METHYL-
TOXICITY DATA AND REFERENCES:
1F05 unk-mam LD50:350 mg/kg PHARAT 27,636,72

2,4-PIPERIDINEDIONE, 1-(((3,4-DIHYDROXYPHENYL)METHYLENE)AMINO)-3,3-DIETHYL-5-METHYL- (9CI) see: TM7346000

TM7525000 2,6-PIPERIDINEDIONE, 4-(2-HYDROXY-5,7-DIMETHYL-4-OXO-6,8-NONADIENYL)-
UPDT:8308 CAS: 738-72-7 MW: 293.40 MOLFM: C16-H23-N-O4
SYN: GLUTARIMIDE, 3-(2-HYDROXY-5,7-DIMETHYL-4-OXO-6,8-NONADIENYL)- (8CI) * 3-(2-HYDROXY-7-METHYL-5-METHYLEN-4-OXO-6-NONENYL)-GLUTARIMID (German) * STREPTIMIDON * STREPTIMIDONE * STREPTOIMIDONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:280 mg/kg 85ERAY 2,1072,78
* ivn-mus LD50:192 mg/kg 85ERAY 2,1072,78

TM7540000 PIPERIDINE, 1-(3,3-DIPHENYLALLYL)-
UPDT:8305 MW: 277.44 MOLFM: C20-H23-N

SYN: 1-(3,3-DIPHENYLALLYL)PIPERIDINE * SCH 1926
TOXICITY DATA AND REFERENCES:
2F07F12 ipr-mus LD50:350 mg/kg CHTPBA 1,212,66

TM7640000 PIPERIDINE, 2-(2,2-DIPHENYL-1,3-DIOXOLAN-4-YL)-, HYDROCHLORIDE, l-
UPDT:8403 CAS: 23257-58-1 MW: 345.90 MOLFM: C20-H23-N-O2 .Cl-H
SYN: CL 912C * l-DIOXADROL HYDROCHLORIDE * l-2-(2,2-DIPHENYL-1,3-DIOXOLAN-4-YL)PIPERIDINE HYDROCHLORIDE * l-2,2-DIPHENYL-4-(2-PIPERIDYL)-1,3-DIOXOLANE HYDROCHLORIDE * LEVOXADROL HYDROCHLORIDE * LEVOXAN * U-22,304A
TOXICITY DATA AND REFERENCES:
1F19 orl-rat LD50:310 mg/kg AIPTAK 153,105,65
* orl-mus LD50:230 mg/kg MEIEDD 10,481,83
2F02F05 ivn-rbt LD50:25 mg/kg AIPTAK 153,105,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PIPERIDINE, 2-(2,2-DIPHENYL-1,3-DIOXOLAN-4-YL)-1-PROPYL-, alpha- see: JH7670000

TM7700000 PIPERIDINE, 4,4-DIPHENYL-1-ETHYL-, MALEATE
UPDT:8408 MW: 381.51 MOLFM: C19-H23-N .C4-H4-O4
SYN: 4,4-DIPHENYL-1-ETHYLPIPERIDINE MALEATE
TOXICITY DATA AND REFERENCES:
2F13F17 orl-mus LD50:150 mg/kg ARZNAD 34,233,84
2F13F17 scu-mus LD50:85 mg/kg ARZNAD 34,233,84
2F13F17 ivn-mus LD50:45 mg/kg ARZNAD 34,233,84

TM7750000 PIPERIDINE, 1-(2-(3-(2,2-DIPHENYLETHYL)-1,2,4-OXADIAZOL-5-YL)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8403 CAS: 982-43-4 MW: 397.99 MOLFM: C23-H27-N3-O .Cl-H
SYN: 3-(2,2-DIPHENYLAETHYL)-5-(2-PIPERIDINOAETHYL)-1,2,4-OXADIAZOL (German) * 1-(2-(3-(2,2-DIPHENYLETHYL)-1,2,4-OXADIAZOL-5-YL)ETHYL)PIPERIDINE MONOHYDROCHLORIDE * HK 256 * LIBEXIN * LOMAPECT * PRENOXDIAZINE HYDROCHLORIDE * TIBEXIN
TOXICITY DATA AND REFERENCES:
1E15 ivn-rat LD50:32 mg/kg ARZNAD 16,617,66
1E15 orl-mus LD50:920 mg/kg ARZNAD 16,617,66
* scu-mus LD50:540 mg/kg BCFAAI 112,691,73
1E15 ivn-mus LD50:34 mg/kg ARZNAD 16,617,66

TM7751000 PIPERIDINE, 4,4-DIPHENYL-, HYDROCHLORIDE
UPDT:8408 CAS: 63675-71-8 MW: 273.83 MOLFM: C17-H19-N .Cl-H
SYN: 4,4-DIPHENYLPIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F13F17 scu-mus LD50:90 mg/kg ARZNAD 34,233,84
2F13F17 ivn-mus LD50:25 mg/kg ARZNAD 34,233,84

TM7752000 PIPERIDINE, 1-(3,3-DIPHENYL-4-IMINO-2-METHYLHEPTYL)-, DIHYDROBROMIDE
UPDT:8408 MW: 524.45 MOLFM: C25-H34-N2 .2Br-H
SYN: 1-(3,3-DIPHENYL-4-IMINO-2-METHYLHEPTYL)PIPERIDINE DIHYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:40 mg/kg JCSOA9 -,2158,50

TM7753000 PIPERIDINE, 1-(3,3-DIPHENYL-4-IMINO-2-METHYLHEXYL)-, DIHYDROCHLORIDE
UPDT:8408 MW: 421.50 MOLFM: C24-H32-N2 .2Cl-H
SYN: 1-(3,3-DIPHENYL-4-IMINO-2-METHYLHEXYL)PIPERIDINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:20 mg/kg JCSOA9 -,2158,50

TM7754000 PIPERIDINE, 4,4-DIPHENYL-1-ISOBUTYL-
UPDT:8408 MW: 293.49 MOLFM: C21-H27-N
SYN: 4,4-DIPHENYL-1-ISOBUTYLPIPERIDINE
TOXICITY DATA AND REFERENCES:
2F13F17 ivn-mus LD50:30 mg/kg ARZNAD 34,233,84

TM7755000 PIPERIDINE, 4,4-DIPHENYL-1-ISOPROPYL-, HYDROCHLORIDE
UPDT:8408 MW: 315.92 MOLFM: C20-H25-N .Cl-H
SYN: 4,4-DIPHENYL-1-ISOPROPYLPIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F13F17 orl-mus LD50:145 mg/kg ARZNAD 34,233,84
2F13F17 ivn-mus LD50:32 mg/kg ARZNAD 34,233,84

TM7810000 PIPERIDINE, 4-(DIPHENYLMETHOXY)-1-METHYL-
UPDT:8310 CAS: 147-20-6 MW: 281.43 MOLFM: C19-H23-N-O
SYN: ALLERGEN * AN 1041 * BELFENE * 4-(BENZHYDRYLOXY)-1-METHYLPIPERIDINE * DAFEN * DAYFEN * DIAFEN * 4-(DIPHENYLMETHOXY)-1-METHYLPIPERIDINE * DIPHENYLPYRALINE * DIPHENYLPYRILENE * HISPRIL * HISTRYL * HISTYN * LYSSIPOLL * MEPIBEN * N-METHYLPIPERIDYL-(4)-BENZHYDRYLAETHER SALZSAUREN SALZE (German) * NEARGAL * P 253
IRRITATION DATA AND REFERENCES:
eye-rbt 1 mg MLD TXAPA9 50,459,79
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:250 mg/kg THERAP 26,155,71
* ivn-mus LD50:42 mg/kg THERAP 26,1203,71

TM7826000 PIPERIDINE, 4,4-DIPHENYL-1-(3-METHOXYPROPYL)-, HYDROCHLORIDE
UPDT:8408 MW: 345.95 MOLFM: C21-H27-N-O .Cl-H
SYN: 4,4-DIPHENYL-1-(3-METHOXYPROPYL)PIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F13F17 orl-mus LD50:110 mg/kg ARZNAD 34,233,84
2F13F17 ivn-mus LD50:30 mg/kg ARZNAD 34,233,84

TM7837000 PIPERIDINE, 4-(DIPHENYLMETHYLENE)-1-METHYL-
UPDT:8305 MW: 263.41 MOLFM: C19-H21-N
SYN: 4-(DIPHENYLMETHYLENE)-1-METHYLPIPERIDINE * (N-METHYL PIPERIDYLENE-4) DIPHENYL METHANE (French)
TOXICITY DATA AND REFERENCES:
2F07F12 ipr-mus LD50:100 mg/kg CHTPBA 1,212,66

TM7852000 PIPERIDINE, 4,4-DIPHENYL-1-METHYL-, MALEATE
UPDT:8408 MW: 367.48 MOLFM: C18-H21-N .C4-H4-O4
SYN: 4,4-DIPHENYL-1-METHYLPIPERIDINE MALEATE
TOXICITY DATA AND REFERENCES:
2F13F17 orl-mus LD50:140 mg/kg ARZNAD 34,233,84
2F13F17 scu-mus LD50:80 mg/kg ARZNAD 34,233,84
2F13F17 ivn-mus LD50:45 mg/kg ARZNAD 34,233,84

TM7855000 PIPERIDINE, 1-(2-((DIPHENYLMETHYLSILYL)OXY)ETHYL)-
UPDT:8306 CAS: 62393-18-4 MW: 325.57 MOLFM: C20-H27-N-O-Si
SYN: 1-(2-((DIPHENYLMETHYLSILYL)OXY)ETHYL)PIPERIDINE
TOXICITY DATA AND REFERENCES:
3F12F17F25 ipr-mus LD50:155 mg/kg PHARAT 31,849,76

TM7860500 PIPERIDINE, 4,4-DIPHENYL-1-tert-PENTYL-
UPDT:8408 MW: 307.52 MOLFM: C22-H29-N
SYN: 4,4-DIPHENYL-1-tert-PENTYLPIPERIDINE
TOXICITY DATA AND REFERENCES:
2F13F17 ivn-mus LD50:90 mg/kg ARZNAD 34,233,84

TM7860600 PIPERIDINE, 4,4-DIPHENYL-1-PHENETHYL-, HYDROCHLORIDE
UPDT:8408 MW: 377.99 MOLFM: C25-H27-N .Cl-H
SYN: 4,4-DIPHENYL-1-PHENETHYLPIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F13F17 ivn-mus LD50:19 mg/kg ARZNAD 34,233,84

TM7861000 PIPERIDINE, 1-(3,3-DIPHENYLPROPYL)-, HYDROCHLORIDE
UPDT:8312 CAS: 3329-14-4 MW: 315.92 MOLFM: C20-H25-N .Cl-H
SYN: 1-(3,3-DIPHENYLPROPYL)PIPERIDINE HYDROCHLORIDE * 3-PIPERIDINO-1,1-DIPHENYLPROPANE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1J26 ivn-mus LD50:25 mg/kg JCSOA9 -,648,49

TM7861500 PIPERIDINE, 4,4-DIPHENYL-1-PROPYL-, HYDROCHLORIDE
UPDT:8408 MW: 315.92 MOLFM: C20-H25-N .Cl-H
SYN: 4,4-DIPHENYL-1-PROPYLPIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F13F17 scu-mus LD50:95 mg/kg ARZNAD 34,233,84

TM7870000 PIPERIDINE, 3-(DI-2-THIENYLMETHYLENE)-1-METHYL-
UPDT:8403 CAS: 5169-78-8 MW: 275.45 MOLFM: C15-H17-N-S2
SYN: AT 327 * BITIODIN * CR/662 * 3-(DI-2-THIENYLMETHYLENE)-1-METHYL-PIPERIDINE * 1-METHYL-3-PIPERIDYLIDENEDI(2-THIENYL)METHANE * TIPEDINE * TIPEPIDINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:867 mg/kg MEIEDD 10,1355,83
* ipr-mus LD50:294 mg/kg MEIEDD 10,1355,83
3A11F13J30 scu-mus LD50:222 mg/kg CPBTAL 7,372,59
* ivn-mus LD50:55 mg/kg PCJOAU 10,1482,76
* ims-mus LD50:308 mg/kg MEIEDD 10,1355,83
3F15F18J26 ivn-dog LD50:44 mg/kg CPBTAL 7,372,59

TM7870500 PIPERIDINE, 3-(DI-2-THIENYLMETHYLENE)-1-METHYL-, CITRATE
UPDT:8310 MW: 467.59 MOLFM: C15-H17-N-S2 .C6-H8-O7
SYN: AT 327 CITRATE * 3-(DI-2-THIENYLMETHYLENE)-1-METHYLPIPERIDINE CITRATE
TOXICITY DATA AND REFERENCES:
3A11F13J30 scu-mus LD50:376 mg/kg CPBTAL 7,372,59
3F15F18J26 ivn-dog LD50:75 mg/kg CPBTAL 7,372,59

PIPERIDINE, 1,1'-(DITHIODICARBONOTHIOYL)BIS- (9CI) see: JO1585000

TM7930000 PIPERIDINE, 1,1'-DITHIODIETHYLENEBIS(3-METHYL-, DIHYDROCHLORIDE
UPDT:8312 MW: 389.54 MOLFM: C16-H32-N2-S2 .2Cl-H
SYN: DISULFIDE, BIS(2-(3-METHYLPIPERIDINO)ETHYL)-, DIHYDROCHLORIDE * 1,1'-DITHIODIETHYLENEBIS(3-METHYLPIPERIDINE) DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:80 mg/kg JPMSAE 65,1247,76

TM7975000 PIPERIDINE, 1-(2-(DIVERATRYLAMINO)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8407 MW: 465.09 MOLFM: C25-H36-N2-O4 .Cl-H
SYN: 1-(2-(DIVERATRYLAMINO)ETHYL)PIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F12 ims-rat LDLo:240 mg/kg FRPSAX 15,562,60
1F12 ipr-mus LD50:60 mg/kg FRPSAX 15,562,60

TM7976000 PIPERIDINE, 1-(beta-(DODECYLOXY)PHENETHYL)-, HYDROCHLORIDE
UPDT:8412 CAS: 19831-42-6 MW: 410.15 MOLFM: C25-H43-N-O .Cl-H
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:4 gm/kg CHTPBA 2,446,67

PIPERIDINE (DOT) see: TM3500000

TM8030000 1-PIPERIDINEETHANETHIOL, HYDROGEN SULFATE (ester)
UPDT:8312 MW: 225.35 MOLFM: C7-H15-N-O3-S2
SYN: THIOSULFURIC ACID, S-2-PIPERIDINOETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:115 mg/kg JPMSAE 65,1247,76

TM8040000 1-PIPERIDINEETHANETHIOL, 2-METHYL-, HYDROGEN SULFATE (ester)
UPDT:8401 MW: 239.38 MOLFM: C8-H17-N-O3-S2
SYN: 2-METHYL-1-PIPERIDINEETHANETHIOL HYDROGEN SULFATE (ester) * THIOSULFURIC ACID, S-2-(2-METHYLPIPERIDINO)ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 65,1247,76
* ipr-mus LD50:80 mg/kg JPMSAE 65,1247,76

4-PIPERIDINEETHANOL, 1-(3-(2-ACETYLPHENOXAZIN-10-YL)PROPYL)- see: OB4300000

TM8058000 1-PIPERIDINEETHANOL, alpha-1-ADAMANTYL-, HYDROCHLORIDE
UPDT:8405 CAS: 23479-48-3 MW: 299.93 MOLFM: C17-H29-N-O .Cl-H
SYN: alpha-1-ADAMANTYL-1-PIPERIDINEETHANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F07F23 ipr-mus LD50:192 mg/kg LZAVAL (9),126,69

2-PIPERIDINEETHANOL, 2-AMINOBENZOATE ESTER, HYDROCHLORIDE (9CI) see: CB3900000

TM8510000 1-PIPERIDINEETHANOL, alpha-BENZYL-, CARBANILATE, HYDROCHLORIDE
UPDT:8406 MW: 374.95 MOLFM: C21-H26-N2-O2 .Cl-H
SYN: alpha-BENZYL-1-PIPERIDINEETHANOL CARBANILATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:111 mg/kg JAPMA8 44,766,55
* ivn-mus LD50:16200 ug/kg JAPMA8 44,766,55

TM8520000 1-PIPERIDINEETHANOL, 4-BENZYL-alpha-(p-HYDROXYPHENYL)-beta-METHYL-
UPDT:8406 CAS: 23210-56-2 MW: 325.49 MOLFM: C21-H27-N-O2
SYN: 4-BENZYL-alpha-(p-HYDROXYPHENYL)-beta-METHYL-1-PIPERIDINEETHANOL * IFENPRODIL * 1-PIPERIDINEETHANOL, alpha-(4-HYDROXYPHENYL)-beta-METHYL-4-(PHENYLMETHYL)- (9CI) * RC 61-91
TOXICITY DATA AND REFERENCES:
3F12F19K12 orl-dog LD50:461 mg/kg OYYAA2 14,415,77
3F12F17J22 ivn-dog LD50:41 mg/kg OYYAA2 14,415,77

TM8525000 1-PIPERIDINEETHANOL, 4-BENZYL-alpha-(p-HYDROXYPHENYL)-beta-METHYL-, ASCORBATE (salt)
UPDT:8408 CAS: 23249-59-4 MW: 501.63 MOLFM: C21-H27-N-O2 .C6-H8-O6
SYN: 4-BENZYL-alpha-(p-HYDROXYPHENYL)-beta-METHYL-1-PIPERIDINEETHANOL ASCORBATE * 1-(p-HYDROXYPHENYL)-2-(4-BENZYLPIPERIDINO)PROPAN-1-OL ASCORBATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:625 mg/kg USXXAM #3509164
* ipr-mus LD50:150 mg/kg USXXAM #3509164

TM8530000 1-PIPERIDINEETHANOL, 4-BENZYL-alpha-(p-HYDROXYPHENYL)-beta-METHYL-, TARTRATE (SALT) (2:1)
UPDT:8408 CAS: 23210-58-4 MW: 801.08 MOLFM: C42-H54-N2-O4 .C4-H6-O6
SYN: 4-BENZYL-alpha-(p-HYDROXYPHENYL)-beta-METHYL-1-PIPERIDINEETHANOL TARTRATE * 4-BENZYL-alpha-(p-HYDROXYPHENYL)-beta-METHYL-1-PIPERIDINE-ETHANOL-(L)-(+)-TARTRATE * 2-(4-BENZYL-PIPERIDINO)-1-(4-HYDROXYPHENYL)-1-PROPANOL TARTRATE (2:1) * IFENPRODIL TARTRATE * IFENPRODIL TARTRATE (2:1) * IFENPRODIL L-(+)-TARTRATE * IFENPRODIL L-(+)-TARTRATE (2:1) * VADILEX
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-rat TDLo:2160 mg/kg (17-22D preg/21D post) OYYAA2 18,1071,79
1T86 orl-rat TDLo:1080 mg/kg (17-22D preg/21D post) OYYAA2 18,1071,79
1T81 ipr-rat TDLo:280 mg/kg (9-15D preg) YKRYAH 9,45,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:552 mg/kg NIIRDN 6,79,82
* ipr-rat LD50:138 mg/kg NIIRDN 6,79,82
* ivn-rat LD50:50 mg/kg NIIRDN 6,79,82
* ims-rat LD50:240 mg/kg NIIRDN 6,79,82
* orl-mus LD50:17 mg/kg USXXAM #3509164
* ipr-mus LD50:120 mg/kg USXXAM #3509164
* ivn-mus LD50:44 mg/kg NIIRDN 6,79,82
* ims-mus LD50:222 mg/kg NIIRDN 6,79,82
3F12F19K12 orl-dog LD50:461 mg/kg OYYAA2 14,415,77
3F12F17J22 ivn-dog LD50:41 mg/kg OYYAA2 14,415,77
* orl-rbt LD50:500 mg/kg IYKEDH 9,1066,78
* ivn-rbt LD50:18300 ug/kg IYKEDH 9,1066,78
* ims-rbt LD50:96600 ug/kg IYKEDH 9,1066,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM8550000 1-PIPERIDINEETHANOL, alpha-BENZYL-2-METHYL-, CARBANILATE, HYDROCHLORIDE
UPDT:8406 MW: 388.98 MOLFM: C22-H28-N2-O2 Cl-H
SYN: alpha-BENZYL-2-METHYL-1-PIPERIDINEETHANOL CARBANILATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:72500 ug/kg JAPMA8 44,766,55
* ivn-mus LD50:12800 ug/kg JAPMA8 44,766,55

TM8575000 1-PIPERIDINEETHANOL, alpha-(p-BIPHENYLYL)-, HYDROCHLORIDE
UPDT:8403 CAS: 63867-81-2 MW: 317.89 MOLFM: C19-H23-N-O Cl-H
SYN: ENTEXIDIN * FTALAZOL * 2-(((4-((2-THIAZOLYLAMINO)SULFONYL)PHENYL)AMINO)CARBONYL)BENZOIC ACID
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:900 mg/kg MEIEDD 10,1063,83

TM8575500 1-PIPERIDINEETHANOL, alpha-((BIS(2-METHYLPROPYL)AMINO)METHYL)-, BENZOATE (ester), DIHYDROCHLORIDE
UPDT:8408 CAS: 51734-41-9 MW: 447.55 MOLFM: C23-H38-N2-O2 2Cl-H
SYN: alpha-(BIS(ISOBUTYLAMINO)METHYL)-1-PIPERIDINEETHANOL BENZOATE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:200 mg/kg YKKZAJ 94,126,74

1-PIPERIDINEETHANOL, p-tert-BUTYLBENZOATE, HYDROCHLORIDE see: DG4929000

TM8579200 1-PIPERIDINEETHANOL, alpha-t-BUTYL-alpha-(p-METHOXYPHENYL)-, HYDROCHLORIDE
UPDT:8305 MW: 327.94 MOLFM: C18-H29-N-O2 Cl-H
SYN: alpha-tert-BUTYL-alpha-(p-METHOXYPHENYL)-1-PIPERIDINEETHANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3E15K01K30 ipr-mus LD50:190 mg/kg APFRAD 39,519,81

TM8582000 1-PIPERIDINEETHANOL, alpha-t-BUTYL-alpha-PHENYL-, HYDROCHLORIDE
UPDT:8305 MW: 297.91 MOLFM: C17-H27-N-O Cl-H
SYN: alpha-tert-BUTYL-alpha-PHENYL-1-PIPERIDINEETHANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3E15K01K30 ipr-mus LD50:240 mg/kg APFRAD 39,519,81

TM8584000 1-PIPERIDINEETHANOL, alpha-t-BUTYL-alpha-(p-TOLYL)-, HYDROCHLORIDE
UPDT:8305 MW: 311.94 MOLFM: C18-H29-N-O Cl-H
SYN: alpha-tert-BUTYL-alpha-(p-TOLYL)-1-PIPERIDINEETHANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3E15K01K30 ipr-mus LD50:175 mg/kg APFRAD 39,519,81

TM8588870 1-PIPERIDINEETHANOL, alpha,alpha-DIMETHYL-
UPDT:8305 MW: 157.29 MOLFM: C9-H19-N-O
SYN: alpha,alpha-DIMETHYL-1-PIPERIDINEETHANOL * SCH 1906
TOXICITY DATA AND REFERENCES:
2F07F12 ipr-mus LD50:300 mg/kg CHTPBA 1,212,66

TM8589500 1-PIPERIDINEETHANOL, beta,4-DIMETHYL-alpha-(p-HYDROXYPHENYL)-, TARTRATE (2:1) (salt)
UPDT:8408 CAS: 23210-53-9 MW: 648.88 MOLFM: C30-H46-N2-O4 C4-H6-O6
SYN: beta,4-DIMETHYL-alpha-(p-HYDROXYPHENYL)-1-PIPERIDINEETHANOL TARTRATE (2:1) * 1-(p-HYDROXYPHENYL)-2-(4-METHYLPIPERIDINO)PROPAN-1-OL TARTRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg USXXAM #3509164

TM8596000 1-PIPERIDINEETHANOL, alpha,alpha-DIPHENYL-
UPDT:8303 MW: 281.43 MOLFM: C19-H23-N-O
SYN: alpha,alpha-DIPHENYL-1-PIPERIDINEETHANOL * DIPHENYL-1,1 (N-PIPERIDYL)-2 ETHANOL (French) * PDE
TOXICITY DATA AND REFERENCES:
2F07F12 ipr-mus LD50:400 mg/kg CHTPBA 1,212,66

TM8640000 1-PIPERIDINEETHANOL, alpha-(2,2-DIPHENYLETHYL)-, HYDROCHLORIDE
UPDT:8303 MW: 345.95 MOLFM: C21-H27-N-O Cl-H
SYN: alpha-(2,2-DIPHENYLETHYL)-1-PIPERIDINEETHANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11C17F07 ivn-mus LD50:30 mg/kg CHTPBA 1(1),35,65

TM8700000 1-PIPERIDINEETHANOL, 4,4-DIPHENYL-, HYDROCHLORIDE
UPDT:8408 MW: 317.89 MOLFM: C19-H23-N-O Cl-H
SYN: 4,4-DIPHENYL-1-PIPERIDINEETHANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F13F17 orl-mus LD50:150 mg/kg ARZNAD 34,233,84
2F13F17 ivn-mus LD50:33 mg/kg ARZNAD 34,233,84

TM8740000 1-PIPERIDINEETHANOL, 2-(DIPHENYLMETHYL)-
UPDT:8310 CAS: 13862-07-2 MW: 295.46 MOLFM: C20-H25-N-O
SYN: DIPHEMETOXIDINE
TOXICITY DATA AND REFERENCES:
1E01 orl-man TDLo:714 ug/kg THERAP 34,205,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM8742000 1-PIPERIDINEETHANOL, alpha,alpha-DIPHENYL-beta-METHYL-
UPDT:8305 MW: 295.46 MOLFM: C20-H25-N-O
SYN: alpha,alpha-DIPHENYL-beta-METHYL-1-PIPERIDINEETHANOL * PDI
TOXICITY DATA AND REFERENCES:
2F07F12 ipr-mus LD50:250 mg/kg CHTPBA 1,212,66

TM8752000 1-PIPERIDINEETHANOL, alpha-(2,2-DIPHENYLVINYL)-, HYDROCHLORIDE
UPDT:8303 MW: 343.93 MOLFM: C21-H25-N-O Cl-H
SYN: alpha-(2,2-DIPHENYLVINYL)-1-PIPERIDINEETHANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11C17F07 ivn-mus LD50:30 mg/kg CHTPBA 1(1),35,65

TM8770000 1-PIPERIDINEETHANOL, 4-ETHYL-alpha-(p-HYDROXYPHENYL)-beta-METHYL-, HYDROCHLORIDE
UPDT:8408 CAS: 23210-55-1 MW: 299.88 MOLFM: C16-H25-N-O2 Cl-H
SYN: 4-ETHYL-alpha-(p-HYDROXYPHENYL)-beta-METHYL-1-PIPERIDINEETHANOL HYDROCHLORIDE * 1-(p-HYDROXYPHENYL)-2-(4-ETHYLPIPERIDINO)PROPAN-1-OL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg USXXAM #3509164
* ipr-mus LD50:45 mg/kg USXXAM #3509164

TM8805000 1-PIPERIDINEETHANOL, HYDROCHLORIDE
UPDT:8306 CAS: 33265-79-1 MW: 165.69 MOLFM: C7-H15-N-O Cl-H
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:650 mg/kg AIPTAK 112,36,57
* ivn-mus LD50:170 mg/kg AIPTAK 112,36,57

TM8807000 1-PIPERIDINEETHANOL, 3-HYDROXY-alpha-(5-PHENYL-3-ISOXAZOLYL)-
UPDT:8306 CAS: 55578-70-6 MW: 288.38 MOLFM: C16-H20-N2-O3
SYN: 3-(1-HYDROXY-2-(3-HYDROXYPIPERIDINO)ETHYL)-5-PHENYLISOXAZOLE * 3-HYDROXY-alpha-(5-PHENYL-3-ISOXAZOLYL)-1-PIPERIDINEETHANOL
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:750 mg/kg CPBTAL 24,1757,76

TM8807010 1-PIPERIDINEETHANOL, 4-HYDROXY-alpha-(5-PHENYL-3-ISOXAZOLYL)-
UPDT:8306 CAS: 55578-68-2 MW: 288.38 MOLFM: C16-H20-N2-O3
SYN: 3-(1-HYDROXY-2-(4-HYDROXYPIPERIDINO)ETHYL)-5-PHENYLISOXAZOLE * 4-HYDROXY-alpha-(5-PHENYL-3-ISOXAZOLYL)-1-PIPERIDINEETHANOL
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:645 mg/kg CPBTAL 24,1757,76

1-PIPERIDINEETHANOL, alpha-(4-HYDROXYPHENYL)-beta-METHYL-4-(PHENYLMETHYL)- (9CI) see: TM8520000

1-PIPERIDINEETHANOL, 3-METHYL-4-OXO-2-PHENYL-4H-1-BENZOPYRAN-8-CARBOXYLATE, HYDROCHLORIDE see: DJ2450000

TM9315000 1-PIPERIDINEETHANOL, beta-METHYL-alpha-PHENYL-, HYDROCHLORIDE, DL-
UPDT:8405 MW: 255.82 MOLFM: C14-H21-N-O Cl-H
SYN: DL-beta-METHYL-alpha-PHENYL-1-PIPERIDINEETHANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F17F20 ipr-mus LD50:51 mg/kg PHARAT 24,776,69

TM9520000 4-PIPERIDINEETHANOL, 1-(3-PHENOTHIAZIN-10-YLPROPYL)-
UPDT:8308 MW: 368.58 MOLFM: C22-H28-N2-O-S
SYN: 1-(3-PHENOTHIAZIN-10-YLPROPYL)-4-PIPERIDINEETHANOL
TOXICITY DATA AND REFERENCES:
1F25 scu-mus LD50:480 mg/kg AIPTAK 149,374,64

TM9550000 4-PIPERIDINEETHANOL, 1-(3-PHENOXAZIN-10-YLPROPYL)-
UPDT:8308 MW: 352.52 MOLFM: C22-H28-N2-O2
SYN: 1-(3-PHENOXAZIN-10-YLPROPYL)-4-PIPERIDINEETHANOL
TOXICITY DATA AND REFERENCES:
1F25 scu-mus LD50:518 mg/kg AIPTAK 149,374,64

TM9575000 1-PIPERIDINEETHANOL, alpha-PHENYL-, p-AMINOBENZOATE (ester), HYDROCHLORIDE
UPDT:8311 MW: 360.92 MOLFM: C20-H24-N2-O2 Cl-H
SYN: BENZOIC ACID, p-AMINO-, alpha-(PIPERIDINOMETHYL)BENZYL ESTER HYDROCHLORIDE * alpha-PHENYL-1-PIPERIDINEETHANOL p-AMINOBENZOATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:75 mg/kg JACSAT 81,203,59

TM9640000 1-PIPERIDINEETHANOL, alpha-PHENYL-, BENZOATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 345.90 MOLFM: C20-H23-N-O2 Cl-H
SYN: alpha-PHENYL-1-PIPERIDINEETHANOL BENZOATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:1000 mg/kg JACSAT 81,203,59

TM9660000 1-PIPERIDINEETHANOL, alpha-PHENYL-, o-ETHOXYBENZOATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 389.96 MOLFM: C22-H27-N-O3 Cl-H
SYN: BENZOIC ACID, o-ETHOXY-, alpha-(PIPERIDINOMETHYL)BENZYL ESTER HYDROCHLORIDE * alpha-PHENYL-1-PIPERIDINEETHANOL o-ETHOXYBENZOATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:300 mg/kg JACSAT 81,203,59

TM9849900 1-PIPERIDINEETHANOL, alpha-(5-PHENYL-3-ISOXAZOLYL)-, CITRATE
UPDT:8306 CAS: 40671-46-3 MW: 1617.36 MOLFM: C16-H20-N2-O2 xC6-H8-O7
SYN: 3-(1-HYDROXY-2-PIPERIDINOETHYL)-5-PHENYL-ISOXAZOLE CITRATE * alpha-(5-PHENYL-3-ISOXAZOLYL)-1-PIPERIDINEETHANOL CITRATE * 1-PIPERIDINEETHANOL, alpha-(5-PHENYL-3-ISOXAZOLYL)-, 2-HYDROXY-1,2,3-PROPANETRICARBOXYLATE * 31252-S
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:612 mg/kg CPBTAL 24,1757,76

TM9850000 1-PIPERIDINEETHANOL, alpha-(5-PHENYL-3-ISOXAZOLYL)-, CITRATE (1:1)
UPDT:8303 CAS: 14838-45-0 MW: 464.52 MOLFM: C16-H20-N2-O2 C6-H8-O7
SYN: 3-(1-HYDROXY-2-PIPERIDINOETHYL)-5-PHENYLISOXAZOLE CITRATE * ISOXAZOLE, 3-(1-HYDROXY-2-PIPERIDINOETHYL)-5-PHENYL-, CITRATE * 3-ISOXAZOLEMETHANOL, alpha-(PIPERIDINOMETHYL)-5-PHENYL-, CITRATE * 31252-S
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T53 orl-rat TDLo:240 mg/kg (9-14D preg) SKNEA7 22,109,72
1T46 orl-rat TDLo:60 mg/kg (9-14D preg) SKNEA7 22,109,72
1T81 orl-rat TDLo:900 mg/kg (9-14D preg) SKNEA7 22,109,72
2T46T81 orl-mus TDLo:60 mg/kg (7-12D preg) SKNEA7 22,109,72
1T76 orl-mus TDLo:240 mg/kg (7-12D preg) SKNEA7 22,109,72
1T34 orl-mus TDLo:900 mg/kg (7-12D preg) SKNEA7 22,109,72
TOXICITY DATA AND REFERENCES:
scu-mus LD50:416 mg/kg JMCMAR 10,411,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TM9850100 1-PIPERIDINEETHANOL, alpha-(5-PHENYL-3-ISOXAZOLYL)-, CITRATE (2:1)
UPDT:8412 CAS: 2139-25-5 MW: 368.41 MOLFM: C16-H20-N2-O2 1/2C6-H8-O7
SYN: 3-(1-HYDROXY-2-PIPERIDINOETHYL)-5-PHENYLISOXAZOLE CITRATE (2:1) * ISOXAL * PERISOXAL CITRATE * alpha-(5-PHENYL-3-ISOXAZOLYL)-1-PIPERIDINEETHANOL CITRATE (2:1) * 31252-S
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1479 mg/kg IYKEDH 10,232,79
3F07F11F12 scu-rat LD50:878 mg/kg OYYAA2 6,1285,72
* ivn-rat LD50:31300 ug/kg IYKEDH 10,232,79
* orl-mus LD50:612 mg/kg NIIRDN 6,767,82
* scu-mus LD50:373 mg/kg IYKEDH 10,232,79
* ivn-mus LD50:35900 ug/kg IYKEDH 10,232,79

1-PIPERIDINEETHANOL, alpha-(5-PHENYL-3-ISOXAZOLYL)-, 2-HYDROXY-1,2,3-PROPANETRICARBOXYLATE see: TM9849900

TM9920000 1-PIPERIDINEETHANOL, alpha-PHENYL-, o-TOLUATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 359.93 MOLFM: C21-H25-N-O2 Cl-H
SYN: alpha-PHENYL-1-PIPERIDINEETHANOL o-TOLUATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:750 mg/kg JACSAT 81,203,59

TM9967200 1-PIPERIDINEETHANOL, alpha-(beta-(2-THIENYL)STYRYL)-, MALEATE
UPDT:8303 MW: 429.57 MOLFM: C19-H23-N-O-S C4-H4-O4
SYN: alpha-(beta-(2-THIENYL)STYRYL)-1-PIPERIDINEETHANOL MALEATE
TOXICITY DATA AND REFERENCES:
3A11C17F07 ivn-mus LD50:30 mg/kg CHTPBA 1(1),35,65

TM9980000 1-PIPERIDINEETHANOL, alpha-(8-(TRIFLUOROMETHYL)NAPHTHO(2,1-b)THIEN-4-YL)-, HYDROCHLORIDE
UPDT:8307 CAS: 37094-61-4 MW: 415.93 MOLFM: C20-H20-F3-N-O-S Cl-H
MUTATION DATA AND REFERENCES:
dnd-mam:lym 1 mmol/L JMCMAR 16,1366,73

TN0250000 PIPERIDINE, 1-ETHYL-
UPDT:8312 CAS: 766-09-6 MW: 113.23 MOLFM: C7-H15-N
SYN: N-AETHYLPIPERIDIN (German) * 1-ETHYLPIPERIDINE * 1-ETHYL PIPERIDINE (DOT) * UN 2386 (DOT)
IRRITATION DATA AND REFERENCES:
eye-rbt 50 mg/5M BJIMAG 23,153,66
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#00374
scu-rbt LDLo:100 mg/kg BDCGAS 34,2408,01
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TN0290000 PIPERIDINE, 1-(1-ETHYLCYCLOHEXYL)-
UPDT:8305 CAS: 7418-87-3 MW: 195.39 MOLFM: C13-H25-N
SYN: (ETHYL-1 CYCLOHEXYLE)-N PIPERIDINE (French) * 1-(1-ETHYLCYCLOHEXYL)PIPERIDINE
TOXICITY DATA AND REFERENCES:
1F24 ipr-mus LD50:54 mg/kg CHTPBA 1,284,66

TN0350000 PIPERIDINE, 5-ETHYL-2-METHYL-
UPDT:8407 CAS: 104-89-2 MW: 127.26 MOLFM: C8-H17-N
SYN: COPELLIDIN * 5-ETHYL-2-METHYLPIPERIDINE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open AMIHBC 10,61,54
eye-rbt 250 ug open SEV AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:540 mg/kg AMIHBC 10,61,54
* ihl-rat LCLo:250 ppm/4H AMIHBC 10,61,54

* skn-rbt LD50:630 mg/kg AMIHBC 10,61,54

scu-rbt LDLo:100 mg/kg BDCGAS 34,2408,01

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TN0352000 PIPERIDINE, 2-ETHYL-1-((2-METHYLCYCLOHEXYL)CARBONYL)-

UPDT:8311 CAS: 64755-15-3 MW: 237.43 MOLFM: C15-H27-N-O

SYN: AI3-36560 * 2-ETHYL-1-((2-METHYLCYCLOHEXYL)CARBONYL)PIPERIDINE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD AEHA** 51-0822-77

eye-rbt 100 mg/24H MOD AEHA** 51-029-76

TN0371000 PIPERIDINE, 4-(ETHYLSULFONYL)-4-(m-METHOXYPHENYL)-1-METHYL-, HYDROCHLORIDE

UPDT:8312 MW: 333.91 MOLFM: C15-H23-N-O3-S .Cl-H

SYN: 4-(ETHYLSULFONYL)-4-(m-METHOXYPHENYL)-1-METHYLPIPERIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1F29 orl-mus LD50:750 mg/kg APFRAD 12,241,54

TN0372000 PIPERIDINE, 4-(ETHYLSULFONYL)-1-METHYL-4-PHENYL-, HYDROCHLORIDE

UPDT:8312 MW: 303.88 MOLFM: C14-H21-N-O2-S .Cl-H

SYN: 4-(ETHYLSULFONYL)-1-METHYL-4-PHENYLPIPERIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F25F29 orl-mus LD50:1300 mg/kg APFRAD 12,241,54

TN0373000 PIPERIDINE, 4-(ETHYLSULFONYL)-4-PHENYL-1-(p-TOLYLSULFONYL)-

UPDT:8312 MW: 407.58 MOLFM: C20-H25-N-O4-S2

SYN: 4-(ETHYLSULFONYL)-4-PHENYL-1-(p-TOLYLSULFONYL)PIPERIDINE

TOXICITY DATA AND REFERENCES:

1F29 orl-mus LD50:4000 mg/kg APFRAD 12,241,54

TN0397000 PIPERIDINE, 1-(2-(p-(HEPTYLOXY)PHENOXY)ETHYL)-, MONOHYDROCHLORIDE

UPDT:8305 MW: 356.00 MOLFM: C20-H33-N-O2 .Cl-H

SYN: 1-(2-(p-(HEPTYLOXY)PHENOXY)ETHYL)PIPERIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:100 mg/kg COREAF 241,1523,55

TN0397500 PIPERIDINE, 1-(beta-(HEXYLOXY)PHENETHYL)-, HYDROCHLORIDE

UPDT:8412 CAS: 19831-39-1 MW: 325.97 MOLFM: C19-H31-N-O .Cl-H

TOXICITY DATA AND REFERENCES:

* unk-mam LD50:265 mg/kg CHTPBA 2,446,67

TN0398000 PIPERIDINE, 1-(2-(p-(HEXYLOXY)PHENOXY)ETHYL)-, MONOHYDROCHLORIDE

UPDT:8305 MW: 341.97 MOLFM: C19-H31-N-O2 .Cl-H

SYN: 1-(2-(p-(HEXYLOXY)PHENOXY)ETHYL)PIPERIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:70 mg/kg COREAF 241,1523,55

TN0400000 PIPERIDINE, HYDROCHLORIDE

UPDT:8408 CAS: 6091-44-7 MW: 121.63 MOLFM: C5-H11-N .Cl-H

SYN: HEXAHYDROPYRIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:133 mg/kg 27ZQAG -,289,72

3F12F19J24 ipr-mus LD50:330 mg/kg JJPAAZ 17,475,67

* scu-mus LD50:430 mg/kg AIPTAK 112,36,57

* ivn-mus LD50:160 mg/kg AIPTAK 112,36,57

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TN0404300 PIPERIDINE, 4-INDEN-2-YL-1-METHYL-, FUMARATE (1:1)

UPDT:8312 CAS: 20902-76-5 MW: 329.43 MOLFM: C15-H19-N .C4-H4-O4

SYN: 4-INDEN-2-YL-1-METHYL-PIPERIDINE FUMARATE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:200 mg/kg JMCMAR 11,1064,68

TN0404400 PIPERIDINE, 4-(ISOBUTYLSULFONYL)-1-METHYL-4-PHENYL-, HYDROCHLORIDE

UPDT:8312 MW: 331.94 MOLFM: C16-H25-N-O2-S .Cl-H

SYN: 4-(ISOBUTYLSULFONYL)-1-METHYL-4-PHENYLPIPERIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F25F29 orl-mus LD50:750 mg/kg APFRAD 12,241,54

TN0404600 PIPERIDINE, 4-(ISOPENTYLSULFONYL)-1-METHYL-4-PHENYL-, HYDROCHLORIDE

UPDT:8312 MW: 345.97 MOLFM: C17-H27-N-O2-S .Cl-H

SYN: 4-(ISOPENTYLSULFONYL)-1-METHYL-4-PHENYLPIPERIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1F29 orl-mus LD50:375 mg/kg APFRAD 12,241,54

TN0404700 PIPERIDINE, 4-(ISOPENTYLSULFONYL)-4-PHENYL-1-(p-TOLYLSULFONYL)-

UPDT:8312 MW: 449.67 MOLFM: C23-H31-N-O4-S2

SYN: 4-(ISOPENTYLSULFONYL)-4-PHENYL-1-(p-TOLYLSULFONYL)PIPERIDINE

TOXICITY DATA AND REFERENCES:

1F29 orl-mus LD50:1600 mg/kg APFRAD 12,241,54

TN0404800 PIPERIDINE, 1-(alpha-ISOPROPYLBENZYL)-, HYDROCHLORIDE

UPDT:8312 CAS: 73790-78-0 MW: 253.85 MOLFM: C15-H23-N .Cl-H

SYN: H 561 * 1-(2-METHYL-1-PHENYLPROPYL)PIPERIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

scu-mus LD50:375 mg/kg ARZNAD 14,178,64

TN0405000 PIPERIDINE, 3-(ISOPROPYLIDENE)-1-METHYL-4-PHENYL-, 1,5-NAPHTHALENEDISULFONATE (2:1)

UPDT:8312 CAS: 53757-92-9 MW: 719.04 MOLFM: C30-H42-N2 .C10-H8-O6-S2

SYN: 3-(ISOPROPYLIDENE)-1-METHYL-4-PHENYL-PIPERIDINE 1,5-NAPHTHALENEDISULFONATE (2:1)

TOXICITY DATA AND REFERENCES:

1K32 ipr-rat LD50:120 mg/kg JMCMAR 17,1040,74

TN0405500 PIPERIDINE, 1-(4-ISOPROPYLPHENYL)-, HYDROCHLORIDE

UPDT:8312 MW: 239.82 MOLFM: C14-H21-N .Cl-H

TOXICITY DATA AND REFERENCES:

orl-mus LD50:1200 mg/kg JMCMAR 22,1460,79

TN0406700 PIPERIDINE, 4-(ISOPROPYLSULFONYL)-1-METHYL-4-PHENYL-, HYDROCHLORIDE

UPDT:8312 MW: 317.91 MOLFM: C15-H23-N-O2-S .Cl-H

SYN: 4-(ISOPROPYLSULFONYL)-1-METHYL-4-PHENYLPIPERIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F25F29 orl-mus LD50:425 mg/kg APFRAD 12,241,54

4-PIPERIDINEMETHANOL, 1-BROMOACETYL-alpha,alpha-DIPHENYL- see: OB1247500

4-PIPERIDINEMETHANOL, 1-CHLOROACETYL-alpha,alpha-DIPHENYL- see: OB1598000

TN0418500 2-PIPERIDINEMETHANOL, alpha-(p-CHLOROPHENYL)-alpha-PHENYL-, HYDROCHLORIDE

UPDT:8303 MW: 338.30 MOLFM: C18-H20-Cl-N-O .Cl-H

SYN: alpha-(p-CHLOROPHENYL)-alpha-PHENYL-2-PIPERIDINEMETHANOL HYDROCHLORIDE * alpha-(p-CLOROFENIL)-alpha-FENIL-2-PIPERIDILMETANOLO CLORIDRATO (Italian) * M.G. 3115

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:400 mg/kg FRPSAX 12,853,57

* orl-mus LD50:145 mg/kg FRPSAX 12,853,57

* ipr-mus LD50:78 mg/kg FRPSAX 12,853,57

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TN0420000 2-PIPERIDINEMETHANOL, alpha,alpha-DIPHENYL-

UPDT:8403 CAS: 467-60-7 MW: 267.40 MOLFM: C18-H21-N-O

SYN: DETARIL * alpha,alpha-DIPHENYL-2-PIPERIDINEMETHANOL * GERODYL * MERATRAN * MRD 108 * alpha-(2-PIPERIDYL)BENZHYDROL * PIPRADOL * alpha-PIPRADOL * PIPRADROL * PIRIDROL * PYRIDROL * PYRIDROLE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:180 mg/kg 27ZIAQ -,208,73

* orl-mus LD50:74 mg/kg FRPSAX 12,853,57

* ipr-mus LD50:74 mg/kg FRPSAX 12,853,57

1F13 ivn-cat LD50:15 mg/kg DAZEA2 122,283,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TN0875000 2-PIPERIDINEMETHANOL, alpha,alpha-DIPHENYL-, HYDROCHLORIDE

UPDT:8311 CAS: 71-78-3 MW: 303.86 MOLFM: C18-H21-N-O .Cl-H

SYN: BENZHYDROL, alpha-(2-PIPERIDYL)-, HYDROCHLORIDE * alpha,alpha-DIPHENYL-2-PIPERIDINEMETHANOL HYDROCHLORIDE * MERATRAN HYDROCHLORIDE * PIPERADROL HYDROCHLORIDE * alpha-(2-PIPERIDYL)BENZHYDROL HYDROCHLORIDE * PIPRADOL HYDROCHLORIDE * PIPRADROL HYDROCHLORIDE * PIRIDROL HYDROCHLORIDE * PYRIDROL

TOXICITY DATA AND REFERENCES:

orl-rat LD50:180 mg/kg JPETAB 110,180,54

scu-rat LD50:240 mg/kg JPETAB 110,180,54

ivn-rat LD50:30 mg/kg JPETAB 110,180,54

orl-mus LD50:120 mg/kg JPETAB 118,153,56

* ipr-mus LD50:90 mg/kg NIIRDN 6,632,82

scu-mus LD50:147 mg/kg JPETAB 118,153,56

* ivn-mus LD50:20 mg/kg CSLNX* NX#00031

orl-rbt LD50:180 mg/kg CLDND*

ivn-rbt LD50:15 mg/kg JPETAB 110,180,54

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TN0925000 4-PIPERIDINEMETHANOL, alpha,alpha-DIPHENYL-, HYDROCHLORIDE

UPDT:8405 CAS: 1798-50-1 MW: 303.86 MOLFM: C18-H21-N-O .Cl-H

SYN: AZACYCLONOL, HYDROCHLORIDE * alpha,alpha-DIPHENYL-4-PIPERIDINEMETHANOL HYDROCHLORIDE * FRENQUEL * FRENQUEL HYDROCHLORIDE * alpha-(4-PIPERIDYL)BENZHYDROL HYDROCHLORIDE * gamma-PIPRADOL

TOXICITY DATA AND REFERENCES:

orl-mus LD50:650 mg/kg JPETAB 118,153,56

ipr-mus LD50:220 mg/kg JPETAB 118,153,56

scu-mus LD50:355 mg/kg JPETAB 118,153,56

* ivn-mus LD50:121 mg/kg KHFZAN 13(7),32,79

TN0927000 4-PIPERIDINEMETHANOL, alpha,alpha-DIPHENYL-1-METHYL-

UPDT:8305 MW: 281.43 MOLFM: C19-H23-N-O

SYN: alpha,alpha-DIPHENYL-1-METHYL-4-PIPERIDINEMETHANOL * (N-METHYL PIPERIDYL-4) DIPHENYL CARBINOL (French)

TOXICITY DATA AND REFERENCES:

2F07F12 ipr-mus LD50:220 mg/kg CHTPBA 1,212,66

TN0929000 3-PIPERIDINEMETHANOL, 3-HYDROXY-1-ISOPROPYL-alpha-PHENYL-, 3-BENZOATE, HYDROCHLORIDE, (+-)-

UPDT:8311 MW: 389.96 MOLFM: C22-H27-N-O3 .Cl-H

SYN: (+-)-3-HYDROXY-1-ISOPROPYL-alpha-PHENYL-3-PIPERIDINEMETHANOL 3-BENZOATE HYDROCHLORIDE * (+-)-1-ISO-PROPYL-3-BENZOYLOXY-3-(alpha-HYDROXYBENZYL)PIPERIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1F29 scu-mus LD50:300 mg/kg JPMSAE 60,685,71

TN1064000 PIPERIDINE, 1-(2-(p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)ETHYL)-, HYDROCHLORIDE

UPDT:8302 MW: 476.10 MOLFM: C30-H33-N-O2 .Cl-H

SYN: 1-(2-(p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)ETHYL)PIPERIDINE HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:875 ug/kg (1D pre/1-6D preg) CHINAG (10),408,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TN1225000 PIPERIDINE, 1-METHYL-

UPDT:8312 CAS: 626-67-5 MW: 99.20 MOLFM: C6-H13-N

SYN: N-METHYLPIPERIDINE * 1-METHYLPIPERIDINE (DOT) * UN 2399 (DOT)

TOXICITY DATA AND REFERENCES:

scu-rbt LDLo:400 mg/kg BDCGAS 34,2408,01

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

TN1275620 PIPERIDINE, 2-METHYL-1-((6-METHYL-3-CYCLOHEXEN-1-YL)CARBONYL)-

UPDT:8311 MW: 221.38 MOLFM: C14-H23-N-O

SYN: AI3-36564 * 2-METHYL-1-((6-METHYL-3-CYCLOHEXEN-1-YL)CARBONYL)PIPERIDINE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD AEHA** 51-029-76

eye-rbt 100 mg/24H MOD AEHA** 51-029-76

TN1275630 PIPERIDINE, 3-METHYL-1-((6-METHYL-3-CYCLOHEXEN-1-YL)CARBONYL)-

UPDT:8311 MW: 221.38 MOLFM: C14-H23-N-O

SYN: AI3-36565 * 3-METHYL-1-((6-METHYL-3-CYCLOHEXEN-1-YL)CARBONYL)PIPERIDINE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD AEHA** 51-029-76

eye-rbt 100 mg/24H MLD AEHA** 51-029-76

TN1275640 PIPERIDINE, 4-METHYL-1-((6-METHYL-3-CYCLOHEXEN-1-YL)CARBONYL)-

UPDT:8311

SYN: AI3-36566 * 4-METHYL-1-((6-METHYL-3-CYCLOHEXEN-1-YL)CARBONYL)PIPERIDINE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD AEHA** 51-029-76

eye-rbt 100 mg/24H MLD AEHA** 51-029-76

TN1275800 PIPERIDINE, 2-METHYL-1-((2-METHYLCYCLOHEXYL)CARBONYL)-

UPDT:8311 MW: 223.40 MOLFM: C14-H25-N-O

SYN: AI3-36543 * 2-METHYL-1-((2-METHYLCYCLOHEXYL)CARBONYL)PIPERIDINE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD NTIS** AD-A053-882

eye-rbt 100 mg MOD NTIS** AD-A053-882

TN1276000 PIPERIDINE, 3-METHYL-1-((2-METHYLCYCLOHEXYL)CARBONYL)-

UPDT:8311 CAS: 64387-78-6 MW: 223.40 MOLFM: C14-H25-N-O

SYN: AI3-36558 * 3-METHYL-1-((2-METHYLCYCLOHEXYL)CARBONYL)PIPERIDINE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD AEHA** 51-029-76

eye-rbt 100 mg/24H MLD AEHA** 51-029-76

TOXICITY DATA AND REFERENCES:

* orl-rat LDLo:3300 mg/kg AEHA** 51-0820-77

TN1277000 PIPERIDINE, 4-METHYL-1-((2-METHYLCYCLOHEXYL)CARBONYL)-

UPDT:8311 CAS: 64387-77-5 MW: 223.40 MOLFM: C14-H25-N-O

SYN: AI3-36559 * KETONE, 2-METHYLCYCLOHEXYL 4-METHYLPIPERIDINO * 4-METHYL-1-((2-METHYLCYCLOHEXYL)CARBONYL)PIPERIDINE

IRRITATION DATA AND REFERENCES:

eye-rbt 100 mg MOD NTIS** AD-A039-531

TN1277500 PIPERIDINE, 1-METHYL-4-(METHYLSULFONYL)-4-PHENYL-, HYDROCHLORIDE

UPDT:8312 MW: 289.85 MOLFM: C13-H19-N-O2-S .Cl-H

SYN: 1-METHYL-4-(METHYLSULFONYL)-4-PHENYLPIPERIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1F29 orl-mus LD50:500 mg/kg APFRAD 12,241,54

TN1296000 PIPERIDINE, 2-METHYL-N-NITROSO-, R(-)-

UPDT:8401 CAS: 14026-03-0 MW: 128.20 MOLFM: C6-H12-N2-O

SYN: R(-)-N-NITROSO-2-METHYL-PIPERIDIN (German) * R(-)-N-NITROSO-2-METHYLPIPERIDINE * R(-)-N-NITROSO-alpha-PIPECOLINE

TUMORIGENIC DATA AND REFERENCES:

2V01A60	orl-rat TDLo:6300 mg/kg/40W-I	ZKKOBW 79,118,73

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:600 mg/kg	ZKKOBW 79,118,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TN1297000 PIPERIDINE, 2-METHYL-N-NITROSO-, S(+)-

UPDT:8401 CAS: 36702-44-0 MW: 128.20 MOLFM: C6-H12-N2-O

SYN: S(+)-N-NITROSO-2-METHYL-PIPERIDIN (German) * S(+)-N-NITROSO-2-METHYLPIPERIDINE * S(+)-N-NITROSO-alpha-PIPECOLINE

TUMORIGENIC DATA AND REFERENCES:

2V01A60	orl-rat TDLo:5700 mg/kg/37W-I	ZKKOBW 79,118,73

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:600 mg/kg	ZKKOBW 79,118,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TN1297500 PIPERIDINE, 1-METHYL-4-(PENTYLSULFONYL)-4-PHENYL-, HYDROCHLORIDE

UPDT:8312 MW: 345.97 MOLFM: C17-H27-N-O2-S .Cl-H

SYN: 1-METHYL-4-(PENTYLSULFONYL)-4-PHENYLPIPERIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1F29	orl-mus LD50:500 mg/kg	APFRAD 12,241,54

TN1301500 PIPERIDINE, 4-METHYL-1-(1-PHENYLCYCLOHEXYL)-, HYDROCHLORIDE

UPDT:8308 MW: 293.92 MOLFM: C18-H27-N .Cl-H

SYN: 4-METHYL-1-(1-PHENYLCYCLOHEXYL)PIPERIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:98 mg/kg	JATOD3 6,P41,82

PIPERIDINE, 1-(1-METHYL-2-(2-(PHENYLMETHYL)PHENOXY)ETHYL)-, PHOSPHATE (9CI) see: TN1304400

TN1303500 PIPERIDINE, 1-METHYL-4-PHENYL-4-(PROPYLSULFONYL)-, HYDROCHLORIDE

UPDT:8312 MW: 317.91 MOLFM: C15-H23-N-O2-S .Cl-H

SYN: 1-METHYL-4-PHENYL-4-(PROPYLSULFONYL)PIPERIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F25F29	orl-mus LD50:500 mg/kg	APFRAD 12,241,54

TN1303600 PIPERIDINE, 1-(5-METHYL-4-PHENYL-1-PYRROLIN-2-YL)-

UPDT:8402 MW: 242.40 MOLFM: C16-H22-N2

SYN: 1-(5-METHYL-4-PHENYL-1-PYRROLIN-2-YL)PIPERIDINE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:300 mg/kg	EJMCA5 13,161,78

TN1304400 PIPERIDINE, 1-(1-METHYL-2-((alpha-PHENYL-o-TOLYL)OXY)ETHYL)-, PHOSPHATE

UPDT:8408 CAS: 3563-76-6 MW: 995.49 MOLFM: C21-H27-N-O .xH3-O4-P

SYN: ASA 158-5 * BENPROPERINE PHOSPHATE * 1-(2-(2-BENZILFENOSSI)-1-METILETIL)-PIPERIDINA FOSFATO (Italian) * 1-(2-BENZYLPHENOXY)-2-PIPERIDINOPROPANE PHOSPHATE * BLASCORID * 1-(1-METHYL-2-((alpha-PHENYL-o-TOLYL)OXY)ETHYL)PIPERIDINE PHOSPHATE * PIPERIDINE, 1-(1-METHYL-2-(2-(PHENYLMETHYL)PHENOXY)ETHYL)-, PHOSPHATE (9CI) * PIREXYL PHOSPHATE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1100 mg/kg	NIIRDN 6,782,82
*	ipr-mus LD50:139 mg/kg	NIIRDN 6,782,82
*	scu-mus LD50:710 mg/kg	NIIRDN 6,782,82
*	ivn-mus LD50:32 mg/kg	NIIRDN 6,782,82

TN1330000 PIPERIDINE, 1-(3-(2-METHYL-4-PYRIDYL)-3-PHENYLPROPYL)-

UPDT:8411 MW: 294.48 MOLFM: C20-H26-N2

TOXICITY DATA AND REFERENCES:

*	scu-gpg LD50:300 mg/kg	YKKZAJ 76,1430,56

TN1400000 PIPERIDINE, 1-METHYL-4-(N-2-THENYLANILINO)-

UPDT:8312 CAS: 86-12-4 MW: 286.47 MOLFM: C17-H22-N2 S

SYN: 1-METHYL-4-AMINO-N-PHENYL-N-(2-THENYL)PIPERIDINE * 1-METHYL-4-N-2-THENYLANILINOPIPERIDINE * THENALIDINE * THENOPHENOPIPERIDINE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1060 mg/kg	ANAEA3 21,233,63
*	ivn-rat LD50:42 mg/kg	ANAEA3 21,233,63
*	orl-mus LD50:165 mg/kg	ANAEA3 21,233,63
*	ivn-mus LD50:42 mg/kg	ANAEA3 21,233,63
*	ivn-rbt LD50:20 mg/kg	ANAEA3 21,233,63

TN2030000 PIPERIDINE, 1,1'-(delta,delta'-NITRILODITETRAMETHYLENE)BIS(gamma-sec-BUTYL-gamma- (1-NAPHTHYL)-

UPDT:8407 CAS: 33310-64-4 MW: 658.12 MOLFM: C46-H63-N3

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:72 mg/kg	CHTPBA 6,10,71

TN2100000 PIPERIDINE, 1-NITROSO-

UPDT:8412 CAS: 100-75-4 MW: 114.17 MOLFM: C5-H10-N2-O

SYN: NITROSOPIPERIDIN (German) * N-NITROSO-PIPERIDIN (German) * N-NITROSOPIPERIDINE * 1-NITROSOPIPERIDINE * N-N-PIP * NO-Pip * NPIP * PYRIDINE, HEXAHYDRO-N-NITROSO- * RCRA WASTE NUMBER U179

MUTATION DATA AND REFERENCES:

	mma-sat 100 ug/plate	ENMUDM 5(Suppl 1),3,83
	mma-sat 3 ug/plate	ENMUDM 5(Suppl 1),3,83
	mma-esc 16700 umol/L	CNREA8 36,4099,76
	dnr-esc 25 uL/well	CBINA8 15,219,76
	dnr-bcs 20 uL/disc	MUREAV 97,1,82
	sln-dmg-orl 5 mmol/L	MUREAV 67,27,79
	mmo-smc 50 mmol/L/24H	MUREAV 57,155,78
	dnd-hmn:lng 100 umol/plate	JNCIAM 59,1401,77
	otr-rat-ipr 50 mg/kg	CNREA8 40,1157,80
	dnd-rat-ipr 50 mg/kg	CNREA8 33,3209,73
	dnd-rat:lvr 1 mmol/L	CNREA8 42,2592,82
	dns-rat:oth 100 mmol/L	SHKKAN 22,300,80
	hma-rat/smc 2603 mg/kg	TCMUD8 3,41,83
	otr-ham:emb 100 ug/L	IJCNAW 19,642,77
	msc-ham:lng 10 umol/L/18H	CNREA8 40,406,80

TUMORIGENIC DATA AND REFERENCES:

3V01K60L60	orl-rat TDLo:350 mg/kg/2Y-I	IAPUDO 31,657,80
2V03D09	scu-rat TDLo:680 mg/kg/34W-I	XENOBH 3.271,73
3V01K60L60	ivn-rat TDLo:400 mg/kg/40W-I	NATWAY 50,100,63
3V01K60L60	orl-mus TDLo:2160 mg/kg/1Y-C	NATWAY 56,142,69
2V03L60	orl-mky TDLo:540 gm/kg/5Y-I	27CWAL 3(Pt.3),216,72
3V01J60L60	orl-gpg TDLo:1326 mg/kg/52W-I	IAPUDO 41,665,82
3V01J60K60	orl-ham TDLo:206 mg/kg/1Y-C	CALEDQ 21,219,83
3V01D09J60	scu-ham TDLo:1245 mg/kg/25W-I	CALEDQ 2,169,77
3V02T65K60	scu-ham TDLo:100 mg/kg (14D preg)	ZKKOBW 90,71,77
2V03L60	orl-rat TD :504 mg/kg/4W-C	GANNA2 65,123,74
2V02J60	scu-ham TD :100 mg/kg	ZKKOBW 90,71,77
3V01K60L60	orl-rat TD :3915 mg/kg/29W-I	BJCAAI 18,265,64
2V03K60	scu-rat TD :850 mg/kg/52W-I	ARZNAD 19,1077,69
2V02J60	scu-ham TD :623 mg/kg/44W-I	JNCIAM 51,1295,73
3V01K60L60	orl-rat TD :840 mg/kg/56W-I	IAPUDO 31,657,80
3V01K60L60	orl-rat TD :1400 mg/kg/30W-I	CRNGDP 2,1045,81
2V02J60	scu-ham TD :1047 mg/kg/37W-I	JNCIAM 51,1295,73
3V03K60P62	scu-rat TD :900 mg/kg/1Y-I	ZEKBAI 66,138,64
2V02K60	orl-rat TD :1400 mg/kg/28W-I	CALEDQ 12,99,81

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:200 mg/kg	ZEKBAI 69,103,67
	scu-rat LD50:100 mg/kg	ZKKOBW 80,17,73
	ivn-rat LD50:60 mg/kg	ZEKBAI 69,103,67
*	orl-ham LD50:617 mg/kg	CALEDQ 21,219,83
	scu-ham LD50:324 mg/kg	ZKKOBW 81,251,74

REVIEW AND REFERENCES:

	TOXICOLOGY REVIEW: BLFSBY 24,129,83	
★	CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 17,287,78
★	CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 17,287,78
★	CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 28,151,82

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

. 12125000 PIPERIDINE, 1-NITROSO-4-PHENYL-

UPDT:8401 CAS: 6652-04-6 MW: 190.27 MOLFM: C11-H14-N2-O

SYN: NITROSO-4-PHENYLPIPERIDINE * N-NITROSO-4-PHENYLPIPERIDINE * 1-NITROSO-4-PHENYLPIPERIDINE * 4-PHENYLNITROSOPIPERIDINE

MUTATION DATA AND REFERENCES:

	mma-sat 100 ug/plate	TCMUD8 1,295,80

TUMORIGENIC DATA AND REFERENCES:

3V01K60L60	orl-rat TDLo:4175 mg/kg/2Y-I	CRNGDP 2,1045,81

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TN2145000 PIPERIDINE, 1-NITROSO-2,2,6,6-TETRAMETHYL-

UPDT:8403 CAS: 6130-93-4 MW: 170.29 MOLFM: C9-H18-N2-O

SYN: 1-NITROSO-2,2,6,6-TETRAMETHYLPIPERIDINE * 2,2,6,6-TETRAMETHYLNITROSOPIPERIDINE

TUMORIGENIC DATA AND REFERENCES:

3V03D09L60	orl-rat TDLo:3375 mg/kg/50W-I	IJCNAW 16,318,75

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:300 mg/kg	NATUAS 184,1707,59
	ivn-mus LD50:25 mg/kg	NATUAS 184,1707,59

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TN2147000 PIPERIDINE, 1-(beta-(OCTYLOXY)PHENETHYL)-, HYDROCHLORIDE

UPDT:8412 CAS: 19831-41-5 MW: 325.97 MOLFM: C19-H31-N-O .Cl-H

TOXICITY DATA AND REFERENCES:

*	unk-mam LD50:350 mg/kg	CHTPBA 2,446,67

TN2148000 PIPERIDINE, 1-(2-(p-(OCTYLOXY)PHENOXY)ETHYL)-, MONOHYDROCHLORIDE

UPDT:8305 MW: 370.03 MOLFM: C21-H35-N-O2 .Cl-H

SYN: 1-(2-(p-(OCTYLOXY)PHENOXY)ETHYL)PIPERIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:107 mg/kg	COREAF 241,1523,55

TN2240000 PIPERIDINE, 1,2,2,6,6-PENTAMETHYL-, TARTRATE

UPDT:8310 CAS: 546-48-5 MW: 305.42 MOLFM: C10-H21-N .C4-H6-O6

SYN: PEMPIDINA TARTRATO (Italian) * PEMPIDINE TARTRATE * 1,2,2,6,6-PENTAMETHYLPIPERIDINE TARTRATE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:400 mg/kg	BCFAAI 103,490,64
*	scu-mus LD50:230 mg/kg	BCFAAI 103,490,64

TN2251000 PIPERIDINE, 1-(beta-(PENTYLOXY)PHENETHYL)-, HYDROCHLORIDE

UPDT:8412 CAS: 19831-37-9 MW: 311.94 MOLFM: C18-H29-N-O .Cl-H

TOXICITY DATA AND REFERENCES:

*	unk-mam LD50:250 mg/kg	CHTPBA 2,446,67

TN2252000 PIPERIDINE, 4-(PENTYLSULFONYL)-4-PHENYL-1-(p-TOLYLSULFONYL)-

UPDT:8312 MW: 449.67 MOLFM: C23-H31-N-O4-S2

SYN: 4-(PENTYLSULFONYL)-4-PHENYL-1-(p-TOLYLSULFONYL)PIPERIDINE

TOXICITY DATA AND REFERENCES:

1F29	orl-mus LD50:2000 mg/kg	APFRAD 12,241,54

TN2256000 PIPERIDINE, 1-(2-(PHENETHYLOXY)PHENYL)-

UPDT:8411 CAS: 27021-44-9 MW: 233.39 MOLFM: C15-H23-N-O

TOXICITY DATA AND REFERENCES:

*	ipr-mus LDLo:60 mg/kg	CHTPBA 5,10,70

TN2268000 PIPERIDINE, 1-(p-(PHENYLAZO)PHENYL)-

UPDT:8312 MW: 265.39 MOLFM: C17-H19-N3

SYN: 1-(p-(PHENYLAZO)PHENYL)PIPERIDINE * 4-N-PIPERIDINYLAZOBENZENE

MUTATION DATA AND REFERENCES:

	mma-sat 500 ug/plate	CALEDQ 17,263,83

TN2270000 PIPERIDINE, 1-(4-PHENYL-2-BUTENYL)-, HYDROCHLORIDE

UPDT:8302 CAS: 34551-97-8 MW: 251.83 MOLFM: C15-H21-N .Cl-H

SYN: 1-(4-PHENYL-2-BUTENYL)PIPERIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:90 mg/kg	RPTOAN 40,69,77
	ipr-mus LD50:90 mg/kg	RPTOAN 40,69,77

TN2272590 PIPERIDINE, 1-(1-PHENYLCYCLOHEXYL)-

UPDT:8405 CAS: 77-10-1 MW: 243.43 MOLFM: C17-H25-N

SYN: CL-395 * HOG * PCP * PCP (ANESTHETIC) * PHENCYCLIDINE * 1-(1-PHENYLCYCLOHEXYL)PIPERIDINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T81T86	ipr-rat TDLo:100 mg/kg (6-15D preg)	ANREAK 193,524,79
2T81T85	orl-mus TDLo:130 mg/kg (5D pre/1-21D preg)	TJADAB 28,319,83

TOXICITY DATA AND REFERENCES:

1F13	ipr-mus LD50:2800 ug/kg	TOLED5 12,171,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TN2272597 PIPERIDINE, 1-(1-PHENYLCYCLOHEXYL)-, HYDROBROMIDE

UPDT:8407 CAS: 2981-31-9 MW: 324.35 MOLFM: C17-H25-N .Br-H

SYN: PHENCYCLIDINE HYDROBROMIDE * N-(1-PHENYLCYCLOHEXYL)-PIPERIDINE HYDROBROMIDE * PHENYLCYCLIDINE HYDROBROMIDE * SERNYLAN HYDROBROMIDE * SERNYL HYDROBROMIDE

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:22 mg/kg	CSLNX* NX#10998

TN2272600 PIPERIDINE, 1-(1-PHENYLCYCLOHEXYL)-, HYDROCHLORIDE

UPDT:8406 CAS: 956-90-1 MW: 279.89 MOLFM: C17-H25-N .Cl-H

SYN: ANGEL DUST * CI395 * CN-25,253-2 * DOA * ELEPHANT TRANQUILIZER * ELYSION * GP-121 * HOG * NSC-40902 * PCP HYDROCHLORIDE * PEACE PILL * PHENCYCLIDINE HYDROCHLORIDE * 1-(1-PHENYLCYCLOHEXYL)PIPERIDINE HYDROCHLORIDE * SERNYL * SERNYLAN * SERNYL HYDROCHLORIDE * TRANK

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T41T43T46	ipr-rat TDLo:60 mg/kg (10D preg)	PBBHAU 11(Suppl),39,79
1T53	ipr-rat TDLo:60 mg/kg (10D preg)	PBBHAU 11(Suppl),39,79
3T25T26T35	ipr-rat TDLo:240 mg/kg (15-20D preg)	PBBHAU 11(Suppl),39,79
1T39	ipr-rat TDLo:240 mg/kg (15-20D preg)	PBBHAU 11(Suppl),39,79
2T41T43	orl-mus TDLo:1200 mg/kg (6-15D preg)	TJADAB 21,241,80
1T34	orl-mus TDLo:600 mg/kg (6-15D preg)	TJADAB 21,241,80
1T17	scu-mus TDLo:85 mg/kg (1-17D preg)	PSCHDL 69,63,80

TOXICITY DATA AND REFERENCES:

3F06F08F13	orl-hmn TDLo:71 ug/kg	JAMAAP 238,515,77
	orl-hmn LDLo:14 mg/kg	JAMAAP 238,515,77
3C10F08F17	ivn-hmn TDLo:10 ug/kg	CPAJAK 6,150,61
1F05	orl-rat LD50:135 mg/kg	NTOTDY 3,11,81
	orl-mus LD50:77 mg/kg	JPPMAB 28,713,76
3F12F17F19	ipr-mus LD50:59558 ug/kg	SAAMDZ 2,143,81
1F29	scu-mus LD50:38 mg/kg	JMCMAR 24,496,81
3F07J22R21	ivn-mus LD50:16 mg/kg	LIFSAK 31,803,82
3F12G10H01	ivn-dog LDLo:50 mg/kg	TXCYAC 19,11,81
	orl-pgn LD50:237 mg/kg	TXAPA9 21,315,72
	orl-dck LD50:75 mg/kg	TXAPA9 21,315,72
	orl-bwd LD50:42 mg/kg	TXAPA9 21,315,72
	orl-brd LD50:133 mg/kg	TXAPA9 21,315,72

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: PHJOAV 213(5781),159,74; BNUNAS 26(4),9,74; NYSJAM 78,2035,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TN2320000 PIPERIDINE, 1-(4-PHENYLTETRAHYDRO-2H-THIOPYRAN-4-YL)-, S,S-DIOXIDE, HYDROCHLORIDE

UPDT:8407 CAS: 21602-58-4 MW: 329.92 MOLFM: C16-H23-N-O2-S .Cl-H

SYN: 1-(PHENYLTETRAHYDRO-4-THIOPYRANYL)PIPERIDINE, OXIDE, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:178 mg/kg	CHTPBA 3,241,68

PIPERIDINE, 1-(3-PIPERIDYL)CARBONYL- see: OB6420000

TN2321500 PIPERIDINE, 1-PIPEROYL-, (E,E)-

UPDT:8405 CAS: 94-62-2 MW: 285.37 MOLFM: C17-H19-N-O3

SYN: 1,3-BENZODIOXOL-5-YL-1-OXO-2,4-PENTADIENYL-PIPERINE * PIPERIDINE, 1-(5-(1,3-BENZODIOXOL-5-YL)-1-OXO-2,4-PENTADIENYL)-, (E,E)- (9CI) * PIPERIN * PIPERINE * 1-PIPEROYLPIPERIDINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:700 mg/kg (1-7D preg)	IJSIDW 40,113,78
2T34T35	orl-mus TDLo:150 mg/kg (15-20D preg)	CCPTAY 26,625,82
1T24	orl-mus TDLo:400 mg/kg (2-5D preg)	CCPTAY 26,625,82
1T27	orl-mus TDLo:125 mg/kg (8-12D preg)	CCPTAY 26,625,82
1T24	ipr-mus TDLo:100 mg/kg (2-5D preg)	CCPTAY 26,625,82
1T27	ipr-mus TDLo:25 mg/kg (8-12D preg)	CCPTAY 26,625,82

TOXICITY DATA AND REFERENCES:

3J30K30M30	orl-rat LD50:514 mg/kg	TOLED5 16,351,83
3J30K30M30	ipr-rat LD50:34 mg/kg	TOLED5 16,351,83
3F17F18F19	orl-mus LD50:1637 mg/kg	APHRDQ 2,121,79
3J30K30M30	ipr-mus LD50:43 mg/kg	TOLED5 16,351,83
3J30K30M30	ipr-ham LD50:105 mg/kg	TOLED5 16,351,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-PIPERIDINEPROPANOL, alpha-BICYCLO(2.2.1)HEPT-5-EN-2-YL-alpha-PHENYL- see: TN3675000

PIPERIDINEPROPANOL, alpha-BICYCLO(2.2.1)HEPT-5-EN-2-YL-alpha-PHENYL-, HYDROCHLORIDE see: TN3700000

TN2625000 1-PIPERIDINEPROPANOL, alpha-CYCLOHEXYL-alpha-PHENYL-, HYDROCHLORIDE

UPDT:8311 CAS: 52-49-3 MW: 337.98 MOLFM: C20-H31-N-O .Cl-H

SYN: APARKAN * ARTANE * ARTANE HYDROCHLORIDE * ARTANE TRIHEXYPHENIDYL * BENZHEXOL CHLORIDE * BENZHEXOL HYDROCHLORIDE * CYCLODOL * alpha-CYCLOHEXYL-alpha-PHENYL-1-PIPERIDINEPROPANOL HYDROCHLORIDE * PACITANE * PARALEST * PARGITAN * PARKINSAN * PARKOPAN * PERAGIT * 1-PHENYL-1-CYCLOHEXYL-3-PIPERIDYL-1-PROPANOL HYDROCHLORIDE * PIPANOL * 3-(1-PIPERIDYL)-1-CYCLOHEXYL-1-PHENYL-1-PROPANOL HYDROCHLORIDE * ROMPARKIN * SEDRENA * TREMIN * TRIESIFENIDILE * TRIEXIFENIDILA * TRIHEXYPHENIDYL HYDROCHLORIDE * TRIPHEDINON * TRIPHENIDYL * TSIKLODOL

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:195 mg/kg	27ZQAG -,311,72
	ivn-rat LD50:30 mg/kg	27ZQAG -,311,72
*	orl-mus LD50:217 mg/kg	NIIRDN 6,525,82
	ipr-mus LD50:162 mg/kg	27ZQAG -,311,72
	scu-mus LD50:152 mg/kg	27ZQAG -,311,72
	ivn-mus LD50:39 mg/kg	27ZQAG -,311,72
1E16	scu-gpg LD50:320 mg/kg	AIPTAK 137,375,62

TN2855000 1-PIPERIDINEPROPANOL, alpha,alpha-DIPHENYL-

UPDT:8306 CAS: 511-45-5 MW: 295.46 MOLFM: C20-H25-N-O

SYN: 238 C * alpha,alpha-DIPHENYL-1-PIPERIDINEPROPANOL * HH 212 * NONPLESIN * PARKS * PARKS 12 * PARKS 12 HOMMEL * PDP * PRIDINOL

TOXICITY DATA AND REFERENCES:

2F07F12	ipr-mus LD50:100 mg/kg	CHTPBA 1,212,66

TN2856000 1-PIPERIDINEPROPANOL, alpha,alpha-DIPHENYL-, HYDROCHLORIDE

UPDT:8403 CAS: 968-58-1 MW: 331.92 MOLFM: C20-H25-N-O .Cl-H

SYN: BENZHYDROL, alpha-(2-PIPERIDYLETHYL)-, HYDROCHLORIDE * alpha,alpha-DIPHENYL-1-PIPERIDINEPROPANOL HYDROCHLORIDE * 1,1-DIPHENYL-3-PIPERIDINO-1-PROPANOL HYDROCHLORIDE * 1,1-DIPHENYL-3-(1-PIPERIDYL)-1-PROPANOL HYDROCHLORIDE * MITANOLINE * PAR KS-12 * 3-PIPERIDINO-1,1-DIPHENYL-1-PROPANOL HYDROCHLORIDE * 3-(N-PIPERIDYL)-1,1-DIPHENYL-1-PROPANOL HYDROCHLORIDE * alpha-(2-PIPERIDYLETHYL) BENZHYDROL HYDROCHLORIDE * PRIDINOL * PRIDINOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:91 mg/kg	JPETAB 96,151,49
	ivn-rat LD50:33 mg/kg	JPETAB 96,151,49
	ipr-mus LD50:131 mg/kg	JPETAB 96,151,49
	ivn-mus LD50:35 mg/kg	JPETAB 96,151,49

TN3320000 1-PIPERIDINEPROPANOL, 2-METHYL-, BENZOATE(ester)

UPDT:8306 CAS: 32248-37-6 MW: 261.40 MOLFM: C16-H23-N-O2

SYN: 3-BENZOXY-1-(2-METHYLPIPERIDINO)PROPANE * BENZOYL-gamma-(2-METHYLPIPERIDINO)PROPANOL * ISOCAINE (ISO-SOL Co.) BASE * 2-METHYL-1-PIPERIDINOPROPANOL, BENZOATE * (2-METHYLPIPERIDINO)PROPYL BENZOATE * gamma-(2-METHYLPIPERIDYL)PROPYL BENZOATE * METYCAINE * NEOTHESIN * PIPEROCAINE

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:129 mg/kg	ARZNAD 8,708,58
*	ivn-rat LDLo:17500 ug/kg	PHREA7 12,190,32
	scu-mus LDLo:590 mg/kg	JAPMA8 39,4,50
	ivn-mus LDLo:26 mg/kg	JAPMA8 39,4,50
*	ivn-rbt LDLo:28 mg/kg	PHREA7 12,190,32

TN3325000 1-PIPERIDINEPROPANOL, 2-METHYL-, BENZOATE (ESTER), HYDROCHLORIDE

UPDT:8405 CAS: 533-28-8 MW: 297.86 MOLFM: C16-H23-N-O2 Cl-H

SYN: o-AMINOBENZOYL DI(ISOPROPYLAMINO)ETHANOL, HYDROCHLORIDE * BENZOIC ACID, 3-(2-METHYLPIPERIDINO)PROPYL ESTER, HYDROCHLORIDE * 3-BENZOXY-1-(2-METHYLPIPERIDINO)PROPANE HYDROCHLORIDE * dl-3-BENZOXY-1-(2-METHYLPIPERIDINO)PROPANE HYDROCHLORIDE * BENZOYL-gamma-(2-METHYLPIPERIDINO)PROPANOL HYDROCHLORIDE * ISOCAINE * 2-METHYL-1-PIPERIDINEPROPANOL BENZOATE HYDROCHLORIDE * 3-(2-METHYLPIPERIDINO)PROPYL BENZOATE HYDROCHLORIDE * dl-(2-METHYLPIPERIDINO)PROPYL BENZOATE HYDROCHLORIDE * gamma-(2-METHYLPIPERIDINO)PROPYL BENZOATE HYDROCHLORIDE * (+ -)-gamma-(2-METHYLPIPERIDYL)PROPYL BENZOATE HYDROCHLORIDE * METYCAINE HYDROCHLORIDE * NEOTHESIN HYDROCHLORIDE * PIPEROCAINE HYDROCHLORIDE * PIPEROCAINIUM CHLORIDE

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:120 mg/kg	JLCMAK 15,731,30
*	scu-rat LD50:1300 mg/kg	MEIEDD 10,1078,83
*	ivn-rat LD50:20 mg/kg	MEIEDD 10,1078,83
	scu-mus LD50:589 mg/kg	JACSAT 68,2592,46
*	ivn-mus LD50:18200 ug/kg	TXAPA9 1,454,56
	scu-cat LDLo:200 mg/kg	JPETAB 24,167,25
	scu-rbt LDLo:300 mg/kg	JPETAB 24,167,25
	ivn-rbt LD50:28 mg/kg	JLCMAK 15,731,30
	isp-rbt LDLo:10 mg/kg	JPETAB 57,221,36

1-PIPERIDINEPROPANOL, 2-METHYL-, 3,4-DICHLOROBENZOATE (ESTER) see: DG7700000

TN3530000 1-PIPERIDINEPROPANOL, beta-METHYL-alpha-PHENYL-, CARBANILATE, HYDROCHLORIDE, alpha-

UPDT:8406 MW: 388.98 MOLFM: C22-H28-N2-O2 .Cl-H

SYN: beta-METHYL-alpha-PHENYL-1-PIPERIDINEPROPANOL CARBANILATE HYDROCHLORIDE, alpha-

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:258 mg/kg	JAPMA8 44,766,55
*	ivn-mus LD50:21800 ug/kg	JAPMA8 44,766,55

TN3531000 1-PIPERIDINEPROPANOL, beta-METHYL-alpha-PHENYL-, CARBANILATE, HYDROCHLORIDE, beta-

UPDT:8406 MW: 388.98 MOLFM: C22-H28-N2-O2 Cl-H

SYN: beta-METHYL-alpha-PHENYL-1-PIPERIDINEPROPANOL CARBANILATE HYDROCHLORIDE, beta-

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:301 mg/kg	JAPMA8 44,766,55
*	ivn-mus LD50:12 mg/kg	JAPMA8 44,766,55

TN3675000 1-PIPERIDINEPROPANOL, alpha-5-NORBORNEN-2-YL-alpha-PHENYL-

UPDT:8407 CAS: 514-65-8 MW: 311.51 MOLFM: C21-H29-N-O

SYN: AKINETON * AKINOPHYL * BEPERIDEN * alpha-(BICYCLO(2.2.1)HEPT-5-EN-2-YL)-alpha-PHENYL-1-PIPERIDINO PROPANOL * 1-BICYCLOHEPTENYL-1-PHENYL-3-PIPERIDINO-PROPANOL-1 * BIPERIDEN * KL 373 * 5-NORBORNENE-2-METHANOL, alpha-PHENYL-alpha-(2-PIPERIDINOETHYL)- * 1-PIPERIDINEPROPANOL, alpha-BICYCLO(2.2.1)HEPT-5-EN-2-YL-alpha-PHENYL- * 3-PIPERIDINO-1-PHENYL-1-BICYCLO(2.2.1)HEPTEN-(5)-YL-PROPANOL-(1) (German) * 3-PIPERIDINO-1-PHENYL-1-BICYCLOHEPTENYL-1-PROPANOL

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:750 mg/kg	NIIRDN 6,636,82
*	orl-mus LD50:530 mg/kg	NIIRDN 6,636,82
*	ipr-mus LD50:161 mg/kg	NIIRDN 6,636,82
	scu-mus LD50:195 mg/kg	AIPTAK 128,204,60
	ivn-mus LD50:56 mg/kg	AIPTAK 128,204,60
*	orl-dog LD50:340 mg/kg	NIIRDN 6,636,82

TN3700000 1-PIPERIDINEPROPANOL, alpha-5-NORBORNEN-2-YL-alpha-PHENYL-, HYDROCHLORIDE

UPDT:8403 CAS: 1235-82-1 MW: 347.97 MOLFM: C21-H29-N-O .Cl-H

SYN: AKINETON HYDROCHLORIDE * AKINOPHYL * 1-BICYCLOHEPTENYL-1-PHENYL-3-PIPERIDINOPROPANOL-1 HYDROCHLORIDE * alpha-(BICYCLO(2.2.1)HEPT-5-EN-2-YL)-alpha-PHENYL-1-PIPERIDINEPROPANOL HYDROCHLORIDE * BIPERIDEN HYDROCHLORIDE * BIPERIDINE HYDROCHLORIDE * alpha-5-NORBORNEN-2-YL-alpha-PHENYL-PIPERIDINE PROPANOL HYDROCHLORIDE * PIPERIDINEPROPANOL, alpha-BICYCLO(2.2.1)HEPT-5-EN-2-YL-alpha-PHENYL-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:750 mg/kg	TXAPA9 2,379,60
	orl-mus LD50:545 mg/kg	29ZVAB -,17,69
*	ivn-mus LD50:56 mg/kg	MEIEDD 10,175,83
	orl-dog LD50:340 mg/kg	TXAPA9 2,379,60

TN3701980 1-PIPERIDINEPROPANOL, alpha-PHENYL-, CARBANILATE, HYDROCHLORIDE

UPDT:8406 MW: 374.95 MOLFM: C21-H26-N2-O2 .Cl-H

SYN: alpha-PHENYL-1-PIPERIDINEPROPANOL CARBANILATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:265 mg/kg	JAPMA8 44,766,55
*	ivn-mus LD50:28800 ug/kg	JAPMA8 44,766,55

TN3718000 PIPERIDINE, 1-(2-(p-PROPOXYPHENOXY)ETHYL)-, MONOHYDROCHLORIDE

UPDT:8305 MW: 299.88 MOLFM: C16-H25-N-O2 Cl-H

SYN: 1-(2-(p-PROPOXYPHENOXY)ETHYL)PIPERIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:30 mg/kg	COREAF 241,1523,55

TN3740000 PIPERIDINE, 3-PROPYL-

UPDT:8310 CAS: 13603-14-0 MW: 127.26 MOLFM: C8-H17-N

SYN: beta-PROPYLPIPERIDIN (German) * 3-PROPYLPIPERIDINE

TOXICITY DATA AND REFERENCES:

	scu-rbt LDLo:150 mg/kg	BDCGAS 34,2408,01

TN3740005 PIPERIDINE, 4-PROPYL-

UPDT:8310 CAS: 22398-09-0 MW: 127.26 MOLFM: C8-H17-N

SYN: 4-n-PROPYLPIPERIDINE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:56 mg/kg	CSLNX* NX#06400

PIPERIDINE, 2-(3-PYRIDYL)- see: BV4375000

TN3802000 PIPERIDINE, 1-(1-STYRYLCYCLOHEXYL)-

UPDT:8305 CAS: 14228-24-1 MW: 269.47 MOLFM: C19-H27-N

SYN: (STYRYL-1 CYCLOHEXYLE)-N PIPERIDINE (French) * 1-(1-STYRYLCYCLOHEXYL)PIPERIDINE

TOXICITY DATA AND REFERENCES:

1F24	ipr-mus LD50:224 mg/kg	CHTPBA 1,284,66

TN4220900 PIPERIDINE,1-(2,2,4,4-TETRAMETHYLVALERYL)-

UPDT:8411 CAS: 32905-67-2 MW: 225.42 MOLFM: C14-H27-N-O

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:2500 mg/kg	CHTPBA 6,208,71

TN4221400 PIPERIDINE, 1-(1-(2-THIENYL)CYCLOHEXYL)-

UPDT:8305 CAS: 21500-98-1 MW: 249.45 MOLFM: C15-H23-N-S

SYN: ((THIENYL-2)-1 CYCLOHEXYLE)-N PIPERIDINE (French) * 1-(1-(2-THIENYL)CYCLOHEXYL)PIPERIDINE

TOXICITY DATA AND REFERENCES:

1F24	ipr-mus LD50:178 mg/kg	CHTPBA 1,284,66

1-PIPERIDINETHIOCARBONYL DISULFIDE see: JO1585000

TN4222800 1-PIPERIDINEETHANETHIOL, 4-METHYL-, HYDROGEN SULFATE (ester)

UPDT:8401 MW: 239.38 MOLFM: C8-H17-N-O3-S2

SYN: THIOSULFURIC ACID, S-2-(4-METHYLPIPERIDINO)ETHYL ESTER

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:550 mg/kg	JPMSAE 65,1247,76
*	ipr-mus LD50:150 mg/kg	JPMSAE 65,1247,76

TN4224000 2-PIPERIDINETHIONE

UPDT:8307 CAS: 13070-01-4 MW: 115.21 MOLFM: C5-H9-N-S

SYN: THIOPIPERIDONE-2 (French) * delta-VALEROTHIOLACTAM

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:90 mg/kg	AIPTAK 93,143,53

TN4225200 2-PIPERIDINETHIONE, 1-METHYL-

UPDT:8307 MW: 129.24 MOLFM: C6-H11-N-S

SYN: 1-METHYL-2-PIPERIDINETHIONE * N-METHYLTHIOPIPERIDONE-2

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:350 mg/kg	AIPTAK 93,143,53

TN4228000 PIPERIDINE, compd. with TIN HEXACHLORIDE (2:1)

UPDT:7901 CAS: 69853-09-4 MW: 503.75 MOLFM: C10-H24-N2 .Cl6-Sn

SYN: BIS-(PIPERIDINIUM)HEXACHLOROSTANNATE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:56 mg/kg	CSLNX* NX#02631

REVIEW AND REFERENCES:

★	TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3	DTLVS* 4,398,80

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X)	FEREAC 39,23540,74

---

* TOXICITY DATA HAVE NOT BEEN EVALUATED.

★ OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

TN4229000 PIPERIDINE, 1-(4-(p-TOLYL-2-BUTENYL)-, HYDROCHLORIDE
UPDT:8302 CAS: 34619-99-3 MW: 265.86 MOLFM: C16-H23-N .Cl-H
SYN: 1-(4-(p-TOLYL-2-BUTENYL)PIPERIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:95 mg/kg RPTOAN 40,69,77
ipr-mus LD50:95 mg/kg RPTOAN 40,69,77

TN4345000 PIPERIDINE, 1-((1,8,8-TRIMETHYL-3-AZABICYCLO(3.2.1)OCT-3-YL)ACETYL)-
UPDT:8412 MOLFM: C17-H30-N2-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:205 mg/kg YKKZAJ 84,918,64

TN4355000 1-PIPERIDINEVALERIC ACID, alpha-BENZAMIDO-delta-OXO-, DL-
UPDT:8412 MW: 318.41 MOLFM: C17-H22-N2-O4
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1600 mg/kg MIMEAO 58,3653,67

TN4360000 PIPERIDINE, 1-(1-VINYLCYCLOHEXYL)-
UPDT:8307 CAS: 7418-86-2 MW: 193.37 MOLFM: C13-H23-N
SYN: (VINYL-1 CYCLOHEXYLE)-N PIPERIDINE (French) * 1-(1-VINYLCYCLOHEXYL)PIPERIDINE
TOXICITY DATA AND REFERENCES:
1F24 ipr-mus LD50:48 mg/kg CHTPBA 1,284,66

TN4365000 PIPERIDINE, 1,1'-(9H-XANTHENE-2,7-DIYL)-DI-3-BUTENE-4,1-DIYL)BIS-
UPDT:8309 CAS: 53353-55-2 MW: 456.73 MOLFM: C31-H40-N2-O
SYN: 1,1'-(9H-XANTHENE-2,7-DIYL)-DI-3-BUTENE-4,1-DIYL)BIS(PIPERIDINE)
TOXICITY DATA AND REFERENCES:
* orl-mus LDLO:250 mg/kg JMCMAR 19,1142,76

PIPERIDINIC ACID see: ES6300000

TN4426500 PIPERIDINIUM, 1-ALLYL-4-HYDROXY-1-METHYL-, BROMIDE, alpha-2-CYCLOPENTEN-1-YL- 2-THIOPHENEACETATE
UPDT:8405 MW: 426.46 MOLFM: C20-H28-N-O2-S .Br
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:390 mg/kg JAPMA8 45,578,56
* ivn-mus LD50:4300 ug/kg JAPMA8 45,578,56

TN4430000 PIPERIDINIUM, ARSINOTRIS-, TRICHLORIDE
UPDT:7901 CAS: 67360-94-5 MW: 436.78 MOLFM: C15-H33-As-N3 .3Cl
SYN: ARSINE-TRI-1-PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
ivn-rbt LDLo:200 mg/kg JPETAB 28,233,26
ims-rbt LDLo:500 mg/kg JPETAB 28,233,26
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

TN4433030 PIPERIDINIUM, 1-(3-BENZYL-2-BUTENYL)-1-(CARBOXYMETHYL)-, CHLORIDE, BUTYL ESTER
UPDT:8302 CAS: 49806-93-1 MW: 380.02 MOLFM: C22-H34-N-O2 .Cl
SYN: 1-(3-BENZYL-2-BUTENYL)-1-(BUTOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:21 mg/kg RPTOAN 40,69,77
ipr-mus LD50:21 mg/kg RPTOAN 40,69,77

TN4433060 PIPERIDINIUM, 1-(3-BENZYL-2-BUTENYL)-1-(CARBOXYMETHYL)-, CHLORIDE, CYCLOHEXYL ESTER
UPDT:8302 CAS: 49806-99-7 MW: 406.06 MOLFM: C24-H36-N-O2 .Cl
SYN: 1-(3-BENZYL-2-BUTENYL)-1-(CYCLOHEXYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:30 mg/kg RPTOAN 40,69,77
ipr-mus LD50:30 mg/kg RPTOAN 40,69,77

TN4433090 PIPERIDINIUM, 1-(3-BENZYL-2-BUTENYL)-1-(CARBOXYMETHYL)-, CHLORIDE, DECYL ESTER
UPDT:8302 CAS: 42528-19-8 MW: 464.20 MOLFM: C28-H46-N-O2 .Cl
SYN: 1-(3-BENZYL-2-BUTENYL)-1-(DECYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:22 mg/kg RPTOAN 40,69,77
ipr-mus LD50:22 mg/kg RPTOAN 40,69,77

TN4433120 PIPERIDINIUM, 1-(3-BENZYL-2-BUTENYL)-1-(CARBOXYMETHYL)-, CHLORIDE, DODECYL ESTER
UPDT:8302 CAS: 62988-43-6 MW: 492.26 MOLFM: C30-H50-N-O2 .Cl
SYN: 1-(3-BENZYL-2-BUTENYL)-1-(DODECYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:23 mg/kg RPTOAN 40,69,77
ipr-mus LD50:23 mg/kg RPTOAN 40,69,77

TN4433150 PIPERIDINIUM, 1-(3-BENZYL-2-BUTENYL)-1-(CARBOXYMETHYL)-, CHLORIDE, ETHYL ESTER
UPDT:8302 CAS: 49806-91-9 MW: 351.96 MOLFM: C20-H30-N-O2 .Cl
SYN: 1-(3-BENZYL-2-BUTENYL)-1-(ETHOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:28 mg/kg RPTOAN 40,69,77
ipr-mus LD50:28 mg/kg RPTOAN 40,69,77

TN4433180 PIPERIDINIUM, 1-(3-BENZYL-2-BUTENYL)-1-(CARBOXYMETHYL)-, CHLORIDE, HEPTYL ESTER
UPDT:8302 CAS: 42528-17-6 MW: 422.11 MOLFM: C25-H40-N-O2 .Cl
SYN: 1-(3-BENZYL-2-BUTENYL)-1-(HEPTYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:28 mg/kg RPTOAN 40,69,77
ipr-mus LD50:28 mg/kg RPTOAN 40,69,77

TN4433210 PIPERIDINIUM, 1-(3-BENZYL-2-BUTENYL)-1-(CARBOXYMETHYL)-, CHLORIDE, HEXYL ESTER
UPDT:8302 CAS: 49806-95-3 MW: 408.08 MOLFM: C24-H38-N-O2 .Cl
SYN: 1-(3-BENZYL-2-BUTENYL)-1-(HEXYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:40 mg/kg RPTOAN 40,69,77
ipr-mus LD50:40 mg/kg RPTOAN 40,69,77

TN4433270 PIPERIDINIUM, 1-(3-BENZYL-2-BUTENYL)-1-(CARBOXYMETHYL)-, CHLORIDE, METHYL ESTER
UPDT:8302 CAS: 49806-90-8 MW: 337.93 MOLFM: C19-H28-N-O2 .Cl
SYN: 1-(3-BENZYL-2-BUTENYL)-1-(METHOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:68 mg/kg RPTOAN 40,69,77
ipr-mus LD50:68 mg/kg RPTOAN 40,69,77

TN4433300 PIPERIDINIUM, 1-(3-BENZYL-2-BUTENYL)-1-(CARBOXYMETHYL)-, CHLROIDE, NONYL ESTER
UPDT:8302 CAS: 42528-18-7 MW: 450.17 MOLFM: C27-H44-N-O2 .Cl
SYN: 1-(3-BENZYL-2-BUTENYL)-1-(NONYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:15 mg/kg RPTOAN 40,69,77
ipr-mus LD50:15 mg/kg RPTOAN 40,69,77

TN4433330 PIPERIDINIUM, 1-(3-BENZYL-2-BUTENYL)-1-(CARBOXYMETHYL)-, CHLORIDE, OCTYL ESTER
UPDT:8302 CAS: 49806-97-5 MW: 436.14 MOLFM: C26-H42-N-O2 .Cl
SYN: 1-(3-BENZYL-2-BUTENYL)-1-(OCTYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:24 mg/kg RPTOAN 40,69,77
ipr-mus LD50:24 mg/kg RPTOAN 40,69,77

TN4433360 PIPERIDINIUM, 1-(3-BENZYL-2-BUTENYL)-1-(CARBOXYMETHYL)-, CHLORIDE, PENTYL ESTER
UPDT:8302 CAS: 49806-94-2 MW: 394.05 MOLFM: C23-H36-N-O2 .Cl
SYN: 1-(3-BENZYL-2-BUTENYL)-1-(PENTOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:68 mg/kg RPTOAN 40,69,77
ipr-mus LD50:68 mg/kg RPTOAN 40,69,77

TN4433390 PIPERIDINIUM, 1-(3-BENZYL-2-BUTENYL)-1-(CARBOXYMETHYL)-, CHLORIDE, PROPYL ESTER
UPDT:8302 CAS: 49806-92-0 MW: 365.99 MOLFM: C21-H32-N-O2 .Cl
SYN: 1-(3-BENZYL-2-BUTENYL)-1-(PROPOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:67 mg/kg RPTOAN 40,69,77
ipr-mus LD50:68 mg/kg RPTOAN 40,69,77

TN4435600 PIPERIDINIUM, 1,1'-(4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))BIS(1-ETHYL-, DIBROMIDE
UPDT:8405 MW: 622.56 MOLFM: C30-H42-N2-O2 .2Br
SYN: 1,1'-(4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))BIS(1-ETHYLPIPERIDINIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
3K01K12M10 ipr-mus LD50:100 ug/kg JAPMA8 43,79,54

TN4436000 PIPERIDINIUM, 1,1'-(p,p'-BIPHENYLYLENEBIS(3-METHYL-2-BUTENYLENE))BIS(1-CARBOXYMETHYL-, DICHLORIDE, DIBUTYL ESTER
UPDT:8302 CAS: 55618-69-4 MW: 758.02 MOLFM: C44-H66-N2-O4 .2Cl
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:20 mg/kg RPTOAN 40,69,77
ipr-mus LD50:20 mg/kg RPTOAN 40,69,77

TN4437000 PIPERIDINIUM, 1,1'-(p,p'-BIPHENYLYLENEBIS(3-METHYL-2-BUTENYLENE))BIS(1-CARBOXYMETHYL-, DICHLORIDE, DIDECYL ESTER
UPDT:8302 CAS: 55618-75-2 MW: 926.38 MOLFM: C56-H90-N2-O4 .2Cl
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:43 mg/kg RPTOAN 40,69,77
ipr-mus LD50:43 mg/kg RPTOAN 40,69,77

TN4438000 PIPERIDINIUM, 1,1'-(p,p'-BIPHENYLYLENEBIS(3-METHYL-2-BUTENYLENE))BIS(1-CARBOXYMETHYL-, DICHLORIDE, DIETHYL ESTER
UPDT:8302 CAS: 55618-67-2 MW: 701.90 MOLFM: C40-H58-N2-O4 .2Cl
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:6700 ug/kg RPTOAN 40,69,77
ipr-mus LD50:6700 ug/kg RPTOAN 40,69,77

TN4439000 PIPERIDINIUM, 1,1'-(p,p'-BIPHENYLYLENEBIS(3-METHYL-2-BUTENYLENE))BIS(1-CARBOXYMETHYL-, DICHLORIDE, DIHEPTYL ESTER
UPDT:8302 CAS: 55618-72-9 MW: 842.20 MOLFM: C50-H78-N2-O4 .2Cl
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:92 mg/kg RPTOAN 40,69,77
ipr-mus LD50:92 mg/kg RPTOAN 40,69,77

TN4440000 PIPERIDINIUM, 1,1'-(p,p'-BIPHENYLYLENEBIS(3-METHYL-2-BUTENYLENE))BIS(1-CARBOXYMETHYL-, DICHLORIDE, DIHEXYL ESTER
UPDT:8302 CAS: 55618-71-8 MW: 814.14 MOLFM: C48-H74-N2-O4 .2Cl
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:22 mg/kg RPTOAN 40,69,77
ipr-mus LD50:75 mg/kg RPTOAN 40,69,77

TN4442000 PIPERIDINIUM, 1,1'-(p,p'-BIPHENYLYLENEBIS(3-METHYL-2-BUTENYLENE))BIS(1-CARBOXYMETHYL-, DICHLORIDE, DINONYL ESTER
UPDT:8302 CAS: 55618-74-1 MW: 898.32 MOLFM: C54-H86-N2-O4 .2Cl
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:52 mg/kg RPTOAN 40,69,77
ipr-mus LD50:52 mg/kg RPTOAN 40,69,77

TN4443000 PIPERIDINIUM, 1,1'-(p,p'-BIPHENYLYLENEBIS(3-METHYL-2-BUTENYLENE))BIS(1-CARBOXYMETHYL-, DICHLORIDE, DIOCTYL ESTER
UPDT:8302 CAS: 55618-73-0 MW: 870.26 MOLFM: C52-H82-N2-O4 .2Cl
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:23 mg/kg RPTOAN 40,69,77
ipr-mus LD50:23 mg/kg RPTOAN 40,69,77

TN4444000 PIPERIDINIUM, 1,1'-(p,p'-BIPHENYLYLENEBIS(3-METHYL-2-BUTENYLENE))BIS(1-CARBOXYMETHYL-, DICHLORIDE, DIPENTYL ESTER
UPDT:8302 CAS: 55618-70-7 MW: 786.08 MOLFM: C46-H70-N2-O4 .2Cl
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:83 mg/kg RPTOAN 40,69,77
ipr-mus LD50:83 mg/kg RPTOAN 40,69,77

TN4445000 PIPERIDINIUM, 1,1'-(p,p'-BIPHENYLYLENEBIS(3-METHYL-2-BUTENYLENE))BIS(1-CARBOXYMETHYL-, DICHLORIDE, DIPROPYL ESTER
UPDT:8302 CAS: 55618-68-3 MW: 729.96 MOLFM: C42-H62-N2-O4 .2Cl
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:37 mg/kg RPTOAN 40,69,77
ipr-mus LD50:37 mg/kg RPTOAN 40,69,77

TN4570000 PIPERIDINIUM, 1,1-BIS(3-CHLORO-4-PHENYL-2-BUTENYL)-, CHLORIDE
UPDT:8302 CAS: 34624-22-1 MW: 450.91 MOLFM: C25-H30-Cl2-N .Cl
SYN: 1,1-BIS(3-CHLORO-4-PHENYL-2-BUTENYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:12 mg/kg RPTOAN 40,69,77
ipr-mus LD50:12 mg/kg RPTOAN 40,69,77

TN4580000 PIPERIDINIUM, 1,1-BIS(3-CHLORO-4-(p-TOLYL)-2-BUTENYL)-, CHLORIDE
UPDT:8302 CAS: 34552-18-6 MW: 478.97 MOLFM: C27-H34-Cl2-N .Cl
SYN: 1,1-BIS(3-CHLORO-4-(p-TOLYL)-2-BUTENYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:28 mg/kg RPTOAN 40,69,77
ipr-mus LD50:28 mg/kg RPTOAN 40,69,77

PIPERIDINIUM BROMIDE 3,3'-(TETRADECAMETHYLENEDIOXY)BIS-1,1-DIMETHYL- see: TN6195000

TN4621000 PIPERIDINIUM, 1-(4-(o-BROMOPHENYL)-2-BUTENYL)-1-(CARBOXYMETHYL)-, CHLORIDE, BUTYL ESTER
UPDT:8302 CAS: 52171-88-7 MW: 444.89 MOLFM: C21-H31-Br-N-O2 .Cl
SYN: 1-(4-(o-BROMOPHENYL)-2-BUTENYL)-1-(BUTOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:47 mg/kg RPTOAN 40,69,77
ipr-mus LD50:47 mg/kg RPTOAN 40,69,77

TN4623000 PIPERIDINIUM, 1-(4-(o-BROMOPHENYL)-2-BUTENYL)-1-(CARBOXYMETHYL)-, CHLORIDE, DECYL ESTER
UPDT:8302 CAS: 52171-86-5 MW: 529.07 MOLFM: C27-H43-Br-N-O2 .Cl
SYN: 1-(4-(o-BROMOPHENYL)-2-BUTENYL)-1-(DECYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:42 mg/kg RPTOAN 40,69,77
ipr-mus LD50:42 mg/kg RPTOAN 40,69,77

TN4625000 PIPERIDINIUM, 1-(4-(o-BROMOPHENYL)-2-BUTENYL)-1-(CARBOXYMETHYL)-, CHLORIDE, METHYL ESTER
UPDT:8302 CAS: 52171-87-6 MW: 402.80 MOLFM: C18-H25-Br-N-O2 .Cl
SYN: 1-(4-(o-BROMOPHENYL)-2-BUTENYL)-1-(METHOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:133 mg/kg RPTOAN 40,69,77
ipr-mus LD50:133 mg/kg RPTOAN 40,69,77

TN4627000 PIPERIDINIUM, 1-(4-(o-BROMOPHENYL)-2-BUTENYL)-1-(3-METHYL-4-PHENYL-2-BUTENYL)-, CHLORIDE
UPDT:8302 CAS: 34552-19-7 MW: 474.96 MOLFM: C26-H33-Br-N .Cl
SYN: 1-(4-(o-BROMOPHENYL)-2-BUTENYL)-1-(3-METHYL-4-PHENYL-2-BUTENYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:50 mg/kg RPTOAN 40,69,77
ipr-mus LD50:50 mg/kg RPTOAN 40,69,77

TN4694000 PIPERIDINIUM, 1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-ETHYL-, BROMIDE
UPDT:8305 MW: 431.47 MOLFM: C23-H31-N2-O .Br
SYN: 1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-ETHYLPIPERIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:16480 ug/kg AIPTAK 103,100,55

TN4694100 PIPERIDINIUM, 1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-ISOPROPYL-, BROMIDE
UPDT:8305 MW: 445.50 MOLFM: C24-H33-N2-O .Br
SYN: 1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-ISOPROPYLPIPERIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:41 mg/kg AIPTAK 103,100,55

TN4694200 PIPERIDINIUM, 1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-METHYL-, IODIDE
UPDT:8305 MW: 464.43 MOLFM: C22-H29-N2-O .I
SYN: 1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-METHYLPIPERIDINIUM IODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18204 ug/kg AIPTAK 103,100,55

TN4695000 PIPERIDINIUM, 2-(2-(9-CARBAZOLYL)ETHYL)-1,1-DIMETHYL-5-ETHYL-, IODIDE
UPDT:8405 MW: 462.46 MOLFM: C23-H31-N2 .I
SYN: CARBAZOLE, 9-(2-(5-ETHYL-1-METHYL-2-PIPERIDYL)ETHYL)-, METHIODIDE * 9-(2-(5-ETHYL-1-METHYL-2-PIPERIDINYL)ETHYL)CARBAZOLE METHIODIDE
TOXICITY DATA AND REFERENCES:
2F17Y55 scu-mus LDLo:70 mg/kg JAPMA8 46,333,57

TN4696000 PIPERIDINIUM, 2-(2-(9-CARBAZOLYL)ETHYL)-1,1-DIMETHYL-, IODIDE
UPDT:8405 MW: 434.40 MOLFM: C21-H27-N2 .I
SYN: CARBAZOLE, 9-(2-(1-METHYL-2-PIPERIDYL)ETHYL)-, METHIODIDE * 9-(2-(1-METHYL-2-PIPERIDINYL)ETHYL)CARBAZOLE METHIODIDE
TOXICITY DATA AND REFERENCES:
2F17Y55 scu-mus LDLo:50 mg/kg JAPMA8 46,333,57

TN4698000 PIPERIDINIUM, 1,1'-(CARBONYLBIS((2,3-DIHYDRO-5,2-BENZOFURANDIYL)METHYLENE))BIS(1-METHYL-, DIIODIDE
UPDT:8308 CAS: 10380-77-5 MW: 744.55 MOLFM: C31-H42-N2-O3 .2I
SYN: CT 3318 * DIIODOMETHYLATE de la BIS(PIPERIDINOMETHYL-COUMARANYL-5)CETONE (French) * DIIODOMETILATO del BISPIPERIDINOMETILCUMARANIL-5-CHETONE (Italian)
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:1500 ug/kg AIPTAK 120,53,59
1F12 scu-mus LD50:1100 ug/kg AIPTAK 106,395,56
3C08F07F13 ivn-dog LDLo:400 ug/kg AIPTAK 106,395,56
3F08F12F13 scu-cat LDLo:700 ug/kg AIPTAK 106,395,56
2C08F17 ivn-rbt LDLo:250 ug/kg AIPTAK 106,395,56
2C18F17 scu-gpg LDLo:400 ug/kg AIPTAK 106,395,56
* ivn-ckn LD50:1 mg/kg AIPTAK 120,53,59

TN4699000 PIPERIDINIUM, 4-CARBOXY-1,1-DIMETHYL-, CHLORIDE, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8403 MW: 329.36 MOLFM: C14-H29-N2-O2 .Cl .Cl-H
SYN: 4-CARBOXY-1,1-DIMETHYL-PIPERIDINIUM CHLORIDE 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * DIETILAMINOETILESTERE DELL'ACIDO N-METIL-ISONIPECOTICO CLOROMETILATO (Italian) * SCH 2161
TOXICITY DATA AND REFERENCES:
1E06 ipr-mus LD50:40 mg/kg BCFAAI 100,482,61

TN4700000 PIPERIDINIUM, 3-CARBOXY-1,1-DIMETHYL-4-HYDROXY-, IODIDE, METHYL ESTER
UPDT:8403 MW: 315.18 MOLFM: C9-H18-N-O3 .I
SYN: 3-CARBOXY-1,1-DIMETHYL-4-HYDROXYPIPERIDINIUM IODIDE METHYL ESTER * N-METHYL-3-CARBOMETHOXY-4-HYDROXYPIPERIDINE METHIODIDE
TOXICITY DATA AND REFERENCES:
3E08F12K01 ipr-mus LD50:570 mg/kg PCJOAU 17,127,83

TN4700250 PIPERIDINIUM, 1-(2-CARBOXYETHYL)-1-METHYL-, IODIDE, ESTER with CHOLINE IODIDE
UPDT:8305 MW: 512.26 MOLFM: C14-H30-N2-O2 .2I
SYN: 1-(2-CARBOXYETHYL)-1-METHYLPIPERIDINIUM IODIDE ESTER with CHOLINE IODIDE
TOXICITY DATA AND REFERENCES:
2E08H02 ivn-mus LDLo:125 mg/kg AIPTAK 118,210,59

TN4700350 PIPERIDINIUM, 1-(2-CARBOXYETHYL)-1-METHYL-, IODIDE, ESTER with 1-(2-HYDROXYETHYL)-1-METHYL PIPERIDINIUM IODIDE
UPDT:8305 MW: 552.33 MOLFM: C17-H34-N2-O2 .2I
TOXICITY DATA AND REFERENCES:
1H02 ivn-mus LDLo:50 mg/kg AIPTAK 118,210,59

TN4700450 PIPERIDINIUM, 1-(2-CARBOXYETHYL)-1-METHYL-, IODIDE, ESTER with 1-(2-HYDROXYPROPYL)-1-METHYL PIPERIDINIUM IODIDE
UPDT:8305 MW: 566.36 MOLFM: C18-H36-N2-O2 .2I
TOXICITY DATA AND REFERENCES:
1H02 ivn-mus LDLo:25 mg/kg AIPTAK 118,210,59

TN4700600 PIPERIDINIUM, 1-(4-CARBOXY-3-HYDROXYCARBANILINOETHYL)-4-METHYL-, IODIDE, ETHYL ESTER
UPDT:8305 MW: 462.37 MOLFM: C18-H27-N2-O4 .I
SYN: ETHYL 4-(3-PIPERIDINOPROPIONYLAMINO)SALICYLATE, METHIODIDE * SALICYLIC ACID, 4-(3-PIPERIDINOPROPIONAMIDO)-, ETHYL ESTER, METHIODIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:9 mg/kg JMCMAR 10,235,67

TN4700630 PIPERIDINIUM, 1-alpha-CARBOXYBENZYL-1-METHYL-, IODIDE, ESTER with DIETHYL(2- (2-HYDROXYETHOXY)ETHYL)METHYLAMMONIUM IODIDE
UPDT:8307 CAS: 3562-55-8 MW: 646.45 MOLFM: C23-H40-N2-O3 .2I
SYN: BREVICURARINE * L.D. 2480 * PIPROCURARIUM IODIDE
TOXICITY DATA AND REFERENCES:
2C08J30 ivn-mus LD50:3600 ug/kg AIPTAK 125,121,60

TN4700700 PIPERIDINIUM, 1-(2-(4-CARBOXY-3-HYDROXYCARBANILINO)ETHYL)-1-METHYL-,IODIDE, METHYL ESTER
UPDT:8305 CAS: 73790-27-9 MW: 448.34 MOLFM: C17-H25-N2-O4 .I
SYN: METHYL 4-(3-PIPERIDINOPROPIONYLAMINO)SALICYLATE, METHIODIDE * SALICYLIC ACID, 4-(3-PIPERIDINOPROPIONAMIDO)-, METHYL ESTER, METHIODIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:54 mg/kg JMCMAR 10,235,67
ivn-mus LD50:18 mg/kg JMCMAR 10,235,67

TN4700730 PIPERIDINIUM, 1-alpha-CARBOXYBENZYL-1-METHYL-, IODIDE, ESTER with (2-(2-HYDROXYETHOXY) ETHYL)-1-METHYL PIPERIDINIUM IODIDE
UPDT:8307 MW: 658.46 MOLFM: C24-H40-N2-O3 .2I
TOXICITY DATA AND REFERENCES:
2C08J30 ivn-mus LD50:3900 ug/kg AIPTAK 125,121,60

TN4701000 PIPERIDINIUM, 1-(CARBOXYMETHYL)-1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-, CHLORIDE, BUTYL ESTER
UPDT:8302 CAS: 63148-30-1 MW: 414.46 MOLFM: C22-H33-Cl-N-O2 .Cl
SYN: 1-(BUTOXYCARBONYLMETHYL)-1-(3-(o-CHLOROBENZYL)-2-BUTENYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:17 mg/kg RPTOAN 40,69,77
ipr-mus LD50:17 mg/kg RPTOAN 40,69,77

TN4702000 PIPERIDINIUM, 1-(CARBOXYMETHYL)-1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-, CHLORIDE, DECYL ESTER
UPDT:8302 CAS: 42528-20-1 MW: 498.64 MOLFM: C28-H45-Cl-N-O2 .Cl
SYN: 1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(DECYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE * PIPERIDINIUM, 1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(DECYLOXYCARBONYLMETHYL)-, CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:18 mg/kg RPTOAN 40,69,77
ipr-mus LD50:18 mg/kg RPTOAN 40,69,77

TN4703000 PIPERIDINIUM, 1-(CARBOXYMETHYL)-1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-, CHLORIDE, ETHYL ESTER
UPDT:8302 CAS: 62988-46-9 MW: 386.40 MOLFM: C20-H29-Cl-N-O2 .Cl
SYN: 1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(ETHOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:63 mg/kg RPTOAN 40,69,77
ipr-mus LD50:63 mg/kg RPTOAN 40,69,77

TN4704000 PIPERIDINIUM, 1-(CARBOXYMETHYL)-1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-, CHLORIDE, HEPTYL ESTER
UPDT:8302 CAS: 62988-50-5 MW: 456.55 MOLFM: C25-H39-Cl-N-O2 .Cl
SYN: 1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(HEPTYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE * PIPERIDINIUM, 1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(HEPTYLOXYCARBONYLMETHYL)-, CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:23 mg/kg RPTOAN 40,69,77
ipr-mus LD50:23 mg/kg RPTOAN 40,69,77

TN4705000 PIPERIDINIUM, 1-(CARBOXYMETHYL)-1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-, CHLORIDE, HEXYL ESTER
UPDT:8302 CAS: 62988-49-2 MW: 442.52 MOLFM: C24-H37-Cl-N-O2 .Cl
SYN: 1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(HEXYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE * PIPERIDINIUM, 1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(HEXYLOXYCARBONYLMETHYL)-, CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:32 mg/kg RPTOAN 40,69,77
ipr-mus LD50:32 mg/kg RPTOAN 40,69,77

TN4706000 PIPERIDINIUM, 1-(CARBOXYMETHYL)-1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-, CHLORIDE, METHYL ESTER
UPDT:8302 CAS: 62988-45-8 MW: 372.37 MOLFM: C19-H27-Cl-N-O2 .Cl
SYN: 1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(METHOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:28 mg/kg RPTOAN 40,69,77
ipr-mus LD50:28 mg/kg RPTOAN 40,69,77

TN4708000 PIPERIDINIUM, 1-(CARBOXYMETHYL)-1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-, CHLORIDE, NONYL ESTER
UPDT:8302 CAS: 62988-52-7 MW: 484.61 MOLFM: C27-H43-Cl-N-O2 .Cl
SYN: 1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(NONYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:40 mg/kg RPTOAN 40,69,77
ipr-mus LD50:40 mg/kg RPTOAN 40,69,77

TN4710000 PIPERIDINIUM, 1-(CARBOXYMETHYL)-1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-, CHLORIDE, OCTYL ESTER
UPDT:8302 CAS: 62988-51-6 MW: 470.58 MOLFM: C26-H41-Cl-N-O2 .Cl
SYN: 1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(OCTYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:37 mg/kg RPTOAN 40,69,77
ipr-mus LD50:37 mg/kg RPTOAN 40,69,77

TN4712000 PIPERIDINIUM, 1-(CARBOXYMETHYL)-1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-, CHLORIDE, PENTYL ESTER
UPDT:8302 CAS: 62988-48-1 MW: 428.49 MOLFM: C23-H35-Cl-N-O2 .Cl
SYN: 1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(PENTOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:32 mg/kg RPTOAN 40,69,77
ipr-mus LD50:32 mg/kg RPTOAN 40,69,77

TN4714000 PIPERIDINIUM, 1-(CARBOXYMETHYL)-1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-, CHLORIDE, PROPYL ESTER
UPDT:8302 CAS: 62988-47-0 MW: 400.43 MOLFM: C21-H31-Cl-N-O2 .Cl
SYN: 1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(PROPOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:51 mg/kg RPTOAN 40,69,77
ipr-mus LD50:51 mg/kg RPTOAN 40,69,77

TN4715000 PIPERIDINIUM, 1-(CARBOXYMETHYL)-1-(3-CHLORO-4-(p-METHOXYPHENYL)-2-BUTENYL)-, CHLORIDE, DECYL ESTER
UPDT:8302 CAS: 56080-89-8 MW: 514.64 MOLFM: C28-H45-Cl-N-O3 .Cl
SYN: 1-(DECYLOXYCARBONYLMETHYL)-1-(3-CHLORO-4-(p-METHOXYPHENYL)-2-BUTENYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:28 mg/kg RPTOAN 40,69,77
ipr-mus LD50:28 mg/kg RPTOAN 40,69,77

TN4718000 PIPERIDINIUM, 1-(CARBOXYMETHYL)-1-(4-(o-CHLOROPHENYL)-2-BUTENYL)-, CHLORIDE, OCTYL ESTER
UPDT:8302 CAS: 52171-89-8 MW: 456.55 MOLFM: C25-H39-Cl-N-O2 .Cl
SYN: 1-(4-(o-CHLOROPHENYL)-2-BUTENYL)-1-(OCTYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:25 mg/kg RPTOAN 40,69,77
ipr-mus LD50:25 mg/kg RPTOAN 40,69,77

TN4719000 PIPERIDINIUM, 1-(CARBOXYMETHYL)-1-(3-CHLORO-4-(2,4-XYLYL)-2-BUTENYL)-, CHLORIDE, DECYL ESTER
UPDT:8302 CAS: 56145-46-1 MW: 512.67 MOLFM: C29-H47-Cl-N-O2 .Cl
SYN: 1-(3-CHLORO-4-(2,4-XYLYL)-2-BUTENYL)-1-(DECYLOXYCARBONYLMETHYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:38 mg/kg RPTOAN 40,69,77
ipr-mus LD50:38 mg/kg RPTOAN 40,69,77

TN4719500 PIPERIDINIUM, 1-(CARBOXYMETHYL)-1-(3-(2,4-DIMETHYLBENZYL)-2-BUTENYL)-, CHLORIDE, DECYL ESTER
UPDT:8302 CAS: 62988-55-0 MW: 492.26 MOLFM: C30-H50-N-O2 .Cl
SYN: 1-(DECYLOXYCARBONYLMETHYL)-1-(3-(2,4-DIMETHYLBENZYL)-2-BUTENYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:83 mg/kg RPTOAN 40,69,77
ipr-mus LD50:83 mg/kg RPTOAN 40,69,77

TN4720000 PIPERIDINIUM, 1-(CARBOXYMETHYL)-1-(3-(p-METHOXYBENZYL)-2-BUTENYL)-, CHLORIDE, DODECYL ESTER
UPDT:8302 CAS: 62988-57-2 MW: 522.29 MOLFM: C31-H52-N-O3 .Cl
SYN. 1-(DODECYLOXYCARBONYLMETHYL)-1-(3-(p-METHOXYBENZYL)-2-BUTENYL)PIPERIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:60 mg/kg RPTOAN 40,69,77
ipr-mus LD50:60 mg/kg RPTOAN 40,69,77

TN4720500 PIPERIDINIUM, 1-(CARBOXYMETHYL)-1-(3-(p-METHYLBENZYL)-2-BUTENYL)-, CHLORIDE, DECYL ESTER
UPDT:8302 CAS: 57757-52-5 MW: 478.23 MOLFM: C29-H48-N-O2 .Cl

SYN: 1-(DECYLOXYCARBONYLMETHYL)-1-(3-(p-METHYLBENZYL)-2-BUTENYL)PIPERIDINIUM CHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:42 mg/kg	RPTOAN 40,69,77
	ipr-mus LD50:42 mg/kg	RPTOAN 40,69,77

TN4721000 PIPERIDINIUM, 1-(CARBOXYMETHYL)-1-(3-(p-METHYLBENZYL)-2-BUTENYL)-, CHLORIDE, ETHYL ESTER

UPDT:8302 CAS: 52171-91-2 MW: 365.99 MOLFM: C21-H32-N-O2 .Cl

SYN: 1-(ETHOXYCARBONYLMETHYL)-1-(3-(p-METHYLBENZYL)-2-BUTENYL)PIPERIDINIUM CHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:15 mg/kg	RPTOAN 40,69,77
	ipr-mus LD50:15 mg/kg	RPTOAN 40,69,77

TN4721500 PIPERIDINIUM, 1-(CARBOXYMETHYL)-1-(3-(p-METHYLBENZYL)-2-BUTENYL)-, CHLORIDE, METHYL ESTER

UPDT:8302 CAS: 52171-90-1 MW: 351.96 MOLFM: C20-H30-N-O2 .Cl

SYN: 1-(METHOXYCARBONYLMETHYL)-1-(3-(p-METHYLBENZyl0-2-BUTENYL)PIPERIDINIUM CHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:71 mg/kg	RPTOAN 40,69,77
	ipr-mus LD50:71 mg/kg	RPTOAN 40,69,77

PIPERIDINIUM, 1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(DECYLOXYCARBONYLMETHYL)-, CHLORIDE
see: TN4702000

PIPERIDINIUM, 1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(HEPTYLOXYCARBONYLMETHYL)-, CHLORIDE
see: TN4704000

PIPERIDINIUM, 1-(3-(o-CHLOROBENZYL)-2-BUTENYL)-1-(HEXYLOXYCARBONYLMETHYL)-, CHLORIDE
see: TN4705000

TN4721900 PIPERIDINIUM, 1-(2-((8-CHLORO-2-METHYL-4-QUINOLINYL)OXY)ETHYL)-1-METHYL-, IODIDE

UPDT:8408 CAS: 56898-26-1 MW: 446.79 MOLFM: C18-H24-Cl-N2-O .I

SYN: 1-(2-((8-CHLORO-2-METHYL-4-QUINOLINYL)OXY)ETHYL)-1-METHYLPIPERIDINIUM IODIDE * Q(sub 1) * 4-QUINOLINEOXYETHYLMETHYLPIPERIDINIUM METHIODIDE

TOXICITY DATA AND REFERENCES:

2J24J30	ipr-rat LD50:59500 ug/kg	IJMRAQ 63,842,75

TN4721990 PIPERIDINIUM, 1-(3-CHLORO-4-PHENYL-2-BUTENYL)-1-(CARBOXYMETHYL)-, CHLORIDE, DECYL ESTER

UPDT:8303 MW: 470.60 MOLFM: C27-H43-Cl-O2 .Cl

SYN: 1-(3-CHLORO-4-PHENYL-2-BUTENYL)-1-(CARBOXYMETHYL)PIPERIDINIUM CHLORIDE DECYL ESTER

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:23 mg/kg	RPTOAN 40,69,77
*	ipr-mus LD50:23 mg/kg	RPTOAN 40,69,77

TN4722000 PIPERIDINIUM, 1-(4-(o-CHLOROPHENYL)-2-BUTENYL)-1-(3-METHYL-4-PHENYL-2-BUTENYL)-, CHLORIDE

UPDT:8302 CAS: 34624-21-0 MW: 430.50 MOLFM: C26-H33-Cl-N .Cl

SYN: 1-(4-(o-CHLOROPHENYL)-2-BUTENYL)-1-(3-METHYL-4-PHENYL-2-BUTENYL)PIPERIDINIUM CHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:48 mg/kg	RPTOAN 40,69,77
	ipr-mus LD50:48 mg/kg	RPTOAN 40,69,77

TN4723000 PIPERIDINIUM, 1-(3-CHLORO-4-PHENYL-2-BUTENYL)-1-(4-PHENYL-2-BUTENYL)-, CHLORIDE

UPDT:8302 CAS: 34552-25-5 MW: 416.47 MOLFM: C25-H31-Cl-N .Cl

SYN: 1-(3-CHLORO-4-PHENYL-2-BUTENYL)-1-(4-PHENYL-2-BUTENYL)PIPERIDINIUM CHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:28 mg/kg	RPTOAN 40,69,77
	ipr-mus LD50:28 mg/kg	RPTOAN 40,69,77

TN4724000 PIPERIDINIUM, 1-(3-CHLORO-4-(p-TOLYL)-2-BUTENYL)-1-(4-(p-TOLYL-2-BUTENYL)-, CHLORIDE

UPDT:8302 CAS: 34624-20-9 MW: 444.53 MOLFM: C27-H35-Cl-N .Cl

SYN: 1-(3-CHLORO-4-(p-TOLYL)-2-BUTENYL)-1-(4-(p-TOLYL-2-BUTENYL)PIPERIDINIUM CHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:50 mg/kg	RPTOAN 40,69,77
	ipr-mus LD50:50 mg/kg	RPTOAN 40,69,77

TN4724080 PIPERIDINIUM, 1-(2-CYANOETHYL)-1-PHENACYL-, BROMIDE

UPDT:8303 MW: 337.30 MOLFM: C16-H21-N2-O .Br

SYN: 1-(2-CYANOETHYL)-1-PHENACYLPIPERIDINIUM BROMIDE * N-PHENACYL-(beta-CYANOETHYL)-PIPERIDINIUM BROMIDE

TOXICITY DATA AND REFERENCES:

1F12	ipr-mus LD50:44 mg/kg	AIPTAK 105,285,56

TN4724500 PIPERIDINIUM, 1-(3-CYCLOHEXYL-3-HYDROXY-3-PHENYLPROPYL)-1-METHYL-, IODIDE

UPDT:8305 MW: 443.46 MOLFM: C21-H34-N-O .I

SYN: BENZYL ALCOHOL, alpha-CYCLOHEXYL-alpha-(2-(PIPERIDINO)ETHYL)-, METHYLIODIDE * 1-(3-CYCLOHEXYL-3-HYDROXY-3-PHENYLPROPYL)-1-METHYLPIPERIDINIUM IODIDE * PROPANOL, 1-CYCLOHEXYL-1-PHENYL-3-PIPERIDINO-, METHYLIODIDE * WIN 1593

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:2520 mg/kg	JPETAB 110,282,54
	ivn-mus LD50:12 mg/kg	JPETAB 110,282,54

TN4750000 PIPERIDINIUM, 1-((2-CYCLOHEXYL-2-PHENYL-1,3-DIOXOLAN-4-YL)METHYL)-1-METHYL-, IODIDE

UPDT:8403 CAS: 6577-41-9 MW: 471.47 MOLFM: C22-H34-N-O2 .I

SYN: ANC 113 * CICLONIUM IODIDE * 2-CYCLOHEXYL-2-PHENYL-4-PIPERIDINOMETHYL-DIOXOLANE-1,3 METHIODIDE * CYCLONIUM IODIDE * ESPERAN * N-METHYL-N-(2-CYCLOHEXYL-2-PHENYL-1,3-DIOXOLAN-4-YL-METHYL)-PIPERIDINIUM IODIDE * OXAPIUM IODIDE * SH 100

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T81	orl-mus TDLo:600 mg/kg (7-14D preg)	OYYAA2 4,109,70

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:494 mg/kg	OYYAA2 4,109,70
*	scu-rat LD50:244 mg/kg	NIIRDN 6,864,82
*	ivn-rat LD50:13900 ug/kg	NIIRDN 6,864,82
*	orl-mus LD50:512 mg/kg	MEIEDD 10,393,83
1E16	ipr-mus LD50:16 mg/kg	PJPPAA 30,493,78
*	scu-mus LD50:87900 ug/kg	MEIEDD 10,393,83
*	ivn-mus LD50:6970 ug/kg	MEIEDD 10,393,83
*	ivn-dog LD50:31 mg/kg	NIIRDN 6,864,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TN4860000 PIPERIDINIUM, 3,3'-(DECAMETHYLENEDIOXY)BIS(1,1-DIMETHYL-, DIBROMIDE

UPDT:8406 MW: 558.58 MOLFM: C24-H50-N2-O2 .2Br

SYN: 3,3'-(DECAMETHYLENEDIOXY)BIS(1,1-DIMETHYLPIPERIDINIUM BROMIDE) * JB 373

TOXICITY DATA AND REFERENCES:

1F05	ivn-rbt LD50:360 ug/kg	JAPMA8 47,438,58

TN4875000 PIPERIDINIUM, 1-(3-alpha,17-beta-DIACETOXY-2-beta-PIPERIDINO-5-alpha-ANDROSTAN-16-beta-YL)- 1-METHYL-, BROMIDE

UPDT:8403 CAS: 50700-72-6 MW: 637.84 MOLFM: C34-H57-N2-O4 .Br

SYN: 5alpha-ANDROSTAN-3alpha,17beta-DIOL, 16beta-PIPECOLINIO-2beta-PIPERIDINO-,BROMIDE,DIACETATE * ORG NC 45 * VECURONIUM BROMIDE

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:61 ug/kg	JMCMAR 16,1116,73

TN4912000 PIPERIDINIUM, 1,1'-((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(1-METHYL-, DIIODIDE

UPDT:8305 MW: 772.66 MOLFM: C34-H50-N2-O2 .2I

SYN: 1,1'-((DIETHYLIDENEETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(1-METHYLPIPERIDINIUM IODIDE) * 704 HC

TOXICITY DATA AND REFERENCES:

2G30J30	ivn-mus LD50:55 ug/kg	AIPTAK 96,462,54

TN4930000 PIPERIDINIUM, 1,1'-(2-beta,16-beta-(3-alpha,17-beta-DIHYDROXY-5-alpha-ANDROSTANYLENE)) BIS(1-METHYL-, DIBROMIDE, DIACETATE

UPDT:8406 CAS: 15500-66-0 MW: 732.79 MOLFM: C35-H60-N2-O4 .2Br

SYN: 5alpha-ANDROSTAN-3alpha,17beta-DIOL, 2beta,16beta-DIPIPECOLINIO-, DIBROMIDE, DIACETATE * 1,1'-(3,17-BIS(ACETYLOXY)ANDROSTANE-2,16-DIYL)BIS(1-METHYLPIPERIDINIUM) DIBROMIDE * 3-alpha,17-beta-DIACETOXY-2-beta,16-beta-DIPIPERIDINO-5-alpha-ANDROSTANE DIMETHOBROMIDE * MIOBLOCK * NA 97 * ORG NA 97 * PANCURONIUM BROMIDE * PAVULON

TOXICITY DATA AND REFERENCES:

2J16P01	ivn-man LDLo:143 ug/kg	JATOD3 4,275,80
*	ivn-rat LD50:153 ug/kg	NIIRDN 6,353,82
2C08J30	ipr-mus LD50:128 ug/kg	OYYAA2 5,715,71
*	scu-mus LD50:167 ug/kg	NIIRDN 6,353,82
2C08J30	ivn-mus LD50:13 ug/kg	OYYAA2 5,715,71
*	ivn-rbt LD50:16 ug/kg	NIIRDN 6,353,82
3C06C08J30	ivn-ckn LD50:63 ug/kg	OYYAA2 5,715,71

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TN4939050 PIPERIDINIUM, 1,1'-(3-alpha,17-beta-DIHYDROXY-5-alpha-ANDROST-2-beta,16-beta-YLENE)BIS(1- METHYL-, DIBROMIDE, DIACETATE, HYDRATE

UPDT:8302 MW: 750.81 MOLFM: C35-H60-N2-O4 .2Br .H2-O

SYN: PANCURONIUM BROMIDE HYDRATE * PANCURONIUM DIBROMIDE HYDRATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	ivn-rbt TDLo:36 ug/kg (8-16D preg)	SKKNAJ 22,187,70

TOXICITY DATA AND REFERENCES:

3F01F05J25	orl-rat LD50:202 mg/kg	SKKNAJ 22,187,70
3F05J25R21	ipr-rat LD50:479 ug/kg	SKKNAJ 22,187,70
3F01F05J25	scu-rat LD50:436 ug/kg	SKKNAJ 22,187,70
3F05J25R21	ivn-rat LD50:129 ug/kg	SKKNAJ 22,187,70
3F01F05J25	orl-mus LD50:21200 ug/kg	SKKNAJ 22,187,70
3F05J25R21	ipr-mus LD50:154 ug/kg	SKKNAJ 22,187,70
3F01F05J25	scu-mus LD50:168 ug/kg	SKKNAJ 22,187,70
3F05J25R21	ivn-mus LD50:36 ug/kg	SKKNAJ 22,187,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TN4939200 PIPERIDINIUM, 1,1-DIMETHYL-, CHLORIDE

UPDT:8403 CAS: 24307-26-4 MW: 149.69 MOLFM: C7-H16-N .Cl

SYN: BAS-083 * BAS-08300W * BAS 08301W * BAS 08305 W * BAS 08306 W * BAS 08307 W * BAS85559X * 1,1-DIMETHYLPIPERIDINIUM CHLORIDE * N,N-DIMETHYL-PIPERIDINIUM CHLORIDE * MEPIQUAT CHLORIDE * PIX

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1420 mg/kg	FMCHA2 -,C189,83
*	skn-rat LD50:5000 mg/kg	FMCHA2 -,C189,83

TN4945000 PIPERIDINIUM, 1,1-DIMETHYL-4-(DIPHENYLMETHOXY)-, BROMIDE

UPDT:8309 MW: 376.38 MOLFM: C20-H26-N-O .Br

SYN: 4-(DIPHENYLMETHYLOXY)-1-METHYLPIPERIDINE METHYLBROMIDE QUATERNARY SALT * N-METHYLPIPERIDYL-(4)-BENZHYDRYLAETHER METHYLBROMID QUATERNISTERT(German) * P 260

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:6 mg/kg	ARZNAD 5,185,55

TN4950000 PIPERIDINIUM, 1,1-DIMETHYL-3-(DIPHENYLMETHOXYMETHYL)-, BROMIDE

UPDT:8309 MW: 390.41 MOLFM: C21-H28-N-O .Br

SYN: 3-(DIPHENYLMETHOXYMETHYL)-1,1-DIMETHYL-PIPERIDINIUM BROMIDE * P 279

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:6 mg/kg	ARZNAD 5,185,55

TN4955000 PIPERIDINIUM, 1,1-DIMETHYL-3-(DI-2-THIENYLMETHYLENE)-, BROMIDE

UPDT:8309 MW: 370.40 MOLFM: C16-H20-N-S2 .Br

SYN: 1,1-DIMETHYL-3-(DI-2-THIENYLMETHYLENE)PIPERIDINIUM BROMIDE * N-METHYL-3-PIPERIDYLIDENEDITHIENYLMETHANE METHOBROMIDE

TOXICITY DATA AND REFERENCES:

3D16K01K30	ipr-mus LD50:88 mg/kg	JMCMAR 15,914,72

TN4960000 PIPERIDINIUM, 1,1-DIMETHYL-3-(DI-2-THIENYLMETHYLENE)-5-HYDROXY-, BROMIDE

UPDT:8309 CAS: 38795-19-6 MW: 386.40 MOLFM: C16-H20-N-O-S2 .Br

SYN: 1,1-DIMETHYL-3-(DI-2-THIENYLMETHYLENE)-5-HYDROXY-PIPERIDINIUM BROMIDE

TOXICITY DATA AND REFERENCES:

3D16K01K30	ipr-mus LD50:65 mg/kg	JMCMAR 15,914,72

TN4963000 PIPERIDINIUM, 1,1-DIMETHYL-5-ETHYL-2-(2-(10-PHENOTHIAZINYL)-, IODIDE

UPDT:8405 MW: 494.52 MOLFM: C23-H31-N2-S .I

SYN: 10-(2-(5-ETHYL-1-METHYL-2-PIPERIDINYL)ETHYL)PHENOTHIAZINE METHIODIDE * PHENOTHIAZINE, 10-(2-(5-ETHYL-1-METHYL-2-PIPERIDYL)ETHYL)-, METHIODIDE

TOXICITY DATA AND REFERENCES:

2F17Y55	scu-mus LDLo:50 mg/kg	JAPMA8 46,333,57

TN4968000 PIPERIDINIUM, 1,1-DIMETHYL-4-HYDROXY-, BROMIDE, alpha-2-CYCLOPENTEN-1-YL-2-THIOPHENEACETATE

UPDT:8405 MW: 400.42 MOLFM: C18-H26-N-O2-S .Br

SYN: 1,1-DIMETHYL-4-HYDROXY-PIPERIDINIUM BROMIDE alpha-2-CYCLOPENTEN-1-YL-2-THIOPHENEACETATE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:596 mg/kg	JAPMA8 45,578,56
*	ivn-mus LD50:6100 ug/kg	JAPMA8 45,578,56

TN4970000 PIPERIDINIUM, 1,1-DIMETHYL-3-HYDROXY-, BROMIDE, DIMETHYLCARBAMATE (ester)

UPDT:8309 CAS: 67360-96-7 MW: 281.24 MOLFM: C10-H21-N2-O2 .Br

SYN: 1,1-DIMETHYL-3-HYDROXYPIPERIDINIUM BROMIDE DIMETHYLCARBAMATE (ester) * RO 1-5518

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:3 mg/kg	MECHAN 3,330,56

TN4971000 PIPERIDINIUM, 1,1-DIMETHYL-4-HYDROXY-, BROMIDE, 3-METHYL-2-PHENYLVALERATE

UPDT:8309 MW: 384.41 MOLFM: C19-H30-N-O2 .Br

SYN: C 4292 * PIPERIDINIUM, 4-((3-METHYL-2-PHENYLVALERYL)OXY)-1,1-DIMETHYL-, BROMIDE (9CI)

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:3200 ug/kg	ARZNAD 13,66,63

TN4972000 PIPERIDINIUM, 1,1-DIMETHYL-4-HYDROXY-, BROMIDE, 3,4,5-TRIMETHOXYBENZOATE

UPDT:8309 CAS: 73771-89-8 MW: 404.35 MOLFM: C17-H26-N-O5 .Br

SYN: PIPERIDINIUM, 1,1-DIMETHYL-4-(3,4,5-TRIMETHOXYBENZOYLOXY)-, BROMIDE

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:10 mg/kg	JMCMAR 7,319,64

TN4972500 PIPERIDINIUM, 1,1-DIMETHYL-4-HYDROXY-, CHLORIDE, alpha-2-CYCLOHEXEN-1-YL-2-THIOPHENEACETATE

UPDT:8405 MW: 369.99 MOLFM: C19-H28-N-O2-S .Cl

SYN: 1,1-DIMETHYL-4-HYDROXY-PIPERIDINIUM CHLORIDE alpha-2-CYCLOHEXEN-1-YL-2-THIOPHENEACETATE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:630 mg/kg	JAPMA8 45,578,56
*	ivn-mus LD50:3900 ug/kg	JAPMA8 45,578,56

TN4972600 PIPERIDINIUM, 1,1-DIMETHYL-4-HYDROXY-, CHLORIDE, alpha-2-CYCLOPENTEN-1-YL-2-THIOPHENEACETATE

UPDT:8405 MW: 355.96 MOLFM: C18-H26-N-O2-S .Cl

SYN: 1,1-DIMETHYL-4-HYDROXY-PIPERIDINIUM CHLORIDE alpha-2-CYCLOPENTEN-1-YL-2-THIOPHENEACETATE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:525 mg/kg	JAPMA8 45,578,56

*	ivn-mus LD50:5 mg/kg	JAPMAB 45,578,56

TN4973000 PIPERIDINIUM, 1,1-DIMETHYL-4-(HYDROXYMETHYL)-, IODIDE

UPDT:8309 MW: 271.17 MOLFM: C8-H18-N-O.I

SYN: 1,1-DIMETHYL-4-(HYDROXYMETHYL)PIPERIDINIUM IODIDE * 1-METHYL-4-PIPERIDYLMETHANOL METHIODIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:13 mg/kg	JMPCAS 2,449,60

TN4974000 PIPERIDINIUM, 1,1-DIMETHYL-4-(HYDROXYMETHYL)-, IODIDE, ACETATE

UPDT:8309 MW: 313.21 MOLFM: C10-H20-N-O2.I

SYN: 1,1-DIMETHYL-4-(HYDROXYMETHYL)PIPERIDINIUM IODIDE ACETATE * 1-METHYL-4-PHENYLPIPERIDINE METHIODIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:11 mg/kg	JMPCAS 2,449,60

TN4974400 PIPERIDINIUM, 1,1-DIMETHYL-4-HYDROXY-, METHYL SULFATE, alpha-2-CYCLOHEXEN-1-YL- 2-THIOPHENEACETATE

UPDT:8403 MW: 446.65 MOLFM: C19-H28-N-O2-S.C-H3-S-O4

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:470 mg/kg	JAPMAB 45,578,56
*	ivn-mus LD50:5150 ug/kg	JAPMAB 45,578,56

TN4974500 PIPERIDINIUM, 1,1-DIMETHYL-4-HYDROXY-, METHYL SULFATE, alpha-2-CYCLOPENTEN-1-YL- 2-THIOPHENEACETATE

UPDT:8405 MW: 432.62 MOLFM: C18-H26-N-O2-S.C-H3-S-O4

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:817 mg/kg	JAPMAB 45,578,56
*	ivn-mus LD50:4380 ug/kg	JAPMAB 45,578,56

TN4975000 PIPERIDINIUM, 1,1-DIMETHYL-, IODIDE

UPDT:8309 CAS: 3333-08-2 MW: 241.14 MOLFM: C7-H16-N.I

SYN: 1,1-DIMETHYLPIPERIDINIUM IODIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:29 mg/kg	JMPCAS 2,449,60

TN4976000 PIPERIDINIUM, 1,1-DIMETHYL-4-(2-(4-METHYLMORPHOLINO)ETHYL)-, DIIODIDE

UPDT:8309 CAS: 63884-30-0 MW: 496.26 MOLFM: C14-H30-N2-O.2I

SYN: BW 55-95 * MORPHOLINIUM, 4-(2-(1,1-DIMETHYLPIPERID-4-YL)ETHYL)-4-METHYL-, DIIODIDE

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:26 mg/kg	JAPMAB 45,727,56

TN4977000 PIPERIDINIUM, 1,1-DIMETHYL-4-(2-(1-METHYLPYRROLIDINYL)ETHYL)-, DIIODIDE

UPDT:8309 CAS: 63884-31-1 MW: 480.26 MOLFM: C14-H30-N2.2I

SYN: BW 54-95 * PYRROLIDINIUM, 1-(2-(1,1-DIMETHYLPIPERID-4-YL)ETHYL)-1-METHYL-, DIIODIDE

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:17 mg/kg	JAPMAB 45,727,56

TN4978000 PIPERIDINIUM, 1,1-DIMETHYL-2-(2-(10-PHENOTHIAZINYL)ETHYL)-, BROMIDE

UPDT:8403 MW: 419.47 MOLFM: C21-H27-N2-S.Br

SYN: 10-(2-(1-METHYL-2-PIPERIDINYL)ETHYL)PHENOTHIAZINE METHOBROMIDE * PHENOTHIAZINE, 10-(2-(1-METHYL-2-PIPERIDYL)ETHYL)-, METHOBROMIDE

TOXICITY DATA AND REFERENCES:

2F17Y55	scu-mus LDLo:100 mg/kg	JAPMAB 46,333,57

TN4979000 PIPERIDINIUM, 1,1-DIMETHYL-4-PHENYL-, IODIDE

UPDT:8309 MW: 317.24 MOLFM: C13-H20-N.I

SYN: 1,1-DIMETHYL-4-PHENYLPIPERIDINIUM IODIDE

TOXICITY DATA AND REFERENCES:

1F12	ipr-mus LD50:17 mg/kg	AIPTAK 97,186,54
*	ivn-mus LD50:1333 ug/kg	JMPCAS 2,449,60
1F12	ims-mus LD50:28 mg/kg	AIPTAK 97,186,54

PIPERIDINIUM, 1,1-DIMETHYL-4-(3,4,5-TRIMETHOXYBENZOYLOXY)-, BROMIDE see: TN4972000

TN5021000 PIPERIDINIUM, 1-((2,2-DIPHENYL-1,3-DIOXOLAN-3-YL)METHYL)-1-METHYL-, IODIDE

UPDT:8301 MW: 465.4 MOLFM: C22-H28-N-O2.I

SYN: 1-((2,2-DIPHENYL-1,3-DIOXOLAN-3-YL)METHYL)-1-METHYLPIPERIDINIUM IODIDE * DIPHENYLPIPERIDINOMETHYLDIOXOLAN IODIDE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1820 mg/kg	NIIRDN 6,865,82
*	scu-rat LD50:713 mg/kg	NIIRDN 6,865,82

TN5050000 PIPERIDINIUM, 4,4-DIPHENYL-1-(3-HYDROXYPROPYL)-1-METHYL-, IODIDE

UPDT:8408 MW: 437.40 MOLFM: C21-H28-N-O.I

SYN: 4,4-DIPHENYL-1-(3-HYDROXYPROPYL)-1-METHYLPIPERIDINIUM IODIDE

TOXICITY DATA AND REFERENCES:

2F12F17	ivn-mus LD50:32 mg/kg	ARZNAD 34,233,84

TN5075000 PIPERIDINIUM, 4-(DIPHENYLMETHYLENE)-1,1-DIMETHYL-, METHYL SULFATE

UPDT:8403 CAS: 62-97-5 MW: 389.55 MOLFM: C20-H24-N.C-H3-O4-S

SYN: DEMOTIL * N,N-DIMETHYL-4-PIPERIDYLIDENE-1,1-DIPHENYLMETHANE METHYLSULFATE * DIPHEMANIL * DIPHEMANIL METHYLSULFATE * DIPHENATIL * DIPHENMANIL METHYLSULFATE * DIPHENMETHANIL * DIPHENMETHANIL METHYLSULFATE * 4-(DIPHENYLMETHYLENE)-1,1-DIMETHYLPIPERIDINIUM METHYLSULFATE * NIVELONA * p-(alpha-PHENYLBENZYLIDENE)-1,1-DIMETHYLPIPERIDINIUM METHYL SULFATE * PRANTAL * PRANTAL METHYLSULFATE * VAGOPHEMANIL * VAGOPHEMANIL METHYL SULFATE * VARITON

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1107 mg/kg	PSEBAA 78,576,51
2D16E15	ivn-rat LD50:5 mg/kg	OYYAA2 23,461,82
	orl-mus LD50:317 mg/kg	PSEBAA 78,576,51
	ipr-mus LD50:47 mg/kg	PSEBAA 78,576,51
*	ivn-mus LD50:4012 ug/kg	AIPTAK 103,100,55
	ivn-dog LD50:42 mg/kg	PSEBAA 78,576,51
	orl-gpg LD50:404 mg/kg	PSEBAA 78,576,51

TN5077000 PIPERIDINIUM, 1-(2,2-DIPHENYLVINYL)-1-METHYL-, METHANESULFONATE

UPDT:8305 MW: 373.55 MOLFM: C20-H24-N.C-H3-O3-S

SYN: DIPHENYL-1,1-(N-METHYL PIPERIDYL)-2 ETHYLENE METHYLSULFATE (French) * 1-(2,2-DIPHENYLVINYL)-1-METHYLPIPERIDINIUM METHANESULFONATE * SCH 1921

TOXICITY DATA AND REFERENCES:

2F07F12	ipr-mus LD50:60 mg/kg	CHTPBA 1,212,66

TN5102000 PIPERIDINIUM, 3,3'-(DODECAMETHYLENEDIOXY)BIS(1,1-DIMETHYL-, DIBROMIDE

UPDT:8406 MW: 586.64 MOLFM: C26-H54-N2-O2.2Br

SYN: 3,3'-(DODECAMETHYLENEDIOXY)BIS(1,1-DIMETHYLPIPERIDINIUM BROMIDE) * JB 410

TOXICITY DATA AND REFERENCES:

1F05	ivn-rbt LD50:135 ug/kg	JAPMAB 47,438,58

TN5185000 PIPERIDINIUM, 1,1'-(ETHYLENEBIS(1,3-DIOXOLANE-2,4-DIYLMETHYLENE))BIS(1-METHYL-, DIIODIDE

UPDT:8303 CAS: 15483-62-2 MW: 652.46 MOLFM: C22-H42-N2-O4.2I

SYN: 1,2-BIS-(4-PIPERIDINOMETHYL-1,3-DIOXOLANYL-2-)ETHANE DIMETHIODIDE * 1,1'-(ETHYLENEBIS(1,3-DIOXOLANE-2,4-DIYLMETHYLENE))BIS(1-METHYLPIPERIDINIUM) DIIODIDE

TOXICITY DATA AND REFERENCES:

1E15	unk-mus LD50:3400 ug/kg	PCJOAU 2,117,68

TN5187000 PIPERIDINIUM, 1,1'-(ETHYLENEBIS(OXYETHYLENE))BIS(1-ETHYL-, DIIODIDE

UPDT:8305 MW: 596.44 MOLFM: C20-H42-N2-O2.2I

SYN: DIIODOETHYLATE de N,N-BIS(PIPERIDYLETHOXY)ETHYLENE (French) * 1,1'-(ETHYLENEBIS(OXYETHYLENE))BIS(1-ETHYLPIPERIDINIUM IODIDE) * 505 HC

TOXICITY DATA AND REFERENCES:

3C08J22J30	scu-mus LD50:11 mg/kg	THERAP 9,314,54
*	ivn-mus LD50:4 mg/kg	AIPTAK 94,1,53

TN5187100 PIPERIDINIUM, 1,1'-(ETHYLENEBIS(OXYETHYLENE))BIS(1-METHYL-, DIIODIDE

UPDT:8305 MW: 568.38 MOLFM: C18-H38-N2-O2.2I

SYN: DIIODOMETHYLATE de N,N-BIS(PIPERIDYLETHOXY)ETHYLENE (French) * 1,1'-(ETHYLENEBIS(OXYETHYLENE))BIS(1-METHYLPIPERIDINIUM IODIDE) * 504 HC

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:10500 ug/kg	AIPTAK 94,1,53

TN5423000 PIPERIDINIUM, 1-ETHYL-1-(2-HYDROXYETHYL)-, IODIDE, ESTER with (2-CARBOXYETHYL)TRIMETHYL AMMONIUM IODIDE

UPDT:8303 MW: 526.29 MOLFM: C15-H32-N2-O2.2I

TOXICITY DATA AND REFERENCES:

1H02	ivn-mus LDLo:75 mg/kg	AIPTAK 118,210,59

TN5424000 PIPERIDINIUM, 1-ETHYL-3-HYDROXY-1-METHYL-, BENZILATE (ESTER)

UPDT:8407 CAS: 13473-38-6 MW: 355.52 MOLFM: C22-H29-N-O3

SYN: PIPENZOLATE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:859 mg/kg	JOPDAB 69,663,66

TN5556000 PIPERIDINIUM, 1,1'-HEXAMETHYLENEBIS(1-ETHYL-, DIBROMIDE

UPDT:8405 MW: 470.46 MOLFM: C20-H42-N2.2Br

SYN: 1,1'-HEXAMETHYLENEBIS(1-ETHYLPIPERIDINIUM BROMIDE)

TOXICITY DATA AND REFERENCES:

*	ivn-mus LDLo:5 mg/kg	JAPMAB 45,423,56

TN5582000 PIPERIDINIUM, 1,1'-HEXAMETHYLENEBIS(1,2,6-TRIMETHYL-, DIIODIDE

UPDT:8405 MW: 592.50 MOLFM: C22-H46-N2.2I

SYN: 1,1'-HEXAMETHYLENEBIS(1,2,6-TRIMETHYLPIPERIDINIUM IODIDE)

TOXICITY DATA AND REFERENCES:

*	ivn-mus LDLo:3 mg/kg	JAPMAB 45,423,56

TN5700000 PIPERIDINIUM, 1-(4-HYDROXYCYCLOHEXYL)-1-METHYL-, BROMIDE, BENZOATE (ester)

UPDT:8406 MW: 382.39 MOLFM: C19-H28-N-O2.Br

SYN: BROMOMETILATO di 1-N-PIPERIDINO-4-BENZOIL-CICLOESANOLO (Italian)

TOXICITY DATA AND REFERENCES:

1F07	unk-rbt LDLo:15 mg/kg	BSIBAC 42,967,66
1C08	unk-frg LDLo:250 mg/kg	BSIBAC 42,967,66

TN5950000 PIPERIDINIUM, 3-HYDROXY-1,1-DIMETHYL-, BROMIDE, BENZILATE

UPDT:8412 CAS: 76-90-4 MW: 420.39 MOLFM: C21-H26-N-O3.Br

SYN: BENZILIC ACID, ester with 3-HYDROXY-1,1-DIMETHYLPIPERIDINIUM BROMIDE * BENZILIC ACID, 1-METHYL-3-PIPERIDYL ESTER METHOBROMIDE * CANTIL * CANTRIL * GASTROPIDIL * 3-HYDROXY-1,1-DIMETHYLPIPERIDINIUM BROMIDE BENZILATE * 3-((HYDROXYDIPHENYLACETYL)OXY)-1,1-DIMETHYLPIPERIDINIUM BROMIDE * JB 340 * MEPENZOLATE * MEPENZOLATE BROMIDE * N-METHYL-3-PIPERIDYL BENZILATE METHOBROMIDE * N-METHYL-3-PIPERIDYL BENZILATE METHYL BROMIDE * N-METHYL-3-PIPERIDYLDIPHENYLGLYCOLATE METHOBROMIDE * TRANCOLON

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:742 mg/kg	TXAPA9 18,185,71
*	ipr-rat LD50:158 mg/kg	NIIRDN 6,358,82
	scu-rat LD50:740 mg/kg	TXAPA9 18,185,71
	ivn-rat LD50:22 mg/kg	27ZIAQ -,148,73
	orl-mus LD50:900 mg/kg	27ZIAQ -,148,73
*	ipr-mus LD50:88 mg/kg	NIIRDN 6,358,82
*	scu-mus LD50:455 mg/kg	NIIRDN 6,358,82
	ivn-mus LD50:9800 ug/kg	27ZIAG -,148,73

PIPERIDINIUM, 2-(((HYDROXYDIPHENYLACETYL)OXY)METHYL)-1,1-DIMETHYL-, METHYL SULFATE (SALT) see: TN5950070

TN5950015 PIPERIDINIUM, 1-(2-(2-HYDROXYETHOXY)ETHYL)-1-METHYL-, IODIDE, ESTER with 1-alpha- CARBOXYBENZYL-1,2,3,6-TETRAHYDRO-1-METHYLPYRIDINIUM IODIDE

UPDT:8303 MW: 656.44 MOLFM: C24-H38-N2-O3.2I

TOXICITY DATA AND REFERENCES:

2C08J30	ivn-mus LD50:4300 ug/kg	AIPTAK 125,121,60

TN5950030 PIPERIDINIUM, 1-(2-HYDROXYETHYL)-1-METHYL-, IODIDE, DIPROPYLPHOSPHATE

UPDT:8408 CAS: 73771-91-2 MW: 435.33 MOLFM: C14-H31-N-O4-P.I

SYN: DS-49

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:206 mg/kg	RPTOAN 33,164,70

TN5950035 PIPERIDINIUM, 1-(2-HYDROXYETHYL)-1-METHYL-, IODIDE, ESTER with (2-CARBOXYETHYL)TRIMETHYL AMMONIUM IODIDE

UPDT:8408 MW: 512.26 MOLFM: C14-H30-N2-O2.2I

TOXICITY DATA AND REFERENCES:

2E08H02	ivn-mus LDLo:50 mg/kg	AIPTAK 118,210,59

TN5950040 PIPERIDINIUM, 1-(2-HYDROXYETHYL)-1-METHYL-, IODIDE, 2-ETHYL-2-METHYLHEXANOATE

UPDT:8408 CAS: 24589-41-1 MW: 411.42 MOLFM: C17-H34-N-O2.I

SYN: 1-(2-HYDROXYETHYL)-1-METHYLPIPERIDINIUM IODIDE 2-ETHYL-2-METHYLHEXANOATE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:46 mg/kg	CHTPBA 4,103,69

TN5950070 PIPERIDINIUM, 2-HYDROXYMETHYL-1,1-DIMETHYL-, METHANESULFONATE, BENZILATE

UPDT:8312 CAS: 5205-82-3 MW: 465.61 MOLFM: C22-H28-N-O3.C-H3-O4-S

SYN: ACABEL * BENZILIC ACID ester with 2-(HYDROXYMETHYL)-1,1-DIMETHYLPIPERIDINIUM METHYL SULFATE * BENZILSAEURE-(N,N-DIMETHYL-2-HYDROXYMETHYL-PIPERIDINIUM)-ESTER METHYLSULFAT (German) * BEVONIUM METILSULFATE * BEVONIUM METHYL SULFATE * CG 201 * ESTER D'ACIDE BENZILIQUE et du 1-METHYLSULFATE de 1,1-DIMETHYL-(2-HYDROXYMETHYL)PIPERIDINIUM * ESTER del ACIDO BENCILICO del 1,1-DIMETIL-2-OXIMETIL-PIPERIDINIO-METILSULFATO (Spanish) * 2-(HYDROXYMETHYL)-1,1-DIMETHYLPIPERIDINIUM METHYL SULFATE BENZILATE * L 99 * alpha-PHENYLMANDELIC ACID N,N-DIMETHYLPIPERIDINIUM-2-METHYL ESTER METHYLSULFATE * PIPERIDINIUM, 2-(((HYDROXYDIPHENYLACETYL)OXY)METHYL)-1,1-DIMETHYL-, METHYL SULFATE (SALT) * PIPERIDINIUM, 2-(HYDROXYMETHYL)-1,1-DIMETHYL-, METHYL SULFATE, BENZILATE * PIRIBENZIL METHYL SULFATE

TOXICITY DATA AND REFERENCES:

2E15E16	orl-rat LD50:5080 mg/kg	ARZNAD 16,901,66
	scu-rat LD50:2400 mg/kg	ARZNAD 16,901,66
	ivn-rat LD50:26 mg/kg	ARZNAD 16,901,66
	orl-mus LD50:1360 mg/kg	ARZNAD 16,901,66
	scu-mus LD50:436 mg/kg	ARZNAD 16,901,66
	ivn-mus LD50:17400 ug/kg	ARZNAD 16,901,66
	orl-dog LD50:1000 mg/kg	ARZNAD 16,901,66
	orl-rbt LD50:1000 mg/kg	ARZNAD 16,901,66
	ims-rbt LD50:500 mg/kg	ARZNAD 16,901,66
	orl-gpg LD50:3860 mg/kg	ARZNAD 16,901,66
	scu-gpg LD50:182 mg/kg	ARZNAD 16,901,66

PIPERIDINIUM, 2-(HYDROXYMETHYL)-1,1-DIMETHYL-, METHYL SULFATE, BENZILATE see: TN5950070

TN5950090 PIPERIDINIUM, 1-(3-HYDROXY-3-METHYL-5-PHENYL-4-PENTYNYL)-1-METHYL-, IODIDE

UPDT:8311 CAS: 53310-33-1 MW: 399.35 MOLFM: C18-H26-N-O.I

SYN: 1-(3-HYDROXY-3-METHYL-5-PHENYL-4-PENTYNYL)-1-METHYLPIPERIDINIUM IODIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1100 mg/kg	EJMCA5 9,59,74

TN5951605 PIPERIDINIUM, 1-ISOPROPYL-1-METHYL-4-PHENYL-, IODIDE

UPDT:8305 MW: 345.30 MOLFM: C15-H24-N.I

SYN: IMPP * 1-ISOPROPYL-1-METHYL-4-PHENYLPIPERIDINIUM IODIDE
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:25 mg/kg AIPTAK 97,186,54

TN5953300 PIPERIDINIUM, 1-METHYL-1-(1-PHENYLCYCLOHEXYL)-, IODIDE
UPDT:8310 CAS: 7418-82-8 MW: 385.37 MOLFM: C18-H28-N . I
SYN: IODURE de la PHENCYCLIDINE (French) * 1-METHYL-1-(1-PHENYLCYCLOHEXYL)PIPERIDINIUM IODIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:90 mg/kg CHTPBA 3,241,68

PIPERIDINIUM, 4-((3-METHYL-2-PHENYLVALERYL)OXY)-1,1-DIMETHYL-, BROMIDE (9CI) see: TN4971000

TN6086900 PIPERIDINIUM, 1-METHYL-1-(1-(2-THIENYL)CYCLOHEXYL)-
UPDT:8305 CAS: 14228-31-0 MW: 391.39 MOLFM: C16-H26-N-S . I
SYN: IODURE du ((THIENYL-2)-1 CYCLOHEXYLE)-N PIPERIDINE (French) * 1-METHYL-1-(1-(2-THIENYL)CYCLOHEXYL)PIPERIDINIUM
TOXICITY DATA AND REFERENCES:
1F24 ipr-mus LD50:63 mg/kg CHTPBA 1,284,66

TN6151700 PIPERIDINIUM, 1,1'-(p-PHENYLENEDIMETHYLENE)BIS(1-ETHYL-, DIBROMIDE
UPDT:8303 MW: 490.44 MOLFM: C22-H38-N2 . 2Br
SYN: 1,1'-(p-PHENYLENEDIMETHYLENE)BIS(1-ETHYL PIPERIDINIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:15 mg/kg AIPTAK 114,217,58

TN6157100 PIPERIDINIUM, 1,1'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(1-BENZYL-, DIBROMIDE
UPDT:8305 MW: 650.68 MOLFM: C32-H50-N4 . 2Br
SYN: 75 HC * 1,1'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(1-BENZYLPIPERIDINIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
3C08J22J30 scu-mus LD50:20 mg/kg THERAP 9,314,54

TN6157200 PIPERIDINIUM, 1,1'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(1-BENZYL-, DICHLORIDE
UPDT:8305 MW: 561.76 MOLFM: C32-H50-N4 . 2Cl
SYN: 339 HC * 1,1'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(1-BENZYLPIPERIDINIUM CHLORIDE)
TOXICITY DATA AND REFERENCES:
3C08J22J30 scu-mus LD50:30 mg/kg THERAP 9,314,54
* ivn-mus LD50:2900 ug/kg AIPTAK 94,1,53

TN6157300 PIPERIDINIUM, 1,1'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(1-(2-BROMOETHYL)-, DIBROMIDE
UPDT:8305 MW: 684.34 MOLFM: C22-H44-Br2-N4 . 2Br
SYN: 338 HC * 1,1'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(1-(2-BROMOETHYL)PIPERIDINIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:61 mg/kg AIPTAK 94,1,53

TN6157400 PIPERIDINIUM, 1,1'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(1-ETHYL-, DIBROMIDE
UPDT:8305 MW: 526.54 MOLFM: C22-H46-N4 . 2Br
SYN: 76 HC * 1,1'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(1-ETHYLPIPERIDINIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
3C08J22J30 scu-mus LD50:35 mg/kg THERAP 9,314,54
* ivn-mus LD50:8 mg/kg AIPTAK 112,36,57

TN6157500 PIPERIDINIUM, 1,1'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(1-ETHYL-, DIIODIDE
UPDT:8311 CAS: 4727-62-2 MW: 620.52 MOLFM: C22-H46-N4 . 2I
SYN: 336 HC * 1,1'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(1-ETHYLPIPERIDINIUM IODIDE)
TOXICITY DATA AND REFERENCES:
3C08J22J30 scu-mus LD50:50 mg/kg THERAP 9,314,54
* ivn-mus LD50:10 mg/kg AIPTAK 94,1,53
1J30 par-mus LD50:10 mg/kg APFRAD 7,368,49

TN6157600 PIPERIDINIUM, 1,1'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(1-METHYL-, DIIODIDE
UPDT:8305 MW: 592.46 MOLFM: C20-H42-N4 . 2I
SYN: 334 HC * 1,1'-(1,4-PIPERAZINEDIYLDIETHYLENE)BIS(1-METHYLPIPERIDINIUM IODIDE)
TOXICITY DATA AND REFERENCES:
3C08J22J30 scu-mus LD50:75 mg/kg THERAP 9,314,54
* ivn-mus LD50:20 mg/kg AIPTAK 94,1,53

TN6158000 PIPERIDINIUM, 1-PIPERIDINO-, DITHIOCARBAMATE
UPDT:8305 CAS: 63916-20-1 MW: 261.49 MOLFM: C10-H21-N2 . C-H2-N-S2
SYN: PIPERIDINIUM 1-PIPERIDYL DITHIOCARBAMATE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg JPETAB 90,260,47

PIPERIDINIUM 1-PIPERIDYL DITHIOCARBAMATE see: TN6158000

TN6195000 PIPERIDINIUM, 3,3'-(TETRADECAMETHYLENEDIOXY)BIS(1,1-DIMETHYL-, DIBROMIDE
UPDT:8406 CAS: 73816-86-1 MW: 614.70 MOLFM: C28-H58-N2-O2 . 2Br
SYN: PIPERIDINIUM BROMIDE 3,3'-(TETRADECAMETHYLENEDIOXY)BIS 1,1-DIMETHYL * 3,3'-(TETRADECAMETHYLENEDIOXY)BIS(1,1-DIMETHYLPIPERIDINIUM) DIBROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:320 ug/kg CSLNX* NX#03666
1F05 ivn-rbt LD50:240 ug/kg JAPMA8 47,438,58

TN6235000 PIPERIDINIUM, 1,1'-(VINYLENEBIS(1,3-DIOXOLANE-2,4-DIYLMETHYLENE))BIS(1-METHYL-, DIIODIDE
UPDT:8303 CAS: 17039-23-5 MW: 650.44 MOLFM: C22-H40-N2-O4 . 2I
SYN: 1,2-BIS(4'-PIPERIDINOMETHYL-1',3'-DIOXOLANYL-2')ETHYLENE DIMETHIODIDE * 1,1'-(VINYLENEBIS(1,3-DIOXOLANE-2,4-DIYLMETHYLENE))BIS(1-METHYLPIPERIDINIUM) DIIODIDE
TOXICITY DATA AND REFERENCES:
3E05E15H02 unk-mus LD50:2100 ug/kg PCJOAU 2,117,68

p-(2-PIPERIDINOACETAMIDO)BENZOIC ACID ETHYL ESTER see: DH6476400
p-(2-PIPERIDINOACETAMIDO)BENZOIC ACID ETHYL ESTER HYDROCHLORIDE see: DH6476450 BENZOICACID, p-(2-PIPERIDINOACETAMIDO)-, ETHYL ESTER, HYDROCHLORIDE
(PIPERIDINOACETYLAMINO-4' PHENYLTHIO)-4 NITROBENZENE (French) see: TM3508750
4-PIPERIDINOACETYL-3,4-DIHYDRO-2H-1,4-BENZOXAZINE HYDROCHLORIDE see: DM3097000 2H-1,4-BENZOXAZINE, 3,4-DIHYDRO-4-(1-PIPERIDINYLACETYL)-, MONOHYDROCHLORIDE
10-PIPERIDINO-BORNAN-2-exo-OL see: ED6651900
p-(4-PIPERIDINO-2-BUTENYL)BENZENESULFONAMIDE HYDROCHLORIDE see: DB3075000
p-(4-PIPERIDINO-2-BUTENYL)BENZOIC ACID (2-(DIETHYLAMINO)ETHYL) ESTER DIHYDROCHLORIDE see: DH6476500
p-(4-PIPERIDINO-2-BUTENYL)-N-(2-THIAZOLYL)BENZENESULFONAMIDE HYDROCHLORIDE see: DB3100000
N-(3-PIPERIDINOBUTYL)-N-(2-THIENYL)PROPIONAMIDE OXALATE see: UE4529350
3-(PIPERIDINOCARBONYL)COUMARIN see: GN8262400
3-(PIPERIDINOCARBONYL)HYDROCOUMARIN see: MW5777000 HYDROCOUMARIN, 3-(PIPERIDINOCARBONYL)-
3-((PIPERIDINOCARBONYL)METHYL)COUMARIN see: GN8262600 COUMARIN, 3-((PIPERIDINOCARBONYL)METHYL)-
1-(p-(PIPERIDINOCARBONYL)PHENYL)BIGUANIDE MONOHYDROCHLORIDE see: DU2560000
3-(PIPERIDINOCARBONYL)PIPERIDINE see: OB6420000
N-(1-(PIPERIDINOCARBONYL)-2-(3-PIPERIDYL)VINYL)BENZAMIDE see: CV5783000
N-(1-(PIPERIDINOCARBONYL)-2-(4-PYRIDYL)VINYL)BENZAMIDE see: CV5783010
2-(PIPERIDINOCARBONYL)VERATRALDEHYDE see: YX5089800
PIPERIDINOCYCLOHEXANECARBONITRILE see: GU7735000
1-PIPERIDINOCYCLOHEXANECARBONITRILE see: GU7735000
6-PIPERIDINO-2,4-DIAMINOPYRIMIDINE 3-OXIDE see: UV8200000
PIPERIDINO-4 DIPHENYL-1,1 BUTENE-1 ONE-3 CHLORHYDRATE (French) see: EM9930000
gamma-PIPERIDINO-alpha,alpha-DIPHENYLBUTYRIC ACID HYDROGEN SULFATE see: TM5504200
1-PIPERIDINO-3,3-DIPHENYL-4-HEPTANONE HYDROBROMIDE see: MJ7184300
7-PIPERIDINO-4,4-DIPHENYL-3-HEPTANONE HYDROBROMIDE see: MJ7184500 3-HEPTANONE, 4,4-DIPHENYL7-PIPERIDINO-, HYDROBROMIDE
6-PIPERIDINO-4,4-DIPHENYLHEPTAN-3-ONE HYDROCHLORIDE see: MJ7184700 3-HEPTANONE, 4,4-DIPHENYL-6-PIPERIDINO-, HYDROCHLORIDE
6-PIPERIDINO-4,4-DIPHENYLHEXAN-3-ONE HYDROBROMIDE see: MP3510000
5-PIPERIDINO-3,3-DIPHENYLHEXAN-2-ONE HYDROCHLORIDE see: MP3510500 2-HEXANONE, 3,3-DIPHENYL-5-PIPERIDINO-, HYDROCHLORIDE
6-PIPERIDINO-3,3-DIPHENYLHEXAN-2-ONE SULFATE see: MP3520500 2-HEXANONE, 3,3-DIPHENYL-6-PIPERIDINO-, SULFATE
1-PIPERIDINO-3,3-DIPHENYL-2-METHYLHEPTAN-4-ONE HYDROBROMIDE see: MJ7183500 4-HEPTANONE, 3,3DIPHENYL-2-METHYL-1-PIPERIDINO-, HYDROBROMIDE
6-PIPERIDINO-4,4-DIPHENYL-5-METHYLHEXAN-3-ONE HYDROBROMIDE see: MP3430500 3-HEXANONE, 4,4-DIPHENYL-5-METHYL-6-PIPERIDINO-, HYDROBROMIDE
5-PIPERIDINO-3,3-DIPHENYL-4-METHYLPENTAN-2-ONE NITRATE see: SA8860000 2-PENTANONE, 3,3-DIPHENYL-5-PIPERIDINO-4-METHYL-, NITRATE
7-PIPERIDINO-5,5-DIPHENYLOCTAN-4-ONE NITRATE see: RH1495000 4-OCTANONE, 5,5-DIPHENYL-6-PIPERIDINO-, NITRATE
8-PIPERIDINO-5,5-DIPHENYLOCTAN-4-ONE SULFATE see: RH1496000 4-OCTANONE, 5,5-DIPHENYL-8-PIPERIDINO-, SULFATE
5-PIPERIDINO-3,3-DIPHENYLPENTAN-2-ONE HYDROBROMIDE see: SA8850000
3-PIPERIDINO-1,1-DIPHENYLPROPANE HYDROCHLORIDE see: TM7861000
3-PIPERIDINO-1,1-DIPHENYL-1-PROPANOL HYDROCHLORIDE see: TN2856000
3-PIPERIDINO-1,1-DIPHENYL-n-PROPYLCYANIDE HYDROCHLORIDE see: TM5659800
p-(2-(PIPERIDINO)ETHOXY)CARBANILIC ACID BENZYL ESTER HYDROCHLORIDE see: FD9778550
p-(2-(PIPERIDINO)ETHOXY)CARBANILIC ACID BUTYL ESTER HYDROCHLORIDE see: FD9778570
p-(2-(PIPERIDINO)ETHOXY)CARBANILIC ACID DECYL ESTER HYDROCHLORIDE see: FD9778600
p-(2-(PIPERIDINO)ETHOXY)CARBANILIC ACID ETHYL ESTER HYDROCHLORIDE see: FD9778630
p-(2-(PIPERIDINO)ETHOXY)CARBANILIC ACID HEPTYL ESTER HYDROCHLORIDE see: FD9778660
p-(2-(PIPERIDINO)ETHOXY)CARBANILIC ACID HEXYL ESTER HYDROCHLORIDE see: FD9778690
p-(2-(PIPERIDINO)ETHOXY)CARBANILIC ACID OCTYL ESTER HYDROCHLORIDE see: FD9778700
p-(2-(PIPERIDINO)ETHOXY)CARBANILIC ACID PENTYL ESTER HYDROCHLORIDE see: FD9778730
p-(2-(PIPERIDINO)ETHOXY)CARBANILIC ACID PHENETHYL ESTER HYDROCHLORIDE see: FD9778760
10-(N-(2-PIPERIDINOETHYL)-beta-ALANYL)PHENOTHIAZINE DIMALEATE see: SP4120000
N-(2-PIPERIDINOETHYL)CARBAMIC ACID, 6-CHLORO-o-TOLYL ESTER, HYDROCHLORIDE see: FD0832000
(2-PIPERIDINOETHYL)GUANIDINE HEMISULFATE see: MF5962500 GUANIDINE, (2-PIPERIDINOETHYL)-,SULFATE (2:1)
PIPERIDINOETHYL 2-HEPTOXYPHENYLCARBAMOATE HYDROCHLORIDE see: FB1440000
beta-PIPERIDINOETHYL METHACRYLATE see: OZ5240000 METHACRYLIC ACID, 2-PIPERIDINOETHYL ESTER
2-PIPERIDINOETHYL METHACRYLATE see: OZ5240000 METHACRYLIC ACID, 2-PIPERIDINOETHYL ESTER
PIPERIDINOETHYL-3-METHYLFLAVONE-8-CARBOXYLATE HYDROCHLORIDE see: DJ2450000
2-PIPERIDINOETHYL-3-METHYL-4-OXO-2-PHENYL-4H-1-BENZOPYRAN-8-CARBOXYLATE HYDROCHLORIDE see: DJ2450000
(17R)-4-(2-PIPERIDINOETHYL)-4,21-SECOAJMALAN-17-OL see: VS2195000
(17R,20-alpha)-4-(2-PIPERIDINOETHYL)-4,21-SECOAJMALAN-17-OL see: VS2195500
3-(2-PIPERIDINOETHYL)SYDNONE MONOHYDROCHLORIDE see: WU7693800
7-(2-PIPERIDINOETHYL)THEOPHYLLINE CAMPHORSULFONATE see: XH6487260
7-(2-PIPERIDINOETHYL)THEOPHYLLINE HYDROCHLORIDE see: XH6487250
2-(2-PIPERIDINO-1-HYDROXYETHYL)DIBENZOFURAN HYDROCHLORIDE see: KK3600000
3-(2-PIPERIDINO-1-HYDROXYETHYL)PHENANTHRENE HYDROCHLORIDE see: KM0100000
1-delta(sup 3)-PIPERIDINO-beta-HYDROXY-gamma-o-TOLOXYPROPANE HYDROCHLORIDE see: UB8610000
4-PIPERIDINOL, 1-(3-(2-ACETYLPHENOTHIAZIN-10-YL)PROPYL)- see: OB4501000
4-PIPERIDINOL, 1-(3-(2-ACETYLPHENOXAZIN-10-YL)PROPYL)- see: OB4501500

TN6829750 4-PIPERIDINOL, 3-ALLYL-1-METHYL-4-PHENYL-, PROPIONATE (ester), HYDROCHLORIDE, dl-
UPDT:8303 MW: 323.90 MOLFM: C18-H25-N-O2 . Cl-H
SYN: dl-3-ALLYL-1-METHYL-4-PHENYL-4-PIPERIDINOL PROPIONATE HYDROCHLORIDE * ALLYLPRODINE HYDROCHLORIDE * ALPERIDINE HYDROCHLORIDE * dl-1-METHYL-3-ALLYL-4-PROPIONOXYPIPERIDINE HYDROCHLORIDE * NIH 7440 HYDROCHLORIDE * Ro 2-7113
TOXICITY DATA AND REFERENCES:
2F05F08 orl-rat LD50:125 mg/kg AIPTAK 109,171,57
2F05F08 scu-rat LD50:80 mg/kg AIPTAK 109,171,57
2F05F08 ivn-rat LD50:13400 ug/kg AIPTAK 109,171,57
3F07F08K01 orl-mus LD50:536 mg/kg AIPTAK 109,171,57
3F05F07F08 scu-mus LD50:333 mg/kg AIPTAK 109,171,57
3F07J25J30 ivn-mus LD50:45800 ug/kg AIPTAK 109,171,57
3F12F17J25 ivn-dog LD50:25600 ug/kg AIPTAK 109,171,57
3F08F12J25 ivn-rbt LD50:7800 ug/kg AIPTAK 109,171,57
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TN6829890 4-PIPERIDINOL, 1-BENZYL-4-ETHYNYL-3-(1-(3-INDOLYL)ETHYL)-
UPDT:8408 MW: 358.52 MOLFM: C24-H26-N2-O
SYN: N-BENZYL-3-(alpha-(3-INDOLYL)ETHYL)-4-HYDROXY-4-ETHINYLPIPERIDINE * 1-BENZYL-4-ETHYNYL-3-(1-(3-INDOLYL)ETHYL)-4-PIPERIDINOL * ICIG 778
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:160 mg/kg BIMDB3 21,101,74

TN6957000 4-PIPERIDINOL, 4-(4-CHLORO-alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-1-(4,4-BIS(p-FLUORO PHENYL)BUTYL)-
UPDT:8405 CAS: 26864-56-2 MW: 524.01 MOLFM: C28-H27-Cl-F5-N-O
SYN: McN-JR-16,341 * PENFLURIDOL * R 16341 * SEMAP * TLP 607
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T76T81 orl-rat TDLo:12 mg/kg (9-14D preg) OYYAA2 13,581,77
3T25T35T53 orl-rat TDLo:48 mg/kg (9-14D preg) OYYAA2 13,581,77
1T85 orl-rat TDLo:3 mg/kg (3D post) NSAPCC 279,31,73
1T46 orl-rat TDLo:3 mg/kg (9-14D preg) OYYAA2 13,581,77
2T71T81 orl-mus TDLo:48 mg/kg (7-12D preg) OYYAA2 13,581,77
1T46 orl-mus TDLo:12 mg/kg (7-12D preg) OYYAA2 13,581,77
3T31T34T46 orl-rbt TDLo:5 mg/kg (7-16D preg) OYYAA2 13,581,77
1T81 orl-rbt TDLo:20 mg/kg (7-16D preg) OYYAA2 13,581,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:160 mg/kg EJPHAZ 11,139,70
orl-mus LD50:87 mg/kg EJPHAZ 11,139,70
ivn-dog LDLo:5 mg/kg EJPHAZ 11,139,70
orl-gpg LD50:90 mg/kg EJPHAZ 11,139,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TN6973300 4-PIPERIDINOL, 1-(2,6-DIAMINO-4-PYRIMIDINYL)-4-PHENYL-, 1'-OXIDE, HYDROCHLORIDE
UPDT:8303 MW: 321.85 MOLFM: C15-H19-N5-O . Cl-H
SYN: 1-(2,6-DIAMINO-4-PYRIMIDINYL)-4-PHENYL-4-PIPERIDINOL 1'-OXIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2958 mg/kg BCFAAI 121,16,82

TN7000000 4-PIPERIDINOL, 1,3-DIMETHYL-4-PHENYL-, PROPIONATE
UPDT:8408 CAS: 77-20-3 MW: 261.40 MOLFM: C16-H23-N-O2

SYN: ALPHAPRODINE * 1,3-DIMETHYL-4-PHENYL-4-PIPERIDINOL PROPIONATE (ESTER) * alpha-1,3-DIMETHYL-4-PHENYL-4-PROPIONOXYPIPERIDINE * alpha-1,3-DIMETHYL-4-PHENYL-4-PIPERIDINYL PROPIONATE * 1,3-DIMETHYL-4-PHENYL-4-PROPIONOXYPIPERIDINE * NISENTIL * NU-1196 * PRISILIDINE * alpha-PRODINE * PROPIONIC ACID, alpha-1,3-DIMETHYL-4-PHENYL-4-PIPERIDYL ESTER

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T47 ivn-wmn TDLo:400 ug/kg (38W preg) JRPMAP 27,439,82

TOXICITY DATA AND REFERENCES:
unk-hmn LDLo:1 mg/kg 27ZXA3 -,-,63
orl-rat LD50:90 mg/kg JPETAB 99,16,50
ipr-rat LD50:22 mg/kg JMCMAR 19,852,76
scu-mus LD50:23 mg/kg JPETAB 99,312,50
ipr-mus LD50:73 mg/kg JPETAB 99,312,50
scu-mus LD50:98 mg/kg JPETAB 99,312,50
ivn-mus LD50:54 mg/kg JPETAB 99,312,50
ivn-rbt LD50:19 mg/kg JPETAB 99,312,50

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4-PIPERIDINOL, 1,3-DIMETHYL-4-PHENYL-, PROPIONATE, HYDROCHLORIDE see: TN7095000

TN7095000 4-PIPERIDINOL, 1,3-DIMETHYL-4-PHENYL-, PROPIONATE, HYDROCHLORIDE, (+-)-
UPDT 8303 CAS: 561-78-4 MW: 297.86 MOLFM: C16-H23-N-O2 Cl-H
SYN: ALPHAPRODINE HYDROCHLORIDE * dl-1,3-DIMETHYL-4-PHENYL-4-PIPERIDINOL PROPIONATE HYDROCHLORIDE * 1,3-DIMETHYL-4-PHENYL-4-PIPERIDYL PROPIONATE HYDROCHLORIDE * (+-)-alpha-1,3-DIMETHYL-4-PHENYL-4-PROPIONOXYPIPERIDINE HYDROCHLORIDE * NISENTIL * NISENTIL HYDROCHLORIDE * NU-1196 * 4-PIPERIDINOL, 1,3-DIMETHYL-4-PHENYL-, PROPIONATE, HYDROCHLORIDE * PRISILIDENE HYDROCHLORIDE * alpha-PRODINE HYDROCHLORIDE * PROPIONIC ACID, 1,3-DIMETHYL-4-PHENYL-4-PIPERIDYL ESTER, HYDROCHLORIDE, (+-)-

TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:1440 ug/kg CTOXAO 5,307,72
orl-rat LD50:90 mg/kg JPETAB 93,314,48
ipr-rat LD50:22 mg/kg JPETAB 99,312,50
scu-rat LD50:23 mg/kg JPETAB 99,312,50
* ivn-rat LD50:25 mg/kg AIPTAK 109,171,57
ipr-mus LD50:73 mg/kg JPETAB 99,312,50
scu-mus LD50:98 mg/kg JPETAB 99,312,50
ivn-mus LD50:32 mg/kg JPETAB 93,314,48
* ivn-dog LD50:36200 ug/kg AIPTAK 109,171,57
ivn-rbt LD50:19 mg/kg JPETAB 99,312,50

STATUS:
MEETS CRITERIA FOR PPOPOSED OSHA MEDICAL RECORDS RULE

TN7330000 4-PIPERIDINOL, 1-(2-(N-ETHYLANILINO)ETHYL)-3-METHYL-4-PHENYL-, PROPIONATE, DIHYDROCHLORIDE
UPDT 8408 MW: 479.54 MOLFM: C26-H34-N2-O2 2Cl-H
SYN: 1-(2-(N-ETHYLANILINO)ETHYL)-3-METHYL-4-PHENYL-4-PIPERIDINOL PROPIONATE DIHYDROCHLORIDE * 1-(2-(ETHYLPHENYLAMINO)ETHYL)-3-METHYL-4-PHENYL-4-PROPIONYLOXYPIPERIDINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3D17F12J30 scu-mus LD50:580 mg/kg YKKZAJ 82,1145,62

TN7747000 4-PIPERIDINOL, 3-METHYL-1-(2-(N-METHYLANILINO)ETHYL)-4-PHENYL-, PROPIONATE, DIHYDROCHLORIDE
UPDT 8408 MW: 453.50 MOLFM: C24-H32-N2-O2 2Cl-H
SYN: 3-METHYL-1-(2-(N-METHYLANILINO)ETHYL)-4-PHENYL-4-PIPERIDINOL PROPIONATE DIHYDROCHLORIDE * 1-(2-(METHYLPHENYLAMINO)ETHYL)-3-METHYL-4-PHENYL-4-PROPIONYLOXYPIPERIDINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3D17F12J30 scu-mus LD50:290 mg/kg YKKZAJ 82,1145,62

TN7748000 4-PIPERIDINOL, 3-METHYL-1-PHENETHYL-4-PHENYL-, PROPIONATE, HYDROCHLORIDE
UPDT 8408 MW: 387.99 MOLFM: C23-H29-N-O2 Cl-H
SYN: 3-METHYL-1-PHENETHYL-4-PHENYL-4-PIPERIDINOL PROPIONATE HYDROCHLORIDE * 1-PHENETHYL-3-METHYL-4-PHENYL-4-PROPIONYLOXYPIPERIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3D17F12J30 scu-mus LD50:170 mg/kg YKKZAJ 82,1145,62

TN7750000 4-PIPERIDINOL, 3-METHYL-2-(4-PHENYL-1,3-BUTADIENYL)-, (E,E)-trans-2,3-trans-2,4-
UPDT 8309 CAS: 27542-56-9 MW: 243.38 MOLFM: C16-H21-N-O
SYN: DIENOMYCIN C * 4-HYDROXY-3-METHYL-2-(4-PHENYLBUTADIENYL)PIPERIDINE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:45 mg/kg 85ERAY 1,819,78

TN7760000 4-PIPERIDINOL, 3-METHYL-2-(4-PHENYL-1,3-BUTADIENYL)-, ACETATE (ester) (E,E)-trans-2,3-trans-2,4-
UPDT 8309 CAS: 27542-55-8 MW: 285.42 MOLFM: C18-H23-N-O2
SYN: 4-ACETOXY-3-METHYL-2-(4-PHENYLBUTADIENYL)PIPERIDINE * DIENOMYCIN B

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:360 mg/kg 85ERAY 1,819,78

TN7846000 3-PIPERIDINOL, N-NITROSO-
UPDT 8401 CAS: 55556-85-9 MW: 130.17 MOLFM: C5-H10-N2-O2
SYN: N-NITROSO-3-HYDROXYPIPERIDINE * NITROSO-3-PIPERIDINOL

MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate MUREAV 56,131,77

TUMORIGENIC DATA AND REFERENCES:
3V03D09K60 orl-rat TDLo:1666 mg/kg/36W-I JNCIAM 55,705,75

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TN7848000 4-PIPERIDINOL, N-NITROSO-
UPDT 8401 CAS: 55556-93-9 MW: 130.17 MOLFM: C5-H10-N2-O2
SYN: N-NITROSO-4-HYDROXYPIPERIDINE * NITROSO-4-PIPERIDINOL

MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate MUREAV 56,131,77

TUMORIGENIC DATA AND REFERENCES:
3V03D09L60 orl-rat TDLo:1666 mg/kg/36W-I JNCIAM 55,705,75

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TN7860000 4-PIPERIDINOL, 1-PHENETHYL-, 3,4,5-TRIMETHOXYBENZOATE, HYDROCHLORIDE
UPDT 8310 CAS: 3684-25-1 MW: 437.00 MOLFM: C23-H30-N-O5 Cl-H
SYN: BENZOIC ACID, 3,4,5-TRIMETHOXY-, 1-PHENETHYL-4-PIPERIDINYL ESTER, HYDROCHLORIDE * 1-PHENETHYL-4-PIPERIDYL 3,4,5-TRIMETHOXYBENZOATE HYDROCHLORIDE

TOXICITY DATA AND REFFRENCES:
ipr-mus LD50:100 mg/kg JMCMAR 7,319,64

TN7860010 4-PIPERIDINOL, 1-(3-PHENOTHIAZIN-10-YLPROPYL)-
UPDT 8308 CAS: 17338-37-3 MW: 340.52 MOLFM: C20-H24-N2-O-S
SYN: COMPOUND 22 * 1-(3-PHENOTHIAZIN-10-YLPROPYL)-4-PIPERIDINOL

TOXICITY DATA AND REFERENCES:
1F25 scu-mus LD50:350 mg/kg AIPTAK 149,374,64

TN7860030 4-PIPERIDINOL, 1-(3-PHENOXAZIN-10-YLPROPYL)-
UPDT 8308 MW: 324.46 MOLFM: C20-H24-N2-O2
SYN: 1-(3-PHENOXAZIN-10-YLPROPYL)-4-PIPERIDINOL

TOXICITY DATA AND REFERENCES:
1F25 scu-mus LD50:480 mg/kg AIPTAK 149,374,64

TN7861000 4-PIPERIDINOL, 1,1'-((2-PHENYL-1,3-INDOLIZINEDIYL)BIS(METHYLENE))BIS(4-PHENYL-
UPDT 8408 CAS: 58892-65-2 MW: 571.82 MOLFM: C38-H41-N3-O2
SYN: CDRI 71-153 * 1,1'-((2-PHENYL-1,3-INDOLIZINEDIYL)BIS(METHYLENE))BIS(4-PHENYL-4-PIPERIDINOL)

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg IJEBA6 14,38,76

4-PIPERIDINOL, 4-PHENYL-1,2,5-TRIMETHYL-, PROPIONATE see: TN8000000

TN7875000 4-PIPERIDINOL, 2,2,6-TRIMETHYL-, BENZOATE (ester)
UPDT 8306 CAS: 500-34-5 MW: 247.37 MOLFM: C15-H21-N-O2
SYN: beta-EUCAINE

TOXICITY DATA AND REFERENCES:
* ivn-rat LDLo:15 mg/kg 85ESA3 9,510,76
* ivn-cat LDLo:10 mg/kg PHREA7 12,190,32
* scu-rbt LDLo:400 mg/kg PHREA7 12,190,32
* ipr-gpg LDLo:18 mg/kg PHREA7 12,190,32
scu-gpg LDLo:310 mg/kg PHREA7 12,190,32
* ivn-gpg LDLo:30 mg/kg PHREA7 12,190,32

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PHREA7 12,190,32

TN8000000 4-PIPERIDINOL, 1,2,5-TRIMETHYL-4-PHENYL-, PROPIONATE (ester)
UPDT 8309 CAS: 64-39-1 MW: 275.43 MOLFM: C17-H25-N-O2
SYN: ISOPROMEDOL * 4-PIPERIDINOL, 4-PHENYL-1,2,5-TRIMETHYL-, PROPIONATE * PROMEDOL * TRIMEPERIDINE * 1,2,5-TRIMETHYL-4-PHENYL-4-PIPERIDINOL, PROPIONATE (ester) * 1,2,5-TRIMETHYL-4-PHENYL-4-PROPIONOXYPIPERIDINE

TOXICITY DATA AND REFERENCES:
1F29 scu-rat LD50:38 mg/kg PCJOAU 14,850,80
ivn-rat LD50:22 mg/kg PCJOAU 8,189,74
* unk-rat LD50:33 mg/kg FATOAO 43(1),23,80
1F06 ipr-mus LD50:137 mg/kg PCJOAU 10,1193,76
* scu-mus LD50:200 mg/kg PCJOAU 10,1193,76
ivn-mus LD50:38 mg/kg RPTOAN 31,318,68

2-PIPERIDINOMETHYL-1,4-BENZODIOXAN HYDROCHLORIDE see: TM4550000
5-(m-(PIPERIDINOMETHYL)BENZOYL)-10,11-DIHYDRC-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE see: HO0890000
5-(o-(PIPERIDINOMETHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE see: HO0890010
5-(p-(PIPERIDINOMETHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE see: HO0890020
PIPERIDINOMETHYLCYCLOHEXANE CHLORHYDRATE SALT see: TM6607000
2-(PIPERIDINOMETHYL)DIBENZ(2,3:6,7)-3a,12b-DIHYDROOXEPIN(4,5-d)-1,3-DIOXOLANE see: HQ4236000
2-(PIPERIDINOMETHYL)-3a,12b-DIHYDRODIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE see: HQ4236000
PIPERIDINOMETHYL-4 DIPHENYLAMINE (French) see: TM4291000
2-(1-PIPERIDINOMETHYL)HEXAHYDRO-1-INDANONE HYDROCHLORIDE see: NK7537400
3-PIPERIDINOMETHYL-4-HYDROXYBIPHENYL see: DV7660000 (1,1'-BIPHENYL)-4-OL, 3-(1-PIPERIDINYLMETHYL)-
2-PIPERIDINOMETHYL-INDANON-2 (German) see: NK7538400
2-(PIPERIDINO)METHYL-1-INDANONE see: NK7538400
3-(4-PIPERIDINOMETHYL) INDOLE see: NM1308000
N-PIPERIDINOMETHYL OXYCARBONYLE-3 SPIROLACTONE CHLORHYDRATE (French) see: RP3675350
1-PIPERIDINO-2-METHYL-3-(p-TOLYL)-3-PROPANONE see: UH1575000
1-PIPERIDINO-2-METHYL-3-(p-TOLYL)-3-PROPANONE HYDROCHLORIDE see: UH1575500

TN8987000 4-PIPERIDINONE, 1-BENZYL-3-((2-ETHYL-1H-INDOL-3-YL)METHYL)-
UPDT 8408 CAS: 37125-97-6 MW: 346.51 MOLFM: C23-H26-N2-O
SYN: N-BENZYL-3-(2'-ETHYL-3'-INDOLYL)METHYL-4-PIPERIDONE * ICIG 865

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:950 mg/kg BIMDB3 21,101,74

TN8988000 4-PIPERIDINONE, 1-BENZYL-3-(1H-INDOL-3-YLMETHYL)-
UPDT 8408 CAS: 52336-92-2 MW: 318.45 MOLFM: C21-H22-N2-O
SYN: N-BENZYL-3-(2'-ETHYL-3'-INDOLYL)METHYL-4-PIPERIDONE * ICIG 864

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:850 mg/kg BIMDB3 21,101,74

TN8990000 4-PIPERIDINONE, N-NITROSO-
UPDT 8401 CAS: 55556-91-7 MW: 128.15 MOLFM: C5-H8-N2-O2
SYN: NITROSO-4-PIPERIDINONE * NITROSO-4-PIPERIDONE * 4-PIPERIDONE, 1-NITROSO-

MUTATION DATA AND REFERENCES:
mmo-sat 200 ug/plate MUREAV 56,131,77
mma-sat 100 mmol/L MUREAV 57,85,78

TUMORIGENIC DATA AND REFERENCES:
3V03D09L60 orl-rat TDLo:1640 mg/kg/36W-I JNCIAM 55,705,75

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

beta-PIPERIDINO-p-OCTANOPHENETIDIDE see: RH1552000
6-((p-PIPERIDINOPHENYL)AZO)BENZOTHIAZOLE see: DL5992000
3-PIPERIDINO-1-PHENYL-1-BICYCLOHEPTENYL-1-PROPANOL see: TN3675000
3-PIPERIDINO-1-PHENYL-1-BICYCLO(2.2.1)HEPTEN-(5)-YL-PROPANOL-(1) (German) see: TN3675000
PIPERIDINO 3-PIPERIDYL KETONE see: OB6420000
3-PIPERIDINO-1,2-PROPANEDIOL 1-CARBANILATE HYDROCHLORIDE see: TZ1090000
3-PIPERIDINO-1,2-PROPANEDIOL DICARBANILATE HYDROCHLORIDE see: TZ1101000
alpha,beta-PIPERIDINOPROPANEDIOL, alpha-PHENYLCARBAMATE, HYDROCHLORIDE see: TZ1090000
p-(2-PIPERIDINOPROPIONAMIDO)BENZOIC ACID ETHYL ESTER HYDROCHLORIDE see: DH6479000 BENZOICACID, p-(2-PIPERIDINOPROPIONAMIDO)-, ETHYL ESTER, HYDROCHLORIDE
3-(p-(3-PIPERIDINOPROPIONYL)ANILINO)PHTHALAMIDINE see: TI5696100 PHTHALIMIDINE, 3-(p-(3-PIPERIDINOPROPIONYL)ANILINO)-
1-(beta-PIPERIDINOPROPIONYL)-3-(4'-BROMOPHENYL)-1,2,3,4-TETRAHYDROQUINAZOLIN-4-ONE see: VA3117050
3-PIPERIDINO-4'-PROPOXYPROPIOPHENONE HYDROCHLORIDE see: UH4420000
N-(2-PIPERIDINOPROPYL)CARBANILIC ACID ETHYL ESTER see: FD9779500 CARBANILIC ACID, N-(2-PIPERIDINOPROPYL)-, ETHYL ESTER
N-(2-PIPERIDINOPROPYL)ETHANESULFONANILIDE see: KI7344000 ETHANESULFONANILIDE, N-(2-PIPERIDINOPROPYL)-
10-(N-(3-PIPERIDINOPROPYL)GLYCYL)PHENOTHIAZINE DIMALEATE see: SP4160000
10-(3-PIPERIDINOPROPYL)-PHENOTHIAZINE see: SP4140000
10-(3-PIPERIDINOPROPYL)-PHENOXAZINE see: SP7687400
3-PIPERIDINO-4'-(PROPYLSELENO)PROPIOPHENONE HYDROCHLORIDE see: UH4421000
N-(2-PIPERIDINOPROPYL)-N-(2-THIENYL)PROPIONAMIDE OXALATE see: UE4529470
2-PIPERIDINO-4,6(1H,5H)-PYRIMIDINEDIONE see: UV9104700
2,2',2'',2'''-((4-PIPERIDINOPYRIMIDO(5,4-d)PYRIMIDINE-2,6-DIYL)DINITRILO)TETRAETHANOL see: KM2675000
1-PIPERIDINO-2,2,2-TRIFLUORO-1-(TRIFLUOROMETHYL)ETHANOL HYDRATE see: KM2700000
4-N-PIPERIDINYLAZOBENZENE see: TN2268000
3-(2-(4-PIPERIDINYL)ETHYL)-1H-INDOLE HYDROCHLORIDE see: NM1304000
PIPERIDINYLETHYLMORPHINE see: QD1595000
6-(1-PIPERIDINYL)-2-HEXYN-1-OL HYDROCHLORIDE see: MR0182370
3-(1-PIPERIDINYLMETHYL)(1,1'-BIPHENYL)-4-OL see: DV7660000 (1,1'-BIPHENYL)-4-OL, 3-(1-PIPERIDINYLMETHYL)-
3-(4-PIPERIDINYLMETHYL)-1H-INDOLE see: NM1308000

TN9792000 1-PIPERIDINYLOXY, 4-((1-(4-((3-AMINO-2,3,6-TRIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-1,2,3,4, 6,11-HEXAHYDRO-2,5,12-TRIHYDROXY-7-METHOXY-6,11-DIOXO-2-NAPHTHACENYL)ETHYLIDENE)HYDRAZONO)- 2,2,6,6-TETRAMETHYL-, (2S-(2-alpha,4-alpha))-
UPDT 8406 CAS: 84412-94-2 MW: 693.85 MOLFM: C36-H45-N4-O10

SYN: RUBOXYL 1

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:44 mg/kg ANTBAL 27,811,82

TN9793000 1-PIPERIDINYLOXY, 4-(2-(2-(4-((3-AMINO-2,3,6-TRIDEOXY-alpha-L-lyxo-HEXOPYRANOSYL)OXY)-1,2, 3,4,6,11-HEXAHYDRO-2,5,12-TRIHYDROXY-7-METHOXY-6,11-DIOXO-2-NAPHTHACENYL)-2-OXOETHOXY)- 2-OXOETHYL)-2,2,6,6-TETRAMETHYL-, (2S-cis)-

UPDT:8406 CAS: 84333-22-2 MW: 739.87 MOLFM: C38-H47-N2-O13

SYN: RUBOXYL-2

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:40 mg/kg ANTBAL 27,811,82

alpha-(5-(1-PIPERIDINYL)-1-PENTYNYL)BENZENEMETHANOL HYDROCHLORIDE see: DP0830000

alpha-(5-(1-PIPERIDINYL)-1-PENTYNYL)BENZYL ALCOHOL HYDROCHLORIDE see: DP0830000

1-(5-(1-PIPERIDINYL)-1-PENTYNYL)CYCLOHEXANOL HYDROCHLORIDE see: GW0763000

6-(4-N-PIPERIDINYLPHENYL)AZOBENZOTHIAZOLE see: DL5992000

3-(2-PIPERIDINYL)PYRIDINE see: BV4375000

6-(1-PIPERIDINYL)-2,4-PYRIMIDINEDIAMINE 3-OXIDE see: UV8200000

PIPERIDON (German) see: TO0110000

TO0110000 2-PIPERIDONE

UPDT:8305 CAS: 675-20-7 MW: 99.15 MOLFM: C5-H9-N-O

SYN: PIPERIDON (German) * PIPERIDONE-2 (French)

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:600 mg/kg AIPTAK 93,143,53

scu-frg LDLo:3000 mg/kg AEXPBL 50,199,1903

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

PIPERIDONE-2 (French) see: TO0110000

TO0116700 4-PIPERIDONE, 1-((4,4-DIMETHYL-4H-1,3-BENZOTHIAZIN-2-YL)METHYL)-3-METHYL-, HYDROCHLORIDE

UPDT:8305 MW: 326.92 MOLFM: C16-H22-N2-O-S .Cl-H

SYN: 1-((4,4-DIMETHYL-4H-1,3-BENZOTHIAZIN-2-YL)METHYL)-3-METHYL-4-PIPERIDONE HYDROCHLORIDE * 2-(4'-OXO-3'-METHYLPIPERIDINO)METHYL-4,4-DIMETHYL-4H-1,3-BENZOTHIAZINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2A11F17 ipr-mus LD50:150 mg/kg RPTOAN 45,64,82

4-PIPERIDONE, 1-NITROSO- see: TN8990000

alpha-(2-PIPERIDYL)BENZHYDROL see: TN0420000

alpha-(2-PIPERIDYL)BENZHYDROL HYDROCHLORIDE see: TN0875000

alpha-(4-PIPERIDYL)BENZHYDROL HYDROCHLORIDE see: TN0925000

4'-(1-PIPERIDYLCARBONYLMETHOXY)ACETOPHENONE OXIME see: AM9700000

3-(1-PIPERIDYL)-1-CYCLOHEXYL-1-PHENYL-1-PROPANOL HYDROCHLORIDE see: TN2625000

alpha-PIPERIDYL 6,8-DICHLORO-2-PHENYL-4-QUINOLINE METHANOL HYDROCHLORIDE see: VC0309000

3-(N-PIPERIDYL)-1,1-DIPHENYL-1-PROPANOL HYDROCHLORIDE see: TN2856000

alpha-(2-PIPERIDYLETHYL) BENZHYDROL HYDROCHLORIDE see: TN2856000

2-(beta-N-PIPERIDYLETHYL)-4,4-DIPHENYL-1,3-DIOXOLAN-5-ONE HYDROCHLORIDE see: JI4580000

2-PIPERIDYLETHYL DIPROPYLPHOSPHORATE see: TC5620000

(beta-PIPERIDYL-N'-ETHYL)-N-ETHYL-AMINOACETYL-10-PHENOTHIAZINE DIMALEATE see: SP0218000

PIPERIDYLETHYL METHACRYLATE see: OZ5240000 METHACRYLIC ACID, 2-PIPERIDINOETHYL ESTER

beta-(N-PIPERIDYL)ETHYL METHACRYLATE see: OZ5240000 METHACRYLIC ACID, 2-PIPERIDINOETHYLESTER

2-(N-PIPERIDYL)ETHYL METHACRYLATE see: OZ5240000 METHACRYLIC ACID, 2-PIPERIDINOETHYL ESTER

2-(1-PIPERIDYL)ETHYL METHACRYLATE see: OZ5240000 METHACRYLIC ACID, 2-PIPERIDINOETHYL ESTER

2-(1-PIPERIDYLMETHYL)-1,4-BENZODIOXAN HYDROCHLORIDE see: TM4550000

3-(PIPERIDYL-(2)-METHYL) INDOLE see: NM1306000

4-(1-PIPERIDYL)-1,2,2,6,6-PENTAMETHYL-4-PIPERIDINECARBOXAMIDE see: TM6112000

3-(1-PIPERIDYL)-1,2-PROPANEDIOL DICARBANILATE HYDROCHLORIDE see: TZ1101000

L-3-(2'-PIPERIDYL)PYRIDINE see: BV4375000

4-(1-PIPERIDYL)-2,2,6,6-TETRAMETHYL-4-PIPERIDINECARBOXAMIDE see: TM6113000

8-(2-PIPERIDYL)THEOPHYLLINE HYDROCHLORIDE see: XH6487400

8-(3-PIPERIDYL)THEOPHYLLINE HYDROCHLORIDE see: XH6487600

8-(4-PIPERIDYL)THEOPHYLLINE HYDROCHLORIDE see: XH6487700

PIPERIN see: TN2321500

PIPERINE see: TN2321500

PIPERITONE see: OT0257000

TO1183000 PIPER LONGUM, fruit extract

UPDT:8405

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:700 mg/kg (1-7D preg) IJSIDW 40,113,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PIPEROCAINE see: TN3320000

PIPEROCAINE HYDROCHLORIDE see: TN3325000

PIPEROCAINIUM CHLORIDE see: TN3325000

TO1484000 PIPER OFFICINARUM, fruit extract

UPDT:8407

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:1400 mg/kg (1-7D preg) IJSIDW 40,113,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TO1575000 PIPERONAL

UPDT:8406 CAS: 120-57-0 MW: 150.14 MOLFM: C8-H6-O3

SYN: BENZALDEHYDE, 3,4-(METHYLENEDIOXY)- * 1,3-BENZODIOXOLE-5-CARBOXALDEHYDE * 3,4-DIHYDROXYBENZALDEHYDE METHYLENE KETAL * DIOXYMETHYLENE-PROTOCATECHUIC ALDEHYDE * HELIOTROPIN * HELIOTROPINE * 3,4-METHYLENE-DIHYDROXYBENZALDEHYDE * 3,4-METHYLENEDIOXYBENZALDEHYDE * PIPERONALDEHYDE * PIPERONYL ALDEHYDE * PROTOCATECHUIC ALDEHYDE METHYLENE ETHER

IRRITATION DATA AND REFERENCES:

skn-hmn 100% FCTXAV 12,907,74

TOXICITY DATA AND REFERENCES:

orl-rat LD50:2700 mg/kg TXAPA9 6,378,64

ipr-rat LDLo:1500 mg/kg RMSRA6 16,449,1896

2J25J30 ipr-mus LD50:480 mg/kg JAPMA8 43,370,54

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

PIPERONAL BIS(2-(2-BUTOXYETHOXY)ETHYL)ACETAL see: DF4911000

PIPERONALDEHYDE see: TO1575000

PIPERONYL see: DW1050000

PIPERONYL ACETATE see: AI9050000

PIPERONYL ACETONE see: EL9130000

PIPERONYL ALCOHOL, alpha-VINYL- see: DF4920000

PIPERONYL ALDEHYDE see: TO1575000

TO2201000 PIPERONYLAMINE, N-PHENETHYL-, HYDROCHLORIDE

UPDT:8402 MW: 291.80 MOLFM: C16-H17-N-O2 .Cl-H

SYN: CHLORHYDRATE de N-PIPERONYL beta-PHENETHYLAMINE (French) * N-PHENETHYLPIPERONYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:41 mg/kg APFRAD 13,249,55

PIPERONYL BUTOXIDE see: XS8050000

PIPERONYL CYCLONENE see: GW7200000

PIPERONYLIC ACID AMIDE of PYRROLIDINYL see: UY1422040

4-PIPERONYL-1-PIPERAZINEACETIC ACID cis-(2-OXO-3-INDOLINYLIDENE)HYDRAZIDE HYDROCHLORIDE see: TK7908500

2-(4-PIPERONYL-1-PIPERAZINYL)PYRIMIDINE see: UV9704000

PIPERONYL SULFOXIDE see: DA3775000

1-PIPERONYL-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)PIPERAZINE see: TM2648000

(E,E)-1-PIPERONYL-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)-PIPERAZINE see: TM2648010

(E,Z)-1-PIPERONYL-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)-PIPERAZINE see: TM2648020

(Z,E)-1-PIPERONYL-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)-PIPERAZINE see: TM2648030

(Z,Z)-1-PIPERONYL-4-(3,7,11-TRIMETHYL-2,6,10-DODECATRIENYL)-PIPERAZINE see: TM2648040

PIPEROPHOS see: TE3690000

PIPEROXANE HYDROCHLORIDE see: TM4550000

PIPEROXAN HYDROCHLORIDE see: TM4550000

PIPEROXIME see: MD4380000

1-PIPEROYLPIPERIDINE see: TN2321500

TO3985000 PIPER PAEULOIDES Wall., extract excluding roots

DEF:Indian plant belonging to the family PIPERACEAE (IJEBA6 16,228,78)

UPDT:8412

TOXICITY DATA AND REFERENCES:

1F12 ipr-rat LD50:250 mg/kg IJEBA6 16,228,78

TO3990000 PIPER PEEPULOIDES, leaf extract

UPDT:8407

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:1400 mg/kg (1-7D preg) IJSIDW 40,113,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PIPERSAL see: NS5775000

TO4030000 PIPER SYLVATICUM Roxb., extract excluding roots

DEF:Indian plant belonging to the family PIPERACEAE (IJEBA6 12,512,74)

UPDT:8303

TOXICITY DATA AND REFERENCES:

1M10 ipr-mus LD50:94 mg/kg IJEBA6 12,512,74

TO4035000 PIPER TRACHYSTACHYUM Wall., extract excluding roots

DEF:Indian plant belonging to the family PIPERACEAE (IJEBA6 16,228,78)

UPDT:8412

TOXICITY DATA AND REFERENCES:

1H02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

PIPERYLENE see: RZ2464000

PIPIZAN see: TL3485000

PIPIZAN CITRATE SYRUP see: TL3485000

PIPOLPHEN see: SO6825000

PIPOXOLAN HYDROCHLORIDE see: JI4580000

PIPRACIL see: XI0180000

PIPRADOL see: TN0420000

alpha-PIPRADOL see: TN0420000

gamma-PIPRADOL see: TN0925000

PIPRADOL HYDROCHLORIDE see: TN0875000

PIPRADROL see: TN0420000

PIPRADROL HYDROCHLORIDE see: TN0875000

PIPRAM see: UV1153800

PIPRIL see: XI0180000

PIPRINHYDRINATE see: XH5085000

PIPROCURARIUM IODIDE see: TN4700630

PIPROFUROL see: DF6845120

PIPRON see: DG7700000

PIPROTAL see: DF4911000

PIPROZOLIN see: XJ5131750

PIPROZOLINE see: XJ5131750

TO4955000 PIPTANTHES NEPALENSIS D. Don, extract excluding roots

DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)

UPDT:8412

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

PIRABUTINA see: UQ8400000

PIRACAPS see: QI9100000

PIRACETAM see: UX9660500

PIRAFLOGIN see: UQ8400000

PIRAMIDON see: CD2625000

PIRAMOX see: XH8300000

PIRARREUMOL 'B' see: UQ8225000

PIRAZETAM see: UX9660500

PIRAZINON see: TF5650000

PIRBUTEROL DIHYDROCHLORIDE see: US9105000

PIRCAN see: VO0710000

PIRECIN see: RO0689000

PIRENZEPINE HYDROCHLORIDE HYDRATE see: UU7883500

PIRETANIDE see: DG3102000

PIRETRINA 1 (Portuguese) see: GZ1725000

PIREVAN see: VC4022500

PIREXYL PHOSPHATE see: TN1304400

PIRIA'S ACID see: QK1270000

PIRIBEDIL see: UV9704000

PIRIBEDIL MESYLATE see: UV9707500

PIRIBEDIL METHANESULFONATE see: UV9707500

PIRIBEDIL METHYLSULFONATE see: UV9707500

PIRIBEDIL MONOMETHANESULFONATE see: UV9707500

PIRIBEDIL MONOMETHYLSULFONATE see: UV9707500

PIRIBENZIL see: US2800000

PIRIBENZIL METHYL SULFATE see: TN5930070

PIRID see: US7700000

PIRID see: US7875000

PIRIDACIL see: US7875000

PIRIDAZOL see: DA9625000

PIRIDINA (Italian) see: UR8400000

N(sup 1)-(2-PIRIDINMETIL)-N(sup 1)-beta-DIETILAMMINOETILSOLFANIL see: WO8985000

N(sup 1)-(3-PIRIDINMETIL)-N(sup 1)-beta-DIETILAMMINOETILSOLFANILAMMIDE DICLORIDRATO see: WO8986000

N(sup 1)-(4-PIRIDINMETIL)-N(sup 1)-beta-DIETILAMMINOETILSOLFANILAMMIDE DICLORIDRATO see: WO8987000

PIRIDINOL CARBAMATO (Spanish) see: FC7530000

PIRIDISIR see: WP1925000

PIRIDOCAINE HYDROCHLORIDE see: CB3900000

PIRIDOL see: CD2625000

PIRIDOLAN see: DW1012000

PIRIDOLO see: WP0400000

PIRIDOSAL see: NS5775000

PIRIDOSAL see: NS5950000

PIRIDROL see: TN0420000
PIRIDROL HYDROCHLORIDE see: TN0875000
PIRIEX see: US6475000
PIRIFIBRATE HYDROCHLORIDE see: UE9503000
PIRIMAL-M see: WP0750000
PIRIMECIDAN see: UV8140000
PIRIMETAMINA (Spanish) see: UV8140000
PIRIMICARB see: EZ9100000
PIRIMIFOSETHYL see: TF1610000
PIRIMIFOSMETHYL see: TF1410000
PIRIMIPHOS-ETHYL see: TF1610000
PIRIMIPHOS-METHYL see: TF1410000
PIRIMOR see: EZ9100000
PIRINITRAMIDE see: DW1012000
PIRINIXIL see: AB5860000
PIRISTIN see: US3150000
PIRITON see: US6475000
PIRITRAMIDE see: DW1012000
PIRMAZIN see: WO9275000
PIROAN see: KK7450000
PIROCARD GREEN 491 see: SM8300000
PIROD see: YQ8650000
PIRODAL see: UV1153900
PIROFOS see: XN4375000
PIROHEPTINE see: UY0869000
PIROHEPTINE HYDROCHLORIDE see: UY0870000
PIROMIDIC ACID see: UV1153900
PIROMIDINA see: CD2625000
PIROSOLVINA see: CV4900000
PIROXICAM see: DL0705000
alpha-PIRROLIDINO-3-TRIFLUOROMETIL-BUTIRROANILIDE (Italian) see: UX9663400
PIRROXIL see: UX9660500
PIRVINIUM PAMOATE see: VC3543500
PIRYDYNA (Polish) see: UR8400000
PISA LEAF EXTRACT (Indian) see: AU0180000

TO6895500 PISCIDIA ERYTHRINA L., root bark extract
DEF:Extracted by lixiviation with alcohol of the root bark of PISCIDIA ERYTHRINA L.(APFRAD 23,251,65)
UPDT:8309
TOXICITY DATA AND REFERENCES:
3F04F17J22 ipr-mus LD50:3750 mg/kg APFRAD 23,251,65
3F04F17J22 ivn-mus LDLo:1500 mg/kg APFRAD 23,251,65

PISICHERGINA see: SH5075000

TO6930000 PISONIA ACULEATA L., leaf and stem extract
DEF:Jamaican plant belonging to the family NYCTAGINACEAE (JPPMAB 16,115,64)
UPDT:8403
TOXICITY DATA AND REFERENCES:
1H01 ipr-mus LDLo:20 gm/kg JPPMAB 16,115,64

PISTAC CC see: UD1842000
PISTAC L see: UD1842000
PISUM SATIVUM OIL see: RI9759000
PITAYINE see: VA4725000
PITCH see: GF8655000
PITCHBLENDE see: YR3400000
PITCH, COAL TAR see: GF8655000

TO7099000 PITHECELLOBIUM JIRINGA, stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg CPBTAL 13,882,65

TO7100000 PITHECOLOBIUM ANGULATUM Benth., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 9,91,71)
UPDT:8202
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

TO7110000 PITHECOLOBIUM BIGEMINUM Mart., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:375 mg/kg IJEBA6 15,208,77

TO7120000 PITHECOLOBIUM DULCE Benth., stem bark extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 9,91,71)
UPDT:8302
SYN: JANGAL-JILEBI STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 9,91,71

PITMAL see: RQ2100000
PITOCIN see: RS7534000
PITON S see: RS7534000
PITTCHLOR see: NH3485000
PITTCIDE see: NH3485000
PITTCLOR see: NH3485000

TO7319000 PITTOSPORUM FLORIBUNDUM W. & A., bark extract
DEF:Indian plant belonging to the family PITTOSPORACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:250 mg/kg IJEBA6 16,228,78

TO7320000 PITTOSPORUM FLORIBUNDUM Wt. & Arn., extract excluding roots
DEF:Indian plant belonging to the family PITTOSPORACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: RAKAMUKI, extract
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:22 mg/kg IJEBA6 15,208,77

TO7330000 PITTOSPORUM NILGHIRENSE W. & A., extract excluding roots
DEF:Indian plant belonging to the family PITTOSPORACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:62500 ug/kg IJEBA6 12,512,74

PITTSBURGH PX-138 see: TI0350000
PITUITARY GLAND ADRENO CORTICO-TROPIC HORMONE see: GM7900000

TO7385000 PITUITARY GROWTH HORMONE
UPDT:8408 CAS: 9002-72-6
SYN: ADENOHYPOPHYSEAL GROWTH HORMONE * ANTERIOR PITUITARY GROWTH HORMONE * GH * GROWTH HORMONE * HORMONE SOMATOTROPE (French) * HYPOPHYSEAL GROWTH HORMONE * PHYOL * PHYONE * SOMACTON * SOMATOTROPHIC HORMONE * SOMATOTROPHIN * SOMATOTROPIC HORMONE * SOMATOTROPIN * STH
MUTATION DATA AND REFERENCES:
cyt-mus-ipr 31 mg/kg/5D RRENAR 10,311,73
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T86 scu-rat TDLo:10 mg/kg (1-22D preg) ACENA7 14,181,53
1T15 scu-rat TDLo:170 mg/kg (3-19D preg) PSEBAA 118,181,65
1T85 scu-rat TDLo:10 mg/kg (3-22D preg) NATUAS 205,1136,65
2T41T81 scu-rat TDLo:208 mg/kg (7-19D preg) JOENAK 22,183,61
1T41 scu-rat TDLo:180 mg/kg (7-20D preg) SCIEAS 152,1396,66
1T16 scu-rat TDLo:210 mg/kg (7-20D preg) SCIEAS 189,648,75
1T41 ivn-rat TDLo:180 mg/kg (7-20D preg) SCIEAS 152,1396,66
3T16T34T71 unk-rat TDLo:700 mg/kg (3-16D preg) COREAF 240,455,55
1T44 par-mus TDLo:400 mg/kg (14D preg) CRSBAW 162,1473,68
TUMORIGENIC DATA AND REFERENCES:
3V01J60P62 ipr-rat TDLo:3600 mg/kg/69W-I CNREA8 10,297,50
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PITUITARY LACTOGENIC HORMONE see: TW2895000
PITUITARY LUTEINIZING HORMONE see: OK6367000
PITUITROPE see: WJ6968000
PIVACIN see: NK6300000
PIVADORM see: YS3150000
PIVADORN see: YS3150000
PIVAL see: NK6300000
4-PIVALAMIDO-BUTYRIC ACID see: ET6170000
PIVALDION (Italian) see: NK6300000
PIVALDIONE (French) see: NK6300000

TO7700000 PIVALIC ACID
UPDT:8401 CAS: 75-98-9 MW: 102.15 MOLFM: C5-H10-O2
SYN: ACETIC ACID, TRIMETHYL- * 2,2-DIMETHYLPROPANOIC ACID * alpha,alpha-DIMETHYLPROPIONIC ACID * 2,2-DIMETHYLPROPIONIC ACID * NEOPENTANOIC ACID * tert-PENTANOIC ACID * PROPANOIC ACID * PROPIONIC ACID, 2,2-DIMETHYL- * TRIMETHYLACETIC ACID
TUMORIGENIC DATA AND REFERENCES:
3V03J60R60 skn-mus TDLo:188 mg/kg/47W-I CALEDQ 17,61,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:900 mg/kg 37ASAA 4,863,78
* skn-rat LD50:1900 mg/kg 37ASAA 4,863,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TO7874000 PIVALIC ACID, 2-BENZYLHYDRAZIDE
UPDT:8308 CAS: 306-19-4 MW: 206.32 MOLFM: C12-H18-N2-O
SYN: N-BENZYL PIVALHYDRAZIDE * BETAMEZID * BETAMEZIDE * PIVALOYLBENZYLHYDRAZINE * PIVALYLBENZHYDRAZINE * PIVALYL BENZYLHYDRAZINE * PIVAZID * PIVHYDRAZINE * PROPANOIC ACID, 2,2-DIMETHYL-, 2-(PHENYLMETHYL)HYRAZIDE * RO 4-1634 * TERSAVID * TERSAVIDE
MUTATION DATA AND REFERENCES:
oms-bcs 10 mmol/L MUREAV 5,343,68

PIVALIC ACID CHLORIDE see: AO7200000

TO7876600 PIVALIC ACID, HEXYL ESTER
UPDT:8401 CAS: 5434-57-1 MW: 186.33 MOLFM: C11-H22-O2
SYN: HEXYL NEOPENTANOATE * PROPANOIC ACID, 2,2-DIMETHYL-, HEXYL ESTER (9CI) * PROPANOIC ACID, 2,2-DIMETHYL-, n-HEXYL ESTER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),723,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PIVALIC ACID LACTONE see: RQ7525000

TO7882000 PIVALIC ACID, 2-PIPERIDINOETHYL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 24589-60-4 MW: 249.82 MOLFM: C12-H23-N-O2 .Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:272 mg/kg CHTPBA 4,103,69

PIVALOLACTONE see: RQ7525000
PIVALOLYL CHLORIDE see: AO7200000

TO7944000 PIVALOPHENONE, 4'-METHYL-
UPDT:8403 CAS: 30314-44-4 MW: 176.28 MOLFM: C12-H16-O
SYN: 2,2-DIMETHYL-1-(4-METHYLPHENYL)-1-PROPANONE * 4'-METHYLPIVALOPHENONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T23T26 orl-rat TDLo:420 mg/kg (7D male) PSEBAA 162,58,79
1T01 orl-rat TDLo:1680 mg/kg (28D male) PSEBAA 162,58,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

N-PIVALOYL-4-AMINOBUTYRIC ACID see: ET6170000
PIVALOYLBENZYLHYDRAZINE see: TO7874000
PIVALOYL CHLORIDE (BCI) see: AO7200000
PIVALOYL CHLORIDE (DOT) see: AO7200000
N-PIVALOYLDEACETYLCOLCHICINE see: UE4300000
2-PIVALOYL-INDAAN-1,3-DION (Dutch) see: NK6300000
2-PIVALOYL-INDAN-1,3-DION (German) see: NK6300000
2-PIVALOYL-1,3-INDANDIONE see: NK6300000
2-PIVALOYLINDANE-1,3-DIONE see: NK6300000
PIVALOYLOXYMETHYL D-alpha-AMINOBENZYLPENICILLINATE HYDROCHLORIDE see: XH8450000
PIVALOYLOXYMETHYL AMPICILLINATE see: XH8450000
PIVALYLBENZHYDRAZINE see: TO7874000
PIVALYL BENZYLHYDRAZINE see: TO7874000
PIVALYL CHLORIDE see: AO7200000
2-PIVALYL-1,3-INDANDIONE see: NK6300000
PIVALYL VALONE see: NK6300000
PIVALYN see: NK6300000
PIVAMPICILLIN HYDROCHLORIDE see: XH8450000
PIVATIL see: XH8450000
PIVAZID see: TO7874000
PIVHYDRAZINE see: TO7874000
PIVMECILLINAM HYDROCHLORIDE see: XI0187000
PIX see: TN4939200
PIXALBOL see: GF8600000
PIXIFENIDE see: AM9700000
PIYAK STEM BARK EXTRACT (Indian) see: BC7610000
PK 4 see: TQ9800000
PKA see: TQ9800000
PK-MERZ see: YD1925000
PKhNB see: DA6650000
P 4070L see: TQ3325000
PLACE-PAX see: TW3570000
PLACIDAL see: SC4900000
PLACIDAL see: SC5075000
PLACIDAS see: SC5075000
PLACIDEX see: RQ3500000
PLACIDIL see: SB4725000
PLACIDOL see: KK2275000
PLACIDOL E see: TI1050000
PLACIDON see: TZ0175000
PLACIDYL see: SB4725000
PLACITATE see: TZ0175000
PLAFIBRIDA (Spanish) see: TX1410000
PLAFIBRIDE see: TX1410000
PLANADALIN see: YS2975000
PLANAVIN see: BY6200000

PLANAVIN 75 see: BY6200000
PLANAVIT C see: CI7650000
PLANIUM see: TQ3325000
PLANOCAINE see: DG2275000
PLANOCHROME see: LM5250000
PLANOFIX see: QJ0875000
PLANOMIDE see: WP2360000
PLANOMYCIN see: UW7900000
PLANOTOX see: AG6825000

TO9729000 PLANTAGA EROSA Wall., extract
DEF:Indian plant belonging to the family PLANTAGINACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

TO9729500 PLANTAGA HIMALAICA Pilger, extract
DEF:Indian plant belonging to the family PLANTAGINACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1N22 ipr-mus LD50:375 mg/kg IJEBA6 18,594,80
PLANT DITHIO AEROSOL see: XN4375000
PLANTDRIN see: TC4375000
PLANTFUME 103 SMOKE GENERATOR see: XN4375000
PLANTGARD see: AG6825000
PLANTIFOG 160M see: OP0700000

TO9776500 PLANT LIPASE
DEF:Contains protein, ash, water, lipids, free amino acids, and polysaccharides(PCJOAU 13,906,74)
UPDT:8402
TOXICITY DATA AND REFERENCES:
3F17J26P01 ipr-rat LD50:630 mg/kg PCJOAU 13,906,79
3F17J26M30 ivn-rat LD50:104 mg/kg PCJOAU 13,906,79
3F17J26P01 ipr-mus LD50:833 mg/kg PCJOAU 13,906,79
3F17J26M30 ivn-mus LD50:127 mg/kg PCJOAU 13,906,79
3F17J26M30 ivn-gpg LD50:135 mg/kg PCJOAU 13,906,79
PLANTOMYCIN see: WK4990000
PLANT PIN see: EL9210000
PLANT PROTECTION PP511 see: TF1410000
PLANTULIN see: XY5300000
PLANTVAX see: RP4900000
PLANT WAX see: RP4900000
PLANUIN see: BY6200000
PLANUM see: DF1225000
PLASDONE see: TR8370000
PLASDONE K 29-32 see: TR8370000
PLASDONE XL see: TR8370000
PLASKIN 8200 see: TQ9800000
PLASKON 201 see: TQ9800000
PLASKON 8201 see: TQ9800000
PLASKON 8205 see: TQ9800000
PLASKON 8207 see: TQ9800000
PLASKON 8252 see: TQ9800000
PLASKON 8202C see: TQ9800000
PLASKON 8201HS see: TQ9800000
PLASKON PP 60-002 see: TQ3325000
PLASKON XP 607 see: TQ9800000
PLASMASTERIL see: WI0410000
PLASMOSAN see: TR8370000
PLASTANOX 2246 see: PA3500000
PLASTANOX 425 ANTIOXIDANT see: SL9800000
PLASTANOX LTDP see: UF8000000
PLASTANOX LTDP ANTIOXIDANT see: UF8000000
PLASTAZOTE X 1016 see: TQ3325000
PLASTIFIX PC see: EI9660000
PLASTOLEIN 9050 see: CM2100000
PLASTOLEIN 9051 see: CM2100000
PLASTOLEIN 9214 see: LH8024000
PLASTOLEIN 9051 DHNZ see: CM2100000
PLASTOMOLL DOA see: AU9700000
PLASTOPAL BT see: YU1610000
PLASTORESIN ORANGE F4A see: QL4900000
PLASTORESIN RED F see: QL5775000
PLASTORESIN VIOLET 5B0 see: BO9000000
PLASTRONGA see: TQ3325000
PLASTYLENE MA 2003 see: TQ3325000
PLASTYLENE MA 7007 see: TQ3325000

TP1335000 PLATENOCIDIN
UPDT:8309 CAS: 63952-47-6
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg 85GDA2 5,257,81
PLATENOMYCIN B1 see: OH4730600
PLATH-LYSE see: SM0175000
PLATIN (German) see: TP2160000
cis-PLATIN see: TP2450000

TP1364000 PLATINATE(1-), AMMINETRICHLORO-, ion
UPDT:8201 MW: 352.56 MOLFM: Cl3-H9-N3-Pt
SYN: AMMINETRICHLOROPLATINUM(1-)
MUTATION DATA AND REFERENCES:
pic-esc 1 ug/plate BBRCA9 90,209,79
REVIEW AND REFERENCES:
★ TLV-TWA 2 ug(Pt)/m3 DTLVS* 4,343,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug(Pt)/m3 FEREAC 39,23540,74

TP1364500 PLATINATE(1-), AMMINETRICHLORO-, AMMONIUM, (SP-4-2)-
UPDT:8311 CAS: 13820-94-5 MW: 336.53 MOLFM: Cl3-H3-N-Pt .H4-N
SYN: PLATIN B SALT
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/well ENMUDM 3,555,81

TP1365000 PLATINATE (2-), AMMINETRICHLORO-, DIPOTASSIUM
UPDT:8204 MW: 396.68 MOLFM: Cl3-H3-N-Pt .K2
SYN: POTASSIUM TRICHLOROAMMINEPLATINATE(II)
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate MUREAV 48,139,77
REVIEW AND REFERENCES:
★ TLV-TWA 2 ug(Pt)/m3 DTLVS* 4,343,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug(Pt)/m3 FEREAC 39,23540,74

TP1370000 PLATINATE (1-), AMMINETRICHLORO-, POTASSIUM
UPDT:8311 CAS: 13820-91-2 MW: 357.58 MOLFM: Cl3-H3-N-Pt .K
SYN: MAGNUS RED ANION SALT * PLATINATE(1-), AMMINETRICHLORO-, POTASSIUM (SP-4-2) * PLATINUM(II), AMMINE TRICHLOROPOTASSIUM * POTASSIUM, AMMINETRICHLOROPLATINATE (1-) * POTASSIUM, TRICHLOROAMMINEPLATINATE (2)
MUTATION DATA AND REFERENCES:
mmo-sat 25 ug/well ENMUDM 3,555,81
pic-esc 50 ug/plate CNREA8 43,2819,83
msc-ham:ovr 50 umol/L CNREA8 40,1463,80
REVIEW AND REFERENCES:
★ TLV-TWA 2 ug(Pt)/m3 DTLVS* 4,343,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug(Pt)/m3 FEREAC 39,23540,74

TP1380000 PLATINATE(1-), AMMINETRICHLORO-, POTASSIUM, MONOHYDRATE
UPDT:8402 CAS: 20574-25-8 MW: 375.60 MOLFM: Cl3-H3-N-Pt .K .H2-O
SYN: AMMINETRICHLOROPLATINATE(1-) POTASSIUM MONOHYDRATE
MUTATION DATA AND REFERENCES:
pic-esc 50 umol/L CBINA8 4,66,71/72
PLATINATE(1-), AMMINETRICHLORO-, POTASSIUM (SP-4-2) see: TP1370000

TP1385500 PLATINATE (1-), (1,2,4-BENZENETRICARBOXYLATO(3-)-O(sup 1),O(sup 2))(1,2-CYCLOHEXANEDIAMINE- N,N')-, HYDROGEN (SP-4-3)-
UPDT:8409 CAS: 65296-81-3 MW: 517.44 MOLFM: C15-H18-N2-O6-Pt
SYN: 4-CARBOXYPHTHALATO(1,2-DIAMINOCYCLOHEXANE)PLATINUM (II) * NSC 271674 * PLATINUM(II), (CYCLOHEXANE-1,2-DIAMMINE)(4-CARBOXYPHTHLATO)-
TOXICITY DATA AND REFERENCES:
1M30 ivn-rat LD50:84 mg/kg JJIND8 67,201,81
* ipr-mus LD50:75 mg/kg DRFUD4 5,247,80
ivn-mus LD50:75 mg/kg CTRRDO 61,1519,77

TP1386000 PLATINATE(2-), BIS(ETHYLENEDIAMMINE)TETRACHLORO-
UPDT:8412 MW: 457.13 MOLFM: C4-H16-Cl4-N4-Pt
MUTATION DATA AND REFERENCES:
pic-esc 25 umol/L CBINA8 4,66,71/72

TP1387000 PLATINATE, DINITROTETRACHLORO-, DIPOTASSIUM
UPDT:8108 MW: 507.11 MOLFM: Cl4-K2-N2-O4-Pt
SYN: POTASSIUM DINITROTETRACHLOROPLATINATE
TOXICITY DATA AND REFERENCES.
1V30 ipr-mus LD50:125 mg/kg VOONAW 25(11),47,79
REVIEW AND REFERENCES:
★ TLV-TWA 2 ug(Pt)/m3 DTLVS* 4,343,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug(Pt)/m3 FEREAC 39,23540,74

TP1389000 PLATINATE(2-), HEXABROMO-, DIPOTASSIUM
UPDT:8401 CAS: 16920-93-7 MW: 752.75 MOLFM: Br6-Pt .2K
SYN: DIPOTASSIUM HEXABROMOPLATINATE * DIPOTASSIUM HEXABROMOPLATINATE(2-) * PLATINATE(2-), HEXABROMO-, DIPOTASSIUM, (OC-6-11)- (9CI) * PLATINIC POTASSIUM BROMIDE
MUTATION DATA AND REFERENCES:
dnr-esc 100 ug/L PCJOAU 16,721,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
PLATINATE(2-), HEXABROMO-, DIPOTASSIUM, (OC-6-11)- (9CI) see: TP1389000
PLATINATE(2-), HEXACHLORO-, DIAMMONIUM see: BP5425000
PLATINATE(2-), HEXACHLORO-, DIAMMONIUM, (OC-6-11)- (9CI) see: BP5425000

TP1500000 PLATINATE(2-), HEXACHLORO-, DIHYDROGEN, (OC-6-11)-
UPDT:8312 CAS: 16941-12-1 MW: 409.81 MOLFM: Cl6-Pt .2H
SYN: CHLOROPLATINIC ACID * CHLOROPLATINIC (IV) ACID * CHLOROPLATINIC ACID, solid (DOT) * DIHYDROGEN HEXACHLOROPLATINATE * DIHYDROGEN HEXACHLOROPLATINATE(2-) * HEXACHLOROPLATINIC ACID * HEXACHLOROPLATINIC (IV) ACID * HEXACHLOROPLATINIC(4+) ACID, HYDROGEN- * HYDROGEN HEXACHLOROPLATINATE(4+) * PLATINIC CHLORIDE * UN 2507 (DOT)
MUTATION DATA AND REFERENCES:
mrc-bcs 10 mmol/L MUREAV 77,109,80
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:49 mg/kg NTIS** PB291-731
ipr-mus LD50:29 mg/kg COREAF 256,1043,63
REVIEW AND REFERENCES:
★ TLV-TWA 2 ug(Pt)/m3 DTLVS* 4,343,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug(Pt)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:ORM-B; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TP1510000 PLATINATE(2-), HEXACHLORO-, DIHYDROGEN, HEXAHYDRATE
UPDT:8007 MW: 517.93 MOLFM: Cl6-Pt .2H .6H2-O
SYN: DIHYDROGEN HEXACHLOROPLATINATE HEXAHYDRATE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:82 mg/kg TXAPA9 49,41,79
REVIEW AND REFERENCES:
★ TLV-TWA 2 ug(Pt)/m3 DTLVS* 4,343,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug(Pt)/m3 FEREAC 39,23540,74

TP1650000 PLATINATE(2-), HEXACHLORO-, DIPOTASSIUM
UPDT:8402 CAS: 16921-30-5 MW: 485.99 MOLFM: Cl6-Pt .K2
SYN: PLATINIC POTASSIUM CHLORIDE * POTASSIUM CHLOROPLATINATE * POTASSIUM HEXACHLOROPLATINATE(IV) * POTASSIUM PLATINIC CHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate MUREAV 13,50,79
mma-sat 100 ng/plate PCJOAU 16,721,82
dnr-esc 100 ug/L PCJOAU 16,721,82
pic-esc 12500 nmol/L CBINA8 4,66,71/72
msc-ham:ovr 20 umol/L/20H MUREAV 67,65,79
TOXICITY DATA AND REFERENCES:
2R10R11 idr-hmn TDLo:40 mg/kg CNREA8 35,2766,75
REVIEW AND REFERENCES:
★ TLV-TWA 2 ug(Pt)/m3 DTLVS* 4,343,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug(Pt)/m3 FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TP1750000 PLATINATE(2-), HEXACHLORO-, DISODIUM, TETRAHYDRATE
UPDT:7901 CAS: 1307-82-0 MW: 525.85 MOLFM: Cl6-Pt .2Na .4H2-O
SYN: PLATINIC SODIUM CHLORIDE * SODIUM CHLOROPLATINATE * SODIUM PLATINIC CHLORIDE
TOXICITY DATA AND REFERENCES:
3D07J21J24 ihl-hmn TCLo:0.9 ug/m3 BJIMAG 2,92,45
scu-rbt LDLo:180 mg/kg BSIBAC 8,1152,33
REVIEW AND REFERENCES:
★ TLV-TWA 2 ug(Pt)/m3 DTLVS* 4,343,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug(Pt)/m3 (SCP-M) FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TP1760000 PLATINATE(2-), HEXAIODO-, DIPOTASSIUM
UPDT:8402 MW: 1034.69 MOLFM: I6-Pt .K2
SYN: HEXAIODOPLATINATE(2-) DIPOTASSIUM
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate MUREAV 13,50,79

mma-sat 100 ng/plate PCJOAU 16,721,82
pic-esc 12500 nmol/L CBINA8 4,66,71/72

PLATINATE(2-), HEXAKIS(NITRITO-N)-, DIPOTASSIUM, (OC-6-11)- (9CI) see: TP1765000

TP1765000 PLATINATE(2-), HEXANITRO-, DIPOTASSIUM
UPDT:8311 CAS: 17030-12-5 MW: 549.35 MOLFM: N6-O12-Pt .2K
SYN: DIPOTASSIUM HEXANITROPLATINATE(2-) * PLATINATE(2-), HEXAKIS(NITRITO-N)-, DIPOTASSIUM, (OC-6-11)- (9CI)
MUTATION DATA AND REFERENCES:
dnr-esc 100 ug/L PCJOAU 16,721,82

TP1770000 PLATINATE (2-), METHYLTRICHLORO-
UPDT:8203 MW: 316.48 MOLFM: C-H3-Cl3-Pt
MUTATION DATA AND REFERENCES:
msc-ham:ovr 15 umol/L JESEDU 13,707,78
REVIEW AND REFERENCES:
★ TLV-TWA 2 ug(Pt)/m3 DTLVS* 4,343,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug(Pt)/m3 FEREAC 39,23540,74

TP1800000 PLATINATE(2-), NITROTRICHLORO-, DIPOTASSIUM
UPDT:8311 CAS: 15611-84-4 MW: 425.65 MOLFM: Cl3-N-O2-Pt .2K
SYN: DIPOTASSIUM TRICHLORONITROPLATINATE * PLATINATE(2-), TRICHLORO(NITRITO-N-), DIPOTASSIUM (SP-4-2)- * PLATINUM (2-), NITROTRICHLORO-, DIPOTASSIUM * POTASSIUM NITROTRICHLOROPLATINATE
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:75 mg/kg BICHBX 2,187,73
REVIEW AND REFERENCES:
★ TLV-TWA 2 ug(Pt)/m3 DTLVS* 4,343,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug(Pt)/m3 FEREAC 39,23540,74

TP1830000 PLATINATE(2-), TETRABROMO-, DIPOTASSIUM
UPDT:8311 CAS: 13826-94-3 MW: 592.93 MOLFM: Br4-Pt .2K
SYN: PLATINUM(2-), TETRABROMO-, DIPOTASSIUM * POTASSIUM TETRABROMOPLATINATE
MUTATION DATA AND REFERENCES:
dnr-esc 100 ug/L PCJOAU 16,721,82
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:45 mg/kg BICHBX 2,187,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TP1838000 PLATINATE(2-), TETRACHLORO-
UPDT:8402 CAS: 13965-91-8
SYN: TETRACHLOROPLATINATE(2-)
MUTATION DATA AND REFERENCES:
pic-esc 50 umol/L CBINA8 4,66,71/72

TP1840000 PLATINATE(2-), TETRACHLORO-, DIAMMONIUM
UPDT:8007 MW: 372.99 MOLFM: Cl4-Pt .2H4-N
SYN: AMMONIUM TETRACHLOROPLATINATE * TETRAMINE PLATINUM(II) CHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:60 mg/kg TXAPA9 49,41,79
REVIEW AND REFERENCES:
★ TLV-TWA 2 ug(Pt)/m3 DTLVS* 4,343,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug(Pt)/m3 FEREAC 39,23540,74

TP1850000 PLATINATE(2-), TETRACHLORO-, DIPOTASSIUM
UPDT:8403 CAS: 10025-99-7 MW: 415.09 MOLFM: Cl4-Pt K2
SYN: PLATINOUS POTASSIUM CHLORIDE * POTASSIUM CHLOROPLATINITE * POTASSIUM PLATINOCHLORIDE * POTASSIUM PLATINUM(II) TETRACHLORDIE * POTASSIUM TETRACHLOROPLATINATE(II) * POTASSIUM TETRACHLORPLATINATE(II)
MUTATION DATA AND REFERENCES:
mma-sat 150 ug/plate MUREAV 48,139,77
mma-sat 100 ng/plate PCJOAU 16,721,82
dnr-esc 100 ug/L PCJOAU 16,721,82
pic-esc 1 ug/plate BBRCA9 90,209,79
oms-omi 1 umol/L SOGEBZ 11,911,75
dnd-omi 1 umol/L SOGEBZ 11,911,75
dni-mus:lym 50 mg/L JJIND8 69,47,82
dni-mus:leu 100 mg/L JJIND8 69,47,82
msc-ham:ovr 65 umol/L CNREA8 40,1463,80
TOXICITY DATA AND REFERENCES:
orl-chd LDLo:400 mg/kg BJIMAG 2,92,45
2R10R11 idr-hmn TDLo:40 mg/kg CNREA8 35,2766,75
1V30 ipr-mus LD50:45 mg/kg VOONAW 25(11),47,79
REVIEW AND REFERENCES:
★ TLV-TWA 2 ug(Pt)/m3 DTLVS* 4,343,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug(Pt)/m3 FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PLATINATE(2-), TETRAKIS(NITRITO-N)-, DIPOTASSIUM, (SP-4-1)- (9CI) see: TP1875000

TP1875000 PLATINATE(2-), TETRANITRO-, DIPOTASSIUM
UPDT:8401 CAS: 13815-39-9 MW: 457.33 MOLFM: N4-O8-Pt .2K
SYN: DIPOTASSIUM TETRANITROPLATINATE * PLATINATE(2-), TETRAKIS(NITRITO-N)-, DIPOTASSIUM, (SP-4-1)- (9CI)
MUTATION DATA AND REFERENCES:
dnr-esc 100 ug/L PCJOAU 16,721,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TP1880000 PLATINATE(1-), TRICHLOROETHYLENE-, DIPOTASSIUM
UPDT:8305 MW: 407.70 MOLFM: C2-H4-Cl3-K2-Pt
SYN: POTASSIUM TRICHLOROETHYLENEPLATINATE * Pt-93
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:85 mg/kg VOONAW 25(11),47,79
REVIEW AND REFERENCES:
★ TLV-TWA 2 ug(Pt)/m3 DTLVS* 4,343,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug(Pt)/m3 FEREAC 39,23540,74

PLATINATE(2-), TRICHLORO(NITRITO-N-), DIPOTASSIUM (SP-4-2)- see: TP1800000
PLATIN B SALT see: TP1364500
PLATINEX see: TP2450000
PLATINIC AMMONIUM CHLORIDE see: BP5425000
PLATINIC CHLORIDE see: TP1500000
PLATINIC POTASSIUM BROMIDE see: TP1389000
PLATINIC POTASSIUM CHLORIDE see: TP1650000
PLATINIC SODIUM CHLORIDE see: TP1750000
PLATINNIUM(II), TETRAAMMINE, DICHLORIDE, (SP-4-1)- (9CI) see: TP2507150
PLATINOL see: TP2450000
PLATINOL AH see: TI0350000
PLATINOL DOP see: TI0350000
PLATINOUS CHLORIDE see: TP2275000
cis-PLATINOUS DIAMMINE DICHLORIDE see: TP2450000
PLATINOUS POTASSIUM CHLORIDE see: TP1850000

TP2160000 PLATINUM
UPDT:8404 CAS: 7440-06-4 MW: 195.09 MOLFM: Pt
SYN: C.I. 77795 * LIQUID BRIGHT PLATINUM * PLATIN (German) * PLATINUM BLACK * PLATINUM SPONGE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:5250 mg/kg NATWAY 42,75,55
2V03V10 imp-mus TDLo:23 gm/kg NATWAY 42,75,55
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg/m3 (dust) DTLVS* 4,343,80
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S191
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

cis-**PLATINUM** see: TP2450000
cis-**PLATINUM (II)** see: TP2450000

TP2166000 PLATINUM(II), (3-AMINOQUINUCLIDINIUM)TRICHLORO-
UPDT:8308 MW: 428.68 MOLFM: C7-H15-Cl3-N2-Pt
SYN: (3-AMINOQUINUCLIDINIUM)TRICHLOROPLATINUM(II)
TOXICITY DATA AND REFERENCES:
3C08F22M30 ipr-mus LD50:42 mg/kg JMCMAR 25,952,82

PLATINUM(II), AMMINE TRICHLOROPOTASSIUM see: TP1370000

TP2170500 PLATINUM(II), AQUA(CYCLOHEXANE-1,2-DIAMMINE)SULFATO-, (E)-(-)-
UPDT:8305 MW: 392.34 MOLFM: C6-H17-N2-O5-Pt
SYN: trans(-)-SHP * trans(-)-SULFATO-1,2-DIAMINOCYCLOHEXANEPLATINUM(II)
MUTATION DATA AND REFERENCES:
mmo-sat 20 nmol/plate CNREA8 41,4368,81
dnd-sat 10 mg/L/20H-C CNREA8 41,4368,81
oms-bcs 1100 nmol/L/3H-C CNREA8 41,4368,81
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:10590 ug/kg/10W-I CNREA8 41,4368,81
2V02J60 ipr-mus TD :11651 ug/kg/10W-I CNREA8 41,4368,81
2V03J60 ipr-mus TD :42368 ug/kg/10W-I CNREA8 41,4368,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TP2170510 PLATINUM(II), AQUA(CYCLOHEXANE-1,2-DIAMMINE)SULFATO-, (E)-(+)-
UPDT:8305 MW: 392.34 MOLFM: C6-H17-N2-O5-Pt
SYN: trans(+)-SHP * trans(+)-SULFATO-1,2-DIAMINOCYCLOHEXANEPLATINUM(II)
MUTATION DATA AND REFERENCES:
mmo-sat 20 nmol/plate CNREA8 41,4368,81
dnd-sat 10 mg/L/20H-C CNREA8 41,4368,81
oms-bcs 1600 nmol/L/3H-C CNREA8 41,4368,81
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:10590 ug/kg/10W-I CNREA8 41,4368,81
2V02J60 ipr-mus TD :11651 ug/kg/10W-I CNREA8 41,4368,81
2V02J60 ipr-mus TD :42368 ug/kg/10W-I CNREA8 41,4368,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TP2170550 PLATINUM(II), AQUA(CYCLOHEXANE-1,2-DIAMMINE)SULFATO-, (Z)-
UPDT:8305 MW: 392.34 MOLFM: C6-H17-N2-O5-Pt
SYN: cis-SHP * cis-SULFATO-1,2-DIAMINOCYCLOHEXANEPLATINUM(II)
MUTATION DATA AND REFERENCES:
mmo-sat 20 nmol/plate CNREA8 41,4368,81
dnd-sat 10 mg/L/20H-C CNREA8 41,4368,81
oms-bcs 1600 nmol/L/3H-C CNREA8 41,4368,81
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:10590 ug/kg/10W-I CNREA8 41,4368,81
2V02J60 ipr-mus TD :11651 ug/kg/10W-I CNREA8 41,4368,81
2V02J60 ipr-mus TD :42368 ug/kg/10W-I CNREA8 41,4368,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TP2171500 PLATINUM(II), (1,2-BENZENEDIAMINE-N,N')DICHLORO-, (SP-4-2)-
UPDT:8402 MW: 374.15 MOLFM: C6-H8-Cl2-N2-Pt
SYN: cis-DICHLORO(1,2-DIAMINOBENZENE)PLATINUM(II)
MUTATION DATA AND REFERENCES:
dni-esc 2500 nmol/L CBINA8 29,327,80
oms-esc 5 umol/L CBINA8 29,327,80

TP2171600 PLATINUM(II), (1,2-BENZENEDIAMINE-N,N')DIIODO-, (SP-4-2)-
UPDT:8402 CAS: 65525-41-9 MW: 557.05 MOLFM: C6-H8-I2-N2-Pt
SYN: cis-DIIODO(1,2-DIAMINOBENZENE)PLATINUM(II)
MUTATION DATA AND REFERENCES:
dni-esc 5 umol/L CBINA8 29,327,80
oms-esc 5 umol/L CBINA8 29,327,80

TP2172500 PLATINUM (II), (BENZIMIDAZOLE)DICHLORO-, (Z)-
UPDT:8305 CAS: 41475-79-0 MW: 383.13 MOLFM: C7-H5-Cl2-N2-Pt
SYN: DICHLORO(BENZIMIDAZOLE)PLATINUM(II)
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:9 mg/kg CBINA8 5,415,72

PLATINUM, BIS(3-AMINO-2H-1-BENZOPYRAN-2-ONE-N(sup 3),O(sup 2))BIS(DIETHYLMALONATO)- (9CI) see: TP2258000
PLATINUM, BIS(3-AMINO-2H-1-BENZOPYRAN-2-ONE-N(sup 3),O(sup 2))DICHLORO- (9CI) see: TP2257000
PLATINUM, BIS(3-AMINO-2H-1-BENZOPYRAN-2-ONE-N(sup 3),O(sup 2))DIIODO- see: TP2259000
PLATINUM, BIS(3-AMINO-2H-1-BENZOPYRAN-2-ONE-N(sup 3),O(sup 2))DINITRO- (9CI) see: TP2260000

TP2200000 PLATINUM (II), BIS(CYCLOHEXYLAMMINE)DICHLORO-, cis-
UPDT:8405 CAS: 38780-35-7 MW: 464.39 MOLFM: C12-H26-Cl2-N2-Pt
SYN: cis-DICHLOROBIS(CYCLOHEXYLAMINE)PLATINUM(II) * cis-DICYCLOHEXYLAMMINEDICHLOROPLATINUM (II) * cis-HAD
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate CBINA8 26,179,79
mma-sat 30 ug/plate MUREAV 97,79,82
dni-ham:ovr 40 mg/L CBINA8 35,189,81
oms-ham:ovr 40 mg/L CBINA8 35,189,81
cyt-ham:ovr 40 mg/L CBINA8 35,189,81
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:12 mg/kg BJCAAI 36,420,77
unk-mus LD50:3200 mg/kg RRCRBU 48,113,74

TP2210000 PLATINUM (II), BIS(CYCLOPENTYLAMMINE)DICHLORO-, cis-
UPDT:8402 CAS: 38780-36-8 MW: 436.33 MOLFM: C10-H22-Cl2-N2-Pt
SYN: cis-BIS(CYCLOPENTYLAMMINE)PLATINUM(II) * cis-DICHLOROBIS(CYCLOPENTYLAMMINE)PLATINUM(II) * cis-DICYCLOPENTYLAMMINEDICHLOROPLATINUM (II) * Pt-11
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate CBINA8 26,179,79
mma-sat 10 ug/plate MUREAV 97,79,82
dni-ham:ovr 26 mg/L CBINA8 14,217,76
cyt-ham:ovr 46 mg/L CBINA8 14,217,76
TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-rat TDLo:109 mg/kg/6W-I CNREA8 39,913,79
2V01J60 ipr-mus TDLo:189 mg/kg/10W-I CNREA8 39,913,79
TOXICITY DATA AND REFERENCES:
2M30V16 ipr-mus LD50:480 mg/kg CBINA8 11,145,75

unk-mus LD50:480 mg/kg RRCRBU 48,113,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TP2215000 PLATINUM(II), BIS(CYCLOPROPYLAMMINE)DICHLORO-, cis-
UPDT:8407 CAS: 38780-38-0 MW: 380.21 MOLFM: C6-H14-Cl2-N2-Pt
SYN: cis-BIS(CYCLOPROPYLAMMINE)DICHLOROPLATINUM(II) * cis-DICHLOROBIS(CYCLOPROPYLAMINE)PLATINUM (II) * cis-DICYCLOPROPYLAMINIDICHLOROPLATINUM (II)
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate CBINA8 26,179,79
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:57 mg/kg CBINA8 5,415,72

TP2230400 PLATINUM (II), BIS(ISOPROPYLAMMINE)DICHLORO-, cis-
UPDT:8407 CAS: 41637-05-2 MW: 384.25 MOLFM: C6-H18-Cl2-N2-Pt
SYN: cis-BIS(ISOPROPYLAMMINE)DICHLOROPLATINUM(II) * cis-DICHLOROBIS(ISOPROPYLAMMINE)PLATINUM(II)
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:34 mg/kg JPMSAE 65(3),315,76

TP2230500 PLATINUM(IV), BIS(ISOPROPYLAMMINE)-cis-DICHLORO-trans-DIHYDROXY-
UPDT:8408 MW: 418.27 MOLFM: C6-H20-Cl2-N2-O2-Pt
SYN: CHIP * cis-DICHLORO-trans-DIHYDROXYBISISOPROPYLAMINE PLATINUM (IV) * DIISOPROPYLAMMINE-trans-DIHYDROXYMALONATOPLATINUM(IV) * JM-28
MUTATION DATA AND REFERENCES:
dnd-omi 600 umol/L CNREA8 40,3318,80
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:60 mg/kg BJCAAI 42,668,80
scu-rat LD50:92 mg/kg BJCAAI 42,668,80

TP2246000 PLATINUM (II), BIS(METHYLAMMINE)OXALATO, cis-
UPDT:8405 CAS: 41744-17-6 MW: 345.25 MOLFM: C4-H10-N2-O4-Pt
SYN: cis-BIS(METHYLAMMINE)OXALATOPLATINUM(II) * cis-OXALATODI(METHYLAMMINE)PLATINUM (II)
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:20 mg/kg BICHBX 2,187,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JPMSAE 65(3),315,76

TP2246530 PLATINUM (II), BIS(4-METHYLCYCLOHEXYLAMMINE)DICHLORO-, cis-
UPDT:8405 MW: 492.45 MOLFM: C14-H30-Cl2-N2-Pt
SYN: cis-BIS(p-METHYLCYCLOHEXYLAMMINE)DICHLOROPLATINUM (II) * cis-BIS(4-METHYLCYCLOHEXYLAMMINE)DICHLOROPLATINUM (II)
TOXICITY DATA AND REFERENCES:
2M30V30 ipr-mus LD50:990 mg/kg CBINA8 11,145,75

TP2246600 PLATINUM (II), BIS(METHYL SELENIDE)DICHLORO-, cis-
UPDT:7901 CAS: 18252-65-8 MW: 484.07 MOLFM: C4-H12-Cl2-Pt-Se2
SYN: cis-DICHLOROBIS(DIMETHYLSELENIDE)PLATINUM(II) * NSC 271675 * PLATINUM, DICHLOROBIS(METHYL SELENIDE)-, cis- * PLATINUM, DICHLOROBIS(SELENOBIS(METHANE))- (SP-4-2)
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:50 mg/kg CTRRDO 61,1519,77
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

TP2246700 PLATINUM (II), BIS(METHYL SELENIDE)SULFATO-, HYDRATE
UPDT:7901 CAS: 73825-85-1
SYN: NSC 281278 * SULFATOBIS(DIMETHYLSELENIDE)PLATINUM(II) HYDRATE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:100 mg/kg CTRRDO 61,1519,77
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

TP2246800 PLATINUM (II), BIS(METHYL TELLURIDE)DICHLORO-, cis-
UPDT:7901 CAS: 18252-66-9 MW: 581.35 MOLFM: C4-H12-Cl2-Pt-Te2
SYN: cis-DICHLOROBIS(DIMETHYLTELLURIDE)PLATINUM(II) * NSC 271676 * PLATINUM, DICHLOROBIS(METHYL TELLURIDE)-, cis- * PLATINUM, DICHLOROBIS(TELLUROBIS(METHANE))- (SP-4-2)
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:50 mg/kg CTRRDO 61,1519,77
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Te)/m3 DTLVS* 4,386,80

TP2257000 PLATINUM(II), BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)DICHLORO-, (Z)-
UPDT:8309 CAS: 73920-58-8 MW: 588.33 MOLFM: C18-H14-Cl2-N2-O4-Pt
SYN: cis-BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)DICHLOROPLATINUM(II) * PLATINUM, BIS(3-AMINO-2H-1-BENZOPYRAN-2-ONE-N(sup 3),O(sup 2))DICHLORO- (9CI)
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:100 mg/kg PCJOAU 15,419,81

TP2258000 PLATINUM(II), BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)(DIETHYLMALONATO)-, (Z)-
UPDT:8309 MW: 675.60 MOLFM: C25-H24-N2-O8-Pt
SYN: cis-BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)(DIETHYLMALONATO)PLATINUM(II) * PLATINUM, BIS(3-AMINO-2H-1-BENZOPYRAN-2-ONE-N(sup 3),O(sup 2))BIS(DIETHYLMALONATO)- (9CI)
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:100 mg/kg PCJOAU 15,419,81

TP2259000 PLATINUM(II), BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)DIIODO-, (Z)-
UPDT:8309 MW: 771.23 MOLFM: C18-H14-I2-N2-O4-Pt
SYN: cis-BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)DIIODOPLATINUM(II) * PLATINUM, BIS(3-AMINO-2H-1-BENZOPYRAN-2-ONE-N(sup 3),O(sup 2))DIIODO-
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:100 mg/kg PCJOAU 15,419,81

TP2260000 PLATINUM(II), BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)DINITRO-, (Z)-
UPDT:8309 MW: 609.45 MOLFM: C18-H14-N4-O8-Pt
SYN: cis-BIS(2-OXO-2H-1-BENZOPYRAN-3-YLAMMINE)DINITROPLATINUM(II) * PLATINUM, BIS(3-AMINO-2H-1-BENZOPYRAN-2-ONE-N(sup 3),O(sup 2))DINITRO- (9CI)
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:100 mg/kg PCJOAU 15,419,81

TP2261000 PLATINUM (IV), BIS(1,3-PROPANEDIAMMINE)DICHLORODIHYDROXO-, cis-
UPDT:8309 MW: 420.29 MOLFM: C6-H22-Cl2-N2-O2-Pt
SYN: cis-BIS(1,3-PROPANEDIAMMINE)DICHLORODIHYDROXOPLATINUM (IV)
TOXICITY DATA AND REFERENCES:
2M30V30 ipr-mus LD50:23 mg/kg CBINA8 11,145,75

TP2262000 PLATINUM (IV), BIS(1,3-PROPANEDIAMMINE)DICHLORODIHYDROXO-, trans-
UPDT:8309 MW: 420.29 MOLFM: C6-H22-Cl2-N2-O2-Pt
SYN: trans-BIS(1,3-PROPANEDIAMMINE)DICHLORODIHYDROXOPLATINUM (IV)
TOXICITY DATA AND REFERENCES:
2M30V30 ipr-mus LD50:135 mg/kg CBINA8 11,145,75

TP2263000 PLATINUM (II), BIS(PYRROLIDINE)DICHLORO-, cis-
UPDT:8309 MW: 408.27 MOLFM: C8-H18-Cl2-N2-Pt
SYN: cis-BIS(PYRROLIDINE)DICHLOROPLATINUM (II)
TOXICITY DATA AND REFERENCES:
2M30V30 ipr-mus LD50:240 mg/kg CBINA8 11,145,75

TP2263100 PLATINUM (II), BIS(PYRROLIDINE)DICHLORO-, trans-
UPDT:8407 MW: 408.27 MOLFM: C8-H18-Cl2-N2-Pt
SYN: trans-BIS(PYRROLIDINE)DICHLOROPLATINUM (II)
TOXICITY DATA AND REFERENCES:
2M30V30 ipr-mus LD50:72 mg/kg CBINA8 11,145,75

TP2263200 PLATINUM(II), BIS(1H-PYRROLO(2,3-c)PYRIDINE)DICHLORO-, cis-
UPDT:8402 MW: 446.25 MOLFM: C14-H12-Cl2-Pt
SYN: cis-DICHLOROBIS(7-AZOINDOLE)PLATINUM(II)
MUTATION DATA AND REFERENCES:
dni-esc 25 umol/L CBINA8 29,327,80
oms-esc 25 umol/L CBINA8 29,327,80

TP2263300 PLATINUM(II), BIS(1H-PYRROLO(2,3-c)PYRIDINE)DICHLORO-, trans-
UPDT:8402 MW: 446.25 MOLFM: C14-H12-Cl2-Pt
SYN: trans-DICHLAOROBIS(7-AZOINDOLE)PLATINUM(II)
MUTATION DATA AND REFERENCES:
dni-esc 25 umol/L CBINA8 29,327,80

TP2263400 PLATINUM(II), BIS(1H-PYRROLO(2,3-c)PYRIDINE)DIIODO-, cis-
UPDT:8402 MW: 629.15 MOLFM: C14-H12-I2-Pt
SYN: cis-DIIODOBIS(7-AZOINDOLE)PLATINUM(II)
MUTATION DATA AND REFERENCES:
dni-esc 25 umol/L CBINA8 29,327,80
oms-esc 25 umol/L CBINA8 29,327,80

TP2265000 PLATINUM (II), BIS(THIOCYANATO)DIAMMINE-, cis-
UPDT:8309 CAS: 15660-26-1 MW: 345.33 MOLFM: C2-H6-N4-Pt-S2
SYN: cis-BIS(THIOCYANATO)DIAMMINEPLATINUM(II) * PLATINUM, DIAMMINEBIS(THIOCYANATO)-, cis-
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:250 mg/kg JPMSAE 65,315,76

TP2266000 PLATINUM (II), BIS(THIOCYANATO)DIAMMINE, trans-
UPDT:8309 CAS: 15660-27-2 MW: 345.33 MOLFM: C2-H6-N4-Pt-S2
SYN: trans-BIS(THIOCYANATO)DIAMMINEPLATINUM(II) * trans-DITHIOCYANATODIAMMINEPLATINUM * PLATINUM(II), DIAMMINEBIS(THIOCYANATO)-, trans-
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:780 mg/kg JPMSAE 65,315,76

PLATINUM BLACK see: TP2160000

TP2267000 PLATINUM (II), BROMOCHLORODIAMMINE-, cis-
UPDT:8309 CAS: 52305-84-7 MW: 344.53 MOLFM: Br-Cl-H6-N2-Pt
SYN: cis-BROMOCHLORODIAMMINEPLATINUM(II) * PLATINUM (II), DIAMMINEBROMOCHLORO-
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:9 mg/kg BICHBX 2,187,73

TP2268000 PLATINUM (II), BROMOCHLOROETHYLENEIAMMINE-, cis-
UPDT:8309 CAS: 52269-75-7 MW: 370.57 MOLFM: C2-H8-Br-Cl-N2-Pt
SYN: cis-BROMOCHLOROETHYLENEDIAMMINEPLATINUM(II)
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:12 mg/kg BICHBX 2,187,73

TP2270000 PLATINUM(II), (3-CARBOXY-o-PHENYLENEDIAMMINE)DICHLORO-, (Z)-
UPDT:8406 MW: 418.16 MOLFM: C7-H8-Cl2-N2-O2-Pt
SYN: cis (3-CARBOXY-o-PHENYLENEDIAMMINE)DICHLOROPLATINUM (II)
TOXICITY DATA AND REFERENCES:
2M30V30 ipr-mus LD50:180 mg/kg CBINA8 11,145,75

TP2272000 PLATINUM(II), (4-CARBOXYPHTHALATO)(CYCLOHEXANE-1,2-DIAMMINE)-
UPDT:8405
SYN: (4-CARBOXYPHTHALATO)(CYCLOHEXANE-1,2-DIAMMINE)PLATINUM(II) * 4-CARBOXYPHTHALATO(1,2-DIAMMINOCYCLOHEXANE)PLATINUM(II) * NSC 271674
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:75 mg/kg USXXAM #4206208

TP2275000 PLATINUM CHLORIDE
UPDT:8402 CAS: 10025-65-7 MW: 265.99 MOLFM: Cl2-Pt
SYN: MURIATE of PLATINUM * PLATINOUS CHLORIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 100 mg/24H MLD AEHLAU 30,168,75
MUTATION DATA AND REFERENCES:
mmo-sat 1 mmol/L MUREAV 77,109,80
pic-esc 50 umol/L CBINA8 4,56,71/72
mrc-bcs 1 mmol/L MUREAV 77,109,80
otr-ham:emb 30 umol/L CNREA8 39,193,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:12870 ug/kg GTPZAB 23(9),4,79
unk-rat LD40:26 mg/kg 85DHAX Pt,80,77
unk-dog LDLo:156 mg/kg SMSJAR 26,131,1826
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PLATINUM(II), (CYCLOHEXANE-1,2-DIAMMINE)(4-CARBOXYPHTHLATO)- see: TP1385500

TP2275974 PLATINUM(II), (CYCLOHEXANE-1,2-DIAMMINE)DICHLORO-
UPDT:8407 CAS: 52691-24-4 MW: 380.21 MOLFM: C6-H14-Cl2-N2-Pt
SYN: (CYCLOHEXANE-1,2-DIAMMINE)DICHLOROPLATIUM(II)
MUTATION DATA AND REFERENCES:
mmo-sat 3 ug/plate MUREAV 97,79,82
mma-sat 3 ug/plate MUREAV 97,79,82

TP2275980 PLATINUM(II), (CYCLOHEXANE-1,2-DIAMMINE)DICHLORO-, (E)-(-)-
UPDT:8305 CAS: 61848-66-6 MW: 380.21 MOLFM: C6-H14-Cl2-N2-Pt
SYN: trans(-)-DDCP * trans(-)-DICHLORO-1,2-DIAMINOCYCLOHEXANEPLATINUM(II)
MUTATION DATA AND REFERENCES:
mmo-sat 20 nmol/plate CNREA8 41,4368,81
dnd-sat 10 mg/L/20H-C CNREA8 41,4368,81
oms-bcs 13 umol/L/3H-C CNREA8 41,4368,81
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:20530 ug/kg/10W-I CNREA8 41,4368,81
2V02J60 ipr-mus TD :41060 ug/kg/10W-I CNREA8 41,4368,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TP2275991 PLATINUM(II), (CYCLOHEXANE-1,2-DIAMMINE)DICHLORO-, (E)-(+)-
UPDT:8412 MW: 380.21 MOLFM: C6-H14-Cl2-N2-Pt
SYN: trans(+)-DDCP * trans(+)-DICHLORO-1,2-DIAMINOCYCLOHEXANEPLATINUM(II) * PLATINUM, DICHLORO(1,2-CYCLOHEXANEDIAMINE-N,N')-, (SP-4-2)- (9CI) * XX 212
MUTATION DATA AND REFERENCES:
mmo-sat 20 nmol/plate CNREA8 41,4368,81
dnd-sat 10 mg/L/20H-C CNREA8 41,4368,81
oms-bcs 20 umol/L/3H-C CNREA8 41,4368,81
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:20530 ug/kg/10W-I CNREA8 41,4368,81
2V02J60 ipr-mus TD :41060 ug/kg/10W-I CNREA8 41,4368,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TP2275992 PLATINUM(II), (CYCLOHEXANE-1,2-DIAMMINE)DICHLORO-, (Z)-
UPDT:8307 CAS: 61848-70-2 MW: 370.11 MOLFM: C6-H4-Cl2-N2-Pt
SYN: cis-DDCP * cis-DICHLORO-1,2-DIAMINOCYCLOHEXANE PLATINUM(II)
MUTATION DATA AND REFERENCES:
mmo-sat 20 nmol/plate CNREA8 41,4368,81
dnd-sat 10 mg/L/20H-C CNREA8 41,4368,81
oms-bcs 9900 nmol/L/3H-C CNREA8 41,4368,81
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:20530 ug/kg/10W-I CNREA8 41,4368,81
2V02J60 ipr-mus TD :41060 ug/kg/10W-I CNREA8 41,4368,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TP2280500 PLATINUM(II), (CYCLOHEXANE-1,2-DIAMMINE)SULFATO-
UPDT:8406 MW: 405.37 MOLFM: C6-H14-N2-O4-Pt-S
SYN: (CYCLOHEXANE-1,2-DIAMMINE)SULFATOPLATINUM(II) * SULFATO-1,2-DIAMINOCYCLOHEXANEPLATINUM(II)

TOXICITY DATA AND REFERENCES:

1V30	unk-mus LD50:22 mg/kg	YHTPAD 17(8),54,82

PLATINUM, DIAMMINEBIS(THIOCYANATO)-, cis- see: TP2265000
PLATINUM(II), DIAMMINEBIS(THIOCYANATO)-, trans- see: TP2266000
PLATINUM (II), DIAMMINEBROMOCHLORO- see: TP2267000

TP2300000 PLATINUM, DIAMMINE(1,1-CYCLOBUTANEDICARBOXYLATO(2-)-0,0')-, (SP-4-2)-
UPDT:8309 CAS: 41575-94-4 MW: 371.29 MOLFM: C6-H12-N2-O4-Pt
SYN: DIAMMINE(1,1-CYCLOBUTANEDICARBOXYLATO)PLATINUM (II) * NSC-241240

TOXICITY DATA AND REFERENCES:

1M30	ivn-rat LD50:61 mg/kg	JJIND8 67,201,81
3F07R21U01	ivn-mus LD50:143 mg/kg	NTIS** PB82-165028
	unk-mus LD50:180 mg/kg	RRCRBU 48,12,74

cis-PLATINUM(II) DIAMMINEDICHLORIDE see: TP2450000
trans-PLATINUM(II)DIAMMINEDICHLORIDE see: TP2455000

TP2450000 PLATINUM (II), DIAMMINEDICHLORO-, cis-
UPDT:8412 CAS: 15663-27-1 MW: 300.07 MOLFM: Cl2-H6-N2-Pt
SYN: CACP * CDDP * CPDD * CISPLATIN * CISPLATINO (Spanish) * CISPLATYL * CPDC * DDP * cis-DDP * DIAMMINEDICHLOROPLATINUM * cis-DIAMINEDICHLOROPLATINUM * cis-DIAMMINEDICHLOROPLATINUM * cis-DICHLORODIAMMINE PLATINUM (II) * NCI-C55776 * NEOPLATIN * NSC-119875 * PEYRONE'S CHLORIDE * cis-PLATIN * PLATINEX * PLATINOL * cis-PLATINOUS DIAMMINE DICHLORIDE * cis-PLATINUM * cis-PLATINUM (II) * cis-PLATINUM(II) DIAMINEDICHLORIDE * Pt-01 * cisPT(II)

MUTATION DATA AND REFERENCES:

mmo-sat 4 ug/plate	CNREA8 37,2209,77
mma-sat 2 ug/plate	MUREAV 67,209,79
dnd-sat 10 mg/L/20H-C	CNREA8 41,4368,81
mmo-esc 25 ug/plate	MUREAV 50,1,78
slt-esc 50 umol/L	MUREAV 17,13,73
dnr-esc 30 mg/L	BBRCA9 104,693,82
oms-esc 50 umol/L	MUREAV 94,53,82
dnd-esc 35 mg/L	JOBAAY 116,1247,73
dni-esc 26600 nmol/L	NASSDK 40,521,81
oms-esc 250 umol/L	CBINA8 29,327,80
pic-esc 1 ug/plate	BBRCA9 90,209,79
oms-bcs 15 umol/L/3H-C	CNREA8 41,4368,81
dnd-omi 250 mg/L	CNREA8 40,3313,80
dnd-omi 1 mmol/L	NATUAS 251,736,74
dnd-omi 60 nmol/L	CNREA8 41,4127,81
dnd-omi 1 mmol/L	CBINA8 32,321,80
cyt-dmg-par 200 umol/L	ENMUDM 5,285,83
sln-dmg-par 830 umol/L	ENMUDM 2,133,80
spm-dmg-par 200 umol/L	ENMUDM 5,285,83
mmo-nsc 200 umol/L	MUREAV 125,43,84
mmo-smc 50 mg/L	MUREAV 127,23,84
mrc-smc 50 mg/L	MUREAV 127,23,84
dnd-sal:spr 10 mg/L	NARHAD 10,5345,82
mnt-hmn:leu 500 ug/L	MUREAV 122,111,83
dns-hmn:fbr 20 umol/L	CNREA8 44,1809,84
dnd-hmn:oth 10 umol/L	CNREA8 41,3347,81
dnd-hmn:oth 10 umol/L	CNREA8 41,3347,81
dnd-hmn:lym 12 umol/L	CNREA8 42,897,82
dnd-hmn:hla 5 umol/L	BCPCA6 23,1345,74
oms-hmn:hla 5 umol/L	BCPCA6 23,1345,74
dnd-hmn:lng 10 umol/L	CNREA8 41,3347,81
dnd-hmn:oth 10 umol/L	CNREA8 41,3347,81
dnd-hmn:oth 10 umol/L	CNREA8 41,3347,81
dnd-hmn:oth 10 umol/L	CNREA8 41,3347,81
dnd-hmn:fbr 10 umol/L	CNREA8 41,3347,81
dni-hmn:hla 500 nmol/L	JCHODP 7,349,76
dni-hmn:lym 10 mg/L	CCROBU 59,665,75
dni-hmn:oth 5 umol/L	IJCNAW 6,207,70
oms-hmn:oth 5 umol/L	IJCNAW 6,207,70
bfa-hmn/sat 24 mg/kg	CALEDQ 18,329,83
cyt-hmn:lym 1 mg/L/24H	MUREAV 58,87,78
sce-hmn:lym 250 ng/L/96H	ARTODN 46,61,80
dnd-rat-ipr 3500 ug/kg	CNREA8 41,4127,81
dni-rat-ipr 4 mg/kg	NEOLA4 30,643,83
bfa-rat/sat 40 mg/kg	HIKYAJ 26,813,80
cyt-rat-ipr 650 ug/kg/5D	TXCYAC 17,57,80
sce-rat:oth 1 umol/L	CNREA8 43,3511,83
dnd-mus-ipr 10 mg/kg	CNREA8 42,4719,82
dnd-mus:leu 4 mg/L	CBINA8 39,169,82
dni-mus:ast 100 umol/L	BCPCA6 19,2757,70
oms-mus:ast 100 umol/L	BCPCA6 19,2757,70
dni-mus:lym 50 mg/L	JJIND8 69,47,82
dni-mus:leu 100 mg/L	JJIND8 69,47,82
cyt-mus/oth 8 mg/kg	IJEBA6 14,383,76
cyt-mus:leu 5 mg/L	VAAZA2 27,79,78
cyt-mus:oth 2 mg/L	IJEBA6 14,383,76
cyt-mus-ivn 10 mg/kg	CNREA8 42,122,82
spm-mus-ipr 10 mg/kg	CNREA8 42,122,82
spm-mus-ivn 10 mg/kg	CNREA8 42,122,82
otr-ham:emb 100 nmol/L	IJCNAW 28,71,81
dnd-ham:lng 11 umol/L/2H	MUREAV 67,271,79
dnd-ham:ovr 1 mg/L/1H-C	CNREA8 40,1136,80
dnd-ham:oth 1 mmol/L	BJCSB5 3,68,78
dni-ham:lng 30 umol/L	JCHODP 7,349,76
dni-ham:ovr 5 mg/L	CBINA8 35,189,81
oms-ham:ovr 5 mg/L	CBINA8 35,189,81
cyt-ham:lng 5 mg/L/6H	MUREAV 66,267,79
cyt-ham:ovr 5 mg/L	CBINA8 35,189,81
sce-ham:lng 1 ng/L/2H	MUREAV 66,267,79
sce-ham:emb 100 nmol/L	IJCNAW 28,71,81
sce-ham:ovr 200 ug/L	CNREA8 43,577,83
msc-ham:ovr 1 umol/L	MUREAV 45,103,77
msc-ham:lng 2 mg/L/2H	MUREAV 66,267,79
dnd-mam:lym 100 nmol/L	CBINA8 10,27,75
sce-rbt-ivn 1250 ug/kg	ENMUDM 3,265,81
sce-rbt:lym 100 ug/L	ENMUDM 3,265,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T75	ipr-rat TDLo:4500 ug/kg (17-22D preg/20D post)	YACHDS 10,703,82
3T31T34T72	ipr-rat TDLo:2750 ug/kg (7-11D preg)	YACHDS 10,673,82
3T35T72T81	ipr-rat TDLo:5500 ug/kg (7-11D preg)	YACHDS 10,673,82
1T46	ipr-rat TDLo:300 ug/kg (6D preg)	TXAPA9 69,245,83
2T85T86	ipr-rat TDLo:13 mg/kg (17-22D preg/20D post)	YACHDS 10,703,82
1T35	ipr-rat TDLo:1 mg/kg (11D preg)	TXAPA9 69,245,83
3T35T71T75	ivn-rat TDLo:4125 ug/kg (7-17D preg)	KSRNAM 15,5782,81
3T31T46T85	ivn-rat TDLo:660 ug/kg (7-17D preg)	KSRNAM 15,5782,81
2T34T76	ivn-rat TDLo:1650 ug/kg (7-17D preg)	KSRNAM 15,5782,81
2T81T86	ivn-rat TDLo:4125 ug/kg (7-17D preg)	KSRNAM 15,5782,81
1T41	orl-mus TDLo:8 mg/kg (12D preg)	TJADAB 29(3),29A,84
1T41	ipr-mus TDLo:8 mg/kg (12D preg)	TJADAB 29(3),29A,84
3T25T26T34	ipr-mus TDLo:3 mg/kg (8D preg)	EXPEAM 35,647,79
1T01	ipr-mus TDLo:1100 ug/kg (1D male)	CNREA8 42,122,82
2T33T41	ipr-mus TDLo:20 mg/kg (13D preg)	TJADAB 28,189,83
1T34	ipr-mus TDLo:300 ug/kg (8D preg)	TXAPA9 69,245,83
1T01	ivn-mus TDLo:1100 ug/kg (1D male)	CNREA8 42,122,82
2T26T35	ivn-rbt TDLo:1625 ug/kg (6-18D preg)	YACHDS 10,695,82

TUMORIGENIC DATA AND REFERENCES:

2V01J60	ipr-mus TDLo:16 mg/kg/19W-I	CNREA8 39,913,79
2V02J60	ipr-mus TD :16204 ug/kg/10W-I	CNREA8 41,4368,81
2V02J60	ipr-mus TD :32408 ug/kg/10W-I	CNREA8 41,4368,81

TOXICITY DATA AND REFERENCES:

3D40M12P26	ivn-hmn TDLo:1500 ug/kg/6D-I	CCROBU 57,191,73
3M03M12P30	ivn-hmn TDLo:500 ug/kg/13D-I	CTRRDO 62(5),693,78
3F08K13M12	ivn-hmn TDLo:2500 ug/kg	CCROBU 59,647,75
1K13	ivn-hmn TDLo:72 mg/kg/25D-I	CTRRDO 62,1591,78
2R10R11	idr-hmn TDLo:40 ng/kg	CNREA8 35,2766,75
3F17K12P05	orl-rat LD50:25800 ug/kg	YACHDS 10,723,82
3F17K12P05	ipr-rat LD50:8500 ug/kg	YACHDS 10,723,82
3F17K12P05	scu-rat LD50:8700 ug/kg	YACHDS 10,723,82
1M30	ivn-rat LD50:8 mg/kg	JJIND8 67,201,81
3F17K12P05	ims-rat LD50:9200 ug/kg	YACHDS 10,723,82
3F17K12P05	orl-mus LD50:52600 ug/kg	YACHDS 10,723,82
*	ipr-mus LD50:940 mg/kg	CBINA8 45,1,83
3F17K12P05	scu-mus LD50:16900 ug/kg	YACHDS 10,723,82
	ivn-mus LD50:12 mg/kg	TXAPA9 25,230,73
3F17K12P05	ims-mus LD50:17900 ug/kg	YACHDS 10,723,82
2K13M03	par-mus LD50:22 mg/kg	IOBPD3 5,1417,79
	ivn-dog LDLo:2500 ug/kg	TXAPA9 25,230,73
	ivn-mky LDLo:250 ug/kg	CANCAR 33,1219,74
	ipr-gpg LD50:9700 ug/kg	TXAPA9 33,320,75

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: NATWAY 60(9),399,73; RRCRBU 48,124,74; AIMEAS 86,803,77; ANBCB3 23,99,78

★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED	IARC** 26,151,81
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE	IARC** 26,151,81

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 ug(Pt)/m3 (SCP-M)	FEREAC 39,23540,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TP2455000 PLATINUM (II), DIAMMINEDICHLORO-, trans-
UPDT:8405 CAS: 14913-33-8 MW: 300.07 MOLFM: Cl2-H6-N2-Pt
SYN: trans-DIAMMINEDICHLOROPLATINUM (II) * trans-DICHLORODIAMMINEPLATINUM (II) * trans-PLATINUM(II)DIAMMINEDICHLORIDE

MUTATION DATA AND REFERENCES:

mmo-sat 2 ug/plate	MUREAV 77,45,80
mma-sat 2 ug/plate	MUREAV 77,45,80
dnd-sat 10 mg/L/20H-C	CNREA8 41,4368,81
dnr-esc 10 mg/L	PNASA6 78,7010,81
dnd-esc 20 umol/L	MUREAV 93,327,82
dni-esc 40 umol/L	MUREAV 93,327,82
oms-esc 250 umol/L	CBINA8 29,327,80
pic-esc 1 ug/plate	BBRCA9 90,209,79
oms-bcs 6600 nmol/L/3H-C	CNREA8 41,4368,81
dnd-omi 1 mL	BICMBE 60,901,78
dnd-omi 1 mmol/L	CBINA8 32,321,80
dnd-hmn:fbr 50 umol/L/4H	CNREA8 42,145,82
dnd-hmn:lng 100 umol/L	CBINA8 36,345,81
dnd-hmn:hla 5 umol/L	BCPCA6 23,1345,74
oms-hmn:hla 5 umol/L	BCPCA6 23,1345,74
dnd-mus:fbr 10 umol/L	CRNGDP 1,989,80
dnd-mus:leu 5 umol/L	CNREA8 38,1762,78
otr-ham:fbr 10 umol/L/2H	PAACA3 21,118,80
dnd-ham:lng 320 umol/L/2H	MUREAV 67,271,79
sce-ham:lng 250 umol/L	NATUAS 282,318,79
msc-ham:ovr 34 umol/L	CNREA8 40,1463,80
dnd-mam:lym 50 umol/L	CBINA8 10,27,75

TUMORIGENIC DATA AND REFERENCES:

2V03J60	ipr-mus TDLo:32408 ug/kg/10W-I	CNREA8 41,4368,81

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:27 mg/kg	CBINA8 5,415,72

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TP2485500 PLATINUM (II), DIAMMINEMALONATO-, cis-
UPDT:8305 MW: 331.22 MOLFM: C3-H8-N2-O4-Pt
SYN: cis-DIAMMINEMALONATOPLATINUM(II) * cis-MALONATODIAMMINEPLATINUM(II) * Pt-04

TOXICITY DATA AND REFERENCES:

ipr-mus LDLo:20 mg/kg	BICHBX 2,187,73

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JPMSAE 65(3),315,76

TP2485802 PLATINUM(IV), DIAMMINETETRACHLORO-, (E)-
UPDT:8402 MW: 370.97 MOLFM: Cl4-H6-N2-Pt
SYN: trans-TETRACHLORODIAMMINE PLATINUM(IV)

MUTATION DATA AND REFERENCES:

mmo-sat 30 ug/plate	MUREAV 97,79,82
mma-sat 30 ug/plate	MUREAV 97,79,82
pic-esc 50 umol/L	CBINA8 4,66,71/72
dnd-mam:lym 50 umol/L	CBINA8 10,27,75

TP2485803 PLATINUM(IV), DIAMMINETETRACHLORO-, (Z)-
UPDT:8402 MW: 370.97 MOLFM: Cl4-H6-N2-Pt
SYN: Pt-09 * cis-TETRACHLORODIAMMINE PLATINUM(IV)

MUTATION DATA AND REFERENCES:

mmo-sat 3 ug/plate	MUREAV 97,79,82
mma-sat 3 ug/plate	MUREAV 97,79,82
pic-esc 12500 nmol/L	CBINA8 4,66,71/72
dni-hmn:oth 25 umol/L	IJCNAW 6,207,70
oms-hmn:oth 25 umol/L	IJCNAW 6,207,70

dnd-mam:lym 50 umol/L CBINA8 10,27,75

TP2486000 PLATINUM(II), DIAQUA(1,2-ETHANEDIAMMINE-N,N')-, (SP-4-2)-, DINITRATE

UPDT:8308 CAS: 52241-27-7 MW: 415.27 MOLFM: C2-H12-N2-O2-Pt .2N-O3

SYN: DIAQUAETHYLENEDIAMINE-PLATINUM(II)

MUTATION DATA AND REFERENCES:

mmo-sat 411 ug/plate MUREAV 67,209,79

TP2487000 PLATINUM(2+), DIAQUA(ETHYLENEDIAMINE)-, cis-

UPDT:8308 MW: 291.25 MOLFM: C2-H12-N2-O2-Pt

SYN: cis-DIAQUA(ETHYLENEDIAMINE)PLATINUM(2+)

MUTATION DATA AND REFERENCES:

pic-esc 1 ug/plate BBRCA9 90,209,79

TP2487500 PLATINUM (II), DIAQUA(N,N,N',N'-TETRAMETHYLETHYLENEDIAMMINE)-, cis-

UPDT:8308 MW: 347.37 MOLFM: C6-H20-N2-O2-Pt

SYN: cis-DIAQUA(N,N,N',N'-TETRAMETHYLETHYLENEDIAMMINE)PLATINUM(II)

TOXICITY DATA AND REFERENCES:

ipr-mus LDLo:5 mg/kg JPMSAE 65,315,76

PLATINUM, DICHLOROBIS(METHYL SELENIDE)-, cis- see: TP2246600

PLATINUM, DICHLOROBIS(METHYL TELLURIDE)-, cis- see: TP2246800

PLATINUM, DICHLOROBIS(SELENOBIS(METHANE))- (SP-4-2) see: TP2246600

PLATINUM, DICHLOROBIS(TELLUROBIS(METHANE))- (SP-4-2) see: TP2246800

PLATINUM, DICHLORO(1,2-CYCLOHEXANEDIAMINE-N,N')-, (SP-4-2)- (9CI) see: TP2275991

TP2494200 PLATINUM (II), DICHLORO(4,5-DICHLORO-o-PHENYLENEDIAMMINE)-

UPDT:8402 MW: 443.03 MOLFM: C6-H6-Cl4-N2-Pt

SYN: DICHLORO(4,5-DICHLORO-o-PHENYLENEDIAMMINE)PLATINUM (II)

MUTATION DATA AND REFERENCES:

mmo-sat 100 nmol/L JMCMAR 23,459,80

mma-sat 100 nmol/L JMCMAR 23,459,80

TP2494300 PLATINUM(IV), DICHLORODIHYDROXYBIS(2-PROPANAMINE)-, (OC-6-33)-

UPDT:8402 CAS: 62928-11-4 MW: 418.27 MOLFM: C6-H20-Cl2-N2-O2-Pt

SYN: CHIP * cis-DICHLOROBIS(ISOPROPYLAMINE)-trans-DIHYDROXYPLATINUM(IV)

MUTATION DATA AND REFERENCES:

cyt-ham:ovr 94 mg/L BJCAAI 47,403,83

TP2494400 PLATINUM (II), DICHLORO(4,5-DIMETHOXY-o-PHENYLENEDIAMMINE)-

UPDT:8402 MW: 434.21 MOLFM: C8-H12-Cl2-N2-O2-Pt

SYN: DICHLORO(4,5-DIMETHOXY-o-PHENYLENEDIAMMINE)PLATINUM (II)

MUTATION DATA AND REFERENCES:

mmo-sat 22900 nmol/L JMCMAR 23,459,80

mma-sat 22900 nmol/L JMCMAR 23,459,80

PLATINUM, DICHLORO(N,N'-DIMETHYL-1,2-ETHANEDIAMINE-N,N')-, (SP-4-2)- see: TP2494700

TP2494600 PLATINUM (II), DICHLORO(N,N-DIMETHYLETHYLENEDIAMMINE)-

UPDT:8402 CAS: 41575-66-0 MW: 354.17 MOLFM: C4-H12-Cl2-N2-Pt

SYN: DICHLORO(N,N-DIMETHYLETHYLENEDIAMMINE)PLATINUM(II)

TOXICITY DATA AND REFERENCES:

ipr-mus LDLo:25 mg/kg BICHBX 2,187,73

TP2494700 PLATINUM (II), DICHLORO(N,N'-DIMETHYLETHYLENEDIAMMINE)-

UPDT:8402 CAS: 16786-98-4 MW: 354.17 MOLFM: C4-H12-Cl2-N2-Pt

SYN: DICHLORO(N,N'-DIMETHYLETHYLENEDIAMMINE)PLATINUM(II) * PLATINUM, DICHLORO(N,N'-DIMETHYL-1,2-ETHANEDIAMINE-N,N')-, (SP-4-2)-

TOXICITY DATA AND REFERENCES:

ipr-mus LDLo:75 mg/kg BICHBX 2,187,73

TP2494800 PLATINUM (II), DICHLORO(N,N-DIMETHYL-N'-ETHYLETHYLENEDIAMMINE)-

UPDT:8402 CAS: 41575-67-1 MW: 382.23 MOLFM: C6-H16-Cl2-N2-Pt

SYN: DICHLORO(N,N-DIMETHYL-N'-ETHYLETHYLENEDIAMMINE)PLATINUM(II)

TOXICITY DATA AND REFERENCES:

ipr-mus LDLo:120 mg/kg BICHBX 2,187,73

TP2494900 PLATINUM(II), DICHLORO(4,5-DIMETHYL-o-PHENYLENEDIAMMINE)-

UPDT:8407 MW: 402.21 MOLFM: C8-H12-Cl2-N2-Pt

SYN: DICHLORO(4,5-DIMETHYL-o-PHENYLENEDIAMMINE)PLATINUM (II)

MUTATION DATA AND REFERENCES:

mmo-sat 10200 nmol/L JMCMAR 23,459,80

mma-sat 10200 nmol/L JMCMAR 23,459,80

TP2495000 PLATINUM (II), DICHLORO(4,5-DIMETHYL-o-PHENYLENEDIAMMINE) (Z)-

UPDT:8402 MW: 402.21 MOLFM: C8-H12-Cl2-N2-Pt

SYN: cis-DICHLORO(4,5-DIMETHYL-o-PHENYLENEDIAMMINE)PLATINUM (II)

TOXICITY DATA AND REFERENCES:

2M30V30 ipr-mus LD50:283 mg/kg CBINA8 11,145,75

TP2495100 PLATINUM(II), DICHLORODIPYRIDINE-, (Z)-

UPDT:8402 MW: 424.21 MOLFM: C10-H10-Cl2-N2-Pt

SYN: cis-DICHLORO(DIPYRIDINE)PLATINUM(II)

MUTATION DATA AND REFERENCES:

mmo-sat 100 ug/plate MUREAV 97,79,82

mma-sat 100 ug/plate MUREAV 97,79,82

dnd-mam:lym 30 umol/L CBINA8 7,305,73

TP2497070 PLATINUM, DICHLORO(ETHYLENE)-, cis-

UPDT:8311 MW: 294.05 MOLFM: C2-H4-Cl2-Pt

SYN: cis-DICHLORO(ETHYLENE)PLATINUM

MUTATION DATA AND REFERENCES:

mma-sat 100 ng/plate PCJOAU 16,721,82

dnr-esc 100 ug/L PCJOAU 16,721,82

TP2497100 PLATINUM (II), DICHLORO(ETHYLENEDIAMMINE)-

UPDT:8402 CAS: 14096-51-6 MW: 326.11 MOLFM: C2-H8-Cl2-N2-Pt

SYN: DICHLORO(ETHYLENEDIAMMINE)PLATINUM(II) * ETHYLENEDIAMINEDICHLORIDE PLATINUM (II) * PLATINUM ETHYLENEDIAMINE DICHLORIDE

MUTATION DATA AND REFERENCES:

mmo-sat 2 ug/plate MUREAV 77,45,80

mma-sat 2 ug/plate MUREAV 77,45,80

dnd-esc 100 mmol/L CBINA8 16,39,77

pic-esc 25 umol/L CBINA8 4,66,71/72

dni-hmn:oth 25 umol/L IJCNAW 6,207,70

oms-hmn:oth 25 umol/L IJCNAW 6,207,70

dnd-mam:lym 50 umol/L CBINA8 10,27,75

dni-mam:lym 10 umol/L BCPCA6 23,1659,74

oms-mam:lym 10 umol/L BCPCA6 23,1659,74

TOXICITY DATA AND REFERENCES:

ipr-mus LDLo:14 mg/kg BICHBX 2,187,73

TP2497120 PLATINUM, DICHLORO(ETHYLENEDIAMMINE)-, cis-

UPDT:8407 MW: 326.11 MOLFM: C2-H8-Cl2-N2-Pt

SYN: cis-DICHLOROETHYLENEDIAMINEPLATINUM(II) * Pt-05

MUTATION DATA AND REFERENCES:

mmo-sat 10 ug/plate MUREAV 48,139,77

pic-esc 1 ug/plate BBRCA9 90,209,79

TP2497300 PLATINUM(II), DICHLORO(o-PHENYLENEDIAMMINE)-, (Z)-

UPDT:8407 CAS: 38780-39-1 MW: 374.15 MOLFM: C6-H8-Cl2-N2-Pt

SYN: cis-DICHLORO(o-PHENYLENEDIAMINE)PLATINUM (II) * DICHLORO(1,2-PHENYLENEDIAMMINE)PLATINUM (II)

MUTATION DATA AND REFERENCES:

mmo-sat 2300 nmol/L JMCMAR 23,459,80

mma-sat 2300 nmol/L JMCMAR 23,459,80

TOXICITY DATA AND REFERENCES:

2M30V16 ipr-mus LD50:48 mg/kg CBINA8 11,145,75

TP2497700 PLATINUM(II), (2,2-DIMETHYLPROPANE-1,3-DIAMMINE)MALONATO-

UPDT:8303 CAS: 72968-07-1 MW: 399.35 MOLFM: C8-H16-N2-O4-Pt

SYN: (2,2-DIMETHYLPROPANE-1,3-DIAMMINE)MALONATOPLATINUM(II)

MUTATION DATA AND REFERENCES:

mmo-sat 100 ug/plate MUREAV 97,79,82

mma-sat 100 ug/plate MUREAV 97,79,82

TP2497760 PLATINUM(II), (2,2-DIMETHYLPROPANE-1,3-DIAMMINE)TETRACHLORO-

UPDT:8303 CAS: 72968-10-6 MW: 439.10 MOLFM: C5-H14-Cl4-N2-Pt

SYN: (2,2-DIMETHYLPROPANE-1,3-DIAMMINE)TETRACHLOROPLATINUM(II)

MUTATION DATA AND REFERENCES:

mmo-sat 10 ug/plate MUREAV 97,79,82

mma-sat 10 ug/plate MUREAV 97,79,82

TP2497770 PLATINUM(II), (2,2-DIMETHYLPROPANE-1,3-DIAMMINE)TETRACHLORO-(Z)-

UPDT:8308 MW: 439.10 MOLFM: C5-H14-Cl4-N2-Pt

SYN: trans-(2,2-DIMETHYLPROPANE-1,3-DIAMMINE)TETRACHLOROPLATINUM(II)

MUTATION DATA AND REFERENCES:

oms-esc 50 umol/L MUREAV 94,53,82

TP2498300 PLATINUM(2+), DINITROTRIAMMINE-, DICHLORIDE

UPDT:8412 MW: 409.13 MOLFM: H9-N5-O4-Pt .2Cl

MUTATION DATA AND REFERENCES:

pic-esc 12500 nmol/L CBINA8 4,66,71/72

TP2501000 PLATINUM (II), DIPYRROLIDINEDICHLORO-, cis-

UPDT:8401 CAS: 38780-42-6 MW: 408.27 MOLFM: C8-H18-Cl2-N2-Pt

SYN: cis-DICHLOROBIS(PYRROLIDINE)PLATINUM (II) * cis-DIPYRROLIDINEDICHLOROPLATINUM (II)

MUTATION DATA AND REFERENCES:

mmo-sat 50 umol/plate CNREA8 39,913,79

TUMORIGENIC DATA AND REFERENCES:

2V01V10 scu-rat TDLo:91 mg/kg/6W-I CNREA8 39,913,79

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:240 mg/kg CBINA8 5,415,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PLATINUM ETHYLENEDIAMMINE DICHLORIDE see: TP2497100

PLATINUM (2-), NITROTRICHLORO-, DIPOTASSIUM see: TP1800000

TP2506000 PLATINUM(3+), PENTAAMMINECHLORO-, TRICHLORIDE

UPDT:8311 CAS: 16893-11-1 MW: 422.09 MOLFM: Cl-H15-N5-Pt .3Cl

SYN: PENTAAMMINECHLOROPLATINUM(3+) TRICHLORIDE

MUTATION DATA AND REFERENCES:

mma-sat 100 ng/plate PCJOAU 16,721,82

dnr-esc 100 ug/L PCJOAU 16,721,82

PLATINUM SPONGE see: TP2160000

PLATINUM SULFATE see: TP2506300

TP2506300 PLATINUM(II) SULFATE

UPDT:8205 MW: 387.21 MOLFM: O8-Pt-S2

SYN: PLATINUM SULFATE

MUTATION DATA AND REFERENCES:

msc-ham:ovr 140 umol/L MUREAV 67,65,79

TOXICITY DATA AND REFERENCES:

1V30 orl-mus LD50:281 mg/kg EVHPAZ 34,203,80

REVIEW AND REFERENCES:

★ TLV-TWA 2 ug(Pt)/m3 DTLVS* 4,343,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 ug(Pt)/m3 FEREAC 39,23540,74

PLATINUM SULFATE TETRAHYDRATE see: TP2507000

TP2507000 PLATINUM (II) SULFATE, TETRAHYDRATE

UPDT:7901 CAS: 69102-79-0 MW: 459.29 MOLFM: O8-Pt-S2 .4H2-O

SYN: PLATINUM SULFATE TETRAHYDRATE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1010 mg/kg EVHPAZ 10,95,75

ipr-rat LD50:312 mg/kg EVHPAZ 10,95,75

REVIEW AND REFERENCES:

★ TLV-TWA 2 ug(Pt)/m3 DTLVS* 4,343,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 ug(Pt)/m3 FEREAC 39,23540,74

TP2507130 PLATINUM(2+), TETRAAMMINEBIS(AMMINETRICHLOROPLATINATE(1-))-

UPDT:8412 MW: 900.21 MOLFM: H12-N4-Pt .Cl6-H6-N2-Pt2

MUTATION DATA AND REFERENCES:

pic-esc 100 umol/L CBINA8 4,66,71/72

TP2507150 PLATINUM(II), TETRAAMMINE-, DICHLORIDE

UPDT:8401 CAS: 13933-32-9 MW: 334.15 MOLFM: Cl2-H12-N4-Pt

SYN: PLATINUM(2+), TETRAAMMINE-, DICHLORIDE, (SP-4-1)- * PLATINNIUM(II), TETRAAMMINE, DICHLORIDE, (SP-4-1)- (9CI) * TETRAAMMINEDICHLOROPLATINUM(II) * TETRAAMMINEPLATINUM DICHLORIDE * TETRAAMMINEPLATINUM(II) DICHLORIDE * TETRAAMMINEPLATINUM(2+) DICHLORIDE

MUTATION DATA AND REFERENCES:

mma-sat 100 ng/plate PCJOAU 16,721,82

dnr-esc 100 ug/L PCJOAU 16,721,82

pic-esc 50 ug/plate CNREA8 43,2819,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

PLATINUM(2+), TETRAAMMINE-, DICHLORIDE, (SP-4-1)- see: TP2507150

PLATINUM(2-), TETRABROMO-, DIPOTASSIUM see: TP1830000

TP2509000 PLATINUM (II), TETRAKIS(AZIRIDINE)-, TETRACHLOROPLATINATE

UPDT:7901 CAS: 21654-60-4 MW: 704.30 MOLFM: C8-H20-N4-Pt .Cl4-Pt

SYN: TETRAKIS(ETHYLENEIMINE)PLATINUM(II) TETRACHLOROPLAINATE

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:37 mg/kg CBINA8 5,415,72

REVIEW AND REFERENCES:

★ TLV-TWA 2 ug(Pt)/m3 DTLVS* 4,343,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 ug(Pt)/m3 FEREAC 39,23540,74

cis-PLATINUM-2-THYMINE see: TP2509100

TP2509100 PLATINUM THYMINE BLUE

UPDT:8303 CAS: 63748-54-9

SYN: cis-PLATINUM-2-THYMINE * PTB

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T41T42T45 ipr-rat TDLo:40 mg/kg (6D preg) LIFSAK 31,757,82

1T34 ipr-rat TDLo:50 mg/kg (6D preg) LIFSAK 31,757,82

1T25 ipr-rat TDLo:20 mg/kg (7D preg) LIFSAK 31,757,82

REVIEW AND REFERENCES:

★ TLV-TWA 2 ug(Pt)/m3 DTLVS* 4,343,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 ug(Pt)/m3 FEREAC 39,23540,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TP2509170 PLATINUM(1+), TRIAMMINECHLORO-, (SP-4-2)-, (SP-4-2)-AMMINETRICHLOROPLATINATE(1-) (1:1)

UPDT:8311 CAS: 13820-45-6 MW: 600.14 MOLFM: Cl3-H3-N-Pt .Cl-H9-N3-Pt

SYN: MAGNUS RED

MUTATION DATA AND REFERENCES:

mmo-sat 25 ug/well ENMUDM 3,555,81

TP2509230 PLATINUM(1+), TRIAMMINETRICHLORO-, CHLORIDE

UPDT:8402 CAS: 17030-08-9 MW: 388.01 MOLFM: Cl3-H9-N3-Pt .Cl

SYN: TRIAMMINETRICHLOROPLATINUM(1+) CHLORIDE

MUTATION DATA AND REFERENCES:

	pic-esc 50 umol/L	CBINAB 4,66,71/72

TP2509250 PLATINUM URACIL BLUE

DEF:Reaction of cis-DIAMMINEDIAQUAPLATINUM(II) and URACIL (JCHODP 7,508,77)

UPDT:8109

MUTATION DATA AND REFERENCES:

	dnd-mam:lym 500 ppm	JCHODP 7,508,77

REVIEW AND REFERENCES:

★ TLV-TWA 2 ug(Pt)/m3	DTLVS* 4,343,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 ug(Pt)/m3	FEREAC 39,23540,74

PLATIPHILLIN HYDROCHLORIDE see: TP2519100

PLATIPHYLLIN HYDROCHLORIDE see: TP2519100

TP2509500 PLATYCODIN

DEF:A saponin fraction isolated from Platycodi Radix, the roots of Platycodon grandiflorum A.(YAHOA3 19,164,75)

UPDT:8411

SYN: CRUDE PLATYCODIN

TOXICITY DATA AND REFERENCES:

3F07F12J25	ipr-rat LD50:14 mg/kg	YKKZAJ 92,951,72
	orl-mus LD50:420 mg/kg	YAHOA3 19(3),164,75
	ipr-mus LD50:22 mg/kg	YAHOA3 19(3),164,75
3F07F12J25	ipr-gpg LD50:23 mg/kg	YKKZAJ 92,951,72

PLATYNECINE 7,9-BIS(SENECIOATE) see: EM9253350 2-BUTENOIC ACID, 3-METHYL-, HEXAHYDRO-7-(((3METHYL-1-OXO-2-BUTENYL)OXY)METHYL)-1H- PYRROLIZIN-1-YL ESTER, (1R-(1-alpha,7-alpha,7a-beta)-

PLATYNECINE-7,9-SENECIOATE see: EM9253350 2-BUTENOIC ACID, 3-METHYL-, HEXAHYDRO-7-(((3-METHYL-1-OXO-2-BUTENYL)OXY)METHYL)-1H- PYRROLIZIN-1-YL ESTER, (1R-(1-alpha,7-alpha,7a-beta)-

TP2519100 PLATYPHYLLINE HYDROCHLORIDE

UPDT:8404 MW: 373.92 MOLFM: C18-H27-N-O5 .Cl-H

SYN: PLATIPHILLIN HYDROCHLORIDE * PLATIPHYLLIN HYDROCHLORIDE * SENECIONAN-11,16-DIONE, 1,2-DIHYDRO-12-HYDROXY-, HYDROCHLORIDE, (1-alpha)-

MUTATION DATA AND REFERENCES:

	sln-dmg-par 20 umol/L	ZEVBA5 91,74,60

TOXICITY DATA AND REFERENCES:

3H30J16P01	ipr-rat LD50:160 mg/kg	FRBGAT 9,142,68
2F12J30	ivn-rat LDLo:60 mg/kg	JPETAB 68,130,40
2F12J30	ivn-mus LDLo:10 mg/kg	JPETAB 68,130,40
3F11F12J30	ivn-mky LDLo:20 mg/kg	JPETAB 68,130,40
2F12J30	ivn-gpg LDLo:55 mg/kg	JPETAB 68,130,40

PLAXIDOL see: KK2275000

PLC see: SZ6116000

PLE 1053 see: WO8900000

TP2520800 PLECOSPERMUM SPINOSUM Trec., extract excluding roots

DEF:Indian plant belonging to the family MORACEAE (IJEBA6 15,208,77)

UPDT:8408

TOXICITY DATA AND REFERENCES:

1Y55	ipr-mus LD50:750 mg/kg	IJEBA6 15,208,77

TP2550000 PLECTRANTHUS MOLLIS (Ait.) Spreng., extract

DEF:Indian plant belonging to the family LABIATAE (IJEBA6 9,91,71)

UPDT:8302

TOXICITY DATA AND REFERENCES.

1J30	ipr-mus LD50:1000 mg/kg	IJEBA6 9,91,71

PLECYAMIN see: GG3750000

PLEGATIL see: BR8475000

PLEGECYL see: OB2275000

PLEGICIL see: OB2275000

PLEGICIN see: OB2275000

PLEGICYL see: OB2275000

PLEGINE see: QE2450000

PLEGOMAZIN see: SO1750000

PLEGOMAZIN see: SN8925000

PLEMOCIL see: GD8970000

PLENASTRIL see: BV8060000

PLENOLIN see: BD9638000

PLENUR see: OJ5800000

PLEOCIDE see: XJ1570000

PLESSY'S GREEN (HEMIHEPTAHYDRATE) see: GB6840000

PLESTROVIS see: RC8948000

PLEUROMUTILIN see: MC5408000

TP3338200 PLEUROSTYLIA WIGHTII W. & A., extract excluding roots

DEF:Indian plant belonging to the family CALASTRACEAE (IJEBA6 12,512,74)

UPDT:8305

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:250 mg/kg	IJEBA6 12,512,74

PLEX 8572-F see: TR0400000

PLEXIGLAS see: TR0400000

PLEXIGUM M 920 see: TR0400000

PLH see: OK6367000

PLICACETIN see: CV2150000

TP3400000 PLICATIC ACID

UPDT:8407 CAS: 16462-65-0 MW: 422.42 MOLFM: C20-H22-O10

SYN: DUST, WESTERN RED CEDAR * THUJA PLICATA, extract

TOXICITY DATA AND REFERENCES:

2J04J21	ihl-man TCLo:2500 gm/m3	ARDSBL 108,1094,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PLICTRAN see: WH8750000

PLIDAN see: DF1575000

PLIMASINE see: TM3675000

TP3710000 PLIOFILM

UPDT:8401 CAS: 9006-00-2 MOLFM: (C3-H5-Cl)n

SYN: PERMASEAL * RUBBER HYDROCHLORIDE * RUBBER HYDROCHLORIDE POLYMER

TUMORIGENIC DATA AND REFERENCES:

2V03V10	imp-rat TDLo:18 mg/kg	CNREA8 15,333,55

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PLIOFLEX see: WL6475000

PLIOGRIP see: TR7875000

PLIOLITE see: EI9150000

PLIOLITE 151 see: WL6478000

PLIOLITE 160 see: WL6478000

PLIOLITE 491 see: WL6478000

PLIOLITE 55B see: WL6478000

PLIOLITE S5 see: WL6478000

PLIOLITE S 50 see: WL6478000

PLIOLITE S 5A see: WL6478000

PLIOLITE S-5B see: WL6478000

PLIOLITE S-5C see: WL6478000

PLIOLITE S 5D see: WL6478000

PLIOLITE S-5E see: WL6478000

PLIOVAC AO see: AK0950000

PLIOVIC see: KV0350000

PLIOVIC AO see: AK0950000

PLIOVIC DB 80V see: KV0350000

PLIOVIC D 100X see: KV0350000

PLIOVIC K 906 see: KV0350000

PLIOVIC K 90E see: KV0350000

PLIOVIC S 50 see: KV0350000

PLISULFAN see: DA9520000

PLIVA see: IA2100000

PLIVAPHEN see: OB2275000

PLLETIA see: SO8225000

PLOMB FLUORURE (French) see: OG1225000

PLONDREL see: TB2050000

PLOSTENE see: CB4375000

TP3905850 PLUCHEA CAROLINENSIS (Jacq.) G. Don, leaf and stem extract

DEF:Jamaican plant belonging to the family COMPOSITAE (JPPMAB 14,556,62)

UPDT:8405

TOXICITY DATA AND REFERENCES:

*	ipr-mus LDLo:20 gm/kg	JPPMAB 14,556,62

TP3905900 PLUCHEA INDICA Less., extract excluding roots

DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 11,43,73)

UPDT:8302

SYN: KUKRONDA EXTRACT

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:750 mg/kg	IJEBA6 11,43,73

TP3905920 PLUCHEA TOMENTOSA DC., extract excluding roots

DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 11,43,73)

UPDT:8302

TOXICITY DATA AND REFERENCES:

1U26	ipr-mus LD50:500 mg/kg	IJEBA6 11,43,73

PLUCKER see: QJ0875000

PLUMBAGIN see: QL8500000

PLUMBAGO see: FF5250100

TP3920450 PLUMBAGO CAPENSIS Thunb., leaf and stem extract

DEF:Jamaican plant belonging to the family PLUMBAGINACEAE (JPPMAB 16,115,64)

UPDT:8405

TOXICITY DATA AND REFERENCES:

1H02	ipr-mus LDLo:20 gm/kg	JPPMAB 16,115,64

TP3920600 PLUMBAGO ZEYLANICA Linn., root extract

DEF:Indian plant belonging to the family PLUMBAGINACEAE (IJEBA6 7,250,69)

UPDT:8305

SYN: CHITA ROOT EXTRACT * CHITRAKA ROOT EXTRACT

TOXICITY DATA AND REFERENCES:

1U26	ipr-mus LD50:500 mg/kg	IJEBA6 7,250,69

TP3921500 PLUMBANE, ACETOXYTRIBUTYL-

UPDT:8305 CAS: 2587-82-8 MW: 437.63 MOLFM: C14-H30-O2-Pb

SYN: ACETOXYTRIBUTYLPLUMBANE * TRI-n-BUTYLPLUMBYL ACETATE

TOXICITY DATA AND REFERENCES:

2C08F23	ipr-rat LD50:13 mg/kg	APFRAD 24,17,66
2C08F23	ipr-mus LD50:23 mg/kg	APFRAD 24,17,66
*	ivn-mus LD50:8900 ug/kg	CSLNX* NX#04713

TP3922000 PLUMBANE, ACETOXYTRIETHYL-

UPDT:8305 CAS: 2587-81-7 MW: 353.45 MOLFM: C8-H18-O2-Pb

SYN: ACETOXYTRIETHYLPLUMBANE * TRIETHYLPLUMBYL ACETATE

TOXICITY DATA AND REFERENCES:

3C08F11F12	orl-rat LD50:57 mg/kg	APFRAD 24,17,66
3C08F11F12	ipr-rat LD50:30 mg/kg	APFRAD 24,17,66
3C08F11F12	orl-mus LD50:25 mg/kg	APFRAD 24,17,66
3C08F11F12	ipr-mus LD50:15 mg/kg	APFRAD 24,17,66
*	ivn-mus LD50:14 mg/kg	CSLNX* NX#04715

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TP3922100 PLUMBANE, ACETOXYTRIMETHYL-

UPDT:8305 CAS: 5711-19-3 MW: 311.36 MOLFM: C5-H12-O2-Pb

SYN: ACETATE de TRIMETHYLPLOMB (French) * ACETOXYTRIMETHYLPLUMBANE

TOXICITY DATA AND REFERENCES:

3C08F11F12	ipr-rat LD50:66 mg/kg	APFRAD 24,17,66
3C08F11F12	orl-mus LD50:82 mg/kg	APFRAD 24,17,66
3C08F11F12	ipr-mus LD50:34 mg/kg	APFRAD 24,17,66

TP3922400 PLUMBANE, ACETOXYTRIPROPYL-

UPDT:8305 CAS: 13266-07-4 MW: 395.54 MOLFM: C11-H24-O2-Pb

SYN: ACETATE de TRIPROPYLPLOMB (French) * ACETOXYTRIPROPYLPLUMBANE

TOXICITY DATA AND REFERENCES:

2C08F23	orl-rat LD50:214 mg/kg	APFRAD 24,17,66
2C08F23	ipr-rat LD50:17 mg/kg	APFRAD 24,17,66
2C08F23	orl-mus LD50:236 mg/kg	APFRAD 24,17,66
2C08F23	ipr-mus LD50:24 mg/kg	APFRAD 24,17,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TP4025000 PLUMBANE, CHLOROTRIETHYL-

UPDT:8411 CAS: 1067-14-7 MW: 329.85 MOLFM: C6-H15-Cl-Pb

SYN: LEAD, TRIETHYL-, CHLORIDE * PLUMBANE, TRIETHYLCHLORO- * TRIETHYL LEAD CHLORIDE

MUTATION DATA AND REFERENCES:

	sln-dmg-orl 4 mg/L	AMBOCX 1,28,72

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-mus TDLo:4500 ug/kg (3-5D preg)	TXAPA9 39,359,77
1T22	orl-mus TDLo:6600 ug/kg (3-5D preg)	TXAPA9 39,359,77
1T19	ipr-mus TDLo:6 mg/kg (3-4D preg)	APTOA6 50,241,82
1T32	ipr-gpg TDLo:2500 ug/kg (62D preg)	TXCYAC 27,111,83

TOXICITY DATA AND REFERENCES:

	ipr-rat LDLo:5 mg/kg	JPETAB 38,161,30
*	scu-rat LD50:11 mg/kg	NTOTDY 4,671,68
*	par-rat LD50:11 mg/kg	AOHYA3 3,226,61
	ivn-rbt LDLo:7 mg/kg	JPETAB 34,85,28

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: 85DHAX Pb,255,72

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TP4550000 PLUMBANE, TETRAETHYL-

UPDT:8408 CAS: 78-00-2 MW: 323.47 MOLFM: C8-H20-Pb

SYN: CZTEROETYLEK OLOWIU (Polish) * LEAD, TETRAETHYL- * NA 1649 (DOT) * NCI-C54988 * RCRA WASTE NUMBER P110 * TEL * TETRAETHYL LEAD * TETRAETHYL LEAD, liquid (including flashpoint for export shipment by water) (DOT) * TETRAETHYLPLUMBANE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	orl-rat TDLo:11 mg/kg (6-16D preg)	FCTXAV 13,629,75

2T25T34	orl-rat TDLo:7500 ug/kg (12-14D preg)	TXAPA9 21,265,72
1T34	orl-mus TDLo:11 mg/kg (5-15D preg)	FCTXAV 13,629,75

TUMORIGENIC DATA AND REFERENCES:

3V01L60P62	scu-mus TDLo:100 mg/kg/21D-I	EXPEAM 24,580,68

TOXICITY DATA AND REFERENCES:

	unk-man LDLo:1470 ug/kg	85DCAI 2,73,70
3F05F12F43	orl-rat LD50:12300 ug/kg	EXPEAM 28,923,72
	ihl-rat LC50:850 mg/m3/60M	BJIMAG 18,277,61
	ipr-rat LDLo:10 mg/kg	JPETAB 38,161,30
	ivn-rat LDLo:31 mg/kg	BJIMAG 18,277,61
*	par-rat LD50:15 mg/kg	AOHYA3 3,226,61
	ihl-mus LCLo:650 mg/m3/7H	SAIGBL 15,3,73
	scu-mus LDLo:86 mg/kg	EXPEAM 24,580,68
	skn-dog LDLo:547 mg/kg	SAIGBL 15,3,73
	orl-rbt LDLo:30 mg/kg	SAIGBL 15,3,73
	skn-rbt LDLo:830 mg/kg	SAIGBL 15,3,73
	scu-rbt LDLo:32 mg/kg	EQSSDX 1,1,75
	ivn-rbt LDLo:23 mg/kg	JPETAB 38,161,30
	skn-gpg LDLo:995 mg/kg	SAIGBL 15,3,73

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: JORCAI 76(3),265,74; JAMAAP 105,578,35; FCTXAV 9,105,71; AJMEAZ 38,409,65; 85DHAX Pb,255,72

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 2,150,73
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 23,325,80
★ TLV-TWA 100 ug(Pb)/m3; STEL 300 ug(Pb)/m3 (skin)	DTLVS* 4,392,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 75 ug(Pb)/m3 (skin) (SCP-W)	FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172.101,82

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S383*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1078-0249
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TP4725000 PLUMBANE, TETRAMETHYL-

UPDT:8404 CAS: 75-74-1 MW: 267.35 MOLFM: C4-H12-Pb
SYN: LEAD, TETRAMETHYL- * TETRAMETHYL LEAD * TETRAMETHYLPLUMBANE * TML

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T34	orl-rat TDLo:112 mg/kg (9-11D preg)	TXAPA9 21,265,72
1T46	orl-rat TDLo:80 mg/kg (9-11D preg)	TXAPA9 21,265,72

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:109 mg/kg	BJIMAG 18,277,61
	ipr-rat LDLo:73 mg/kg	JPETAB 38,161,30
*	par-rat LD50:105 mg/kg	AOHYA3 3,226,61
	orl-rbt LDLo:24 mg/kg	SAIGBL 15,3,73
	skn-rbt LDLo:3391 mg/kg	SAIGBL 15,3,73
	ivn-rbt LDLo:90 mg/kg	JPETAB 38,161,30

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: 85DHAX Pb,255,72

★ CARCINOGENIC REVIEW:INDEFINITE	IARC** 2,150,73
★ CARCINOGENIC REVIEW:NO DATA	IARC** 23,325,80
★ TLV-TWA 150 ug(Pb)/m3; STEL 500 ug(Pb)/m3 (skin)	DTLVS* 4,393,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 75 ug(Pb)/m3 (skin) (SCP-W)	FEREAC 43,57601,78

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S384*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1078-0249
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PLUMBANE, TRIETHYLCHLORO- see: TP4025000
PLUMBOPLUMBIC OXIDE see: OG5425000
PLUMBOUS ACETATE see: OF8050000
PLUMBOUS ACETATE see: AI5250000
PLUMBOUS CHLORIDE see: OF9450000
PLUMBOUS CHROMATE see: GB2975000
PLUMBOUS FLUORIDE see: OG1225000
PLUMBOUS OXIDE see: OG1750000
PLUMBOUS PHOSPHATE see: OG3675000
PLUMBOUS SULFIDE see: OG4550000
PLURAFAC RA 43 see: MD0875000
PLURAZOL see: DA9625000

TP6493000 PLURONIC POLYOLS

UPDT:8309
SYN: alpha-HYDRO-omega-HYDROXY-POLY(OXYETHYLENE)-POLY(OXYPROPYLENE) BLOCK COPOLYMERS

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:5000 mg/kg	FMCHA2 -,C190,83

PLURYL see: DK8225000
PLURYLE see: DK8225000
PLUSURIL see: DK8225000

TP6670000 PLUTONIUM NITRATE (solution)

UPDT:8308 CAS: 14913-29-2 MW: 1771.02 MOLFM: H-N-O3 .xPu
SYN: NA 9185 (DOT) * PLUTONIUM NITRATE SOLUTION (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:RADIOACTIVE MATERIAL; LABEL:RADIOACTIVE AND CORROSIVE	CFRGBR 49,172.101,82

PLUTONIUM NITRATE SOLUTION (DOT) see: TP6670000
PLYAMINE HD 1129A see: YU1610000
PLYAMINE P 364BL see: YU1610000
PLYAMUL 40-155 see: AK0920000
PLYAMUL 40-350 see: AK0920000
PLYCTRAN see: WH8750000
PLYMOUTH IPP see: RT4900000
P.M. 231 see: UQ8652000
PM245 see: KV1915000
PM 255 see: KR6825000
P.M. 292 see: UQ8522000
P.M. 306 see: UQ8402000
P.M. 308 see: UQ8514500
P.M. 322 see: UQ8515500
P.M. 330 see: UQ8513000
P.M. 332 see: UQ8512500
PM 334 see: WN3325000
P.M. 342 see: UQ8170000
P.M. 346 see: UU4021000
P.M. 360 see: UU7450000
P.M. 374 see: UU6954000
P.M. 388 see: UU6855800
PM 396 see: WN2625000
P.M. 396 see: UQ8152000
P.M. 402 see: UU5084000
P.M. 420 see: UQ8512000
P.M. 450 see: UU4020900
P.M. 460 see: UU6953000
P.M. 464 see: UU7430000
P.M. 474 see: BS3859550
P.M. 474 see: UU6855700
P.M. 502 see: BS3859780
P.M. 524 see: UU5083000
P.M. 530 see: BS3859700
P.M. 558 see: BS3859200
P.M. 558 see: BS3859250
P.M. 586 see: BS3859660
P.M. 606 see: BS3859300
P.M. 606 see: BS3859350
P.M. 614 see: BS3859500
P.M. 626 see: BS3859100
P.M. 642 see: BS3859430
P.M. 670 see: BS3859630
PM 671 see: WN2800000
P.M. 726 see: BS3859400
P.M. 782 see: BS3859740
P.M. 838 see: BS3859720
P.M. 894 see: BS3859460
P.M. 434,526 see: YS7609600
PMA see: OV6475000
PMA see: GZ0630000
PMAC see: OV6475000
PMACETATE see: OV6475000
P. MACULIFRONS VENOM, QUEEN see: YX4539400
P. MACULIFRONS VENOM, WORKER see: YX4539500
PMAL see: OV6475000
PMAS see: OV6475000
PMA VIOLET 3 see: GE4518000
PMB see: GL1224000
PMC see: OW1400000
PMDT see: IE2100000
P.M.F. see: OW6300000
PMFP see: TA8750000
PMH see: RY1105000
PMHI MALEATE see: NK7534700
PMHI HYDROCHLORIDE see: NK7534600
PMMA see: TR0400000
PMMA-A see: TR0400000
PMxMMy see: GZ4060000
PMP see: UH1575000
PMP see: TE2275000
PMS see: PB2680000
PMS see: SP0175000
PMS see: TU4517000
PMS 1.5 see: JT6485000
PMS 300 see: JT6485000
PMS 154A see: JT6485000
PMS 200A see: JT6485000
PMSD see: BV8397600
PMSF see: XT8050000
PMSG see: TU4517000
PMS No. 1 see: MD0907300
PMS No. 2 see: TQ5400000
PMT see: XF8225000
PMT see: XY2784000
PN see: UX9450000
PN/135 see: RQ2975000
PNA see: BY7000000
PNAP see: AM9627000
PNB see: DV5600000
PNBAS see: VO5310000
PNB SER CNU see: VT9609500
PNCB see: CZ1050000
PNEUMOREL see: RO0375000
PNNG see: MF4640000
PNOT see: XU8225000
PNS 25 see: JT6485000
PNT see: XT3325000
PNU see: YT9740000
PNX (French) see: ZF0810000
PO 357 see: WH1332500
POAST see: GW7191000
PO-DIMETHOATE see: TF8050000
PODINA, leaf extract see: OS8058900 MENTHA ARVENSIS Linn., leaf extract

TP8580000 PODOCARPA-7,13-DIEN-15-OIC ACID, 13-ISOPROPYL-

UPDT:8403 CAS: 514-10-3 MW: 302.50 MOLFM: C20-H30-O2
SYN: ABIETIC ACID * 13-ISOPROPYLPODOCARPA-7,13-DIEN-15-OIC ACID * SYLVIC ACID

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:180 mg/kg	CSLNX* NX#02819

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

TP8590000 PODOCARPA-7,13-DIEN-15-OIC ACID, 13-ISOPROPYL-, METHYL ESTER

UPDT:8403 CAS: 127-25-3 MW: 316.53 MOLFM: C21-H32-O2
SYN: ABIETIC ACID, METHYL ESTER * METHYL ABIETATE * METHYL ESTER of WOOD ROSIN * WOOD ROSIN, METHYL ESTER

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	FCTXAV 12,931,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

TP8625000 PODOCARPANE-delta(sup 13,alpha)-ACETIC ACID, 3-beta-HYDROXY-, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8406 MW: 414.09 MOLFM: C23-H39-N-O3 Cl-H

TOXICITY DATA AND REFERENCES:

1J30	ivn-dog LDLo:2193 ug/kg	JMCMAR 10,584,67

TP8640000 8-beta-PODOCARPANE-delta(sup 13,alpha)-ACETIC ACID, 3-beta-HYDROXY-14-alpha-METHYL-7-OXO-, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE, (E)-

UPDT:8406 CAS: 33445-03-3 MW: 442.10 MOLFM: C24-H39-N-O4 .Cl-H
SYN: CASSAINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2G04J30	ivn-dog LDLo:400 ug/kg	JMCMAR 10,582,67

* ivn-gpg LDLo:2640 ug/kg APSXAS 13,35,76

TP8731000 PODOCARPA-8,11,13-TRIEN-15-OIC ACID, 13-ISOPROPYL-7-OXO-
UPDT:8402 CAS: 18684-55-4 MW: 314.46 MOLFM: C20-H26-O3
SYN: 13-ISOPROPYL-7-OXOPODOCARPA-8,11,13-TRIEN-15-OIC ACID * 7-KETODEHYDROABIETIC ACID * 7-OXODEHYDROABIETIC ACID
MUTATION DATA AND REFERENCES:
mmo-smc 250 mg/L MUREAV 119,273,83

TP8740000 PODOCARP-8(14)-EN-15-OIC ACID, 13-ISOPROPYLIDENE-
UPDT:8405 CAS: 471-77-2 MW: 302.50 MOLFM: C20-H30-O2
SYN: NEOABIETIC ACID
MUTATION DATA AND REFERENCES:
mmo-sat 500 ug/plate ENMUDM 1,361,79
mmo-sat 500 ug/plate ENMUDM 1,361,79
mmo-smc 750 mg/L MUREAV 119,273,83
dnr-ssp 90 nmol/L CNJGA8 24,771,82

TP8744000 PODOCARPUS BREVIFOLIUS Stapf, leaf extract
DEF:Indian plant belonging to the family PODOCARPACEAE (IJEBA6 16,696,78)
UPDT:8408
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:280 mg/kg (21D pre/1-7D preg) IJEBA6 16,696,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TP8745000 PODOCARPUS MANNII Hk. f., extract excluding roots
DEF:Indian plant belonging to the family PODOCARPACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:375 mg/kg IJEBA6 12,512,74

TP8746000 PODOCARPUS NERRIFOLIA D. Don, extract excluding roots
DEF:Indian plant belonging to the family PODOCARPACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:187 mg/kg IJEBA6 12,512,74

PODOFILLINA (Italian) see: TP8925000
PODOPHYLLIC ACID ETHYLHYDRAZIDE see: TP8800000

TP8800000 PODOPHYLLIC ACID, 2-ETHYLHYDRAZIDE
UPDT:8302 CAS: 1508-45-8 MW: 474.56 MOLFM: C24-H30-N2-O8
SYN: MITOPODOZIDE * NSC-72274 * PODOPHYLLIC ACID ETHYLHYDRAZIDE * PODOPHYLLINIC ACID 2-ETHYLHYDRAZIDE * PRORESID * PRORESIDE * PRORESIPAR * SP-I 77 * SP-I (PHARMACEUTICAL) * SP-I SANDOZ * SP-I
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:140 mg/kg ARZNAD 20,1467,70
unk-rat LD50:140 mg/kg ARZNAD 20,363,70

TP8925000 PODOPHYLLIN
UPDT:8401 CAS: 9000-55-9
SYN: PODOFILLINA (Italian) * PODOPHYLLUM * PODOPHYLLUM RESIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:2500 ug/kg (8-12D preg) ANREAK 157,237,67
2T25T34 ipr-rat TDLo:10 mg/kg (11-12D preg) PSEBAA 113,124,63
1T35 ipr-rat TDLo:20 mg/kg (18-19D preg) PSEBAA 113,124,63
1T33 ipr-mus TDLo:7500 ug/kg (9D preg) CNJGA8 15,491,73
TUMORIGENIC DATA AND REFERENCES:
3V02J60P61 orl-mus TDLo:92 gm/kg/60W-C CNREA8 28,2272,68
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:15 mg/kg PSEBAA 113,124,63
scu-rat LDLo:18 mg/kg PSEBAA 77,269,51
3C08F23K12 par-rat LD50:25 mg/kg AIPTAK 84,68,50
orl-mus LD50:68 mg/kg PSEBAA 77,269,51
scu-mus LD50:58 mg/kg PSEBAA 77,269,51
unk-dog LDLo:120 mg/kg HBAMAK 4,1289,35
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTRRDO 60,1171,76; BMJOAE 3,391,72; CTOXAO 16,283,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PODOPHYLLINIC ACID 2-ETHYLHYDRAZIDE see: TP8800000
PODOPHYLLINIC ACID LACTONE see: LV2500000
PODOPHYLLOTOXIN see: LV2500000
PODOPHYLLUM see: TP8925000

TP9040000 PODOPHYLLUM PELTATUM L., fruit extract
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:30 gm/kg JTEHD6 1,939,76

PODOPHYLLUM RESIN see: TP8925000
POE 20 SORBITAN MONOLAURATE see: TR7400000
POGONOMYRMEX BADIUS VENOM see: YX4179000
POGONOMYRMEX BARBATUS VENOM see: YX4179200
POGONOMYRMEX COMANCHE VENOM see: YX4179300
POGONOMYRMEX RUGOSUS VENOM see: YX4179500

TP9090000 POGOSTEMON PLECTORANTHOIDES, extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

TP9100000 POGOSTEMON WIGHTII Benth., extract excluding roots
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

POINSETTIA see: LE5943000
POINSETTIA PULCHERRIMA GRAH see: LE5943000
POINT TWO see: WB0350000
POISON BLACK CHERRY see: CT3750000
POISON, MUSSEL see: QG5223970
POISON OAK URUSHIOL see: YV0610000
POISON OAK URUSHIOL ACETATE see: YV0610100
POK 60 see: KV0350000

TP9230000 POKEWEED ANTIVIRAL PROTEIN
DEF:A basic protein with a molecular weight of 29,000 isolated from PHYTOLACCA AMERICANA(AMACCQ 23,390,83)
UPDT:8312
SYN: PAP
MUTATION DATA AND REFERENCES:
dni-omi 3 umol/L AMACCQ 23,390,83

POKILOCERIN A see: EW8750000
POLAAX see: RG2010000
POLACARITOX see: WR5850000
POLACTINE G YELLOW see: GE5170000
POLAKTYN YELLOW G see: GE5170000
POLAMIDON see: MJ6475000
POLAMIDON see: MJ5950000
POLAMIDONE see: MJ5950000
POLARAMIN see: US6504000
POLARAMINE MALEATE see: US6504000
POLARIS see: MB9120000
POLARONIL see: US6379500
POLARONIL (German) see: US6475000
POLAR RED GBD see: QJ6478000
POLAR RED R see: QJ6478000
POLAR RED RS see: QJ6475500
POLASI EXTRACT (Indian) see: GF1695000
POLAXAL VIOLET 6B see. BQ1140000
POLCOMINAL see: CQ6825000
POLEON see: QN2885000
POLFOS see: TB8460000
POLFOSCHLOR see: TA0700000
POLICAPRAN see: TQ9800000
POLICAR MZ see: ZB3200000
POLICAR S see: ZB3200000
POLIDOCANOL see: MD0875000
POLIFEN see: KX4025000
POLIFLOGIL see: UQ8400000
POLIGOSTYRENE see: WL5475000
POLIK see: KO1225000
POLIKARBATSIN (Russian) see: TR6250000
POLINALIN see: CD2625000
POLISEPTIL see: WP2360000
POLISIN see: XY4390000
POLISOL S-3 see: AK0920000
POLISTES INFUSCATUS VENOM see: YX4182870
POLITEF see: KX4025000
POLITEN see: TQ3325000
POLITEN I 020 see: TQ3325000
POLIURON see: DK8225000
POLIVAL see: DE0700000
POLIVINIT see: KV0350000
POLLACID see: BQ7875000
POLNOKS R see: TQ2625000
POLOPIRYNA see: VO0700000
POLOXAL RED 2B see: QK1925000
POLPHOS see: TB8460000
POLSTIGMINE see: CY1225000
POLWINIT see: KV0350000
POLY see: YK4900000
POLYACRYLATE see: AT4680000
POLY(ACRYLIC ACID) see: AT4680000
POLYACRYLONITRILE with 1,3-BUTADIENE and ETHENYLBENZENE see: AT6970000
POLYAETHYLEN (German) see: TQ3325000
POLYAETHYLENGLYKOLE #200 (German) see: TQ3600000
POLYAETHYLENGLYKOLE #238 (German) see: TQ3610000
POLYAETHYLENGLYKOLE #282 (German) see: TQ3620000
POLYAETHYLENGLYKOLE #300 (German) see: TQ3630000
POLYAETHYLENGLYKOLE #400 (German) see: TQ3675000
POLYAETHYLENGLYKOLE #810 (German) see: TQ3850000
POLYAETHYLENGLYKOLE #1000 (German) see: TQ4025000
POLYAETHYLENGLYKOLE #1250 (German) see: TQ4027000
POLYAETHYLENGLYKOLE #1500 (German) see: TQ4030000
POLYAETHYLENGLYKOLE #1540 (German) see: TQ4040000
POLYAETHYLENGLYKOLE #4000 (German) see: TQ4050000
POLYAETHYLENGLYKOLE #6000 (German) see: TQ4100000
POLYAETHYLENGLYKOLE #10000 see: TQ4110000

TQ0360000 POLYALKYLARYLSULFONIC ACID, SODIUM SALT
UPDT:8406
SYN: SODIUM PAAS * SODIUM POLYALKYLARYLSULFONATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:20160 mg/kg (24W male) OYYAA2 13,147,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TQ0420000 POLYALTHIA CERASOIDES Benth. & Hook. f., extract excluding roots
DEF:Indian plant belonging to the family ANNONACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: CHAMPA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 7,250,69

POLYAMID (German) see: RF5250000
POLYAMIDE 6 see: TQ9800000
POLYAMIDE PK 4 see: TQ9800000
POLY(epsilon-AMINOCAPROIC ACID) see: TQ9800000
POLYBENZARSOL see: CH9495000
POLYBIA CHRYSOTHORAX VENOM see: YX4179960
POLYBOR see: VZ2275000
POLYBOR see: JN4950000
POLYBOR 3 see: JN4950000

TQ0950000 POLYBOR-CHLORATE
UPDT:8309 CAS: 9011-70-5
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4330 mg/kg FMCHA2 -,C192,83

POLYBRENE see: MO1400000
POLYBROMINATED BIPHENYL see: DV5330000
POLYBROMINATED BIPHENYL see: LK5065000
POLYBROMINATED BIPHENYL (FF-1) see: LK5065000 FIREMASTER FF-1
POLYBROMINATED BIPHENYLS see: LK5060000
POLYBROMINATED SALICYLANILIDE see: VN8925000
POLYBROMOETHYLENE see: KU8800000
POLYBUTADIENE-POLYSTYRENE COPOLYMER see: WL6478000
POLYCAPROAMIDE see: TQ9800000
POLY(epsilon-CAPROAMIDE) see: TQ9800000
POLYCAPROLACTAM see: TQ9800000
POLY(epsilon-CAPROLACTAM) see: TQ9800000
POLYCARBACIN see: TR6250000
POLYCARBACINE see: TR6250000
POLYCARBAMATE see: ZH0380000
POLYCARBAZIN see: TR6250000
POLYCARBAZINE see: TR6250000

TQ1286000 POLYCARPAEA CORYMBOSA (L.) Lamk., extract
DEF:Indian plant belonging to the family CARYOPHYLLACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

POLYCAT 8 see: GX1198000
POLYCHLORCAMPHENE see: XW5250000
POLYCHLORINATED BIPHENYL see: TQ1350000

TQ1350000 POLYCHLORINATED BIPHENYLS

UPDT:8412 CAS: 1336-36-3

SYN: AROCLOR * AROCLOR 1221 * AROCLOR 1232 * AROCLOR 1242 * AROCLOR 1248 * AROCLOR 1254 * AROCLOR 1260 * AROCLOR 1262 * AROCLOR 1268 * AROCLOR 2565 * AROCLOR 4465 * BIPHENYL, POLYCHLORO- * CHLOPHEN * CHLOREXTOL * CHLORINATED BIPHENYL * CHLORINATED DIPHENYL * CHLORINATED DIPHENYLENE * CHLORO BIPHENYL * CHLORO 1,1-BIPHENYL * CLOPHEN * DYKANOL * FENCLOR * INERTEEN * KANECHLOR * KANECHLOR 300 * KANECHLOR 400 * KANECHLOR 500 * MONTAR * NOFLAMOL * PCB * PCBs * PCB (DOT) * PHENOCHLOR * PHENOCLOR * POLYCHLORINATED BIPHENYL * POLYCHLORINATED BIPHENYLS (DOT) * POLYCHLOROBIPHENYL * PYRALENE * PYRANOL * SANTOTHERM * SANTOTHERM FR * SOVOL * THERMINOL FR-1 * UN 2315 (DOT)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T71T72T75	orl-mam TDLo:325 mg/kg (30D pre/1-36D preg)	AMBOCX 6,239,77
1T81	orl-mam TDLo:325 mg/kg (30D pre/1-36D preg)	AMBOCX 6,239,77

TUMORIGENIC DATA AND REFERENCES:

2V03L60	orl-rat TDLo:16800 mg/kg/2Y-C	TOERD9 1,159,78
3V01J60L60	orl-mus TDLo:1250 mg/kg/25W-I	FCTOD7 21,688,83
2V01L60	orl-rat TD :1250 mg/kg/25W-I	FCTOD7 21,688,83

TOXICITY DATA AND REFERENCES:

3L30U01Y37	orl-mus LD50:1900 mg/kg	FKIZA4 60,544,69

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: EVHPAZ 1,105,72; JOCMA7 18,109,76; FEPRA7 34,1675,75; ARVPAX 14,139,74; ARPAAQ 94,125,72; CHRYAQ 49(4),14,76; STEVA8 2(4),305,74; BISNAS 20,958,70

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 18,43,78

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO POLYCHLORINATED BIPHENYLS recm std-air:TWA 1.0 ug/m3 NTIS**

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 5503 and 8004

★ NIOSH CURRENT INTELLIGENCE BULLETIN 7, 1975

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0780-0352;8EHQ-0981-0413;8EHQ-0982-0457; 8EHQ-1179-0319;8EHQ-0180-0330

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TQ1351000 POLYCHLORINATED BIPHENYL (AROCLOR 1016)

UPDT:8408 CAS: 12674-11-2

SYN: AROCLOR 1016 * CHLORODIPHENYL (41% Cl)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T29T76T81	orl-mam TDLo:750 mg/kg (17W pre-28D post)	AECTCV 9,627,80

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 5503 and 8004

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TQ1352000 POLYCHLORINATED BIPHENYL (AROCLOR 1221)

UPDT:8408 CAS: 11104-28-2

SYN: AROCHLOR 1221 * CHLORODIPHENYL (21% Cl)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	scu-rat TDLo:1 gm/kg (1D pre)	ENVRAL 16,123,78
1T29	scu-rat TDLo:2 gm/kg (2D pre)	ENVRAL 16,123,78
1T83	orl-rbt TDLo:28 mg/kg (1-28D preg)	BECTA6 6,120,71

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3980 mg/kg	ARVPAX 14,139,74
*	skn-rbt LDLo:3169 mg/kg	ARVPAX 14,139,74

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ARVPAX 14,139,74; RREVAH 44,1,73; STEVA8 2(4),305,74; BISNAS 20,958,70; ENVRAL 5,249,72

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 18,43,78

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO POLYCHLORINATED BIPHENYLS recm std-air:TWA 1.0 ug/m3 NTIS**

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 5503 and 8004

★ NIOSH CURRENT INTELLIGENCE BULLETIN 7, 1976

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TQ1354000 POLYCHLORINATED BIPHENYL (AROCLOR 1232)

UPDT:8408 CAS: 11141-16-5

SYN: AROCLOR 1232 * CHLORODIPHENYL (32% Cl)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:4470 mg/kg	ARVPAX 14,139,74
*	skn-rbt LDLo:2000 mg/kg	ARVPAX 14,139,74

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ARVPAX 14,139,74; STEVA8 2(4),305,74; ENVRAL 5,249,72

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 18,43,78

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO POLYCHLORINATED BIPHENYLS recm std-air:TWA 1.0 ug/m3 NTIS**

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 5503 and 8004

★ NIOSH CURRENT INTELLIGENCE BULLETIN 7, 1976

TQ1356000 POLYCHLORINATED BIPHENYL (AROCLOR 1242)

UPDT:8404 CAS: 53469-21-9

SYN: AROCHLOR 1242 * AROCLOR 1242 * CHLORIERTE BIPHENYLE, CHLORGEHALT 42% (German) * CHLORODIPHENYL (42% Cl) * CLORODIFENILI, CLORO 42% (Italian) * DIPHENYLE CHLORE, 42% DE CHLORE (French) * GECHLOREERDEDIFENYL (Dutch)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T19N17	orl-rat TDLo:945 mg/kg (36W pre)	AECTCV 3,479,75/76
1T22	orl-rat TDLo:1890 mg/kg (36W pre)	AECTCV 3,479,75/76
1T25	orl-rat TDLo:1250 mg/kg (5D male)	FCTXAV 13,507,75
1T72	orl-pig TDLo:93 mg/kg (1-16W preg)	AJVRAH 36,23,75
1T29	orl-mam TDLo:188 mg/kg (17W pre-28D post)	AECTCV 9,627,80

TOXICITY DATA AND REFERENCES:

2J30L30	ihl-hmn TCLo:10 mg/m3	85CYAB 2,153,59
	orl-rat LD50:4250 mg/kg	TXAPA9 24,434,73
	scu-gpg LDLo:345 mg/kg	PHRPA6 59,1085,44

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: EVHPAZ 1,105,72; ARVPAX 14,139,74; RREVAH 44,1,73; STEVA8 2(4),305,74; BISNAS 20,958,70; ENVRAL 5,249,72

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 18,43,78

★ TLV-TWA 1 mg/m3; STEL 2 mg/m3 (skin) DTLVS* 4,88,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 1 mg/m3 (skin) (SCP-I) FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO POLYCHLORINATED BIPHENYLS recm std-air:TWA 1.0 ug/m3 NTIS**

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 5503 and 8004

★ NIOSH CURRENT INTELLIGENCE BULLETIN 7, 1976

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TQ1358000 POLYCHLORINATED BIPHENYL (AROCLOR 1248)

UPDT:8408 CAS: 12672-29-6

SYN: AROCLOR 1248 * CHLORODIPHENYL (48% Cl)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T85	orl-mky TDLo:32 mg/kg (1-23W preg/91D post)	NTOTDY 3,15,81
2T81T86	orl-mky TDLo:55 mg/kg (26W pre-13W post)	TXCYAC 6,331,76
1T25	orl-mky TDLo:17 mg/kg (26W pre)	FCTXAV 14,99,76
1T27	orl-mky TDLo:35 mg/kg (26W pre)	FCTXAV 14,99,76
1T14	orl-mky TDLo:24 mg/kg (17W pre)	FCTXAV 14,99,76
1T54	orl-rbt TDLo:165 mg/kg (1-31D preg)	DABBBA 40,2061,79

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:11 gm/kg	ARVPAX 14,139,74
*	skn-rbt LDLo:1269 mg/kg	ARVPAX 14,139,74

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ARVPAX 14,139,74; STEVA8 2(4),305,74; ENVRAL 5,249,72

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 18,43,78

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO POLYCHLORINATED BIPHENYLS recm std-air:TWA 1.0 ug/m3 NTIS**

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 5503 and 8004

★ NIOSH CURRENT INTELLIGENCE BULLETIN 7, 1976

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TQ1360000 POLYCHLORINATED BIPHENYL (AROCLOR 1254)

UPDT:8412 CAS: 11097-69-1

SYN: AROCHLOR 1254 * AROCLOR 1254 * CHLORIERTE BIPHENYLE, CHLORGEHALT 54% (German) * CHLORODIPHENYL (54% Cl) * CLORODIFENILI, CLORO 54% (Italian) * DIPHENYLE CHLORE, 54% DE CHLORE (French) * NCI-C02664

MUTATION DATA AND REFERENCES:

	spm-oin-orl 808 mg	CYTBAI 11,167,74
	dnd-rat-orl 1295 mg/kg	BSIBAC 57,407,81
	dnd-rat-ipr 500 mg/kg	BSIBAC 57,407,81
	dnd-rat:lvr 300 umol/L	SinJF# 26OCT82
	dns-rat:lvr 20 ug/L	CNREA8 42,3010,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T81T86T91	orl-rat TDLo:192 mg/kg (6D post)	ENVRAL 31,76,83
1T72	orl-rat TDLo:188 mg/kg (MGN)	FCTXAV 12,63,74
1T75	orl-rat TDLo:645 mg/kg (MGN)	FCTXAV 12,63,74
1T51	orl-rat TDLo:90 mg/kg (7-15D preg)	FCTXAV 11,471,73
1T25	orl-rat TDLo:375 mg/kg (5D male)	FCTXAV 13,507,75
1T24	orl-rat TDLo:750 mg/kg (5D male)	FCTXAV 13,507,75
1T85	orl-mus TDLo:59400 ug/kg (3D pre-21D post)	NTOTDY 3,5,81
3T25T27T35	orl-rbt TDLo:350 mg/kg (1-28D preg)	EVPHBI 1,67,71
1T83	orl-rbt TDLo:280 mg/kg (1-28D preg)	BECTA6 6,120,71
1T22	orl-mam TDLo:14 mg/kg (30D pre)	TOXID9 4,83,84

TUMORIGENIC DATA AND REFERENCES:

3V03K60L60	orl-rat TDLo:4 gm/kg/2Y-I	NCITR* NCI-CG-TR-38,78
2V02L60	orl-mus TDLo:17 gm/kg/48W-C	JNCIAM 53,547,74
3V03R60V10	skn-mus TDLo:4 mg/kg	BECTA6 18,552,77
3V03T65J60	ipr-mus TDLo:500 mg/kg (19D preg)	JJIND8 71,157,83
2V03K60	orl-rat TD :1 mg/kg/D-C	CNREA8 41,5052,81
2V03K60	orl-rat TD :3 mg/kg/D-C	CNREA8 41,5052,81

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1010 mg/kg	TXAPA9 60,33,81
3F07J22K12	ivn-rat LD50:358 mg/kg	FCTXAV 12,63,74
	ipr-mus LD50:2840 mg/kg	BECTA6 8,245,72

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: EVHPAZ 1,105,72; ARVPAX 14,139,74; RREVAH 44,1,73; STEVA8 2(4),305,74; BISNAS 20,958,70; ENVRAL 5,249,72

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 18,43,78

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 7,261,74

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 18,43,78

★ TLV-TWA 500 ug/m3; STEL 1 mg/m3 (skin) DTLVS* 4,89,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug/m3 (skin) (SCP-I) FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO POLYCHLORINATED BIPHENYLS recm std-air:TWA 1.0 ug/m3 NTIS**

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:RAT (NCITR* NCI-CG-TR-38,78)

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 5503 and 8004

★ NIOSH CURRENT INTELLIGENCE BULLETIN 7, 1976

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TQ1362000 POLYCHLORINATED BIPHENYL (AROCLOR 1260)

UPDT:8408 CAS: 11096-82-5

SYN: AROCHLOR 1260 * AROCLOR 1260 * CHLORODIPHENYL (60% Cl) * CLOPHEN A60 * PHENOCLOR DP6

MUTATION DATA AND REFERENCES:

	cyt-rat-orl 1080 mg/kg/26W-C	APTOD9 19,A16,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T72	orl-rat TDLo:1675 mg/kg (MGN)	FCTXAV 12,63,74
2T14T24	orl-mus TDLo:74 mg/kg (62D pre/1-10D preg)	ENVRAL 6,176,73
1T14	ipr-mus TDLo:20 mg/kg (1D pre)	AMBOCX 1,148,72
1T91	scu-mus TDLo:143 mg/kg (21D post)	ENPBBC 5,54,75

TUMORIGENIC DATA AND REFERENCES:

2V01L60	orl-rat TDLo:4380 mg/kg/83W-C	JNCIAM 55,1453,75

TOXICITY DATA AND REFERENCES:

2F07K12	orl-rat LD50:1315 mg/kg	FCTXAV 12,63,74
*	skn-rbt LDLo:2000 mg/kg	ARVPAX 14,139,74

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: EVHPAZ 1,105,72; ARVPAX 14,139,74; STEVA8 2(4),305,74; BISNAS 20,958,70; ENVRAL 5,249,72

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 18,43,78

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 18,43,78

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO POLYCHLORINATED BIPHENYLS recm std-air:TWA 1.0 ug/m3 NTIS**

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 5503 and 8004

★ NIOSH CURRENT INTELLIGENCE BULLETIN 7, 1976

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TQ1364000 POLYCHLORINATED BIPHENYL (AROCLOR 1262)
UPDT:8408 CAS: 37324-23-5
SYN: AROCHLOR 1262 * AROCLOR 1262 * CHLORODIPHENYL (62% Cl)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:11300 mg/kg ARVPAX 14,139,74
skn-rbt LDLo:3160 mg/kg ARVPAX 14,139,74
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARVPAX 14,139,74; STEVAB 2(4),305,74; ENVRAL 5,249,72
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 18,43,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO POLYCHLORINATED BIPHENYLS recm std-air:TWA 1.0 ug/m3 NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 5503 and 8004
★ NIOSH CURRENT INTELLIGENCE BULLETIN 7, 1976

TQ1366000 POLYCHLORINATED BIPHENYL (AROCLOR 1268)
UPDT:8408 CAS: 11100-14-4
SYN: AROCLOR 1268 * CHLORODIPHENYL (68% Cl)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:10900 mg/kg ARVPAX 14,139,74
* skn-rbt LDLo:2500 mg/kg ARVPAX 14,139,74
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 1,105,72; ARVPAX 14,139,74; RREVAH 44,1,73; STEVAB 2(4),305,74; BISNAS 20,958,70; ENVRAL 5,249,72
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 18,43,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO POLYCHLORINATED BIPHENYLS recm std-air:TWA 1.0 ug/m3 NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 5503 and 8004
★ NIOSH CURRENT INTELLIGENCE BULLETIN 7, 1976

TQ1368000 POLYCHLORINATED BIPHENYL (AROCLOR 2565)
UPDT:8408 CAS: 37324-24-6
SYN: AROCLOR 2565
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6310 mg/kg ARVPAX 14,139,74
* skn-rbt LDLo:3160 mg/kg ARVPAX 14,139,74
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARVPAX 14,139,74; RREVAH 44,1,73; STEVAB 2(4),305,74
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 18,43,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO POLYCHLORINATED BIPHENYLS recm std-air:TWA 1.0 ug/m3 NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 5503 and 8004
★ NIOSH CURRENT INTELLIGENCE BULLETIN 7, 1976

TQ1370000 POLYCHLORINATED BIPHENYL (AROCLOR 4465)
UPDT:8408 CAS: 11120-29-9
SYN: AROCLOR 4465
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:16 gm/kg ARVPAX 14,139,74
* skn-rbt LDLo:3160 mg/kg ARVPAX 14,139,74
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARVPAX 14,139,74; STEVAB 2(4),305,74
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 18,43,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO POLYCHLORINATED BIPHENYLS recm std-air:TWA 1.0 ug/m3 NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 5503 and 8004
★ NIOSH CURRENT INTELLIGENCE BULLETIN 7, 1976

TQ1372000 POLYCHLORINATED BIPHENYL (KANECHLOR 300)
UPDT:8408 CAS: 37353-63-2
SYN: KANECHLOR 300
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:22 mg/kg (1-22D preg) OFAJAE 53,93,76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: STEVAB 2(4),305,74; EVHPAZ 24,173,78
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 18,43,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 18,43,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO POLYCHLORINATED BIPHENYLS recm std-air:TWA 1.0 ug/m3 NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 5503 and 8004
★ NIOSH CURRENT INTELLIGENCE BULLETIN 7, 1976
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TQ1374000 POLYCHLORINATED BIPHENYL (KANECHLOR 400)
UPDT:8408 CAS: 12737-87-0
SYN: KANECHLOR 400 * KC-400
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T81T86 orl-rat TDLo:10500 ug/kg (1-21D preg) SKEZAP 15,252,74
1T83 orl-rat TDLo:52500 ug/kg (1-21D preg) SKEZAP 15,252,74
1T76 orl-rat TDLo:763 mg/kg (1-21D preg) SKEZAP 15,252,74
1T71 orl-rat TDLo:550 mg/kg (1-22D preg) KRMJAC 19,53,72
TUMORIGENIC DATA AND REFERENCES:
3V02L60N61 orl-rat TDLo:6750 mg/kg/69W-I GANNA2 64,105,73
TOXICITY DATA AND REFERENCES:
3R03R20R21 orl-hmn TDLo:28 mg/kg FKIZA4 62,104,71
* orl-rat LD50:1340 mg/kg SKEZAP 15,252,74
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 44,1,73; STEVAB 2(4),305,74; EVHPAZ 24,173,78
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 18,43,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 18,43,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO POLYCHLORINATED BIPHENYLS recm std-air:TWA 1.0 ug/m3 NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 5503 and 8004
★ NIOSH CURRENT INTELLIGENCE BULLETIN 7, 1976
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TQ1376000 POLYCHLORINATED BIPHENYL (KANECHLOR 500)
UPDT:8408 CAS: 37317-41-2
SYN: KANECHLOR 500 * KC-500
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:550 mg/kg (1-22D preg) OFAJAE 53,93,76
1T85 orl-rat TDLo:140 mg/kg (15-21D preg) OFAJAE 53,105,76
1T76 orl-mus TDLo:2520 mg/kg (1-21D preg/21D post) TJADAB 16,103,77
2T25T35 scu-mus TDLo:4 gm/kg (6-10D preg) TXCYAC 19,49,81
1T43 scu-mus TDLo:800 mg/kg (6-15D preg) TXCYAC 19,49,81
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-mus TDLo:13 gm/kg/32W-C NAIZAM 25,635,74
2V01L60 orl-mus TD :23 gm/kg/32W-C JNCIAM 51,1637,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: STEVAB 2(4),305,74
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 18,43,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 7,261,74
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 18,43,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO POLYCHLORINATED BIPHENYLS recm std-air:TWA 1.0 ug/m3 NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 5503 and 8004
★ NIOSH CURRENT INTELLIGENCE BULLETIN 7, 1975
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

POLYCHLORINATED BIPHENYLS (DOT) see: TQ1350000
POLYCHLORINATED CAMPHENES see: XW5250000
POLYCHLORINATED TERPHENYL see: WZ6500000

TQ1400000 POLYCHLOROBENZOIC ACID, DIMETHYLAMINE SALT
UPDT:8309 CAS: 1338-32-5
SYN: BENZAC * BENZAC 354 * DIMETHYLAMINE SALTS of MIXED POLYCHLOROBENZOIC ACIDS * PBA, DIMETHYLAMINE SALT * ZOBAR
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1140 mg/kg FMCHA2 -,C180,83
orl-mus LD50:1200 mg/kg GUCHAZ 6,423,73
orl-rbt LD50:480 mg/kg PCOC** -,919,66

POLYCHLOROBIPHENYL see: TQ1350000
POLY(2-CHLOROBUTADIENE) see: EI9660000
POLY(2-CHLORO-1,3-BUTADIENE) see: EI9660000
POLYCHLOROCAMPHENE see: XW5250000
POLYCHLORODICYCLOPENTADIENE see: CP2975000
POLYCHLORODICYCLOPENTADIENE ISOMERS see: CP2975000
POLY(CHLOROETHYLENE) see: KV0350000

TQ1750000 POLYCHLOROPINENE
UPDT:8312 CAS: 25267-15-6 MW: 413.80 MOLFM: C10-H10-Cl8
SYN: STROBANE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:170 mg/kg KSKZAN 16(2),59,78
unk-mam LD50:350 mg/kg 30ZDA9 -,52,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: GISAAA 42(9),66,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

POLYCHLOROPRENE see: EI9660000
POLYCIDAL see: WP0175000
POLYCIDINE see: VA0700000
POLYCILLIN see: XH8350000
POLYCILLIN see: XH8425000
POLYCILLIN-N see: XH8400000
POLYCIZER 162 see: TI1925000
POLYCIZER 332 see: WI2900000
POLYCIZER 532 see: TI0550000
POLYCIZER 562 see: TI0550000
POLYCIZER 962-BPA see: TI1950000
POLYCIZER DBP see: TI0875000
POLYCIZER DBS see: VS1150000
POLYCLAR AT see: TR8370000
POLYCLAR H see: TR8370000
POLYCLAR L see: TR8370000
POLYCLENE see: UF1050000
POLYCO see: WD6826000
POLYCO 953 see: AK0920000
POLYCO 2116 see: AK0920000
POLYCO 2134 see: AK0920000
POLYCO 2410 see: WL6478000
POLYCO 2415 see: WL6478000
POLYCO 2611 see: KV9750000
POLYCO 2622 see: KV0350000
POLYCO 117FR see: AK0920000
POLYCO 220NS see: WL6475000
POLYCOR DARK GREEN S see: QJ6195050
POLYCOR YELLOW P see: GD0197800
POLY C POLY I see: TR0175000
POLYCRON see: TE6975000
POLYCYCLIC MUSK see: AL3031000
POLYCYCLINE see: QI8750000
POLYCYCLINE HYDROCHLORIDE see: QI9100000
POLYCYTIDYLIC-POLYINOSINIC ACID see: TR0175000

TQ2485000 POLYDAZOL
UPDT:8311
TOXICITY DATA AND REFERENCES:
3F07F19K12 orl-rat LD50:2432 mg/kg GTPZAB 26(9),54,82
3F07F19K12 orl-mus LD50:6760 mg/kg GTPZAB 26(9),54,82
3F07F19K12 orl-gpg LD50:700 mg/kg GTPZAB 26(9),54,82

POLYDESIS see: TR8100000

TQ2600000 POLY((DIETHYLIMINIO)METHYLENE(p-PHENYLENE)ETHYLENE(p-PHENYLENE)METHYLENE(DIETHYLIMINIO) DIBROMIDE)-alpha-(p-(p-BROMOMETHYLPHENETHYL)BENZYL)-omega-(p-(p-((DIETHYLAMINO)METHYL)PHENETHYL)BENZYL)-
UPDT:8406
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:10 mg/kg JAPMA8 45,792,56

TQ2610000 POLY((DIETHYLIMINIO)METHYLENE(p-PHENYLENE)METHYLENE(DIETHYLIMINIO) DIBROMIDE)-alpha-(p-BROMOMETHYLBENZYL)-omega-(p-((DIETHYLAMINO)METHYL)BENZYL)-
UPDT:8406
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 ug/kg JAPMA8 45,792,56

POLY(DIFURFURYLIDENEACETONE) see: RZ2476700

TQ2625000 POLY(1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE)
UPDT:8412 CAS: 26780-96-1 MOLFM: (C11-H15-N)n
SYN: ACETONANIL * ANTIGENE RDF * ANTIOXIDANT HS * ANTIOXIDANT HSL * FLECTOL H, POLYMER * NOCRAC 224 * NONFLEX RD * PERMANAX 45 * POLNOKS R * QUINOLINE, 1,2-DIHYDRO-2,2,4-TRIMETHYL-, HOMOPOLYMER * TRIMETHYLDIHYDROQUINOLINE POLYMER * 2,2,4-TRIMETHYL-1,2-DIHYDROQUINOLINE POLYMER
TUMORIGENIC DATA AND REFERENCES:
2V02P62 orl-rat TDLo:548 gm/kg/2Y-C TXAPA9 9,583,66
STATUS:
NTP CARCINOGENESIS STUDIES, SELECTED, OCTOBER 1984

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TQ2641000 POLY((DIMETHYLIMINIO)DECAMETHYLENE(DIMETHYLIMINIO) DIBROMIDE)-alpha-(10-BROMODECYL)-omega- (10-(DIMETHYLAMINO)DECYL)-
UPDT:8406
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:1800 ug/kg JAPMAB 45,792,56

TQ2643000 POLY((DIMETHYLIMINIO)ETHYLENE(DIMETHYLIMONIO)HEXAMETHYLENE DIBROMIDE)
UPDT:8402 MOLFM: (C12-H28-N2)n (Br)n
SYN: 2,6-IONENE BROMIDE
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:50 mg/kg USXXAM #4013507

TQ2644000 POLY((DIMETHYLIMONIO)ETHYLENE(DIMETHYLIMONIO)TETRAMETHYLENE DIBROMIDE)
UPDT:8402 MOLFM: (C10-H24-N2)n (Br)n
SYN: 2,4-IONENE BROMIDE
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:50 mg/kg USXXAM #4013507

TQ2647000 POLY((DIMETHYLIMINIO)HEXAMETHYLENE BROMIDE)
UPDT:8402 CAS: 31622-88-5 MOLFM: (C8-H18-N)n (Br)n
SYN: 6,6-IONENE * 6,6-IONENE BROMIDE * POLY((DIMETHYLIMINIO)-1,6-HEXANEDIYL BROMIDE) (9CI)
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:50 mg/kg USXXAM #4013507

TQ2648000 POLY((DIMETHYLIMINIO)HEXAMETHYLENE(DIMETHYLIMINIO)DECAMETHYLENE DIBROMIDE)
UPDT:8402 MOLFM: (C20-H54-N2)n (Br)n
SYN: 6,10-IONENE BROMIDE
TOXICITY DATA AND REFERENCES:
• orl-mus LD50:500 mg/kg USXXAM #4013507
• ipr-mus LD50:10 mg/kg USXXAM #4013507

TQ2649000 POLY((DIMETHYLIMINIO)HEXAMETHYLENE(DIMETHYLIMINIO)HEXADECAMETHYLENE DIBROMIDE)
UPDT:8402 MOLFM: (C26-H56-N2)n (Br)n
SYN: 6,16-IONENE BROMIDE
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:50 mg/kg USXXAM #4013507

TQ2650000 POLY(DIMETHYLIMINIO)HEXAMETHYLENE(DIMETHYLIMINO)PENTAMETHYLENE DIBROMIDE)
UPDT:8402 CAS: 28728-56-5 MOLFM: (C15-H34-Br2-N2)n
SYN: 6,5-IONENE BROMIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:30 mg/kg RPTOAN 37,267,74

TQ2654000 POLY((DIMETHYLIMINIO)HEXAMETHYLENE(DIMETHYLIMINIO)TETRAMETHYLENE DIBROMIDE)
UPDT:8402 MOLFM: (C14-H32-N2)n (Br)n
SYN: 6,4-IONENE BROMIDE
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:50 mg/kg USXXAM #4013507

TQ2655000 POLY((DIMETHYLIMINIO)HEXAMETHYLENE(DIMETHYLIMINO)TRIMETHYLENE DIBROMIDE)
UPDT:8402 CAS: 28728-55-4 MOLFM: (C13-H30-Br2-N2)n
SYN: 6,3-IONENE BROMIDE
TOXICITY DATA AND REFERENCES:
• ivn-rat LD50:20 mg/kg USXXAM #4013507
ipr-mus LD50:30 mg/kg RPTOAN 37,267,74
• ivn-mus LD50:28 mg/kg USXXAM #4013507

POLY((DIMETHYLIMINIO)-1,6-HEXANEDIYL BROMIDE) (9CI) see: TQ2647000

TQ2658000 POLY((DIMETHYLIMINIO)METHYLENE(p-PHENYLENE)METHYLENE(DIMETHYLIMINIO) DIBROMIDE)-alpha-(p-BROMOMETHYLBENZYL)-omega-(p-((DIMETHYLAMINO)METHYL)BENZYL)-
UPDT:8406
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:1500 ug/kg JAPMAB 45,792,56

POLY((DIMETHYLIMINIO)-1,3-PROPANEDIYL BROMIDE) (9CI) see: TQ2665000

TQ2665000 POLY((DIMETHYLIMINIO)TRIMETHYLENE BROMIDE)
UPDT:8404 CAS: 31622-87-4 MOLFM: (C5-H12-Br-N)n
SYN: 3,3-IONENE * 3,3-IONENE BROMIDE * POLY((DIMETHYLIMINIO)-1,3-PROPANEDIYL BROMIDE) (9CI)
TOXICITY DATA AND REFERENCES:
• orl-mus LD50:500 mg/kg USXXAM #4013507
• ipr-mus LD50:50 mg/kg USXXAM #4013507

TQ2690000 POLYDIMETHYL SILOXANE
UPDT:8403 CAS: 9016-00-6 MOLFM: (C2-H6-O-Si)n
SYN: DIMETHICONE 350 * DOW CORNING 346 * GEON * GOOD-RITE * GUM * HYCAR * LATEX * METHYL SILICONE * POLY(OXY(DIMETHYLSILYLENE))
TUMORIGENIC DATA AND REFERENCES:
3V02J60N60 imp-rat TDLo:1500 mg/kg AMPLAO 67,589,59
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TQ2700000 POLYDIMETHYLSILOXANE RUBBER
DEF:Vulcanized with 2,4-DICHLORBENZOYL PEROXIDE pure SILICON DIOXIDE used as filler andplasticizer (ARPAAQ 67,589,59)
UPDT:8401
SYN: DOW CORNING 790 * DOW CORNING 795 * DOW CORNING 999 * DOW CORNING 3110 * DOW CORNING 3112 * DOW CORNING 3120 * DOW CORNING 3-5000 CORNSTRUCTION COATING * POLYSILICONE * SILASTIC * SILASTIC 1603 * SILASTIC RTV 1890 PROTECTIVE SEALER * SILASTIC SILICONE RUBBER * SILICONE RUBBER
TUMORIGENIC DATA AND REFERENCES:
2V01G60 imp-rat TDLo:1500 mg/kg AMPLAO 67,589,59
3V03M60P62 imp-rat TD :900 mg/kg JNCIAM 33,1005,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

POLY-EM 12 see: TQ3325000
POLY-EM 40 see: TQ3325000
POLY-EM 41 see: TQ3325000
POLYESTER TGM 3 see: OZ4100000
POLY(ESTRADIOL PHOSPHATE) see: KG5792000
POLYESTRADIOL PHOSPHATE see: KG7400000
POLYETHERIN A see: QT6825000
POLYETHER SULFONE see: TR4735000 POLY(OXY-p-PHENYLSULFONYL-p-PHENYLENE)
POLYETHER SULPHONE see: TR4735000 POLY(OXY-p-PHENYLSULFONYL-p-PHENYLENE)

TQ3325000 POLYETHYLENE
UPDT:8403 CAS: 9002-88-4 MOLFM: (C2-H4)n
SYN: AC 8 * AC 394 * AC 680 * AC 1220 * AC GA * ACP 6 * AC 8 (POLYMER) * ACROART * AGILENE * ALATHON * ALATHON 14 * ALATHON 15 * ALATHON 1560 * ALATHON 6600 * ALATHON 7026 * ALATHON 7040 * ALATHON 7050 * ALATHON 7140 * ALATHON 7511 * ALATHON 58 * ALATHON 71XHN * ALCOWAX 6 * ALDYL A * ALITHON 7050 * ALKATHENE * ALKATHENE 17/04/00 * ALKATHENE 22 300 * ALKATHENE 200 * ALKATHENE ARN 60 * ALKATHENE WJG 11 * ALKATHENE WNG 14 * ALKATHENE XDG 33 * ALKATHENE XJK 25 * ALLIED PE 617 * ALPHEX FIT 221 * AMBYTHENE * AMOCO 610A4 * A 60-20R * A 60-70R * BAKELITE DFD 330 * BAKELITE DHDA 4080 * BAKELITE DYNH * BARECO POLYWAX 2000 * BARECO WAX C 7500 * BICOLENE C * BPE-I * BRALEN KB 2-11 * BRALEN RB 03-23 * BULEN A * BULEN A 30 * CARLONA 58-030 * CARLONA 900 * CARLONA 18020 FA * CARLONA PXB * CHEMCOR * CHEMPLEX 3006 * CIPE * COATHYLENE HA 1671 * COURLENE-X3 * CPE * CPE 16 * CPE 25 * CRYOPOLYTHENE * CRY-O-VAC L * DAISOLAC * DAPLEN * DAPLEN 1810 H * DFD 0173 * DFD 0188 * DFD 2005 * DFD 6005 * DFD 6032 * DFD 6040 * DFDJ 5505 * DGNB 3825 * DIOTHENE * DIXOPAK * DMDJ 4309 * DMDJ 5140 * DMDJ 7008 * DOWLEX FILM * DQDA 1868 * DQWA 0355 * DXM 100 * DYALL * DYLAN * DYLAN SUPER * DYLAN WPD 205 * DYNH * DYNK 2 * ELTEX * ELTEX 6037 * ELTEX A 1050 * EPOLENE C * EPOLENE C 10 * EPOLENE C 11 * EPOLENE E * EPOLENE E 10 * EPOLENE E 12 * EPOLENE N * ETHENE POLYMER * ETHERIN * ETHEROL E * ETHYLENE HOMOPOLYMER * ETHYLENE POLYMER * ETHYLENE POLYMERS (8CI) * 23F203 * FABRITONE PE * FB 217 * FERTENE * FLAMOLIN MF 15711 * FLOTHENE * FM 510 * FORTIFLEX 6015 * FORTIFLEX A 60/500 * FP 4 * 2100 GP * G-RESINS * GREX * GREX PP 60-002 * GRISOLEN * HFDB 4201 * HI-FAX * HI-FAX 1900 * HI-FAX 4401 * HI-FAX 4601 * HIZEX * HIZEX 5000 * HIZEX 5100 * HIZEX 3000B * HIZEX 3300F * HIZEX 7000F * HIZEX 7300F * HIZEX 1091J * HIZEX 1291J * HIZEX 1300J * HIZEX 2100J * HIZEX 2200J * HIZEX 2100LP * HIZEX 5100LP * HIZEX 6100P * HIZEX 3000S * HIZEX 3300S * HIZEX 5000S * HOECHST PA 190 * HOECHST WAX PA 520 * HOSTALEN * HOSTALEN GD 620 * HOSTALEN GD 6250 * HOSTALEN GF 4760 * HOSTALEN GF 5750 * HOSTALEN GM 5010 * HOSTALEN GUR * HOSTALEN HDPE * INTERFLO * IRAX * IRRATHENE R * LACQTEN 1020 * LD 400 * LD 600 * LDPE 4 * LUPOLEN 4261A * LUPOLEN 6042D * LUPOLEN 1010H * LUPOLEN 1800H * LUPOLEN 1810H * LUPOLEN 6011H * LUPOLEN KR 1032 * LUPOLEN KR 1051 * LUPOLEN KR 1257 * LUPOLEN 6011L * LUPOLEN L 6041D * LUPOLEN N * LUPOLEN 1800S * MANOLENE 6050 * MARLEX 9 * MARLEX 50 * MARLEX 60 * MARLEX 960 * MARLEX 6003 * MARLEX 6009 * MARLEX 6015 * MARLEX 6050 * MARLEX 6060 * MARLEX EHM 6001 * MARLEX M 309 * MARLEX TR 704 * MARLEX TR 880 * MARLEX TR 885 * MARLEX TR 906 * MICROTHENE * MICROTHENE 510 * MICROTHENE 754 * MICROTHENE 710 * MICROTHENE F * MICROTHENE FN 500 * MICROTHENE FN 510 * MICROTHENE MN 754-18 * MIKROLOUR * MIRASON 9 * MIRASON 16 * MIRASON M 15 * MIRASON M 50 * MIRASON M 68 * MIRASON NEO 23H * MIRATHEN * MIRATHEN 1313 * MIRATHEN 1350 * MOPLEN RO-QG 6015 * NEOPOLEN * NEOPOLEN 30N * NEOZEX 45150 * NEOZEX 4010B * NOPOL (POLYMER) * NOVATEC JUO 80 * NOVATEC JVO 80 * NVC 9025 * OKITEN G 23 * ORIZON * ORIZON 805 * 6020P * PA 130 * PA 190 * PA 520 * PA 560 * PAD 522 * P 2010B * PE 512 * PE 617 * PEN 100 * PEP 211 * PES 100 * PES 200 * PETROTHENE * PETROTHENE LB 861 * PETROTHENE LC 731 * PETROTHENE LC 941 * PETROTHENE NA 219 * PETROTHENE NA 227 * PETROTHENE XL 6301 * P 4007EU * P 4070L * PLANIUM * PLASKON PP 60-002 * PLASTAZOTE X 1016 * PLASTRONGA * PLASTYLENE MA 2003 * PLASTYLENE MA 7007 * POLITEN * POLITEN I 020 * POLYAETHYLEN (German) * POLY-EM 12 * POLY-EM 40 * POLY-EM 41 * POLYETHYLENE AS * POLYETHYLENE RESINS * POLYMIST A12 * POLYMUL CS 81 * POLYSION N 22 * POLYTHENE * POLYWAX 1000 * POROLEN * P 2070P * PPE 2 * PROCENE UF 1.5 * PROFAX A 60-008 * P 2020T * P 2050T * P 4007T * PTS 2 * PVP 8T * PY 100 * RCH 1000 * REPOC * RIGIDEX * RIGIDEX 35 * RIGIDEX 50 * RIGIDEX TYPE 2 * ROPOL * ROPOTHENE OB 03-110 * SANWAX 161P * SCLAIR 59 * SCLAIR 2911 * SCLAIR 19A * SCLAIR 96A * SCLAIR 59C * SCLAIR 79D * SCLAIR 11K * SCLAIR 19X6 * SDP 640 * SHOLEX 5003 * SHOLEX 5100 * SHOLEX 6000 * SHOLEX 6002 * SHOLEX F 171 * SHOLEX F 6050C * SHOLEX F 6080C * SHOLEX 4250HM * SHOLEX L 131 * SHOLEX S 6008 * SHOLEX SUPER * SHOLEX XMO 314 * SOCAREX * SRM 1475 * SRM 1476 * STAFLEN E 650 * STAMYLAN 900 * STAMYLAN 1000 * STAMYLAN 1700 * STAMYLAN 8200 * STAMYLAN 8400 * SUMIKATHENE * SUMIKATHENE F 101-1 * SUMIKATHENE F 210-3 * SUMIKATHENE F 702 * SUMIKATHENE G 201 * SUMIKATHENE G 202 * SUMIKATHENE G 701 * SUMIKATHENE G 801 * SUMIKATHENE G 806 * SUMIKATHENE HARD 2052 * SUNWAX 151 * SUPER DYLAN * SUPRATHEN * SUPRATHEN C 100 * TAKATHENE * TAKATHENE P 3 * TAKATHENE P 12 * TELCOTENE * TELECOTHENE * TENAPLAS * TENITE 800 * TENITE 1811 * TENITE 2910 * TENITE 2918 * TENITE 3300 * TENITE 3340 * TROVIDUR PE * TYRIN * TYVEK * UNIFOS DYOB S * UNIFOS EFD 0118 * VALERON * VALSPEX 155-53 * VELUSTRAL KPA * VESTOLEN * VESTOLEN A 616 * VESTOLEN A 6016 * WAX LE * WJG 11 * WNF 15 * WVG 23 * XL 335-1 * XL 1246 * XNM 68 * XO 440 * YUKALON EH 30 * YUKALON HE 60 * YUKALON K 3212 * YUKALON LK 30 * YUKALON MS 30 * YUKALON PS 30 * YUKALON YK 30 * ZF 36 * ZINPOL
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:33 mg/kg CNREA8 15,333,55
2V03V10 imp-mus TDLo:331 mg/kg CNREA8 15,333,55
3V03P62V10 imp-rat TD :2120 mg/kg BJCAAI 23,401,69
2V03V10 imp-rat TD :1476 mg/kg CORTBR 88,223,72
2V03V10 imp-rat TD :1000 mg/kg AJOGAH 96,134,66
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ACEDAB 75,296,74; SMJOAV 67,1459,74; ETOXAC 6,1,75
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,157,79
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 19,157,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

POLYETHYLENE AS see: TQ3325000

TQ3500000 POLYETHYLENE GLYCOL
UPDT:8403 CAS: 25322-68-3 MOLFM: (C6-H11-N-O)n
SYN: CARBOWAX * JEFFOX * JORCHEM 400 ML * LUTROL * POLY(ETHYLENE OXIDE) * POLY-G SERIES * POLYOX * POLY(OXY-1,2-ETHANEDIYL), alpha-HYDRO-omega-HYDROXY-
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,255,72
eye-rbt 500 mg/24H MOD 28ZPAK -,255,72
TOXICITY DATA AND REFERENCES:
• orl-rat LD50:33750 mg/kg ARZNAD 26,1581,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TQ3600000 POLYETHYLENE GLYCOL #200
UPDT:8401 CAS: 25322-68-3 MOLFM: (C6-H11-N-O)n
SYN: POLYAETHYLENGLYKOLE #200 (German)
TOXICITY DATA AND REFERENCES:
1M30 orl-rat LD50:28900 mg/kg ARZNAD 3,451,53
1M30 orl-mus LD50:38300 mg/kg ARZNAD 3,451,53
• ipr-mus LD50:7500 mg/kg NTIS** AD628-313
1M30 orl-rbt LD50:19900 mg/kg ARZNAD 3,451,53
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TQ3610000 POLYETHYLENE GLYCOL #238
UPDT:8401 CAS: 25322-68-3 MOLFM: (C6-H11-N-O)n
SYN: POLYAETHYLENGLYKOLE #238 (German)
TOXICITY DATA AND REFERENCES:
1M30 ipr-rat LD50:9 gm/kg ARZNAD 3, 451,61
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TQ3620000 POLYETHYLENE GYLCOL #282
UPDT:8401 CAS: 25322-68-3 MOLFM: (C6-H11-N-O)n
SYN: POLYAETHYLENGLYKOLE #282 (German)
TOXICITY DATA AND REFERENCES:
1M30 orl-rat LD50:31640 mg/kg ARZNAD 3,451,53
1M30 ipr-rat LD50:16 gm/kg ARZNAD 3,451,53
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TQ3630000 POLYETHYLENE GLYCOL #300
UPDT:8401 CAS: 25322-68-3 MOLFM: (C6-H11-N-O)n

SYN: POLYAETHYLENGLYKOLE #300 (German)

TOXICITY DATA AND REFERENCES:

1M30	orl-rat LD50:27500 mg/kg	ARZNAD 3,451,53
1M30	ipr-rat LD50:170000 mg/kg	ARZNAD 3,451,53
1M30	orl-rbt LD50:17300 mg/kg	ARZNAD 3,451,53
1M30	orl-gpg LD50:19600 mg/kg	ARZNAD 3,451,53

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TQ3675000 POLYETHYLENE GLYCOL #400
UPDT:8406 CAS: 25322-68-3 MOLFM: (C6-H11-N-O)n
SYN: P.E.G. 400 * POLYAETHYLENGLYKOLE #400 (German) * POLY G 400

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:86 mg/kg	PCBPBS 2,302,72
*	ipr-rat LD50:14737 mg/kg	ARZNAD 26,1581,76
*	ivn-rat LD50:7312 mg/kg	ARZNAD 26,1581,76
*	orl-mus LD50:29250 mg/kg	ARZNAD 26,1581,76
*	ipr-mus LD50:14510 mg/kg	ARZNAD 26,1581,76
*	ivn-mus LD50:8550 mg/kg	ARZNAD 26,1581,76
1M30	orl-rbt LD50:26800 mg/kg	ARZNAD 3,451,53
1M30	orl-gpg LD50:15700 mg/kg	ARZNAD 3,451,53

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TQ3850000 POLYETHYLENE GLYCOL #810
UPDT:8401 CAS: 25322-68-3 MOLFM: (C6-H11-N-O)n
SYN: POLYAETHYLENGLYKOLE #810 (German)

TOXICITY DATA AND REFERENCES:

1M30	scu-rat LD50:16 gm/kg	ARZNAD 3,451,53
1M30	ivn-rat LD50:13 gm/kg	ARZNAD 3,451,53

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TQ4025000 POLYETHYLENE GLYCOL #1000
UPDT:8408 CAS: 25322-68-3 MOLFM: (C6-H11-N-O)n
SYN: CARBOWAX 1000 * MACROGOL 1000 * P.E.G. 1000 * POLYAETHYLENGLYKOLE #1000 (German) * POLYGLYCOL 1000 * POLYGLYCOL E1000

TUMORIGENIC DATA AND REFERENCES:

2V03T69	ivg-mus TDLo:416 mg/kg/Y-I	BJCAAI 15,252,61

TOXICITY DATA AND REFERENCES:

1M30	orl-rat LD50:42 gm/kg	ARZNAD 3,451,53
1M30	ipr-rat LD50:15570 mg/kg	ARZNAD 3,451,53
	ipr-mus LD50:2000 mg/kg	JPETAB 103,293,51
	ivn-dog LDLo:3000 mg/kg	JPETAB 103,293,51
1M30	orl-gpg LD50:22500 mg/kg	ARZNAD 3,451,53

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TQ4027000 POLYETHYLENE GLYCOL #1250
UPDT:8401 CAS: 25322-68-3 MOLFM: (C6-H11-N-O)n
SYN: POLYAETHYLENGLYKOLE #1250 (German)

TOXICITY DATA AND REFERENCES:

1M30	orl-rat LD50:51310 mg/kg	ARZNAD 3,451,53

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TQ4030000 POLYETHYLENE GLYCOL 1500
UPDT:8408 CAS: 25322-68-3 MOLFM: (C2-H4-O)n H2-O
SYN: CARBOWAX 1500 * POLYAETHYLENGLYKOLE #1500 (German) * POLY(OXY-1,2-ETHANEDIYL), alpha-HYDRO-omega-HYDROXY- (9CI) * POLYOXYETHYLENE 1500

IRRITATION DATA AND REFERENCES:

	skn-hmn 500 mg/48H	JIDEAE 19,423,52

TOXICITY DATA AND REFERENCES:

1M30	orl-rat LD50:44200 mg/kg	ARZNAD 3,451,53
1M30	ipr-rat LD50:17700 mg/kg	ARZNAD 3,451,53
1M30	orl-rbt LD50:28900 mg/kg	ARZNAD 3,451,53
1P02	ivn-rbt LD50:8 gm/kg	KRKRDT 4,71,78
1M30	orl-gpg LD50:28900 mg/kg	ARZNAD 3,451,53

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TQ4040000 POLYETHYLENE GLYCOL #1540
UPDT:8408 CAS: 25322-68-3 MOLFM: (C6-H11-N-O)n
SYN: POLYAETHYLENGLYKOLE #1540 (German)

TOXICITY DATA AND REFERENCES:

1M30	orl-rat LD50:51200 mg/kg	ARZNAD 3,451,53
1M30	ipr-rat LD50:15390 mg/kg	ARZNAD 3,451,53

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TQ4050000 POLYETHYLENE GLYCOL 4000
UPDT:8408 CAS: 25322-68-3 MOLFM: (C6-H11-N-O)n
SYN: CARBOWAX 4000 * CARSONON PEG-4000 * MACROGOL 4000 * POLYAETHYLENGLYKOLE #4000 (German) * POLYGLYCOL 4000 * POLYGLYCOL E-4000 * POLYGLYCOL E-4000 USP * POLYOXYETHYLENE (75)

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg open MLD	UCDS** 4/13/65

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:59 gm/kg	85ESA3 9,984,76
1M30	ipr-rat LD50:11550 mg/kg	ARZNAD 3,451,53
1M30	scu-mus LD50:18 gm/kg	ARZNAD 3,451,53
1M30	ivn-mus LD50:16 gm/kg	ARZNAD 3,451,53
1M30	orl-rbt LD50:76 gm/kg	ARZNAD 3,451,53
1M30	orl-gpg LD50:50900 mg/kg	ARZNAD 3,451,53

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TQ4100000 POLYETHYLENE GLYCOL 6000
UPDT:8408 CAS: 25322-68-3 MOLFM: (C6-H11-N-O)n
SYN: CARBOWAX 6000 * POLYAETHYLENGLYKOLE #6000 (German)

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg open MLD	UCDS** 4/9/65

MUTATION DATA AND REFERENCES:

	dnd-omi 100 gm/L	PNASA6 72,4288,75
	dnd-omi 100 gm/L	PNASA6 72,4288,75
	cyt-ham:oth 50 pph	DKBSAS 240,228,81

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:50 gm/kg	UCDS** 4/9/65
1M30	ipr-rat LD50:6790 mg/kg	ARZNAD 3,451,53
1M30	orl-gpg LD50:50 gm/kg	ARZNAD 3,451,53

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TQ4110000 POLYETHYLENE GLYCOL #10000
UPDT:8401 CAS: 25322-68-3 MOLFM: (C6-H11-N-O)n
SYN: POLYAETHYLENGLYKOLE #10000

TOXICITY DATA AND REFERENCES:

1M30	orl-rat LD50:50 gm/kg	ARZNAD 3,451,53
1M30	ipr-rat LD50:12600 mg/kg	ARZNAD 3,451,53

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

POLYETHYLENE GLYCOL 200 DI(2-ETHYLHEXOATE) see: MO7710000
POLYETHYLENE GLYCOL DIMETHYL ETHER see: MC9630000 GLYCOLS, POLYETHYLENE, DIMETHYL ETHER

TQ4375000 POLYETHYLENE GLYCOL DISTEARATE
UPDT:8401 CAS: 9005-08-7 MOLFM: (C2-H4-O)n-C36-H70-O3
SYN: EMEREST 2642 * LIPAL 15-DS * NONEX 80 * PEG 1540 DISTEARATE * POLYETHYLENE GLYCOL 300 DISTEARATE * POLYETHYLENE GLYCOL 400 (DI) STEARATE * POLYETHYLENE GLYCOL 600 (DI) STEARATE * POLYGLYCOL DISTEARATE * S 1009 * S 1013 * STABOGEL

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:365 mg/kg	JAPMA8 38,428,49

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

POLYETHYLENE GLYCOL 300 DISTEARATE see: TQ4375000
POLYETHYLENE GLYCOL 400 (DI) STEARATE see: TQ4375000
POLYETHYLENE GLYCOL 600 (DI) STEARATE see: TQ4375000
POLYETHYLENE GLYCOL DODECYL ETHER see: MD0875000

TQ4950000 POLYETHYLENE GLYCOL E 600
UPDT:8401 CAS: 25322-68-3 MOLFM: (C6-H11-N-O)n

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:7900 ug/kg	RPOBAR 2,316,70

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

POLYETHYLENE GLYCOL LAURYL ETHER see: MD0875000
POLYETHYLENE GLYCOL MONOETHER with p-tert-OCTYLPHENYL see: MD0907700
POLYETHYLENE GLYCOL MONOLEYL ETHER see: RK2800000
POLYETHYLENE GLYCOL MONO(OCTYLPHENYL) ETHER see: MD0907600
POLYETHYLENE GLYCOL MONO(4-OCTYLPHENYL) ETHER see: MD0907700
POLYETHYLENE GLYCOL MONO(p-tert-OCTYLPHENYL) ETHER see: MD0907700
POLYETHYLENE GLYCOL MONO(4-tert-OCTYLPHENYL) ETHER see: MD0907700
POLYETHYLENE GLYCOL MONOOLEATE see: MD0880000

TQ5400000 POLYETHYLENE GLYCOL MONOSTEARATE
UPDT:8403 CAS: 9004-99-3 MOLFM: (C2-H4-O)n-C18-H36-O2
SYN: EMULPHOR VT-650 * MYRJ 45 * PMS No. 2 * POLYOXYETHYLENE-8-MONOSTEARATE * POLYOXYETHYLENE(8)STEARATE * TRYDET SA SERIES

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T75T76	orl-rat TDLo:635 gm/kg (MGN)	JONUAI 60,489,56
1T75	orl-rat TDLo:1270 gm/kg (84D pre-21D post)	JONUAI 60,489,56

TUMORIGENIC DATA AND REFERENCES:

2V03V15	orl-rat TDLo:4015 gm/kg/2Y-C	AEHLAU 6,484,63
3V03V10V15	ipl-rat TDLo:4000 mg/kg/69W-I	AEHLAU 6,484,63
3V03V10V15	imp-rat TDLo:100 mg/kg	AEHLAU 6,484,63
2V03V15	orl-mus TDLo:18250 gm/kg/1Y-C	AEHLAU 6,484,63

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:64 gm/kg	FOREAE 21,348,56
	orl-ham LD50:27 gm/kg	FOREAE 21,348,56

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARTODN 32,245,74; ADCSAJ 13,271,70

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TQ5640000 POLYETHYLENE GLYCOL MONOSTEARATE #400
UPDT:8401 CAS: 9004-99-3 MOLFM: (C2-H4-O)n-C18-H36-O2

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:250 mg/kg	JAPMA8 38,428,49

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TQ5800000 POLYETHYLENE GLYCOL MONOSTEARATE #1000
UPDT:8401 CAS: 9004-99-3 MOLFM: (C2-H4-O)n-C18-H36-O2
SYN: CARBOWAX 1000 MONOSTEARATE * S 1004 * S 1016 * S 1042 * USAF KE-9

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:200 mg/kg	NTIS** AD277-689
	ivn-mus LD50:870 mg/kg	JAPMA8 38,428,49

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TQ5950000 POLYETHYLENE GLYCOL MONOSTEARATE #6000
UPDT:8401 CAS: 9004-99-3 MOLFM: (C2-H4-O)n-C18-H36-O2
SYN: GLYCOL POLYETHYLENE MONOSTEARATE #6000 * USAF KE-14

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:200 mg/kg	NTIS** AD277-689

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

POLYETHYLENE GLYCOL MONO(p-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL) ETHER see: MD0907700
POLYETHYLENE GLYCOL 450 NONYL PHENYL ETHER see: MD0905000
POLYETHYLENE GLYCOL OCTYLPHENOL ETHER see: MD0907700
POLYETHYLENE GLYCOL OCTYLPHENYL ETHER see: MD0907600
POLYETHYLENE GLYCOL p-OCTYLPHENYL ETHER see: MD0907700
POLYETHYLENE GLYCOL p-tert-OCTYLPHENYL ETHER see: MD0907700
POLYETHYLENE GLYCOL 450 OCTYL PHENYL ETHER see: MD0907700
POLYETHYLENE GLYCOL OLEATE see: MD0880000
POLYETHYLENE GLYCOL 1000 OLEYL ETHER see: RK2975000
POLYETHYLENEGLYCOLS MONOSTEARATE see: MD0907300
POLYETHYLENE GLYCOL p-1,1,3,3-TETRAMETHYLBUTYLPHENYL ETHER see: MD0907700

TQ7700000 POLYETHYLENE IMINE
UPDT:8403 CAS: 26913-06-4 MOLFM: (C2-H8-N2)n
SYN: CORCAT * POLYETHYLENIMIN (Czech)

IRRITATION DATA AND REFERENCES:

	eye-rbt 500 mg/24H MOD	28ZPAK -,256,72

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:3300 mg/kg	28ZPAK -,256,72

POLY(ETHYLENE OXIDE) see: TQ3500000
POLY(ETHYLENE OXIDE) DODECYL ETHER see: MD0875000
POLYETHYLENE OXIDE MONOOLEATE see: MD0880000
POLY(ETHYLENE OXIDE)OCTYLPHENYL ETHER see: MD0907600
POLY(ETHYLENE OXIDE) OLEATE see: MD0880000
POLY-1,2-ETHYLENE-PIPERIDINE N-OXIDE see: TR4950600
POLYETHYLENE RESINS see: TQ3325000

POLYETHYLENE TEREPHTHALATE see: TR2725000
POLYETHYLENE TEREPHTHALATE FILM see: TR2725000
POLY(ETHYLENE TETRAFLUORIDE) see: KX4025000

TQ7905000 POLYETHYLENE Y-141-A
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:6750 mg/kg CNREAB 35,1591,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

POLYETHYLENIMIN (Czech) see: TQ7700000
POLYFENE see: KX4025000
POLYFER see: NI2200000
POLYFIBRON 120 see: FJ5950000
POLYFLEX see: WL6475000
POLYFLON see: KX4025000
POLYFLON D1 see: KX4025000
POLYFLON EK 4108GY see: KX4025000
POLYFLON EK 1108GY-A see: KX4025000
POLYFLON F 103 see: KX4025000
POLYFLON M12 see: KX4025000
POLYFLON M21 see: KX4025000
POLYFLON M12A see: KX4025000
POLYFOAM PLASTIC SPONGE see: TR7875000
POLYFOAM SPONGE see: TR7875000
POLYFOX P 20 see: AK0920000
POLYFOX PO see: AK0920000
POLYFURFURYLIDINEACETONE see: EM9940000
POLY G 400 see: TQ3675000

TQ8019900 POLYGALA ARILLATA Ham., extract excluding roots
DEF:Indian plant belonging to the family POLYGALACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 12,512,74

POLY-GIRON see: TI4375000
POLY-L-GLUTAMATE see: MA1700000
POLYGLUTAMIC ACID see: MA1700000
POLY(alpha-L-GLUTAMIC ACID) see: MA1700000
POLY(L-GLUTAMIC ACID) see: MA1700000
L-gamma-POLYGLUTAMIC ACID see: MA1700000
POLYGLYCOL 1000 see: TQ4025000
POLYGLYCOL 4000 see: TQ4050000
POLYGLYCOL DISTEARATE see: TQ4375000
POLYGLYCOL E1000 see: TQ4025000
POLYGLYCOL E-4000 see: TQ4050000
POLYGLYCOL E-4000 USP see: TQ4050000
POLYGLYCOL MONOOLEATE see: MD0880000

TQ9100000 POLYGLYCOL OLEATE
UPDT:8401 CAS: 9004-96-0 MOLFM: (C2-H4-O)n-C18-H34-O2
SYN: NOPALCOL 4-O
IRRITATION DATA AND REFERENCES:
eye-rbt 1% MLD JAPMA8 38,428,49
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:1080 mg/kg JAPMA8 38,428,49
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

POLYGLYCOL OLEATE see: MD0880000
POLYGON see: YK4900000

TQ9296000 POLYGONUM AFFINE D. Don., extract
DEF:Indian plant belonging to the family POLYGONACEAE (IJEBA6 11,43,73)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2H30U26 ipr-mus LD50:500 mg/kg IJEBA6 11,43,73

TQ9297000 POLYGONUM AMPLEXICAULE Don., extract
DEF:Indian plant belonging to the family POLYGONACEAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:750 mg/kg IJEBA6 7,250,69

TQ9297100 POLYGONUM AMPLEXICAULA D. Don, extract excluding roots
DEF:Indian plant belonging to the family POLYGONACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:750 mg/kg IJEBA6 16,228,78

TQ9297200 POLYGONUM AMPLEXICAULA D. Don, root extract
DEF:Indian plant belonging to the family POLYGONACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

TQ9297300 POLYGONUM AVICULARE Linn., extract excluding roots
DEF:Indian plant belonging to the family POLYGONACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2H02P02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

TQ9297400 POLYGONUM CAPITATUM Ham., extract
DEF:Indian plant belonging to the family POLYGONACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1P02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

TQ9298000 POLYGONUM CHINENSE Linn. var. OVALIFOLIA Meissn., extract excluding roots
DEF:Indian plant belonging to the family POLYGONACEAE (IJEBA6 9,91,71)
UPDT:8405
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

TQ9298500 POLYGONUM FILICAULIS Wall. ex Meisn., extract
DEF:Indian plant belonging to the family POLYGONACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50.250 mg/kg IJEBA6 18,594,80

TQ9299000 POLYGONUM HYDROPIPER L., dry powdered whole plant
UPDT:8306
SYN: WATER-PEPPER HERB
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T14 orl-mus TDLo:840 gm/kg (21D pre) JOENAK 12,252,55
1T23 orl-mus TDLo:4200 gm/kg (15W male) JOENAK 12,252,55
1T22 orl-mus TDLo:4200 gm/kg (15W pre) JOENAK 12,252,55
1T22 orl-gpg TDLo:1008 gm/kg (56W pre) JOENAK 12,252,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TQ9300000 POLYGONUM HYDROPIPER Linn., root extract
DEF:Indian plant having antifertility activity (IJEBA6 14,623,75)
UPDT:8408
SYN: PACKURMUL, root extract
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:700 mg/kg (1-7D preg) IJEBA6 14,623,75
1T29 orl-rbt TDLo:300 mg/kg (3D pre) IJMRAQ 62,1225,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TQ9301000 POLYGONUM MACROPHYLLUM D. Don, extract
DEF:Indian plant belonging to the family POLYGONACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 18,594,80

TQ9305000 POLYGONUM PUNCTATUM Ham., extract
DEF:Indian plant belonging to the family POLYGONACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: KUKUR-THOTNIA EXTRACT
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:500 mg/kg IJEBA6 7,250,69

TQ9306000 POLYGONUM RECUMBENS Royle, extract
DEF:Indian plant belonging to the family POLYGONACEAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2U26V30 ipr-mus LD50:375 mg/kg IJEBA6 7,250,69

TQ9307000 POLYGONUM RUDE Meissn., extract excluding roots
DEF:Indian plant belonging to the family POLYGONACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

POLYGRIPAN see: TI4375000
POLY-G SERIES see: TQ3500000

TQ9380000 POLY(HYDROXYETHYLENE(DIMETHYLIMINIO)-ETHYLENE(DIMETHYLIMINIO)-METHYLENE DICHLORIDE)
UPDT:8401 MOLFM: (C9-H22-N2-O .Cl2)n
SYN: WSCP 2
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3732 mg/kg FMCHA2 -,C257,83

POLY I:C see: TR0175000
POLY(I + C) see: TR0175000
POLY(rI).(rC) see: TR0175000
POLY(rI:rC) see: TR0175000
POLY(ICL) see: TR0140000
POLY ICLC see: OL5613500
POLY.ICLC see: NM7454000
POLY (ICLC) see: NM7454000
POLY (ICLC) see: TR0130000

TQ9800000 POLY(IMINOCARBONYLPENTAMETHYLENE)
UPDT:8401 CAS: 25038-54-4 MOLFM: (C6-H11-N-O)n
SYN: A 1030 * A 1030N0 * AKULON * AKULON M 2W * ALKAMID * AMILAN CM 1001 * AMILAN CM 1011 * AMILAN CM 1031 * AMILAN CM 1001C * AMILAN CM 1001G * 6-AMINOHEXANOIC ACID HOMOPOLYMER * ATM 2 (NYLON) * AVIAMIDE-6 * B-33 * B-203 * B-216 * B-300 * B-350 * BONAMID * CAPRAN 80 * CAPRAN 77C * CAPROAMIDE POLYMER * CAPROLACTAM OLIGOMER * CAPROLACTAM POLYMER * epsilon-CAPROLACTAM POLYMER * epsilon-CAPROLACTAM POLYMERE (German) * CAPROLON B * CAPROLON V * CAPRON * CAPRON 8250 * CAPRON 8252 * CAPRON 8253 * CAPRON 8256 * CAPRON B * CAPRON GR 8256 * CAPRON GR 8257 * CAPRON GR 8258 * CAPRON PK 4 * CHEMLON * CM 1001 * CM 1011 * CM 1031 * CM 1041 * DANAMID * DULL 704 * DURETHAN BK * DURETHAN BK 30S * DURETHAN BKV 30H * DURETHAN BKV 55H * ERTALON 6SA * EXTRON 6N * GRILON * HEXAHYDRO-2H-AZEPIN-2-ONE HOMOPOLYMER * ITAMID * ITAMID 250 * ITAMIDE 25 * ITAMIDE 35 * ITAMIDE 250 * ITAMIDE 350 * ITAMIDE 250G * ITAMIDE S * KAPROLIT * KAPROLIT B * KAPROLON * KAPROLON B * KAPROMIN * KAPRON * KAPRON A * KAPRON B * KS 30P * MARANYL F 114 * MARANYL F 124 * MARANYL F 500 * METAMID * MIRAMID H 2 * MIRAMID WM 55 * NYLON-6 * NYLON A1035SF * NYLON CM 1031 * NYLON X 1051 * ORGAMIDE * ORGAMID RMNOCD * PA 6 * PA 6 (POLYMER) * PK 4 * PKA * PLASKIN 8200 * PLASKON 201 * PLASKON 8201 * PLASKON 8205 * PLASKON 8207 * PLASKON 8252 * PLASKON 8202C * PLASKON 8201HS * PLASKON XP 607 * POLICAPRAN * POLYAMIDE 6 * POLYAMIDE PK 4 * POLY(epsilon-AMINOCAPROIC ACID) * POLYCAPROAMIDE * POLY(epsilon-CAPROAMIDE) * POLYCAPROLACTAM * POLY(epsilon-CAPROLACTAM) * POLY(IMINO(1-OXO-1,6-HEXANEDIYL)) (9CI) * P 6 (POLYAMIDE) * RELON P * RENYL MV * SIPAS 60 * SPENCER 401 * SPENCER 601 * STEE-PH * STILON * STYLON * TARLON X-A * TARLON XB * TARNAMID T * TARNAMID T 2 * TARPAMID T 27 * TNK 2G5 * TORAYCA N 6 * UBE 1022B * ULTRAMID B 3 * ULTRAMID B 4 * ULTRAMID B 5 * ULTRAMID BMK * VIDLON * WIDLON * ZYTEL 211
TUMORIGENIC DATA AND REFERENCES:
2V02V10 imp-rat TDLo:5 film disc/rat ZENBAX 7b,353,52
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3200 mg/kg GISAAA 42(3),99,77
* orl-mus LD50:1900 mg/kg GISAAA 42(3),99,77
ihl-mus LC50:11 gm/m3/30M PWPSAB 21,167,78
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 19,115,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

POLY(IMINO(1-OXO-1,6-HEXANEDIYL)) (9CI) see: TQ9800000
POLYINOSINATE:POLYCYTIDYLATE see: TR0175000

TR0130000 POLYINOSINIC ACID, COMPLEX with POLYCYTIDYLIC ACID and POLYLYSINE
UPDT:8311 MOLFM: (C10-H13-N4-O8-P)x .(C9-H14-N3-O8-P)x .(C6-H12-N2-O2)x
SYN: POLY (ICLC) * POLY(I).POLY(C)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:12600 ug/kg PSEBAA 169,183,82

TR0140000 POLYINOSINIC ACID, HOMOPOLYMER with POLYCYTIDYLIC ACID, COMPLEX with POLYLYSINE
UPDT:8311
SYN: POLY(ICL) * POLYRIBOINOSINIC ACID-POLYRIBOCYTIDYLIC ACID-POLY-L-LYSINE COMPLEX
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:25 mg/kg PSEBAA 169,183,82

POLYINOSINIC-POLYCYTIDYLIC ACID see: TR0175000

TR0175000 POLYINOSINIC:POLYCYTIDYLIC ACID COPOLYMER
UPDT:8405 CAS: 24939-03-5 MOLFM: (C10-H13-N4-O8-P)x .(C9-H14-N3-O8-P)x
SYN: 5'-INOSINIC ACID, HOMOPOLYMER, complex with 5'-CYTIDYLIC ACID HOMOPOLYMER (1:1) * POLY C POLY I * POLYCYTIDYLIC-POLYINOSINIC ACID * POLY(I - C) * POLY I:C * POLYINOSINATE:POLYCYTIDYLATE * POLYINOSINIC-POLYCYTIDYLIC ACID * POLY I:POLY C * POLY(I).POLY(C) * POLY(I).POLY(C) COMPLEX * POLY rI:POLY rC * POLY(rI).POLY(rC) * POLY(rI).(rC) * POLY(rI:rC) * POLY I:POLY C
IRRITATION DATA AND REFERENCES:
eye-rbt 950 mg/6H ANOPBS 3,371,71
MUTATION DATA AND REFERENCES:
dni-hmn:hla 300 ug/L PNASA6 70,3904,73
dni-mus-ipr 4 mg/kg JNCIAM 54,219,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-rbt TDLo:2 mg/kg (8-9D preg) NATUAS 223,718,69
1T29 ivn-rbt TDLo:30 ug/kg (1D pre) JRPFA4 63,81,81
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:365 mg/kg TXAPA9 18,220,71

ivn-rat LD50:185 mg/kg TXAPA9 18,220,71
3H30P01U30 ipr-mus LD50:50 mg/kg VVIRAT 23(2),201,78
3H30P01U30 ivn-mus LD50:15800 ug/kg VVIRAT 23(2),201,78
ivn-dog LDLo:3 mg/kg TXAPA9 23,579,72
ivn-mky LDLo:15 mg/kg TXAPA9 23,579,72
3H30P01U30 ivn-rbt LD50:220 ug/kg VVIRAT 23(2),201,78

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 2,159,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

POLY I-POLY C see: TR0175000
POLY I:POLY C see: TR0175000
POLY(I).POLY(C) see: TR0175000
POLY(I).POLY(C) see: TR0130000
POLY rI:POLY rC see: TR0175000
POLY(rI).POLY(rC) see: TR0175000
POLY(I).POLY(C) COMPLEX see: TR0175000
POLYMANNURONIC ACID see: AZ5775000
POLYMARCIN see: TR6250000
POLYMARCINE see: TR6250000
POLYMARSIN see: TR6250000
POLYMARZIN see: TR6250000
POLYMARZINE see: TR6250000
POLYMAT see: TR6250000
POLYMER, CARBOXY VINYL see: FH3485000

TR0200000 POLYMERIC DIALDEHYDE
UPDT:8401 MOLFM: (C6-H8-O5)n

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:268 mg/kg/67W-I JNCIAM 46,143,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

POLYMERIC MDI see: TR0320000
POLY(METHI(BIS(HYDROXYMETHYL)UREYLENE)AMER see: YU1610000
POLY(METHYLBIS(THIOCYANATO)ARSINE) see: CH6875000
POLY(METHYLENE PHENYLENE ISOCYANATE) see: TR0320000
POLYMETHYLENE POLYPHENYLENE ISOCYANATE see: TR0320000
POLYMETHYLENEPOLYPHENYLENE ISOCYANATE POLYMER see: TR0320000
POLYMETHYLENEPOLYPHENYLENE POLYISOCYANATE see: TR0320000

TR0320000 POLYMETHYLENEPOLYPHENYL ISOCYANATE
UPDT:8307 CAS: 9016-87-9
SYN: ISOCYANATE 390P * ISOCYANIC ACID, POLYMETHYLENEPOLYPHENYLENE ESTER (9CI) * MILLIONATE MR * MIRIONATE MR * MONDUR MR * MONDUR MRS * PAPI * PAPI 901 * POLYMERIC MDI * POLY(METHYLENE PHENYLENE ISOCYANATE) * POLYMETHYLENE POLYPHENYLENE ISOCYANATE * POLYMETHYLENEPOLYPHENYLENE ISOCYANATE POLYMER * POLYMETHYLENEPOLYPHENYLENE POLYISOCYANATE * POLYMETHYLENE POLYPHENYL POLYISOCYANATE * POLYMETHYL POLYPHENYL POLYISOCYANATE * POLY(PHENYLENEMETHYLENE ISOCYANATE) * POLYPHENYLENE POLYMETHYLENE POLYISOCYANATE * POLYPHENYLPOLYMETHYLENE POLYISOCYANATE * THANATE P 210 * THANATE P 220 * THANATE P 270

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

POLYMETHYLENE POLYPHENYL POLYISOCYANATE see: TR0320000

TR0400000 POLYMETHYLMETHACRYLATE
UPDT:8401 CAS: 9011-14-7 MOLFM: (C5-H8-O2)n
SYN: ACRONAL S 320 D * ACRYLITE * ACRYLOID A-15 * ACRYPET * ACRYPET M 001 * ACRYPET V * ACRYPET VH * ACRYSOL ASE * AKURIPETTO VH * ALTULOR M 70 * A 21LV * AO 10 * CMW BONE CEMENT * CRINOTHENE * DEGALAN LP 59/03 * DEGALAN S 85 * DELPET 50M * DELPET 60N * DELPET 80N * DIAKON * DIAKON LO 951 * DIAKON MG * DIAKON MG 101 * DISAPOL M * DV 400 * ELVACITE * ELVACITE 2008 * ELVACITE 2009 * ELVACITE 2010 * ELVACITE 2021 * ELVACITE 2041 * ELVACITE 6011 * ELVACITE 6012 * KALLOCRYL K * KALLODENT 222 * KALLODENT CLEAR * KANEACE PA 20 * K 120 N * KORAD * LPT * LPT 1 * LSO-M * LSO-M 48 * LUCITE * LUCITE 30 * LUCITE 47 * LUCITE 120 * LUCITE 129 * LUCITE 130 * LUCITE 140 * LUCITE 147 * LUCITE 180 * METAPLEX NO * METAPLEX 4002T * METHACRYLIC ACID METHYL ESTER POLYMERS * METHYL METHACRYLATE HOMOPOLYMER * METHYL METHACRYLATE POLYMER * METHYL METHACRYLATE RESIN * 2-METHYL-2-PROPENOIC ACID METHYL ESTER HOMOPOLYMER (9CI) * MH 101-2 * 50N * 50N (POLYMER) * ORGANIC GLASS E 2 * OSTEOBOND * OSTEOBOND SURGICAL BONE CEMENT * PALACOS * PALACOS R * PARAGLAS * PARAPET 60H * PARAPLEX P 543 * PARAPLEX P 681 * PERSPEX * PLEX 8572-F * PLEXIGLAS * PLEXIGUM M 920 * PMMA * PMMA-A * PONTALITE * REPAIRSIN * RESARIT 4000 * RHOPLEX B 85 * RISTON * ROMACRYL * SHINKOLITE * SO 95 * SO 120 * SO 140 * SOL * SOL 90 * SOL 95 * ST 1 * STELLON PINK * ST 1 (POLYMER) * SUMIPEX B-LG * SUMIPEX B-MH * SUMIPEX-B MHD * SUMIPEX LG * SUMIPEX LO * SUMIPEX MHO * SUPERACRYL AE * SUPERACRYL O * SURGICAL SIMPLEX * SURGICAL SIMPLEX P * TENSOL 7 * TOREX G * VEDRIL * VEDRIL 5 * VEDRIL 8

TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:127 mg/kg CNREA8 15,333,55
2V03V10 imp-mus TDLo:800 mg/kg PSEBAA 87,329,54
3V03J60V10 imp-rat TD :1882 mg/kg BJEPA5 45,21,64
2V03V10 imp-mus TD :13 gm/kg CNREA8 37,4367,77
2V03V10 imp-mus TD :1280 mg/kg TUMOAB 52,165,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CMTVAS 10,49,73; ACEDAB 75,296,74; SMJOAV 67,1459,74; ETOXAC 6,1,75
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,187,79
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 19,187,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

POLYMETHYL POLYPHENYL POLYISOCYANATE see: TR0320000

TR0460000 POLYMETHYLSILOXANE
DEF:Polymer with basic structure of alternating SILICON and OXYGEN atoms (AMSGAO 78,220,59)
UPDT:8404
SYN: ANTIFOAM A

TOXICITY DATA AND REFERENCES:
ivn-dog LD50:900 mg/kg AMSGAO 78,220,59
par-dog LD50:20 mg/kg AMSGAO 78,220,59

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 227
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

POLYMINE D see: BO7175000
POLYMIST A12 see: TQ3325000
POLYMONE see: UF1050000
POLYMO RED FGN see: QK4247000
POLYMUL CS 81 see: TQ3325000
POLYMYXIN E see: GH1575000

TR1450000 POLYMYXIN E, METHANE SULFONATE
UPDT:8403
SYN: COLIMYCIN METHANESULFONATE * COLISTIN METHANESULFONATE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:126 mg/kg 85ERAY 3,1572,78
* scu-mus LD50:138 mg/kg 85ERAY 3,1572,78
* ivn-mus LD50:222 mg/kg 85ERAY 3,1572,78

POLYNOXYLIN see: YU1610000
POLYOESTRADIOL PHOSPHATE see: KG5792000
POLYOX see: TQ3500000
POLYOXIN A see: CM4310640
POLYOXIN AL see: BA2927000
POLYOXIN B see: BA2927000
POLYOXIN C see: DT3740000
POLYOXIN D see: UV7717100
POLYOXIN D, ZINC SALT see: UV7717200
POLYOXIN F see: UV7717000
POLYOXIN G see: BA2927400
POLYOXIN H see: CM4310650
POLYOXIN L see: BA2926500
POLYOXIN N see: BA2925500
POLY(1-(2-OXO-1-PYRROLIDINYL)ETHYLENE) see: TR8370000

TR1579800 POLY(1-(2-OXO-1-PYRROLIDINYL)3-((OCTAHYDRO-2H-1-QUINOLIZIN-1-YLMETHOXY)CARBONYL) TETRAMETHYLENE)
UPDT:8308 MOLFM: (C19-H29-N2-O3)n

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:95 mg/kg PCJOAU 8,618,74

POLY(OXY(DIMETHYLSILYLENE)) see: TQ2690000

TR1581100 POLY(OXY-1,2-ETHANEDIYL), alpha-(CARBOXYMETHYL)-omega-(NONYLPHENOXY)-, SODIUM SALT
UPDT:8411 CAS: 56323-90-1 MOLFM: (C2-H4-O)n .C17-H26-O3 .Na

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:880 mg/kg OYYAA2 8,1713,74

POLY(OXY-1,2-ETHANEDIYL), alpha-DODECYL-omega-HYDROXY- see: MD0875000
POLY(OXY-1,2-ETHANEDIYL), alpha-HYDRO-omega-HYDROXY- (9CI) see: TQ4030000
POLY(OXY-1,2-ETHANEDIYL), alpha-HYDRO-omega-HYDROXY- see: TQ3500000
POLY(OXY-1,2-ETHANEDIYL), alpha-METHYL-omega-METHOXY- (9CI) see: MC9630000 GLYCOLS,POLYETHYLENE, DIMETHYL ETHER
POLY(OXY-1,2-ETHANEDIYL), alpha-9-OCTADECENYL-omega-HYDROXY-, (Z)- see: RK2975000
POLY(OXY-1,2-ETHANEDIYL), alpha-9-OCTADECENYL-omega-HYDROXY-, (Z)- see: RK2800000
POLY(OXY-1,2-ETHANEDIYL), alpha-(1-OXO-9-OCTADECENYL)-omega-HYDROXY-, (Z)- (9CI) see: MD0880000
POLY(OXY-1,2-ETHANEDIYL), alpha-1-(OXOOCTADECYL)-omega-HYDROXY- see: MD0907300
POLY(OXY-1,2-ETHANEDIYLOXYCARBONYL-1,4-PHENYLENECARBONYL) (9CI) see: TR2725000
POLY(OXY-1,2-ETHANEDIYL), alpha-((TETRAHYDRO-2-FURANYL)METHYL)-omega-HYDROXY- see: MD0907500
POLY(OXY-1,2-ETHANEDIYL), alpha-((1,1,3,3-TETRAMETHYLBUTYL)PHENYL)-omega-HYDROXY- (9CI) see: MD0907600
POLY(OXY-1,2-ETHANEDIYL), alpha-(4-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL)-omega-HYDROXY- (9CI) see: MD0907700

TR1585000 POLYOXYETHYLATED VEGETABLE OIL
UPDT:8401 CAS: 9004-98-2 MOLFM: (C2-H4-O)n-C18-H36-O
SYN: EL-620 * EL-719 * EMULPHOR * EMULPHOR SURFACTANTS

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:70 gm/kg FMCHA2 -,C94,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

POLYOXYETHYLENE (75) see: TQ4050000
POLYOXYETHYLENE 1500 see: TQ4030000
POLYOXYETHYLENE-ALKYL CITRIC DIESTER-TRIETHANOLAMINE see: GE7555000
POLYOXYETHYLENE-secondary ALKYL ETHER CITRIC DIESTER TRIETHANOLAMINE see: GE7555000
POLYOXYETHYLENE DIMETHYL ETHER see: MC9630000 GLYCOLS, POLYETHYLENE, DIMETHYL ETHER

TR1650000 POLY(OXYETHYLENE(DIMETHYLIMINIO)-ETHYLENE(DIMETHYLMINIO)-ETHYLENE DICHLORIDE
UPDT:8309 CAS: 31512-74-0 MOLFM: (C10-H24-N2-O .Cl2)n
SYN: BUSAN 77 * BUALTA * WSCP

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1850 mg/kg FMCHA2 -,C257,83

POLYOXYETHYLENE DODECANOL see: JR5970000
POLY(OXYETHYLENE) OLEIC ACID ESTER see: MD0880000
POLYOXYETHYLENE LAURIC ALCOHOL see: MD0875000
POLYOXYETHYLENE LAURYL ALCOHOL see: MD0875000
POLYOXYETHYLENE MONO(OCTYLPHENYL) ETHER see: MD0907700
POLYOXYETHYLENE MONOOCTYLPHENYL ETHER see: MD0907600
POLY(OXYETHYLENE) MONOOLEATE see: MD0880000
POLYOXYETHYLENE MONOSTEARATE see: MD0907300
POLYOXYETHYLENE-8-MONOSTEARATE see: TQ5400000
POLYOXYETHYLENE NONYLPHENOL see: MD0900000
POLYOXYETHYLENE (9) NONYL PHENYL ETHER see: MD0905000
POLY(OXYETHYLENE)OCTYLPHENOL ETHER see: MD0907600
POLY(OXYETHYLENE)OCTYLPHENYL ETHER see: MD0907600
POLY(OXYETHYLENE)p-tert-OCTYLPHENYL ETHER see: MD0907700
POLYOXYETHYLENE (9) OCTYLPHENYL ETHER see: MD0907700
POLYOXYETHYLENE (13) OCTYLPHENYL ETHER see: MD0907700
POLY(OXYETHYLENE) OLEATE see: MD0880000
POLYOXYETHYLENE (20) OLEYL ETHER see: RK2975000

TR2725000 POLY(OXYETHYLENEOXYTEREPHTHALOYL)
UPDT:8403 CAS: 25038-59-9 MOLFM: (C10-H8-O4)n
SYN: ALATHON * AMILAR * ARNITE A * ARNITE A 200 * ARNITE A-049000 * ARNITE FP 800 * ARNITE G * ARNITE G 600 * CASSAPPRET SR * CELANAR * CLEARTUF * CLERTUF * CRASTIN S 330 * CRASTIN S 350 * CRASTIN S 440 * DAIYA FOIL * DOWLEX * ESTAR * ESTROFOL * ESTROFOL B * ESTROFOL Ow * ETHYLENE TEREPHTHALATE POLYMER * FIBER V * HOSTADUR * HOSTADUR A * HOSTADUR K * HOSTADUR K-VP 4022 * HOSTAPHAN * HOSTAPHAN BNH * HOSTAPHAN RN * IAMBOLEN * KLT 40 * LAVSAN * LAWSONITE * LUMILAR 100 * LUMIRROR * LUMIRROR 38S * MELIFORM * MELINEX * MELINEX O * MYLAR * MYLAR A * MYLAR C * MYLAR C-25 * MYLAR HS * MYLAR T * NITRON LAVSAN * NITRON (POLYESTER) * PEGOTERATE * POLYETHYLENE TEREPHTHALATE * POLYETHYLENE TEREPHTHALATE FILM * POLY(OXY-1,2-ETHANEDIYLOXYCARBONYL-1,4-PHENYLENECARBONYL) (9CI) * SCOTCH PAR * SUPERFLOC * TEREPHTAMLIC ACID-ETHYLENE GLYCOL POLYESTER * TERFAN * TERGAL * TEROM * TERPHAN * VFR 3801 * VITUF

MUTATION DATA AND REFERENCES:
mma-sat 25 ug/plate TOLED5 3,325,79

TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:116 mg/kg CNREA8 15,333,55

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

POLYOXYETHYLENE SORBITAN MONOLAURATE see: WG2931000
POLYOXYETHYLENE (20) SORBITAN MONOLAURATE see: TR7400000
POLYOXYETHYLENE SORBITAN MONOOLEATE see: WG2932500
POLYOXYETHYLENE SORBITAN MONOPALMITATE see: WG2933000
POLYOXYETHYLENE 20 SORBITAN MONOPALMITATE see: WG2933000
POLYOXYETHYLENE SORBITAN MONOSTEARATE see: WG2934000
POLYOXYETHYLENE 20 SORBITAN MONOSTEARATE see: WG2934000
POLYOXYETHYLENE(8)STEARATE see: TQ5400000
POLYOXYETHYLENE STEARYLAMINE STEARATE see: HF9320000
POLYOXYETHYLENE(2) TALLOWAMINE see: WW3150000
POLYOXYL 10 OLEYL ETHER see: RK2800000
POLYOXYMETHYLENE GLYCOLS see: LP8925000

TR4680000 POLY(OXY(METHYL-1,2-ETHANEDIYL)), alpha-BUTYL-omega-HYDROXY-
UPDT:8310 CAS: 9003-13-8 MOLFM: (C3-H6-O)n .C4-H10-O
SYN: BUTOXYPOLYPROPYLENE GLYCOL * BUTOXYPROPANEDIOL POLYMER * CRAG FLY REPELLENT * ENT 8286 * EXP. MITICIDE No. 7 * NEWPOL LB3000 * OPSB * POLY(OXYPROPYLENE) BUTYL ETHER * POLYOXYPROPYLENE MONOBUTYL ETHER * POLYPROPYLENE GLYCOL MONOBUTYL ETHER * PPG-14 BUTYL ETHER * PPG-16 BUTYL ETHER * PPG-33 BUTYL ETHER * STABILENE * STABILENE FLY REPELLENT * UCON LB-250 * UCON LB 1145 * UCON LB 1800X
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 5/23/68
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:9100 mg/kg ARSIM* 20,6,66
orl-rbt LD50:23900 mg/kg SPEADM 78-1,53,78
skn-rbt LD50:21 gm/kg UCDS** 1/16/58
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

POLY(OXY(METHYL-1,2-ETHANEDIYL)), alpha-HYDRO-omega-HYDROXY- (9CI) see: OE5784360

TR4735000 POLY(OXY-p-PHENYLSULFONYL-p-PHENYLENE)
UPDT:8408 CAS: 25667-42-9 MOLFM: (C12-H8-O3-S)n
SYN: P 203 * POLYETHER SULFONE * POLYETHER SULPHONE * 4,4'-SULFONYLDIPHENOL POLYMER, SRU
TOXICITY DATA AND REFERENCES:
3F12F17G04 orl-mus LD50:1300 mg/kg MPPBAB 46,434,77

POLY(OXYPROPYLENE) BUTYL ETHER see: TR4680000
POLYOXYPROPYLENE MONOBUTYL ETHER see: TR4680000

TR4908000 POLY(PHENOXYETHYLENE GLYCOL), ALKYL-
DEF:A spermicidal, nonionic polyether surfactant (CHFCA2 17,80,82)
UPDT:8406
SYN: ALKYLPOLYETHOXYPHENOXYETHANOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:137 mg/kg CHFCA2 17,80,82

POLY(PHENYLENEMETHYLENE ISOCYANATE) see: TR0320000
POLYPHENYLENE POLYMETHYLENE POLYISOCYANATE see: TR0320000

TR4924000 POLY(1-PHENYLETHYLENE(2,5-DIOXO-3,4-FURYLENE))
UPDT:8401 MOLFM: (C12-H10-O3)n
SYN: STYRENE and MALEIC ANHYDRIDE COPOLYMER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 itt-rat TDLo:4 mg/kg (1D male) CCPTAY 20,467,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

POLYPHENYLPOLYMETHYLENE POLYISOCYANATE see: TR0320000
POLYPHLORETIN PHOSPHATE see: UH4429200
POLYPHOS see: OY3675000

TR4950600 POLY(1,2-PIPERIDYLENEETHYLENE 1-OXIDE) #10000
UPDT:8305 MOLFM: (C7-H13-N-O)n
SYN: POLY-1,2-ETHYLENE-PIPERIDINE N-OXIDE
TOXICITY DATA AND REFERENCES:
1J12 ipr-mus LD50:6883 mg/kg RPTOAN 44,143,81

TR4950700 POLY(1,2-PIPERIDYLENEETHYLENE 1-OXIDE) #20000
UPDT:8305 MOLFM: (C7-H13-N-O)n
TOXICITY DATA AND REFERENCES:
1J12 ipr-mus LD50:3619 mg/kg RPTOAN 44,143,81
1J12 ipr-gpg LD50:5682 mg/kg RPTOAN 44,143,81

POLYPODINE A see: FZ8060000

TR4951100 POLYPODIUM EBENIPES (Hk. f.) Copel., extract
DEF:Indian plant belonging to the family POLYPODIACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg IJEBA6 18,594,80

TR4951300 POLYPODIUM MULTILINEATUM Wall., extract
DEF:Indian plant belonging to the family POLYPODIACEAE (IJEBA6 7,250,69)
UPDT:8305
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 7,250,69

POLYPRO 1014 see: UD1842000
POLYPRO B 220 see: UD1842000
POLYPRO G 400P see: UD1842000
POLYPRO J 600 see: UD1842000
POLYPRO J 400P see: UD1842000
POLYPROPENE see: UD1842000

TR4955000 POLY(2-PROPYL-m-DIOXANE-4,6-DIYLENE)
UPDT:8403 CAS: 63148-65-2 MOLFM: H2 .(C8-H14-O2)n
SYN: BUTVAR * POLYVINYLBUTYRAL (Czech) * POLYVINYL BUTYRAL RESINS
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV 28ZPAK -,256,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

POLYPROPYLENE see: UD1842000

TR5250000 POLYPROPYLENE GLYCOL
UPDT:8401 CAS: 25322-69-4 MOLFM: (C3-H8-O2)n
SYN: JEFFOX * POLYPROPYLENGLYKOL (Czech)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD 28ZPAK -,255,72
eye-rbt 500 mg AJOPAA 29,1363,46
eye-rbt 500 mg/24H MOD 28ZPAK -,255,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TR5300000 POLYPROPYLENE GLYCOL 150
UPDT:8401 CAS: 25322-69-4 MOLFM: (C3-H6-O)n-H2-O
TOXICITY DATA AND REFERENCES:
orl-rat LD50:15 gm/kg UCDS** 3/20/73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TR5425000 POLYPROPYLENE GLYCOL #400
UPDT:8401 CAS: 25322-69-4 MOLFM: (C3-H6-O)n-H2-O
TOXICITY DATA AND REFERENCES:
orl-rat LD50:700 mg/kg 14CYAT 2,1524,63
ipr-mus LD50:700 mg/kg JPETAB 103,293,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TR5775000 POLYPROPYLENE GLYCOL #750
UPDT:8401 CAS: 25322-69-4 MOLFM: (C3-H6-O)n-H2-O
TOXICITY DATA AND REFERENCES:
orl-rat LD50:300 mg/kg 14CYAT 2,1524,63
ipr-mus LD50:195 mg/kg JPETAB 103,293,51
ivn-dog LDLo:20 mg/kg JPETAB 103,293,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR5950000 POLYPROPYLENE GLYCOL 1025
UPDT:8401 CAS: 25322-69-4 MOLFM: (C3-H6-O)n-H2-O
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 7/23/70
eye-rbt 500 mg/24H MOD 28ZPAK -,255,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2150 mg/kg UCDS** 7/23/70
ipr-rat LD50:230 mg/kg UCDS** 7/23/70
ivn-rat LD50:100 mg/kg UCDS** 7/23/70
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TR6125000 POLYPROPYLENE GLYCOL #1200
UPDT:8401 CAS: 25322-69-4 MOLFM: (C3-H6-O)n-H2-O
TOXICITY DATA AND REFERENCES:
orl-rat LD50:600 mg/kg 14CYAT 2,1525,63
ipr-mus LD50:113 mg/kg JPETAB 103,293,51
ivn-dog LDLo:20 mg/kg JPETAB 103,293,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TR6200000 POLYPROPYLENE GLYCOL 2025
UPDT:8401 CAS: 25322-69-4 MOLFM: (C3-H6-O)n-H2-O
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 5/19/60
TOXICITY DATA AND REFERENCES:
orl-rat LD50:9760 mg/kg UCDS** 5/19/60
1F11 ipr-rat LD50:4470 mg/kg AMIHBC 3,448,51
2F11F12 ivn-rat LD50:710 mg/kg AMIHBC 3,448,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TR6210000 POLYPROPYLENE GLYCOL 3025
UPDT:8401 CAS: 25322-69-4 MOLFM: (C3-H6-O)n-H2-O
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 3/27/69
TOXICITY DATA AND REFERENCES:
orl-rat LD50:36 gm/kg UCDS** 3/27/69
skn-rbt LD50:20 gm/kg UCDS** 3/27/69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TR6220000 POLYPROPYLENE GLYCOL 4025
UPDT:8401 CAS: 25322-69-4 MOLFM: (C3-H6-O)n-H2-O
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 3/28/69
TOXICITY DATA AND REFERENCES:
orl-rat LD50:57 gm/kg UCDS** 3/28/69
skn-rbt LD50:20 gm/kg UCDS** 3/28/69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

POLYPROPYLENE GLYCOL MONOBUTYL ETHER see: TR4680000
POLYPROPYLENGLYKOL (Czech) see: TR5250000

TR6250000 POLYRAM
UPDT:8408 CAS: 9006-42-2
SYN: AMAREX * CARBATENE * FMC-9102 * METIRAM (9CI) * NIA 9102 * POLIKARBATSIN (Russian) * POLYCARBACIN * POLYCARBACINE * POLYCARBAZIN * POLYCARBAZINE * POLYMARCIN * POLYMARCINE * POLYMARSIN * POLYMARZIN * POLYMARZINE * POLYMAT * POLYRAM 80 * POLYRAM COMBI * POLYRAM 80WP * ZINC METIRAM * ZINEB-ETHYLENE THIURAM DISULFIDE ADDUCT
MUTATION DATA AND REFERENCES:
mmo-smc 5 ppm RSTUDV 6,161,76
mrc-smc 50 ppm MUREAV 10,533,70
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2850 mg/kg VRDEA5 (9),130,75
* unk-rat LD50:3250 mg/kg EQSSDX 3,618,75
* orl-mus LD50:2630 mg/kg VETNAL 56(6),59,80
* orl-rbt LD50:620 mg/kg VETNAL 56(6),59,80
orl-gpg LD50:2400 mg/kg PCOC** -,923,66
* orl-ckn LD50:7660 mg/kg VETNAL 56(6),59,80
* orl-dom LD50:1000 mg/kg VETNAL 56(6),59,80
* unk-mam LD50:3290 mg/kg GISAAA 45(5),29,80
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

POLYRAM 80 see: TR6250000
POLYRAM COMBI see: TR6250000
POLYRAM M see: OP0700000
POLYRAM ULTRA see: JO1400000
POLYRAM 80WP see: TR6250000
POLYRAM Z see: ZH3325000
POLYRIBOINOSINIC ACID-POLYRIBOCYTIDYLIC ACID-POLY-L-LYSINE COMPLEX see: TR0140000
POLYRIBOINOSINIC-POLIRIBOCYTIDYLIC ACID-POLY-L-LYSINE COMPLEX see: NM7454000
POLYSACCHARIDE-K see: OC5680300
POLYSAN see: AT6978000
POLYSAR see: AT6970000
POLYSILICONE see: TQ2700000

TR6355000 POLYSILOXANE RESIN, 30%
UPDT:8311
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg MLD FCTOD7 20,563,82
eye-rbt 100 mg MOD FCTOD7 20,573,82
eye-rbt 100 mg/4S rns MLD FCTOD7 20,573,82

POLYSION N 22 see: TQ3325000
POLYSIZER 173 see: TR8100000
POLYSOL 1000 see: AK0920000
POLYSOL 1200 see: AK0920000
POLYSOL 1000AX see: AK0920000
POLYSOL PS 10 see: AK0920000
POLYSOL S 5 see: AK0920000
POLYSOL S 6 see: AK0920000
POLY-SOLV see: KK8750000
POLY-SOLV DB see: KJ9100000
POLY-SOLV DM see: KL6125000
POLY-SOLV EB see: KJ8575000
POLY-SOLV EE see: KK8050000
POLY-SOLV EE ACETATE see: KK8225000
POLY-SOLV EM see: KL5775000
POLY-SOLVE MPM see: UB7700000
POLY-SOLV TB see: KJ9450000
POLY-SOLV TE see: KK8950000
POLY-SOLV TM see: KL6390000
POLY-SOLV TPM see: UB8050000

TR7400000 POLYSORBATE 20
UPDT:8403 CAS: 9005-64-5 MW: 1227.72 MOLFM: C58-H114-O26
SYN: ARMOTAN PML-20 * CAPMUL * DXEWMULSE POE-SML * EMSORB 6915 * GLYCOSPERSE L-20 * GLYCOSPERSE L-20X * HODAG PSML-20 * LIPOSORB L-20 * POE 20 SORBITAN MONOLAURATE * POLYOXYETHYLENE (20) SORBITAN MONOLAURATE * PROTASORB L-20 * PSML * SORBIMACROGOL LAURATE 300 * SORBITAN, MONODODECANOTE, POLY(OXY-1,2-ETHANEDIYL) DERIVATIVES * TWEEN 20
IRRITATION DATA AND REFERENCES:
skn-hmn 15 mg/3D-I MLD 85DKA8 -,127,77

TOXICITY DATA AND REFERENCES:
orl-rat LD50:37 gm/kg FOREAE 21,348,56
ivn-mus LD50:1420 mg/kg RPOBAR 2,316,70
orl-ham LD50:18 gm/kg FOREAE 21,348,56
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

POLYSORBATE 40 see: WG2933000
POLYSORBATE 60 see: WG2934000
POLYSORBATE 65 see: WG2934600
POLYSORBATE 80 see: WG2932500
POLYSORBATE 80 B.P.C. see: WG2932500
POLYSORBATE 80, U.S.P. see: WG2932500

TR7557000 POLYSTICHIUM SQUARROSUM (D. Don.) Fee. var. RUFOBARBATUM Wall., extract
DEF:Indian plant belonging to the family POLYPODIACEAE (IJEBA6 11,43,73)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2H30U26 ipr-mus LD50:250 mg/kg IJEBA6 11,43,73

POLYSTICHOCITRIN see: EU1400000

TR7562000 POLYSTICHUM SETIFERUM (Forsk.) Moore ex. Wayner., extract excluding roots
DEF:Indian plant belonging to the family PTERIDACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2M10Y55 ipr-mus LD50:1 gm/kg IJEBA6 15,208,77

POLYSTOP see: NC4550000
POLYSTROL D see: WL6475000
POLYSTYRENE see: WL6475000
POLYSTYRENE-ACRYLONITRILE see: AT6978000
POLYSTYRENE BEADS (DOT) see: WL6475000
POLYSTYRENE BW see: WL6475000
POLYSTYRENE LATEX see: WL6475000
POLYSTYROL see: WL6475000
POLYTAC see: UD1842000

TR7670000 POLYTAR
DEF:Commercial preparation of coal tar shampoo which has high BENZO(a)PYRENE concentration(PHMGBN 20,1,80)
UPDT:8306
MUTATION DATA AND REFERENCES:
mmo-sat 5 mg/plate PHMGBN 20,1,80
mmo-sat 5 mg/plate PHMGBN 20,1,80

POLYTEF see: KX4025000
POLYTETRAFLUOROETHENE see: KX4025000
POLYTETRAFLUOROETHYLENE see: KX4025000
POLYTETRAFLUOROETHYLENE, pyrolysate see: KX4026000
POLY(N,N,N',N'-TETRAMETHYL-N-TRIMETHYLENEHEXAMETHYLENEDIAMMONIUM DIBROMIDE) see: MO1400000
POLYTEX 973 see: AT4680000
POLYTHENE see: TQ3325000
POLYTHERM see: KV0350000
POLYTOX see: UF1050000
POLYURETHANE ESTER FOAM see: TR7875000
POLYURETHANE ETHER FOAM see: TR7875000

TR7875000 POLYURETHANE FOAM
UPDT:8408 CAS: 9009-54-5
SYN: ANDUR * CURENE * ETHERON * ETHERON SPONGE * ISOURETHANE * NCI-C56451 * PLIOGRIP * POLYFOAM PLASTIC SPONGE * POLYFOAM SPONGE * POLYURETHANE ESTER FOAM * POLYURETHANE ETHER FOAM * POLYURETHANE SPONGE * SPENKEL * SPENLITE * URETHANE POLYMERS
TUMORIGENIC DATA AND REFERENCES:
3V03J06J13 itr-rat TDLo:225 mg/kg EVHPAZ 11,109,75
3V03L60P62 imp-rat TDLo:293 mg/kg JNCIAM 33,1005,64
2V03S01 imp-rat TD :10 gm/kg BJSUAM 52,49,65
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AOHYA3 17(2),143,74
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,303,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

POLYURETHANE SPONGE see: TR7875000

TR8000000 POLYURETHANE Y-195
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:6750 mg/kg CNREA8 35,1591,75
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,303,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8005000 POLYURETHANE Y-217
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:6750 mg/kg CNREA8 35,1591,75
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,303,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8010000 POLYURETHANE Y-218
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:6750 mg/kg CNREA8 35,1591,75
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,303,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8015000 POLYURETHANE Y-221
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:6750 mg/kg CNREA8 35,1591,75
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,303,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8020000 POLYURETHANE Y-222
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:6750 mg/kg CNREA8 35,1591,75
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,303,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8025000 POLYURETHANE Y-223
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:6750 mg/kg CNREA8 35,1591,75
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,303,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8030000 POLYURETHANE Y-224
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:6750 mg/kg CNREA8 35,1591,75
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,303,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8035000 POLYURETHANE Y-225
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:6750 mg/kg CNREA8 35,1591,75
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,303,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8040000 POLYURETHANE Y-226
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:6750 mg/kg CNREA8 35,1591,75
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,303,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8045000 POLYURETHANE Y-227
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:6750 mg/kg CNREA8 35,1591,75
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,303,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8050000 POLYURETHANE Y-238
DEF:Polymer formed from TOLUENE DIISOCYANATE and 1,4-BUTANEDIOL and cured with 4,4'-METHYLENEBIS(o-CHLOROANILINE) (CNREA8 36,3973,76)
UPDT:8401
SYN: CHLORINATED POLYETHER POLYURETHAN * OSTAMER * Y-238
TUMORIGENIC DATA AND REFERENCES:
3V03J60V10 imp-rat TDLo:20 mg/kg CNREA8 36,3973,76
3V03P62V10 imp-rat TD :293 mg/kg JNCIAM 33,1005,64
2V03V10 imp-rat TD :6750 mg/kg CNREA8 35,1591,75
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,303,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8055000 POLYURETHANE Y-290
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:6750 mg/kg CNREA8 35,1591,75
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,303,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8058000 POLYURETHANE Y-299
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:6000 mg/kg CNREA8 35,1591,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8060000 POLYURETHANE Y-302
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:6750 mg/kg CNREA8 35,1591,75
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,303,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8065000 POLYURETHANE Y-304
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:6000 mg/kg CNREA8 35,1591,75
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,303,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

POLYVIDONE see: TR8370000
POLYVINOL see: TR8100000
POLY(VINYLACETATE) see: AK0920000

TR8090000 POLYVINYL ACETATE CHLORIDE
UPDT:8401 CAS: 34149-92-3 MOLFM: (C2-H4-O .C2-H3-Cl)x
SYN: ACETIC ACID, VINYL ESTER, CHLOROETHYLENE COPOLYMER * DISPOSLIPS * POLYVINYLCHLORIDE ACETATE * VINYL CHLORIDE ACETATE COPOLYMER * VINYL CHLORIDE VINYL ACETATE COPOLYMER
TUMORIGENIC DATA AND REFERENCES:
2V01V10 imp-mus TDLo:240 mg/kg JNCIAM 58,1443,77
2V03V10 imp-mus TD :1656 gm/kg CNREA8 37,4367,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8100000 POLYVINYL ALCOHOL
UPDT:8403 CAS: 9002-89-5 MOLFM: (C2-H4-O)n

SYN: ALCOTEX 88/05 * ALCOTEX 88/10 * ALKOTEX * ALVYL * ARACET APV * CIPOVIOL W 72 * COVOL * COVOL 971 * ELVANOL * ELVANOL 50-42 * ELVANOL 52-22 * ELVANOL 70-05 * ELVANOL 71-30 * ELVANOL 90-50 * ELVANOL 522-22 * ELVANOL 73125G * EP 160 * ETHENOL HOMOPOLYMER (9CI) * GALVATOL 1-60 * GELVATOL * GELVATOL 1-30 * GELVATOL 1-90 * GELVATOL 3-91 * GELVATOL 20-30 * GELVATOL 2090 * GH 20 * GL 02 * GL 03 * GLO 5 * GM 14 * GOHSENOL * GOHSENOL AH 22 * GOHSENOL GH * GOHSENOL GH 17 * GOHSENOL GH 20 * GOHSENOL GH 23 * GOHSENOL GL 03 * GOHSENOL GL 05 * GOHSENOL GL 08 * GOHSENOL GM 14 * GOHSENOL GM 94 * GOHSENOL GM 14L * GOHSENOL KH 17 * GOHSENOL NH 05 * GOHSENOL NH 17 * GOHSENOL NH 18 * GOHSENOL NH 20 * GOHSENOL NH 26 * GOHSENOL NK 114 * GOHSENOL NL 05 * GOHSENOL NM 14 * IVALON * KURALON VP * KURARE POVAL 1700 * KURARE PVA 205 * KURATE POVAL 120 * LEMOL * LEMOL 5-88 * LEMOL 5-98 * LEMOL 12-88 * LEMOL 16-98 * LEMOL 24-98 * LEMOL 30-98 * LEMOL 51-98 * LEMOL 60-98 * LEMOL 75-98 * LEMOL GF-60 * M 13/20 * MOWIOL * MOWIOL N 30-88 * MOWIOL N 50-98 * MOWIOL N 70-98 * NH 18 * NM 11 * NM 14 * POLYDESIS * POLYSIZER 173 * POLYVINOL * POLYVIOL * POLYVIOL M 13/140 * POLYVIOL MO 5/140 * POLYVIOL W 25/140 * POLYVIOL W 40/140 * POVAL 117 * POVAL 120 * POVAL 203 * POVAL 205 * POVAL 217 * POVAL 1700 * POVAL C 17 * PVA * PVA 008 * PVS 4 * RESISTOFLEX * RHODOVIOL * RHODOVIOL 4/125 * RHODOVIOL 16/200 * RHODOVIOL 4-125P * RHODOVIOL R 16/20 * SOLVAR * SUMITEX H 10 * VIBATEX S * VINACOL MH * VINALAK * VINAROL * VINAROL DT * VINAROLE * VINAROL ST * VINAVILOL 2-98 * VINNAROL * VINOL * VINOL 125 * VINOL 205 * VINOL 351 * VINOL 523 * VINOL UNISIZE * VINYL ALCOHOL POLYMER * VINYLON FILM 2000

TUMORIGENIC DATA AND REFERENCES:
3V01L60R60 scu-rat TDLo:2500 mg/kg AMPLAO 67,589,59
2V03S01 imp-rat TDLo:10 gm/kg BJSUAM 52,49,65
2V03V10 imp-rat TD :3768 mg/kg EXPEAM 19,424,63
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJMEAZ 38,409,65
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,341,79
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 19,341,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

POLYVINYLBROMIDE see: KU8800000
POLYVINYLBUTYRAL (Czech) see: TR4955000
POLYVINYL BUTYRAL RESINS see: TR4955000
POLY(n-VINYLBUTYROLACTAM) see: TR8370000
POLYVINYLCHLORID (German) see: KV0350000
POLYVINYL CHLORIDE see: KV0350000
POLYVINYLCHLORIDE ACETATE see: TR8090000
POLYVINYL CHLORIDE-POLYVINYL ACETATE see: AK0950000
POLY(VINYLPYRIDINE N-OXIDE) see: UT2990000
POLY(VINYLPYRIDINE 1-OXIDE) see: UT2990000
POLY(VINYLPYRROLIDINONE) see: TR8370000
POLY(N-VINYLPYRROLIDINONE) see: TR8370000
POLY(1-VINYLPYRROLIDINONE) see: TR8370000

TR8160000 POLY(1-VINYL-2-PYRROLIDINONE) Hueper's Polymer No.1
UPDT:8401 CAS: 9003-39-8 MOLFM: (C6-H9-N-O)x
SYN: NCI-C60582 * PVP 1
TUMORIGENIC DATA AND REFERENCES:
3V01N60T63 ipr-rat TDLo:2500 mg/kg AMPLAO 67,589,59
3V01L60N60 scu-rat TDLo:2500 mg/kg AMPLAO 67,589,59
3V01L60T64 ivn-rat TDLo:750 mg/kg/I AMPLAO 67,589,59
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 19,461,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8170000 POLY(1-VINYL-2-PYRROLIDINONE) Hueper's Polymer No.2
UPDT:8401 CAS: 9003-39-8 MOLFM: (C6-H9-N-O)x
SYN: NCI-C60582 * PVP 2
TUMORIGENIC DATA AND REFERENCES:
3V02R60T63 ipr-rat TDLo:2500 mg/kg AMPLAO 67,589,59
3V02L60T64 scu-rat TDLo:2500 mg/kg AMPLAO 67,589,59
3V02R60T64 ivn-rat TDLo:750 mg/kg/I AMPLAO 67,589,59
2V03N60 scu-mus TDLo:8000 mg/kg AMPLAO 67,589,59
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 19,461,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8180000 POLY(1-VINYL-2-PYRROLIDINONE) Hueper's Polymer No.3
UPDT:8401 CAS: 9003-39-8 MOLFM: (C6-H9-N-O)x
SYN: NCI-C60582 * PVP 3
TUMORIGENIC DATA AND REFERENCES:
3V01L60T64 ipr-rat TDLo:2500 mg/kg AMPLAO 67,589,59
3V01L60N60 scu-rat TDLo:2500 mg/kg AMPLAO 67,589,59
3V01N60T64 ivn-rat TDLo:750 mg/kg/I AMPLAO 67,589,59
2V03N60 ipr-mus TDLo:8000 mg/kg AMPLAO 67,589,59
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 19,461,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8250000 POLY(1-VINYL-2-PYRROLIDINONE) Hueper's Polymer No.4
UPDT:8401 CAS: 9003-39-8 MOLFM: (C6-H9-N-O)x
SYN: NCI-C60582 * PVP 4
TUMORIGENIC DATA AND REFERENCES:
3V01N60T64 ipr-rat TDLo:2500 mg/kg AMPLAO 67,589,59
3V01L60N60 scu-rat TDLo:2500 mg/kg AMPLAO 67,589,59
3V01N60T64 ivn-rat TDLo:750 mg/kg/I AMPLAO 67,589,59
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 19,461,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8300000 POLY(1-VINYL-2-PYRROLIDINONE) Hueper's Polymer No.5
UPDT:8401 CAS: 9003-39-8 MOLFM: (C6-H9-N-O)x
SYN: PVP 5
TUMORIGENIC DATA AND REFERENCES:
3V01L60N60 ipr-rat TDLo:2500 mg/kg AMPLAO 67,589,59
3V01L60T64 scu-rat TDLo:2500 mg/kg AMPLAO 67,589,59
3V03G60N60 ipr-mus TDLo:8000 mg/kg AMPLAO 67,589,59
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 19,461,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8350000 POLY(1-VINYL-2-PYRROLIDINONE) Hueper's Polymer No.6
UPDT:8401 CAS: 9003-39-8 MOLFM: (C6-H9-N-O)x
SYN: NCI-C60582 * PVP 6
TUMORIGENIC DATA AND REFERENCES:
3V01N60T64 scu-rat TDLo:1000 mg/kg AMPLAO 67,589,59
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 19,461,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8360000 POLY(1-VINYL-2-PYRROLIDINONE) Hueper's Polymer No.7
UPDT:8401 CAS: 9003-39-8 MOLFM: (C6-H9-N-O)x
SYN: NCI-C60582 * PVP 7
TUMORIGENIC DATA AND REFERENCES:
2V02L60 scu-rat TDLo:3000 mg/kg/I AMPLAO 67,589,59
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 19,461,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TR8370000 POLY(1-VINYL-2-PYRROLIDINONE) HOMOPOLYMER
UPDT:8405 CAS: 9003-39-8 MOLFM: (C6-H9-N-O)n
SYN: AGENT AT 717 * ALBIGEN A * ALDACOL Q * AT * BOLINAN * 1-ETHENYL-2-PYRROLIDINONE POLYMERS * GANEX P 804 * HEMODESIS * HEMODEZ * K15 * K25 * K25 (polymer) * K30 * K30 (polymer) * K60 * K60 (polymer) * K90 * K115 * K115 (polyamide) * KOLLIDON * KOLLIDON 17 * KOLLIDON 25 * KOLLIDON 30 * LUVISKOL * LUVISKOL K30 * LUVISKOL K90 * MPK 90 * NCI C60582 * NEOCOMPENSAN * PERAGAL ST * PEREGAL ST * PERISTON * PERISTON-N * PEVISTON * PLASDONE * PLASDONE K 29-32 * PLASDONE XL * PLASMOSAN * POLYCLAR AT * POLYCLAR H * POLYCLAR L * POLY(1-(2-OXO-1-PYRROLIDINYL)ETHYLENE) * POLYVIDONE * POLY(n-VINYLBUTYROLACTAM) * POLY(VINYLPYRROLIDINONE) * POLY(N-VINYLPYRROLIDINONE) * POLY(1-VINYLPYRROLIDINONE) * POLYVINYLPYRROLIDONE * POVIDONE * POVIDONE (USP XIX) * PROTAGENT * PVP * PVP 40 * PVP-K 30 * PVP-K 60 * PVP-K 90 * PVPP * 2-PYRROLIDINONE, 1-ETHENYL, HOMOPOLYMER * 2-PYRROLIDINONE, 1-VINYL-, POLYMERS * 143 RP * SUBTOSAN * VINISIL * N-VINYLBUTYROLACTAM POLYMER * VINYLPYRROLIDINONE POLYMER * N-VINYLPYRROLIDINONE POLYMER * N-VINYLPYRROLIDONE POLYMER * VINYLPYRROLIDONE POLYMER
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:12 gm/kg FAONAU 53A,487,74
ivn-mky LDLo:5300 mg/kg NCIHL* NIH-69-2067,70
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JOCMA7 15(10),808,73; JSCCA5 5,129,54; 15SWA8 21,427,70; FAONAU 53A,486,74; ARZNAD 21,1468,71; PSTGAW 38,1,62; PSTGAW 38,1,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

POLYVINYLPYRROLIDONE see: TR8370000
POLYVIOL see: TR8100000
POLYVIOL M 13/140 see: TR8100000
POLYVIOL MO 5/140 see: TR8100000
POLYVIOL W 25/140 see: TR8100000
POLYVIOL W 40/140 see: TR8100000
POLYWAX 1000 see: TQ3325000
POLY-ZOLE AZDN see: UG0800000
POMADEX see: SI1400000
POMARSOL see: JO1400000
POMARSOL FORTE see: JO1400000
POMARSOL Z FORTE see: ZH0525000
POMASOL see: JO1400000
POMOLINE see: RQ2975000
PONALAR see: CB4550000
PONALID see: RD0525000
PONALIDE see: RD0525000
PONCEAU BNA see: QJ6825000
PONCEAU DE XYLIDINE see: QJ6825000
PONCEAU FR see: QJ6825000
PONCEAU G see: QJ6825000
PONCEAU GR see: QJ6825000
PONCEAU INSOLUBLE OLG see: QK4250000
PONCEAU INSOLUBLE OLG see: QL5850000
PONCEAU J see: QJ6825000
PONCEAU MX see: QJ6825000
PONCEAU NR see: QJ6825000
PONCEAU PXM see: QJ6825000
PONCEAU R see: QJ6825000
PONCEAU 2R see: QJ6825000
PONCEAU 3R see: QJ6650000
PONCEAU 4R see: QJ6530000
PONCEAU 4R ALUMINUM LAKE see: QJ6530000
PONCEAU R (BIOLOGICAL STAIN) see: QJ6825000
PONCEAU 2R (BIOLOGICAL STAIN) see: QJ6825000
PONCEAU 2RE see: QJ6825000
PONCEAU 4RE see: QJ6530000
PONCEAU RED see: QJ6825000
PONCEAU RED R see: QJ6825000
PONCEAU 4RE.FQ see: QJ6530000
PONCEAU 2R EXTRA A EXPORT see: QJ6825000
PONCEAU 4RF see: QJ6530000
PONCEAU RG see: QJ6825000
PONCEAU 2RL see: QJ6825000
PONCEAU 3R LAKE see: QJ6650000
PONCEAU RN see: QJ6650000
PONCEAU 3RN see: QJ6650000
PONCEAU RR see: QJ6825000
PONCEAU RR TYPE 8019 see: QJ6825000
PONCEAU RS see: QJ6825000
PONCEAU 3R SODIUM SALT see: QJ6650000
PONCEAU 4RT see: QJ6530000
PONCEAU 2RX see: QJ6825000
PONCEAU SX see: QK2705000
PONCEAU SX LAKE see: QK2705000
PONCEAU XYLIDINE see: QJ6825000
PONCEAU XYLIDINE (BIOLOGICAL STAIN) see: QJ6825000
PONCYL see: WG9800000
PONDEX see: RQ2975000
PONDOCIL see: XH8450000
PONDOCILLIN see: XH8450000
PONECIL see: XH8350000
PONOLITH YELLOW Y see: EJ3645000
PONOXYLAN see: YU1610000
PONSTAN see: CB4550000
PONSTEL see: CB4550000
PONSTIL see: CB4550000
PONSTYL see: CB4550000
PONTACHROME BLUE BLACK BB see: QK2195000
PONTACHROME YELLOW 3RN see: VO5310000
PONTACYL BRILLIANT BLUE see: BP6830000
PONTACYL BRILLIANT BLUE V see: BP6830000

PONTACYL CARMINE 2G see: QJ6030000
PONTACYL FAST BLUE R see: QJ6300000
PONTACYL GREEN BL see: BQ4375000
PONTACYL RUBINE R see: QK1925000
PONTACYL SCARLET RR see: QJ6530000
PONTAL see: CB4550000
PONTALIN see: AB6551000
PONTALITE see: TR0400000
PONTAMINE BLACK E see: QJ6160000
PONTAMINE BLACK EBN see: QJ6160000
PONTAMINE BLUE BB see: QJ6400000
PONTAMINE BLUE 3BX see: QJ6475000
PONTAMINE BOND BLUE B see: GS2169000
PONTAMINE DEVELOPER TN see: XS9625000
PONTAMINE FAST BLUE 7GLN see: GS2169000
PONTAMINE FAST BROWN BRL see: GL7375000
PONTAMINE FAST BROWN NP see: GL7375000
PONTAMINE GREEN S see: QJ6195050
PONTAMINE SCARLET 3B see: QJ6476000
PONTAMINE SKY BLUE see: QJ6430000
PONTAMINE SKY BLUE 5BX see: QJ6420000
PONTAMINE SKY BLUE 6x see: QJ6430000
PONTAMINE SKY BLUE 6BX see: QJ6430000
PONTAMINE SKY BLUE 6BX GREENISH see: QJ6430000
PONTAMINE VIOLET N see: QK1420000
PONTOCAINE see: DG4725000
PONTOCAINE HYDROCHLORIDE see: DG4900000
POOA see: MD0880000
POOGIPHALAM, nut extract (Indian) see: DS8150000
POP see: UH1925000
POPROLIN see: UD1842000
POPULNETIN see: LK9275200
PORAMINAR see: BD1200000
PORAMINE MALEATE see: US6504000

TS5030000 PORANA PANICULATA Roxb., extract excluding roots
DEF:Indian plant belonging to the family CONVOLVULACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:250 mg/kg IJEBA6 15,208,77

PORCINE FOLLICULAR FLUID see: LP6349000
PORCINE FOLLICULAR FLUID, retentate see: LP6350000

TS5052000 PORCINE PANCREATIC ELASTASE
UPDT:8405
SYN: ELASTASE, PORCINE PANCREATIC
TOXICITY DATA AND REFERENCES:
1J30 imp-rat LD50:1200 iu/kg TXAPA9 64,465,82

POROCEL see: CR5700000
POROCEL 0 see: CR5700000
PORODUR see: KV0350000
POROFOR 57 see: UG0800000
POROFOR 505 see: LQ1040000
POROFOR ADC/R see: LQ1040000
POROFOR ChKhZ-5 see: FD9781950 CARBANILIC ACID, p-SULFO-, N-METHYL ESTER, S-HYDRAZIDE
POROFOR CHKHC-18 see: XA5250000
POROFOR ChKhZ 21 see: LQ1040000
POROFOR ChKhZ 21R see: LQ1040000
PO-ROGOR see: TF8050000
POROLEN see: TQ3325000
POROPHOR B see: XA5250000
POROPHOR N see: UG0800000
PORTAMYCIN see: WK4250000
PORTLAND CEMENT see: VV8770000
PORTLAND STONE see: EV9580000

TS5615900 PORTULACA OLERACEA L., leaf and stem extract
DEF:Jamaican plant belonging to the family PORTULACACEAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:40 gm/kg JPPMAB 14,556,62

TS5616000 PORTULACA OLERACEA, seed extract
UPDT:8401
SYN: KULFA SEED EXTRACT
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T03 scu-mus TDLo:30 gm/kg (15D male) IJMRAQ 75,301,82
1T02 scu-mus TDLo:40 gm/kg (20D male) IJMRAQ 75,301,82,
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TS5617000 PORTULACA QUADRIFIDA Linn., extract
DEF:Indian plant belonging to the family PORTULACACEAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:600 mg/kg IJEBA6 7,250,69

PORTYN see: UY4330000

TS5640000 PO-SAN A
UPDT:8309 CAS: 76930-44-4
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:7400 mg/kg FMCHA2 -,C193,83

TS5641000 PO-SAN B
DEF:Consists of ETHANOLAMINE SALT of MALEIC HYDRAZIDE 22%, inert ingredients 78%(FMCHA2 -,C193,83)
UPDT:8309
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2200 mg/kg FMCHA2 -,C193,83

POSEDRAN see: UE3150000
POSEDRINE see: UE3150000
POSTACTON see: YW8659000
POSTAFEN see: TL1970000
POSTAFENE see: TL1970000
POSTERIOR PITUITARY EXTRACT see: RS7534000
POTALIUM see: LZ5230000

TS5774000 POTAMOGETON CRISPUS Linn., extract
DEF:Indian plant belonging to the family POTAMOGETONACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78
1N22 ipr-mus LD50:46500 ug/kg IJEBA6 18,594,80

TS5774100 POTAMOGETON HYDROCHARIS, extract
DEF:Indian plant belonging to the family POTAMOGETONACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

TS5774200 POTAMOGETON LUCENS Linn., extract
DEF:Indian plant belonging to the family POTAMOGETONACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1P02 ipr-rat LD50:750 mg/kg IJEBA6 16,228,78

TS5774300 POTAMOGETON PECTINATUS Linn., extract
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

TS5774400 POTAMOGETON PERFOLIATUS Linn., extract
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:188 mg/kg IJEBA6 18,594,80

POTASAN see: GN7525000
POTASAN-G-LIQUID see: GN7525000
POTASH see: TS7750000
POTASH CHLORATE (DOT) see: FO0350000
POTASORAL see: LZ5230000
POTASSA see: TT2100000
POTASSE CAUSTIQUE (French) see: TT2100000
POTASSIO (CHLORATO DI) (Italian) see: FO0350000
POTASSIO (IDROSSIDO DI) (Italian) see: TT2100000
POTASSIO (PERMANGANATO DI) (Italian) see: SD6475000

TS6460000 POTASSIUM
UPDT:8404 CAS: 7440-09-7 MW: 39.10 MOLFM: K
SYN: POTASSIUM, METAL (DOT) * POTASSIUM, metallic (DOT) * UN 2257 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TS6465000 POTASSIUM, (liquid alloy)
UPDT:8404 CAS: 7440-09-7 MW: 39.10 MOLFM: K
SYN: POTASSIUM, METAL LIQUID ALLOY (DOT) * UN 1420 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

POTASSIUM ACID ARSENATE see: CG1100000

TS6650000 POTASSIUM ACID FLUORIDE
UPDT:8312 CAS: 7789-29-9 MW: 78.11 MOLFM: F-K .F-H
SYN: BIFLUORURE DE POTASSIUM (French) * HYDROGEN POTASSIUM FLUORIDE * NA 1811 (DOT) * POTASSIUM BIFLUORIDE * POTASSIUM BIFLUORIDE, solid (DOT) * POTASSIUM, BIFLUORIDE, solution (DOT) * POTASSIUM FLUORIDE * POTASSIUM HYDROGEN DIFLUORIDE * POTASSIUM HYDROGEN FLUORIDE * POTASSIUM, HYDROGEN FLUORIDE, solution (DOT) * POTASSIUM MONOHYDROGEN DIFLUORIDE * UN 1811 (DOT)
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMSSAQ 400,5,63
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE AND POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

POTASSIUM ACID SULFATE see: TS7200000
POTASSIUM ALLYL XANTHATE see: FG0900000
POTASSIUM ALUM see: WS5690000
POTASSIUM ALUM DODECAHYDRATE see: WS5690000
POTASSIUM, AMMINETRICHLOROPLATINATE (1-) see: TP1370000
POTASSIUM AMMONIUM SELENIDE mixed with AMMONIUM POTASSIUM SULFIDE see: BS4030000
POTASSIUM AMMONIUM SULFIDE mixed with AMMONIUM POTASSIUM SELENIDE see: BS4030000
POTASSIUM AMYLXANTHATE see: FG1581900
POTASSIUM AMYLXANTHOGENATE see: FG1581900
POTASSIUM n-AMYLXANTHOGENATE see: FG1581900
POTASSIUM ANTIMONYL TARTRATE see: CC6825000
POTASSIUM ANTIMONYL d-TARTRATE see: CC6825000
POTASSIUM ANTIMONYL meso-TARTRATE see: CC7525000
POTASSIUM ANTIMONYL D-TARTRATE see: CC7000000
POTASSIUM ANTIMONYL D,L-TARTRATE see: CC7175000
POTASSIUM ANTIMONYL L-TARTRATE see: CC7350000
POTASSIUM ANTIMONY TARTRATE see: CC6825000
POTASSIUM ARSENATE see: CG1100000
POTASSIUM ARSENATE, MONOBASIC see: CG1100000
POTASSIUM ARSENATE, SOLID (DOT) see: CG1100000
POTASSIUM ARSENITE see: CG3800000
POTASSIUM ARSENITE, SOLID (DOT) see: CG3800000
POTASSIUM ASPARTATE see: CI9479000
POTASSIUM L-ASPARTATE see: CI9479000
POTASSIUM BENZYLPENICILLIN see: XH9700000
POTASSIUM BENZYLPENICILLINATE see: XH9700000
POTASSIUM BENZYLPENICILLIN G see: XH9700000
POTASSIUM 4-BENZYLPHENOXYMETHYLPENICILLIN see: XH8495000
POTASSIUM BENZYLXANTHATE see: FG1100000
POTASSIUM BICHROMATE see: HX7680000
POTASSIUM BIFLUORIDE see: TS6650000
POTASSIUM BIFLUORIDE, solid (DOT) see: TS6650000
POTASSIUM, BIFLUORIDE, solution (DOT) see: TS6650000
POTASSIUM BIS(2-HYDROXYETHYL)DITHIOCARBAMATE see: EY9450000

TS7200000 POTASSIUM BISULFATE
UPDT:8312 CAS: 7646-93-7 MW: 136.17 MOLFM: H-O4-S .K
SYN: ACID POTASSIUM SULFATE * MONOPOTASSIUM SULFATE * POTASSIUM ACID SULFATE * POTASSIUM BISULPHATE * POTASSIUM HYDROGEN SULFATE, SOLID * POTASSIUM HYDROGEN SULFATE, solid (DOT) * POTASSIUM SULFATE * SAL ENIXUM * SULFURIC ACID, MONOPOTASSIUM SALT * UN 2509 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2340 mg/kg MarJV# 29MAR77
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-B; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

POTASSIUM BISULPHATE see: TS7200000
POTASSIUM BOROFLUORIDE see: ED2800000

TS7525000 POTASSIUM BOROHYDRATE
UPDT:8405 CAS: 13762-51-1 MW: 52.94 MOLFM: B-H3 .K

SYN: BORATE(1-), TETRAHYDRO-, POTASSIUM (8CI,9CI) * BOROHYDRURE DE POTASSIUM (French) * POTASSIUM BOROHYDRIDE (DOT) * UN 1870 (DOT)

TOXICITY DATA AND REFERENCES:

*	orl-rat LDLo:160 mg/kg	14KTAK -,693,64

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE SOLID; LABEL:DANGEROUS WHEN WET	CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

POTASSIUM BOROHYDRIDE (DOT) see: TS7525000
POTASSIUM BROMATE see: EF8725000
POTASSIUM BROMATE (DOT) see: EF8725000
POTASSIUM BUTYLXANTHATE see: FG1223000
POTASSIUM sec-BUTYLXANTHATE see: FG1223050
POTASSIUM O-BUTYL XANTHATE see: FG1223000
POTASSIUM BUTYLXANTHOGENATE see: FG1223000
POTASSIUM sec-BUTYLXANTHOGENATE see: FG1223050

TS7750000 POTASSIUM CARBONATE (2:1)

UPDT:8407 CAS: 584-08-7 MW: 138.21 MOLFM: C-O3 .2K

SYN: CARBONIC ACID, DIPOTASSIUM SALT * KALIUMCARBONAT (German) * K-GRAN * PEARL ASH * POTASH

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1870 mg/kg	AIHAAP 30,470,69

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

TS7760000 POTASSIUM CARBONYL

UPDT:8308 CAS: 12397-35-2 MW: 67.11 MOLFM: C-K-O

SYN: POTASSIUM CARBONYL (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FORBIDDEN	CFRGBR 49,172.101,82

POTASSIUM CARBONYL (DOT) see: TS7760000
POTASSIUM CARBOXYATRACTYLOSIDE see: NZ8173500
POTASSIUM CARRAGEENAN see: FI0709000
POTASSIUM CHLORATE see: FO0350000
POTASSIUM (CHLORATE DE) (French) see: FO0350000
POTASSIUM CHLORATE (DOT) see: FO0350000
POTASSIUM CHLORATE, aqueous solution (DOT) see: FO0350000

TS8050000 POTASSIUM CHLORIDE

UPDT:8412 CAS: 7447-40-7 MW: 74.55 MOLFM: Cl-K

SYN: CHLOROPOTASSURIL * DIPOTASSIUM DICHLORIDE * EMPLETS POTASSIUM CHLORIDE * ENSEAL * KALITABS * KAOCHLOR * KAON-Cl * KAON-Cl 10 * KAON-Cl TABS * KAY CIEL * K-LOR * KLOTRIX * K-LYTE/Cl * K-PREDNE-DOME * PFIKLOR * POTASSIUM MONOCHLORIDE * POTAVESCENT * REKAWAN * SLOW-K * TRIPOTASSIUM TRICHLORIDE

IRRITATION DATA AND REFERENCES:

	eye-rbt 500 mg/24H SEV	28ZPAK -,8,72

MUTATION DATA AND REFERENCES:

	mmo-sat 100 ug/plate	NTPTB* APR 82
	mma-sat 100 ug/plate	NTPTB* APR 82
	mmo-smc 2500 mmol/L	GENRA8 37,173,81
	cyt-ham-lng 12 gm/L	FCTOD7 22,501,84

TOXICITY DATA AND REFERENCES:

	orl-inf LDLo:938 mg/kg/2D	JAMAAP 240,1339,78
2K13P02	orl-wmn TDLo:60 mg/kg/D	LANCAO 2,919,80
3G04K13P02	orl-man LDLo:20 mg/kg	LANCAO 2,919,80
3K05M03U03	orl-rat LD50:3020 mg/kg	AIPTAK 133,275,61
*	ipr-rat LD50:660 mg/kg	FCTXAV 3,597,65
	ivn-rat LD50:39 mg/kg	ARZNAD 14,1128,64
	orl-mus LD50:383 mg/kg	ARZNAD 14,1128,64
	ipr-mus LD50:552 mg/kg	COREAF 256,1043,63
	ivn-mus LD50:117 mg/kg	EJTXAZ 8,188,75
	ipr-dog LDLo:85 mg/kg	AVERAG 44,555,37
	orl-gpg LD50:2500 mg/kg	JPETAB 35,1,29
	ipr-gpg LDLo:900 mg/kg	JPETAB 35,1,29
	scu-gpg LDLo:2550 mg/kg	HBAMAK 4,1289,35
	scu-pgn LDLo:2210 mg/kg	HBAMAK 4,1289,35
	scu-frg LDLo:2120 mg/kg	HBAMAK 4,1289,35

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: INTEAG 15(1),7,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

POTASSIUM 7-CHLORO-2,3-DIHYDRO-2-OXO-5-PHENYL-1H-1,4-BENZODIAZEPINE-3-CARBOXYLATE KOH see: DE8750000
POTASSIUM CHLOROPLATINATE see: TP1650000
POTASSIUM CHLOROPLATINITE see: TP1850000
POTASSIUM CHROMATE see: GB2940000
POTASSIUM CHROMATE (DOT) see: GB2940000
POTASSIUM CHROMATE (VI) see: GB2940000
POTASSIUM CHROMIC SULFATE see: GB6845000
POTASSIUM CHROMIC SULPHATE see: GB6845000
POTASSIUM CHROMIUM ALUM see: GB6845000
POTASSIUM CHROMIUM ALUM see: GB6850000
POTASSIUM CLAVULANATE see: RN6802700
POTASSIUM-COBALT-BIS-DICAPBALLID see: GF9272000
POTASSIUM COBALTICYANINE see: GF9470000
POTASSIUM COPPER(I) CYANIDE see: GS2168900
POTASSIUM CUPROCYANIDE (DOT) see: GS2168900
POTASSIUM CYANATE see: GS6825000

TS8750000 POTASSIUM CYANIDE

UPDT:8412 CAS: 151-50-8 MW: 65.12 MOLFM: C-N .K

SYN: CYANIDE of POTASSIUM * CYANURE DE POTASSIUM (French) * HYDROCYANIC ACID, POTASSIUM SALT * POTASSIUM CYANIDE, solid (DOT) * POTASSIUM CYANIDE SOLUTION (DOT) * RCRA WASTE NUMBER P098 * UN 1680 (DOT)

MUTATION DATA AND REFERENCES:

	cyt-mus:mmr 1 mmol/L/48H	MUREAV 67,221,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	orl-rat TDLo:65 gm/kg (14D pre/1-22D preg)	BNEOBV 36,233,79
1T34	ipr-rat TDLo:45 mg/kg (1-15D preg)	TJADAB 25(2),84A,82
2T76T77	orl-dom TDLo:1767 mg/kg (8-20W preg/44D post)	RJARAV 16,109,78

TOXICITY DATA AND REFERENCES:

	orl-hmn LDLo:2857 ug/kg	34ZIAG -,191,69
	unk-man LDLo:2941 ug/kg	85DCAI 2,73,70
	orl-rat LD50:10 mg/kg	TXAPA9 11,327,67
	ipr-rat LD50:4 mg/kg	JAPYAA 32,315,72
	scu-rat LD50:9 mg/kg	AEPPAE 243,254,62
	ivn-rat LDLo:2500 ug/kg	AEPPAE 166,437,32
	ims-rat LDLo:8 mg/kg	27ZIAQ -,209,73
	orl-mus LD50:8500 ug/kg	JPETAB 161,163,68
3C08F12J26	ipr-mus LD50:6300 ug/kg	JJPAAZ 3,99,54
	scu-mus LD50:6 mg/kg	PSEBAA 76,536,51
3C08F12J26	ivn-mus LD50:2600 ug/kg	JJPAAZ 3,99,54
	ivn-dog LDLo:5 mg/kg	27ZIAQ -,209,73
	orl-rbt LD50:5 mg/kg	27ZIAQ -,209,73
1J30	scu-rbt LD50:4 mg/kg	JJPAAZ 3,99,54
*	ims-rbt LD50:3256 ug/kg	JACTDZ 1(3),120,82
3D35F19J26	ocu-rbt LD50:7870 ug/kg	JTOTDO 2,119,83
	ipr-gpg LDLo:8 mg/kg	CRSBAW 96,202,27
	scu-gpg LDLo:8 mg/kg	CRSBAW 96,202,27
*	ims-pgn LD50:4 mg/kg	JJPAAZ 3,99,54
	scu-frg LDLo:60 mg/kg	AIPTAK 3,77,1897

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: FNSCA6 2,67,73

★ TLV-TWA 5 mg/m3 (skin)	DTLVS* 4,109,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 5 mg(CN)/m3 (skin) (SCP-R)	FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON, solid	CFRGBR 49,172.101,82
★ DOT-HAZARD:POISON B; LABEL:POISON, solution	CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CYANIDE SALTS recm std-air:CL 5 mg(CN)/m3/10M	NTIS**

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

POTASSIUM CYANIDE, solid (DOT) see: TS8750000
POTASSIUM CYANIDE SOLUTION (DOT) see: TS8750000
POTASSIUM CYCLOHEXYL XANTHATE see: FG1500000
POTASSIUM DECYLXANTHATE see: FG1510000
POTASSIUM DICARBAUNDECABORATE see: HS9834650
POTASSIUM DICHLOROCYANURATE see: XZ1900010
POTASSIUM DICHLOROISOCYANURATE see: XZ1850000
POTASSIUM DICHLOROISOCYANURATE see: XZ1900010
POTASSIUM DICHLORO-s-TRIAZINETRIONE see: XZ1850000
POTASSIUM DICHLORO-s-TRIAZINETRIONE, dry, containing more than 39% available CHLORINE (DOT) see: XZ1900010
POTASSIUM DICHROMATE see: HX7680000
POTASSIUM DICHROMATE (DOT) see: HX7680000
POTASSIUM DICHROMATE (VI) see: HX7680000
POTASSIUM DICYANOCUPRATE(1-) see: GS2168900
POTASSIUM DIFLUOROPHOSPHATE see: TD4500000
POTASSIUM DIHYDROGEN ARSENATE see: CG1100000
POTASSIUM 3,4-DIIODOBENZENESULFONATE see: DB6145300
POTASSIUM DINITROTETRACHLOROPLATINATE see: TP1387000
POTASSIUM DISULPHATOCHROMATE (III) see: GB6845000
POTASSIUM, metallic (DOT) see: TS6460000
POTASSIUM ETHYL DITHIOCARBONATE see: FG1575000
POTASSIUM O-ETHYL DITHIOCARBONATE see: FG1575000
POTASSIUM ETHYLMERCURIC THIOGLYCOLLATE see: OU9655000
POTASSIUM ETHYLXANTHATE see: FG1575000
POTASSIUM ETHYL XANTHOGENATE see: FG1575000
POTASSIUM FERRICYANATE see: LJ8225000
POTASSIUM FERRICYANIDE see: LJ8225000
POTASSIUM FERROCYANIDE see: LJ8225000
POTASSIUM FLUOBORATE see: ED2800000
POTASSIUM N-FLUOREN-2-YLACETOHYDROXAMATE see: AL0175000

TT0700000 POTASSIUM FLUORIDE

UPDT:8408 CAS: 7789-23-3 MW: 58.10 MOLFM: F-K

SYN: FLUORURE DE POTASSIUM (French) * POTASSIUM FLUORIDE (DOT) * POTASSIUM FLUORIDE SOLUTION (DOT) * POTASSIUM FLUORURE (French) * UN 1812 (DOT)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T59	ipr-mus TDLo:1050 mg/kg (1-21D preg)	DZZEA7 34,484,79

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:245 mg/kg	XEURAQ UR-154,1951
	ipr-rat LD50:64 mg/kg	XEURAQ UR-154,1951
*	ipr-mus LD50:40030 ug/kg	DZZEA7 34,484,79
*	orl-gpg LDLo:250 mg/kg	MEIEDD 10,1101,83
	scu-frg LDLo:420 mg/kg	CRSBAW 124,133,37

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AMSSAQ 400,5,63

★ TLV-TWA 2.5 mg(F)/m3	DTLVS* 4,195,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2500 ug(F)/m3 (SCP-W)	FEREAC 39,23540,74
★ DOT-HAZARD:ORM-B; LABEL:NONE	CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solution	CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3	NTIS**

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

POTASSIUM FLUORIDE see: TS6650000
POTASSIUM FLUORIDE (DOT) see: TT0700000
POTASSIUM FLUORIDE SOLUTION (DOT) see: TT0700000
POTASSIUM FLUOROACETATE see: AH8800000
POTASSIUM FLUOROACETATE (DOT) see: AH8800000
POTASSIUM FLUOROZIRCONATE see: ZH7028400
POTASSIUM FLUORURE (French) see: TT0700000
POTASSIUM FLUOSILICATE see: VV8400000
POTASSIUM FLUOTANTALATE see: TT1225000

TT0850000 POTASSIUM FLUOTITANATE HYDRATE

UPDT:7901 CAS: 23969-67-7 MW: 258.12 MOLFM: F6-K2-Ti .H2-O

REVIEW AND REFERENCES:

★ TLV-TWA 2.5 mg(F)/m3	DTLVS* 4,195,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3	FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3	NTIS**

POTASSIUM FLUOZIRCONATE see: ZH7028400
POTASSIUM GLUCONATE see: LZ5230000
POTASSIUM D-GLUCONATE see: LZ5230000
POTASSIUM GLUTAMATE see: MA1430000
POTASSIUM GLUTAMINATE see: MA1430000

TT1225000 POTASSIUM HEPTAFLUOROTANTALATE

UPDT:7908 CAS: 16924-00-8 MW: 392.15 MOLFM: F7-Ta .2K

SYN: POTASSIUM FLUOTANTALATE * TANTALUM POTASSIUM FLUORIDE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2500 mg/kg	AIHOAX 1,637,50
*	ipr-rat LD50:375 mg/kg	AIHOAX 1,637,50
	orl-mus LD50:110 mg/kg	20PKA3 -,115,67

REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
POTASSIUM HEXACHLOROPLATINATE(IV) see: TP1650000

TT1255000 POTASSIUM HEXAFLUOROARSENATE

UPDT:7908 CAS: 17029-22-0 MW: 228.02 MOLFM: As-F6-K
SYN: HEXAFLURATE * NOPALMATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1200 mg/kg 28ZEAL 5,129,76
* ivn-mus LD50:56 mg/kg CSLNX* NX#00126
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 FEREAC 43,19584,78
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
POTASSIUM HEXAFLUOROSILICATE see: VV8400000
POTASSIUM HEXAFLUOROSILICATE, K2-Si-F6 see: VV8400000

TT1575000 POTASSIUM HEXAFLUOROTITANATE

UPDT:7908 CAS: 16919-27-0 MW: 240.10 MOLFM: F6-Ti .2K
SYN: FLUOTITANATE DE POTASSIUM (French) * TITANIUM POTASSIUM FLUORIDE
TOXICITY DATA AND REFERENCES:
scu-frg LDLo:360 mg/kg CRSBAW 124,133,37
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMSSAQ 400,5,63
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
POTASSIUM HEXAFLUOROZIRCONATE see: ZH7028400
POTASSIUM HEXAFLUOROZIRCONATE(IV) see: ZH7028400

TT1600000 POTASSIUM HEXAFLUOROSTANNATE

UPDT:8407 CAS: 16893-93-9 MW: 310.89 MOLFM: F6-Sn .2K
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#00133
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
POTASSIUM HEXYLXANTHATE see: FG1580500
POTASSIUM O-HEXYLXANTHATE see: FG1580500
POTASSIUM HYDRATE see: TT2100000
POTASSIUM HYDRATE (DOT) see: TT2100000
POTASSIUM HYDROGEN ARSENATE see: CG1100000
POTASSIUM HYDROGEN DIFLUORIDE see: TS6650000
POTASSIUM HYDROGEN FLUORIDE see: TS6650000
POTASSIUM, HYDROGEN FLUORIDE, solution (DOT) see: TS6650000
POTASSIUM HYDROGEN OXALATE see: RO3600000
POTASSIUM HYDROGEN SULFATE, solid (DOT) see: TS7200000
POTASSIUM HYDROGEN SULFATE, SOLID see: TS7200000
POTASSIUM HYDROSULFITE see: JP2080000
POTASSIUM HYDROSULPHITE (DOT) see: JP2080000

TT2100000 POTASSIUM HYDROXIDE

UPDT:8408 CAS: 1310-58-3 MW: 56.11 MOLFM: H-K-O
SYN: CAUSTIC POTASH * CAUSTIC POTASH, dry, solid, flake, bead, or granular (DOT) * CAUSTIC POTASH, liquid or solution (DOT) * HYDROXYDE DE POTASSIUM (French) * KALIUMHYDROXID (German) * KALIUMHYDROXYDE (Dutch) * LYE * POTASSA * POTASSE CAUSTIQUE (French) * POTASSIO (IDROSSIDO DI) (Italian) * POTASSIUM HYDRATE * POTASSIUM HYDRATE (DOT) * POTASSIUM HYDROXIDE, dry, solid, flake, bead, or granular (DOT) * POTASSIUM HYDROXIDE, LIQUID or SOLUTION (DOT) * POTASSIUM (HYDROXYDE DE) (French) * UN 1813 (DOT) * UN 1814 (DOT)
IRRITATION DATA AND REFERENCES:
skn-hmn 50 mg/24H SEV TXAPA9 31,481,75
skn-rbt 50 mg/24H SEV TXAPA9 31,481,75
eye-rbt 1 mg/24H rns MOD TXAPA9 32,239,75
skn-gpg 50 mg/24H SEV TXAPA9 31,481,75
MUTATION DATA AND REFERENCES:
cyt-rat/ast 1800 mg/kg GANNA2 54,155,63
TOXICITY DATA AND REFERENCES:
orl-rat LD50:365 mg/kg TXAPA9 32,239,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARTODN 39,299,78
★ TLV-CL 2 mg/m3 DTLVS* 4,345,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solution CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
POTASSIUM HYDROXIDE, dry, solid, flake, bead, or granular (DOT) see: TT2100000
POTASSIUM HYDROXIDE, LIQUID or SOLUTION (DOT) see: TT2100000
POTASSIUM (HYDROXYDE DE) (French) see: TT2100000
POTASSIUM HYDROXYFLUORONIOBATE see: TT3850000
POTASSIUM N-HYDROXYMETHYL-N-METHYLDITHIOCARBAMATE see: FB2350000
POTASSIUM alpha-HYDROXYPROPIONATE see: OD5675000
POTASSIUM HYPERCHLORIDE see: SC9700000

TT2825000 POTASSIUM HYPOCHLORITE (solution)

UPDT:8312 CAS: 7778-66-7 MW: 91.56 MOLFM: Cl-H-O .K
SYN: NA 1791 (DOT) * POTASSIUM HYPOCHLORITE, solution (DOT) * UN 1791 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
POTASSIUM HYPOCHLORITE, solution (DOT) see: TT2825000

TT2975000 POTASSIUM IODIDE

UPDT:8408 CAS: 7681-11-0 MW: 166.00 MOLFM: I-K
SYN: K1-N * KNOLLIDE * POTIDE
MUTATION DATA AND REFERENCES:
cyt-rat/ast 500 mg/kg GANNA2 54,155,63
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T52 orl-wmn TDLo:2700 mg/kg (1-39W preg) JOPDAB 67,353,65
3T52T77T86 orl-wmn TDLo:3240 mg/kg (1-39W preg) ADCHAK 43,702,68
2T24T34 orl-rat TDLo:10530 mg/kg (1-9D preg) JRPFA4 27,265,71
1T81 orl-ham TDLo:3600 mg/kg (5-16D preg) JONUAI 87,394,65
1T16 orl-mam TDLo:294 mg/kg (30D pre) JTEHD6 10,459,82
1T81 orl-mam TDLo:1177 mg/kg (30D pre) JTEHD6 10,459,82
TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:120 mg/kg AEXPBL 96,292,23
orl-mus LDLo:1862 mg/kg JPETAB 120,171,57
ipr-mus LDLo:1117 mg/kg JPETAB 120,171,57
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PCNAA8 8,413,61
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
POTASSIUM ISOAMYL XANTHATE see: FG1582000
POTASSIUM ISOAMYL XANTHOGENATE see: FG1582000
POTASSIUM ISOBUTYL XANTHATE see: FG1581000
POTASSIUM O-ISOBUTYL XANTHATE see: FG1581000
POTASSIUM ISOBUTYL XANTHOGENATE see: FG1581000
POTASSIUM ISOCYANATE see: GS6825000
POTASSIUM ISOPENTYL XANTHATE see: FG1582000
POTASSIUM ISOPROPYLXANTHATE see: FG1581300
POTASSIUM ISOPROPYL XANTHOGENATE see: FG1581300
POTASSIUM ISOTHIOCYANATE see: XL1925000
POTASSIUM LACTATE see: OD5675000
POTASSIUM MALEIC HYDRAZIDE see: UR6005000
POTASSIUM MANGANOCYANIDE see: OO9163500
POTASSIUM MERCURIC IODIDE see: OU9670000
POTASSIUM METAARSENITE see: CG3800000
POTASSIUM METABISULFITE (DOT) see: TT4920000
POTASSIUM, METAL (DOT) see: TS6460000
POTASSIUM, METAL LIQUID ALLOY (DOT) see: TS6465000
POTASSIUM METAVANADATE see: YW1080000
POTASSIUM METAVANADATE (DOT) see: YW1080000
POTASSIUM METHYLXANTHATE see: FG1581700
POTASSIUM METHYL XANTHOGENATE see: FG1581700
POTASSIUM MOLYBDOCYANIDE see: QA4671000
POTASSIUM MONOCHLORIDE see: TS8050000
POTASSIUM MONOHYDROGEN DIFLUORIDE see: TS6650000
POTASSIUM MONOPERSULFATE see: SE1000000
POTASSIUM MONOSULFIDE see: TT6000000
POTASSIUM NEUTRAL OXALATE see: RO2885000
POTASSIUM NICKEL CYANIDE see: QR8650000

TT3600000 POTASSIUM NIOBATE, HEXADECAHYDRATE

UPDT:8304 MW: 1462.50 MOLFM: K8-O4 .Nb6-O15 .16H2-O
TOXICITY DATA AND REFERENCES:
3F16M03M10 ipr-rat LD50:86 mg/kg TXAPA9 9,561,66

TT3700000 POTASSIUM NITRATE

UPDT:8408 CAS: 7757-79-1 MW: 101.11 MOLFM: K-N-O3
SYN: KALIUMNITRAT (German) * NITER * NITRE * NITRIC ACID, POTASSIUM SALT * POTASSIUM NITRATE (DOT) * SALTPETER * UN 1486 (DOT) * VICKNITE
MUTATION DATA AND REFERENCES:
mrc-esc 5 pph JGMIAN 8,45,53
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-rat TDLo:22 gm/kg (1-22D preg) JANSAG 15,1291,56
1T27 orl-rbt TDLo:6505 mg/kg (23-27D preg) SOVEA7 27,246,74
1T71 orl-gpg TDLo:15 gm/kg (24W pre) TXAPA9 12,179,68
2T22T39 orl-gpg TDLo:1670 gm/kg (29W pre) TXAPA9 12,179,68
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3750 mg/kg NYKZAU 81,469,83
ivn-cat LDLo:100 mg/kg HBAMAK 4,1289,35
* orl-rbt LD50:1901 mg/kg SOVEA7 27,246,74
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TT3710000 POTASSIUM NITRATE mixed with CHARCOAL and SULFUR (15:3:2)

UPDT:8308
SYN: BLACK POWDER (DOT) * BLASTING POWDER * BLASTING POWDER (DOT) * GUNPOWDER * RIFLE POWDER * RIFLE POWDER (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82
POTASSIUM NITRATE (DOT) see: TT3700000
POTASSIUM NITRATE MIXED (fused) WITH SODIUM NITRITE (DOT) see: TT3720000

TT3720000 POTASSIUM NITRATE mixed with SODIUM NITRITE

UPDT:8308
SYN: POTASSIUM NITRATE MIXED (fused) WITH SODIUM NITRITE (DOT) * SODIUM NITRITE mixed (fused) with POTASSIUM NITRATE (DOT) * SODIUM NITRITE mixed with POTASSIUM NITRATE * UN 1487 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82

TT3750000 POTASSIUM NITRITE (1:1)

UPDT:8408 CAS: 7758-09-0 MW: 85.11 MOLFM: N-O2 .K
SYN: NITROUS ACID, POTASSIUM SALT * POTASSIUM NITRITE (DOT) * UN 1488 (DOT)
MUTATION DATA AND REFERENCES:
mmo-omi 500 mmol/L JMOBAK 9,352,64
mmo-omi 500 mmol/L JMOBAK 9,352,64
mmo-omi 500 mmol/L JOVIAM 7,673,71
mmo-omi 20 mmol/L JMOBAK 5,442,62
dni-omi 20 mmol/L JMOBAK 5,442,62
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:30 gm/kg (60D male/60D pre) DABSAQ 28,3815,68
1T71 orl-gpg TDLo:137 gm/kg (18W pre) TXAPA9 12,179,68
2T27T39 orl-gpg TDLo:201 gm/kg (19W pre) TXAPA9 12,179,68
TOXICITY DATA AND REFERENCES:
* orl-rbt LD50:200 mg/kg SOVEA7 27,246,74
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
POTASSIUM NITRITE (DOT) see: TT3750000

POTASSIUM NITROTRICHLOROPLATINATE see: TP1800000
POTASSIUM OCTATITANATE see: TT6720000
POTASSIUM OCTYLXANTHATE see: FG1581800
POTASSIUM OXALATE see: RO2885000

TT3780000 POTASSIUM, OXALATOPLATINATE, DIHYDRATE

UPDT:7901 CAS: 14244-64-5 MW: 485.37 MOLFM: C4-K2-O8-Pt .2H2-O
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:40 mg/kg BICHBX 2,187,73
REVIEW AND REFERENCES:
★ TLV-TWA 2 ug(Pt)/m3 DTLVS* 4,343,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug(Pt)/m3 FEREAC 39,23540,74

TT3790000 POTASSIUM OXIDE

UPDT:8312
SYN: POTASSIUM OXIDE (DOT) * UN 2033 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
POTASSIUM OXIDE (DOT) see: TT3790000

TT3850000 POTASSIUM OXOTETRAFLUORONIOBATE(V)

UPDT:7901 CAS: 17523-77-2 MW: 282.11 MOLFM: F5-Nb-O .2K
SYN: COLUMBIUM POTASSIUM FLUORIDE * NIOBIUM POTASSIUM FLUORIDE * POTASSIUM HYDROXYFLUORONIOBATE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:130 mg/kg HYSAAV 32,343,67
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
POTASSIUM OXYMURIATE see: FO0350000

TT4100000 POTASSIUM PALLADIUM CHLORIDE

UPDT:8311 CAS: 10025-98-6 MW: 326.40 MOLFM: Cl4-K2-Pd
SYN: DIPOTASSIUM TETRACHLOPALLADATE * PALLADATE(2-), TETRACHLORO-, DIPOTASSIUM (8CI) * POTASSIUM PALLADOUS CHLORIDE * POTASSIUM TETRACHLOROPALLADATE
IRRITATION DATA AND REFERENCES:
skn-rbt 100 mg/24H MLD AEHLAU 30,168,75
MUTATION DATA AND REFERENCES:
dnr-esc 100 ug/L PCJOAU 16,721,82
oms-omi 1 umol/L SOGEBZ 11,911,75
dnd-omi 1 umol/L SOGEBZ 11,911,75
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:6400 ug/kg EVHPAZ 10,63,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
POTASSIUM PALLADOUS CHLORIDE see: TT4100000
POTASSIUM PENICILLIN G see: XH9700000
POTASSIUM PENICILLIN V see: XH9275000
POTASSIUM PENICILLIN V SALT see: XH9275000
POTASSIUM PENTYLXANTHATE see: FG1581900
POTASSIUM PENTYL XANTHOGENATE see: FG1581900
POTASSIUM PERCHLORATE see: SC9700000
POTASSIUM PERCHLORATE (DOT) see: SC9700000
POTASSIUM PERMANGANATE see: SD6475000
POTASSIUM (PERMANGANATE DE) (French) see: SD6475000
POTASSIUM PERMANGANATE (DOT) see: SD6475000

TT4450000 POTASSIUM PEROXIDE

UPDT:8308 CAS: 17014-71-0 MW: 110.20 MOLFM: K2-O2
SYN: POTASSIUM PEROXIDE (DOT) * UN 1491 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
POTASSIUM PEROXIDE (DOT) see: TT4450000
POTASSIUM PEROXYDISULFATE see: SE0400000
POTASSIUM PEROXYDISULPHATE see: SE0400000
POTASSIUM PEROXYSULFATE see: SE1000000
POTASSIUM PERSULFATE see: SE0400000
POTASSIUM PERSULPHATE (DOT) see: SE0400000
POTASSIUM PHENOXYMETHYLPENICILLIN see: XH9275000
POTASSIUM (6-alpha-PHENOXY-alpha-PHENYLACETAMIDO)PENICILLANATE see: XH9320000

TT4890000 POTASSIUM PHOSPHIDE

UPDT:8312 CAS: 20770-41-6 MW: 148.27 MOLFM: K3-P
SYN: PHOSPHURE DE POTASSIUM (French) * POTASSIUM PHOSPHIDE (DOT) * UN 2012 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:580 ppm/1H ZGSHAM 25,279,33
ihl-cat LCLo:173 ppm/2H ZGSHAM 25,279,33
ihl-gpg LCLo:288 ppm/2H ZGSHAM 25,279,33
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:DANGEROUS WHEN WET, POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
POTASSIUM PHOSPHIDE (DOT) see: TT4890000
POTASSIUM PLATINIC CHLORIDE see: TP1650000
POTASSIUM PLATINOCHLORIDE see: TP1850000
POTASSIUM PLATINUM(II) TETRACHLORIDE see: TP1850000
POTASSIUM PROPANE-1-DIAZOTATE see: QY9226000
POTASSIUM PROPYLXANTHATE see: FG1581950
POTASSIUM O-PROPYL XANTHATE see: FG1581950
POTASSIUM PROPYL XANTHOGENATE see: FG1581950

TT4920000 POTASSIUM PYROSULFITE

UPDT:8308 CAS: 16731-55-8 MW: 183.22 MOLFM: O5-S2 .K
SYN: NA 2693 (DOT) * POTASSIUM METABISULFITE (DOT) * PYROSULFUROUS ACID, DIPOTASSIUM SALT
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 orl-rat TDLo:35 gm/kg (49D pre/1-21D preg) CRSBAW 172,470,78
TUMORIGENIC DATA AND REFERENCES:
3V03J60P61 orl-mus TDLo:1440 gm/kg/2Y-C EESADV 3,451,79
3V03J60P61 orl-mus TD :2880 gm/kg/2Y-C EESADV 3,451,79
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-B; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
POTASSIUM RHODANATE see: XL1925000
POTASSIUM RHODANIDE see: XL1925000
POTASSIUM SALT of BENZYLPENICILLIN see: XH9700000
POTASSIUM SALT OF SORREL see: RO3600000
POTASSIUM SALT of delta(sup 8)-THC SULFATE see: HP8530000
POTASSIUM SEL de l'ACIDE o-(DIMETHYL-3,3 TRIAZENO-1) BENZOIQUE (French) see: DG9131000
POTASSIUM SEL de l'ACIDE p-(DIMETHYL-3,3 TRIAZENO-1) BENZOIQUE (French) see: DG9133000
POTASSIUM SELENATE see: VS6600000
POTASSIUM SELENOCYANATE see: VT1400000
POTASSIUM SELENOCYANOACETATE see: AJ4025000
POTASSIUM SILICOFLUORIDE see: VV8400000
POTASSIUM SILICOFLUORIDE (DOT) see: VV8400000

TT5775000 POTASSIUM SILVER CYANIDE

UPDT:8406 CAS: 506-61-6 MW: 199.01 MOLFM: C2-Ag-N2 .K
SYN: KYANOSTRIBRNAN DRASELNY (Czech) * RCRA WASTE NUMBER P099 * SILVER POTASSIUM CYANIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 50 mg/24H SEV 28ZPAK -,14,72
eye-rbt 250 ug/24H SEV 28ZPAK -,14,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:21 mg/kg 28ZPAK -,14,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TT5790000 POTASSIUM SODIUM ALLOY

UPDT:8404 CAS: 11135-81-2
SYN: SODIUM POTASSIUM ALLOY (DOT) * SODIUM POTASSIUM ALLOY, solid (DOT) * UN 1422 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
POTASSIUM SORBATE see: WG2160000

TT5850000 POTASSIUM STANNATE TRIHYDRATE

UPDT:7901 CAS: 12125-03-0 MW: 266.95 MOLFM: K2-O-Sn .3H2-O
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:178 mg/kg CSLNX* NX#02352
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
POTASSIUM SULFATE see: TS7200000

TT6000000 POTASSIUM SULFIDE (2:1)

UPDT:8312 CAS: 1312-73-8 MW: 110.26 MOLFM: K2-S
SYN: POTASSIUM MONOSULFIDE * POTASSIUM SULFIDE (DOT) * POTASSIUM SULPHIDE, ANHYDROUS or containing less than 30% water (DOT) * UN 1382 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TT6008000 POTASSIUM SULFIDE (2:1), hydrated, containing at least 30% water

UPDT:8312 CAS: 1312-73-8
SYN: POTASSIUM SULPHIDE, hydrated, containing not less than 30% water (DOT) * UN 1847 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
POTASSIUM SULFIDE (DOT) see: TT6000000
POTASSIUM SULFITE see: WT3530000
POTASSIUM SULFOCYANATE see: XL1925000
POTASSIUM SULPHIDE, ANHYDROUS or containing less than 30% water (DOT) see: TT6000000
POTASSIUM SULPHIDE, hydrated, containing not less than 30% water (DOT) see: TT6008000

TT6053000 POTASSIUM SUPEROXIDE

UPDT:8401 CAS: 12030-88-5 MW: 71.10 MOLFM: K-O2
SYN: POTASSIUM SUPEROXIDE (DOT) * UN 2466 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
POTASSIUM SUPEROXIDE (DOT) see: TT6053000
POTASSIUM TELLURITE see: WY2420000
POTASSIUM TETRABROMOPALLADATE(II) see: RT3358000
POTASSIUM TETRABROMOPLATINATE see: TP1830000
POTASSIUM TETRACHLOROPALLADATE see: TT4100000
POTASSIUM TETRACHLOROPLATINATE(II) see: TP1850000
POTASSIUM TETRACHLORPLATINATE(II) see: TP1850000

TT6230000 POTASSIUM TETRACYANOMERCURATE (II)

UPDT:8308 CAS: 591-89-9 MW: 382.87 MOLFM: C2-Hg-N2 .2C-K-N
SYN: MERCURIC POTASSIUM CYANIDE * MERCURIC POTASSIUM CYANIDE, SOLID (DOT) * UN 1626 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
POTASSIUM TETRACYANOZINCATE see: ZG9220000
POTASSIUM TETRAIODOMERCURATE (II) see: OU9670000
POTASSIUM THIOCYANATE see: XL1925000
POTASSIUM THIOCYANIDE see: XL1925000

TT6720000 POTASSIUM TITANIUM OXIDE

UPDT:8303 CAS: 12056-53-0 MW: 358.70 MOLFM: K-O8-Ti4
SYN: POTASSIUM OCTATITANATE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 imp-rat TDLo:200 mg/kg JJIND8 67,965,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
POTASSIUM, TRICHLOROAMMINEPLATINATE (2) see: TP1370000
POTASSIUM TRICHLOROAMMINEPLATINATE(II) see: TP1365000
POTASSIUM TRICHLOROETHYLENEPLATINATE see: TP1880000

TT6840000 POTASSIUM TRIIODIDE

UPDT:8407 CAS: 12298-68-9 MW: 419.80 MOLFM: I3-K
SYN: IODINE-POTASSIUM IODIDE * LUGOL'S IODINE * LUGOL'S SOLUTION * MICROIODIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 iut-rat TDLo:500 mg/kg (1D pre) AJOGAH 116,167,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
POTASSIUM TROCLOSENE see: XZ1850000
POTASSIUM VANADIUM TRIOXIDE see: YW1080000
POTASSIUM XANTHATE see: FG1575000
POTASSIUM XANTHOGENATE see: FG1575000
POTASSIUM XANTHOGENATE BUTYL ETHER see: FG1223000 CARBONIC ACID, DITHIO-, O-BUTYL ESTER,POTASSIUM SALT

POTASSIUM ZINC CHROMATE see: GA9170000
POTASSIUM ZINC CHROMATE HYDROXIDE see: GA9170000
POTASSIUM ZINC CYANIDE see: ZG9220000
POTASSIUM ZIRCONIUM FLUORIDE see: ZH7028400
POTASSIUM ZIRCONIUM HEXAFLUORIDE see: ZH7028400
POTASSURIL see: LZ5230000
POTATO ALCOHOL see: KQ6300000
POTATO 'APPLES' see: WF0663000

TT7180000 POTATO, GREEN PARTS
UPDT:8401
SYN: SOLANUM TUBEROSUM L.
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T41T42 orl-ham TDLo:2700 mg/kg (8D preg) TJADAB 17,327,78
TUMORIGENIC DATA AND REFERENCES:
2V01K60 ipr-rat TDLo:136 gm/kg/2Y-I EXPEAM 34,645,78
TOXICITY DATA AND REFERENCES:
orl-ham LDLo:2700 mg/kg TJADAB 17,327,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

POTAVESCENT see: TS8050000
POTCRATE see: FO0350000
POTENTIATED ACID GLUTARALDEHYDE see: MA2450000

TT7183500 POTENTILLA FULGENS Wall., extract
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 6,232,68)
UPDT:8302
SYN: BAJRA-DANTI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 6,232,68

TT7183600 POTENTILLA INDICA (Ander.) Wolf., extract
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

TT7183700 POTENTILLA SUNDAICA (Bl.) Kuntze, extract
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

POTIDE see: TT2975000
POTOMAC RED see: DB5500000
POUNCE see: GZ1255000

TT7185300 POURTHIAEA SCANDENS Watt., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

TT7185400 POUZOLZIA ZEYLANICUM Benn., extract
DEF:Indian plant belonging to the family URTICACEAE (IJEBA6 11,43,73)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

POVAL 117 see: TR8100000
POVAL 120 see: TR8100000
POVAL 203 see: TR8100000
POVAL 205 see: TR8100000
POVAL 217 see: TR8100000
POVAL 1700 see: TR8100000
POVAL C 17 see: TR8100000
POVAN see: VC3543500
POVANYL see: VC3543500
POVIDONE see: TR8370000
POVIDONE (USP XIX) see: TR8370000
POWDER GREEN see: GL6475000
POWDER and ROOT see: DJ2800000
POYAMIN see: GG3750000
PP see: CV4239000
PP 1 see: UD1842000
PP 2 see: UD1842000
PP 4 see: UD1842000
PP 009 see: UA3000000
PP 062 see: EZ9100000
PP148 see: DW2275000
PP149 see: UW7380000
PP175 see: TD5600000
PP-199 see: BX1230000
PP211 see: TF1610000
PP296 see: XZ4804000
PP383 see: GZ1250000
PP511 see: TF1410000
PP 557 see: GZ1255000
PP 580 see: GN4934500
PP 581 see: GN4934750
PP588 see: WO5970000
PP 675 see: UW6025000
PP 745 see: UU2592000
PP781 see: NY2800000
PP 910 see: DW2010000
PP 1151 see: UD1842000
P 2070P see: TQ3325000
PP-65-25 see: CV3680000
PPA see: RC2275000
PPC 3 see: FB7880000
PPD see: SS8050000
PPE 2 see: TQ3325000
PPF, retentate see: LP6350000
PP FACTOR see: QT0525000
P.P. FACTOR-PELLAGRA PREVENTIVE FACTOR see: QT0525000
PP-FAKTOR see: QS3675000
PPG-14 BUTYL ETHER see: TR4680000
PPG-16 BUTYL ETHER see: TR4680000
PPG-33 BUTYL ETHER see: TR4680000
P. PHOSPHOREUM PJ-1 LPS see: OJ0895500
P. PHYSALIS TOXIN see: XW5868200
P 6 (POLYAMIDE) see: TQ9800000
PPb (N-PHENYL) see: TL1286100
PPb (N-o-TOLYL) see: TL1286300
PPb (N-p-TOLYL) see: TL1286350
PP 1 (POLYMER) see: UD1842000
PPR 492 see: CV6175000
PPR 493 see: CV6155000
PPR 497 see: CV6550000
PPR 515 see: CV6145000
PPSD 30 see: UD1842000
PPTC see: FA4725000
PPZEIDAN see: KJ3325000
PQ see: SF8423000
PQD see: DK4900000
PR 144 see: UD1842000
PR 703-78 see: YU1610000
PRACARBAMIN see: FA8400000
PRACARBAMINE see: FA8400000
PRACTALOL see: AE4222000
PRACTOLOL see: AE4222000
PRADONE PLUS see: YS4000000
PRADUPEN see: XH9400000
PRAECIRHEUMIN see: UQ8225000
PRAEDYN see: MD6953000
PRAGMAZONE see: YM1431000
PRAJMALINE see: AX8155800
PRAJMALINE BITARTRATE see: AX7750000
PRAJMALINE HYDROGEN TARTRATE see: AX7750000
PRAJMALIUM see: AX8155800
PRALIDOXIME CHLORIDE see: UU4200000
PRALIDOXIME IODIDE see: UU4375000
PRALIDOXIME MESYLATE see: UU4570000
PRALIDOXIME METHANESULFONATE see: UU4570000
PRALIDOXIME METHIODIDE see: UU4375000
PRALIDOXIME METHOSULFATE see: UU4570000
PRALUMIN see: CQ2975000
PRAMIL see: CP9800000
PRAMINDOLE see: GY0350000
PRAMITOL see: XY4200000

TT9062000 PRAMITOL 5PS
DEF:A pelleted formulation of 5% PROMETON, 40% SODIUM CHLORATE, 50% SODIUM METABORATE and 0.75%SIMAZINE (FMCHA2 -,C194,83)
UPDT:8309
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2745 mg/kg FMCHA2 -,C194,83
* skn-rbt LD50:3700 mg/kg FMCHA2 -,C194,83

PRAMIVERINE HYDROCHLORIDE see: GX1210000
PRAMIVERIN HYDROCHLORIDE see: GX1210000
PRAMOXINE HYDROCHLORIDE see: QD8750000
PRAMUSCIMOL see: NY2100000
PRANDIOL see: KK7450000
PRANONE see: TU5570250
PRANONE and DIETHYLSTILBESTROL see: TU5570260
PRANONE and STILBESTROL see: TU5570260
PRANOPROFEN see: DJ3100950
PRANTAL see: TN5075000
PRANTAL METHYLSULFATE see: TN5075000
PRAPAR see: BR8050000
PRAPARAT 5968 see: TH9000000
PRAPARAT 9295 see: BR8050000

TU1575000 PRASEODYMIUM PROPIONATE
UPDT:8304 CAS: 25376-57-2 MW: 121.05 MOLFM: C3-H6-O2 .1/3Pr
SYN: PRASEODYMPROPIONAT (German)
TOXICITY DATA AND REFERENCES:
scu-mus LD50:3500 mg/kg ZGEMAZ 113,536,44

PRASEODYMPROPIONAT (German) see: TU1575000
PRASTERONE see: BV8396000
PRASTERONE SODIUM SULFATE see: BV8397400 ANDROST-5-EN-17-ONE, 3-beta-HYDROXY-, ESTER withSODIUM SULFATE
PRAXITEN see: DF1400000
PRAYER BEAD see: AA5250000
PRAZEPAM see: DF2368000
PRAZEPINE see: HO1575000
PRAZIL see: SN8925000
PRAZIN see: SO7000000
PRAZINE see: SO7000000
PRAZINIL see: DW1015100
PRAZIQUANTEL see: UQ4150000
PRAZOSIN HYDROCHLORIDE see: VA1350000
P-rc see: XW5868700
PRD see: XN0480000
PRD EXPERIMENTAL NEMATOCIDE see: XN0480000
PREBANE see: XY4725000
PRECEPTIN see: MD0907700
PRECIPITATED BARIUM SULPHATE see: CR0600000
PRECIPITATED CALCIUM SULFATE see: EW4150000
PRECIPITATED SILICA see: VV8850000
PRECIPITATED SULFUR see: WS4250000
PRECIPITE BLANC see: OV8750000
PRECISION CLEANING AGENT see: KJ3975000
PRECORTANCYL see: TU4152000
PRECORTISYL see: TU4152000
PREDALON-S see: TU4517000
PREDENT see: WB0350000
PREDIACORTINE see: TU4152500
PREDICORT see: TU4152500
PREDNACINOLONE see: TU2800000
PREDNE-DOME see: TU4152000
PREDNELAN see: TU4152000
PREDNELAN-N see: TU4152500
PREDNESOL see: TU4153300
PREDNIDOREN see: TU4152500
PREDNIS see: TU4152000
PREDNI-SEDIV see: T[illegible]375000
PREDNISOLONE see: TU4152000
PREDNISOLONE ACETATE see: TU4152500
PREDNISOLONE 21-ACETATE see: TU4152500

TU2800000 PREDNISOLONE-16,17-ACETONIDE, 16-alpha-HYDROXY-
UPDT:8403 CAS: 638-94-8 MW: 416.56 MOLFM: C24-H32-O6
SYN: D-2083 * DESONIDE * 16-alpha-HYDROXYPREDNISOLE-16,17-ACETONIDE * PREDNACINOLONE * STERODERM * TRIDESILON
TOXICITY DATA AND REFERENCES:
scu-rat LD50:93 mg/kg TXAPA9 20,522,71
* orl-mus LD50:3710 mg/kg MEIEDD 10,422,83

PREDNISOLONE DISODIUM PHOSPHATE see: TU4153300
PREDNISOLONE, METHYL- see: TU4146000
PREDNISOLONE 21-PHOSPHATE DISODIUM see: TU4153300

PREDNISOLONE SODIUM HEMISUCCINATE see: TU4153500
PREDNISOLONE SODIUM PHOSPHATE see: TU4153300
PREDNISOLONE SODIUM SUCCINATE see: TU4153500
PREDNISOLONE 21-SODIUM SUCCINATE see: TU4153500
PREDNISOLONE 21-SUCCINATE SODIUM see: TU4153500
PREDNISOLONE VALERATE ACETATE see: TU3687000
PREDNISOLONE 17-VALERATE 21-ACETATE see: TU3687000
PREDNISONE see: TU4154100
PREDNISONE and AZATHIOPRINE see: UO8925200
PREDONIN see: TU4152000
PREDONINE see: TU4152000
PREDONINE SOLUBLE see: TU4153500
PREDSOL see: TU4153300
PREDSOLAN see: TU4153300
PREEGLONE see: JM5690000
PREFAR see: TE0250000
PREFAXIL see: NJ1925000
PREFEMIN see: CB2625000

TU3200000 PREFERENCE 4
DEF:Commercial hairdye product from Turin, Italy (FCTOD7 20,171,82)
UPDT:8308

MUTATION DATA AND REFERENCES:

	mma-sat 12500 ug/plate	FCTOD7 20,171,82

PREFIX see: CV3850000
PREFLAN see: YS4250000
PREFMID see: YS4250000
PREFORAN see: KO2750000
PREFOX see: EZ7290000
PREFRIN see: DO7525000
PREGARD see: XU5785000
PREGICIL see: OB2450000

TU3460000 PREGNA-3,5-DIENE-6-CARBOXALDEHYDE, 3-(2-CHLOROETHOXY)-9-FLUORO-11-beta,16-alpha,17,21- TETRAHYDROXY-20-OXO-, cyclic 16,17-ACETAL with ACETONE, 21-ACETATE
UPDT:8403 CAS: 2825-60-7 MW: 569.12 MOLFM: C29-H38-Cl-F-O8
SYN: CORTOCIN-F * CUTISTEROL * DEFLAMENE * FI 6341 * FLUDERMA * FLUOROFORMYLON * FORMOCORTAL

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:537 mg/kg	MEIEDD 10,605,83
*	scu-mus LD50:490 mg/kg	MEIEDD 10,605,83

1,4-PREGNADIENE-17-alpha,21-DIOL-3,11,20-TRIONE see: TU4154100
PREGNA-4,6-DIENE-3,20-DIONE, (9-beta,10-alpha)- (9CI) see: TU3671000

TU3671000 9-beta,10-alpha-PREGNA-4,6-DIENE-3,20-DIONE
UPDT:8403 CAS: 152-62-5 MW: 312.49 MOLFM: C21-H28-O2
SYN: 6-DEHYDRO-RETRO-PROGESTERONE * DIPHASTON * DUFASTON * DUPHASTON * DUVARON * DYDROGESTERONE * GESTATRON * GYNOREST * HYDROGESTRONE * ISOPREGNENONE * PREGNA-4,6-DIENE-3,20-DIONE, (9-beta,10-alpha)- (9CI) * PRODEL * RETRO-6-DEHYDROPROGESTERONE * RETRONE * delta(sup 6)-RETROPROGESTERONE * TEROLUT

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T12T29	scu-rat TDLo:70 mg/kg (14D pre)	CCPTAY 5,57,72
1T53	orl-rbt TDLo:1600 mg/kg (13-28D preg)	ACENA7 43,539,63
1T53	scu-rbt TDLo:40 mg/kg (13-28D preg)	ACENA7 43,539,63
1T24	scu-rbt TDLo:1500 ug/kg (2D pre/1D preg)	AJOGAH 117,167,73
1T22	scu-rbt TDLo:40 mg/kg (10D pre)	FESTAS 23,196,72
1T21	par-ham TDLo:2400 ug/kg (3D pre)	JRPFA4 37,269,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGNA-4,6-DIENE-3,20-DIONE, 17-(ACETOXY)-6-CHLORO- see: TU3750000
PREGNA-4,6-DIENE-3,20-DIONE, 17-(ACETYLOXY)-6-CHLORO-16-METHYLENE- see: TU3801000

TU3682500 PREGNA-1,4-DIENE-3,20-DIONE, 21-(ACETYLOXY)-16,17-(CYCLOPENTYLIDENEBIS(OXY))-9-FLUORO- 11-HYDROXY-, (11-beta,16-alpha)-
UPDT:8403 CAS: 51022-69-6 MW: 502.63 MOLFM: C28-H35-F-O7
SYN: AMCINONIDE * CL-34699 * CYCLOCORT

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:243 mg/kg	IYKEDH 13,637,82
*	scu-rat LD50:145 mg/kg	IYKEDH 13,637,82
*	ipr-mus LD50:896 mg/kg	IYKEDH 13,637,82
*	scu-mus LD50:143 mg/kg	IYKEDH 13,637,82

PREGNA-1,4-DIENE-3,20-DIONE, 21-(ACETYLOXY)-11,17-DIHYDROXY-, (11-beta)- (9CI) see: TU4152500

TU3686000 PREGNA-1,4-DIENE-3,20-DIONE, 21-(ACETYLOXY)-9-FLUORO-11,17-DIHYDROXY-16-METHYL-, (11-beta,16-beta)-, mixt. with (11-beta,16-beta)-9-FLUORO-11,17-DIHYDROXY-16-METHYL- 21-(PHOSPHONOOXY)PREGNA-1,4-DIENE-3,20-DIONE DISODIUM SALT
UPDT:8403 CAS: 8064-08-2 MW: 953.02 MOLFM: C24-H31-F-O6 .C22-H30-F-O8-P .2Na
SYN: BETAMETHASONE ACETATE mixed with BETAMETHASONE SODIUM PHOSPHATE * BETAMETHASONE SODIUM PHOSPHATE mixed with BETAMETHASONE ACETATE * CELESTAN-DEPOT * CELESTONE CHRONODOSE * CELESTONE SOLOSPAN * CELESTONE SOLUSPAN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T46	scu-rat TDLo:1800 ug/kg (12-13D preg)	TJADAB 23,15,81
1T35	scu-rat TDLo:4200 ug/kg (12-13D preg)	TJADAB 23,15,81
2T83T86	ims-rbt TDLo:800 ug/kg (24-26D preg)	AJOGAH 136,234,80
3T71T72T83	ims-rbt TDLo:200 ug/kg (26D preg)	BBACAQ 574,197,79
1T49	ims-rbt TDLo:200 ug/kg (26D preg)	BBACAQ 574,197,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU3687000 PREGNA-1,4-DIENE-3,20-DIONE, 21-(ACETYLOXY)-11-HYDROXY-17-((1-OXOPENTYL)OXY)-, (11-beta)-
UPDT:8408 CAS: 72064-79-0 MW: 486.66 MOLFM: C28-H38-O7
SYN: ACEPREVAL * 21-(ACETYLOXY)-11-beta-HYDROXY-17-((1-OXOPENTYL)OXY)PREGNA-1,4-DIENE-3,20-DIONE * PREDNISOLONE VALERATE ACETATE * PREDNISOLONE 17-VALERATE 21-ACETATE * PVA * 11-beta,17-alpha,21-TRIHYDROXY-1,4-PREGNADIENE-3,20-DIONE 21-ACETATE 17-VALERATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	skn-rat TDLo:14 gm/kg (35D male)	OYYAA2 20,225,80
1T13	skn-rat TDLo:87500 mg/kg (35D pre)	OYYAA2 20,225,80
1T13	scu-rat TDLo:35 mg/kg (35D pre)	OYYAA2 20,205,80
3T31T34T76	scu-rat TDLo:11 mg/kg (7-17D preg)	OYYAA2 20,67,80
3T35T45T46	scu-rat TDLo:110 mg/kg (7-17D preg)	OYYAA2 20,67,80
2T16T81	scu-rat TDLo:55 mg/kg (7-17D preg)	OYYAA2 20,67,80
1T72	scu-rat TDLo:1100 ug/kg (7-17D preg)	OYYAA2 20,67,80
1T12	scu-rat TDLo:350 mg/kg (35D pre)	OYYAA2 20,205,80
3T25T34T35	scu-rbt TDLo:3250 ug/kg (6-18D preg)	OYYAA2 20,87,80
3T41T42T45	scu-rbt TDLo:3250 ug/kg (6-18D preg)	OYYAA2 20,87,80
2T43T46	scu-rbt TDLo:1300 ug/kg (6-18D preg)	OYYAA2 20,87,80
1T13	scu-rbt TDLo:130 ug/kg (6-18D preg)	OYYAA2 20,87,80

TOXICITY DATA AND REFERENCES:

2N30P27	ipr-mus LD50:1360 mg/kg	OYYAA2 20,195,80
3F07N30U01	scu-mus LD50:1150 mg/kg	OYYAA2 20,195,80
3J15L30P01	scu-rbt LD50:100 mg/kg	OYYAA2 20,195,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGNA-4,6-DIENE-3,20-DIONE, 17-(ACETYLOXY)-6-METHYL-16-METHYLENE- (9CI) see: TU4141000

TU3724000 PREGNA-4,6-DIENE-3,20-DIONE, 6-CHLORO-17-ETHYL-
UPDT:8303 CAS: 802-81-3 MW: 374.99 MOLFM: C23-H31-Cl-O2
SYN: 6-CHLORO-6-DEHYDRO-17-alpha-ETHYLPROGESTERONE * 6-CHLORO-17-ETHYLPREGNA-4,6-DIENE-3,20-DIONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	skn-rbt TDLo:500 ug/kg (1D pre)	STEDAM 7,341,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU3725000 PREGNA-1,4-DIENE-3,20-DIONE, 21-CHLORO-9-FLUORO-11-beta,17-DIHYDROXY-16-beta-METHYL-, 17-PROPIONATE
UPDT:8305 CAS: 25122-46-7 MW: 467.02 MOLFM: C25-H32-Cl-F-O5
SYN: CLOBETASOL PROPIONATE * CLOBETASOL 17-PROPIONATE * DERMOVATE

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:351 mg/kg	NIIRDN 6,241,82
*	scu-rat LD50:366 mg/kg	IYKEDH 9,1066,78
*	ipr-mus LD50:118 mg/kg	NIIRDN 6,241,82
*	scu-mus LD50:81700 ug/kg	NIIRDN 6,241,82

TU3730000 PREGNA-4,6-DIENE-3,20-DIONE, 6-CHLORO-17-HYDROXY-
UPDT:8309 CAS: 1961-77-9 MW: 362.93 MOLFM: C21-H27-Cl-O3
SYN: CHLORMADINON * CHLORMADINONE * 6-CHLORO-17-HYDROXYPREGNA-4,6-DIENE-3,20-DIONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T13T22	orl-wmn TDLo:200 ug/kg (20D pre)	FESTAS 16,158,65
1T22	orl-wmn TDLo:3650 ug/kg (52W pre)	BMJOAE 2,730,69
1T03	scu-rat TDLo:16800 ug/kg (21D male)	ACENA7 49,145,65
1T02	scu-rat TDLo:50400 ug/kg (21D male)	ACENA7 49,145,65
1T29	orl-rbt TDLo:150 ug/kg (3D pre)	ENDOAO 81,1251,67
1T29	skn-rbt TDLo:50 ug/kg (1D pre)	STEDAM 7,341,66
1T24	skn-rbt TDLo:500 ug/kg (1D pre)	STEDAM 5,699,65
1T34	scu-rbt TDLo:300 mg/kg (1-3D preg)	FESTAS 20,211,69
1T24	scu-rbt TDLo:300 ug/kg (2D pre/1D preg)	AJOGAH 117,167,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU3750000 PREGNA-4,6-DIENE-3,20-DIONE, 6-CHLORO-17-HYDROXY-, ACETATE
UPDT:8412 CAS: 302-22-7 MW: 404.97 MOLFM: C23-H29-Cl-O4
SYN: 17-ACETOXY-6-CHLORO-6-DEHYDROPROGESTERONE * 17-alpha-ACETOXY-6-CHLORO-6-DEHYDROPROGESTERONE * 17-alpha-ACETOXY-6-CHLORO-6,7-DEHYDROPROGESTERONE * 17-alpha-ACETOXY-6-CHLORO-4,6-PREGNADIENE-3,20-DIONE * 17-alpha-ACETOXY-6-CHLOROPREGNA-4,6-DIENE-3,20-DIONE * 17-(ACETYLOXY)-6-CHLOROPREGNA-4,6-DIENE-3,20-DIONE * CAP * CHLORMADINON ACETATE * CHLORMADINONE ACETATE * CHLORMADINONU (Polish) * 6-CHLORO-17-alpha-ACETOXY-4,6-PREGNADIENE-3,20-DIONE * delta(sup 6)-6-CHLORO-17-alpha-ACETOXYPROGESTERONE * 6-CHLORO-delta(sup 6)-17-ACETOXYPROGESTERONE * 6-CHLORO-delta(sup 6)-(17-alpha)ACETOXYPROGESTERONE * 6-CHLORO-delta(sup 6)-DEHYDRO-17-ACETOXYPROGESTERONE * 6-CHLORO-6-DEHYDRO-17-alpha-ACETOXYPROGESTERONE * 6-CHLORO-6-DEHYDRO-17-alpha-HYDROXYPROGESTERONE ACETATE * 6-CHLORO-17-alpha-HYDROXYPREGNA-4,6-DIENE-3,20-DIONE ACETATE * 6-CHLORO-17-alpha-HYDROXY-delta(sup 6)-PROGESTERONE ACETATE * CHLOROMADINONE ACETATE * 6-CHLORO-delta(sup 4,6)-PREGNADIENE-17-alpha-OL-3,20-DIONE 17-ACETATE * 6-CHLORO-PREGNA-4,6-DIEN-17-alpha-OL-3,20-DIONE ACETATE * CLORDION * CMA * C-QUENS * 6-DEHYDRO-6-CHLORO-17-alpha-ACETOXYPROGESTERONE * LORMIN * LUTINYL * NSC-92338 * PREGNA-4,6-DIENE-3,20-DIONE, 17-(ACETOXY)-6-CHLORO- * RS 1280 * SKEDULE * ST 155

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T19	orl-wmn TDLo:80 ug/kg (80D pre)	FESTAS 18,57,67
1T22	orl-wmn TDLo:320 ug/kg (80D pre)	FESTAS 18,57,67
2T13T22	orl-wmn TDLo:1200 ug/kg (17W pre)	FESTAS 17,49,66
1T12	orl-wmn TDLo:3650 ug/kg (52W pre)	CCPTAY 7,503,73
1T29	orl-wmn TDLo:400 ug/kg (20D pre)	INJFA3 9,57,64
2T14T22	orl-wmn TDLo:600 ug/kg (60D pre)	BMJOAE 2,263,68
1T14	orl-wmn TDLo:3650 ug/kg (52W pre)	ACEDAB 144,7,70
1T14	orl-wmn TDLo:180 ug/kg (30D pre)	CCPTAY 4,37,71
1T22	orl-wmn TDLo:1820 ug/kg (26W pre)	LANCAO 2,24,69
2T19T22	orl-wmn TDLo:450 ug/kg (45D pre)	FESTAS 20,572,69
1T22	ims-wmn TDLo:2 mg/kg (1D pre)	INJFA3 13,415,68
1T52	unk-wmn TDLo:3640 ug/kg (52W pre)	CCPTAY 3,45,71
1T12	unk-wmn TDLo:640 ug/kg (16D pre)	FESTAS 24,19,73
1T53	orl-rat TDLo:1260 mg/kg (8-21D preg)	ANENAG 28,433,67
2T81T91	orl-rat TDLo:120 mg/kg (7-18D preg)	OYYAA2 16,153,78
3T34T46T53	orl-rat TDLo:3600 mg/kg (7-18D preg)	OYYAA2 16,153,78
1T34	orl-rat TDLo:2 mg/kg (6-9D preg)	OYYAA2 15,955,78
1T03	orl-rat TDLo:378 mg/kg (63D male)	OYYAA2 15,1211,78
1T03	scu-rat TDLo:28 mg/kg (14D male)	JRPFA4 32,453,73
1T16	scu-rat TDLo:25 mg/kg (2-6D preg)	JRPFA4 39,119,74
1T22	scu-rat TDLo:350 ug/kg (7D pre)	JRPFA4 10,105,65
1T35	scu-rat TDLo:25 mg/kg (15-24D preg)	BNEOBV 24,57,74
1T34	scu-rat TDLo:2 mg/kg (6-9D preg)	OYYAA2 15,955,78
1T53	scu-rat TDLo:20 mg/kg (17-20D preg)	AVBIB9 13,71,74
2T12T29	scu-rat TDLo:28 mg/kg (14D pre)	CCPTAY 5,57,72
3T02T03T09	ims-rat TDLo:80 mg/kg (40D male)	JRPFA4 48,177,76
1T12	imp-rat TDLo:10 mg/kg (24D pre)	BIREBV 2,315,70
1T13	unk-rat TDLo:300 mg/kg (30D pre)	OYYAA2 4,217,70
1T12	unk-rat TDLo:3 gm/kg (30D pre)	OYYAA2 4,217,70
2T35T25	orl-mus TDLo:80 mg/kg (8-15D preg)	PSEBAA 121,455,66
1T43	orl-mus TDLo:10 mg/kg (8-17D preg)	PSEBAA 121,455,66
2T25T34	orl-mus TDLo:200 mg/kg (6-7D preg)	OYYAA2 15,955,78
2T13T14	orl-mus TDLo:910 mg/kg (26W pre)	IJEBA6 11,292,73
2T34T43	scu-mus TDLo:2 mg/kg (6-7D preg)	OYYAA2 15,955,78
1T24	scu-mus TDLo:2 mg/kg (1-4D preg)	CCPTAY 21,537,80
1T13	scu-mus TDLo:2 mg/kg (1D pre)	85GRAA -,150,65
1T02	orl-dog TDLo:18200 mg/kg (91D male)	OYYAA2 15,1185,78
1T03	orl-dog TDLo:1820 mg/kg (91D male)	OYYAA2 15,1185,78
1T13	orl-dog TDLo:1820 mg/kg (91D pre)	OYYAA2 15,1185,78
1T29	orl-rbt TDLo:300 ug/kg (3D pre)	BIREBV 1,372,69
1T46	orl-rbt TDLo:26 mg/kg (6-18D preg)	OYYAA2 16,153,78
2T43T34	orl-rbt TDLo:104 mg/kg (6-18D preg)	OYYAA2 16,153,78
3T25T35T26	orl-rbt TDLo:416 mg/kg (6-18D preg)	OYYAA2 16,153,78
3T45T41T43	orl-rbt TDLo:130 mg/kg (8-20D preg)	PSEBAA 121,455,66
1T29	orl-rbt TDLo:7500 ng/kg (1D pre)	ACEDAB 73,17,63
3T01T02T09	scu-rbt TDLo:2 mg/kg (1D male)	JRPFA4 20,105,69
1T22	scu-rbt TDLo:25 ug/kg (5D pre)	CCPTAY 12,189,75
2T21T29	scu-rbt TDLo:5 ug/kg (1D pre)	ACEDAB 73,3,63
1T22	scu-rbt TDLo:2500 ug/kg (10D pre)	FESTAS 23,196,72
3T01T02T09	scu-dom TDLo:2 mg/kg (1D male)	JRPFA4 20,95,69
1T14	ims-ctl TDLo:192 ug/kg (16D pre)	JRPFA4 18,193,69

TUMORIGENIC DATA AND REFERENCES:

2V03R60	orl-dog TDLo:182 mg/kg/2Y-C	JAMAAP 219,1601,72
3V03R60N21	orl-dog TD :639 mg/kg/7Y-C	JTEHD6 3,167,77

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ACEDAB 75(185),169,74; CMROCX 4,309,76; CMROCX 4,309,76
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 6,149,74

★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 21,365,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU3751000 PREGNA-1,4-DIENE-3,20-DIONE, 6-alpha-CHLORO-17-alpha-HYDROXY-, ACETATE (ester)

UPDT:8401 MW: 406.99 MOLFM: C23-H31-Cl-O4

SYN: 6-alpha-CHLORO-delta(sup 1)-DEHYDRO-17-alpha-ACETOXYPROGESTERONE * 6-alpha-CHLORO-17-alpha-HYDROXYPREGNA-1,4-DIENE-3,20-DIONE ACETATE (ester)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T21T29	scu-rbt TDLo:37500 ng/kg (1D pre)	ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU3775000 PREGNA-4,6-DIENE-3,20-DIONE, 6-CHLORO-17-HYDROXY-, ACETATE mixed with 3-METHOXY- 17-alpha-19-NORPREGNA-1,3,5(10)-TRIEN-20-YN-17-OL

UPDT:8405 CAS: 8065-91-6 MW: 715.44 MOLFM: C23-H29-Cl-O4 C21-H26-O2

SYN: ACONCEN * CHLORMADINONE ACETATE mixed with MESTRANOL * 6-CHLORO-6-DEHYDRO-17-alpha-ACETOXYPROGESTERONE mixed with MESTRENOL * C-QUENS * LUTESTRAL (French) * MESTRANOL mixed with CHLORMADINONE ACETATE * MESTRANOL mixed with 6-CHLORO-6-DEHYDRO-17-alpha-ACETOXYPROGESTERONE * MESTRENOL mixed with 6-CHLORO-6-DEHYDRO-17-alpha-ACETOXYPROGESTERONE * S-3850

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	orl-wmn TDLo:13 mg/kg (34W pre)	AJOGAH 107,717,70
2T14T29	orl-wmn TDLo:1302 ug/kg (21D pre)	CCPTAY 1,389,70
1T12	unk-rat TDLo:3 gm/kg (30D pre)	OYYAA2 4,217,70
1T13	unk-rat TDLo:3950 mg/kg (56W pre)	OYYAA2 4,217,70

TUMORIGENIC DATA AND REFERENCES:

2V02L60	orl-wmn TDLo:60480 ug/kg/6Y-I	SURGAZ 77,137,75

TOXICITY DATA AND REFERENCES:

2F07R21	ipr-rat LD50:5 gm/kg	OYYAA2 4,217,70
2F07R21	scu-rat LD50:5 gm/kg	OYYAA2 4,217,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU3780000 PREGNA-4,6-DIENE-3,20-DIONE, 6-CHLORO-17-alpha-HYDROXY-16-alpha-METHYL-

UPDT:8412 MW: 419.00 MOLFM: C24-H31-Cl-O4

SYN: 6-CHLORO-17-alpha-HYDROXY-16-alpha-METHYLPREGNA-4,6-DIENE-3,20-DIONE * 6-CHLORO-16-alpha-METHYL-delta(sup 6)-DEHYDRO-17-alpha-ACETOXYPROGESTERONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	scu-mus TDLo:2 mg/kg (1D pre)	85GRAA -,150,65
1T29	scu-rbt TDLo:20 ug/kg (1D pre)	ACEDAB 73,3,63
1T21	scu-rbt TDLo:10 ug/kg (1D pre)	ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGNA-4,6-DIENE-3,20-DIONE, 6-CHLORO-17-HYDROXY-1-alpha,2-alpha-METHYLENE-, ACETATE see: GZ2230000

TU3801000 PREGNA-4,6-DIENE-3,20-DIONE, 6-CHLORO-17-HYDROXY-16-METHYLENE-, ACETATE

UPDT:8401 CAS: 6799-23-1 MW: 416.98 MOLFM: C24-H29-Cl-O4

SYN: 17-ACETOXY-6-CHLORO-16-METHYLENE-4,6-PREGNADIENE-3,20-DIONE * AGELIN * 6-CHLORO-17-HYDROXY-16-METHYLENEPREGNA-4,6-DIENE-3,20-DIONE ACETATE * CHLORSUPERLUTIN * 16-METHYLENECHLORMADINONE * PREGNA-4,6-DIENE-3,20-DIONE, 17-(ACETYLOXY)-6-CHLORO-16-METHYLENE- * SCH 12600

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T12T29	scu-rat TDLo:1400 ug/kg (14D pre)	CCPTAY 5,57,72
1T13	scu-rat TDLo:7 mg/kg (14D pre)	CCPTAY 5,57,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU3805000 PREGNA-1-4-DIENE-3,20-DIONE, 9-CHLORO-16-beta-METHYL-11-beta,17,21-TRIHYDROXY-, 17,21-DIPROPIONATE

UPDT:8412 CAS: 5534-09-8 MW: 521.10 MOLFM: C28-H37-Cl-O7

SYN: ALDECIN * BECLACIN * BECLOFORTE * BECLOMETASONE DIPROPIONATE * BECLOMETASONE 17,21-DIPROPIONATE * BECLOMETHASONE DIPROPIONATE * BECLOVAL * BECLOVENT * BENCONASE * BECOTIDE * BP2 * CLENIL-A * DIPROPIONATE BECLOMETHASONE * ENTYDERMA * INALONE O * INALONE R * KORBUTONE * PROPADERM * RINO-CLENIL * SANASTHYMYL * SCH 18020W * VANCENASE * VANCERIL * VIAROX

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	orl-rat TDLo:146 mg/kg (91D pre)	OYYAA2 13,33,77
3T22T31T46	orl-rat TDLo:16 mg/kg (9W male/2W pre-7D preg)	OYYAA2 18,1003,79
1T52	orl-rat TDLo:176 mg/kg (7-17D preg)	OYYAA2 18,1021,79
2T24T26	orl-rat TDLo:1600 ug/kg (9W male/2W pre-7D preg)	OYYAA2 18,1003,79
1T34	orl-rat TDLo:160 ug/kg (9W male/2W pre-7D preg)	OYYAA2 18,1003,79
3T34T46T76	ihl-rat TCLo:24 ug/kg/3M (8-17D preg)	OYYAA2 13,185,77
1T86	ihl-rat TCLo:24 ug/kg/3M (8-17D preg)	OYYAA2 13,185,77
1T81	ihl-rat TCLo:168 ug/kg/3M (8-17D preg)	OYYAA2 13,185,77
1T12	ihl-rat TCLo:14400 ug/kg (30D pre)	OYYAA2 13,1,77
1T03	scu-rat TDLo:41136 ug/kg (6D male)	OYYAA2 4,679,70
3T46T81T86	orl-mus TDLo:720 ug/kg (7-15D preg)	OYYAA2 13,175,77
3T16T34T43	orl-mus TDLo:7200 ug/kg (7-15D preg)	OYYAA2 13,175,77
3T35T72T73	orl-mus TDLo:72 mg/kg (7-15D preg)	OYYAA2 13,175,77
1T25	orl-mus TDLo:576 mg/kg (7-15D preg)	OYYAA2 13,175,77
3T34T46T59	ihl-mus TCLo:11 ug/kg/3M (7-15D preg)	OYYAA2 13,195,77
2T81T86	ihl-mus TCLo:11 ug/kg/3M (7-15D preg)	OYYAA2 13,195,77
1T35	ihl-mus TCLo:406 ug/kg/3M (7-15D preg)	OYYAA2 13,195,77
1T76	ihl-mus TCLo:58 ug/kg/3M (7-15D preg)	OYYAA2 13,195,77
3T34T43T46	scu-mus TDLo:700 ug/kg (7-13D preg)	YIKUAO 19,65,70
2T35T76	scu-mus TDLo:2100 ug/kg (7-13D preg)	YIKUAO 19,65,70
1T31	scu-mus TDLo:10 mg/kg (6-15D preg)	OYYAA2 24,741,82
3T25T35T46	orl-rbt TDLo:1920 ug/kg (7-18D preg)	OYYAA2 13,71,77
1T34	orl-rbt TDLo:480 ug/kg (7-18D preg)	OYYAA2 13,71,77
1T43	orl-rbt TDLo:960 ug/kg (7-18D preg)	OYYAA2 13,71,77
1T44	orl-rbt TDLo:4800 ug/kg (7-18D preg)	OYYAA2 13,71,77
3T35T41T43	scu-rbt TDLo:250 ug/kg (7-16D preg)	YIKUAO 19,65,70
1T45	scu-rbt TDLo:1 mg/kg (7-16D preg)	YIKUAO 19,65,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU3830000 PREGNA-1,4-DIENE-3,20-DIONE, 6,9-DIFLUORO-11,12-DIHYDROXY-16,17-((1-METHYLETHYLIDENE) BIS(OXY))-, (6-alpha,11-beta,16-alpha)-

UPDT:8309 CAS: 67-73-2 MW: 452.54 MOLFM: C24-H30-F2-O6

SYN: DERMALAR * 6-alpha,9-alpha-DIFLUORO-16-alpha-HYDROXYPREDNISOLONE 16,17-ACETONIDE * FLUCINAR * FLUCORT * FLUOCINOLONE ACETONIDE * FLUOCINOLONE 16,17-ACETONIDE * FLUOVITIF * JELLIN * LOCALYN * PERCUTINA * RADIOCIN * RS-1401 AT * SINALAR * SYNAMOL * SYNANDONE * SYNALAR * SYNANDRONE * SYNSAC

MUTATION DATA AND REFERENCES:

	oms-hmn-skn 2000 ppm	ARDEAC 103,39,71
	dni-rat-emb 10 gm/L	CRNGDP 4,653,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T26T34	scu-rat TDLo:1 mg/kg (1-20D preg)	ARZNAD 27,2102,77
1T71	scu-rbt TDLo:1200 ug/kg (8-31D preg)	ARZNAD 27,2102,77

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:42 mg/kg	NIIRDN 6,694,82
*	scu-rat LD50:108 mg/kg	NIIRDN 6,694,82
*	ipr-mus LD50:103 mg/kg	NIIRDN 6,694,82
*	scu-mus LD50:200 mg/kg	NIIRDN 6,694,82

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU3830500 PREGNA-1,4-DIENE-3,20-DIONE, 6,9-DIFLUORO-11-HYDROXY-16-METHYL-21-((1-OXOPENTYL)OXY)-, (6-alpha,11-beta,16-alpha)-

UPDT:8408 CAS: 59198-70-8 MW: 478.63 MOLFM: C27-H36-F2-O5

SYN: DFV * 6-alpha,9-DIFLUORO-11-beta-HYDROXY-16-alpha-METHYL-21-VALERYLOXY-1,4-PREGNADIENE-3,20-DIONE * DIFLUCORTOLONE VALERATE * DIFLUCORTOLONE 21-VALERATE * DIFLUCORTOLONVALERIANAT (German) * 6-alpha,9-DIFLUORO-11-beta-HYDROXY-21-VALERYLOXY-16-alpha-METHYL-1,4-PREGNADIENE-3,20-DIONE * NERISONA * NERISONE * TEMETEX * TEXMETEN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T45T46	skn-rat TDLo:5 gm/kg (6-15D preg)	ARZNAD 26,634,76
2T02T03	skn-rat TDLo:10500 mg/kg (35D male)	IYKEDH 9,64,78
1T13	skn-rat TDLo:10500 mg/kg (35D pre)	IYKEDH 9,64,78
1T12	skn-rat TDLo:35 gm/kg (35D pre)	IYKEDH 9,64,78
3T34T35T43	skn-rat TDLo:25 gm/kg (6-15D preg)	ARZNAD 26,634,76
1T03	scu-rat TDLo:1200 ug/kg (30D male)	IYKEDH 8,302,77
3T34T35T45	scu-rat TDLo:700 ug/kg (7-13D preg)	YKRYAH 10,1357,77
1T81	scu-rat TDLo:700 ug/kg (7-13D preg)	YKRYAH 10,1357,77
1T53	scu-rat TDLo:400 ug/kg (16-19D preg)	YKRYAH 10,1357,77
2T12T13	scu-rat TDLo:12 mg/kg (30D pre)	IYKEDH 8,302,77
1T02	scu-mus TDLo:12 mg/kg (30D male)	IYKEDH 8,302,77
3T34T35T43	scu-mus TDLo:400 ug/kg (14-17D preg)	YKRYAH 11,237,78
1T76	scu-mus TDLo:7 ug/kg (7-13D preg)	YKRYAH 11,237,78
1T43	scu-mus TDLo:70 ug/kg (7-13D preg)	YKRYAH 11,237,78
1T75	scu-mus TDLo:700 ug/kg (7-13D preg)	YKRYAH 11,237,78
3T34T43T45	skn-rbt TDLo:32500 mg/kg (6-18D preg)	ARZNAD 26,634,76
1T25	skn-rbt TDLo:650 mg/kg (6-18D preg)	ARZNAD 26,634,76
2T35T43	scu-rbt TDLo:650 ug/kg (6-18D preg)	YKRYAH 11,229,78
1T34	scu-rbt TDLo:26 ug/kg (6-18D preg)	YKRYAH 11,229,78

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3100 mg/kg	ARZNAD 26,1476,76
*	ipr-rat LD50:19500 ug/kg	IYKEDH 8,165,77
*	scu-rat LD50:13 mg/kg	ARZNAD 26,634,76
*	orl-mus LD50:4750 mg/kg	IYKEDH 11,811,80
*	ipr-mus LD50:432 mg/kg	ARZNAD 26,634,76
*	scu-mus LD50:140 mg/kg	IYKEDH 11,811,80
*	orl-dog LD50:1 gm/kg	ARZNAD 26,1476,76
*	scu-rbt TDLo:26300 ug/kg	NIIRDN 6,339,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU3832000 PREGNA-1,4-DIENE-3,20-DIONE, 6-alpha,9-DIFLUORO-11-beta,17,21-TRIHYDROXY-16-alpha-METHYL-

UPDT:8406 CAS: 2135-17-3 MW: 410.50 MOLFM: C22-H28-F2-O5

SYN: ANAPRIME * ANIPRIME * CORTEXILAR * FLUCORT * FLUCORTICIN * FLUMETHASON * FLUMETHASONE * 6-alpha-FLUORODEXAMETHASONE * FLUVET * METHAGON * RS-2177 * U-10974

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T16	ims-ctl TDLo:20 ug/kg (38W preg)	JRPFA4 28,407,72
1T27	ims-ctl TDLo:30 ug/kg (31W preg)	JAVMA4 160,867,72
1T16	ims-dom TDLo:36 ug/kg (20W preg)	JANSAG 50,391,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU3832300 PREGNA-4,6-DIENE-3,20-DIONE, 6,17-DIMETHYL-

UPDT:8403 CAS: 977-79-7 MW: 340.55 MOLFM: C23-H32-O2

SYN: AY-62022 * AY 13615S * COLPRO * COLPRONE * 6,17-DIMETHYLPREGNA-4,6-DIENE-3,20-DIONE * ETOGYN * MEDROGESTERONE * MEDROGESTONE * 6-METHYL-6-DEHYDRO-17-METHYLPROGESTERONE * METROGESTONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:20500 ug/kg (1D preg)	JRPFA4 12,473,66
1T53	scu-rat TDLo:300 mg/kg (15-20D preg)	JRPFA4 12,473,66
1T22	scu-rat TDLo:26250 ug/kg (21D pre)	JRPFA4 12,473,66
1T24	scu-rat TDLo:7500 ug/kg (1D pre)	JRPFA4 12,473,66

TOXICITY DATA AND REFERENCES:

*	orl-gpg LD50:850 mg/kg	USXXAM #4230702

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU3832500 PREGNA-1,4-DIENE-3,20-DIONE, 6-alpha-FLUORO-11-beta,21-DIHYDROXY-16-alpha-METHYL-

UPDT:8303 CAS: 152-97-6 MW: 376.51 MOLFM: C22-H29-F-O4

SYN: FLUCORTOLONE * FLUOCORTOLON * FLUOCORTOLONE * FLUORCORTOLONE * 6-alpha-FLUORO-11-beta,21-DIHYDROXY-16-alpha-METHYLPREGNA-1,4-DIENE-3,20-DIONE * 6-alpha-FLUORO-16-alpha-METHYL-1-DEHYDROCORTICOSTERONE * 6-alpha-FLUORO-16-alpha-METHYLPREGNA-1,4-DIENE-11-beta,21-DIOL-3,20-DIONE * 6-alpha-FLUORO-16-alpha-METHYL-delta(sup 1,4)-PREGNADIENE-11-beta-DIOL-3,20-DIONE * SH 742 * ULTRALAN ORAL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	orl-mus TDLo:70 mg/kg (12D preg)	YKRYAH 9,1623,76
1T34	orl-mus TDLo:20 mg/kg (12D preg)	YKRYAH 9,1623,76
1T43	orl-mus TDLo:70 mg/kg (13D preg)	YKRYAH 9,1623,76
1T43	scu-mus TDLo:70 mg/kg (13D preg)	YKRYAH 9,1623,76
3T34T41T43	scu-rbt TDLo:30 mg/kg (7-18D preg)	YKRYAH 10,151,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU3835000 PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11,21-DIHYDROXY-16-METHYL-17-((1-OXOPENTYL)OXY)-, (11-beta,16-beta)-

UPDT:8408 CAS: 2152-44-5 MW: 476.64 MOLFM: C27-H37-F-O6

SYN: BETAMETHASONE VALERATE * BETAMETHASONE 17-VALERATE * BETNOVATE * BETNOVATEAT * CELESTODERM * 9-FLUORO-11-beta,17,21-TRIHYDROXY-16-beta-METHYLPREGNA-1,4-DIENE-3,20-DIONE-17-VALERATE * beta-METHASONE 17-VALERATE * VALISONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	skn-rat TDLo:70 gm/kg (35D male)	OYYAA2 20,225,80
3T16T34T35	skn-rat TDLo:19800 ug/kg (7-17D preg)	YACHDS 9,3045,81
3T71T72T73	skn-rat TDLo:19800 ug/kg (7-17D preg)	YACHDS 9,3045,81
1T46	skn-rat TDLo:19800 ug/kg (7-17D preg)	YACHDS 9,3045,81
1T12	skn-rat TDLo:8700 mg/kg (35D pre)	OYYAA2 20,225,80
2T34T46	scu-rat TDLo:1100 ug/kg (7-17D preg)	OYYAA2 21,441,81
2T43T45	scu-rat TDLo:44 mg/kg (7-17D preg)	OYYAA2 20,67,80
3T13T25T35	scu-rat TDLo:44 mg/kg (7-17D preg)	OYYAA2 20,67,80
2T12T13	scu-rat TDLo:3500 ug/kg (35D pre)	OYYAA2 20,205,80
1T34	scu-mus TDLo:1 mg/kg (11D preg)	YKRYAH 10,1585,77
1T35	scu-mus TDLo:1 mg/kg (14D preg)	YKRYAH 10,1585,77
1T43	scu-mus TDLo:3300 ug/kg (12D preg)	YKRYAH 10,1585,77
3T27T35T71	skn-rbt TDLo:7500 ug/kg (7-18D preg)	OYYAA2 10,685,75
1T34	skn-rbt TDLo:1500 ug/kg (7-18D preg)	OYYAA2 10,685,75
3T13T25T34	scu-rbt TDLo:1300 ug/kg (6-18D preg)	OYYAA2 20,87,80

3T35T41T42	scu-rbt TDLo:1300 ug/kg (6-18D preg)	OYYAA2 20,87,80
3T43T45T46	scu-rbt TDLo:1300 ug/kg (6-18D preg)	OYYAA2 20,87,80

TOXICITY DATA AND REFERENCES:

*	scu-rat LDLo:2000 mg/kg	ARZNAD 27,2102,77
*	orl-mus LD50:4067 mg/kg	SKIZAB 29,153,73
*	ipr-mus LD50:632 mg/kg	SKIZAB 29,153,73
*	scu-mus LD50:496 mg/kg	SKIZAB 29,153,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU3840000 PREGNA-1,4-DIENE-3,20-DIONE, 9-alpha-FLUORO-16-alpha,17-alpha-ISOPROPYLIDENEDIOXY-11-beta- HYDROXY-

UPDT:8305 CAS: 2135-14-0 MW: 496.67 MOLFM: C29-H33-F-O6

SYN: BETAMETHASONE BENZOATE * BETAMETHASONE 17-BENZOATE * BETHAMETHASONE 17-BENZOATE * 21-DEOXYTRIAMCINOLINE ACETONIDE * DESCINOLONE ACETONIDE * MS-1112

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	scu-rat TDLo:80 ug/kg (1-8D preg)	OYYAA2 10,661,75
1T81	scu-rat TDLo:80 ug/kg (9-18D preg)	OYYAA2 10,661,75
1T34	scu-rat TDLo:1 mg/kg (9-18D preg)	OYYAA2 10,661,75
2T31T35	scu-rat TDLo:10 mg/kg (9-18D preg)	OYYAA2 10,661,75
3T27T31T35	skn-rbt TDLo:7500 ug/kg (7-18D preg)	OYYAA2 10,685,75
1T71	skn-rbt TDLo:7500 ug/kg (7-18D preg)	OYYAA2 10,685,75
1T34	skn-rbt TDLo:1500 ug/kg (7-18D preg)	OYYAA2 10,685,75

TOXICITY DATA AND REFERENCES:

	scu-rat LD50:194 mg/kg	TXAPA9 8,250,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU3845000 PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-16-alpha-METHYL-11-beta,17,21-TRIHYDROXY-, 21- DISODIUM PHOSPHATE

UPDT:8408 MW: 516.45 MOLFM: C22-H28-F-O8-P.2Na

SYN: DECADRON * DEXAMETHASONE 21-PHOSPHATE DISODIUM SALT

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	orl-rat TDLo:7500 ug/kg (6-15D preg)	BCFAAI 119,391,80
2T34T43	orl-rat TDLo:1 mg/kg (6-15D preg)	BCFAAI 119,391,80
2T34T35	orl-mus TDLo:10 mg/kg (6-15D preg)	BCFAAI 119,391,80
1T43	orl-mus TDLo:2 mg/kg (6-15D preg)	BCFAAI 119,391,80
3T25T34T43	scu-mus TDLo:12800 ug/kg (11-14D preg)	SEIJBO 13,245,73
1T35	orl-rbt TDLo:130 ug/kg (6-18D preg)	BCFAAI 119,391,80
1T34	orl-rbt TDLo:650 ug/kg (6-18D preg)	BCFAAI 119,391,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU3850000 PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-beta,16-alpha,17,21-TETRAHYDROXY-

UPDT:8412 CAS: 124-94-7 MW: 394.48 MOLFM: C21-H27-F-O6

SYN: ARISTOCORT * 9-alpha-FLUORO-16-alpha-HYDROXYPREDNISOLONE * 9-alpha-FLUORO-11-beta,16-alpha,17,21-TETRAHYDROXYPREGNA-1,4-DIENE-3,20-DIONE * 9-alpha-FLUORO-11-beta,16-alpha,17,21-TETRAHYDROXY-1,4-PREGNADIENE-3,20-DIONE * 9-alpha-FLUORO-11-beta,16-alpha,17-alpha,21-TETRAHYDROXYPREGNA-1,4-DIENE-3,20-DIONE * 9-FLUORO-11-beta,16-alpha,17,21-TETRAHYDROXYPREGNA-1,4-DIENE-3,20-DIONE * FLUOXYPREDNISOLONE * KENACORT * PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11,16,17,21-TETRAHYDROXY-, (11-beta,16-alpha)- * SK-TRIAMCINOLONE * RODINOLONE * 11-beta,16-alpha,17-alpha,21-TETRAHYDROXY-9-alpha-FLUORO-1,4-PREGNADIENE-3,20-DIONE * TRIAMCINOLONE

MUTATION DATA AND REFERENCES:

	oms-hmn-orl 428 ug/kg	ARDEAC 103,39,71

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	unk-wmn TDLo:12600 ug/kg (1-39W preg)	AJOGAH 96,985,66
2T25T27	orl-rat TDLo:1 gm/kg (4-8D preg)	FESTAS 22,735,71
1T71	orl-rat TDLo:1 gm/kg (9-13D preg)	FESTAS 22,735,71
1T43	ims-rat TDLo:10 mg/kg (13D preg)	TCMUD8 3,313,83
1T34	ims-rat TDLo:20 mg/kg (13D preg)	TCMUD8 3,313,83
2T33T43	ims-mus TDLo:10 mg/kg (11D preg)	TJADAB 4,227,71
1T48	ims-mky TDLo:30 mg/kg (63-65D preg)	DABBBA 38,145,76
1T43	ims-rbt TDLo:4 mg/kg (13-16D preg)	APTOD9 19,A90,80
2T34T43	ims-ham TDLo:2 mg/kg (11D preg)	JEEMAF 36,101,76

TOXICITY DATA AND REFERENCES:

	scu-rat LD50:99 mg/kg	TXAPA9 8,250,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJOGAH 96,985,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11,16,17,21-TETRAHYDROXY-, (11-beta,16-alpha)- see: TU3850000

TU3900000 PREGNA-1,4-DIENE-3,20-DIONE, 6-alpha-FLUORO-11-beta,16-alpha,17,21-TETRAHYDROXY-, CYCLIC 16,17-ACETAL with ACETONE

UPDT:8310 CAS: 3385-03-3 MW: 434.55 MOLFM: C24-H31-F-O6

SYN: FLUNISOLIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T02T03	orl-rat TDLo:630 ug/kg (63D male)	OYYAA2 24,631,82
1T14	orl-rat TDLo:1050 ug/kg (21D pre)	OYYAA2 24,631,82
3T34T35T42	orl-rat TDLo:1100 ug/kg (7-17D preg)	OYYAA2 24,643,82
3T43T45T53	orl-rat TDLo:1100 ug/kg (7-17D preg)	OYYAA2 24,643,82
3T72T75T76	orl-rat TDLo:550 ug/kg (7-17D preg)	OYYAA2 24,643,82
1T85	orl-rat TDLo:26 ug/kg (17-21D preg/21D post)	OYYAA2 24,661,82
1T31	scu-mus TDLo:400 ug/kg (6-15D preg)	OYYAA2 24,741,82
1T43	scu-mus TDLo:2 mg/kg (6-15D preg)	OYYAA2 24,741,82
1T34	scu-mus TDLo:10 mg/kg (6-15D preg)	OYYAA2 24,741,82
1T46	scu-mus TDLo:80 mg/kg (6-15D preg)	OYYAA2 24,741,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU3920000 PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-beta,16-alpha,17,21-TETRAHYDROXY-, CYCLIC 16,17-ACETAL with ACETONE

UPDT:8408 CAS: 76-25-5 MW: 434.55 MOLFM: C24-H31-F-O6

SYN: ACETOSPAN * ARISTOCORT ACETONIDE * ARISTODERM * ARISTOGEL * 9-alpha-FLUORO-11-beta,21-DIHYDROXY-16-alpha-ISOPROPYLIDENEDIOXY-1,4-PREGNADIENE-3,20-DIONE * 9-alpha-FLUORO-16-HYDROXYPREDNISOLONE ACETONIDE * 9-alpha-FLUORO-16-alpha-HYDROXYPREDNISOLONE 16-alpha,17-alpha-ACETONIDE * 9-alpha-FLUORO-16-alpha-17-alpha-ISOPROPYLEDENEDIOXYPREDNISOLONE * 9-alpha-FLUORO-16-alpha-17-alpha-ISOPROPYLIDENEDIOXY-delta-1-HYDROCORTISONE * FLUTONE * KENACORT-A * KENALOG * TRAMACIN * TRIAMCINCOLONE ACETONIDE * TRIAMCINOLONE ACETONIDE * TRIAMCINOLONE 16,17-ACETONIDE * VETALOG

MUTATION DATA AND REFERENCES:

	dns-hmn:oth 1 nmol/L	CNREA8 43,2664,83
	dni-hmn:oth 10 nmol/L	CNREA8 43,2664,83
	oms-hmn-skn 5000 ppm	ARDEAC 103,39,71
	oms-hmn-skn 5000 ppm	26UYAB -,335,71
	dni-mus:leu 10 nmol/L	CNREA8 43,2536,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	ims-rat TDLo:375 ug/kg (12-14D preg)	TJADAB 27,13,83
2T43T39	ims-rat TDLo:500 ug/kg (14D preg)	TJADAB 11,57,75
1T45	ims-rat TDLo:750 ug/kg (12-14D preg)	TJADAB 27,13,83
1T53	ims-rat TDLo:1500 ug/kg (12-14D preg)	TJADAB 27,13,83
3T25T26T35	ims-rat TDLo:750 ug/kg (12-14D preg)	TJADAB 27,13,83
1T39	ipr-mus TDLo:13 mg/kg (12D preg)	TJADAB 18,343,78
1T25	scu-mus TDLo:12800 ug/kg (11-14D preg)	SEIJBO 13,245,73
1T43	scu-mus TDLo:960 ug/kg (11-14D preg)	SCIEAS 149,862,65
2T25T43	scu-mus TDLo:2500 ug/kg (12D preg)	TJADAB 27,395,83
2T35T43	scu-mus TDLo:10 mg/kg (11D preg)	SHKKAN 20,844,78
1T34	scu-mus TDLo:12800 ug/kg (11D preg)	SEIJBO 13,245,73
1T43	ims-mus TDLo:480 ug/kg (11-14D preg)	SCIEAS 149,862,65
1T39	ims-mus TDLo:10 mg/kg (11D preg)	FEPRA7 29,348,70
2T25T43	ims-mus TDLo:5 mg/kg (11D preg)	PNASA6 67,779,70
1T33	ims-mus TDLo:10 mg/kg (11D preg)	PNASA6 67,779,70
3T34T35T43	ims-mus TDLo:10 mg/kg (11D preg)	TJADAB 26(1),13A,82
3T41T42T43	ims-mky TDLo:50 mg/kg (23-31D preg)	TJADAB 28,35,83
3T43T46T48	ims-mky TDLo:60 mg/kg (41-44D preg)	FEPRA7 34,1661,75
2T34T35	ims-mky TDLo:60 mg/kg (41-44D preg)	FEPRA7 34,1661,75
1T55	ims-mky TDLo:50 mg/kg (23-31D preg)	TJADAB 28,35,83
3T25T41T59	ims-ham TDLo:500 ug/kg (9D preg)	ANREAK 193,633,79
2T52T83	ims-ham TDLo:100 ug/kg (11D preg)	ANREAK 199,135A,81

TOXICITY DATA AND REFERENCES:

*	scu-rat LD50:13100 ug/kg	DRFUD4 6,44,81
*	ipr-mus LD50:105 mg/kg	NIIRDN 6,516,82
*	scu-mus LD50:132 mg/kg	NIIRDN 6,516,82

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: TJADAB 11(1),47,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU3930000 PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-beta,16-alpha,17,21-TETRAHYDROXY-, CYCLIC 16,17-ACETAL with ACETONE, 21-(3,3-DIMETHYLBUTYRATE)

UPDT:8412 CAS: 5611-51-8 MW: 532.71 MOLFM: C30-H41-F-O7

SYN: ARISTOSPAN * CL 34433 * TATBA * TRIAMCINOLONE HEXACETONIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T26T71T75	ims-rat TDLo:40 mg/kg (10-13D preg)	JOANAY 128,747,79
2T43T81	ims-rat TDLo:40 mg/kg (10-13D preg)	JOANAY 128,747,79
1T43	ims-mus TDLo:2 mg/kg (8D preg)	46IEAC -,387,80
2T44T46	ims-mus TDLo:2 mg/kg (8D preg)	JDREAF 58(Spec. Iss A),384,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU3950000 PREGNA-1,4-DIENE-2,20-DIONE, 9-FLUORO-11-beta,16-alpha,17,21-TETRAHYDROXY-, 16,21-DIACETATE

UPDT:8303 CAS: 67-78-7 MW: 478.56 MOLFM: C25-H31-F-O8

SYN: ARISTOCORT DIACETATE * ARISTOCORT FORTE PARENTERAL * ARISTOCORT SYRUP * 9-alpha-FLUORO-16-alpha-HYDROXYPREDNISOLONE DIACETATE * 9-FLUORO-11-beta,16-alpha,17,21-TETRAHYDROXYPREGNA-1,4-DIENE-3,20-DIONE 16,21-DIACETATE * KENACORT DIACETATE SYRUP * TRIAMCINOLONE DIACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T31	scu-rat TDLo:87500 ug/kg (15-17D preg)	BBACAQ 385,257,75
1T43	orl-mus TDLo:3200 ug/kg (11-14D preg)	SCIEAS 149,862,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU3980000 PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-beta,17,21-TRIHYDROXY-16-alpha-METHYL-

UPDT:8412 CAS: 50-02-2 MW: 392.51 MOLFM: C22-H29-F-O5

SYN: AEROSEB-DEX * AZIUM * CORSONE * DECADERM * DECADRON * DECASONE * DECASPRAY * DECTANCYL * 1-DEHYDRO-16-alpha-METHYL-9-alpha-FLUOROHYDROCORTISONE * DELTAFLUORENE * DERGRAMIN * DERONIL * DESADRENE * DESAMETASONE * DESAMETHASONE * DEXA * DEXACORT * DEXA-CORTIDELT * DEXA-CORTISYL * DEXADELTONE * DEXAMETH * DEXAMETHASONE * DEXAMETHASONE ALCOHOL * DEXAMETHAZONE * DEXONE * DEXTELAN * DEZONE * DXMS * delta(sup 1)-9-alpha-FLUORO-16-alpha-METHYLCORTISOL * 9-alpha-FLUORO-16-alpha-METHYLPREDNISOLONE * 9-alpha-FLUORO-16-alpha-METHYL-1,4-PREGNADIENE-11-beta,17-alpha,21-TRIOL-3,20-DIONE * 4-alpha-FLUORO-16-alpha-METHYL-11-beta,17,21-TRIHYDROXYPREGNA-1,4-DIENE-3,20-DIONE * 9-FLUORO-11-beta,17,21-TRIHYDROXY-16-alpha-METHYLPREGNA-1,4-DIENE-3,20-DIONE * 9-alpha-FLUORO-11-beta,17-alpha,21-TRIHYDROXY-16-alpha-METHYLPREGNA-1,4-DIENE-3,20-DIONE * FORTECORTIN * GAMMACORTEN * HEXADECADROL * HEXADROL * MAXIDEX * 16-alpha-METHYL-9-alpha-FLUORO-1-DEHYDROCORTISOL * 16-alpha-METHYL-9-alpha-FLUORO-delta(sup 1)-HYDROCORTISONE * 16-alpha-METHYL-9-alpha-FLUOROPREDNISOLONE * 16-alpha-METHYL-9-alpha-FLUORO-1,4-PREGNADIENE-11-beta,17-alpha,21-TRIOL-3,20-DIONE * 16-alpha-METHYL-9-alpha-FLUORO-11-beta,17-alpha,21-TRIHYDROXYPREGNA-1,4-DIENE-3,20-DIONE * MEXIDEX * MILLICORTEN * MK 125 * ORADEXON * SK-DEXAMETHASONE * SUPERPREDNOL

MUTATION DATA AND REFERENCES:

	dni-rat:oth 10 umol/L	ITCSAF 14,625,78
	oms-mus-skn 3 mg/kg	JNCIAM 54,931,75
	dns-mus:bmr 1 mmol/L	NTIS** AD-A080-636
	dni-mus-skn 3 mg/kg	JNCIAM 54,931,75
	oms-mus-skn 3 mg/kg	JNCIAM 54,931,75
	oms-mus:leu 1 umol/L	CNREA8 39,3849,79
	dni-mus:leu 10 nmol/L	CNREA8 43,2536,83
	cyt-mus-skn 3 mg/kg	JNCIAM 54,931,75
	dni-ckn:emb 150 pmol/L	NATUAS 257,804,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T35T43	orl-rat TDLo:2 mg/kg (6-15D preg)	28QFAD -,85,73
3T31T34T46	orl-rat TDLo:880 ug/kg (7-17D preg)	OYYAA2 18,1021,79
3T26T35T39	orl-rat TDLo:8800 ug/kg (7-17D preg)	OYYAA2 18,1021,79
2T43T45	orl-rat TDLo:7500 ug/kg (15-17D preg)	CRSBAW 163,1269,69
2T16T72	orl-rat TDLo:8800 ug/kg (7-17D preg)	OYYAA2 18,1021,79
1T83	ipr-rat TDLo:3 mg/kg (14-15D preg)	BBRCA9 75,125,77
1T09	scu-rat TDLo:3 mg/kg (3D male)	OYYAA2 23,961,82
2T34T52	scu-rat TDLo:700 ug/kg (12-18D preg)	ACFDAB 173,44,73
1T46	scu-rat TDLo:900 ug/kg (8-16D preg)	NYKZAU 71,367,75
3T55T76T81	scu-rat TDLo:3600 ug/kg (8-16D preg)	NYKZAU 71,367,75
2T31T43	scu-rat TDLo:3600 ug/kg (8-16D preg)	NYKZAU 71,367,75
3T43T45T47	scu-rat TDLo:11 mg/kg (7-17D preg)	TJADAB 28,12A,83
1T43	orl-mus TDLo:5 mg/kg (6-15D preg)	28QFAD -,85,73
1T43	scu-mus TDLo:3600 ug/kg (7-15D preg)	NYKZAU 71,367,75
1T34	scu-mus TDLo:28800 ug/kg (7-15D preg)	NYKZAU 71,367,75
3T34T43T46	scu-mus TDLo:10 mg/kg (6-15D preg)	OYYAA2 24,741,82
1T31	scu-mus TDLo:400 ug/kg (6-15D preg)	OYYAA2 24,741,82
1T43	ocu-mus TDLo:1200 ug/kg (10-13D preg)	TJADAB 16,175,77
1T53	ocu-mus TDLo:6 mg/kg (10-13D preg)	TJADAB 16,175,77
1T34	par-mus TDLo:6 mg/kg (16D preg)	LAINAW 36,395,77
1T49	par-mus TDLo:400 ug/kg (16D preg)	LAINAW 36,395,77
1T02	itt-dog TDLo:18 mg/kg (1D male)	IJEBA6 17,937,79
3T16T81T86	ims-mky TDLo:3700 mg/kg (18-23W preg)	AJOGAH 145,920,83
1T43	orl-rbt TDLo:400 ug/kg (13-16D preg)	28QFAD -,85,73
1T35	orl-rbt TDLo:2 mg/kg (13-16D preg)	28QFAD -,85,73
1T16	ims-rbt TDLo:1600 ug/kg (25-26D preg)	JANSAG 42,131,76
3T50T53T59	ocu-rbt TDLo:554 ug/kg (6-18D preg)	TXAPA9 16,773,70
1T16	par-rbt TDLo:2 mg/kg (25-26D preg)	JANSAG 37,305,73
2T52T81	par-rbt TDLo:360 ug/kg (25-27D preg)	JANSAG 36,1170,73

3T16T48T53 ims-pig TDLo:6667 ug/kg (14W preg) BIREBV 9,105,73
1T16 par-pig TDLo:6670 ug/kg (14W preg) JANSAG 37,305,73
2T16T81 par-pig TDLo:3750 ug/kg (14W preg) JANSAG 36,1170,73
2T34T43 ims-ham TDLo:4 mg/kg (11D preg) JEEMAF 36,101,76
1T16 ims-hor TDLo:1905 ug/kg (45W preg) JANSAG 44,1072,77
2T16T81 ims-hor TDLo:800 ug/kg (45-46W preg) JAVMA4 165,721,74
2T16T81 par-hor TDLo:889 ug/kg (45-46W preg) JRFSAR 23,637,75
1T02 scu-mam TDLo:877 mg/kg (20D male) ACATA5 89,240,74

TOXICITY DATA AND REFERENCES:
scu-rat LD50:14 mg/kg TXAPA9 8,250,66
ipr-mus LD50:410 mg/kg RPOBAR 2,281,70

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJOGAH 96,985,66

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4000000 PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-beta,17,21-TRIHYDROXY-16-beta-METHYL-
UPDT:8408 CAS: 378-44-9 MW: 392.51 MOLFM: C22-H29-F-O5
SYN: BETAMETHASONE * BETAMETHAZONE * BETNELAN * BETSOLAN * CELESTONE * 9-alpha-FLUORO-16-beta-METHYLPREDNISOLONE * 9-alpha-FLUORO-16-beta-METHYL-1,4-PREGNADIENE-11-beta,17-alpha,21-TRIOL-3,20-DIONE * 9-FLUORO-11-beta,17,21-TRIHYDROXY-16-beta-METHYLPREGNA-1,4-DIENE-3,20-DIONE * 9-alpha-FLUORO-11-beta,17,21-TRIHYDROXY-16-beta-METHYLPREGNA-1,4-DIENE-3,20-DIONE * 9-alpha-FLUORO-11-beta,17-alpha,21-TRIHYDROXY-16-beta-METHYLPREGNA-1,4-DIENE-3,20-DIONE * 16-beta-METHYL-1,4-PREGNADIENE-9-alpha-FLUORO-11-beta,17-alpha,21-TRIOL-3,20-DIONE * NSC-39470 * Sch 4831

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T39 ims-mky TDLo:600 ug/kg (20W preg) AJOGAH 127,261,77
1T49 ims-mky TDLo:1600 ug/kg (18W preg) ARDSBL 117,377,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4025000 PREGNA-1,4-DIENE-3,20-DIONE, 6-alpha-FLUORO-11-beta,17,21-TRIHYDROXY-16-alpha-METHYL-, 21-ACETATE
UPDT:8403 CAS: 1597-82-6 MW: 434.55 MOLFM: C24-H31-F-O6
SYN: 21-ACETYL-6-alpha-FLUORO-16-alpha-METHYLPREDNISOLONE * 6-alpha-FLUORO-16-alpha-METHYLPREDNISOLONE 21-ACETATE * HALDRONE * 16-alpha-METHYL-6-alpha-FLUOROPREDNISOLONE-21-ACETATE * MONOCORTIN * PARAMETHASONE 21-ACETATE * PARAMETHAZONE ACETATE * PARMETHASONE ACETATE * SINTECORT * STEMAX

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 unk-rat TDLo:10500 ug/kg (1-21D preg) NFGZAD 13,211,68
1T31 unk-rat TDLo:2625 ug/kg (1-21D preg) NFGZAD 13,211,68

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:127 mg/kg TXAPA9 18,185,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4050000 PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-beta,17,21-TRIHYDROXY-16-alpha-METHYL-, ACETATE
UPDT:8408 CAS: 1177-87-3 MW: 434.55 MOLFM: C24-H31-F-O6
SYN: DECADRON-LA * DECTAN * DEXAMETHASONE ACETATE * 9-FLUORO-11-beta,17,21-TRIHYDROXY-16-alpha-METHYLPREGNA-1,4-DIENE-3,20-DIONE ACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T27 orl-rat TDLo:1 mg/kg (15-19D preg) FESTAS 22,735,71
2T34T46 scu-rat TDLo:1200 ug/kg (12-13D preg) TJADAB 23,15,81
2T34T45 scu-rat TDLo:1200 ug/kg (12-13D preg) DPTHDL 4,89,82
1T43 scu-rat TDLo:2400 ug/kg (12-13D preg) DPTHDL 4,89,82
2T25T34 scu-mus TDLo:12800 ug/kg (9-12D preg) SEIJBO 13,245,73
1T43 scu-mus TDLo:12800 ug/kg (11-14D preg) SEIJBO 13,245,73
2T25T43 ivn-mus TDLo:128 mg/kg (11-14D preg) SEIJBO 13,245,73
1T43 ocu-mus TDLo:1200 ug/kg (10-13D preg) TJADAB 16,175,77
1T53 ocu-mus TDLo:6 mg/kg (10-13D preg) TJADAB 16,175,77
1T83 scu-rbt TDLo:6 mg/kg (24-26D preg) BCPCA6 27,1007,78
1T29 scu-rbt TDLo:9 mg/kg (5-7D preg) BIREBV 30,544,84

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4055000 PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-beta,17,21-TRIHYDROXY-16-alpha-METHYL-, 21-(DIHYDROGEN PHOSPHATE)
UPDT:8403 CAS: 312-93-6 MW: 472.49 MOLFM: C22-H30-F-O8-P
SYN: BETNELAN PHOSPHATE * DEXAMETHASONE 21-ORTHOPHOSPHATE * DEXAMETHASONE PHOSPHATE * DEXAMETHASONE 21-PHOSPHATE * NEODECADRON * ORADEXON PHOSPHATE * WYMESONE

MUTATION DATA AND REFERENCES:
dni-rat-ipr 3 mg/kg JOENAK 62,527,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T52 orl-rat TDLo:600 ug/kg (21-22D preg) PSEBAA 140,1360,72
2T49T81 ipr-rat TDLo:200 ug/kg (19-20D preg) BNEOBV 36,1,79
1T51 ipr-rat TDLo:400 ug/kg (19-20D preg) BNEOBV 36,1,79
2T25T43 scu-rat TDLo:30 mg/kg (8-13D preg) EXPEAM 26,1111,70
2T14T29 scu-rat TDLo:2 mg/kg (1D pre) ENDOAO 94,1397,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4056000 PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-beta,17,21-TRIHYDROXY-16-alpha-METHYL-, 21-(DIHYDROGEN PHOSPHATE) DISODIUM SALT
UPDT:8408 CAS: 2392-39-4 MW: 518.47 MOLFM: C22-H30-F-O8-P.2Na
SYN: DECADRON PHOSPHATE * DEXACORT * DEXADRESON * DEXAGRO * DEXAMETHASONE DISODIUM PHOSPHATE * DEXAMETHASONE SODIUM PHOSPHATE * DEXAMETHAZONE SODIUM PHOSPHATE * DISODIUM DEXAMETHASONE PHOSPHATE * MEGACORT * SODIUM DEXAMETHASONE PHOSPHATE * SOLDESAM * SOLU-DECADRON * SPERSADOX * TURBINAIRE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T16T35 ims-rbt TDLo:9 mg/kg (21-26D preg) JOENAK 64,363,75
3T41T43T45 par-rbt TDLo:8 mg/kg (11-14D preg) ANIFAC 3,73,62
2T34T35 par-rbt TDLo:8 mg/kg (11-14D preg) ANIFAC 3,73,62
2T25T27 par-rbt TDLo:4 mg/kg (11D preg) ANIFAC 3,73,62
1T16 ims-dom TDLo:145 ug/kg (20W preg) AAAHAN 16,462,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4056500 PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-beta,17,21-TRIHYDROXY-16-beta-METHYL-, 21-(DIHYDROGEN PHOSPHATE), DISODIUM SALT
UPDT:8303 CAS: 151-73-5 MW: 518.47 MOLFM: C22-H30-F-O8-P.2Na
SYN: BDP * BETAMETHASONE DISODIUM PHOSPHATE * BETAMETHASONE 21-DISODIUM PHOSPHATE * BETAMETHASONE SODIUM PHOSPHATE * BETNESOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T46T81 scu-rat TDLo:468 ug/kg (9-14D preg) OYYAA2 8,705,74
3T25T71T76 scu-rat TDLo:1878 ug/kg (9-14D preg) OYYAA2 8,705,74
2T43T45 scu-rat TDLo:7500 ug/kg (9-14D preg) OYYAA2 8,705,74
3T34T43T59 scu-mus TDLo:15 mg/kg (7-12D preg) OYYAA2 8,705,74
3T46T76T81 scu-mus TDLo:3750 ug/kg (7-12D preg) OYYAA2 8,705,74
2T35T71 scu-mus TDLo:60 mg/kg (7-12D preg) OYYAA2 8,705,74

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1607 mg/kg SKIZAB 29,153,73
* ipr-mus LD50:1166 mg/kg SKIZAB 29,153,73
* scu-mus LD50:1363 mg/kg SKIZAB 29,153,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4057900 PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-beta,17,21-TRIHYDROXY-16-alpha-METHYL-, 17,21-DIPROPIONATE
UPDT:8402 MW: 490.62 MOLFM: C27-H35-F-O7
SYN: DEXAMETHASONE 17,21-DIPROPIONATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T43T45T47 scu-rat TDLo:11 mg/kg (7-17D preg) TJADAB 28,12A,83
1T35 scu-rat TDLo:11 mg/kg (7-17D preg) TJADAB 28,12A,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4058000 PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-beta,17,21-TRIHYDROXY-16-beta-METHYL-, 17,21-DIPROPIONATE
UPDT:8406 CAS: 5593-20-4 MW: 504.65 MOLFM: C28-H37-F-O7
SYN: BETAMETHASONE DIPROPIONATE * BETAMETHASONE 17,21-DIPROPIONATE * DIPROSONE * S-3440

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T03 scu-rat TDLo:910 ug/kg (26W male) OYYAA2 18,507,79
2T71T76 scu-rat TDLo:30 mg/kg (9-14D preg) OYYAA2 8,705,74
2T52T81 scu-rat TDLo:7500 ug/kg (9-14D preg) OYYAA2 8,705,74
1T34 scu-rat TDLo:120 mg/kg (9-14D preg) OYYAA2 8,705,74
1T53 scu-rat TDLo:480 mg/kg (9-14D preg) OYYAA2 8,705,74
1T13 scu-rat TDLo:1820 ug/kg (26W pre) OYYAA2 18,507,79
3T71T76T81 scu-mus TDLo:936 ug/kg (7-12D preg) OYYAA2 8,705,74
3T25T35T39 scu-mus TDLo:3750 ug/kg (7-12D preg) OYYAA2 8,705,74
1T43 scu-mus TDLo:640 ug/kg (12D preg) OYYAA2 21,645,81
1T34 scu-mus TDLo:120 ug/kg (7-12D preg) OYYAA2 8,705,74
1T52 scu-rbt TDLo:10 ug/kg (24D preg) KSRNAM 11,1672,77
1T26 scu-rbt TDLo:6 ug/kg (15D preg) OYYAA2 21,645,81
1T43 scu-rbt TDLo:12 ug/kg (15D preg) OYYAA2 21,645,81
3T25T41T42 scu-rbt TDLo:130 ug/kg (6-18D preg) KSRNAM 11,1672,77
2T34T46 scu-rbt TDLo:3250 ug/kg (6-18D preg) KSRNAM 11,1672,77

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:103 mg/kg NIIRDN 6,753,82
* scu-mus LD50:78100 ug/kg NIIRDN 6,753,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4060000 PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-beta,17,21-TRIHYDROXY-16-alpha-METHYL-, 21-ISONICOTINATE
UPDT:8406 CAS: 2265-64-7 MW: 497.61 MOLFM: C28-H32-F-N-O6
SYN: AUXILSON * DEXAMETHASONE ISONICOTINATE * DEXAMETHASONE 21-ISONICOTINATE * HE 111 * PYRIDIN-4-CARBONSAEURE-(DEXAMETHASON-21')-ESTER (German) * PYRIDINE-4-CARBOXYLIC ACID-(DEXAMETHASONE-21')-ESTER * VOREN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 ihl-rat TCLo:4178 mg/m3/10M (44D male) OYYAA2 8,255,74
1T12 ihl-rat TCLo:4178 mg/m3/10M (44D pre) OYYAA2 8,255,74

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:442 mg/kg ARZNAD 13,588,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4065000 PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-beta,17,21-TRIHYDROXY-16-alpha-METHYL-, 17-VALERATE
UPDT:8412 CAS: 33755-46-3 MW: 476.64 MOLFM: C27-H37-F-O6
SYN: DEXAMETHASONE VALERATE * DEXAMETHASONE 17-VALERATE * DV-17

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T09 scu-rat TDLo:3 mg/kg (3D male) OYYAA2 23,961,82

TOXICITY DATA AND REFERENCES:
* skn-mus LD50:1784 mg/kg JZKEDZ 8,23,82
2F18U30 scu-mus LD50:238 mg/kg JZKEDZ 8,23,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4066000 PREGNA-1,4-DIENE-3,20-DIONE, 17-HYDROXY-
UPDT:8401 MW: 328.49 MOLFM: C21-H28-O3
SYN: 17-HYDROXYPREGNA-1,4-DIENE-3,20-DIONE * delta(sup 1,4)-PREGNADIENE-17-alpha-OL-3,20-DIONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T21T29 scu-rbt TDLo:20 mg/kg (1D pre) ACEDAB 73,3,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4067000 PREGNA-4,6-DIENE-3,20-DIONE, 17-HYDROXY-, ACETATE (ester)
UPDT:8401 MW: 354.53 MOLFM: C23-H30-O3
SYN: delta(sup 6)-DEHYDRO-17-ACETOXYPROGESTERONE * 17-HYDROXYPREGNA-4,6-DIENE-3,20-DIONE ACETATE (ester) * 17-HYDROXYPREGNA-4,6-DIENE-3,20-DIONE ACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T21T29 scu-rbt TDLo:25 ug/kg (1D pre) ACEDAB 73,3,63
1T29 scu-rbt TDLo:1 mg/kg (1D pre) 13OPAL -,37,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4075000 PREGNA-4,6-DIENE-3,20-DIONE, 17-HYDROXY-6-METHYL-, ACETATE
UPDT:8405 CAS: 595-33-5 MW: 384.56 MOLFM: C24-H32-O4
SYN: 17-alpha-ACETOXY-6-DEHYDRO-6-METHYLPROGESTERONE * 17-ACETOXY-6-METHYLPREGNA-4,6-DIENE-3,20-DIONE * 17-alpha-ACETOXY-6-METHYLPREGNA-4,6-DIENE-3,20-DIONE * 17-alpha-ACETOXY-6-METHYL-4,6-PREGNADIENE-3,20-DIONE * BDH 1298 * 6-DEHYDRO-6-METHYL-17-alpha-ACETOXYPROGESTERONE * DMAP * 17-HYDROXY-6-METHYLPREGNA-4,6-DIENE-3,20-DIONE ACETATE * MEGACE * MEGESTROL ACETATE * MEGESTRYL ACETATE * 6-METHYL-17-alpha-ACETOXYPREGNA-4,6-DIENE-3,20-DIONE * 6-METHYL-6-DEHYDRO-17-alpha-ACETOXYPROGESTERONE * 6-METHYL-6-DEHYDRO-17-alpha-ACETYLPROGESTERONE * 6-METHYL-17-alpha-HYDROXY-delta(sup 6)-PROGESTERONE ACETATE * 6-METHYL-delta(sup 4,6)-PREGNADIEN-17-alpha-OL-3,20-DIONE ACETATE * NSC-71423 * OVABAN * SC10363 * VOLIDAN

MUTATION DATA AND REFERENCES:
dns-mus-scu 200 mg/kg JOENAK 60,167,74
dni-mus-scu 200 mg/kg JOENAK 60,167,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-wmn TDLo:210 ug/kg (21D pre) PMESAJ 43(Suppl),45,67
1T22 orl-wmn TDLo:1825 ug/kg (52W pre) BMJOAE 2,730,69
1T14 orl-wmn TDLo:2430 ug/kg (34W pre) CCPTAY 6,361,72
1T12 orl-wmn TDLo:1820 ug/kg (26W pre) CCPTAY 7,503,73
1T22 imp-wmn TDLo:1800 ug/kg (30D pre) AJOGAH 105,1135,69
1T22 imp-wmn TDLo:1440 ug/kg (43W pre) AJOGAH 105,1139,69
2T14T22 imp-wmn TDLo:1440 ug/kg (40W pre) CCPTAY 18,411,78
1T14 imp-wmn TDLo:1840 ug/kg (43W pre) CCPTAY 2,313,70
2T02T03 orl-rat TDLo:1200 mg/kg (30D male) IJEBA6 3,213,65
3T22T24T25 orl-rat TDLo:2790 ug/kg (50W pre/1-22D preg) STEDAM 15,711,70
1T53 orl-rat TDLo:9 mg/kg (15-20D preg) JRPFA4 5,331,63
1T03 orl-rat TDLo:15 mg/kg (15D male) JRPFA4 5,331,63
1T13 orl-rat TDLo:15 mg/kg (15D pre) JRPFA4 5,331,63
2T26T29 scu-rat TDLo:140 mg/kg (1-7D preg) ACENA7 54,8,67
1T12 scu-rat TDLo:7 mg/kg (14D pre) CCPTAY 5,57,72

1T13	scu-rat TDLo:70 mg/kg (14D pre)	CCPTAY 5,57,72
1T29	scu-rat TDLo:14 mg/kg (14D pre)	CCPTAY 5,57,72
1T13	unk-rat TDLo:15 mg/kg (30D pre)	RPHRA6 20,395,64
1T13	orl-mus TDLo:3 mg/kg (3D pre)	JRPFA4 5,331,63
1T22	orl-dog TDLo:16800 ug/kg (21D pre)	JRPFA4 5,331,63
2T13T19	orl-mky TDLo:4600 ug/kg (23D pre)	JRPFA4 38,237,74
1T29	scu-mky TDLo:100 ug/kg (5D pre)	JRPFA4 25,99,71
1T22	orl-cat TDLo:2 mg/kg (1D pre)	JRPFA4 5,331,63
2T22T29	orl-rbt TDLo:150 ug/kg (3D pre)	BJPCBM 40,759,70
1T26	orl-rbt TDLo:37500 ng/kg (3D pre)	BJPCBM 40,759,70
1T29	orl-rbt TDLo:8 ug/kg (1D pre)	INJFA3 9,25,64
1T13	scu-rbt TDLo:50 ug/kg (5D pre)	ANREAK 142,469,62
1T14	ims-ctl TDLo:128 ug/kg (16D pre)	JRPFA4 18,193,69

TUMORIGENIC DATA AND REFERENCES:

3V01R60N21	orl-dog TDLo:256 mg/kg/7Y-C	JTEHD6 3,167,77
2V03R60	orl-dog TD :182 mg/kg/2Y-C	JAMAAP 219,1601,72

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:56 mg/kg	CSLNX* NX#00931

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CMROCX 4,309,76

★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 21,431,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4140000 PREGNA-4,6-DIENE-3,20-DIONE, 17-HYDROXY-6-METHYL-, ACETATE mixed with 19-NOR-17-alpha- PREGNA-1,3,5(10)-TRIEN-2-YNE-3,17-DIOL

UPDT:8405 CAS: 8064-66-2 MW: 681.00 MOLFM: C24-H32-O4 C20-H24-O2

SYN: ETHYNYLESTRADIOL-MAGESTROL ACETATE * ETHINYLESTRADIOL mixed with MEGESTROL ACETATE * KOMBIQUENS * MEGESTROL ACETATE mixed with ETHINYLOESTRADIOL * MEGETHINYL * MENOQUENS * NEODELPREGNIN * ORACONAL * SERIAL * TRI-ERVONUM * VOLDYS * VOLIDAN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-wmn TDLo:2430 ug/kg (30D pre)	BMJOAE 1,1318,63

TUMORIGENIC DATA AND REFERENCES:

3V01L60P05	orl-wmn TDLo:10584 ug/kg/2Y-I	LANCAO 1,273,80
2V01L60	orl-wmn TD :41 mg/kg/2Y-I	BMJOAE 4,496,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4140500 PREGNA-4,6-DIENE-3,20-DIONE, 17-HYDROXY-6-METHYL-, ACETATE, and TESTOSTERONE

UPDT:8305 MW: 673.03 MOLFM: C24-H32-O4 C19-H28-O2

SYN: MEGESTROL ACETATE and TESTOSTERONE * TESTOSTERONE and MEGESTROL ACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01	mul-man TDLo:9943 ug/kg (42D male)	CCPTAY 8,191,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4141000 PREGNA-4,6-DIENE-3,20-DIONE, 17-HYDROXY-6-METHYL-16-METHYLENE-, ACETATE

UPDT:8408 CAS: 2919-66-6 MW: 396.57 MOLFM: C25-H32-O4

SYN: BDH 1921 * 6-DEHYDRO-16-METHYLENE-6-METHYL-17-ACETOXYPROGESTERONE * MELENGESTROL ACETATE * MGA * MGA 100 * MGA 100 (STEROID) * PREGNA-4,6-DIENE-3,20-DIONE, 17-(ACETYLOXY)-6-METHYL-16-METHYLENE- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:40 mg/kg (10D male)	FESTAS 15,419,64
1T03	orl-rat TDLo:5 mg/kg (10D male)	FESTAS 15,419,64
2T12T13T14	orl-rat TDLo:7500 ug/kg (30D pre)	IJEBA6 9,138,71
1T15	orl-rat TDLo:7500 ug/kg (30D pre)	IJEBA6 9,138,71
3T16T26T35	scu-rat TDLo:490 ug/kg (7D pre/7-20D preg)	JDSCAE 61,1778,78
1T71	scu-rat TDLo:150 mg/kg (15-20D preg)	FESTAS 15,419,64
2T12T29	scu-rat TDLo:1400 ug/kg (14D pre)	CCPTAY 5,57,72
1T13	scu-rat TDLo:7 mg/kg (14D pre)	CCPTAY 5,57,72
1T13	par-rat TDLo:2500 ug/kg (10D pre)	IJEBA6 9,138,71
1T22	scu-rbt TDLo:120 ug/kg (12D pre)	PSEBAA 143,681,73
1T22	orl-ctl TDLo:30 ug/kg (2-16D preg)	JANSAG 30,433,70
1T81	orl-ctl TDLo:366 ug/kg (14-40W preg)	JANSAG 30,433,70
2T12T29	orl-ctl TDLo:16920 ug/kg (20W pre)	JANSAG 27,664,68
1T14	orl-ctl TDLo:4 ug/kg (16D pre)	JRPFA4 11,185,66
1T29	orl-ctl TDLo:8 ug/kg (16D pre)	JRPFA4 11,185,66
1T14	ivn-ctl TDLo:6400 ng/kg (16D pre)	JRPFA4 11,185,66
1T29	ivn-ctl TDLo:12800 ng/kg (16D pre)	JRPFA4 11,185,66
1T14	ims-ctl TDLo:16 ug/kg (16D pre)	JRPFA4 18,193,69
1T14	ivg-ctl TDLo:120 ug/kg (16D pre)	JRPFA4 18,193,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4143000 9-beta,10-alpha-PREGNA-4,6-DIENE-3,20-DIONE and 17-HYDROXYPREGN-4-ENE-3,20-DIONE HEXANOATE

UPDT:8303 MW: 741.16 MOLFM: C21-H28-O2 C27-H40-O4

SYN: DYDROGESTERONE and HYDROXYPROGESTERONE HEXANOATE * HYDROXYPROGESTERONE HEXANOATE and DYDROGESTERONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	mul-wmn TDLo:128 mg/kg (8-39W preg)	LANCAO 2,982,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4146000 PREGNA-1,4-DIENE-3,20-DIONE, 6-alpha-METHYL-11-beta-17,21-TRIHYDROXY-

UPDT:8303 CAS: 83-43-2 MW: 374.52 MOLFM: C22-H30-O5

SYN: MEDROL * MEDROL ADT PAK * MEDROL DOSEPAK * MEDRONE * delta(sup 1)-6-alpha METHYLHYDROCORTISONE * METHYLPREDNISOLONE * 6-alpha-METHYLPREDNISOLONE * METRISONE * NSC-19987 * PREDNISOLONE, METHYL- * PREGNA-1,4-DIENE-3,20-DIONE, 11-beta,17,21-TRIHYDROXY-6-alpha-METHYL- * 11-beta,17,21-TRIHYDROXY-6-alpha-METHYLPREGNA-1,4-DIENE-3,20-DIONE * 11-beta,17-alpha,21-TRIHYDROXY-6-alpha-METHYL-1,4-PREGNADIENE-3,20-DIONE * URBASON * URBASONE * WYACORT

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:2292 mg/kg	NIIRDN 6,832,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

TU4152000 PREGNA-1,4-DIENE-3,20-DIONE, 11-beta,17,21-TRIHYDROXY-

UPDT:8408 CAS: 50-24-8 MW: 360.49 MOLFM: C21-H28-O5

SYN: CODELCORTONE * CO-HYDELTRA * delta(sup 1)-CORTISOL * DECORTIN H * delta(sup 1)-DEHYDROCORTISOL * delta(sup 1)-DEHYDROHYDROCORTISONE * 1-DEHYDROHYDROCORTISONE * DELCORTOL * DELTA F * DELTA-CORTEF * DELTACORTENOL * DELTACORTRIL * DELTA-STAB * DEXA-CORTIDELT HOSTACORTIN H * DI-ADRESON F * DICORTOL * DYDELTRONE * FERNISOLONE * HOSTACORTIN * HYDELTRA * HYDELTRONE * delta(sup 1)-HYDROCORTISONE * HYDRODELTALONE * HYDRODELTISONE * HYDRORETROCORTIN * METACORTANDRALONE * METICORTELONE * METI-DERM * PARACORTOL * PARACOTOL * PRECORTANCYL * PRECORTISYL * PREDNE-DOME * PREDNELAN * PREDNIS * PREDNISOLONE * PREDONIN * PREDONINE * 1,4-PREGNADIENE-3,20-DIONE-11-beta,17-alpha,21-TRIOL * 1,4-PREGNADIENE-11-beta,17-alpha,21-TRIOL-3,20-DIONE * 1,4-PREGNADIEN-11-beta,17-alpha,21-TRIOL-3,20-DIONE * PRENOLONE * SCHERISOLON * STERANE * STEROLONE * 11-beta,17,21-TRIHYDROXYPREGNA-1,4-DIENE-3,20-DIONE * 11-beta,17-alpha,21-TRIHYDROXYPREGNA-1,4-DIENE-3,20-DIONE * 11-beta,17-alpha,21-TRIHYDROXY-1,4-PREGNADIENE-3,20-DIONE * ULACORT * ULTRACORTENE-H

MUTATION DATA AND REFERENCES:

	dni-hmn-unk 6300 ug/kg/8W	STBIBN 50,172,75
	dni-hmn:lym 1 mg/L	AJOGAH 127,151,77
	sce-hmn:lym 4560 ug/L	EJCODS 18,533,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T41T71T77	unk-wmn TDLo:36 mg/kg (1-40W preg)	LANCAO 1,117,68
1T35	unk-wmn TDLo:23 mg/kg (1-33W preg)	LANCAO 1,117,68
1T31	unk-wmn TDLo:25 mg/kg (1-35W preg)	LANCAO 1,117,68
2T25T31	orl-rat TDLo:250 mg/kg (5-15D preg)	AJOGAH 92,234,65
2T51T81	orl-rat TDLo:600 mg/kg (5-22D preg)	LAINAW 17,146,67
2T34T76	scu-rat TDLo:30 mg/kg (9-14D preg)	OYYAA2 8,705,74
2T46T81	scu-rat TDLo:7500 ug/kg (9-14D preg)	OYYAA2 8,705,74
1T48	unk-rat TDLo:900 mg/kg (10-15D preg)	AKGIAO 55(9),29,79
2T81T86	scu-mus TDLo:8 mg/kg (12-13D preg)	NTOTDY 4,289,82
3T25T34T43	scu-mus TDLo:100 mg/kg (11-14D preg)	SEIJBO 11,59,71
3T39T71T76	scu-mus TDLo:120 mg/kg (7-12D preg)	OYYAA2 8,705,74
2T85T86	scu-mus TDLo:4 mg/kg (12D preg)	NTOTDY 4,289,82
1T53	scu-mus TDLo:12 mg/kg (13-18D preg)	TJADAB 24,293,81
1T85	scu-mus TDLo:4 mg/kg (12D preg)	NTOTDY 4,289,82
1T25	ims-mus TDLo:100 mg/kg (10D preg)	TXAPA9 56,23,80
1T43	ims-mus TDLo:330 mg/kg (10D preg)	TXAPA9 56,23,80
1T43	ocu-mus TDLo:6 mg/kg (10-13D preg)	TJADAB 16,175,77
1T53	ocu-mus TDLo:60 mg/kg (10-13D preg)	TJADAB 16,175,77
2T34T43	ims-ham TDLo:56 mg/kg (11D preg)	JEEMAF 36,101,76

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:2000 mg/kg	ADTEAS 3,181,68
	scu-rat LD50:147 mg/kg	TXAPA9 8,250,66
*	ivn-rat LD50:120 mg/kg	PCJOAU 16,63,82
*	ivn-mus LD50:180 mg/kg	PCJOAU 16,63,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4152500 PREGNA-1,4-DIENE-3,20-DIONE, 11-beta,17,21-TRIHYDROXY-, 21-ACETATE

UPDT:8409 CAS: 52-21-1 MW: 402.53 MOLFM: C23-H30-O6

SYN: CORMALONE * CORTIPRED * DELTILEN * METICORTELONE ACETATE * NISOLONE * PREDIACORTINE * PREDICORT * PREDNELAN-N * PREDNIDOREN * PREDNISOLONE ACETATE * PREDNISOLONE 21-ACETATE * PREDONINE INJECTION * PREGNA-1,4-DIENE-3,20-DIONE, 21-(ACETYLOXY)-11,17-DIHYDROXY-, (11-beta)- (9CI) * PRENEMA * SUPERCORTYL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T27	orl-rat TDLo:1800 mg/kg (2-19D preg)	FESTAS 22,735,71
3T25T34T43	scu-mus TDLo:96 mg/kg (11D preg)	SEIJBO 13,245,73
2T25T43	ivn-mus TDLo:96 mg/kg (11-14D preg)	SEIJBO 13,245,73

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:3500 mg/kg	NIIRDN 6,713,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4153300 PREGNA-1,4-DIENE-3,20-DIONE, 11-beta,17,21-TRIHYDROXY-, 21-(DIHYDROGEN PHOSPHATE), DISODIUM SALT

UPDT:8406 CAS: 125-02-0 MW: 486.45 MOLFM: C21-H29-O8-P .2Na

SYN: CODELSOL * DISODIUM PREDNISOLONE 21-PHOSPHATE * HYDELTRASOL * INFLAMASE * OPTIVAL * PHORTISOLONE * PREDNESOL * PREDNISOLONE DISODIUM PHOSPHATE * PREDNISOLONE 21-PHOSPHATE DISODIUM * PREDNISOLONE SODIUM PHOSPHATE * PREDSOL * PREDSOLAN * PROZORIN * SODIUM PREDNISOLONE PHOSPHATE * SOLUCORT

TOXICITY DATA AND REFERENCES:

*	ivn-rbt LD50:360 mg/kg	CPBTAL 22,1439,74

TU4153500 PREGNA-1,4-DIENE-3,20-DIONE, 11-beta,17,21-TRIHYDROXY-, 21-(HYDROGEN SUCCINATE), MONOSODIUM SALT

UPDT:8409 CAS: 1715-33-9 MW: 482.55 MOLFM: C25-H31-O8 .Na

SYN: METICORTELANE * PREDNISOLONE SODIUM HEMISUCCINATE * PREDNISOLONE SODIUM SUCCINATE * PREDNISOLONE 21-SODIUM SUCCINATE * PREDNISOLONE 21-SUCCINATE SODIUM * PREDONINE SOLUBLE * SOLU-DECORTIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	scu-mus TDLo:96 mg/kg (11D preg)	SEIJBO 13,245,73
1T34	scu-mus TDLo:96 mg/kg (11-14D preg)	SEIJBO 13,245,73
2T25T43	ivn-mus TDLo:96 mg/kg (11-14D preg)	SEIJBO 13,245,73

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:770 mg/kg	PCJOAU 16,63,82
*	ivn-mus LD50:1125 mg/kg	PCJOAU 16,63,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGNA-1,4-DIENE-3,20-DIONE, 11-beta,17,21-TRIHYDROXY-6-alpha-METHYL- see: TU4146000

TU4154060 PREGNA-1,4-DIENE-3,20-DIONE, 11-beta,17,21-TRIHYDROXY-6-alpha-METHYL-, 21-(HYDROGEN SUCCINATE), MONOSODIUM SALT

UPDT:8406 CAS: 2375-03-3 MW: 497.59 MOLFM: C26-H34-O8 .Na

SYN: METHYLPREDNISOLONE SODIUM SUCCINATE * 6-alpha-METHYLPREDNISOLONE SODIUM SUCCINATE * MPS * SOLU-MEDROL * SOLU-MEDRONE * 11-beta,17,21-TRIHYDROXY-6-alpha-METHYL-1,4-PREGNADIENE-3,20-DIONE 21-(SODIUM SUCCINATE) * U 9088 * URBASON SOLUBILE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	ipr-rat TDLo:90 mg/kg (90D male)	OYYAA2 8,649,74
3T34T46T71	ipr-rat TDLo:240 mg/kg (15-22D preg)	OYYAA2 16,203,78
1T72	ipr-rat TDLo:80 mg/kg (15-22D preg)	OYYAA2 16,203,78
3T29T35T46	ipr-rat TDLo:690 mg/kg (61D pre/1-8D preg)	OYYAA2 16,193,78
2T31T34	ipr-rat TDLo:2070 mg/kg (61D pre/1-8D preg)	OYYAA2 16,193,78
1T12	ipr-rat TDLo:1800 mg/kg (30D pre)	OYYAA2 14,127,77
2T25T41	ims-mus TDLo:330 mg/kg (10D preg)	TXAPA9 56,23,80

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:640 mg/kg	IYKEDH 11,181,80
*	scu-rat LD50:750 mg/kg	IYKEDH 11,181,80
*	ivn-rat LD50:640 mg/kg	IYKEDH 11,181,80
*	ipr-mus LD50:880 mg/kg	NIIRDN 6,833,82
2H05J16	scu-mus LD50:860 mg/kg	OYYAA2 8,633,74
*	ivn-mus LD50:750 mg/kg	IYKEDH 11,181,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,4-PREGNADIENE-3,20-DIONE-11-beta,17-alpha,21-TRIOL see: TU4152000

delta(sup 1,4)-PREGNADIENE-17-alpha-OL-3,20-DIONE see: TU4066000

1,4-PREGNADIENE-11-beta,17-alpha,21-TRIOL-3,20-DIONE see: TU4152000

TU4154079 PREGNA-3,6-DIENE-3,17,20-TRIOL, TRIACETATE

UPDT:8401 MW: 456.63 MOLFM: C27-H36-O6

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	orl-rbt TDLo:200 ug/kg (1D pre)	13OPAL -,37,61
1T29	scu-rbt TDLo:8 ug/kg (1D pre)	13OPAL -,37,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4154081 PREGNA-4,6-DIENE-3,11,20-TRIONE

UPDT:8302 MW: 326.47 MOLFM: C21-H26-O3

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	unk-rat TDLo:150 mg/kg (30D pre)	RPHRA6 20,395,64

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4154083 PREGNA-1,4-DIENE-3,11,20-TRIONE, 21-CHLORO-9-FLUORO-17-HYDROXY-16-beta-METHYL-, BUTYRATE
UPDT:8408 CAS: 25122-57-0 MW: 479.03 MOLFM: C26-H32-Cl-F-O5
SYN: 21-CHLORO-9-FLUORO-17-HYDROXY-16-beta-METHYLPREGNA-1,4-DIENE-3,11,20-TRIONE BUTYRATE * CLOBETASONE BUTYRATE * CLOBETASONE 17-BUTYRATE * EUMOVATE * MOLIVATE * PREGNA-1,4-DIENE-3,11,20-TRIONE, 21-CHLORO-9-FLUORO-16-METHYL-17-(1-OXOBUTOXY)-, (16-beta)- * SN 203

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T34	skn-rat TDLo:11 gm/kg (7-17D preg)	SKIZAB 36,91,80
3T12T13T34	scu-rat TDLo:11 mg/kg (7-17D preg)	KSRNAM 14,343,80
3T45T49T51	scu-rat TDLo:11 mg/kg (7-17D preg)	KSRNAM 14,343,80
1T31	scu-rat TDLo:3300 ug/kg (7-17D preg)	KSRNAM 14,343,80
1T81	scu-rat TDLo:3 mg/kg (17-22D preg/4D post)	KSRNAM 14,359,80
2T13T34	scu-rbt TDLo:780 ug/kg (6-18D preg)	KSRNAM 14,373,80
1T29	scu-rbt TDLo:390 ug/kg (6-18D preg)	KSRNAM 14,373,80
1T46	scu-rbt TDLo:97500 ng/kg (6-18D preg)	KSRNAM 14,373,80

TOXICITY DATA AND REFERENCES:

3N30P27P30	ipr-rat LD50:1510 mg/kg	JTSCDR 5,45,80
*	ipr-mus LD50:500 mg/kg	IYKEDH 14,838,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGNA-1,4-DIENE-3,11,20-TRIONE, 21-CHLORO-9-FLUORO-16-METHYL-17-(1-OXOBUTOXY)-, (16-beta)- see: TU4154083

TU4154100 PREGNA-1,4-DIENE-3,11,20-TRIONE, 17,21-HYDROXY-
UPDT:8405 CAS: 53-03-2 MW: 358.47 MOLFM: C21-H26-O5
SYN: ANCORTONE * BICORTONE * COLISONE * CORTANCYL * delta(sup 1)-CORTISONE * DACORTIN * DECORTANCYL * DECORTIN * DECORTISYL * 1-DEHYDROCORTISONE * DEKORTIN * DELTA CORTELAN * DELTACORTISONE * DELTACORTONE * DELTA-DOME * DELTA E * DELTASONE * DELTISONE * DELTRA * DI-ADRESON * 17,21-DIHYDROXYPREGNA-1,4-DIENE-3,11,20-TRIONE * ENCORTONE * ENKORTON * HOSTACORTIN * METACORTANDRACIN * METICORTEN * NCI-C04897 * NSC 10023 * ORASONE * PARACORT * PREDNISONE * 1,4-PREGNADIENE-17-alpha,21-DIOL-3,11,20-TRIONE * SERVISONE * SK-PREDNISONE * SUPERCORTIL * ULTRACORTEN * ULTRACORTENE * ZENADRID

MUTATION DATA AND REFERENCES:

	mmo-sat 3333 ug/plate	NTPTB* JAN 82
	mmo-sat 333 ug/plate	ENMUDM 5(Suppl 1),3,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T81T85	scu-mus TDLo:24 mg/kg (13-18D preg)	PBBHAU 12,213,80

TUMORIGENIC DATA AND REFERENCES:

3V03N60R60	ipr-rat TDLo:860 mg/kg/26W-I	CANCAR 40,1935,77

TOXICITY DATA AND REFERENCES:

2P01R03	unk-wmn TDLo:113 mg/kg	JAMAAP 243,1260,80
1F17	ipr-mus LDLo:800 mg/kg	CNREA8 42,122,82
*	ims-mus LD50:600 mg/kg	CNREA8 42,122,82

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARVPAX 5,447,65; CTOXAO 17,85,80
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 26,293,81
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 26,293,81

STATUS:
★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (RRCRBU 52,1,75)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4154500 PREGNA-4,17-DIEN-21-OIC ACID, 20-CYANO-3-OXO-, ETHYL ESTER
UPDT:8401 MW: 381.56 MOLFM: C24-H31-N-O3
SYN: 20-CYANO-3-OXOPREGNA-4,17-DIEN-21-OIC ACID ETHYL ESTER

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	orl-rbt TDLo:5 mg/kg (1D pre)	13OPAL -,37,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4157052 5'-beta-H-PREGNA-1,4-DIENO(17,16-d)OXAZOLE-3,20-DIONE, 9-FLUORO-11-beta,21-DIHYDROXY- 2'-METHYL-, 21-ACETATE
UPDT:8412 CAS: 19888-56-3 MW: 459.56 MOLFM: C25-H30-F-N-O6

TOXICITY DATA AND REFERENCES:

*	scu-rat LD50:580 mg/kg	MEIEDD 10,589,83

1,4-PREGNADIEN-11-beta,17-alpha,21-TRIOL-3,20-DIONE see: TU4152000

PREGNA-2,4-DIEN-20-YNO(2,3-d)ISOXAZOL-17-OL, (17-alpha)- (9CI) see: TU4157070

TU4157070 17-alpha-PREGNA-2,4-DIEN-20-YNU(2,3-d)ISOXAZOL-17-OL
UPDT:8408 CAS: 17230-88-5 MW: 337.50 MOLFM: C22-H27-N-O2
SYN: DANAZOL * DANOCRINE * DANOL * PREGNA-2,4-DIEN-20-YNO(2,3-d)ISOXAZOL-17-OL, (17-alpha)- (9CI) * 17-alpha-2,4-PREGNADIEN-20-YNO(2,3-d)ISOXAZOL-17-OL * 17-alpha-PREGN-4-EN-20-YNO(2,3-d)ISOXAZOL-17-OL * WIN 17757

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T19	orl-wmn TDLo:120 mg/kg (30D pre)	INJFA3 25,75,80
2T01T04	orl-man TDLo:1028 mg/kg (17W male)	CCPTAY 7,357,73
1T22	orl-wmn TDLo:16 ug/kg (5D preg)	CCPTAY 27,39,83
2T14T29	orl-wmn TDLo:90 mg/kg (90D pre)	JRPMAP 17,98,76
1T09	orl-man TDLo:430 mg/kg (21W male)	JCEMAZ 32,522,71
2T22T24	orl-rat TDLo:600 mg/kg (6D pre)	JIMRBV 5(Suppl 3),1,77
1T03	orl-rat TDLo:462 mg/kg (14D male)	FESTAS 25,367,74
1T12	orl-rat TDLo:5600 mg/kg (14D pre)	JIMRBV 5(Suppl 3),1,77
1T02	orl-rat TDLo:1400 mg/kg (14D male)	FESTAS 25,367,74
1T13	orl-rat TDLo:37500 ug/kg (3D pre)	FESTAS 25,367,74
2T02T03	scu-rat TDLo:56 mg/kg (14D male)	FESTAS 22,9,71
2T12T13	scu-rat TDLo:140 mg/kg (14D pre)	FESTAS 22,9,71
2T02T03	scu-mus TDLo:880 mg/kg (22D male)	FESTAS 26,68,75
2T12T13	scu-mus TDLo:3 gm/kg (15D pre)	AEFTAA 7,243,76
2T01T02	scu-dog TDLo:600 mg/kg (30D male)	AEFTAA 8,167,77
1T02	itt-dog TDLo:18 mg/kg (1D male)	IJEBA6 17,937,79
1T22	orl-mky TDLo:1800 mg/kg (90D pre)	JIMRBV 5(Suppl 3),1,77
1T14	orl-mky TDLo:3600 mg/kg (90D pre)	JIMRBV 5(Suppl 3),1,77
2T02T03	scu-grb TDLo:880 mg/kg (22D male)	JRPFA4 61,217,81

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:6770 mg/kg	IYKEDH 14,484,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

17-alpha-2,4-PREGNADIEN-20-YNO(2,3-d)ISOXAZOL-17-OL see: TU4157070

TU4157072 17-alpha-PREGNA-2,4-DIEN-20-YNO(2,3-d)ISOXAZOL-17-OL, and 17-beta-HYDROXY-17-METHYLANDROST- 4-EN-3-ONE
UPDT:8305 MW: 641.01 MOLFM: C22-H28-N-O2 C20-H30-O2
SYN: DANAZOL and METHYLTESTOSTERONE * METHYLTESTOSTERONE and DANAZOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01	unk-man TDLo:750 mg/kg (84D male)	CCPTAY 12,437,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4157074 17-alpha-PREGNA-2,4-DIEN-20-YNO(2,3-d)ISOXAZOL-17-OL, and TESTOSTERONE HEPTANOATE
UPDT:8305 MW: 716.10 MOLFM: C22-H22-N-O C26-H39-O3
SYN: DANAZOL and TESTOSTERONE ENANTHATE * TESTOSTERONE ENANTHATE and DANAZOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01	unk-man TDLo:489 mg/kg (84D male)	CCPTAY 12,437,75
1T01	mul-man TDLo:1040 mg/kg (17W male)	CCPTAY 7,357,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4157077 17-alpha-PREGNA-2,4-DIEN-20-YNO(2,3-d)ISOXAZOL-17-OL, and TESTOSTERONE PROPIONATE
UPDT:8305 MW: 683.05 MOLFM: C22-H29-N-O2 C22-H31-O3
SYN: DANAZOL and TESTOSTERONE PROPIONATE * TESTOSTERONE PROPIONATE and DANAZOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01	mul-man TDLo:1036 mg/kg (17W male)	CCPTAY 7,357,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGNAN-3-alpha,17-alpha-DIOL-20-ONE see: TU4379000

TU4157140 PREGNANE-3,20-DIONE
UPDT:8401 MW: 316.53 MOLFM: C21-H32-O2
SYN: DIHYDROPROGESTERONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	unk-wmn TDLo:2200 ug/kg (30-40D preg)	MJAUAJ 2,232,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4157150 5-beta-PREGNANE-3,20-DIONE
UPDT:8405 CAS: 566-65-4 MW: 316.53 MOLFM: C21-H32-O2

TOXICITY DATA AND REFERENCES:

	ipr-mus LDLo:80 mg/kg	JMCMAR 11,117,68
	ivn-mus LDLo:10 mg/kg	JMCMAR 11,117,68

TU4157175 5-alpha-PREGNANE-11,20-DIONE, 3-alpha,21-DIHYDROXY-
UPDT:8308 CAS: 14107-37-0 MW: 348.53 MOLFM: C21-H32-O4
SYN: ALFADOLONE * ALPHADOLONE * 3-alpha,21-DIHYDROXY-5-alpha-PREGNANE-11,20-DIONE

TOXICITY DATA AND REFERENCES:

3G30J24J30	ivn-mus LD50:59 mg/kg	JEMAAJ 62,191,79

TU4157177 PREGNANE-3,20-DIONE, 6-beta,16-alpha-DIMETHYL-5-alpha-HYDROXY-
UPDT:8412 MW: 360.59 MOLFM: C23-H36-O3

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	scu-mus TDLo:1200 ug/kg (1D pre)	85GRAA -,150,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGNANE-11,20-DIONE, 3-HYDROXY-, (3-alpha,5-alpha)- (9CI) see: TU4157190

TU4157190 5-alpha-PREGNANE-11,20-DIONE, 3-alpha-HYDROXY-
UPDT:8412 CAS: 23930-19-0 MW: 332.53 MOLFM: C21-H32-O3
SYN: ALFAXALONE * ALPHAXALONE * GR 2/234 * 3-alpha-HYDROXY-5-alpha-PREGNANE-11,20-DIONE * 3-HYDROXYPREGNANE-11,20-DIONE * PREGNANE-11,20-DIONE, 3-HYDROXY-, (3-alpha,5-alpha)- (9CI)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:297 mg/kg	IYKEDH 8,680,77
*	ipr-rat LD50:116 mg/kg	IYKEDH 8,680,77
*	ivn-rat LD50:20280 ug/kg	IYKEDH 8,680,77
*	orl-mus LD50:900 mg/kg	IYKEDH 8,680,77
*	ipr-mus LD50:430 mg/kg	IYKEDH 8,680,77
*	scu-mus LD50:5220 mg/kg	IYKEDH 8,680,77
3G30J24J30	ivn-mus LD50:43 mg/kg	JEMAAJ 62,191,79
*	ivn-rbt LD50:9360 ug/kg	IYKEDH 8,680,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4157230 5-alpha-PREGNANE-11,20-DIONE, 3-alpha-HYDROXY- mixed with 3-alpha,21-DIHYDROXY-5-alpha- PREGNANE-11,20-DIONE 21-ACETATE (3:1)
UPDT:8308 CAS: 8067-82-1 MW: 723.10 MOLFM: C23-H34-O5 C21-H32-O3
SYN: ALFADIONE * ALFATESINE (French) * ALPHADIONE * ALTHESIN * CT-1341 * SAFFAN

TOXICITY DATA AND REFERENCES:

	ivn-wmn LDLo:125 mg/kg	PRACAK 222,249,79
	ipr-rat LD50:79 mg/kg	THERAP 32,375,77
3G30J24J30	ipr-mus LD50:140 mg/kg	JEMAAJ 62,191,79
3G30J24J30	ivn-mus LD50:47 mg/kg	JEMAAJ 62,191,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4157250 5-beta-PREGNANE-3,20-DIONE, 21-HYDROXY-, SODIUM HEMISUCCINATE
UPDT:8305 CAS: 53-10-1 MW: 455.60 MOLFM: C25-H36-O6 Na
SYN: 21-(3-CARBOXY-1-OXOPROPOXY)-5-beta-PREGNANE-3,20-DIONE SODIUM SALT * HYDROXYDIONE * HYDROXYDIONE SUCCINATE * 21-HYDROXYPREGNANE-3,20-DIONE SODIUM HEMISUCCINATE * 21-HYDROXY-5-beta-PREGNANE-3,20-DIONE, SODIUM SALT, HEMISUCCINATE * PRESUREN * SUCCINATE SODIQUE de 21-HYDROXYPREGNANDIONE (French) * VIADRIL

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:190 mg/kg	THERAP 32,375,77
	ipr-mus LDLo:640 mg/kg	JMCMAR 11,117,68
*	scu-mus LD50:310 mg/kg	AIPTAK 107,159,56
	ivn-mus LDLo:160 mg/kg	JMCMAR 11,117,68

TU4195000 5-alpha-PREGNAN-3-beta-OL, 20-(N-ACETYLHYDRAZINO)-
UPDT:8401 MW: 376.65 MOLFM: C23-H40-N2-O2
SYN: ALLOPREGNAN-3-beta-OL 20-N-ACETYLHYDRAZINE * 20-(N-ACETYLHYDRAZINO)-5-alpha-PREGNAN-3-beta-OL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:500 ug/kg (1D pre)	ACEDAB 73,3,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4200000 5-alpha-PREGNAN-20-alpha-OL, 3-alpha-AMINO-
UPDT:8402 CAS: 474-44-2 MW: 319.59 MOLFM: C21-H37-N-O
SYN: 3-alpha-AMINOALLOPREGNAN-20-OL * 3-alpha-AMINO-5-alpha-PREGNAN-20-alpha-OL * FUNTUMIDINE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:21 mg/kg	85ESA3 9,553,76
*	ivn-gpg LDLo:39 mg/kg	APFRAD 18,177,60

TU4330000 5-alpha-PREGNAN-3-beta-OL, 20-(N-NICOTINYLHYDRAZINO)-
UPDT:8401 MW: 439.71 MOLFM: C27-H41-N3-O2
SYN: ALLOPREGNAN-3-beta-OL-20-NICOTINYLHYDRAZINE * 20-(N-NICOTINYLHYDRAZINO)-5-alpha-PREGNAN-3-beta-OL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T21T29	scu-rbt TDLo:7500 ug/kg (1D pre)	ACEDAB 73,3,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4375000 5-alpha-PREGNAN-20-ONE, 3-alpha-AMINO-
UPDT:8405 CAS: 474-45-3 MW: 317.57 MOLFM: C21-H35-N-O
SYN: 3-alpha-AMINO-20-OXO-5-alpha-PREGNANE * 3-alpha-AMINO-5-alpha-PREGNAN-20-ONE * FUNTUMINE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:30 mg/kg	CHDDAT 274,2830,72
*	ivn-gpg LDLo:64 mg/kg	APFRAD 18,177,60

TU4379000 PREGNAN-20-ONE, 3-alpha,17-DIHYDROXY-
UPDT:8401 MW: 336.57 MOLFM: C21-H36-O3
SYN: 3-alpha,17-DIHYDROXYPREGNAN-20-ONE * PREGNAN-3-alpha,17-alpha-DIOL-20-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:5 mg/kg (1D pre)	ACEDAB 73,3,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4379500 5-alpha-PREGNAN-20-ONE, 3-beta,17-beta-DIHYDROXY-
UPDT:8401 MW: 323.44 MOLFM: C21-H23-O3

SYN: ALLOPREGNAN-3-beta,17-alpha-DIOL-20-ONE * 3-beta,17-beta-DIHYDROXY-5-alpha-PREGNAN-20-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T21T29	scu-rbt TDLo:5 mg/kg (1D pre)	ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4384200 5-alpha-PREGNAN-20-ONE, 3-beta-HYDROXY-, 20-ISONICOTINYLHYDRAZONE

UPDT:8412 MW: 436.68 MOLFM: C27-H38-N3-O2

SYN: ALLOPREGNAN-3-beta-OL-20-ISONICOTINYLHYDRAZONE * 3-beta-HYDROXY-5-alpha-PREGNAN-20-ONE 20-ISONICOTINYLHYDRAZONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T21T29	orl-rbt TDLo:10 mg/kg (1D pre)	ACEDAB 73,17,63
1T29	scu-rbt TDLo:1250 ug/kg (1D pre)	ACEDAB 73,3,63
1T21	scu-rbt TDLo:2500 ug/kg (1D pre)	ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4384300 PREGNAN-20-ONE, 3-HYDROXY-16-alpha-METHOXY-

UPDT:8401 MW: 335.56 MOLFM: C21-H35-O1

SYN: 3-HYDROXY-16-alpha-METHOXYPREGNAN-20-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:5 mg/kg (1D pre)	13OPAL -,37,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4385000 5-alpha-PREGNAN-20-ONE, 3-beta-HYDROXY-21-(METHYLENEPIPERIDINO)-

UPDT:8401 MW: 413.71 MOLFM: C27-H43-N-O2

SYN: 3-beta-HYDROXY-21-(METHYLENEPIPERIDINO)-5-alpha-PREGNAN-20-ONE * 21-METHYLENE-N-PIPERIDYL-ALLOPREGNAN-3-beta-OL-20-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:500 ug/kg (1D pre)	ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4386000 5-alpha-PREGNAN-20-ONE, 3-beta-HYDROXY-, 20-NICOTINYLHYDRAZONE

UPDT:8401 MW: 436.68 MOLFM: C27-H38-N3-O2

SYN: ALLOPREGNAN-3-beta-OL-20-NICOTINYLHYDRAZONE * 3-beta-HYDROXY-5-alpha-PREGNAN-20-ONE, 20-NICOTINYLHYDRAZONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:500 ug/kg (1D pre)	ACEDAB 73,3,63
1T21	scu-rbt TDLo:7500 ug/kg (1D pre)	ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4517000 PREGNANT MARE SERUM GONADOTROPIN

DEF Glycoprotein found in blood of pregnant mares which stimulates the growth of the ovarianfollicles and the formation of the corpus luteum (85ESA3 9,980,76)

UPDT:8408

SYN: ANTERON * ANTEX-490 * ANTOSTAB * ELEAGOL * EQUINE CYONIN * EQUINE GONADOTROPHIN * EQUINE GONADOTROPIN * GESTYL * GONADOTRAPHON FSH * GONADYL * GORMAN * LOBULANTINA * PMS * PMSG * PREDALON-S * PRIATIN * PRIMANTRON * SERAGON * SERAGONIN * SEROGAN * SEROTROPIN * SERUM GONADOTROPHIN * SERUM GONADOTROPIC HORMONE * SERUM GONADOTROPIN

MUTATION DATA AND REFERENCES:

	cyt-mus-ipr 750 ug/kg	JRPFA4 50,275,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	ipr-rat TDLo:188 mg/kg (1-3D preg)	ENDOAO 83,217,68
1T24	ipr-rat TDLo:188 mg/kg (5-7D preg)	ENDOAO 83,217,68
1T35	ipr-rat TDLo:11700 ug/kg (5-7D preg)	ENDOAO 83,217,68
1T16	scu-rat TDLo:18750 ug/kg (1D pre)	BIREBV 1,387,69
1T27	scu-rat TDLo:37500 ug/kg (18D preg)	FESTAS 29,640,78
2T25T29	scu-rat TDLo:12500 ug/kg (5D preg)	ACENA7 83,506,76
2T12T13	scu-rat TDLo:50 mg/kg (1D pre)	ENDOAO 63,135,58
2T31T34	scu-rat TDLo:10 mg/kg (1D pre)	BIREBV 25,253,81
1T22	scu-rat TDLo:12500 ug/kg (2D preg)	BIREBV 7,254,72
2T12T13	ims-rat TDLo:453 mg/kg (7D pre)	AIPTAK 99,97,54
1T22	scu-mus TDLo:10 mg/kg (2D preg)	BIREBV 7,254,72
3T35T43T46	scu-mus TDLo:1 gm/kg (1D pre)	OFAJAE 31,195,58
2T25T27	scu-mus TDLo:50 mg/kg (8-11D preg)	IRLCDZ 8,117,80
2T16T17	scu-mus TDLo:50 mg/kg (12-15D preg)	IRLCDZ 8,117,80
1T24	scu-mus TDLo:50 mg/kg (3D preg)	BIREBV 7,254,72
1T35	ipr-ham TDLo:37500 ug/kg (4-6D preg)	ENDOAO 83,217,68
1T24	ipr-ham TDLo:300 mg/kg (1-3D preg)	ENDOAO 83,217,68

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4521000 PREGNA-1,4,6-TRIENE-3,20-DIONE, 6-CHLORO-17-alpha-HYDROXY-, ACETATE (ester)

UPDT:8412 MW: 368.51 MOLFM: C23-H28-O4

SYN: 6-CHLORO-delta(sup 1,6)-BIS-DEHYDRO-17-alpha-ACETOXYPROGESTERONE * 6-CHLORO-17-alpha-HYDROXYPREGNA-1,4,6-TRIENE-3,20-DIONE ACETATE (ester)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	scu-mus TDLo:2 mg/kg (1D pre)	85GRAA -,150,65
2T21T29	orl-rbt TDLo:300 ug/kg (1D pre)	ACEDAB 73,17,63
1T29	scu-rbt TDLo:5 ug/kg (1D pre)	ACEDAB 73,3,63
1T21	scu-rbt TDLo:15 ug/kg (1D pre)	ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4523000 PREGN-4-EN-18-AL, 11,21-DIHYDROXY-3,20-DIOXO-, (11-beta)-

UPDT:8303 CAS: 52-39-1 MW: 360.49 MOLFM: C21-H28-O5

SYN: ALDOCORTEN * ALDOCORTENE * ALDOCORTIN * ALDOSTERONE (8CI) * (+)-ALDOSTERONE * d-ALDOSTERONE * ELECTROCORTIN * ELEKTROCORTIN * 18-OXOCORTICOSTERONE * REICHSTEIN X

MUTATION DATA AND REFERENCES:

	dnd-rat-ivn 23 mg/kg	PSEBAA 141,14,72
	dns-rat-ipr 23 mg/kg	PSEBAA 141,14,72

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

PREGN-4-EN-17alpha,21-DIOL-3,11,20-TRIONE see: GM9020000

3,20-PREGNENE-4 see: TW0175000

TU4550000 17-alpha-PREGN-5-ENE-16-beta-CARBOXAMIDE, N,N-DIETHYL-3-beta-HYDROXY-20-OXO-

UPDT:8401 MW: 457.72 MOLFM: C28-H43-N-O4

SYN: 16-beta-N-DIETHYLCARBOXAMIDE-3-beta-ACETOXY-delta(sup 5)-(17-alpha)-ISOPREGNENE-20-ONE * N,N-DIETHYL-3-beta-HYDROXY-20-OXO-17-alpha-PREGN-5-ENE-16-beta-CARBOXAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:150 ug/kg (1D pre)	ACEDAB 73,3,63
1T21	scu-rbt TDLo:500 ug/kg (1D pre)	ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4560000 17-alpha-PREGN-4-ENE-16-beta-CARBOXAMIDE, 3,20-DIOXO-

UPDT:8401 MW: 357.54 MOLFM: C22-H31-N-O3

SYN: 16-beta-CARBOXAMIDE-(17-alpha)-ISOPROGESTERONE * 3,20-DIOXO-17-alpha-PREGN-4-ENE-16-beta-CARBOXAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:100 ug/kg (1D pre)	ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4570000 17-alpha-PREGN-5-ENE-16-beta-CARBOXAMIDE, 3-beta-HYDROXY-20-OXO-, ACETATE (ester)

UPDT:8412 MW: 400.59 MOLFM: C24-H34-N-O4

SYN: 16-beta-CARBOXAMIDE-3-beta-ACETOXY-delta(sup 5)-(17-alpha)-ISOPREGNENE-20-ONE * 3-beta-HYDROXY-20-OXO-17-alpha-PREGN-5-ENE-16-beta-CARBOXAMIDE ACETATE (ester)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	orl-rbt TDLo:500 ug/kg (1D pre)	ACEDAB 73,17,63
1T21	orl-rbt TDLo:1 mg/kg (1D pre)	ACEDAB 73,17,63
1T29	scu-rbt TDLo:100 ug/kg (1D pre)	ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4600000 PREGN-6-ENE-20-CARBOXYLIC ACID, 3-beta-ACETOXY

UPDT:8401 MW: 388.60 MOLFM: C24-H36-O4

SYN: 3-beta-ACETOXY-BISNOR-delta(sup 5) CHOLENIC ACID * 3-beta-ACETOXYPREGN-6-ENE-20-CARBOXYLIC ACID

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-mus TDLo:200 mg/kg/90D-I	NATUAS 209,1026,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4650000 17-alpha-PREGN-4-ENE-21-CARBOXYLIC ACID, 9-FLUORO-11-beta,17-DIHYDROXY-3-OXO-, MONOPOTASSIUM SALT

UPDT:8302 CAS: 595-57-3 MW: 433.63 MOLFM: C22-H31-F-O5.K

SYN: CATATOXIC STEROID NO. 1 * CS-1 * 9-alpha-FLUORO-11-beta,17-DIHYDROXY-3-OXO-4-ANDROSTENE-17-alpha-PROPIONIC ACID POTASSIUM * SC 11927 * SU 11927

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T27	orl-rat TDLo:1 gm/kg (4-8D preg)	FESTAS 22,735,71
3T16T24T72	orl-rat TDLo:1 gm/kg (3-7D preg)	JRPFA4 37,257,74
1T29	orl-rat TDLo:1 gm/kg (3-7D preg)	JRPFA4 37,257,74
2T27T34	orl-rat TDLo:500 mg/kg (3-7D preg)	JRPFA4 37,257,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

17-alpha-PREGN-4-ENE-21-CARBOXYLIC ACID, 1-HYDROXY-7-alpha-MERCAPTO-3-OXO-alpha-LACTONE see: TU4725000

TU4725000 17-alpha-PREGN-4-ENE-21-CARBOXYLIC ACID, 17-HYDROXY-7-alpha-MERCAPTO-3-OXO-, gamma-LACTONE ACETATE

UPDT:8405 CAS: 52-01-7 MW: 416.62 MOLFM: C24-H32-O4-S

SYN: 7-alpha-ACETYLTHIO-3-OXO-17-alpha-PREGN-4-ENE-21,17-beta-CARBOLACTONE * 7-alpha-ACETYLTHIO-3-OXO-17-beta-PREGN-4-ENE-21,17-beta-CARBOLACTONE * ALDACTAZIDE * ALDACTIDE * ALDACTONE * ALDACTONE A * 3-(3-KETO-7-alpha-ACETYLTHIO-17-beta-HYDROXY-4-ANDROSTEN-17-alpha-YL)PROPIONIC ACID LACTONE * OSIREN * OSYROL * 3-(3-OXO-7-alpha-ACETYLTHIO-17-beta-HYDROXYANDROST-4-EN-17-beta-YL)PROPIONIC ACID LACTONE * 17-alpha-PREGN-4-ENE-21-CARBOXYLIC ACID, 1-HYDROXY-7-alpha-MERCAPTO-3-OXO-alpha-LACTONE * SC 9420 * SC 15983 * SPIRESIS * SPIRIDON * SPIROCTANIE * SPIRO(17H-CYCLOPENTA(a)PHENANTHRENE-17,2'(5'H)FURAN), PREGN-4-ENE-21-CARBOXYLIC ACID DERIV * SPIRO(17H-CYCLOPENTA(a)PHENANTHRENE-17,2'-(3'H) FURAN) * SPIROLACTONE * SPIROLAKTON * SPIROLANG * SPIRONE * SPIRONOLACTONE * SPIRONOLACTONE A * URACTONE * VEROSPIRON * VEROSPIRONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T04T05	orl-man TDLo:1208 mg/kg (47W male)	BMJOAE 2,729,72
1T14	orl-wmn TDLo:1692 mg/kg (47W pre)	BMJOAE 2,729,72
1T09	orl-man TDLo:28570 ug/kg (5D male)	JCEMAZ 41,777,75
2T05T09	unk-man TDLo:180 mg/kg (12W male)	CLREAS 24,279A,76
2T14T19	unk-wmn TDLo:252 mg/kg (12W pre)	CLREAS 24,279A,76
1T04	unk-man TDLo:85700 ug/kg (60D male)	JAMAAP 223,82,73
1T05	unk-man TDLo:171 mg/kg (17W male)	JAMAAP 223,82,73
2T14T15	unk-wmn TDLo:280 mg/kg (35D pre)	AIMEAS 69,685,68
2T04T05	unk-man TDLo:200 mg/kg (35D male)	AIMEAS 69,685,68
1T14	unk-wmn TDLo:60 mg/kg (30D pre)	JAMAAP 211,2014,70
2T25T27	orl-rat TDLo:1 gm/kg (9-13D preg)	FESTAS 22,735,71
1T53	orl-rat TDLo:360 mg/kg (13-21D preg)	ACENA7 95,540,80
2T12T19	ipr-rat TDLo:2500 mg/kg (25D pre)	TXAPA9 66,221,82
1T14	ipr-rat TDLo:700 mg/kg (7D pre)	TXAPA9 66,221,82
1T01	scu-rat TDLo:40 mg/kg (4D male)	BIREBV 27,771,82
2T22T24	ipr-mus TDLo:2 gm/kg (14D pre/1-6D preg)	TXAPA9 66,221,82

TOXICITY DATA AND REFERENCES:

3M10U05U07	orl-hmn TDLo:5600 mg/kg	JLCMAK 80,224,72
*	ipr-rat LD50:277 mg/kg	NIIRDN 6,381,82
*	ipr-mus LD50:260 mg/kg	NIIRDN 6,381,82
	ipr-rbt LD50:866 mg/kg	JEPTDQ 1,641,78

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AIMEAS 85,630,76; BIREBV 8,259,73

★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 24,259,80

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 24,259,80

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU4810000 17-alpha-PREGN-4-ENE-21-CARBOXYLIC ACID, 17-HYDROXY-3-OXO-, gamma-LACTONE

UPDT:8306 CAS: 976-70-5 MW: 342.52 MOLFM: C22-H30-O3

SYN: omega-(3-OXO-17-beta-HYDROXY-4-ANDROSTEN-17-alpha-YL) PROPIONIC ACID LACTONE * 3-(3-OXO-17-beta-HYDROXY-4-ANDROXTEN-17-alpha-YL)PROPIONIC ACID gamma-LACTONE * SC 5233 * SPIROLACTONE * 20-SPIROX-4-ENE-3,20-DIONE

TOXICITY DATA AND REFERENCES:

	ipr-rat LDLo:700 mg/kg	JPETAB 126,123,59
	ipr-mus LD50:490 mg/kg	JPETAB 126,123,59

4-PREGNENE-11-beta,21-DIOL-3,20-DIONE see: GM7650000

4-PREGNENE-17alpha,21-DIOL-3,11,20-TRIONE see: GM9020000

delta (sup 4)-PREGNENE-17alpha,21-DIOL-3,11,20-TRIONE see: GM9020000

4-PREGNENE-17,alpha,21-DIOL-3,11,20-TRIONE 21-ACETATE see: GM9140000

PREGNENEDIONE see: TW0175000

PREGNENE-3,20-DIONE see: TW0175000

PREGN-4-ENE-3,20-DIONE see: TW0175000

4-PREGNENE-3,20-DIONE see: TW0175000

TU5002000 PREGN-5-ENE-3,20-DIONE

UPDT:8401 MW: 314.51 MOLFM: C21-H30-O2

SYN: 5-PREGNENE-3,20-DIONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	par-rat TDLo:35 mg/kg (7D pre)	JEMEAV 102,347,55

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

5-PREGNENE-3,20-DIONE see: TU5002000

PREGN-4-ENE-3,20-DIONE, 21-(ACETOXY)-11,17-DIHYDROXY-, (11-beta)- see: GM8960000

PREGN-4-ENE-3,20-DIONE, 17-(ACETYLOXY)- (9CI) see: TU5074000

PREGN-4-ENE-3,20-DIONE, 21-(ACETYLOXY)-11,17-DIHYDROXY-, (11-beta)- (9CI) see: GM8960000

PREGN-4-ENE-3,20-DIONE, 17-(ACETYLOXY)-9-FLUORO-11-HYDROXY-, (11-beta)- (9CI) see: TU5024000

PREGN-4-ENE-3,20-DIONE, 21-(ACETYLOXY)-11-HYDROXY-, (11-beta)-(9 CI) see: GM7820000

TU5010000 (6-alpha)-PREGN-4-ENE-3,20-DIONE, 17-(ACETYLOXY)-6-METHYL-

UPDT:8412 CAS: 71-58-9 MW: 386.58 MOLFM: C24-H34-O4

SYN: 17-alpha-ACETOXY-6-alpha-METHYLPREGN-4-ENE-3,20-DIONE * 17-ACETOXY-6-alpha-METHYLPROGESTERONE * 17-alpha-ACETOXY-6-alpha-METHYLPROGESTERONE * (6-alpha)-17-(ACETYLOXY)-6-METHYLPREG-4-ENE-3,20-DIONE * DEPO-MEDROXYPROGESTERONE ACETATE * DEPO-MPA * DEPO-PROVERA * DMPA * FARLUTIN * 17-alpha-HYDROXY-6-alpha-METHYLPREGN-4-ENE-3,20-DIONE ACETATE * 17-HYDROXY-6-alpha-METHYLPREGN-4-ENE-3,20-DIONE ACETATE * 17-alpha-HYDROXY-6-alpha-METHYLPROGESTERONE ACETATE * MAP * MEDROXYACETATE PROGESTERONE * MEDROXYPROGESTERONE ACETATE * 6-alpha-METHYL-17-alpha-ACETOXYPREGN-4-ENE-3,20-DIONE * 6-alpha-METHYL-17-ACETOXY PROGESTERONE * 6-alpha-METHYL-17-alpha-ACETOXYPROGESTERONE * 6-alpha-METHYL-17-alpha-HYDROXYPROGESTERONE ACETATE * 6-alpha-METHYL-4-PREGNENE-3,20-DION-17-alpha-OL ACETATE * METIPREGNONE * MPA * NOGEST * NSC-26386 * ORAGEST * PERLUTEX * PROGESTERONE, 17-alpha-HYDROXY-6-alpha-METHYL-, ACETATE * PROVERA * PROVERA DOSEPAK * REPROMIX

MUTATION DATA AND REFERENCES:

	dni-hmn:lym 50 umol/L	PSEBAA 146,401,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-wmn TDLo:12 mg/kg (4D pre)	PHRPA6 84,1059,69
1T22	ims-wmn TDLo:3 mg/kg (1D pre)	CCPTAY 8,407,73
1T14	ims-wmn TDLo:3 mg/kg (1D pre)	INJFA3 17,217,72
1T22	ims-wmn TDLo:12 mg/kg (4D pre)	AOGSAE 51,251,72
2T22T29	ims-wmn TDLo:4 mg/kg (1D pre)	FESTAS 21,525,70
1T17	ims-wmn TDLo:3 mg/kg (1D post)	AJOGAH 127,245,77
1T01	ims-man TDLo:8570 ug/kg (4D male)	CCPTAY 15,679,77
1T22	ims-wmn TDLo:3 mg/kg (1D pre)	INJFA3 14,33,69
1T22	par-wmn TDLo:15 mg/kg (6D pre)	AJOGAH 101,1046,68
2T14T22	par-wmn TDLo:3 mg/kg (3D pre)	FESTAS 17,261,66
1T22	par-wmn TDLo:3 mg/kg (1D pre)	CCPTAY 3,21,71
1T53	unk-wmn TDLo:3500 ug/kg (6W preg)	OBGNAS 23,931,64
1T85	unk-wmn TDLo:12 mg/kg (6-20W preg)	SCIEAS 211,1171,81
2T14T27	mul-wmn TDLo:27800 ug/kg (8-14W preg)	AJOGAH 88,1092,64
1T03	orl-rat TDLo:20 mg/kg (10D male)	FESTAS 15,419,64
1T53	orl-rat TDLo:4500 ug/kg (15-20D preg)	ACENA7 41,274,62
2T14T21	orl-rat TDLo:28950 ug/kg (30D pre)	PSEBAA 108,3,61
1T16	orl-rat TDLo:75 mg/kg (12-22D preg)	ENDOAO 69,638,61
1T02	orl-rat TDLo:60 mg/kg (10D male)	FESTAS 15,419,64
1T22	orl-rat TDLo:550 mg/kg (11D pre)	EJPHAZ 1,438,67
1T01	scu-rat TDLo:112 mg/kg (28D male)	JRPFA4 32,453,73
1T53	scu-rat TDLo:7500 ug/kg (15-20D preg)	ENDOAO 66,140,60
1T29	scu-rat TDLo:2800 ug/kg (14D pre)	CCPTAY 5,57,72
2T02T03	scu-rat TDLo:10 mg/kg (10D male)	INJFA3 8,589,63
1T16	scu-rat TDLo:5 mg/kg (15-24D preg)	PSEBAA 123,867,66
1T12	scu-rat TDLo:1400 ug/kg (14D pre)	CCPTAY 5,57,72
1T86	ims-rat TDLo:5 mg/kg (1D post)	JRPFA4 46,411,76
2T01T23	ims-rat TDLo:4500 ug/kg (18D male)	IJMRAQ 64,518,76
3T02T03T23	ims-rat TDLo:80 mg/kg (1D male)	IJEBA6 9,132,71
2T82T91	unk-rat TDLo:50 mg/kg (9-22D preg)	TJADAB 25(1),15A,82
2T46T53	iut-rat TDLo:10 mg/kg (9-21D preg)	FESTAS 39,224,83
3T25T34T35	scu-mus TDLo:5 mg/kg (2D preg)	TJADAB 25,27,82
1T34	scu-mus TDLo:9000 mg/kg (7-15D preg)	TJADAB 15,25,77
2T49T53	scu-mus TDLo:30 mg/kg (9D preg)	TJADAB 25,27,82
1T14	scu-dog TDLo:5 mg/kg (1D pre)	AJVRAH 34,659,73
1T12	scu-dog TDLo:5 mg/kg (1D pre)	AJVRAH 34,1493,73
1T13	scu-dog TDLo:5 mg/kg (1D pre)	AJVRAH 34,1493,73
1T14	ims-dog TDLo:10 mg/kg (1D pre)	AJVRAH 34,659,73
1T29	ims-dog TDLo:2400 ug/kg (3D pre)	FESTAS 36,373,81
1T15	ims-dog TDLo:60 mg/kg (6D pre)	FESTAS 36,373,81
1T29	orl-rbt TDLo:75 ug/kg (2D pre/1D preg)	ENDOAO 79,939,66
1T21	orl-rbt TDLo:625 ug/kg (1D pre)	ACEDAB 73,17,63
1T24	skn-rbt TDLo:500 ug/kg (1D pre)	STEDAM 7,341,66
1T29	skn-rbt TDLo:50 ug/kg (1D pre)	STEDAM 5,619,65
1T13	scu-rbt TDLo:25 ug/kg (5D pre)	ANREAK 142,469,62
3T43T46T59	scu-rbt TDLo:9 mg/kg (13-15D preg)	TJADAB 15,25,77
2T25T35	scu-rbt TDLo:30 mg/kg (7-9D preg)	TJADAB 15,25,77
1T29	scu-rbt TDLo:20 ug/kg (1D pre)	85GRAA -,57,65
1T34	scu-rbt TDLo:3 mg/kg (13-15D preg)	TJADAB 15,25,77
1T29	orl-pig TDLo:167 mg/kg (10D pre)	JRPFA4 19,541,69
1T12	orl-pig TDLo:267 mg/kg (16D pre)	JRPFA4 19,541,69
2T52T53	scu-gpg TDLo:86 mg/kg (18-60D preg)	FESTAS 19,606,68
2T02T21	ims-gpg TDLo:1480 mg/kg (70D male)	NATUAS 209,1322,66
2T01T09	orl-ctl TDLo:12 mg/kg (60D male)	ENDOAO 77,203,65
1T14	ivn-ctl TDLo:80 ug/kg (16D pre)	JRPFA4 11,185,66
1T29	ivn-ctl TDLo:160 ug/kg (16D pre)	JRPFA4 11,185,66
1T29	orl-mam TDLo:9231 ug/kg (3D pre)	JRPFA4 13,173,67

TUMORIGENIC DATA AND REFERENCES:

3V02L60R60	ims-dog TDLo:30 mg/kg/26W-I	36PYAS -,145,77
2V03R60	ims-dog TD :324 mg/kg/4Y-I	FESTAS 31,340,79
2V03R60	ims-dog TD :1240 mg/kg/4Y-I	FESTAS 31,340,79

TOXICITY DATA AND REFERENCES:

1D19	ivn-wmn TDLo:10 mg/kg	ADVPB4 8,103,72
1D19	ivn-wmn TDLo:21 mg/kg	ADVPB4 8,103,72

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: SRCHAA 5(6),236,74; CCPTAY 12,377,75; COGYAK 16(4),37,73; AJOGAH 120,537,74; TJADAB 21,225,80

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 6,157,74
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED	IARC** 21,417,79
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE	IARC** 21,417,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5010050 PREGN-4-ENE-3,20-DIONE, 17-(ACETYLOXY)-6-METHYL-, (6-alpha)-, mixt. with (17-beta)-3- HYDROXYESTRA-1,3,5(10)-TRIEN-17-YL CYCLOPENTANEPROPANOATE

UPDT:8401 CAS: 71615-27-5 MW: 783.20 MOLFM: C26-H36-O3 C24-H34-O4

SYN: CYCLOPROVERA * ESTRADIOL CYPIONATE mixed with MEDROXYPROGESTERONE ACETATE * MEDROXYPROGESTERONE ACETATE mixed with ESTRADIOL CYPIONATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	ims-wmn TDLo:1800 ug/kg (3D pre)	CCPTAY 25,261,82
1T22	ims-wmn TDLo:2400 ug/kg (4D preg)	JRPFA4 15,209,68

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5010070 PREGN-4-ENE-3,20-DIONE, 17-(ACETYLOXY)-6-METHYL-, (6-alpha)-, mixt. with (17-alpha)- 19-NORPREGNA-1,3,5(10)-TRIEN-20-YNE-3,17-DIOL

UPDT:8405 CAS: 8003-08-5 MW: 683.02 MOLFM: C24-H34-O4 C20-H24-O2

SYN: ETHINYLESTRADIOL and MEDROXYPROGESTERONE ACETATE * MEDROXYPROGESTERONE ACETATE and ETHINYLESTRADIOL * NOGEST * PROVEST

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	orl-wmn TDLo:317 mg/kg (4Y pre)	AJOGAH 107,171,70
2T14T29	orl-wmn TDLo:4020 ug/kg (20D pre)	INJFA3 8,725,63
1T14	orl-rat TDLo:5 mg/kg (10D pre)	INJFA3 8,589,63
1T22	orl-rat TDLo:50 mg/kg (1-10D preg)	INJFA3 8,589,63
2T02T03	scu-rat TDLo:1 mg/kg (10D male)	INJFA3 8,589,63

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:4216 mg/kg	INJFA3 8,589,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5010100 PREGN-4-ENE-3,20-DIONE, 16-BROMO-

UPDT:8401 MW: 393.41 MOLFM: C21-H29-Br-O2

SYN: 16-BROMOPREGN-4-ENE-3,20-DIONE * 16-BROMOPROGESTERONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:5 mg/kg (1D pre)	ACEDAB 28,18,56

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5010110 PREGN-4-ENE-3,20-DIONE, 11-((BROMOACETYL)OXY)-, (11-alpha)-

UPDT:8407 CAS: 36049-50-0 MW: 451.45 MOLFM: C23-H31-Br-O4

SYN: 11-alpha-(BROMOACETOXY)PROGESTERONE * (11-alpha)-11-((BROMOACETYL)OXY)PREGN-4-ENE-3,20-DIONE * CGP 10945

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	iut-rat TDLo:5 mg/kg (7D preg)	BIREBV 11,519,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5010120 PREGN-4-ENE-3,20-DIONE, 16-((BROMOACETYL)OXY)-, (16-alpha)-

UPDT:8407 CAS: 51541-48-1 MW: 451.45 MOLFM: C23-H31-Br-O4

SYN: 16-alpha-(BROMOACETOXY)PROGESTERONE * (16-alpha)-16-((BROMOACETYL)OXY)PREGN-4-ENE-3,20-DIONE * CGP 10944

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T26	iut-rat TDLo:4100 ug/kg (7D preg)	BIREBV 11,519,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5010130 PREGN-4-ENE-3,20-DIONE, 9-alpha-BROMO-11-beta-HYDROXY-

UPDT:8401 MW: 409.41 MOLFM: C21-H29-Br-O3

SYN: 9-alpha-BROMO-11-beta-HYDROXYPREGN-4-ENE-3,20-DIONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	unk-mus TDLo:600 ug/kg (1D pre)	ANYAA9 71,494,58

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5010140 PREGN-4-ENE-3,20-DIONE, 12-alpha-BROMO-11-beta-HYDROXY-

UPDT:8401 MW: 409.41 MOLFM: C21-H29-Br-O3

SYN: 12-alpha-BROMO-11-beta-HYDROXYPREGN-4-ENE-3,20-DIONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	unk-mus TDLo:400 ug/kg (1D pre)	ANYAA9 71,494,58

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5010150 PREGN-4-ENE-3,20-DIONE, 4-CHLORO-

UPDT:8401 MW: 348.95 MOLFM: C21-H29-Cl-O2

SYN: 4-CHLOROPREGN-4-ENE-3,20-DIONE * 4-CHLOROPROGESTERONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:2500 ug/kg (1D pre)	ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5010160 PREGN-4-ENE-3,20-DIONE, 16-alpha-CHLORO-

UPDT:8401 MW: 348.95 MOLFM: C21-H29-Cl-O2

SYN: 16-alpha-CHLOROPREGN-4-ENE-3,20-DIONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	orl-rbt TDLo:1 mg/kg (1D pre)	13OPAL -,37,61
1T29	scu-rbt TDLo:40 ug/kg (1D pre)	13OPAL -,37,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5010180 PREGN-4-ENE-3,20-DIONE, 16-CHLORO-11,17-DIHYDROXY-, 11-ACETATE

UPDT:8401 MW: 421.98 MOLFM: C23-H30-Cl-O5

SYN: 16-CHLORO-11,17-DIHYDROXYPREGN-4-ENE-3,20-DIONE 11-ACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:10 mg/kg (1D pre)	13OPAL -,37,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5010200 PREGN-4-ENE-3,20-DIONE, 21-CHLORO-9-FLUORO-11-beta,16-alpha,17-TRIHYDROXY-, cyclic 16,17-ACETAL with ACETONE

UPDT:8408 CAS: 3093-35-4 MW: 455.01 MOLFM: C24-H32-Cl-F-O5

SYN: HALCIDERM * HALCIMAT * HALCINONIDE * HALCORT * HALOG * SQ-18,566

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:39800 ug/kg	IYKEDH 13,349,82
*	scu-rat LD50:95500 ug/kg	IYKEDH 13,349,82
*	ipr-mus LD50:150 mg/kg	PBPSDY 1,215,77
*	scu-mus LD50:409 mg/kg	IYKEDH 13,349,82

TU5010250 PREGN-4-ENE-3,20-DIONE, 9-alpha-CHLORO-11-beta-HYDROXY-

UPDT:8401 MW: 364.95 MOLFM: C21-H29-Cl-O3

SYN: 9-alpha-CHLORO-11-beta-HYDROXYPREGN-4-ENE-3,20-DIONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	unk-mus TDLo:800 ug/kg (1D pre)	ANYAA9 71,494,58

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5010260 PREGN-4-ENE-3,20-DIONE, 12-alpha-CHLORO-11-beta-HYDROXY-

UPDT:8401 MW: 364.95 MOLFM: C21-H29-Cl-O3

SYN: 12-alpha-CHLORO-11-alpha-HYDROXYPREGN-4-ENE-3,20-DIONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	unk-mus TDLo:100 ug/kg (1D pre)	ANYAA9 71,494,58

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5010300 PREGN-4-ENE-3,20-DIONE, 6-alpha-CHLORO-11-HYDROXY-, ACETATE

UPDT:8401 MW: 389.98 MOLFM: C23-H30-Cl-O3

SYN: 6-alpha-CHLORO-11-ACETOXYPROGESTERONE * 6-alpha-CHLORO-11-HYDROXYPREGN-4-ENE-3,20-DIONE ACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	unk-mus TDLo:80 mg/kg (1D pre)	FESTAS 12,346,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5010400 PREGN-4-ENE-3,20-DIONE, 6-alpha-CHLORO-17-alpha-HYDROXY-, ACETATE

UPDT:8412 MW: 406.99 MOLFM: C23-H31-Cl-O4

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	orl-mus TDLo:3200 ug/kg (1D pre)	85GRAA -,150,65
1T13	scu-mus TDLo:3200 ug/kg (1D pre)	85GRAA -,150,65
1T29	orl-rbt TDLo:313 ug/kg (1D pre)	ACEDAB 73,17,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGN-4-ENE-3,20-DIONE, 11,21-DIHYDROXY-, (11-beta)- (9CI) see: GM7650000

PREGN-4-ENE-3,20-DIONE, 11-beta,21-DIHYDROXY- see: GM7650000

TU5011700 PREGN-4-ENE-3,20-DIONE, 16-alpha,17-DIHYDROXY-, cyclic ACETAL with ACETOPHENONE, (R)-

UPDT:8403 CAS: 24356-94-3 MW: 448.65 MOLFM: C29-H36-O4

SYN: ALGESTONE ACETOPHENIDE * ALPHASONE ACETOPHENIDE * BOVITROL * DELADROXONE * DIHYDROXYPROGESTERONE ACETOPHENIDE * 16-alpha,17-DIHYDROXYPREGN-4-ENE-3,20-DIONE CYCLIC ACETAL with ACETOPHENONE * 16-alpha,17-alpha-DIHYDROXYPROGESTERONE ACETOPHENIDE * DROXONE * P-DHP * 16,17-((1-PHENYLETHYLIDENE)BIS(OXY))PREGN-4-ENE-3,20-DIONE * PREGN-4-ENE-3,20-DIONE, 16,17-((1-PHENYLETHYLIDENE)BIS(OXY))-, (16-alpha(R))-(9CI) * SQ 15101

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	orl-rat TDLo:250 mg/kg (10D pre)	FESTAS 15,63,64

1T22 orl-rat TDLo:2500 mg/kg (20D pre) FESTAS 15,63,64
1T12 orl-rat TDLo:750 mg/kg (10D pre) FESTAS 15,63,64
2T02T03 skn-rat TDLo:240 mg/kg (30D male) STEDAM 10,687,67
1T53 scu-rat TDLo:300 mg/kg (14-19D preg) ENDOAO 71,448,62
1T14 scu-rat TDLo:100 mg/kg (20D pre) FESTAS 15,63,64
2T22T26 scu-rat TDLo:2250 ug/kg (15D pre) FESTAS 15,63,64
2T12T13 scu-rat TDLo:100 mg/kg (20D pre) FESTAS 15,63,64
3T02T03T23 ims-rat TDLo:79200 ug/kg (48D male) STEDAM 8,33,66
1T01 ims-rat TDLo:396 mg/kg (48D male) STEDAM 8,33,66
2T12T13 scu-mus TDLo:700 mg/kg (35D pre) IJMRAQ 57,1475,69
1T21 scu-mus TDLo:84 mg/kg (35D pre) IJMRAQ 57,1475,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5011800 PREGN-4-ENE-3,20-DIONE, 16-alpha,17-DIHYDROXY-, CYCLIC ACETAL with 2-FURYL METHYL KETONE
UPDT:8405 MW: 442.65 MOLFM: C27-H38-O5
SYN: 16-alpha,17-DIHYDROXYPREGN-4-ENE-3,20-DIONE CYCLIC ACETAL with 2-FURYL METHYL KETONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-mus TDLo:12800 ug/kg (5D pre/1-15D preg) INJFA3 9,547,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGN-4-ENE-3,20-DIONE, 11-beta,21-DIHYDROXY-, 21-ACETATE see: GM7820000

TU5016000 PREGN-5-ENE-7,20-DIONE, 3,17-DIHYDROXY-, DIACETATE
UPDT:8401 MW: 429.58 MOLFM: C25-H33-O6
SYN: 3,17-DIHYDROXYPREGN-5-ENE-7,20-DIONE DIACETATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:5 mg/kg (1D pre) 13OPAL -,37,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5017000 PREGN-4-ENE-3,20-DIONE, 11-beta,17-DIHYDROXY-9-alpha-FLUORO-
UPDT:8401 MW: 364.50 MOLFM: C21-H29-F-O4
SYN: 11-beta,17-DIHYDROXY-9-alpha-FLUOROPREGN-4-ENE-3,20-DIONE * 11-beta,17-alpha-DIHYDROXY-9-alpha-FLUOROPREGN-4-ENE-3,20-DIONE * 9-alpha-FLUORO-21-DESOXYHYDROCORTISONE * 9-alpha-FLUORO-11-beta,17-alpha-DIHYDROXYPROGESTERONE * PREGN-4-ENE-3,20-DIONE, 11-beta,17-alpha-DIHYDROXY-9-alpha-FLUORO-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 par-rat TDLo:14 mg/kg (28D pre) JEMEAV 102,347,55
1T13 unk-rat TDLo:500 ug/kg (1D pre) ANYAA9 71,494,58
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGN-4-ENE-3,20-DIONE, 11-beta,17-alpha-DIHYDROXY-9-alpha-FLUORO- see: TU5017000

TU5018000 PREGN-4-ENE-3,20-DIONE, 11,17-DIHYDROXY-9-alpha-FLUORO-16-METHYLENE-, 17-ACETATE
UPDT:8406 MW: 418.55 MOLFM: C24-H31-F-O5
SYN: 9-alpha-FLUORO-11-HYDROXY-16-METHYLENE-17-alpha-ACETOXYPROGESTERONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-wmn TDLo:400 ug/kg (20D pre) INJFA3 9,57,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGN-4-ENE-3,20-DIONE, 11,21-DIHYDROXY-17-(1-OXOBUTOXY)-, (11-beta)- see: GM9002000

TU5021100 PREGN-4-ENE-3,20-DIONE, 6-alpha,16-alpha-DIMETHYL-
UPDT:8412 CAS: 1816-78-0 MW: 342.57 MOLFM: C23-H34-O2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:200 ug/kg (1D pre) 85GRAA -,150,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5021200 PREGN-4-ENE-3,20-DIONE, 6-beta,16-alpha-DIMETHYL-
UPDT:8412 MW: 342.57 MOLFM: C23-H34-O2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-mus TDLo:400 ug/kg (1D pre) 85GRAA -,150,65
1T13 scu-mus TDLo:800 ug/kg (1D pre) 85GRAA -,150,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5021300 PREGN-4-ENE-3,20-DIONE, 6-alpha,16-alpha-DIMETHYL-17-alpha-HYDROXY-, ACETATE
UPDT:8412 MW: 400.61 MOLFM: C25-H36-O4
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:2 mg/kg (1D pre) 85GRAA -,150,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5022000 PREGN-4-ENE-3,20-DIONE, 16-alpha,17-EPOXY-
UPDT:8401 MW: 328.49 MOLFM: C21-H28-O3
SYN: 16-alpha,17-EPOXYPREGN-4-ENE-3,20-DIONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:1 mg/kg (1D pre) 13OPAL -,37,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5023000 PREGN-4-ENE-3,20-DIONE, 11-beta,18-EPOXY-18,21-DIHYDROXY-
UPDT:8403 CAS: 6251-69-0 MW: 360.49 MOLFM: C21-H28-O5
SYN: ALDOCORTEN * ALDOCORTIN * ALDOSTERONE * 11-beta,21-DIHYDROXY-3,20-DIOXOPREGN-4-EN-18-AL * 3,20-DIKETO-11-beta,18-OXIDO-4-PREGNENE-18,21-DIOL * ELECTROCORTIN * 11-beta-18-EPOXY-18,21-DIHYDROXYPREGN-4-ENE-3,20-DIONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T91 scu-rat TDLo:5500 ug/kg (1-22D preg) JCINAO 41,710,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5023200 PREGN-4-ENE-3,20-DIONE, 16-alpha,17-EPOXY-6-HYDROXY-
UPDT:8401 MW: 344.49 MOLFM: C21-H28-O4
SYN: 16-alpha,17-EPOXY-6-HYDROXYPREGN-4-ENE-3,20-DIONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:5 mg/kg (1D pre) 13OPAL -,37,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5023400 PREGN-4-ENE-3,20-DIONE, 6-alpha-FLUORO-
UPDT:8412 CAS: 2300-03-0 MW: 332.50 MOLFM: C21-H29-F-O2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:400 ug/kg (1D pre) 85GRAA -,150,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5023500 PREGN-4-ENE-3,20-DIONE, 21-FLUORO-
UPDT:8412 MW: 332.50 MOLFM: C21-H29-F-O2
SYN: 21-FLUOROPREGN-4-ENE-3,20-DIONE * 21-FLUOROPROGESTERONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:40 ug/kg (1D pre) 85GRAA -,57,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5024000 PREGN-4-ENE-3,20-DIONE, 9-FLUORO-11-beta,17-DIHYDROXY-, 17-ACETATE
UPDT:8406 CAS: 2529-45-5 MW: 406.54 MOLFM: C23-H31-F-O5
SYN: CRONOLONE * FGA * FLUOROGESTERONE ACETATE * FLUOROGESTONE ACETATE * FLUROGESTONE ACETATE * GYNCRO-MATE * PREGN-4-ENE-3,20-DIONE, 17-(ACETYLOXY)-9-FLUORO-11-HYDROXY-, (11-beta)- (9CI) * SC 9880 * SYNCHRO-MATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T14T29T77 ivg-dom TDLo:158 ug/kg (19D pre) JRPFA4 22,515,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5024100 PREGN-4-ENE-3,20-DIONE, 9-alpha-FLUORO-11-beta-HYDROXY-
UPDT:8401 MW: 348.50 MOLFM: C21-H29-F-O3
SYN: 9-alpha-FLUORO-11-beta-HYDROXYPREGN-4-ENE-3,20-DIONE * 9-alpha-FLUORO-11-beta-HYDROXYPROGESTERONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 par-rat TDLo:8750 ug/kg (7D pre) JEMEAV 102,347,55
1T13 unk-mus TDLo:200 ug/kg (1D pre) ANYAA9 71,494,58
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5024200 PREGN-4-ENE-3,20-DIONE, 12-alpha-FLUORO-11-alpha-HYDROXY-
UPDT:8401 MW: 348.50 MOLFM: C21-H29-F-O3
SYN: 12-alpha-FLUORO-11-alpha-HYDROXYPREGN-4-ENE-3,20-DIONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 unk-mus TDLo:800 ug/kg (1D pre) ANYAA9 71,494,58
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5024300 PREGN-4-ENE-3,20-DIONE, 6-alpha-FLUORO-17-alpha-HYDROXY-, ACETATE
UPDT:8412 MW: 390.54 MOLFM: C23-H31-F-O4
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:2 mg/kg (1D pre) 85GRAA -,150,65
1T29 orl-rbt TDLo:625 ug/kg (1D pre) ACEDAB 73,17,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5024400 PREGN-4-ENE-3,20-DIONE, 21-FLUORO-17-HYDROXY-6-alpha-METHYL-, 17-ACETATE (ester)
UPDT:8305 MW: 392.56 MOLFM: C23-H33-F-O4
SYN: 21-FLUORO-17-HYDROXY-6-alpha-METHYLPREGN-4-ENE-3,20-DIONE 17-ACETATE (ester) * 6-alpha-METHYL-21-FLUORO-17-ACETOXYPROGESTERONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-rbt TDLo:25 ug/kg (5D pre) ANREAK 142,469,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5024600 PREGN-4-ENE-3,20-DIONE, 6-alpha-FLUORO-16-alpha-METHYL-
UPDT:8412 CAS: 1818-56-0 MW: 346.53 MOLFM: C22-H31-F-O2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-mus TDLo:2 mg/kg (1D pre) 85GRAA -,150,65
1T13 scu-mus TDLo:400 ug/kg (1D pre) 85GRAA -,150,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5024700 PREGN-4-ENE-3,20-DIONE, 6-beta-FLUORO-16-alpha-METHYL-
UPDT:8412 MW: 346.53 MOLFM: C22-H31-F-O2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-mus TDLo:2 mg/kg (1D pre) 85GRAA -,150,65
1T13 scu-mus TDLo:2 mg/kg (1D pre) 85GRAA -,150,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5025000 PREGN-4-ENE-3,20-DIONE, 9-FLUORO-11-beta,17,21-TRIHYDROXY-
UPDT:8412 CAS: 127-31-1 MW: 380.50 MOLFM: C21-H29-F-O5
SYN: ALFLORONE * F-COL * F-CORTEF * FLORINEF * FLUDROCORTISONE * FLUDROCORTONE * FLUODROCORTISONE * FLUOHYDRISONE * FLUOHYDROCORTISONE * 9-alpha-FLUOROCORTISOL * FLUOROCORTISONE * 9-alpha-FLUOROHYDROCORTISONE * 9-alpha-FLUORO-17-HYDROXYCORTICOSTERONE * 9-FLUORO-11-beta,17,21-TRIHYDROXYPREGN-4-ENE-3,20-DIONE * 9-alpha-FLUORO-11-beta,17-alpha,21-TRIHYDROXY-4-PREGNENE-3,20-DIONE * U 5963
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 par-rat TDLo:8750 ug/kg (7D pre) JEMEAV 102,347,55
1T43 orl-mus TDLo:100 mg/kg (6-15D preg) 28QFAD -,85,73
1T35 orl-rbt TDLo:1 mg/kg (13-16D preg) 28QFAD -,85,73
1T43 orl-rbt TDLo:2 mg/kg (13-16D preg) 28QFAD -,85,73
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:170 mg/kg CLDND*
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5055000 PREGN-4-ENE-3,20-DIONE, 4-HYDROXY-
UPDT:8401 MW: 330.51 MOLFM: C21-H30-O3
SYN: 4-HYDROXYPREGN-4-ENE-3,20-DIONE * 4-HYDROXYPROGESTERONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:5 mg/kg (1D pre) ACEDAB 28,18,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5056000 PREGN-4-ENE-3,20-DIONE, 6-beta-HYDROXY-
UPDT:8401 MW: 330.51 MOLFM: C21-H30-O3
SYN: 6-beta-HYDROXYPREGN-4-ENE-3,20-DIONE * 6-beta-HYDROXYPROGESTERONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T21T29 scu-rbt TDLo:20 mg/kg (1D pre) ACEDAB 73,3,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5058000 PREGN-4-ENE-3,20-DIONE, 11-beta-HYDROXY-
UPDT:8401
SYN: 11-beta-HYDROXYPREGN-4-ENE-3,20-DIONE * 11-beta-HYDROXYPROGESTERONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 par-rat TDLo:28 mg/kg (28D pre) JEMEAV 102,347,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5060000 PREGN-4-ENE-3,20-DIONE, 17-HYDROXY-
UPDT:8310 CAS: 68-96-2 MW: 330.51 MOLFM: C21-H30-O3
SYN: GESTAGENO GADOR * 17-HYDROXYPREGN-4-ENE-3,20-DIONE * 17-HYDROXYPROGESTERONE * 17-alpha-HYDROXYPROGESTERONE * PRODIX * PRODOX
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T50T53 ims-wmn TDLo:60 mg/kg (8-32W preg) PEDIAU 26,151,60
1T29 scu-rbt TDLo:5 mg/kg (1D pre) ACEDAB 28,18,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5072000 PREGN-5-ENE-7,20-DIONE, 3-beta-HYDROXY-
UPDT:8401 MW: 328.49 MOLFM: C21-H28-O3
SYN: 3-beta-HYDROXYPREGN-5-ENE-7,20-DIONE * 7-KETOPREGNENOLONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:5 mg/kg (1D pre) ACEDAB 28,18,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5073000 5-alpha-PREGN-1-ENE-3,20-DIONE, 17-alpha-HYDROXY-
UPDT:8401 MW: 330.51 MOLFM: C21-H30-O3
SYN: delta(sup 1)-ALLOPREGNENE-17-alpha-OL-3,20-DIONE * 17-alpha-HYDROXY-5-alpha-PREGN-1-ENE-3,20-DIONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rbt TDLo:20 mg/kg (1D pre) ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5074000 PREGN-4-ENE-3,20-DIONE, 17-HYDROXY-, ACETATE

UPDT:8412 CAS: 302-23-8 MW: 372.55 MOLFM: C23-H32-O4

SYN: ACETOXYPROGESTERONE * 17-ACETOXYPROGESTERONE * 17-alpha-ACETOXYPROGESTERONE * 17-AP * 17-HYDROXYPREGN-4-ENE-3,20-DIONE ACETATE * 17-HYDROXYPROGESTERONE ACETATE * PREGN-4-ENE-3,20-DIONE, 17-(ACETYLOXY)- (9CI) * PRODOX ACETATE * U 5533

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T03	orl-rat TDLo:72 mg/kg (9D male)	PSEBAA 100,540,59
1T13	scu-mus TDLo:1 mg/kg (1D pre)	85GRAA -,150,65
1T14	orl-dog TDLo:896 mg/kg (32W pre)	PSEBAA 105,23,60
1T13	orl-dog TDLo:80500 ug/kg (23W pre)	PSEBAA 105,23,60
1T29	orl-rbt TDLo:5 mg/kg (1D pre)	13OPAL -,37,61
1T21	orl-rbt TDLo:2500 ug/kg (1D pre)	ACEDAB 73,17,63
1T24	skn-rbt TDLo:500 ug/kg (1D pre)	STEDAM 7,341,66
1T13	scu-rbt TDLo:100 ug/kg (5D pre)	ANREAK 142,469,62
1T29	scu-rbt TDLo:40 ug/kg (1D pre)	13OPAL -,37,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGN-4-ENE-3,20-DIONE, 21-HYDROXY-, ACETATE see: HG0525000

TU5076000 PREGN-4-ENE-3,20-DIONE, 21-HYDROXY-, ACETATE (ester)

UPDT:8401 MW: 372.55 MOLFM: C23-H32-O4

SYN: 21-HYDROXYPREGN-4-ENE-3,20-DIONE ACETATE (ester)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:200 ug/kg (1D pre)	13OPAL -,37,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5083000 PREGN-4-ENE-3,20-DIONE, 11-alpha-HYDROXY-, HEMISUCCINATE, compd. with BOVINE SERUM ALBUMIN

UPDT:8401

SYN: P-BSA * PROGESTERONE-11-alpha HEMISUCCINATE coupled to BOVINE SERUM ALBUMIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T13T19	idr-rbt TDLo:275 ug/kg (2D pre)	BIREBV 16,363,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5085000 PREGN-4-ENE-3,20-DIONE, 17-HYDROXY-, HEXANOATE

UPDT:8408 CAS: 630-56-8 MW: 428.67 MOLFM: C27-H40-O4

SYN: CAPRON * CORLUTIN L.A. * DELALUTIN * DEPO-PROLUTON * DURALUTON * ESTRALUTIN * GESTEROL L.A. * 17-alpha-HEXANOYLOXYPREGN-4-ENE-3,20-DIONE * HORMOFORT * HPC * 17-HYDROXYPREGN-4-ENE-3,20-DIONE HEXANOATE * HYDROXYPROGESTERONE CAPROATE * 17-alpha-HYDROXYPROGESTERONE CAPROATE * 17-alpha-HYDROXY PROGESTERONE n-CAPROATE * 17-alpha-HYDROXYPROGESTERONE HEXANOATE * HYLUTIN * HYPROVAL-PA * HYROXON * IDROGESTENE * LUTATE * LUTEOCRIN * LUTEOCRIN DEPOT * LUTOPRON * NEOLUTIN * NSC-17592 * 17-((1-OXOHEXYL)OXY)PREGN-4-ENE-3,20-DIONE * PREGN-4-ENE-3,20-DIONE, 17-((1-OXOHEXYL)OXY)- * PRIMOLUT DEPOT * PROGESTERONE CAPROATE * PROGESTERONE RETARD PHARLON * PROLUTON DEPOT * RELUTIN * SQUIBB * SYNGYNON * TERALUTIL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T85	unk-wmn TDLo:12 mg/kg (6-20W preg)	SCIEAS 211,1171,81
1T23	ims-rat TDLo:30 mg/kg (30D male)	IJEBA6 18,1225,80
1T01	imp-rat TDLo:61953 ug/kg (26W male)	IJEBA6 18,1225,80
1T02	imp-rat TDLo:45157 ug/kg (17W male)	IJEBA6 18,1225,80
2T24T25	scu-mus TDLo:4160 mg/kg (6-15D preg)	TJADAB 28,201,83

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: TJADAB 21,225,80

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 21,399,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5210000 PREGN-4-ENE-3,20-DIONE, 11-beta-HYDROXY-9-alpha-IODO-

UPDT:8401 MW: 456.40 MOLFM: C21-H29-I-O3

SYN: 11-beta-HYDROXY-9-alpha-IODOPREGN-4-ENE-3,20-DIONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	unk-mus TDLo:20 ug/kg (1D pre)	ANYAA9 71,494,58

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5215000 PREGN-4-ENE-3,20-DIONE, 11-beta-HYDROXY-12-alpha-IODO-

UPDT:8401 MW: 456.40 MOLFM: C21-H29-I-O3

SYN: 11-beta-HYDROXY-12-alpha-IODOPREGN-4-ENE-3,20-DIONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	unk-mus TDLo:200 ug/kg (1D pre)	ANYAA9 71,494,58

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5220000 PREGN-4-ENE-3,20-DIONE, 17-HYDROXY-1-alpha-MERCAPTO-, THIOACETATE (ester)

UPDT:8401 MW: 404.61 MOLFM: C23-H32-O4-S

SYN: 17-HYDROXY-1-alpha-MERCAPTOPREGN-4-ENE-3,20-DIONE THIOACETATE (ester)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:5 mg/kg (1D pre)	13OPAL -,37,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5240000 PREGN-4-ENE-3,20-DIONE, 17-HYDROXY-6-METHYL-

UPDT:8401 MW: 344.54 MOLFM: C22-H32-O3

SYN: 17-HYDROXY-6-METHYLPREGN-4-ENE-3,20-DIONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:5 mg/kg (1D pre)	13OPAL -,37,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGN-4-ENE-3,20-DIONE, 17-HYDROXY-6-METHYL-, (6-alpha)- (9CI) see: TU5300000

TU5300000 PREGN-4-ENE-3,20-DIONE, 17-HYDROXY-6-alpha-METHYL-

UPDT:8407 CAS: 520-85-4 MW: 344.54 MOLFM: C22-H32-O3

SYN: FARLUTAL * MEDROXYPROGESTERON * MEDROXYPROGESTERONE * PREGN-4-ENE-3,20-DIONE, 17-HYDROXY-6-METHYL-, (6-alpha)- (9CI) * U 8840

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	orl-rat TDLo:20 mg/kg (17-20D preg)	ECJPAE 24,77,77
2T12T13	scu-rat TDLo:625 mg/kg (10D pre)	JRPFA4 12,445,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5350000 PREGN-4-ENE-3,20-DIONE, 17-HYDROXY-6-METHYL-, ACETATE

UPDT:8302 MW: 385.57 MOLFM: C24-H33-O4

SYN: 17-HYDROXY-6-METHYLPREGN-4-ENE-3,20-DIONE ACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-rat TDLo:17500 ug/kg (35D pre)	RPHRA6 20,395,64
1T13	unk-rat TDLo:150 mg/kg (30D pre)	RPHRA6 20,395,64

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5356000 PREGN-4-ENE-3,20-DIONE, 17-HYDROXY-6-alpha-METHYL-, ACETATE, and ESTRADIOL POLYESTER with PHOSPHORIC ACID

UPDT:8401

SYN: ESTRADIOL POLYPHOSPHATE and MEDROXYPROGESTERONE ACETATE * MEDROXYPROGESTERONE ACETATE and ESTRADIOL POLYPHOSPHATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	ims-wmn TDLo:3800 ug/kg (1D pre)	OBGNAS 28,513,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5401000 PREGN-4-ENE-3,20-DIONE, 17-HYDROXY-6-alpha-METHYL-16-METHYLENE-, ACETATE

UPDT:8305 MW: 398.59 MOLFM: C25-H34-O4

SYN: 17-ACETOXY-6-alpha-METHYL-16-METHYLENEPREGN-4-ENE-3,20-DIONE * 17-HYDROXY-6-alpha-METHYL-16-METHYLENEPREGN-4-ENE-3,20-DIONE ACETATE * U-10343

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	scu-rat TDLo:7500 ug/kg (15-20D preg)	FESTAS 15,419,64

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGN-4-ENE-3,20-DIONE, 11-HYDROXY-17-(1-OXOBUTOXY)-21-(1-OXOPROPOXY)-, (11-beta)- see: GM9003000

TU5403000 PREGN-4-ENE-3,20-DIONE, 1-alpha-MERCAPTO-, THIOACETATE (ester)

UPDT:8401 MW: 387.60 MOLFM: C23-H31-O3-S

SYN: 1-alpha-MERCAPTOPREGN-4-ENE-3,20-DIONE THIOACETATE (ester)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:5 mg/kg (1D pre)	13OPAL -,37,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGN-4-ENE-3,20-DIONE, 6-METHYL-, (6-alpha)- (9CI) see: TU5406000

TU5406000 PREGN-4-ENE-3,20-DIONE, 6-alpha-METHYL-

UPDT:8303 CAS: 903-71-9 MW: 328.54 MOLFM: C22-H32-O2

SYN: 6-alpha-METHYLPREGN-3-ENE-3,20-DIONE * 6-alpha-METHYLPROGESTERONE * PREGN-4-ENE-3,20-DIONE, 6-METHYL-, (6-alpha)- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T24T34	scu-rat TDLo:160 mg/kg (1-8D preg)	ACENA7 54,8,67
1T13	scu-rbt TDLo:500 ug/kg (5D pre)	ANREAK 142,469,62

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5406100 PREGN-4-ENE-3,20-DIONE, 17-METHYL-

UPDT:8310 MW: 328.54 MOLFM: C22-H32-O2

SYN: 17-METHYLPREGN-4-ENE-3,20-DIONE * 17-METHYLPROGESTERONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T21	scu-rat TDLo:25 mg/kg (1D pre)	FESTAS 5,282,54
1T29	scu-rbt TDLo:5 mg/kg (1D pre)	ACEDAB 28,18,56

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4-PREGNENE-3,20-DIONE-21-OL ACETATE see: HG0525000

PREGN-4-ENE-3,20-DIONE, 17-((1-OXOHEXYL)OXY)- see: TU5085000

PREGN-4-ENE-3,20-DIONE, 16,17-((1-PHENYLETHYLIDENE)BIS(OXY))-, (16-alpha(R))- (9CI) see: TU5011700

PREGN-4-ENE-3,20-DIONE, 11,17,21-TRIHYDROXY-, (11-beta)- see: GM8925000

TU5455000 PREGN-4-ENE-3,20-DIONE, 17,19,21-TRIHYDROXY-

UPDT:8401 MW: 362.51 MOLFM: C21-H30-O5

SYN: 17,19,21-TRIHYDROXYPREGN-4-ENE-3,20-DIONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:5 mg/kg (1D pre)	13OPAL -,37,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGN-4-ENE-3,30-DIONE, 11-beta,17,21-TRIHYDROXY-, 17-BUTYRATE, 21-PROPIONATE see: GM9003000

TU5480000 PREGN-5-ENE-16-alpha-METHANOL, 3-beta,20-DIHYDROXY-, 3,20-DIACETATE

UPDT:8401 MW: 432.66 MOLFM: C26-H40-O5

SYN: 3-beta,20-DIHYDROXYPREGN-5-ENE-16-alpha-METHANOL 3,20-DIACETATE * 16-alpha-HYDROXYMETHYL-delta(sup 5)-PREGNENE-3-beta,20-DIOL DIACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:2500 ug/kg (1D pre)	ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5490000 PREGN-5-ENE-16-alpha-METHANOL, 3-beta,20-beta-DIHYDROXY-, TRIACETATE

UPDT:8401 MW: 474.70 MOLFM: C28-H42-O6

SYN: 16-alpha-ACETOXYMETHYL-delta(sup 5)-PREGNENE-3-beta,20-beta-DIOL DIACETATE * 3-beta,20-beta-DIHYDROXYPREGN-5-ENE-16-alpha-METHANOL TRIACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T21T29	scu-rbt TDLo:2500 ug/kg (1D pre)	ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4-PREGNENE-11-beta,17-alpha,21-TRIOL 3,20-DIONE see: GM8925000

PREGN-4-ENE-3,11,20-TRIONE, 21-(ACETYLOXY)-17-HYDROXY- see: GM9140000

TU5514000 PREGN-4-ENE-3,11,20-TRIONE, 9-BROMO-

UPDT:8403 MW: 407.39 MOLFM: C21-H27-Br-O3

SYN: BRAXORONE * 9-alpha-BROMO-11-KETOPROGESTERONE * 9-BROMOPREGN-4-ENE-3,11,20-TRIONE * 9-alpha-BROMOPREGN-4-ENE-3,11,20-TRIONE * PREGN-4-ENE-3,11,20-TRIONE, 9-alpha-BROMO-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	orl-wmn TDLo:13 mg/kg (21D pre)	AJOGAH 76,626,58
1T13	orl-wmn TDLo:18 mg/kg (15D pre)	OBGNAS 10,411,57
1T13	unk-mus TDLo:200 ug/kg (1D pre)	ANYAA9 71,494,58

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGN-4-ENE-3,11,20-TRIONE, 9-alpha-BROMO- see: TU5514000

TU5514500 PREGN-4-ENE-3,11,20-TRIONE, 9-alpha-CHLORO-

UPDT:8401 MW: 362.93 MOLFM: C21-H27-Cl-O3

SYN: 9-alpha-CHLOROPREGN-4-ENE-3,11,20-TRIONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	unk-mus TDLo:40 ug/kg (1D pre)	ANYAA9 71,494,58

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5514600 PREGN-4-ENE-3,11,20-TRIONE, 12-alpha-CHLORO-

UPDT:8401 MW: 362.93 MOLFM: C21-H27-Cl-O3

SYN: 12-alpha-CHLOROPREGN-4-ENE-3,11,20-TRIONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	unk-mus TDLo:18 mg/kg (1D pre)	ANYAA9 71,494,58

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGN-4-ENE-3,11,20-TRIONE, 17,21-DIHYDROXY- see: GM9020000

PREGN-4-ENE-3,11,20-TRIONE, 17,21-DIHYDROXY-, 21-ACETATE see: GM9140000

TU5530500 PREGN-4-ENE-3,11,20-TRIONE, 9-alpha-FLUORO-

UPDT:8401 MW: 346.48 MOLFM: C21-H27-F-O3

SYN: 9-alpha-FLUOROPREGN-4-ENE-3,11,20-TRIONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	unk-mus TDLo:200 ug/kg (1D pre)	ANYAA9 71,494,58

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5531000 PREGN-4-ENE-3,11,20-TRIONE, 9-FLUORO-17-HYDROXY-, ACETATE

UPDT:8401 MW: 404.52 MOLFM: C23-H29-F-O5

SYN: 9-FLUORO-17-HYDROXYPREGN-4-ENE-3,11,20-TRIONE ACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:5 mg/kg (1D pre)	13OPAL -,37,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5532000 PREGN-4-ENE-3,11,20-TRIONE, 12-alpha-IODO-

UPDT:8401 MW: 454.38 MOLFM: C21-H27-I-O2

SYN: 12-alpha-IODOPREGN-4-ENE-3,11,20-TRIONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	unk-mus TDLo:1 mg/kg (1D pre)	ANYAA9 71,494,58

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGNENINOLONE see: TU5570250

4-PREGNEN-21-OL-3,20-DIONE see: HG0350000

TU5539000 17-alpha-PREGN-5-EN-3-beta-OL, 16-beta-METHYL-

UPDT:8401 MW: 315.57 MOLFM: C22-H35-O

SYN: 16-beta-METHYL-delta(sup 5)-(17-alpha)-ISOPREGNENE-3-beta-OL * 16-beta-METHYL-17-alpha-PREGN-5-EN-3-beta-OL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:5 mg/kg (1D pre)	ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4-PREGNEN-2-beta-OL-3-ONE see: TU5560000

5-PREGNEN-3-beta-OL-20-ONE see: TU5561000

TU5540000 PREGN-4-EN-20-ONE, 17-ACETOXY-6-alpha-METHYLPREGN-4-EN-20-ONE mixed with 3-METHOXY-17-alpha- 19-NORPREGNA-1,3,5(10)-TRIEN-20-YN-17-OL (10:1)

UPDT:8401 MW: 372.60 MOLFM: C24-H36-O3

SYN: ANAGESTONE ACETATE mixed with MESTRANOL (10:1) * ANATROPIN mixed with MESTRANOL (10:1) * MESTRANOL mixed with ANAGESTONE ACETATE (1:10)

TUMORIGENIC DATA AND REFERENCES:

3V03R60V15	orl-dog TDLo:259 mg/kg/2Y-I	JJIND8 65,137,80
2V03R60	orl-dog TD :554 mg/kg/5Y-I	JTEHD6 3,179,77
2V03R60	orl-dog TD :333 mg/kg/3Y-I	JNCIAM 59,933,77
3V03J61R60	orl-dog TD :601 mg/kg/2Y-I	JJIND8 65,137,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGN-4-EN-20-ONE, 17-(ACETYLOXY)-3-HYDROXY-6-METHYL-, (3-beta,6-alpha)- (9CI) see: TU5555000

TU5544000 PREGN-5-EN-20-ONE, 3-beta-CHLORO-

UPDT:8412 MW: 334.97 MOLFM: C21-H31-Cl-O

SYN: 3-beta-CHLORO-delta(sup 5)-PREGNENE-20-ONE * 3-beta-CHLOROPREGN-5-EN-20-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	orl-rbt TDLo:5 mg/kg (1D pre)	ACEDAB 73,17,63
2T21T29	scu-rbt TDLo:5 ug/kg (1D pre)	ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5544500 PREGN-5-EN-20-ONE, 3-beta-CHLORO-17-alpha-HYDROXY-, ACETATE (ester)

UPDT:8412 MW: 393.01 MOLFM: C23-H33-Cl-O3

SYN: 3-beta-CHLORO-17-alpha-ACETOXY-delta(sup 5)-PREGNENE-20-ONE * 3-beta-CHLORO-17-alpha-HYDROXYPREGN-5-EN-20-ONE ACETATE (ester)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T21T29	orl-rbt TDLo:625 ug/kg (1D pre)	ACEDAB 73,17,63
1T29	scu-rbt TDLo:1 mg/kg (1D pre)	ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5545000 PREGN-5-EN-20-ONE, 3-beta-CHLORO-16-alpha-METHYL-

UPDT:8401 MW: 349.00 MOLFM: C22-H33-Cl-O

SYN: 3-beta-CHLORO-16-alpha-METHYL-delta(sup 5)-PREGNENE-20-ONE * 3-beta-CHLORO-16-alpha-METHYLPREGN-5-EN-20-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:5 mg/kg (1D pre)	ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5545500 17-alpha-PREGN-5-EN-20-ONE, 3-beta-CHLORO-16-beta-METHYL-

UPDT:8412 MW: 349.00 MOLFM: C22-H33-Cl-O

SYN: 3-beta-CHLORO-16-beta-METHYL-delta(sup 5)-(17-alpha)-ISOPREGNENE-20-ONE * 3-beta-CHLORO-16-beta-METHYL-17-alpha-PREGN-5-EN-20-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	orl-rbt TDLo:1250 ug/kg (1D pre)	ACEDAB 73,17,63
1T29	scu-rbt TDLo:250 ug/kg (1D pre)	ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGN-5-EN-20-ONE, 3,17-DIHYDROXY-, (3-beta)- (9CI) see: TU5548000

TU5548000 PREGN-5-EN-20-ONE, 3-beta,17-DIHYDROXY-

UPDT:8408 CAS: 387-79-1 MW: 332.53 MOLFM: C21-H32-O3

SYN: 3-beta,17-DIHYDROXYPREGN-5-EN-20-ONE * 17-HYDROXYPREGNENOLONE * 17-alpha-HYDROXYPREGNENOLONE * PREGN-5-EN-20-ONE, 3,17-DIHYDROXY-, (3-beta)- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T01T02T03	ims-rat TDLo:99600 ug/kg (48D male)	IJEBA6 5,45,67
1T21	ims-rat TDLo:96 mg/kg (48D male)	IJEBA6 11,484,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5555000 PREGN-4-EN-20-ONE, 3-beta,17-DIHYDROXY-6-alpha-METHYL-, 17-ACETATE

UPDT:8401 CAS: 57-16-9 MW: 388.60 MOLFM: C24-H36-O4

SYN: BL 141 * 3-beta,17-DIHYDROXY-6-alpha-METHYLPREGN-4-EN-20-ONE 17-ACETATE * 3-HYDROXY-6-alpha-METHYL-17-ACETOXYPROGESTERONE * PREGN-4-EN-20-ONE, 17-(ACETYLOXY)-3-HYDROXY-6-METHYL-, (3-beta,6-alpha)- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	imp-mus TDLo:1 gm/kg (5D pre)	CCPTAY 16,357,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGN-4-EN-3-ONE, 20-HYDROXY-, (20-R)- (9CI) see: TU5560000

PREGN-4-EN-3-ONE, 20-HYDROXY-, (20S)- (9CI) see: TU5559900

TU5559900 PREGN-4-EN-3-ONE, 20-alpha-HYDROXY-

UPDT:8407 CAS: 145-14-2 MW: 316.53 MOLFM: C21-H32-O2

SYN: 20-alpha-DIHYDROPROGESTERONE * 20-alpha-HYDROXYDIHYDROPROGESTERONE * 20(S)-HYDROXYPROGESTERONE * 20-alpha-HYDROXYPROGESTERONE * PREGN-4-EN-3-ONE, 20-HYDROXY-, (20S)- (9CI) * 20-alpha-PROGEROL * PROGESTEROL-20-alpha

MUTATION DATA AND REFERENCES:

	dni-hmn:lym 10 mg/L	AJOGAH 127,151,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-rbt TDLo:40 mg/kg (10D pre)	FESTAS 23,196,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5560000 PREGN-4-EN-3-ONE, 20-beta-HYDROXY-

UPDT:8401 CAS: 145-15-3 MW: 316.53 MOLFM: C21-H32-O2

SYN: 20-beta-DIHYDROPROGESTERONE * 20-beta-HYDROXYDIHYDROPROGESTERONE * 20-beta-HYDROXYPREGN-4-EN-3-ONE * 20-beta-HYDROXYPROGESTERONE * 4-PREGNEN-2-beta-OL-3-ONE * PREGN-4-EN-3-ONE, 20-HYDROXY-, (20-R)- (9CI) * 20-beta-PROGEROL * PROGESTEROL-20-beta

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	par-rat TDLo:35 mg/kg (7D pre)	JEMEAV 102,347,55
1T29	scu-rbt TDLo:5 mg/kg (1D pre)	ACEDAB 28,18,56

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5561000 PREGN-5-EN-20-ONE, 3-beta-HYDROXY-

UPDT:8401 MW: 316.53 MOLFM: C21-H32-O2

SYN: 3-beta-HYDROXYPREGN-5-EN-20-ONE * 5-PREGNEN-3-beta-OL-20-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	par-rat TDLo:35 mg/kg (7D pre)	JEMEAV 102,347,55

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5570020 PREGN-5-EN-20-ONE, 3-beta-HYDROXY-16-beta-METHYL-

UPDT:8401 MW: 332.58 MOLFM: C22-H36-O2

SYN: 3-beta-HYDROXY-16-beta-METHYLPREGN-5-EN-20-ONE * 16-beta-METHYL-delta(sup 5)-PREGNENE-3-beta-OL-20-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:5 mg/kg (1D pre)	ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5570030 PREGN-4-EN-3-ONE, 20-THIOXO-

UPDT:8401 MW: 331.58 MOLFM: C21-H31-O-S

SYN: 20-THIOXOPREGN-4-EN-3-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:500 ug/kg (1D pre)	13OPAL -,37,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5570080 17-alpha-PREGN-5-EN-20-YNE-3-beta,17-DIOL, 3-(3-CYCLOHEXYLPROPIONATE)

UPDT:8401 MW: 452.74 MOLFM: C30-H44-O3

SYN: ETHANDROSTATE * 17-alpha-ETHINYL-delta(sup 5)-ANDROSTENE-3-beta,17-beta-DIOL 3-CYCLOHEXYLPROPIONATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T12	scu-rat TDLo:24 mg/kg (12D pre)	ENDOAO 60,519,57
1T13	scu-rat TDLo:27 mg/kg (3D pre)	ENDOAO 60,519,57
1T02	scu-rat TDLo:36 mg/kg (5D male)	ENDOAO 60,519,57
1T03	scu-rat TDLo:24 mg/kg (12D male)	ENDOAO 60,519,57
1T27	scu-rat TDLo:70 mg/kg (1-14D preg)	ENDOAO 60,519,57
1T24	scu-rat TDLo:280 mg/kg (1-14D preg)	ENDOAO 60,519,57

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

17-alpha-PREGN-4-EN-20-YNO(2,3-d)ISOXAZOL-17-OL see: TU4157070

TU5570180 17-alpha-PREGN-4-EN-20-YN-3-ONE, 6-alpha-CHLORO-17-beta-HYDROXY-

UPDT:8401 MW: 345.92 MOLFM: C21-H26-Cl-O2

SYN: 6-alpha-CHLORO-17-alpha-ETHYNYLTESTOSTERONE * 6-alpha-CHLORO-17-beta-HYDROXY-17-alpha-PREGN-4-EN-20-YN-3-ONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:2500 ug/kg (1D pre)	ACEDAB 73,3,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5570190 17-alpha-PREGN-4-EN-20-YN-3-ONE, 11-beta,17-DIHYDROXY-, 17-ACETATE

UPDT:8401 MW: 370.53 MOLFM: C23-H30-O4

SYN: 11-beta,17-DIHYDROXY-17-alpha-PREGN-4-EN-20-YN-3-ONE 17-ACETATE * 17-ETHINYL-11-beta-HYDROXYTESTOSTERONE 17-MONOACETATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rbt TDLo:5 mg/kg (1D pre)	ACEDAB 28,18,56

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-, (17-alpha)- (9CI) see: TU5570250

TU5570250 17-alpha-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-

UPDT:8407 CAS: 434-03-7 MW: 312.49 MOLFM: C21-H28-O2

SYN: AETHISTERON * ANHYDROHYDROXYPROGESTERONE * ANHYDROXYPROGESTERONE * COLUTOID * ETHINONE * ETHINYLTESTOSTERONE * ETHISTERONE * ETHYNYLTESTOSTERONE * 17-ETHINYLTESTOSTERONE * 17-alpha-ETHYNYLTESTOSTERONE * GESTORAL * 17-beta-HYDROXY-17-alpha-ETHYNYL-4-ANDROSTEN-3-ONE * 17-HYDROXY-17-alpha-PREGN-4-EN-20-YN-3-ONE * LUCORTEUM ORAL * LUTIDON ORAL * LUTOCYLOL * NALUTORAL * NUGESTORAL * ORA-LUTIN * PRANONE * PREGNENINOLONE * PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-, (17-alpha)- (9CI) * PREGNIN * PRIMOLUT C * PRODOXAN * PRODROXAN * PRODUXAN * PROGESTAB * PROGESTIN P * PROGESTOLETS * PROGESTORAL * PROLUTOL * PROLUTON C * PRONE * SYNGESTROTABS * TROSINONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	orl-wmn TDLo:168 mg/kg (3W pre)	AJOGAH 76,626,58
1T53	orl-wmn TDLo:386 mg/kg (6-28W preg)	AJOGAH 84,962,62
1T53	orl-wmn TDLo:21 mg/kg (11-15W preg)	JCEMAZ 19,1369,59
1T53	orl-wmn TDLo:81900 ug/kg (16-28W preg)	JCEMAZ 19,1369,59
1T53	orl-wmn TDLo:79800 ug/kg (8-26W preg)	JCEMAZ 18,559,58
1T53	orl-wmn TDLo:56 mg/kg (15-39W pre)	JCEMAZ 18,559,58
1T53	unk-wmn TDLo:56 mg/kg (15-39W preg)	JCEMAZ 18,559,58
1T53	unk-wmn TDLo:92 mg/kg (7-39W preg)	FESTAS 11,148,60
1T53	orl-rat TDLo:200 mg/kg (17-20D preg)	ECJPAE 24,77,77
1T21	orl-rat TDLo:10 mg/kg (1D pre)	FESTAS 5,282,54
1T03	orl-rat TDLo:288 mg/kg (9D male)	PSEBAA 100,540,59
1T03	scu-rat TDLo:10 mg/kg (10D male)	PSEBAA 100,540,59
1T29	scu-rat TDLo:280 mg/kg (14D pre)	CCPTAY 5,57,72
1T12	scu-rat TDLo:140 mg/kg (14D pre)	CCPTAY 5,57,72
1T29	scu-rbt TDLo:5 mg/kg (1D pre)	ACEDAB 28,18,56

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5570260 17-alpha-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-, and trans-alpha,alpha'-DIETHYL-4,4'- STILBENEDIOL

UPDT:8312 MW: 580.87 MOLFM: C21-H28-O2 C18-H20-O2

SYN: DIETHYLSTILBESTROL and ETHISTERONE * DIETHYLSTILBESTROL and PRANONE * ETHISTERONE and DIETHYLSTILBESTROL * PRANONE and DIETHYLSTILBESTROL * PRANONE and STILBESTROL * STILBESTROL and PRANONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	orl-wmn TDLo:1050 mg/kg (4-36W preg)	JCEMAZ 19,1369,59

TUMORIGENIC DATA AND REFERENCES:

2V01T64	unk-wmn TDLo:164 mg/kg/9Y-I	BJOGAS 82,421,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5570265 17-alpha-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-, and 17-HYDROXYPREGN-4-ENE-3,20-DIONE HEXANOATE

UPDT:8305

SYN: ETHINYLTESTOSTERONE and HYDROXYPROGESTERONE CAPROATE * HYDROXYPROGESTERONE CAPROATE and ETHINYLTESTOSTERONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	mul-wmn TDLo:481 mg/kg (4-20W preg)	JCEMAZ 18,559,58

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TU5570270 17-alpha-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-, and 19-NOR-17-alpha-PREGNA-1,3,5(10)-TRIEN- 20-YNE-3,17-DIOL (1:1000)

UPDT:8312 CAS: 53568-84-6 MW: 608.93 MOLFM: C21-H28-O2 C20-H24-O2

SYN: AMENORONE FORTE * ETHINYLESTRADIOL and ETHISTERONE (1:1000) * ETHISTERONE and ETHINYLESTRADIOL (1000:1)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	orl-wmn TDLo:276 mg/kg (6-38W preg)	LANCAO 2,267,58

1T41	orl-wmn TDLo:3 mg/kg (5W preg)	NATUAS 216,83,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PREGNIN see: TU5570250
PREGNYL see: MD6953000

TU5570400 17-alpha-PREGN-20-YN-3-ONE, 17-HYDROXY-, O-(p-NITROPHENYL)OXIME
UPDT:8401 CAS: 64584-52-7 MW: 450.63 MOLFM: C27-H34-N2-O4
SYN: 17-HYDROXY-17-alpha-PREGN-20-YN-3-ONE O-(p-NITROPHENYL)OXIME
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-rat TDLo:160 mg/kg (9-12D preg)	JMCMAR 20,1546,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PRELIS see: UB7450000 2-PROPANOL, 1-ISOPROPYLAMINO-3-(p-(2-METHOXYETHYL)PHENOXY)-, TARTRATE
PRELUDIN HYDROCHLORIDE see: QE6650000
PREMALIN see: YS9100000
PREMALIN see: YS6425000
PREMALOX see: FD9100000
PREMARIN see: GL1224000

TU5786000 PREMARIN
UPDT:8407
SYN: CEE * CONJUGATED EQUINE ESTROGEN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-wmn TDLo:3 mg/kg (2-6D preg)	CCPTAY 17,443,78
1T29	orl-wmn TDLo:25500 ug/kg (49W pre)	ACEDAB 105,7,66
1T31	scu-rat TDLo:7 mg/kg (15-17D preg)	BBACAQ 385,257,75

TUMORIGENIC DATA AND REFERENCES:

3V03R60F17	orl-rat TDLo:51 mg/kg/2Y-C	TXAPA9 11,489,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PREMARIN and NORLUTIN see: RC9035000
PREMAZINE see: XY5250000
PREMAZONE see: UQ8530000
PREMERGE see: SJ9800000
PREMERGE 3 see: SJ9800000
PREMERGE PLUS see: SL1945000
PREMGARD see: GZ1310000
PREMIX see: CF7875000

TU5970000 PREMNA INTERUPTA Wall. ex DC., extract excluding roots
DEF:Indian plant belonging to the family VERBENACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:750 mg/kg	IJEBA6 18,594,80

TU5980000 PREMNA MACROPHYLLA Willd., extract
DEF:Indian plant belonging to the family VERBENACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:500 mg/kg	IJEBA6 18,594,80

PREMOBOLAN see: BV8408500
PREMOCILLIN see: XH9450000
PREMODRIN see: SH5075000
PRENALTEROL see: SL5090000
PRENAZONE see: UQ8530000
PRENDEROL see: TY5250000
PRENDIOL see: TY5250000
PRENEMA see: TU4152500
PRENIMON see: DK7175000
PRENOL see: EM9472500
PRENOLONE see: TU4152000
PRENOXDIAZINE HYDROCHLORIDE see: TM7750000
PRENTOX see: DJ2800000
PRENTOX see: XS8050000
PRENYL ACETATE see: EM9473700
PRENYL ALCOHOL see: EM9472500
PRENYLAMINE see: SH6480000
PRENYL BENZOATE see: EM9473900
4-PRENYL-1,2-DIPHENYL-3,5-DIOXOPYRAZOLIDINE see: UQ8530000
4-PRENYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE see: UQ8530000
PRENYL SALICYLATE see: EM9508000
PREP see: AS6475000
PREPALIN see: VH6750000

TU6458000 59-PREPARAT
DEF:Isolated from PROTOZOA and TRYPANOSOMA LEWISI (85GDA2 9,108,82)
UPDT:8308
TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:5000 mg/kg	85GDA2 9,108,82

PREPARATION 11 see: MC5420000
PREPARATION 125 see: KN8400000
PREPARATION 141 see: SZ5828400
PREPARATION 142 see: SZ5820600
PREPARATION 6424 see: NS1750000
PREPARATION AF see: MN4725000
PREPARATION K see: LQ7700000
PREP-DEFOLIANT see: AS6475000
PREQUIL see: TZ0175000
PREROIDE see: BV8060050
PRESAMINE see: HO1925000
PRE-SAN see: TE0250000
PRE-SATE see: SH1225000
PRESATE HYDROCHLORIDE see: SH1225000
PRESDATE see: CV5376000
PRESERVAL M see: DH2450000
PRESERVAL P see: DH2800000
PRESERV-O-SOTE see: GF8615000
PRESFERSUL see: NO8510000
PRESINOL see: AY5950000
PRESOLISIN see: AY5950000
PRESOMEN see: GL1224000
PRESOXIN see: RS7534000
PRESPERSION, 75 UREA see: YR6250000
PRESSIMEDIN see: ZG0350000
PRESSOMIN HYDROCHLORIDE see: DN4025000
PRESUREN see: TU4157250
PRETIRON see: XP3581600
PREVANGOR see: RZ2620000
PREVENOL see: FD8050000
PREVENOL 56 see: FD8050000
PREVENTAL see: SM0175000
PREVENTOL see: FD8050000
PREVENTOL see: SM0175000
PREVENTOL 1 see: SN2750000
PREVENTOL 56 see: FD8050000
PREVENTOL CMK see: GO7100000
PREVENTOL GD see: SM0175000
PREVENTOL GDC see: SM0175000
PREVENTOL I see: SN1400000
PREVENTOL O EXTRA see: DV5775000
PREVENTOL-ON see: DV7700000
PREVENTOL ON & ON EXTRA see: DV7700000
PREVEX see: EZ8860000
PREVICUR see: EZ8870000
PREVICUR-N see: EZ8860000

TU8758000 PREVOCEL #12
UPDT:8408
TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1800 mg/kg	GISAAA 48(1),84,83
*	orl-mus LD50:1800 mg/kg	GISAAA 48(1),84,83
*	orl-rbt LD50:1800 mg/kg	GISAAA 48(1),84,83
*	orl-gpg LD50:1800 mg/kg	GISAAA 48(1),84,83

PREWEED see: FD8050000
PREZA see: QC8050000
PREZERVIT see: XI2800000
PRIADEL see: OJ5800000
PRIAMIDE see: BP0693200
PRIATIN see: TU4517000
PRIAZIMIDE see: BP0693200
PRIDINOL see: TN2855000
PRIDINOL see: TN2856000
PRIDINOL HYDROCHLORIDE see: TN2856000
PRIDOXINE see: UV1300000
PRIFINIUM BROMIDE see: UY4310000
PRILEPSIN see: UV9100000
PRILTOX see: SM6300000
PRIMACIONE see: UV9100000
PRIMACLONE see: UV9100000
PRIMACOL see: QJ0875000
PRIMACONE see: UV9100000
PRIMAGRAM see: AN3430000
PRIMAKTON see: UV9100000
PRIMAL see: MF5550000
~~**PRIMAL ASE 60** see: AT4680000~~
PRIMAMYCIN see: MG8398500
PRIMANTRON see: TU4517000
PRIMAQUINE see: VA9650000
PRIMAQUINE DIPHOSPHATE see: VA9660000
PRIMAQUINE PHOSPHATE see: VA9660000
PRIMARY AMYL ACETATE see: AJ1925000
PRIMARY AMYL ALCOHOL see: SB9800000
PRIMARY DECYL ALCOHOL see: HE4375000
PRIMARY OCTYL ALCOHOL see: RH6550000
PRIMATENE MIST see: DO2625000
PRIMATOL see: XY8750000
PRIMATOL see: XY4200000
PRIMATOL see: XY5600000
PRIMATOL A see: XY5600000
PRIMATOL 25E see: XY4200000
PRIMATOL-M80 see: XY4550000
PRIMATOL P see: XY5300000
PRIMATOL Q see: XY4390000
PRIMATOL S see: XY5250000
PRIMAZE see: XY5600000
PRIMAZIN see: WO9275000
PRIME + see: DA4391600
PRIMETIN see: LK8329100

TU9152000 PRIMEX
UPDT:8306 CAS: 8041-44-9
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T75T76	orl-rat TDLo:635 gm/kg (MGN)	JONUAI 60,489,56
1T75	orl-rat TDLo:1270 gm/kg (84D pre-21D post)	JONUAI 60,489,56

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PRIMEXTRA see: AN3430000
PRIMICID see: TF1610000
PRIMIDOLOL HYDROCHLORIDE see: UV9104300
PRIMIDON see: UV9100000
PRIMIDONE see: UV9100000
PRIMIDONE and DIPHENYLHYDANTOIN (2:1) see: MU1160000
PRIMIDONE and PHENOBARBITONE see: UV9058450
PRIMIDONE and PHENYTOIN (2:1) see: MU1160000
PRIMIN see: FA2100000
PRIMINE see: SO8225000 PHENOTHIAZINE, 10-(2-(DIMETHYLAMINO)PROPYL)-, MONOHYDROCHLORIDE
PRIMOBOLAN see: BV8408500
PRIMOBOLONE see: BV8408500
PRIMOCARCIN see: MP6475000
PRIMOCORT see: HG0525000
PRIMOCORTAN see: HG0525000
PRIMODOS see: RC8990000
PRIMOFOL see: KG2975000
PRIMOGONYL see: MD6953000
PRIMOGYN see: RC8925000
PRIMOGYN B see: KG4050000
PRIMOGYN BOLEOSUM see: KG4050000
PRIMOGYN C see: RC8925000
PRIMOGYN I see: KG4050000
PRIMOGYN M see: RC8925000
PRIMOL 355 see: PY8030000
PRIMOL D see: PY8030000
PRIMOLUT see: TW0175000
PRIMOLUT C see: TU5570250
PRIMOLUT DEPOT see: TU5085000
PRIMONABOL see: BV8408500
PRIMOTEC see: TF1610000
PRIMOTEST see: XA3030000
PRIMOTESTON see: XA3030000
PRIMOVLAR see: JF8300000
PRIMROSE YELLOW see: GB3290000

TV0952000 PRIMULA DENTICULATA Sm., extract
DEF:Indian plant belonging to the family PRIMULACEAE (IJEBA6 16,228,78)
UPDT:8412

TOXICITY DATA AND REFERENCES:
1G08 ipr-rat LD50:50 mg/kg IJEBA6 16,228,78
PRINALGIN see: AF2100000
PRINCEP see: XY5250000
PRINCILLIN see: XH8425000
PRINCIPEN see: XH8425000
PRINCIPEN see: XH8350000
PRINCIPEN/N see: XH8400000
PRINICID see: TF1610000
PRINODOLOL see: UB6660000
PRINTEL'S see: WL6475000
PRINTEX 60 see: FF5800000
PRINTOP see: XY5250000
PRIODAX see: MW5150000
PRIODERM see: WM8400000
PRISCOL see: NJ1925000
PRISCOLINE see: NJ1925000
PRISILIDENE HYDROCHLORIDE see: TN7095000
PRISILIDINE see: TN7000000
PRIST see: KL5775000
PRISTACIN see: UU4900000
PRISTANE see: RZ1880000
PRISTIMERIN see: RC4905000
PRISTINAMYCIN IA see: ZA4870000
PRIVENAL see: CQ2800000
PRIVINE HYDROCHLORIDE see: NJ4375000
PRIZOLE HYDROCHLORIDE see: NJ4375000
PRO see: NT8050000
PROADIFEN see: AJ3400000
PROADIFEN HYDROCHLORIDE see: YV7175000
PRO-ALA-L-AMINOOXYPROPIONIC ACID see: UF7085000
PROASMA HYDROCHLORIDE see: SH8050000
PROAZAIMINE see: SO6825000
PROAZAMINE see: SO6825000
PROBAMATO see: TZ0175000
PROBAMYL see: TZ0175000
PROBAN see: TF7525000
PRO-BAN M see: TI4375000
PRO-BANTHINE see: BP8249200
PROBE see: RO0835000
PROBECID see: DG9400000
PROBEDRYL see: KR6825000
PROBEN see: DG9400000
PROBENECID see: DG9400000
PROBENECID ACID see: DG9400000
PROBENEMID see: DG9400000
PROBESE-P HYDROCHLORIDE see: QE6650000
PROBILIN see: XJ5131750
PROCAIN see: DG2100000
PROCAINAMIDE see: CV2275000
PROCAINAMIDE HYDROCHLORIDE see: CV2295000
PROCAINE see: DG2100000
PROCAINE AMIDE see: CV2275000
PROCAINE AMIDE HYDROCHLORIDE see: CV2295000
PROCAINE, BASE see: DG2100000
PROCAINE BENZYLPENICILLINATE see: XH9450000
PROCAINE HYDROCHLORIDE see: DG2275000
PROCAINE PENICILLIN G see: XH9450000
PROCALM see: DD2800000
PROCALMADIOL see: TZ0175000
PROCALMADOL see: TZ0175000
PROCALMIDOL see: TZ0175000
PROCAMIDE see: CV2275000
PROCANODIA see: XH9450000
PROCARBAMIDE see: TZ0175000
PROCARBAZIN (German) see: XS4550000
PROCARBAZIN (German) see: XS4725000
PROCARBAZINE see: XS4550000
PROCARBAZINE HYDROCHLORIDE see: XS4725000
PROCARDIA see: US7975000
PROCARDIN see: UK6650000
PROCARDINE see: QS4375000
PROCASIL see: YR1400000
PROCATEROL HYDROCHLORIDE see: VC8296000
PROCENE UF 1.5 see: TQ3325000
PROCETOFENIC ACID see: UA2453000
PROCHLORAZ see: NI4000400
PROCHLOROPERAZINE see: SO2700000
PROCHLOROPROAZINE HYDROGEN MALEATE see: SO3150000
PROCHLORPEMAZINE see: SO2700000
PROCHLORPERAZINE see: SO2700000
PROCHLORPERAZINE BIMALEATE see: SO3150000
PROCHLORPERAZINE DIMALEATE see: SO3150000
PROCHLORPERAZINE HYDROGEN MALEATE see: SO3150000
PROCHLORPERAZINE MALEATE see: SO3150000
PROCHLORPERIZINE MALEATE see: SO3150000
PROCHLORPROMAZINE see: SO2700000
PROCIDLIDINA see: UY1925000
PROCILAN see: UK6650000
PROCINOLOL HYDROCHLORIDE see: UA9830100
(+-)-PROCINOLOL HYDROCHLORIDE see: UA9830130
PROCION YELLOW MX 4R see: DB7000000
PROCIT see: SO6825000
PROCOL CA 540 see: CI9172000
PROCOL OA-20 see: RK2975000
PROCONAZOLE see: XZ4620000
PRO-COR see: XH2387000
PROCORMAN see: QS4375000
PROCTIN see: AZ5820000
PROCTOCORT see: GM8925000
PROCTOFOAM see: QD8750000
PROCURAN see: BP6300000
PROCYAZINE see: UG1480000
PROCYCLIDINE see: UY1925000
PROCYCLIDINE HYDROCHLORIDE see: UY1926000
PROCYKLIDIN see: UY1925000
PROCYMIDONE see: GZ2150000
PROCYTOX see: RP5950000
PRODALUMNOL see: CG3675000
PRODALUMNOL DOUBLE see: CG3675000
PRODAN see: VV8410000
PRODARAM see: ZH0525000
PRODECTINE see: FC7530000
PRODEL see: TU3671000
PRO-DEXTER see: SI1400000
PRODHYBASE ETHYL see: WI4100000
PRODHYBAS N see: WI4100000
PRODHYGINE see: WI4725000
PRODHYPHORE B see: MD0880000
PRO-DIABAN see: NY2350000
PRODICTAZIN see: SO4900000
PRODIERAZINE see: SO4900000
PRODILIDINE see: UY5640000

TV6975000 PRODIGIOZAN
UPDT:8412 CAS: 9057-00-5
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:4 mg/kg ANTBAL 28(6),442,83
alpha-**PRODINE** see: TN7000000
alpha-**PRODINE HYDROCHLORIDE** see: TN7095000
PRODIX see: TU5060000
PRODIXAMON see: BP8249200
PRO-DORM see: VA3850000
PRODOX see: TU5060000
PRODOX 131 see: SL5900000
PRODOX 133 see: SL5950000
PRODOX 146 see: SK8260000
PRODOX 156 see: SL3500000
PRODOX 340 see: ZE6825000
PRODOX ACETATE see: TU5074000
PRODOXAN see: TU5570250
PRODOX 146A-85X see: SK8260000
PRODOXOL see: JI5075000
PRODROMINE see: QD1575000
PRODROXAN see: TU5570250
PRODUCT 308 see: MM0225000
PRODUCT 5022 see: SP2975000
PRODUCT 5190 see: PB0870200
PRODUCT NO. 75 see: WT1050000
PRODUCT NO. 161 see: WT1050000
PRO-DUOSTERONE see: JF8300000
PRODUXAN see: TU5570250
PROEPTATRIENE (Italian) see: HP0550000 5H-DIBENZO(a,d)CYCLOHEPTENE-delta(sup 5),gamma-PROPYLAMINE, N,N-DIMETHYL-
PROFAM see: FD9100000
PROFAMINA see: SH9450000
PROFAMINA see: SI1750000
PROFARMIL see: TI4375000
PROFAX see: UD1842000
PROFAX 6301 see: UD1842000
PROFAX 6401 see: UD1842000
PROFAX 6423 see: UD1842000
PROFAX 6501 see: UD1842000
PROFAX 6523 see: UD1842000
PROFAX 6601 see: UD1842000
PROFAX 6723 see: UD1842000
PROFAX 6823 see: UD1842000
PROFAX A 60-008 see: TQ3325000
PROFAX 6523F see: UD1842000
PROFAX PCO 72 see: UD1842000
PROFECUNDIN see: DJ2900000
PROFEMIN see: CB2625000
PROFENAMINA (Italian) see: SO4900000
PROFENAMINE see: SO4900000
PROFENAMINUM see: SO4900000
PROFENID see: UE7570000
PROFENOFOS see: TE6975000
PROFENONE see: UH1925000
PROFERRIN see: NO7700000
PROFETAMINE see: SI0875000
PROFETAMINE see: SI1750000
PROFETAMINE PHOSPHATE see: SI0875000
PROFLAVIN see: AR8670000
PROFLAVINE see: AR8670000
PROFLAVINE DIHYDROCHLORIDE see: AR8700000
PROFLAVINE HEMISULFATE see: AR9065000
PROFLAVINE HYDROCHLORIDE see: AR9064000
PROFLAVINE MONOHYDROCHLORIDE see: AR9064000
PROFLAVINE MONOHYDROCHLORIDE HEMIHYDRATE see: AR9063000
PROFLAVINE (SULFATE) see: AR9065000
PROFLAVINE SULPHATE see: AR9065000
PROFLAVIN HEMISULPHATE see: AR9065000
PROFLAVIN SULFATE see: AR9065000
PROFLURALIN see: XU5785000
PROFOLIOL see: AR8670000
PROFOLIOL see: KG2975000
PROFOLIOL-B see: AR8670000
PROFORMIPHEN see: UB9275000
PROFORMIPHEN see: AR8670000
PROFUME A see: PB6300000
PROFUME (OBS.) see: PA4900000
PROFUNDOL see: AR8670000
PROFUNDOL see: CP8725000
PROFURA see: AR8670000
PROGALLIN P see: LW8400000
PROGARMED see: AR8670000
PRO-GASTRON see: BP8249200
PROGEKAN see: TW0175000
PRO-GEN see: AR8670000
PRO-GEN see: CF7875000
PROGEN 90 see: CF7875000
PRO-GEN 227 see: CF7875000
PRO-GEN SODIUM see: CF9625000
20-alpha-PROGEROL see: TU5559900
20-beta-PROGEROL see: TU5560000
PROGESIC see: CY1678900
PROGESIC see: AR8670000
PROGESTAB see: TU5570250
PROGESTASERT see: TW0175000

PROGESTEROL see: TW0175000
PROGESTEROL-20-alpha see: TU5559900
PROGESTEROL-20-beta see: TU5560000

TW0175000 PROGESTERONE

UPDT:8412 CAS: 57-83-0 MW: 314.51 MOLFM: C21-H30-O2

SYN: CORLUTIN * CORLUTINA * CORLUVITE * CORPORIN * CORPUS LUTEUM HORMONE * CYCLOGEST * DELTA(sup 4)-PREGNENE-3,20-DIONE * DEPO-PROVERA * FLAVOLUTAN * FOLOGENON * GESTEROL 100 * GESTONE * GESTORMONE * GLANDUCORPIN * HORMOFLAVEINE * HORMOLUTON * LINGUSORBS * LIPO-LUTIN * LUCORTEUM SOL * LUTEAL HORMONE * LUTEINE * LUTEINIQUE * LUTEODYN * LUTEOGAN * LUTEOHORMONE * LUTEOL * LUTEOSAN * LUTEOSTAB * LUTEOVIS * LUTEX * LUTIDON * LUTOCYCLIN * LUTOCYCLIN M * LUTOCYLIN * LUTOCYLOL * LUTOFORM * LUTOGYL * LUTREN * LUTROMONE * NALUTRON * NSC-9704 * PERCUTACRINE * PIAPONON * 3,20-PREGNENE-4 * PREGNENEDIONE * PREGNENE-3,20-DIONE * PREGN-4-ENE-3,20-DIONE * 4-PREGNENE-3,20-DIONE * PRIMOLUT * PROGEKAN * PROGESTASERT * PROGESTEROL * beta-PROGESTERONE * PROGESTERONUM * PROGESTIN * PROGESTONE * PROLIDON * PROLUTONE * SYNGESTERONE * SYNGESTRETS * SYNOVEX S * SYNTOLUTAN

MUTATION DATA AND REFERENCES:

	dni-hmn:lym 5 umol/L	PSEBAA 146,401,74
	dni-hmn:kdy 100 ug/L	CNJGA8 10,299,68
	cyt-hmn:kdy 100 ug/L	CNJGA8 10,299,68
	otr-rat:emb 2600 ug/L	JJIND8 67,1303,81
	dns-rat:mmr 1 gm/L	CNREA8 36,2162,76
	otr-mus:fbr 80 ug/L	JJIND8 67,1303,81
	dns-mus-scu 200 mg/kg	JOENAK 60,167,74
	dni-mus-scu 200 mg/kg	JOENAK 60,167,74
	dnd-rbt-ivn 100 ug/kg	NNGZAZ 51,1043 75
	cyt-dog-iat 100 ug/kg	NATUAS 220,1145,68

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	orl-wmn TDLo:200 mg/kg (20D pre)	AJOGAH 85,427,63
1T53	orl-wmn TDLo:113 mg/kg (6-32W preg)	JCEMAZ 19,1369,59
1T29	orl-wmn TDLo:120 mg/kg (20D pre)	VIHOAQ 17,307,59
1T13	orl-wmn TDLo:100 mg/kg (20D pre)	FESTAS 16,158,65
3T14T22T29	orl-wmn TDLo:120 mg/kg (20D pre)	ACEDAB 28,18,56
2T01T05	ims-man TDLo:50 mg/kg (70D male)	ANYAA9 71,649,58
1T04	ims-man TDLo:15 mg/kg (21D male)	ANYAA9 71,649,58
1T53	par-wmn TDLo:600 ug/kg (67-71D preg)	MACPAJ 33,200,58
1T14	par-wmn TDLo:32 mg/kg (3W pre)	AJOGAH 76,626,58
1T53	unk-wmn TDLo:386 mg/kg (18-34W preg)	AMDCA5 95,9,58
1T14	ivg-wmn TDLo:210 mg/kg (3W pre)	AJOGAH 76,626,58
2T14T22	ivg-wmn TDLo:475 ug/kg (1Y pre)	CCPTAY 13,559,76
1T21	orl-rat TDLo:25 mg/kg (1D pre)	FESTAS 5,282,54
1T03	orl-rat TDLo:180 mg/kg (9D male)	PSEBAA 100,540,59
1T21	orl-rat TDLo:50 mg/kg (1D pre)	ACEDAB 28,18,56
1T13	orl-rat TDLo:700 mg/kg (14D pre)	FESTAS 24,284,73
2T03T03	skn-rat TDLo:240 mg/kg (30D male)	STEDAM 10,687,67
1T27	scu-rat TDLo:7 mg/kg (10-16D preg)	JPHYA7 164,138,62
1T14	scu-rat TDLo:188 mg/kg (30D pre)	PSEBAA 108,3,61
1T35	scu-rat TDLo:420 mg/kg (15-17D preg)	ENDOAO 75,145,64
1T53	scu-rat TDLo:9 mg/kg (15-20D preg)	JRPFA4 5,331,63
1T41	scu-rat TDLo:4 mg/kg (9D preg)	BEXBAN 74,1255,72
1T85	scu-rat TDLo:1 mg/kg (9D preg)	BEXBAN 74,1255,72
1T29	scu-rat TDLo:500 ug/kg (2D pre)	ACEDAB 105,1,66
3T16T17T81	scu-rat TDLo:20 mg/kg (23D preg)	PSEBAA 145,1047,74
1T91	ims-rat TDLo:110 mg/kg (1-22D preg)	JCINAO 41,710,62
1T25	ims-rat TDLo:900 ug/kg (6-14D preg)	FOBGA8 16,343,68
3T02T03T09	ims-rat TDLo:200 mg/kg (48D male)	IJEBA6 5,45,67
1T34	ims-rat TDLo:30 mg/kg (1-6D preg)	FOBGA8 16,343,68
1T31	ims-rat TDLo:35 mg/kg (14-20D preg)	FOBGA8 16,343,68
1T29	ice-rat TDLo:250 ug/kg (1D pre)	JRPFA4 27,445,71
2T41T83	par-rat TDLo:36300 ug/kg (7-17D preg)	BRREAP 170,194,79
1T13	par-rat TDLo:8750 ug/kg (7D pre)	JEMEAV 102,347,55
1T48	par-rat TDLo:60 ug/kg (16-19D preg)	BEXBAN 82,1561,76
1T17	imp-rat TDLo:250 ug/kg (2D post)	BIREBV 7,109,76
1T12	imp-rat TDLo:30 mg/kg (24D pre)	BIREBV 2,315,70
1T16	unk-rat TDLo:100 mg/kg (20-24D preg)	BIREBV 16,479,77
1T29	scu-mus TDLo:100 mg/kg (1D preg)	ARTODN (Suppl 4),248,80
2T25T34	scu-mus TDLo:20 mg/kg (6-9D preg)	OYYAA2 15,955,78
1T13	scu-mus TDLo:1500 ug/kg (3D pre)	JRPFA4 5,331,63
1T02	scu-mus TDLo:2400 mg/kg (20D male)	ENDOAO 28,129,41
1T13	imp-mus TDLo:3 gm/kg (3D pre)	CCPTAY 16,357,77
1T29	unk-mus TDLo:10 mg/kg (1D pre)	FESTAS 12,346,61
1T13	scu-dog TDLo:16 mg/kg (5D pre)	CCPTAY 12,529,75
1T29	imp-dog TDLo:360 mg/kg (34W pre)	FESTAS 36,373,81
1T15	imp-dog TDLo:600 mg/kg (60W pre)	FESTAS 36,373,81
2T01T02	ihl-mky TCLo:30 ug/kg/30M (60D male)	BIREBV 22,935,80
1T29	ihl-mky TDLo:4 ug/kg (10D pre)	NATUAS 270,532,77
1T14	scu-mky TDLo:2600 ug/kg (13D pre)	PSEBAA 94,298,57
1T29	scu-mky TDLo:900 ug/kg (9D pre)	ENDOAO 90,257,72
1T29	ims-mky TDLo:12 mg/kg (8D pre)	FESTAS 39(Suppl),419,83
2T13T29	ivg-mky TDLo:85410 ug/kg (52W pre)	CCPTAY 20,339,79
1T12	ivg-mky TDLo:17155 ug/kg (52W pre)	CCPTAY 20,339,79
1T29	orl-rbt TDLo:1 mg/kg (1D pre/1D preg)	ENDOAO 79,939,66
2T21T29	orl-rbt TDLo:100 mg/kg (1D pre)	ACEDAB 73,17,63
1T24	skn-rbt TDLo:500 ug/kg (1D pre)	STEDAM 7,341,66
1T29	skn-rbt TDLo:1 mg/kg (1D pre)	STEDAM 5,699,65
1T13	scu-rbt TDLo:50 ug/kg (5D pre)	ANREAK 142,469,62
1T29	scu-rbt TDLo:50 ug/kg (1D pre)	ACEDAB 73,3,63
2T01T09	scu-rbt TDLo:70 mg/kg (14D male)	NATUAS 204,261,64
1T24	scu-rbt TDLo:300 ug/kg (2D pre/1D preg)	AJOGAH 117,167,73
1T12	scu-rbt TDLo:100 ug/kg (1D pre)	JPHYA7 181,568,65
1T21	scu-rbt TDLo:150 ug/kg (1D pre)	ACEDAB 73,3,63
1T24	ims-rbt TDLo:8 mg/kg (2-9D preg)	AJBSAM 28,291,75
1T17	ims-rbt TDLo:8 mg/kg (25-32D preg)	JANSAG 42,131,76
3T22T24T59	ims-rbt TDLo:2500 mg/kg (2D pre)	BIREBV 14,451,76
1T76	unk-rbt TDLo:120 ug/kg (6-29D preg)	CCPTAY 17,489,78
1T24	iut-rbt TDLo:684 ug/kg (14D pre/1-10D preg)	AJOGAH 109,536,71
1T22	iut-rbt TDLo:105 ug/kg (21D pre)	CCPTAY 17,465,78
1T25	iut-rbt TDLo:260 ug/kg (21D pre/1-31D preg)	CCPTAY 17,465,78
1T29	scu-pig TDLo:2250 ug/kg (1-5D preg)	JANSAG 18,163,59
1T12	scu-pig TDLo:40 mg/kg (16D pre)	JRPFA4 19,541,69
1T29	scu-pig TDLo:1667 ug/kg (1D pre)	JRPFA4 17,227,68
1T14	par-pig TDLo:5833 ug/kg (14D pre)	JANSAG 10,665,51
1T53	scu-gpg TDLo:86 mg/kg (18-60D preg)	FESTAS 19,606,68
2T02T21	ims-gpg TDLo:1480 mg/kg (70D male)	NATUAS 209,1322,66
1T29	scu-ham TDLo:240 ug/kg (1D pre)	PSEBAA 169,189,82
1T13	scu-ham TDLo:2 mg/kg (1D pre)	JRPFA4 42,341,75
2T16T72	scu-ham TDLo:80 mg/kg (1D preg)	BIREBV 6,281,72
1T22	scu-ham TDLo:32 mg/kg (1D pre)	JRPFA4 16,499,68
1T21	par-ham TDLo:2400 ug/kg (3D pre)	JRPFA4 37,269,74
2T01T09	scu-ctl TDLo:3 mg/kg (30D male)	ENDOAO 77,203,65
2T14T29	scu-dom TDLo:1273 ug/kg (14D pre)	ENDOAO 43,208,48
2T14T22	ims-dom TDLo:2545 ug/kg (7D pre)	JRPFA4 4,57,62
1T16	par-hor TDLo:16667 ug/kg (45-47W preg)	JRFSAR 23,637,75

TUMORIGENIC DATA AND REFERENCES:

2V02R60	scu-mus TDLo:40 mg/kg	BJCAAI 19,824,65
2V02V08	imp-mus TDLo:1296 mg/kg/77W-C	NATUAS 212,686,66
2V03R60	ims-dog TDLo:26643 mg/kg/4Y-I	FESTAS 31,340,79
2V03L60	imp-dog TDLo:270 mg/kg/78W	36PYAS -,145,77
2V02R60	scu-mus TD :9500 mg/kg/19W-I	BJCAAI 19,824,65
2V02T63	imp-mus TD :1300 mg/kg/78W-I	BJCAAI 21,144,67
2V02V08	imp-mus TD :2592 mg/kg/77W-C	NATUAS 212,686,66
2V02V08	imp-mus TD :14 gm/kg/77W-C	NATUAS 212,686,66
2V03V08	imp-mus TD :648 mg/kg/77W-C	NATUAS 212,686,66
2V03V08	imp-mus TD :216 mg/kg/77W-C	NATUAS 212,686,66
2V03V08	imp-mus TD :19 gm/kg/77W-C	NATUAS 212,686,66

TOXICITY DATA AND REFERENCES:

*	ipr-rat LDLo:327 mg/kg	MEIEDD 10,1120,83
	ivn-mus LDLo:100 mg/kg	JMCMAR 11,117,68

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ACEDAB 75(185),169,74; PCNAA8 8,413,61; JOPDAB 59,1,61; CMROCX 4,309,76; ACEDAB 51,671,60; JRPMAP 13,113,74

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 6,135,74
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 21,491,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

beta-PROGESTERONE see: TW0175000
PROGESTERONE CAPROATE see: TU5085000
PROGESTERONE mixed with ESTRADIOL BENZOATE (14:1 moles) see: KG4200000
PROGESTERONE mixed with ESTRADIOL, 3-BENZOATE (14:1 moles) see: KG4200000
PROGESTERONE mixed with ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL 3-BENZOATE (14:1 moles) see: KG4200000
PROGESTERONE-11-alpha HEMISUCCINATE coupled to BOVINE SERUM ALBUMIN see: TU5083000
PROGESTERONE, 21-HYDROXY- see: HG0350000
PROGESTERONE, 17-alpha-HYDROXY-6-alpha-METHYL-, ACETATE see: TU5010000
PROGESTERONE RETARD PHARLON see: TU5085000
PROGESTERONUM see: TW0175000
PROGESTIN see: TW0175000
PROGESTIN P see: TU5570250
PROGESTOLETS see: TU5570250
PROGESTONE see: TW0175000
PROGESTORAL see: TU5570250
PRO-GIBB see: LY8990000
PROGLICEM see: DK8185000
PROGLUMETACINA (Spanish) see: NL3520500
PROGLUMETACIN MALEATE see: NL3520500
PROGLUMIDE see: SA3680000
PROGLUMIDE SODIUM see: MA2815000
PROGUANIL see: DU1225000
PROGUANIL HYDROCHLORIDE see: DU1750000
PROGYNON see: KG2975000
PROGYNON see: KG5793000
PROGYNON B see: KG4050000
PROGYNON BENZOATE see: KG4050000
PROGYNON C see: RC8925000
PROGYNON-DEPOT see: KG5793000
PROGYNON-DH see: KG2975000
PROGYNON-DP see: KG4725000
PROGYNOVA see: KG5793000
PROHEPTADIENE see: HO9275000
PROHEPTADIEN MONOHYDROCHLORIDE see: HO9450000
PROHEPTATRIENE see: HP0550000 5H-DIBENZO(a,d)CYCLOHEPTENE-delta(sup 5),gamma-PROPYLAMINE,N,N-DIMETHYL-
PROHEPTATRIENE HYDROCHLORIDE see: HP0875000
PROHEPTATRIEN MONOHYDROCHLORIDE see: HP0875000
PROKALM see: DD2800000
PROKARBOL see: GO9625000

TW2895000 PROLACTIN

UPDT:8408 CAS: 9002-62-4

SYN: ADENOHYPOPHYSEAL LUTEOTROPIN * ANTERIOR PITUITARY LUTEOTROPIN * BOVINE LACTOGENIC HORMONE * BOVINE PROLACTIN * GALCTIN * LACTOGEN * LACTOGENIC HORMONE * LACTOSOMATOTROPIC HORMONE * LUTEOTROPHIN * LUTEOTROPIC HORMONE * LUTEOTROPIC HORMONE LTH * LUTEOTROPIN * MAMMOTROPIN * PARALCTIN * PITUITARY LACTOGENIC HORMONE

MUTATION DATA AND REFERENCES:

	dns-sat-scu 40 mg/kg	CNREA8 36,2223,76
	dns-rat:mmr 5 mg/L	CNREA8 36,2162,76
	dns-rbt-par 62 ug/kg	JNCSAI 14,105,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T71	scu-rat TDLo:12500 ug/kg (16-20D preg)	PSEBAA 94,746,57
1T24	scu-rat TDLo:1 mg/kg (3D preg)	BIREBV 10,327,74
1T29	ice-rat TDLo:625 ug/kg (8-10D preg)	ENDOAO 83,1273,68
1T29	imp-rat TDLo:1250 ug/kg (6D preg)	PSEBAA 130,628,69
1T14	scu-mus TDLo:36 mg/kg (9D pre)	IJEBA6 16,1233,78
1T19	ims-mky TDLo:1 mg/kg (1D post)	NATUAS 292,507,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROLAMINE see: UX9650000
PROLAN see: TX3675000
PROLAN B see: LP6330000
PROLAN (CSC) see: TX3675000
PROLATE see: TE2275000
PROLAX see: TZ1225000
PROLAXIN see: TZ1225000
PROLIDON see: TW0175000

TW3570000 PROLIN

UPDT:8309 CAS: 37341-99-4 MW: 608.71 MOLFM: C19-H16-O4 C14-H12-N4-O2 S

SYN: BANARAT * ERAZE * FINAL * PLACE-PAX * TOX-HID * WARFARIN Q CONCENTRATE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1000 mg/kg	85ARAE 3,116,76

PROLIN see: DA9700000 BENZENESULFONAMIDE, 4-AMINO-N-2-QUINOXALINYL-, mixt. with 4-HYDROXY-3(3-OXO-1-PHENYLBUTYL)- 2H-1-BENZOPYRAN-2-ONE

TW3577000 L-PROLINAMIDE, N,N-DIMETHYL-L-PHENYLALANYL-N-(5,8-DIOXO-3-PHENYL-7-(PHENYLMETHYL)-2-OXA-6,9- DIAZABICYCLO(10.2.2)HEXADECA-10,12,14,15-TETRAEN-4-YL)-, (3R-(3R*,4S*,7S*))-, SULFAMATE

UPDT:8309 CAS: 19542-40-6 MW: 797.02 MOLFM: C42-H45-N5-O5 H3-N-O3-S

SYN: ADOUETINE Z AMIDOSULFONATE (French)
TOXICITY DATA AND REFERENCES:
3F11F12J30 ivn-mus LD50:53 mg/kg APFRAD 21,147,63

TW3589000 PROLINE, L-, pyrolyzate
UPDT:8407
SYN: L-PROLINE, pyrolyzate
MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate MUREAV 48,279,77

TW3665000 PROLINE, 1-(DITHIOCARBOXY)-, ZINC SALT, DIHYDRATE
UPDT:8408 MW: 290.67 MOLFM: C6-H7-N-O2-S2 .Zn .2H2-O
SYN: 1-(DITHIOCARBOXY)PROLINE ZINC SALT DIHYDRATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:13 mg/kg PRLFAG 32(2),55,80

TW3670000 PROLINE, 4-HYDROXY-1-NITROSO-, L-
UPDT:8209 CAS: 30310-80-6 MW: 160.15 MOLFM: C5-H8-N2-O4
SYN: trans-4-HYDROXY-1-NITROSO-L-PROLINE * N-NITROSOHYDROXYPROLINE
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 17,303,78

TW3673000 PROLINE, 4-HYDROXY-1-PALMITOYL-, PALMITATE (ester)
UPDT:8311 MW: 608.07 MOLFM: C37-H69-N-O5
SYN: 4-HYDROXY-1-PALMITOLYPROLINE PALMITATE (ester) * 1-PALMITOYL-4-PALMITOYLOXYPROLINE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg MLD FCTOD7 20,563,82
eye-rbt 100 mg MLD FCTOD7 20,563,82
eye-rbt 100 mg/45 rns MLD FCTOD7 20,573,82

L-PROLINE, 1-(3-MERCAPTO-2-METHYL-1-OXOPROPYL)-, (S)- see: UY0350000

TW3680000 PROLINE, N-NITROSO-, L-
UPDT:8210 CAS: 7519-36-0 MW: 144.15 MOLFM: C5-H8-N2-O3
SYN: 1-NITROSO-L-PROLINE * N-NITROSO-L-PROLINE * NO-Pro * NPRO
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:770 mg/kg/BW-I JMCMAR 16,583,73
TOXICITY DATA AND REFERENCES:
2J30K30 ipr-mus LD50:203 mg/kg JMCMAR 16,583,73
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 17,303,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROLINTANE HYDROCHLORIDE see: UY2450000
PROLIXAN see: UQ9835000
PROLIXAN see: UQ9840000
PROLIXIN see: TL9730000
PROLIXINE see: TL9730000
PROLONGAL see: NI2200000
PROLONGINE see: DG9400000
PROLOPRIM see: UV8225000
PROLOXIN see: TZ1225000
PROLUTOL see: TU5570250
PROLUTON C see: TU5570250
PROLUTON DEPOT see: TU5085000
PROLUTONE see: TW0175000
PROMACID see: SO1750000
PROMACTIL see: SN8925000
PROMAMIDE see: CV3460000
PROMANIDE see: LZ8100000
PROMANTINE see: SO8225000 PHENOTHIAZINE, 10-(2-(DIMETHYLAMINO)PROPYL)-, MONOHYDROCHLORIDE
PROMAPAR see: SO1750000
PROMAR see: NK5600000
PROMARIT see: GL1224000
PROMASSOL see: MF5550000
PROMATE see: TZ0175000
PROMATO see: TZ0175000
PROMAZIL see: SN8925000
PROMAZIN see: SO7000000
PROMAZINA (Italian) see: SO7000000
PROMAZINAMIDE see: SO6825000
PROMAZINE see: SO7000000
PROMAZINE, ACETYL- see: OB2275000
PROMAZINE and PETHIDINE (1:2) see: NS5800000
PROMAZINE PHOSPHATE see: SO8650000
PROMECARB see: FB8050000
PROMECARBE see: FB8050000
PROMEDOL see: TN8000000
PROMERAN see: OW1050000
PROMETASIN see: SO6825000
PROMETAZIN see: SO6825000
PROMETHAZINE see: SO6825000
PROMETHAZINE N-(2'-DIMETHYLAMINO-2'-METHYLETHYL)PHENOTHIAZINE HYDROCHLORIDE see: SO8225000
PROMETHAZINE HYDROCHLORIDE see: SO8225000
PROMETHIAZIN (German) see: SO8225000
PROMETHIAZINE see: SO6825000
PROMETON see: XY4200000
PROMETONE see: XY4200000
PROMETREX see: XY4390000
PROMETRIN see: XY4390000
PROMETRYN see: XY4390000
PROMETRYNE see: XY4390000
PROMEZATHINE see: SO6825000
PROMIBEN see: HO1575000
PROMIDIONE see: NI8870000
PROMIN see: LZ8100000
PROMIN SODIUM see: LZ8100000
PROMOTIL see: UY2450000
PROMPTONAL see: CQ6825000
PROMUL 5080 see: WI4025000
PROMURIT see: XX9625000
PROMURITE see: XX9625000
PRONABOL see: RC8961200
PRONAMIDE see: CV3460000
PRONDOL see: GY0350000
PRONE see: TU5570250
PRONESTYL see: CV2275000
PRONESTYL HYDROCHLORIDE see: CV2295000
PRONETALOL see: QJ9100000
PRONETHALOL see: QJ9100000
PRONETHALOL see: QJ9275000
PRONETHALOL HYDROCHLORIDE see: QJ9275000
PRONOX see: CQ2980000
PRO-NOX FISH see: DJ2800000
PRONTALBIN see: WO8400000
PRONTODIN see: QD9800000
PRONTOSIL ALBUM see: WO8400000
PRONTOSIL I see: WO8400000
PRONTOSIL WHITE see: WO8400000
PRONTYLIN see: WO8400000
PRONZIN ALBUM see: WO8400000
PROPACHLOR see: AE1575000
PROPACHLORE see: AE1575000
PROPACIL see: YR1400000
PROPADERM see: TU3805000
PROPADIENE see: BA0400000
1,2-PROPADIENE (9CI) see: BA0400000
PROPADIENE (DOT) see: BA0400000
PROPADRINE see: RC2275000
PROPADRINE HYDROCHLORIDE see: DN4200000
PROPADRINE, HYDROCHLORIDE see: RC2975000
PROPAFILM see: UD1842000
PROPAL see: RT4900000
PROPAL see: UE9750000
PROPALDEHYDE see: UE0350000
PROPALDON see: CQ1050000
PROPALGYL see: AH2790000
PROPALLYLONAL see: CQ1050000
PROPAMIDINE DIHYDROCHLORIDE see: CV6580000
PROPAMINE D see: KV7175000
PROPAMOCARB HYDROCHLORIDE see: EZ8860000
PROPANAL see: UE0350000
PROPANAL, 3,3'-(1,4-BUTANEDIYLDIIMINO)BIS-, DIHYDROCHLORIDE see: UE2600000
PROPANAL, 2-CHLORO- (9CI) see: UE0370000
PROPANAL, 3,3'-(1,9-DECANEDIYLDIIMINO)BIS-, DIHYDROCHLORIDE see: UE2287500
PROPANAL, 2-METHYL- see: NQ4025000
PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-((METHYLAMINO)CARBONYL))OXIME see: UE2275000
PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-((METHYLNITROSOAMINO)CARBONYL)OXIME (9CI) see: UE2280000
PROPANAL, 3-(METHYLTHIO)- (9CI) see: UE2285000
PROPANALOL see: UB7500000

TX1404200 PROPANAMIDE, N-(4-ACETYL-1-(2-PHENYLETHYL)-4-PIPERIDINYL)-N-PHENYL-
UPDT:8405 CAS: 60644-99-7 MW: 378.56 MOLFM: C24-H30-N2-O2
SYN: N-(4-ACETYL-1-(2-PHENYLETHYL)-4-PIPERIDINYL)-N-PHENYPROPANAMIDE * R 32557
TOXICITY DATA AND REFERENCES:
1F29 ivn-rat LD50:3210 ug/kg ARZNAD 26,1548,76

TX1410000 PROPANAMIDE, 2-(4-CHLOROPHENOXY)-2-METHYL-N-(((4-MORPHOLINYLMETHYL)AMINO)CARBONYL)-
UPDT:8403 CAS: 63394-05-8 MW: 355.86 MOLFM: C16-H22-Cl-N3-O4
SYN: N-2(p-CHLOROPHENOXY)ISOBUTYRYL-N'-MORPHOLINOMETHYLUREA * N-2(p-CHLOROPHENOXY)-2-METHYLPROPIONYL-N'-MORPHOLINOMETHYLUREA * IDONOR * ITA-104 * N'-MORPHOLINOMETHYLUREA, N-2-(p-CHLOROPHENOXY)ISOBUTYRYL- * PERIFUNAL * PLAFIBRIDA (Spanish) * PLAFIBRIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T41 orl-rat TDLo:2500 mg/kg (6-15D preg) ARZNAD 31,1831,81
3T25T46T53 orl-rbt TDLo:325 mg/kg (6-18D preg) ARZNAD 31,1831,81
1T27 orl-rbt TDLo:1300 mg/kg (6-18D preg) ARZNAD 31,1831,81
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:975 mg/kg DRFUD4 4,42,79
* ivn-rat LD50:95 mg/kg ARZNAD 31,1816,81
* orl-mus LD50:3365 mg/kg ARZNAD 31,1816,81
* ipr-mus LD50:710 mg/kg ARZNAD 31,1816,81
* ivn-mus LD50:126 mg/kg ARZNAD 31,1816,81
orl-gpg LD50:2168 mg/kg DRFUD4 4,42,79
* ipr-ham LD50:880 mg/kg ARZNAD 31,1816,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROPANAMIDE, N-(3,4-DICHLOROPHENYL)- see: UE4900000
PROPANAMIDE, N-(2,3-DIHYDRO-1,5-DIMETHYL-3-OXO-2-PHENYL-1H-PYRAZOL-4-YL)-2-(DIMETHYLAMINO)- see: UE3090300
PROPANAMIDE, 2-(DIMETHYLAMINO)-N-(1,3-DIPHENYL-1H-PYRAZOL-5-YL)- (9CI) see: UE3865000

TX1452500 PROPANAMIDE, N-(1-(2-(4-ETHYL-4,5-DIHYDRO-5-OXO-1H-TETRAZOL-1-YL)ETHYL)-4-(METHOXYMETHYL)- 4-PIPERIDINYL)-N-PHENYL-, MONOHYDROCHLORIDE
UPDT:8306 CAS: 69049-06-5 MW: 453.05 MOLFM: C21-H32-N6-O3 .Cl-H
SYN: ALFENTANIL HYDROCHLORIDE * R 39209
TOXICITY DATA AND REFERENCES:
1F29 ivn-rat LD50:47500 ug/kg DDREDK 1,83,81

PROPANAMIDE, 2-HYDROXY-N-(2-HYDROXYETHYL)- see: OD2400000

TX1474000 PROPANAMIDE, N-(4-(METHOXYMETHYL)-1-(2-PHENYLETHYL)-4-PIPERIDINYL)-N-PHENYL-
UPDT:8405 CAS: 60618-49-7 MW: 380.58 MOLFM: C24-H32-N2-O2
SYN: N-(4-(METHOXYMETHYL)-1-(2-PHENYLETHYL)-4-PIPERIDINYL)-N-PHENYLPROPANAMIDE * R 30490
TOXICITY DATA AND REFERENCES:
1F29 ivn-rat LD50:10200 ug/kg ARZNAD 26,1548,76

PROPANAMIDE, 2-METHYL-N-(4-NITRO-3-(TRIFLUOROMETHYL)PHENYL)- (9CI) see: UG5700000
PROPANAMIDE, N-(2-(METHYL(2-PHENYLETHYL)AMINO)PROPYL)-N-PHENYL- (9CI) see: UE5296000PROPIONANILIDE, N-(2-(METHYLPHENETHYLAMINO)PROPYL)-
PROPANAMIDE, N-(1-METHYL-2-(1-PIPERIDINYL)ETHYL)-N-PHENYL- (9CI) see: UE5410000PROPIONANILIDE, N-(1-METHYL-2-PIPERIDINOETHYL)-
PROPANAMIDE, N-(1-METHYL-2-(1-PIPERIDINYL)ETHYL)-N-2-PYRIDINYL-, (E)-2-BUTENEDIOATE (1:1) see: UE4526000

TX1487000 PROPANAMIDE, N-(4-(1-OXOPROPYL)-1-(2-PHENYLETHYL)-4-PIPERIDINYL)-N-PHENYL-
UPDT:8405 CAS: 60644-97-5 MW: 392.59 MOLFM: C25-H32-N2-O2
SYN: N-(4-(1-OXOPROPYL)-1-(2-PHENYLETHYL)-4-PIPERIDINYL)-N-PHENYLPROPANAMIDE * R 33036
TOXICITY DATA AND REFERENCES:
1F29 ivn-rat LD50:3 mg/kg ARZNAD 26,1548,76

TX1488000 PROPANAMIDE, N-(4-(1-OXOPROPYL)-1-(2-(2-THIENYL)ETHYL)-4-PIPERIDINYL)-N-PHENYL-
UPDT:8405 CAS: 60614-96-4 MW: 399.61 MOLFM: C23-H30-N2-O2-S
SYN: N-(4-(1-OXOPROPYL)-1-(2-(2-THIENYL)ETHYL)-4-PIPERIDINYL)-N-PHENYLPROPANAMIDE * R 33352
TOXICITY DATA AND REFERENCES:
1F29 ivn-rat LD50:2900 ug/kg ARZNAD 26,1548,76

PROPANAMIDE, N-PHENYL-N-(1-(2-PHENYLETHYL)-4-PIPERIDINYL)- (9CI) see: UE5550000
PROPANAMINE see: UH9100000
2-PROPANAMINE see: NT8400000
1-PROPANAMINE, N,N-BIS(2-CHLOROETHYL)-2-METHYL-, HYDROCHLORIDE see: UH9875000
1-PROPANAMINE, 3-BROMO-, HYDROBROMIDE see: UH9925000
1-PROPANAMINE, 3-(2-CHLORO-9H-THIOXANTHEN-9-YLIDENE)-N,N-DIMETHYL-, (Z)- see: XO1050000
1-PROPANAMINE, 3-(5H-DIBENZO(a,d)CYCLOHEPTEN-5-YLIDENE)-N,N-DIMETHYL-, HYDROCHLORIDE see: HP0875000

1-PROPANAMINE, 3-DIBENZO(b,e)THIEPIN-11(6H)-YLIDENE-N,N-DIMETHYL-, HYDROCHLORIDE see: HQ2975000
1-PROPANAMINE, 3-DIBENZ(b,e)OXEPIN-11(6H)YLIDENE-N,N-DIMETHYL-, HYDROCHLORIDE see: HQ4375000
1-PROPANAMINE, 3-(10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTEN-5-YLIDENE)-N,N-DIMETHYL-, HCl see: HO9450000
1-PROPANAMINE, 3-(10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTEN-5-YLIDENE)-N,N-DIMETHYL-N-OXIDE see: HO9550000
1-PROPANAMINE, N,N-DIMETHYL- see: UI0990000
1-PROPANAMINE, 3-(10,10-DIMETHYL-9(10H)-ANTHRACENYLIDENE)-N,N-DIMETHYL- (9CI) see: CB0770000 delta-(sup 9(10),gamma)-ANTHRACENEPROPYLAMINE, N,N,10,10-TETRAMETHYL-
1-PROPANAMINE, 3-(10,10-DIMETHYL-9(10H)-ANTHRACENYLIDENE)-N,N-DIMETHYL-, HYDROCHLORIDE (9CI) see: CB0875000

TX1537000 1-PROPANAMINE, N-(2-(2-(6,6-DIMETHYLBICYCLO(3.1.1)HEPT-2-YL)ETHOXY)ETHYL)-N-PROPYL-, CITRATE
UPDT:8406 CAS: 83440-64-6 MW: 487.71 MOLFM: C19-H37-N-O.C6-H8-O7
SYN: N-(2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYL)DIPROPYLAMINE CITRATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:36 mg/kg APFRAD 40,133,82

2-PROPANAMINE, 1-(2,6-DIMETHYLPHENOXY)-, HYDROCHLORIDE (9CI) see: KR9310000
1-PROPANAMINE, N,N-DIMETHYL-3-((1-(PHENYLMETHYL)CYCLOHEPTYL)OXY)-, (E)-2-BUTENEDIOATE (1:1) see: UH9450000
1-PROPANAMINE, N,N-DIMETHYL-3-((1-PHENYLMETHYL)-1H-INDAZOL-3-YL)OXY)-, HYDROCHLORIDE see: NK7875000

TX1575000 1-PROPANAMINE, N,N-DIPROPYL-
UPDT:8408 CAS: 102-69-2 MW: 143.31 MOLFM: C9-H21-N
SYN: TRIPROPYLAMINE (8CI) * TRI-n-PROPYLAMINE * TRIPROPYLAMINE (DOT) * UN 2260 (DOT)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:72 mg/kg AIHAAP 30,470,69
ihl-rat LCLo:750 ppm/4H AIHAAP 30,470,69
* ihl-mus LC50:3800 mg/m3/2H 85GMAT -,118,82
* skn-rbt LD50:429 mg/kg AIHAAP 30,470,69
* ihl-mam LC50:5100 mg/m3 TPKVAL 14,80,75
* unk-mam LD50:740 mg/kg TPKVAL 14,80,75
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID;LABEL:FLAMMABLE LIQUID, CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-PROPANAMINE, 3-HYDRAZINO-N,N-DIMETHYL-, DIHYDROCHLORIDE see: MV2704500
2-PROPANAMINE, N-(1-METHYLETHYL)- see: IM4025000

TX1750000 1-PROPANAMINE, 2-METHYL-N-(2-METHYLPROPYL)-
UPDT:8407 CAS: 110-96-3 MW: 129.28 MOLFM: C8-H19-N
SYN: DIISOBUTYLAMINE * DIISOBUTYLAMINE (DOT) * UN 2361 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:258 mg/kg HYSAAV 34(7-9),426,69
orl-mus LD50:629 mg/kg HYSAAV 34(7-9),426,69
orl-gpg LD50:620 mg/kg HYSAAV 34(7-9),426,69
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROPANAMINE, N-NITROSO-N-PROPYL- see: JL9700000
1-PROPANAMINE, 3,3'-(OXYBIS(2,1-ETHANEDIYLOXY))BIS- see: ID6475000
1-PROPANAMINE, N-PROPYL- see: JL9200000
1-PROPANAMINIUM, 2-(ACETYLOXY)-N,N,N-TRIMETHYL- see: BR5200000
1-PROPANAMINIUM, N,N-DIETHYL-N-METHYL-2-(2-(TRIMETHYLAMMONIO)ETHOYL)-, DIIODIDE (9CI) see: BR8475000
1-PROPANAMINIUM, N,N,N-TRIETHYL-3-OXO-3-(2-(TRIETHYLAMMONIO)ETHOXY)-, DIBROMIDE (9CI) see: BP2295000
1,3-PROPAN-BIS-(4-HYDROXYIMINOMETHYL-PYRIDINIUM-(1))-DIBROMIDS (German) see: UU7525000

TX2275000 PROPANE
UPDT:8404 CAS: 74-98-6 MW: 44.11 MOLFM: C3-H8
SYN: DIMETHYLMETHANE * PROPANE (DOT) * PROPYL HYDRIDE * UN 1075 (DOT) * UN 1978 (DOT)
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1000 ppm (SCP-G) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S87
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE 1985
REPORTED IN EPA TSCA INVENTORY, 1983

PROPANE, 1-(ALLYLOXY)-2,3-EPOXY- see: RR0875000
PROPANE, 2-AMINO- see: NT8400000

TX2640000 PROPANE, 1-(9-ANTHRYLMETHOXY)-2,3-EPOXY-
UPDT:8403 MW: 264.34 MOLFM: C18-H16-O2
SYN: 1-(9-ANTHRYLMETHOXY)-2,3-EPOXYPROPANE * 9-ANTHRYLMETHYL GLYCIDYL ETHER * OXIRANE, (9-ANTHRYLMETHOXY)-
MUTATION DATA AND REFERENCES:
mmo-sat 1 mmol/L CBINAB 45,153,83

TX2800000 PROPANEARSONIC ACID, CALCIUM SALT (1:1)
UPDT:7901 CAS: 126-94-3 MW: 206.10 MOLFM: C3-H7-As-Ca-O3
SYN: CALCIUM PROPANEARSONATE * CALCIUM PROPYL ARSONATE * NO-CRAB
TOXICITY DATA AND REFERENCES:
orl-rat LD50:355 mg/kg 28ZEAL 4,329,69
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX2860000 PROPANE, 1-(BENZYLOXY)-2,3-EPOXY-
UPDT:8403 CAS: 2930-05-4 MW: 164.22 MOLFM: C10-H12-O2
SYN: BENZYL GLYCIDYL ETHER * 1-(BENZYLOXY)-2,3-EPOXYPROPANE * (BENZYLOXYMETHYL)OXIRANE * OXIRANE, ((PHENYLMETHOXY)METHYL)- (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 6 mmol/L CBINAB 45,153,83

TX2900000 PROPANE, 1,3-BIS(1-AZIRIDINYLSULFONYL)-
UPDT:8402 CAS: 19218-16-7 MW: 254.35 MOLFM: C7-H14-N2-O4-S2
SYN: AZIRIDINE, 1,1'-(TRIMETHYLENEDISULFONYL)BIS- * BEP * omega,omega'-BIS-(ETHYLENEIMINOSULPHONYL)PROPANE * 1,3-BIS(ETHYLENIMINOSULFONYL)PROPANE * 1,3-DI(ETHYLENESULPHAMOYL)PROPANE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 4 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 4 mg/kg BJPCAL 6,357,51
TUMORIGENIC DATA AND REFERENCES:
2V02V16 scu-rat TDLo:80 mg/kg/1 ANYAA9 68,750,58
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX2938000 PROPANE, 2,2-BIS(4,4-BIS-(BUTYLPEROXY)CYCLOHEXYL)-, more than 42% with inert solid
UPDT:8308 MW: 560.91 MOLFM: C31-H60-O8
SYN: 2,2-DI(4,4-tert-BUTYLPEROXYCYCLOHEXYL)PROPANE, more than 42% with inert solid (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

TX2939000 PROPANE, 2,2-BIS(4,4-BIS(tert-BUTYLPEROXY)CYCLOHEXYL)-, not more than 42% with inert solid
UPDT:8308 MW: 560.91 MOLFM: C31-H60-O8
SYN: 2,2-DI(4,4-DI-tert-BUTYLPEROXYCYCLOHEXYL)PROPANE, not more than 42% with inert solid (DOT) * UN 2168 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

PROPANE, 1,3-BIS(CARBAMOYLTHIO)-2-(N,N-DIMETHYLAMINO)-, HYDROCHLORIDE see: FD1225000

TX3675000 PROPANE, 1,1-BIS(p-CHLOROPHENYL)-2-NITRO-
UPDT:8307 CAS: 117-27-1 MW: 310.19 MOLFM: C15-H13-Cl2-N-O2
SYN: 1,1-BIS(p-CHLOROPHENYL)-2-NITROPROPANE * C.I. AZOIC DIAZO COMPONENT 37 * CS 645A * DNP * ENT 22,784 * 2-NITRO-1,1-BIS(p-CHLOROPHENYL)PROPANE * 1,1'-(2-NITROPROPYLIDENE)BIS(4-CHLOROBENZENE) * PROLAN * PROLAN (CSC)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:750 mg/kg 85ESA3 9,857,76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 1(1),93,71
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO GLYCIDYL ETHERS recm std-air:CL 5 mg/m3/15M NTIS**

TX3695000 PROPANE, 1,1-BIS(p-CHLOROPHENYL)-2-NITRO- mixed with 1,1-BIS(p-CHLOROPHENYL)-2-NITRO BUTANE (1:2)
UPDT:8309
SYN: 1,1-BIS(p-CHLOROPHENYL)-2-NITROPROPANE mixed with 1,1-BIS(p-CHLOROPHENYL)-2-NITROBUTANE(1:2) * CS 708 * DILAN * ENT 18,066 * MIXTURE of BULAN and PROLAN (2:1)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:475 mg/kg FMCHA2 -,C80,83
orl-mus LD50:1100 mg/kg FEPRA7 12,368,53
ipr-mus LD50:950 mg/kg FEPRA7 12,368,53
orl-mam LD50:1100 mg/kg PCOC** -,929,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX3699000 PROPANE, 1,3-BIS(DIAZO)-
UPDT:8308 MW: 96.11 MOLFM: C3-H4-N4
SYN: 1,3-DIAZOPROPANE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

TX3760000 PROPANE, 1,3-BIS(2,3-EPOXYPROPOXY)-2,2-DIMETHYL-
UPDT:8401 CAS: 17557-23-2 MW: 216.31 MOLFM: C11-H20-O4
SYN: 1,3-BIS(2,3-EPOXYPROPOXY)-2,2-DIMETHYLPROPANE * DIGLYCIDYL ETHER of NEOPENTYL GYLCOL * 2,2'-((2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OXYMETHYLENE))BISOXIRANE * HELOXY WC68 * NEOPENTYL GLYCOL DIGLYCIDYL ETHER * OXIRANE, 2,2'-((2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OXYMETHYLENE))BIS- (9CI)
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:9393 mg/kg/2Y-I NTIS** ORNL-5762
2V03R60 skn-mus TD :11 gm/kg/3Y-I NTIS** ORNL-5762
2V03R60 skn-mus TD :17 gm/kg/2Y-I NTIS** ORNL-5762
2V03R60 skn-mus TD :25 gm/kg/3Y-I NTIS** ORNL-5762
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX3800000 PROPANE, 2,2-BIS(p-2,3-EPOXYPROPOXY)PHENYL)-
UPDT:8401 CAS: 1675-54-3 MW: 340.45 MOLFM: C21-H24-O4
SYN: ARALDITE 6010 * 2,2-BIS(4-(2,3-EPOXYPROPYLOXY)PHENYL)PROPANE * BIS(4-GLYCIDYLOXYPHENYL)DIMETHYAMETHANE * 2,2-BIS(p-GLYCIDYLOXYPHENYL)PROPANE * 2,2-BIS(4-HYDROXYPHENYL)PROPANE, DIGLYCIDYL ETHER * BIS(4-HYDROXYPHENYL)DIMETHYLMETHANE DIGLYCIDYL ETHER * 2,2-BIS(p-HYDROXYPHENYL)PROPANE, DIGLYCIDYL ETHER * BISPHENOL A DIGLYCIDYL ETHER * D.E.R. 332 * DIGLYCIDYL BISPHENOL A ETHER * DIGLYCIDYL ETHER of 2,2-BIS(p-HYDROXYPHENYL)PROPANE * DIGLYCIDYL ETHER of 2,2-BIS(4-HYDROXYPHENYL)PROPANE * DIGLYCIDYL ETHER of BISPHENOL A * DIGLYCIDYL ETHER of 4,4'-ISOPROPYLIDENEDIPHENOL * 4,4'-DIHYDROXYDIPHENYLDIMETHYLMETHANE DIGLYCIDYL ETHER * p,p'-DIHYDROXYDIPHENYLDIMETHYLMETHANE DIGLYCIDYL ETHER * EPI-REZ 508 * EPI-REZ 510 * EPON 828 * EPOXIDE A * ERL-2774 * 4,4'-ISOPROPYLIDENEDIPHENOL DIGLYCIDYL ETHER * 2,2'-((1-METHYLETHYLIDENE)BIS(4,1-PHENYLENEOXYMETHYLENE))BISOXIRANE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 4/21/67
eye-rbt 2 mg/24H SEV 28ZPAK -,137,72
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate MUREAV 66,367,79
mmo-sat 50 ug/plate MUREAV 66,367,79
mmo-esc 20 umol/L ARTODN 46,277,80
dnd-esc 1 umol/L ARTODN 46,277,80
TUMORIGENIC DATA AND REFERENCES:
2V01R60 skn-mus TDLo:312 gm/kg/2Y-I NTIS** ORNL-5375
3V01L60T63 skn-mus TD :312 gm/kg/2Y-I CNREA8 39,1718,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:11 gm/kg UCDS** 4/21/67
STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 29, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX3850000 PROPANE, 2,2-BIS(ETHYLSULFONYL)-
UPDT:8403 CAS: 115-24-2 MW: 228.35 MOLFM: C7-H16-O4-S2
SYN: ACETONE, BIS(ETHYL SULFONE) * ACETONE DIETHYLSULFONE * 2,2-BIS(ETHYLSULFONYL)PROPANE * DIETHYLSULFONDIMETHYLMETHANE * PROPANE-DIETHYL SULFONE * SULFONAL * SULFONMETHANE
MUTATION DATA AND REFERENCES:
cyt-smc 20 mmol/tube HEREAY 33,457,47
TOXICITY DATA AND REFERENCES:
unk-man LDLo:147 mg/kg 85DCAI 2,73,70
* orl-dog LDLo:800 mg/kg MEIEDD 10,1286,83
orl-rbt LDLo:3000 mg/kg HBAMAK 4,1404,35
orl-gpg LDLo:8500 mg/kg HBAMAK 4,1404,35
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROPANE, 2,2-BIS(p-HYDROXYPHENYL)- see: SL6300000

TX4110000 PROPANE, 1-BROMO-
UPDT:8408 CAS: 106-94-5 MW: 123.01 MOLFM: C3-H7-Br
SYN: 1-BROMOPROPANE * 1-BROMOPROPANE (DOT) * PROPYL BROMIDE * UN 2344 (DOT)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:2 gm/kg (5D male) MUREAV 101,321,82
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:4000 mg/kg MUREAV 101,321,82
ihl-rat LC50:253000 mg/m3/30M FAVUAI 7,35,75

* ipr-rat LD50:2950 mg/kg — 85GMAT -,102,82
* ipr-mus LD50:2530 mg/kg — 85GMAT -,102,82
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX4111000 PROPANE, 2-BROMO-
UPDT:8312 CAS: 75-26-3 MW: 123.01 MOLFM: C3-H7-Br
SYN: 2-BROMOPROPANE * 2-BROMOPROPANE (DOT) * ISOPROPYL BROMIDE * UN 2344 (DOT)
TOXICITY DATA AND REFERENCES:
* ihl-mam LC50:36 gm/m3 — GTPZAB 18(4),55,74
* ipr-mam LD50:4839 mg/kg — GTPZAB 18(4),55,74
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TX4113000 PROPANE, 1-BROMO-3-CHLORO-
UPDT:8408 CAS: 109-70-6 MW: 157.45 MOLFM: C3-H6-Br-Cl
SYN: 1-BROMO-3-CHLOROPROPANE * 3-BROMOPROPYL CHLORIDE * 1,3-CHBP * omega-CHLOROBROMOPROPANE * 1-CHLORO-3-BROMOPROPANE (DOT) * 3-CHLOROPROPYL BROMIDE * TRIMETHYLENE BROMIDE CHLORIDE * TRIMETHYLENE CHLOROBROMIDE * UN 2688 (DOT)
TOXICITY DATA AND REFERENCES:
3F07F13F18 orl-rat LD50:930 mg/kg — TPKVAL 12,93,71
* ihl-rat LC50:5668 mg/m3 — GTPZAB 19(9),36,75
* orl-mus LD50:1290 mg/kg — 85GMAT -,35,82
* ihl-mus LCLo:7270 mg/m3/2H — 85GMAT -,35,82
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOP PROPOSED OSHA MEDICAL RECORDS RULE

TX4115000 PROPANE, 3-BROMO-1,2-EPOXY-
UPDT:8312 CAS: 3132-64-7 MW: 136.99 MOLFM: C3-H5-Br-O
SYN: 3-BROMO-1,2-EPOXYPROPANE * EPIBROMHYDRIN * EPIBROMOHYDRIN * EPIBROMOHYDRIN (DOT) * EPIBROMOHYDRINE * UN 2558 (DOT)
MUTATION DATA AND REFERENCES:
mmo-sat 5 umol/plate — JTEHD6 5,1149,79
mma-sat 500 ug/plate — MUREAV 58,217,78
mmo-esc 20 umol/L — ARTODN 46,277,80
dnd-esc 1 umol/L — ARTODN 46,277,80
mmo-klp 100 umol/L — MUREAV 89,269,81
dni-hmn:hla 1500 umol/L — MUREAV 92,427,82
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg — ARZNAD 17,145,67
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:FLAMMABLE LIQUID AND POISON — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUAR/ 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

TX4140000 PROPANE, 1-BROMO-2-METHYL-
UPDT:8401 CAS: 78-77-3 MW: 137.04 MOLFM: C4-H9-Br
SYN: 1-BROMO-2-METHYLPROPANE * 1-BROMO-2-METHYLPROPANE (DOT) * i-BUTYL BROMIDE * ISOBUTYL BROMIDE * UN 2342 (DOT)
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:3000 mg/kg/8W-I — CNREA8 35,1411,75
TOXICITY DATA AND REFERENCES:
* ihl-mam LC50:50500 mg/m3 — GTPZAB 18(4),55,74
* ipr-mam LD50:1660 mg/kg — GTPZAB 18(4),55,74
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX4150000 PROPANE, 2-BROMO-2-METHYL-
UPDT:8408 CAS: 507-19-7 MW: 137.04 MOLFM: C4-H9-Br
SYN: 2-BROMOISOBUTANE * 2-BROMO-2-METHYLPROPANE * 2-BROMO-2-METHYLPROPANE (DOT) * tert-BUTYL BROMIDE * TRIMETHYLBROMOMETHANE * UN 2342 (DOT)
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:3000 mg/kg/8W-I — CNREA8 35,1411,75
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1250 mg/kg — 85GMAT -,29,82
* ipr-mus LD50:4400 mg/kg — 85GMAT -,29,82
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX4160000 PROPANE, 1-(p-BROMOPHENOXY)-2,3-EPOXY-
UPDT:8303 CAS: 2212-06-8 MW: 229.09 MOLFM: C9-H9-Br-O2
SYN: 1-(p-BROMOPHENOXY)-2,3-EPOXYPROPANE * BROMOPHENYL GLYCIDYL ETHER * p-BROMOPHENYL GLYCIDYL ETHER * 4-BROMOPHENYL GLYCIDYL ETHER * OXIRANE, ((4-BROMOPHENOXY)METHYL)- (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 66 nmol/plate — MUREAV 93,297,82

TX4200000 PROPANE, 1-BUTOXY-2,3-EPOXY-
UPDT:8408 CAS: 2426-08-6 MW: 130.21 MOLFM: C7-H14-O2
SYN: AGEFLEX BGE * BGE * BUTYL GLYCIDYL ETHER * n-BUTYL GLYCIDYL ETHER * 2,3-EPOXYPROPYL BUTYL ETHER * ETHER, BUTYL 2,3-EPOXYPROPYL * ETHER, BUTYL GLYCIDYL * GLYCIDYL BUTYL ETHER
IRRITATION DATA AND REFERENCES:
skn-rbt 454 mg/3D MLD — AMIHAB 14,250,56
skn-rbt 500 mg/24H MOD — 28ZPAK -,135,72
eye-rbt 91 mg MLD — AMIHAB 14,250,56
eye-rbt 750 ug/24H SEV — 28ZPAK -,135,72
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate — MUREAV 66,367,79
mma-sat 50 ug/plate — MUREAV 66,367,79
mmo-esc 20 umol/L — ARTODN 46,277,80
dnd-esc 1 umol/L — ARTODN 46,277,80
mnt-mus-ipr 675 mg/kg — ENMUDM 2,521,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 skn-mus TDLo:36 gm/kg (24D male) — MUREAV 124,225,83
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2050 mg/kg — AIHAAP 23,95,62
ihl-rat LCLo:670 ppm — AMIHAB 14,250,56
ipr-rat LD50:1140 mg/kg — AMIHAB 14,250,56
orl-mus LD50:1520 mg/kg — AMIHAB 14,250,56
ipr-mus LD50:700 mg/kg — AMIHAB 14,250,56
* skn-rbt LD50:2520 mg/kg — AIHAAP 23,95,62
REVIEW AND REFERENCES:
★ TLV-TWA 25 ppm — DTLVS* 4,56,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ppm (SCP-F) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO GLYCIDYL ETHERS recm std-air:CL 30 mg/m3/15M — NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S81
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ NIOSH CURRENT INTELLIGENCE BULLETIN 29, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0778-0213
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX4250000 PROPANE, 3-(p-tert-BUTYLPHENOXY)-1,2-EPOXY-
UPDT:8303 MW: 206.31 MOLFM: C13-H18-O2
SYN: 3-(p-tert-BUTYLPHENOXY)-1,2-EPOXYPROPANE * tert-BUTYLPHENYL GLYCIDYL ETHER
MUTATION DATA AND REFERENCES:
mmo-sat 333 nmol/plate — MUREAV 93,297,82

1-PROPANECARBOXYLIC ACID see: ES5425000

TX4400000 PROPANE, 1-CHLORO-
UPDT:8308 CAS: 540-54-5 MW: 78.55 MOLFM: C3-H7-Cl
SYN: 1-CHLOROPROPANE * PROPYL CHLORIDE * PROPYL CHLORIDE (DOT) * UN 1278 (DOT)
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FAZMAE 18,365,74
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TX4410000 PROPANE, 2-CHLORO-
CAS: 75-29-6 MW: 78.55 MOLFM: C3-H7-Cl
SYN: 2-CHLOROPROPANE * 2-CHLOROPROPANE (DOT) * UN 2356 (DOT)
MUTATION DATA AND REFERENCES:
mmo-sat 1 mL/plate — DTESD7 2,249,77
mma-sat 1 mL/plate — DTESD7 2,249,77
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

PROPANE, 1-CHLORO-2,3-DIBROMO- see: TX8750000

TX4600000 PROPANE, 3-CHLORO-1,2-DIBROMO-2-METHYL-
UPDT:8408 MW: 250.38 MOLFM: C4-H7-Br2-Cl
SYN: 1,2-DIBROMO-3-CHLORO-2-METHYLPROPANE * MDBCP * METHYL DBCP * 2-METHYL-1,2-DIBROMO-3-CHLOROPROPANE
TOXICITY DATA AND REFERENCES:
3D28F19F24 orl-rat LD50:780 mg/kg — TOXID9 4,20,84
1J22 ihl-rat LC50:225 ppm/6H — TOXID9 4,67,84
1J22 ihl-mus LC50:227 ppm/6H — TOXID9 4,67,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX4850000 PROPANE, 1-CHLORO-1,2-EPOXY-, (E)-
UPDT:8310 MW: 92.53 MOLFM: C3-H5-Cl-O
SYN: trans-1-CHLORO-1,2-EPOXYPROPANE * trans-2-CHLORO-3-METHYLOXIRANE * trans-1-CHLOROPROPENE OXIDE * trans-CPO * OXIRANE, 2-CHLORO-3-METHYL-, trans- (9CI)
TUMORIGENIC DATA AND REFERENCES:
3V01R60V10 skn-mus TDLo:400 mg/kg/73W-I — CNREA8 43,159,83
3V01R60V10 scu-mus TDLo:40 mg/kg/60W-I — CNREA8 43,159,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX4850010 PROPANE, 1-CHLORO-1,2-EPOXY-, (Z)-
UPDT:8310 MW: 90.51 MOLFM: C3-H3-Cl-O
SYN: cis-1-CHLORO-1,2-EPOXYPROPANE * cis-2-CHLORO-3-METHYLOXIRANE * cis-1-CHLOROPROPENE OXIDE * cis-CPO * OXIRANE, 2-CHLORO-3-METHYL-, cis- (9CI)
TUMORIGENIC DATA AND REFERENCES:
3V01R60V10 skn-mus TDLo:400 mg/kg/62W-I — CNREA8 43,159,83
3V01P61R60 scu-mus TDLo:40 mg/kg/69W-I — CNREA8 43,159,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX4900000 PROPANE, 1-CHLORO-2,3-EPOXY-
UPDT:8412 CAS: 106-89-8 MW: 92.53 MOLFM: C3-H5-Cl-O
SYN: 1-CHLOOR-2,3-EPOXY-PROPAAN (Dutch) * 1-CHLOR-2,3-EPOXY-PROPAN (German) * 1-CHLORO-2,3-EPOXYPROPANE * 3-CHLORO-1,2-EPOXYPROPANE * epi-CHLOROHYDRIN * (CHLOROMETHYL)ETHYLENE OXIDE * CHLOROMETHYLOXIRANE * 2-(CHLOROMETHYL)OXIRANE * CHLOROPROPYLENE OXIDE * gamma-CHLOROPROPYLENE OXIDE * 3-CHLORO-1,2-PROPYLENE OXIDE * 1-CLORO-2,3-EPOSSIPROPANO (Italian) * ECH * EPICHLOORHYDRINE (Dutch) * EPICHLORHYDRIN (German) * EPICHLORHYDRINE (French) * EPICHLOROHYDRIN * EPICHLOROHYDRIN (DOT) * alpha-EPICHLOROHYDRIN * (DL)-alpha-EPICHLOROHYDRIN * EPICHLOROHYDRYNA (Polish) * EPICHLOROPHYDRIN * EPICLORIDRINA (Italian) * 1,2-EPOXY-3-CHLOROPROPANE * 2,3-EPOXYPROPYL CHLORIDE * GLYCEROL EPICHLORHYDRIN * OXIRANE, (CHLOROMETHYL)- * OXIRANE, 2-(CHLOROMETHYL) * RCRA WASTE NUMBER U041 * SKEKhG * UN 2023 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open — JIHTAB 30,63,48
eye-rbt 23 mg — AJOPAA 29,1363,46
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate — PMRSDJ 1,285,81
mma-sat 150 ug/plate — PMRSDJ 1,285,81
mmo-esc 1 uL/plate — PMRSDJ 1,387,81
mma-esc 1 uL/plate — PMRSDJ 1,387,81
dnd-esc 1 umol/L — ARTODN 46,277,80
dnr-bcs 997 mmol/L — 37ATAD -,155,77
oms-bcs 1 mol/L — 37ATAD -,155,77
dnd-bcs 20 uL/disc — PMRSDJ 1,175,81
mmo-klp 200 umol/L — MUREAV 89,269,31
sln-dmg-par 2500 umol/L — EVSRBT 24,175,81
mmo-nsc 150 mmol/L — STEVA8 11,223,78
mmo-smc 40 mg/L — PMRSDJ 1,414,81
dnr-smc 100 mg/L — PMRSDJ 1,502,81
mrc-smc 65 mmol/L — IJEBA6 18,1337,80
sln-smc 100 mg/L — PMRSDJ 1,468,81
mmo-ssp 21 mmol/L — ADWMAX -,193,63
mma-ssp 800 umol/L — MUREAV 109,41,83
dns-hmn:fbr 32 ug/L — PMRSDJ 1,528,81
dns-hmn:lym 500 umol/L — TUMOAB 69,191,83
dni-hmn:hla 2700 umol/L — MUREAV 92,427,82
dni-hmn:lym 5 mmol/L — TUMOAB 69,191,83
cyt-hmn:lym 10 umol/L/24H — STEVA8 11,223,78

	cyt-hmn:leu 1 umol/L	MUREAV 34,279,76
	sce-hmn:lym 10 nmol/L	CARYAB 34,261,81
	msc-hmn:oth 500 umol/L	TUMOAB 69,191,83
	dnd-rat:lvr 300 umol/L	SinJF# 26OCT82
	cyt-mus-ipr 5 mg/kg	STEVA8 11,223,78
	cyt-mus-orl 20 mg/kg	STEVA8 11,223,78
	cyt-mus-ihl 5 mg/m3	MUREAV 85,287,81
	sce-mus-ipr 5500 ug/kg	PMRSDJ 1,673,81
	msc-mus:lym 7500 ug/L	PMRSDJ 1,580,81
	hma-mus/sat 50 mg/kg	BIZNAT 95,431,76
	spm-mus-ihl 5 mg/m3	MUREAV 85,287,81
	slt-ham:ovr 30 mg/L	MUREAV 136,137,84
	otr-ham:kdy 25 mg/L	PMRSDJ 1,638,81
	cyt-ham:ovr 17 uL/L	PMRSDJ 1,551,81
	cyt-ham:lng 47 mg/L	GMCRDC 27,95,81
	sce-ham:ovr 33 uL/L	PMRSDJ 1,551,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T23	orl-rat TDLo:180 mg/kg (12D male)	NATUAS 226,87,70
1T01	orl-rat TDLo:25 mg/kg (1D male)	ARTODN 53,71,83
1T23	ihl-rat TCLo:50 ppm/6H (50D male)	TXAPA9 68,415,83
2T01T02	scu-rat TDLo:75 mg/kg (1D male)	TXAPA9 70,67,83
1T34	orl-mus TDLo:1200 mg/kg (6-15D preg)	JTEHD6 9,87,82

TUMORIGENIC DATA AND REFERENCES:

2V01K60	orl-rat TDLo:60 gm/kg/81W-I	GANNA2 71,922,80
3V01D09J15	ihl-rat TCLo:100 ppm/6H/30D-C	JJIND8 65,751,80
2V03V10	scu-mus TDLo:720 mg/kg/18W-I	JNCIAM 48,1431,72
3V03P62R60	unk-mus TDLo:19 mg/kg	RARSAM 3,193,63
2V02V10	scu-mus TD :2760 mg/kg/69W-I	JNCIAM 53,695,74
2V03J60	ihl-rat TC :100 ppm/6H/6W-I	PAACA3 21,106,80
2V03D09	ihl-rat TC :100 ppm	CHWKA9 123,25,78
3V03D09J16	ihl-rat TD :30 ppm/6H/57W-I	JJIND8 65,751,80
2V03K60	orl-rat TD :36 gm/kg/81W-I	GANNA2 71,922,80
2V02K60	orl-rat TD :85050 mg/kg/81W-C	NAIZAM 32,270,81
2V03K60	orl-rat TD :42525 mg/kg/81W-C	NAIZAM 32,270,81

TOXICITY DATA AND REFERENCES:

2D07D35	ihl-hmn TCLo:20 ppm	29ZWAE -,108,68
	orl-rat LD50:90 mg/kg	JIHTAB 30,63,48
2J15J30	ihl-rat LC50:360 ppm/6H	JJIND8 65,751,80
	skn-rat LDLo:1000 mg/kg	UCPHAQ 2,69,41
	ipr-rat LD50:133 mg/kg	TXAPA9 52,422,80
	scu-rat LD50:150 mg/kg	AMPMAR 28,505,67
3F07F11F19	orl-mus LD50:194 mg/kg	GISAAA 33(1),46,68
	ihl-mus LCLo:7400 ppm/30M	SHELL*
	ipr-mus LD50:154 mg/kg	NPIRI* 1,41,74
	par-mus LDLo:250 mg/kg	TPKVAL 2,28,61
*	orl-rbt LD50:345 mg/kg	GISAAA 33(1),46,68
	skn-rbt LD50:515 mg/kg	WolMA# 18JAN77
3J02J06J08	ipr-rbt LD50:118 mg/kg	JPMSAE 61,1712,72
*	orl-gpg LD50:280 mg/kg	GISAAA 33(1),46,68
3J02J06J08	ipr-gpg LD50:118 mg/kg	JPMSAE 61,1712,72

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 11,131,76
★ TLV-TWA 2 ppm; STEL 5 ppm (skin)	DTLVS* 4,168,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 5 ppm (skin) (SCP-I)	FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO EPICHLOROHYDRIN recm std-air:TWA 2 mg/m3;CL 19 mg/m3/15M	NTIS**

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1010
★ NIOSH CURRENT INTELLIGENCE BULLETIN 30, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0779-0292;8EHQ-1177-0016;8EHQ-0878-0220
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX5040000 PROPANE, 2-CHLORO-2-METHYL-

UPDT:8401 CAS: 507-20-0 MW: 92.58 MOLFM: C4-H9-Cl
SYN: tert-BUTYL CHLORIDE * 2-CHLOROISOBUTANE * 2-CHLORO-2-METHYLPROPANE * TRIMETHYLCHLOROMETHANE

TUMORIGENIC DATA AND REFERENCES:

2V02J60	ipr-mus TDLo:3000 mg/kg/8W-I	CNREA8 35,1411,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX5075000 PROPANE, 1-CHLORO-1-NITRO-

UPDT:8408 CAS: 600-25-9 MW: 123.55 MOLFM: C3-H6-Cl-N-O2
SYN: CHLORONITROPROPANE * 1-CHLORO-1-NITROPROPANE * KORAX * LANSTAN

TOXICITY DATA AND REFERENCES:

	orl-rbt LDLo:50 mg/kg	JIHTAB 27,95,45
*	unk-rat LD50:197 mg/kg	FMCHA2 -,C54,83
	orl-mus LD50:510 mg/kg	HYSAAV 34(10-12),429,69
	ihl-mus LC50:66 gm/m3/3H	HYSAAV 34(10-12),429,69
	scu-mus LD50:165 mg/kg	HYSAAV 34(10-12),429,69
	ihl-rbt LCLo:2000 mg/m3/6H	JIHTAB 27,95,45
	ihl-gpg LCLo:580 mg/m3/3H	JIHTAB 27,95,45

REVIEW AND REFERENCES:

★ TLV-TWA 2 ppm; STEL 10 ppm	DTLVS* 4,92,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 20 ppm (SCP-P)	FEREAC 39,23540,74

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 S211#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

TX5425000 PROPANE, 2-CHLORO-2-NITRO-

UPDT:8407 CAS: 594-71-8 MW: 123.55 MOLFM: C3-H6-Cl-N-O2
SYN: 2-CHLORO-2-NITROPROPANE

TOXICITY DATA AND REFERENCES:

	orl-rbt LDLo:500 mg/kg	JIHTAB 27,95,45
	orl-mus LD50:580 mg/kg	HYSAAV 34(10-12),429,69
	ihl-mus LC50:55 gm/m3/3H	HYSAAV 34(10-12),429,69
	scu-mus LD50:195 mg/kg	HYSAAV 34(10-12),429,69

TX5600000 PROPANE, 1-(p-CHLOROPHENOXY)-2,3-EPOXY-

UPDT:8303 CAS: 2212-05-7 MW: 184.63 MOLFM: C9-H9-Cl-O2
SYN: 2-((4-CHLOROPHENOXY)METHYL)OXIRANE * CHLOROPHENYL GLYCIDYL ETHER * p-CHLOROPHENYL GLYCIDYL ETHER * 4-CHLOROPHENYL GLYCIDYL ETHER * 1,2-EPOXY-3-CHLOROPHENOXYPROPANE * OXIRANE, ((4-CHLOROPHENOXY)METHYL)- (9CI)

MUTATION DATA AND REFERENCES:

	mmo-sat 66 nmol/plate	MUREAV 93,297,82
	mmo-klp 200 umol/L	MUREAV 89,269,81

TX6200000 PROPANE, 3-CHLORO-1,1,1-TRIFLUORO-

UPDT:8408 MW: 132.52 MOLFM: C3-H4-Cl-F3
SYN: 3-CHLORO-1,1,1-TRIFLUOROPROPANE * FREON 253 * 1,1,1-TRIFLUORO-3-CHLOROPROPANE

TOXICITY DATA AND REFERENCES:

*	ihl-rat LCLo:1800 mg/m3/2H	85GMAT -,115,82
*	ihl-mus LC50:800 mg/m3/2H	85GMAT -,115,82
*	ihl-rbt LCLo:2300 mg/m3/2H	85GMAT -,115,82

TX6475000 PROPANEDIAL

UPDT:8412 CAS: 542-78-9 MW: 72.07 MOLFM: C3-H4-O2
SYN: MALONALDEHYDE * MALONDIALDEHYDE * MALONIC ALDEHYDE * MALONIC DIALDEHYDE * MALONYLDIALDEHYDE * NCI-C54842

MUTATION DATA AND REFERENCES:

	mmo-sat 13850 nmol/plate	BTERDG 2,81,80
	mma-sat 1 nmol/plate	MUREAV 78,113,80
	mmo-esc 2 mmol/L	MUREAV 88,23,81
	dnr-esc 20 mmol/L	MUREAV 88,23,81
	dnd-esc 20 mmol/L	MUREAV 88,23,81
	dnd-hmn:leu 1 mmol/L	CLREAS 23(5),595A,75
	dnd-hmn:fbr 10 umol/L	CLREAS 23(5),595A,75
	dni-hmn:fbr 25 mg/L	EJBCAI 5,178,68
	mnt-rat:fbr 100 umol/L	MUREAV 101,237,82
	cyt-rat:fbr 100 umol/L	MUREAV 101,237,82
	msc-mus:lym 10 umol/L	MAGDA3 11,137,79
	dnd-mam:lym 250 mg/L/5H	EJBCAI 5,176,68

TUMORIGENIC DATA AND REFERENCES:

3V01J60P62	skn-mus TDLo:7488 mg/kg/2Y-I	AUODDK 55,3,80
3V01R60V10	skn-mus TD :30 gm/kg/9W-I	JNCIAM 53,1771,74

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:632 mg/kg	TXAPA9 7,826,65
*	orl-mus LD50:606 mg/kg	AUODDK 55,3,80

STATUS:

NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX6650000 1,2-PROPANEDIAMINE

UPDT:8407 CAS: 78-90-0 MW: 74.15 MOLFM: C3-H10-N2
SYN: 1,2-DIAMINOPROPANE * PROPYLENEDIAMINE * PROPYLENE DIAMINE (DOT) * UN 2258 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open	AMIHBC 10,61,54
	skn-rbt 435 mg open SEV	UCDS** 3/12/69
	eye-rbt 87 mg SEV	UCDS** 3/12/69

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2230 mg/kg	UCDS** 3/12/69
	scu-rat LDLo:2250 mg/kg	ZEPTAT 17,59,15
*	skn-rbt LD50:500 mg/kg	AMIHBC 10,61,54

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172,101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX6825000 1,3-PROPANEDIAMINE

UPDT:8402 CAS: 109-76-2 MW: 74.15 MOLFM: C3-H10-N2
SYN: 1,3-DIAMINOPROPANE * 1,3-PROPYLENEDIAMINE * TRIMETHYLENEDIAMINE

IRRITATION DATA AND REFERENCES:

	skn-rbt 50 mg open SEV	UCDS** 1/28/63
	eye-rbt 1 mg SEV	UCDS** 1/28/63

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T34T39T46	ipr-mus TDLo:264 mg/kg (12D preg)	TJADAB 28,237,83

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:350 mg/kg	AIHAAP 23,95,62
1R10	skn-rbt LD50:200 mg/kg	AIHAAP 23,95,62

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX6865000 1,3-PROPANEDIAMINE, N-(9-ACRIDINYL)-N'-(2-CHLOROETHYL)-

UPDT:8412 MW: 299.85 MOLFM: C18-H20-Cl-N2
SYN: N-(9-ACRIDINYL)-N'-(2-CHLOROETHYL)-1,3-PROPANEDIAMINE * ICR 449

MUTATION DATA AND REFERENCES:

	mmo-sat 500 ng/plate	MUREAV 136,185,84
	msc-ham:ovr 1 umol/L	CNREA8 39,4875,79

TX6880000 1,3-PROPANEDIAMINE, N'-9-ACRIDINYL-N-(2-CHLOROETHYL)-N-ETHYL-, DIHYDROCHLORIDE

UPDT:8412 CAS: 38914-97-5 MW: 414.84 MOLFM: C20-H24-Cl-N3 2Cl-H
SYN: ACRIDINE, 9-((3-((2-CHLOROETHYL)ETHYLAMINO)PROPYL)AMINO)-, DIHYDROCHLORIDE * 9-((3-((2-CHLOROETHYL)ETHYLAMINO)PROPYL)AMINO)ACRIDINE DIHYDROCHLORIDE * ICR 217

MUTATION DATA AND REFERENCES:

	mmo-sat 500 ng/plate	MUREAV 136,185,84
	msc-ham:ovr 1 umol/L	CNREA8 39,4875,79

TOXICITY DATA AND REFERENCES:

	ipr-mus LD20:2 mg/kg	JMCMAR 15,739,72

TX6900000 1,3-PROPANEDIAMINE, N-(2-AMINOETHYL)-, mixed with SODIUM NITRITE

UPDT:8306 MW: 186.23 MOLFM: C5-H15-N3 N-Na-O2
SYN: N-(2-AMINOETHYL)-1,3-PROPANEDIAMINE mixed with SODIUM NITRITE * SODIUM NITRITE mixed with N-(2-AMINOETHYL)-1,3-PROPANEDIAMINE

MUTATION DATA AND REFERENCES:

	mmo-sat 1 umol/plate	ENMUDM 5,101,83

1,3-PROPANEDIAMINE, N-(3-AMINOPROPYL)- see: JL9450000

TX7001000 1,3-PROPANEDIAMINE, N-(3-AMINOPROPYL)-N-ETHYL-N'-(6-METHYL-5H-PYRIDO(3',4':4,5) PYRROLO(2,3-g)ISOQUINOLIN-10-YL)-, DIHYDRATE

UPDT:8306 CAS: 83948-02-1 MW: 426.63 MOLFM: C23-H30-N6 2H2-O
SYN: 5H-PYRIDO(3',4':4,5)PYRROLO(2,3-g)ISOQUINOLINE, 1,3-PROPANEDIAMINE deriv., DIHYDRATE

TOXICITY DATA AND REFERENCES:

1V30	ipr-mus LDLo:40 mg/kg	JMCMAR 26,181,83

1,3-PROPANEDIAMINE, N-(3-AMINOPROPYL)-N-METHYL-, DIPHENYLDISULFONATE (9CI) see: JL9625100

TX7006000 1,3-PROPANEDIAMINE, N-BENZO(b)(1,8)PHENANTHROLIN-7-YL-N'-(2-CHLOROETHYL)-, DIHYDROCHLORIDE

UPDT:8412 CAS: 38915-61-6 MW: 437.83 MOLFM: C21-H21-Cl-N4 2Cl-H
SYN: BENZO(b)(1,10)PHENANTHROLINE, 7-((3-((2-CHLOROETHYL)AMINO)PROPYL)AMINO)-, DIHYDROCHLORIDE * 7-((3-((2-CHLOROETHYL)AMINO)PROPYL)AMINO)BENZO(b)(1,10)PHENANTHROLINE DIHYDROCHLORIDE * ICR 395

MUTATION DATA AND REFERENCES:

	mmo-sat 500 ng/plate	MUREAV 136,185,84

TOXICITY DATA AND REFERENCES:

	ipr-mus LD20:18 mg/kg	JMCMAR 15,739,72

TX7008000 1,3-PROPANEDIAMINE, N'-BENZO(b)(1,10)PHENANTHROLIN-7-YL-N-(2-CHLOROETHYL)-N-ETHYL-, DIHYDROCHLORIDE

UPDT:8412 CAS: 39013-93-9 MW: 465.89 MOLFM: C23-H25-Cl-N4 2Cl-H

SYN: BENZO(b)(1,10)PHENANTHROLINE, 7-((3-((2-CHLOROETHYL)ETHYLAMINO)PROPYL)AMINO)-, 2HCl * 7-((3-((2-CHLOROETHYL)ETHYLAMINO)PROPYL)AMINO)BENZO(b)(1,10)PHENANTHROLINE DIHYDROCHLORIDE * ICR 368
MUTATION DATA AND REFERENCES:
mmo-sat 500 ng/plate MUREAV 136,185,84
msc-ham:ovr 250 nmol/L CNREA8 39,4875,79
TOXICITY DATA AND REFERENCES:
ipr-mus LD20:1 mg/kg JMCMAR 15,739,72

TX7010200 1,2-PROPANEDIAMINE, N(sup 1)-BENZYL-N(sup 2),N(sup 2)-DIMETHYL-N(sup 1)-(p-ETHOXYPHENYL)-, FUMARATE
UPDT:8408 MW: 428.58 MOLFM: C20-H28-N2-O C4-H4-O4
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:162 mg/kg YKKZAJ 83,696,63

TX7010250 1,3-PROPANEDIAMINE, N-BENZYL-N',N'-DIMETHYL-N-(p-ETHOXYPHENYL)-, FUMARATE
UPDT:8408 MW: 428.58 MOLFM: C20-H28-N2-O C4-H4-O4
SYN: N-BENZYL-N',N'-DIMETHYL-N-(p-ETHOXYPHENYL)-1,3-PROPANEDIAMINE FUMARATE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:218 mg/kg YKKZAJ 83,696,63

TX7010300 1,2-PROPANEDIAMINE, N(sup 2)-BENZYL-N(sup 1),N(sup 1)-DIMETHYL-N(sup 2)-(p-ETHOXYPHENYL)-, MALEATE
UPDT:8408 MW: 428.58 MOLFM: C20-H28-N2-O C4-H4-O4
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:197 mg/kg YKKZAJ 83,696,63

TX7010400 1,3-PROPANEDIAMINE, N-BENZYL-N',N'-DIMETHYL-N-PHENYL-, FUMARATE
UPDT:8408 MW: 384.52 MOLFM: C18-H24-N2 C4-H4-O4
SYN: N-BENZYL-N',N'-DIMETHYL-N-PHENYL-1,3-PROPANEDIAMINE FUMARATE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:154 mg/kg YKKZAJ 83,696,63

TX7010500 1,2-PROPANEDIAMINE, N(sup 2)-BENZYL-N(sup 1),N(sup 1)-DIMETHYL-N(sup 2)-PHENYL-, HYDROCHLORIDE
UPDT:8408 MW: 304.90 MOLFM: C18-H24-N2 Cl-H
SYN: N(sup 2)-BENZYL-N(sup 1),N(sup 1)-DIMETHYL-N(sup 2)-PHENYL-1,2-PROPANEDIAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:122 mg/kg YKKZAJ 83,696,63

TX7010600 1,2-PROPANEDIAMINE, N(sup 1)-BENZYL-N(sup 2),N(sup 2)-DIMETHYL-N(sup 1)-PHENYL-, MALEATE
UPDT:8408 MW: 384.52 MOLFM: C18-H24-N2 C4-H4-O4
SYN: N(sup 1)-BENZYL-N(sup 2),N(sup 2)-DIMETHYL-N(sup 1)-PHENYL-1,2-PROPANEDIAMINE MALEATE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:150 mg/kg YKKZAJ 83,696,63

TX7032100 1,3-PROPANEDIAMINE, N,N-BIS(2-DIETHYLAMINOETHYL)-N',N'-DIETHYL-, HYDROCHLORIDE (1:3)
UPDT:8305 MW: 438.05 MOLFM: C19-H44-N4 3Cl-H
SYN: N,N-BIS(2-DIETHYLAMINOETHYL)-N',N'-DIETHYL-1,3-PROPANEDIAMINE TRIHYDROCHLORIDE * SU-2347
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:57500 ug/kg AIPTAK 97,1,54

TX7033800 1,3-PROPANEDIAMINE, N-(2-BUTOXY-7-CHLOROBENZO(b)-1,5-NAPHTHYRIDIN-10-YL)-N'-(2-CHLOROETHYL)-
UPDT:8412 MW: 420.40 MOLFM: C21-H25-Cl2-N4-O
SYN: N-(2-BUTOXY-7-CHLOROBENZO(b)-1,5-NAPHTHYRIDIN-10-YL)-N'-(2-CHLOROETHYL)-1,3-PROPANEDIAMINE * ICR 371
MUTATION DATA AND REFERENCES:
mmo-sat 500 ng/plate MUREAV 136,185,84
msc-ham:ovr 1 umol/L CNREA8 39,4875,79

TX7033900 1,3-PROPANEDIAMINE, N-(2-BUTOXY-7-CHLOROBENZO(b)-1,5-NAPHTHYRIDIN-10-YL)-N'-(2-CHLOROETHYL)- N'-ETHYL-
UPDT:8412 MW: 448.46 MOLFM: C23-H29-Cl2-N4-O
SYN: ICR 355
MUTATION DATA AND REFERENCES:
mmo-sat 500 ng/plate MUREAV 136,185,84
msc-ham:ovr 1 umol/L CNREA8 39,4875,79

1,3-PROPANEDIAMINE, N-(2-CHLOROETHYL)-N'-(6-CHLORO-2-METHOXY-9-ACRIDINYL)-, DIHYDROCHLORIDE see: AR7678000

TX7037000 1,3-PROPANEDIAMINE, N-(2-CHLOROETHYL)-N'-(7-CHLORO-2-METHOXYBENZO(b)-1,5-NAPHTHYRIDIN-10-YL)-
UPDT:8412 CAS: 36167-69-8 MW: 379.32 MOLFM: C18-H20-Cl2-N4-O
SYN: 10-((2-CHLOROETHYLAMINO)PROPYLAMINO)-2-METHOXY-7-CHLOROBENZO(b)(1,5)NAPHTHYRIDINE * ICR 372
MUTATION DATA AND REFERENCES:
mmo-sat 500 ng/plate MUREAV 136,185,84
mmo-esc 5 ug/plate GENTAE 78,823,74
msc-ham:ovr 1 umol/L CNREA8 38,506,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

TX7099000 1,3-PROPANEDIAMINE, N-(p-CHLOROPHENYL)-N',N'-DIMETHYL-N-o-TOLYL-, MONOHYDROCHLORIDE
UPDT:8406 MW: 339.34 MOLFM: C18-H23-Cl-N2 Cl-H
SYN: N-(p-CHLOROPHENYL)-N',N'-DIMETHYL-N-o-TOLYL-1,3-PROPANEDIAMINE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg APFRAD 41,465,83

TX7150000 1,3-PROPANEDIAMINE, 2-(alpha-CYCLOHEXYLBENZYL)-N,N,N',N'-TETRAETHYL-, HYDROCHLORIDE
UPDT:8305 MW: 395.14 MOLFM: C24-H42-N2 Cl-H
SYN: 1,3-BIS(DIETHYLAMINO)-2-(alpha-PHENYL-alpha-CYCLOHEXYLMETHYL)PROPANE HYDROCHLORIDE * 2-(alpha-CYCLOHEXYLBENZYL)-N,N,N',N'-TETRAETHYL-1,3-PROPANEDIAMINE HYDROCHLORIDE * GIACOSIL HYDROCHLORIDE * LICABILE HYDROCHLORIDE * LICARAN HYDROCHLORIDE * PHENETAMINE HYDROCHLORIDE * PHENETHAMINE HYDROCHLORIDE * 1-PHENYL-1-CYCLOHEXYL-2,2-BIS(DIETHYLAMINOMETHYL)ETHANE CHLORHYDRATE (French) * 1,3-PROPANEDIAMINE, 2-(CYCLOHEXYLPHENYLMETHYL)-N,N,N',N'-TETRAETHYL-, HYDROCHLORIDE (9CI) * SPASMEXAN HYDROCHLORIDE * UCB 1545 HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:900 mg/kg AIPTAK 123,264,60
* scu-rat LD50:400 mg/kg AIPTAK 123,264,60
* ivn-rat LD50:23500 ug/kg AIPTAK 123,264,60
* orl-mus LD50:240 mg/kg AIPTAK 123,264,60
* scu-mus LD50:175 mg/kg AIPTAK 123,264,60
* ivn-mus LD50:32 mg/kg AIPTAK 123,264,60

1,3-PROPANEDIAMINE, 2-(CYCLOHEXYLPHENYLMETHYL)-N,N,N',N'-TETRAETHYL-, HYDROCHLORIDE (9CI) see: TX7150000

TX7250000 1,3-PROPANEDIAMINE, N,N-DI(2-CHLOROETHYL)-N'-(9-METHOXY-5-METHYL-6H-PYRIDO(4,3-b) CARBAZOL-1-YL)-, DIHYDROCHLORIDE
UPDT:8306 MW: 532.38 MOLFM: C24-H28-Cl2-N4-O 2Cl-H
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:20 mg/kg JMCMAR 26,181,83

TX7350000 1,3-PROPANEDIAMINE, N,N-DIETHYL-
UPDT:8312 CAS: 104-78-9 MW: 130.27 MOLFM: C7-H18-N2
SYN: 1-AMINO-3-(DIETHYLAMINO)PROPANE * N-(3-DIETHYLAMINOPROPYL)AMINE * N,N-DIETHYLAMINOPROPYLAMINE * 3-(DIETHYLAMINO)PROPYLAMINE * 3-(DIETHYLAMINO)PROPYLAMINE (DOT) * DIETHYLAMINOTRIMETHYLENAMINE * N,N-DIETHYL-1,3-DIAMINOPROPANE * UN 2684 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 100 ug/24H open AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1410 mg/kg UCDS** 2/27/67
1R10 skn-rbt LD50:750 mg/kg AIHAAP 23,95,62
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE, FLAMMABLE LILQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX7382000 1,3-PROPANEDIAMINE, N,N-DIETHYL-, DIPHENYLDISULFONATE
UPDT:8308 MW: 444.61 MOLFM: C7-H18-N2 C12-H10-O6-S2
SYN: N,N-DIETHYL-1,3-PROPANEDIAMINE DIPHENYLDISULFONATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:36 mg/kg CPBTAL 20,2459,72

TX7386000 1,3-PROPANEDIAMINE, N,N-DIETHYL-N'-2-INDANYL-N'-PHENYL-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 33237-74-0 MW: 359.00 MOLFM: C22-H30-N2 Cl-H
TOXICITY DATA AND REFERENCES:
3F12J25U01 orl-rat LD50:525 mg/kg OYYAA2 27,353,84
3F12J25U01 ipr-rat LD50:68200 ug/kg OYYAA2 27,353,84
3F12J25U01 scu-rat LD50:198 mg/kg OYYAA2 27,353,84
3F12J25U01 ivn-rat LD50:16600 ug/kg OYYAA2 27,353,84
3F12J25U01 orl-mus LD50:262 mg/kg OYYAA2 27,353,84
3F12J25U01 ipr-mus LD50:56600 ug/kg OYYAA2 27,353,84
3F12J25U01 scu-mus LD50:80200 ug/kg OYYAA2 27,353,84
3F12J25U01 ivn-mus LD50:17100 ug/kg OYYAA2 27,353,84
3D16F12K13 orl-dog LDLo:30 mg/kg OYYAA2 27,353,84

TX7387000 1,3-PROPANEDIAMINE, N,N-DIETHYL-N'-(9-METHOXY-5,11-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOL-1-YL)-
UPDT:8306 CAS: 72238-02-9 MW: 404.61 MOLFM: C25-H32-N4-O
SYN: 1-((3-(DIETHYLAMINO)PROPYL)AMINO)-9-METHOXY-5,11-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOLE * N,N-DIETHYL-N'-(9-METHOXY-5,11-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOL-1-YL)-1,3-PROPANEDIAMINE
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LDLo:60 mg/kg JMCMAR 26,181,83

TX7388000 1,3-PROPANEDIAMINE, N,N-DIETHYL-N'-(9-METHOXY-5-METHYL-6H-PYRIDO(4,3-b)CARBAZOL-1-YL)-
UPDT:8306 CAS: 72238-00-7 MW: 390.58 MOLFM: C24-H30-N4-O
SYN: N,N-DIETHYL-N'-(9-METHOXY-5-METHYL-6H-PYRIDO(4,3-b)CARBAZOL-1-YL)-1,3-PROPANEDIAMINE
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LDLo:40 mg/kg JMCMAR 26,181,83

TX7388500 1,3-PROPANEDIAMINE, N,N-DIETHYL-N'-(6-METHYL-5H-PYRIDO(3',4':4,5)PYRROLO(2,3-g) ISOQUINOLIN-10-YL)-
UPDT:8312 CAS: 65222-35-7 MW: 361.54 MOLFM: C22-H27-N5
SYN: 10-((3-(DIETHYLAMINO)PROPYL)AMINO)-6-METHYL-5H-PYRIDO(3',4':4,5)PYRROLO(2,3-g)ISOQUINOLINE
MUTATION DATA AND REFERENCES:
dnd-mam:lym 17 umol/L BUCABS 67,9,80
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LDLo:30 mg/kg JMCMAR 26,181,83

TX7700000 1,3-PROPANEDIAMINE, N,N'-DIMETHYL-N,N'-DINITROSO-
UPDT:8401 CAS: 6972-76-5 MW: 160.21 MOLFM: C5-H12-N4-O2
SYN: N,N'-DIMETHYL-N,N'-DINITROSO-1,3-PROPANEDIAMINE * DINITROSODIMETHYLPROPANEDIAMINE * N,N'-DINITROSO-N,N'-DIMETHYL-1,3-PROPANEDIAMINE * NSC 62580
TUMORIGENIC DATA AND REFERENCES:
2V02K60 orl-rat TDLo:360 mg/kg/48W-I JNCIAM 41,985,68
2V02K60 orl-rat TD :640 mg/kg/32W-I JNCIAM 41,985,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX7820000 1,3-PROPANEDIAMINE, N,N-DIMETHYL-, DIPHENYLDISULFONATE
UPDT:8308 MW: 416.55 MOLFM: C5-H14-N2 C12-H10-O6-S2
SYN: N,N-DIMETHYL-1,3-PROPANEDIAMINE DIPHENYLDISULFONATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:48 mg/kg CPBTAL 20,2459,72

TX7830000 1,3-PROPANEDIAMINE, N,N-DIMETHYL-N',N'-DI-o-TOLYL-, MONOHYDROCHLORIDE
UPDT:8406 MW: 318.93 MOLFM: C19-H26-N2 Cl-H
SYN: CHLORHYDRATE de N-(gamma-DIMETHYLAMINOPROPYL)-BIS(ortho-TOLYL)AMINE (French) * N,N-DIMETHYL-N',N'-DI-o-TOLYL-1,3-PROPANEDIAMINE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg APFRAD 41,465,83

TX7835000 1,2-PROPANEDIAMINE, N(sup 1),N(sup 1)-DIMETHYL-N(sup 2)-(p-ETHOXYPHENYL)-, FUMARATE
UPDT:8408 MW: 338.45 MOLFM: C13-H22-N2-O C4-H4-O4
SYN: N(sup 1),N(sup 1)-DIMETHYL-N(sup 2)-(p-ETHOXYPHENYL)-1,2-PROPANEDIAMINE FUMARATE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:423 mg/kg YKKZAJ 83,696,63

TX7840000 1,3-PROPANEDIAMINE, N,N-DIMETHYL-N'-(p-ETHOXYPHENYL)-, MONOHYDROCHLORIDE
UPDT:8408 MW: 258.83 MOLFM: C13-H22-N2-O Cl-H
SYN: N,N-DIMETHYL-N'-(p-ETHOXYPHENYL)-1,3-PROPANEDIAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:232 mg/kg YKKZAJ 83,696,63

TX7850000 1,3-PROPANEDIAMINE, N'-(5,11-DIMETHYL-9-METHOXY-6H-PYRIDO(4,3-b)CARBAZOL-1-YL)-N-ETHYL-
UPDT:8306 CAS: 83948-11-2 MW: 376.55 MOLFM: C23-H28-N4-O
SYN: N'-(5,11-DIMETHYL-9-METHOXY-6H-PYRIDO(4,3-b)CARBAZOL-1-YL)-N-ETHYL-1,3-PROPANEDIAMINE
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LDLo:20 mg/kg JMCMAR 26,181,83

1,3-PROPANEDIAMINE, N,N-DIMETHYL-N'-(1-NITRO-9-ACRIDINYL)- (9CI) see: AR9240000

TX7975000 1,3-PROPANEDIAMINE, N,N-DIMETHYL-N'-(o-NITROPHENYL)-, MONOHYDROCHLORIDE
UPDT:8406 MW: 261.79 MOLFM: C11-H19-N3-O2 Cl-H
SYN: CHLORHYDRATE de N-(gamma-DIMETHYLAMINOPROPYL) ortho-NITRALINE (French) * N,N-DIMETHYL-N'-(o-NITROPHENYL)-1,3-PROPANEDIAMINE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg APFRAD 41,465,83

TX8010000 1,3-PROPANEDIAMINE, N,N-DIMETHYL-N'-PHENYL-, FUMARATE
UPDT:8408 MW: 294.39 MOLFM: C11-H18-N2 C4-H4-O4
SYN: N,N-DIMETHYL-N'-PHENYL-1,3-PROPANEDIAMINE FUMARATE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:328 mg/kg YKKZAJ 83,696,63

TX8028000 1,3-PROPANEDIAMINE, N'-(6,11-DIMETHYL-5H-PYRIDO(3',4':4,5)PYRROLO(2,3-g)ISOQUINOLIN-10-YL)- N,N-DIETHYL-
UPDT:8306 CAS: 73323-33-8 MW: 375.57 MOLFM: C23-H29-N5
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LDLo:20 mg/kg JMCMAR 26,181,83

TX8029000 1,3-PROPANEDIAMINE, N'-(6,11-DIMETHYL-5H-PYRIDO(3',4':4,5)PYRROLO(2,3-g)ISOQUINOLIN-10-YL)- N,N-DIMETHYL-
UPDT:8306 CAS: 73323-34-9 MW: 347.51 MOLFM: C21-H25-N5

TOXICITY DATA AND REFERENCES:

1V30	ipr-mus LDLo:20 mg/kg	JMCMAR 26,181,83

TX8030000 1,3-PROPANEDIAMINE, N,N-DIMETHYL-N'-o-TOLYL-, MONOHYDROCHLORIDE

UPDT:8406 MW: 228.80 MOLFM: C12-H20-N2 Cl-H

SYN: CHLORHYDRATE de N-(gamma-DIMETHYLAMINOPROPYL) ortho-TOLUIDINE (French) * N,N-DIMETHYL-N'-o-TOLYL-1,3-PROPANEDIAMINE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:150 mg/kg	APFRAD 41,465,83

TX8031000 1,3-PROPANEDIAMINE, N,N-DIMETHYL-N'-m-TOLYL-N'-o-TOLYL-, MONOHYDROCHLORIDE

UPDT:8406 MW: 318.93 MOLFM: C19-H26-N2 Cl-H

SYN: CHLORHYDRATE de N-(gamma-DIMETHYLAMINOPROPYL)-ortho,meta-DITOLYLAMINE (French) * N-(gamma-DIMETHYLAMINOPROPYL)-ortho,meta-DITOLYLAMINE (French) * N,N-DIMETHYL-N'-m-TOLYL-N'-o-TOLYL-1,3-PROPANEDIAMINE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:150 mg/kg	APFRAD 41,465,83

TX8032000 1,3-PROPANEDIAMINE, N,N-DIMETHYL-N'-(1,3,7-TRIMETHYL-1H-PYRAZOLO(3,4-b)QUINOLIN-4-YL)-, DIHYDROCHLORIDE

UPDT:8406 CAS: 56476-51-8 MW: 384.40 MOLFM: C18-H25-N5 2Cl-H

SYN: BL 3849A * N,N-DIMETHYL-N'-(1,3,7-TRIMETHYL-1H-PYRAZOLO(3,4-b)QUINOLIN-4-YL)QUINOLINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1600 mg/kg	JMCMAR 19,262,76
*	ipr-mus LD50:250 mg/kg	JMCMAR 19,262,76

TX8033000 1,2-PROPANEDIAMINE, N(sup 2)-(p-ETHOXYPHENYL)-N(sup 1),N(sup 1),N(sup 2)-TRIMETHYL-, FUMARATE

UPDT:8408 MW: 352.48 MOLFM: C14-H24-N2-O C4-H4-O4

SYN: N(sup 2)-(p-ETHOXYPHENYL)-N(sup 1),N(sup 1),N(sup 2)-TRIMETHYL-1,2-PROPANEDIAMINE FUMARATE

TOXICITY DATA AND REFERENCES:

1F29	ipr-mus LD50:246 mg/kg	YKKZAJ 83,696,63

TX8034000 1,3-PROPANEDIAMINE, N-(p-ETHOXYPHENYL)-N,N',N'-TRIMETHYL-, MONOHYDROCHLORIDE

UPDT:8408 MW: 272.86 MOLFM: C14-H24-N2-O Cl-H

SYN: N-(p-ETHOXYPHENYL)-N,N',N'-TRIMETHYL-1,3-PROPANEDIAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1F29	ipr-mus LD50:280 mg/kg	YKKZAJ 83,696,63

TX8036000 1,3-PROPANEDIAMINE, N-ETHYL-N'-2-INDANYL-N'-PHENYL-, MONOHYDROCHLORIDE

UPDT:8412 MW: 330.94 MOLFM: C20-H26-N2 Cl-H

TOXICITY DATA AND REFERENCES:

3F12J25U01	orl-rat LD50:525 mg/kg	OYYAA2 27,353,84
3F12J25U01	ivn-rat LD50:22100 ug/kg	OYYAA2 27,353,84
3F12J25U01	orl-mus LD50:543 mg/kg	OYYAA2 27,353,84
3F12J25U01	ivn-mus LD50:24500 ug/kg	OYYAA2 27,353,84

TX8037000 1,3-PROPANEDIAMINE, N-ETHYL-N'-(9-METHOXY-5-METHYL-6H-PYRIDO(4,3-b)CARBAZOL-1-YL)-

UPDT:8306 CAS: 83948-06-5 MW: 362.52 MOLFM: C22-H26-N4-O

SYN: N-ETHYL-N'-(9-METHOXY-5-METHYL-6H-PYRIDO(4,3-b)CARBAZOL-1-YL)-1,3-PROPANEDIAMINE

TOXICITY DATA AND REFERENCES:

1V30	ipr-mus LDLo:30 mg/kg	JMCMAR 26,181,83

TX8038000 1,3-PROPANEDIAMINE, N-ETHYL-N'-(6-METHYL-5H-PYRIDO(3',4':4,5)PYRROLO(2,3-g) ISOQUINOLIN-10-YL)-, HEMIHYDRATE

UPDT:8306 CAS: 83947-99-3 MW: 342.44 MOLFM: C20-H23-N5 .1/2H2-O

TOXICITY DATA AND REFERENCES:

1V30	ipr-mus LDLo:30 mg/kg	JMCMAR 26,181,83

TX8039000 1,3-PROPANEDIAMINE, N-ETHYL-, mixed with SODIUM NITRITE

UPDT:8306 MW: 171.21 MOLFM: C5-H14-N2 .N-Na-O2

SYN: N-ETHYL-1,3-PROPANEDIAMINE mixed with SODIUM NITRITE * SODIUM NITRITE mixed with N-ETHYL-1,3-PROPANEDIAMINE

MUTATION DATA AND REFERENCES:

	mmo-sat 1 umol/plate	ENMUDM 5,101,83

TX8040000 1,3-PROPANEDIAMINE, N-HEXYL-N'-(1-NITRO-9-ACRIDINYL)-, DIHYDROCHLORIDE

UPDT:8412 CAS: 77280-91-2 MW: 453.46 MOLFM: C22-H28-N4-O2 2Cl-H

SYN: ACRIDINE, 9-((3-(HEXYLAMINO)PROPYL)AMINO)-1-NITRO-, DIHYDROCHLORIDE * C 1006 * 9-((3-HEXYLAMINO)PROPYL)AMINO)-1-NITROACRIDINE DIHYDROCHLORIDE * 1-NITRO-9-(3-HEXYLAMINOPROPYLAMINO)ACRIDINE DIHYDROCHLORIDE

MUTATION DATA AND REFERENCES:

	dnd-hmn:hla 2500 nmol/L	CBINA8 49,311,84
	dns-hmn:hla 1 umol/L	CBINA8 49,311,84

TOXICITY DATA AND REFERENCES:

1K13	ivn-pgn LD50:10500 ug/kg	AITEAT 28,777,80

TX8050000 1,2-PROPANEDIAMINE, N-(3-HYDROXYPROPYL)-

UPDT:8303 CAS: 10171-78-5 MW: 132.24 MOLFM: C6-H16-N2-O

SYN: N-(3-HYDROXYPROPYL)-1,2-PROPANEDIAMINE

IRRITATION DATA AND REFERENCES:

	skn-rbt 100 ug/24H open	AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:5660 mg/kg	AIHAAP 23,95,62
1R10	skn-rbt LD50:2120 mg/kg	AIHAAP 23,95,62

TX8225000 1,3-PROPANEDIAMINE, N'-ISOPROPYL-N,N-DIMETHYL-

UPDT:8307 CAS: 63905-13-5 MW: 144.30 MOLFM: C8-H20-N2

SYN: N'-ISOPROPYL-N,N-DIMETHYL-1,3-PROPANE-DIAMINE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1300 mg/kg	TXAPA9 28,313,74
*	skn-rbt LD50:450 mg/kg	TXAPA9 28,313,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX8257000 1,3-PROPANEDIAMINE, N-(1-METHYLETHYL)-N'-(1-NITRO-9-ACRIDINYL)-, DIHYDROCHLORIDE

UPDT:8412 CAS: 63710-43-0 MW: 411.37 MOLFM: C19-H22-N4-O2 2Cl-H

SYN: ACRIDINE, 9-((3-(ISOPROPYLAMINO)PROPYL)AMINO)-1-NITRO-, DIHYDROCHLORIDE * C-846 * 9-((3-(ISOPROPYLAMINO)PROPYL)AMINO)-1-NITROACRIDINE DIHYDROCHLORIDE * N-(1-METHYLETHYL)-N'-(1-NITRO-9-ACRIDINYL)-1,3-PROPANEDIAMINE DIHYDROCHLOPIDE * 1-NITRO-9-(3-ISOPROPYLAMINOPROPYLAMINE)-ACRIDINE DIHYDROCHLORIDE * 1-NITRO-9-(3-ISOPROPYLAMINOPROPYLAMINO)-ACRIDINE DIHYDROCHLORIDE

MUTATION DATA AND REFERENCES:

	dnd-hmn:hla 2500 nmol/L	CBINA8 49,311,84
	dns-hmn:hla 1 umol/L	CBINA8 49,311,84
	sce-hmn:lym 80 nmol/L/69H	MUREAV 67,93,79

TOXICITY DATA AND REFERENCES:

3F07F17K12	orl-rat LD50:127 mg/kg	AITEAT 28,735,80
1F17	ivn-rat LD50:900 ug/kg	MMDPA6 8,252,76
3F07F17K12	orl-mus LD50:126 mg/kg	AITEAT 28,735,80
3F07F17K12	ivn-mus LD50:2 mg/kg	AITEAT 28,735,80
1K13	ivn-pgn LD50:2100 ug/kg	AITEAT 28,777,80

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX8258000 1,3-PROPANEDIAMINE, N-METHYL-, mixed with SODIUM NITRITE

UPDT:8306 MW: 157.18 MOLFM: C4-H12-N2 N-Na-O2

SYN: N-METHYL-1,3-PROPANEDIAMINE mixed with SODIUM NITRITE * SODIUM NITRITE mixed with N-METHYL-1,3-PROPANEDIAMINE

MUTATION DATA AND REFERENCES:

	mmo-sat 1 umol/L	ENMUDM 5,101,83

TX8272000 1,3-PROPANEDIAMINE, N-PHENYL-N,N',N'-TRIMETHYL-, FUMARATE

UPDT:8408 MW: 308.42 MOLFM: C12-H20-N2 C4-H4-O4

SYN: N-PHENYL-N,N',N'-TRIMETHYL-1,3-PROPANEDIAMINE FUMARATE

TOXICITY DATA AND REFERENCES:

1F29	ipr-mus LD50:234 mg/kg	YKKZAJ 83,696,63

TX8277000 1,3-PROPANEDIAMINE, N-PROPYL-, mixed with SODIUM NITRITE

UPDT:8306 MW: 185.24 MOLFM: C6-H16-N2 N-Na-O2

SYN: N-PROPYL-1,3-PROPANEDIAMINE mixed with SODIUM NITRITE * SODIUM NITRITE mixed with N-PROPYL-1,3-PROPANEDIAMINE

MUTATION DATA AND REFERENCES:

	mmo-sat 1 umol/plate	ENMUDM 5,101,83

TX8574000 PROPANE, 1,2-DIBROMO-

UPDT:8408 CAS: 78-75-1 MW: 201.91 MOLFM: C3-H6-Br2

SYN: 1,2-DIBROMOPROPANE * PROPYLENE DIBROMIDE

MUTATION DATA AND REFERENCES:

	mmo-sat 10 umol/plate	ENMUDM 2,59,80
	mma-sat 10 umol/plate	ENMUDM 2,59,80
	sln-dmg-orl 5 mmol/L	EXPEAM 30,621,74

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1373 mg/kg	GTPZAB 19(9),36,75
*	ihl-rat LC50:15344 mg/m3	GTPZAB 19(9),36,75
	ipr-mus LD50:75 mg/kg	NTIS** AD691-490

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX8750000 PROPANE, 1,2-DIBROMO-3-CHLORO-

UPDT:8412 CAS: 96-12-8 MW: 236.35 MOLFM: C3-H5-Br2-Cl

SYN: BBC 12 * 1-CHLORO-2,3-DIBROMOPROPANE * 3-CHLORO-1,2-DIBROMOPROPANE * DBCP * DIBROMOCHLOROPROPANE * DIBROMCHLORPROPAN (German) * 1,2-DIBROM-3-CHLOR-PROPAN (German) * 1,2-DIBROMO-3-CHLOROPROPANE * 1,2-DIBROMO-3-CHLOROPROPANE (DOT) * 1,2-DIBROMO-3-CLORO-PROPANO (Italian) * 1,2-DIBROOM-3-CHLOORPROPAAN (Dutch) * FUMAGON * FUMAZONE * FUMAZONE 86 * FUMAZONE 86E * NCI-C00500 * NEMABROM * NEMAFUME * NEMAGON * NEMAGON 20 * NEMAGONE * NEMAGON 20G * NEMAGON 90 * NEMAGON 206 * NEMAGON SOIL FUMIGANT * NEMANAX * NEMAPAZ * NEMASET * NEMATOCIDE * NEMATOX * NEMAZON * OS 1897 * OXY DBCP * PROPANE, 1-CHLORO-2,3-DIBROMO- * RCRA WASTE NUMBER U066 * SD 1897 * UN 2872 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 gm SEV	TXAPA9 3,545,61
	eye-rbt 1% MLD	TXAPA9 3,545,61

MUTATION DATA AND REFERENCES:

	mmo-sat 10 nL/plate	STEVA8 11,223,78
	mma-sat 10 nL/plate	STEVA8 11,223,78
	dnr-esc 20900 mg/disc	BECTA6 14,8,75
	mmo-bcs 1 nmol/plate	MSERDS 5,93,81
	cyt-dmg-orl 200 mg/L	MUREAV 119,287,83
	sln-dmg-ihl 17700 ppb/3H-C	ENMUDM 4,681,82
	dni-hmn:hla 10 mmol/L	MUREAV 92,427,82
	dnd-rat:lvr 30 umol/L	SinJF# 26OCT82
	cyt-rat-orl 3650 ug/kg/5D	TXAPA9 48,A46,79
	dlt-rat-orl 50 mg/kg	MUREAV 77,71,80
	spm-rat-orl 3650 ug/kg/5D	TXAPA9 48,A46,79
	dns-mus-ipr 100 mg/kg	MUREAV 68,169,79
	cyt-ham:lng 200 umol/L	MUREAV 78,177,80
	sce-ham:lng 500 umol/L	MUREAV 78,177,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T09	orl-rat TDLo:200 mg/kg (1D male)	TOXID9 4,135,84
1T34	orl-rat TDLo:500 mg/kg (6-15D preg)	BECTA6 21,483,79
2T25T26	orl-rat TDLo:250 mg/kg (5D male)	MUREAV 101,321,82
1T35	orl-rat TDLo:50 mg/kg (5D male)	MUREAV 77,71,80
3T01T02T23	orl-rat TDLo:375 mg/kg (75D male)	HYSAAV 36,344,71
1T25	ihl-rat TCLo:10 ppm/6H (4W male)	FAATDF 3,104,83
1T01	ihl-rat TCLo:1 ppm/6H (4W male)	FAATDF 3,104,83
1T02	ihl-rat TCLo:10 ppm/7H (50D male)	TXAPA9 3,545,61
2T01T02	scu-rat TDLo:80 mg/kg (1D male)	TXAPA9 70,67,83
1T23	scu-rat TDLo:33 mg/kg (1D male)	TXAPA9 71,294,83
1T01	unk-rat TDLo:100 mg/kg (1D male)	GISAAA 40(6),101,75
2T01T24	ihl-rbt TCLo:1 ppm/6H (70D male)	FAATDF 2,241,82
1T23	ihl-rbt TCLo:10 ppm/6H (40D male)	FAATDF 2,241,82
1T02	ihl-rbt TCLo:12 ppm/7H (66D male)	TXAPA9 3,545,61
1T02	ihl-gpg TCLo:12 ppm/7H (66D male)	TXAPA9 3,545,61

TUMORIGENIC DATA AND REFERENCES:

3V01K60R60	orl-rat TDLo:5475 mg/kg/73W-I	NCITR* NCI-CG-TR-28,78
2V01D09	ihl-rat TCLo:600 ppb/6H/2Y-I	BJCAAI 42,772,80
2V01K60	orl-mus TDLo:49 gm/kg/47W-I	NCITR* NCI-CG-TR-28,78
2V01D09	ihl-mus TCLo:600 ppb/6H/2Y-I	JCROD7 98,75,80
3V01J60R60	skn-mus TDLo:100 gm/kg/74W-I	JJIND8 63,1433,79
3V01K60R60	orl-rat TD :9280 mg/kg/64W-I	NCITR* NCI-CG-TR-28,78
2V01D09	ihl-mus TC :3 ppm/6H/2Y-I	JCROD7 98,75,80
3V01D09N61	ihl-rat TC :600 ppb/6H/76W-I	EVHPAZ 47,365,83
2V01D09	ihl-rat TC :3 ppm/6H/2Y-I	BJCAAI 42,772,80
3V01D09J60	ihl-mus TC :600 ppb/6H/76W-I	EVHPAZ 47,365,83
3V01D09N61	ihl-rat TC :600 ppb/6H/2Y-I	NTPTR* NTP-TR-206,82
3V01D09N61	ihl-rat TC :3 ppm/6H/84W-I	NTPTR* NTP-TR-206,82
3V01D09J60	ihl-mus TC :600 ppb/6H/2Y-I	NTPTR* NTP-TR-206,82
3V01D09J60	ihl-mus TC :3 ppm/6H/76W-I	NTPTR* NTP-TR-206,82

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:170 mg/kg	FMCHA2 -,C76,83
	ihl-rat LC50:103 ppm/8H	FEPRA7 15,448,56
	orl-mus LD50:257 mg/kg	GUCHAZ 6,172,73
	orl-rbt LD50:180 mg/kg	TXAPA9 3,545,61
	skn-rbt LD50:1400 mg/kg	TXAPA9 3,545,61
	orl-gpg LD50:150 mg/kg	PCOC** -,797,66
	orl-ckn LD50:60 mg/kg	TXAPA9 3,545,61

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: LANCAO 2,1259,77

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 20,83,79
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 20,83,79
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 15,139,77

STANDARDS & REGULATIONS:

★ OSHA-cancer hazard	CFRGBR 29,1910.1044,81
★ OSHA STANDARD-air:TWA 1 ppb	CFRGBR 29,1910.1044,81
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS	CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO DIBROMOCHLOROPROPANE recm std-air:CL 10 ppb/30M	NTIS**

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-28,78)
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NTPTR* NTP-TR-206,82)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0877-0003;8EHQ-0278-0056;8EHQ-0378-01138; 8EHQ-0478-0123;8EHQ-0478-0128;8EHQ-0678-0192 S; 8EHQ-0778-0219
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX8810000 PROPANE, 1,2-DIBROMO-2-METHYL-
UPDT:8401 CAS: 594-34-3 MW: 215.94 MOLFM: C4-H8-Br2
SYN: 1,2-DIBROMO-2-METHYLPROPANE

MUTATION DATA AND REFERENCES:

	dnr-esc 10 uL/plate	EVHPAZ 21,79,77

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

PROPANE, 1,3-DIBROMO-, polymer with N,N,N',N'-TETRAMETHYL-1,6-HEXANEDIAMINE see: MO1400000

1,3-PROPANEDICARBOXYLIC ACID see: MA3740000

TX9350000 PROPANE, DICHLORO-
UPDT:8308 CAS: 26638-19-7 MW: 112.99 MOLFM: C3-H6-Cl2
SYN: DICHLOROPROPANE * DICHLOROPROPANE (DOT) * DICHLORPROPAN * PROPYLENE DICHLORIDE (DOT) * UN 1279 (DOT)

MUTATION DATA AND REFERENCES:

	cyt-rat-scu 21 mmol/L/kg	IGIBA5 24,37,75

STANDARDS & REGULATIONS:

★	DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.101,82

TX9450000 PROPANE, 1,1-DICHLORO-
UPDT:8407 CAS: 78-99-9 MW: 112.99 MOLFM: C3-H6-Cl2
SYN: 1,1-DICHLOROPROPANE * PROPYLIDENE CHLORIDE

IRRITATION DATA AND REFERENCES:

	eye-rbt 500 mg open	AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:6500 mg/kg	AMIHBC 10,61,54
*	ihl-rat LCLo:4000 ppm/4H	AMIHBC 10,61,54
*	skn-rbt LD50:14 gm/kg	AMIHBC 10,61,54

TX9625000 PROPANE, 1,2-DICHLORO-
UPDT:8412 CAS: 78-87-5 MW: 112.99 MOLFM: C3-H6-Cl2
SYN: BICHLORURE DE PROPYLENE (French) * alpha,beta-DICHLOROPROPANE * 1,2-DICHLOROPROPANE * DWUCHLOROPROPAN (Polish) * ENT 15,406 * NCI-C55141 * PROPYLENE CHLORIDE * PROPYLENE DICHLORIDE * alpha,beta-PROPYLENE DICHLORIDE * RCRA WASTE NUMBER U083

IRRITATION DATA AND REFERENCES:

	eye-rbt 500 mg MLD	AIHAAP 30,470,69

MUTATION DATA AND REFERENCES:

	mmo-sat 100 ug/plate	ENMUDM 5(Suppl 1),3,83
	mma-sat 333 ug/plate	ENMUDM 5(Suppl 1),3,83

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2196 mg/kg	AIHAAP 30,470,69
1F17	ihl-rat LCLo:1600 ppm/7H	JIHTAB 28,1,46
*	orl-mus LD50:860 mg/kg	85ESA3 9,1017,76
*	ihl-mus LCLo:1000 ppm/2H	JIHTAB 28,1,46
2F04L30	orl-dog LDLo:5000 mg/kg	AJHYA2 16,325,32
	skn-rbt LD50:8750 mg/kg	UCDS** 7/28/66
*	orl-gpg LD50:2000 mg/kg	FMCHA2 -,C198,83

REVIEW AND REFERENCES:

	TOXICOLOGY REVIEW: PAREAQ 4,1,52	
★	TLV-TWA 75 ppm; STEL 110 ppm	DTLVS* 4,349,80

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 75 ppm (SCP-G)	FEREAC 39,23540,74

STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 321
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1003
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

TX9665000 PROPANE, 1,2-DICHLORO-, mixt. with 1,3-DICHLOROPROPENE and ISOTHIOCYANATOMETHANE
UPDT:8309 CAS: 8066-01-1 MW: 297.08 MOLFM: C3-H6-Cl2 C3-H4-Cl2 C2-H3-N-S
SYN: D-D METHYLISOTHIOCYANATE * DD-MENCS * DD-METHYL ISOTHIOCYANATE mixt. * DI-TRAPEX * FORLEX * VORLEX

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:72 mg/kg	KONODE 22,100,78
*	skn-rat LD50:961 mg/kg	FMCHA2 -,C254,83
	orl-mus LD50:90 mg/kg	KONODE 22,100,78
*	skn-rbt LD50:470 mg/kg	FMCHA2 -,C254,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX9683000 PROPANE, 1,3-DICHLORO-1,2-EPOXY-, (E)-
UPDT:8310 CAS: 66826-73-1 MW: 126.97 MOLFM: C3-H4-Cl2-O
SYN: trans-2-CHLORO-3-(CHLOROMETHYL)OXIRANE * trans-DCPO * trans-1,3-DICHLORO-1,2-EPOXYPROPANE * trans-1,3-DICHLOROPROPENE OXIDE * OXIRANE, 2-CHLORO-3-(CHLORMETHYL)-, trans- (9CI)

MUTATION DATA AND REFERENCES:

	otr-ham:emb 10 umol/L	JJIND8 69,531,82

TUMORIGENIC DATA AND REFERENCES:

3V01R60V10	skn-mus TDLo:400 mg/kg/73W-I	CNREA8 43,159,83
3V01R60V10	scu-mus TDLo:20 mg/kg/71W-I	CNREA8 43,159,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX9683010 PROPANE, 1,3-DICHLORO-1,2-EPOXY-, (Z)-
UPDT:8310 CAS: 66826-72-0 MW: 126.97 MOLFM: C3-H4-Cl2-O
SYN: cis-2-CHLORO-3-(CHLOROMETHYL)OXIRANE * cis-DCPO * cis-1,3-DICHLORO-1,2-EPOXYPROPANE * cis-1,3-DICHLOROPROPENE OXIDE * OXIRANE, 2-CHLORO-3-(CHLOROMETHYL)-, cis- (9CI)

MUTATION DATA AND REFERENCES:

	otr-ham:emb 5 umol/L	JJIND8 69,531,82

TUMORIGENIC DATA AND REFERENCES:

3V01R60V10	skn-mus TDLo:400 mg/kg/53W-I	CNREA8 43,159,83
3V01R60V10	scu-mus TDLo:20 mg/kg/71W-I	CNREA8 43,159,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TX9695000 PROPANE, DICHLORO-2-METHYL-
UPDT:8408 CAS: 27177-44-2 MW: 127.02 MOLFM: C4-H8-Cl2
SYN: DICHLOROISOBUTANE * 1,2-DICHLOROISOBUTANE * DICHLORO-2-METHYLPROPANE

TOXICITY DATA AND REFERENCES:

*	ihl-mus LC50:39 mg/m3/2H	85GMAT -,46,82

TX9780000 PROPANE, DICHLORO-, mixed with DICHLORO-1-PROPENE
UPDT:8407
SYN: DICHLOROPROPENE and PROPYLENE DICHLORIDE MIXTURE (DOT) * NA 2047 (DOT)

STANDARDS & REGULATIONS:

★	DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.101,82

TX9800000 PROPANE, DICHLORO- mixed with PROPENE, DICHLORO-
UPDT:8309 CAS: 8003-19-8 MW: 223.96 MOLFM: C3-H6-Cl2 C3-H4-Cl2
SYN: D-D * DD MIXTURE * DD SOIL FUMIGANT * DICHLOROPROPANE-DICHLOROPROPENE mixture * 1,3-DICHLOROPROPENE and 1,2-DICHLOROPROPANE mixture * DOWFUME N * ENT 8,420 * NEMAFENE * TELONE * VIDDEN D

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H SEV	AMIHBC 7,118,53
	eye-rbt 5 mg SEV	AMIHBC 7,118,53

MUTATION DATA AND REFERENCES:

	mma-sat 500 ug/plate	CNREA8 37,1915,77
	mmo-sat 500 ug/plate	CNREA8 37,1915,77

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:140 mg/kg	ARSIM* 20,8,66
2J15L03	ihl-rat LC50:1000 ppm/4H	AMIHBC 7,118,53
	skn-rat LD50:2100 mg/kg	BESAAT 15,99,69
*	orl-mus LD50:3 mg/kg	ARSIM* 20,8,66
	skn-rbt LD50:2100 mg/kg	PCOC** -,371,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROPANE-DIETHYL SULFONE see: TX3850000

TY1050000 PROPANE, 2,2-DIFLUORO-1,1,1,3,3,3-HEXACHLORO-
UPDT:8307 CAS: 3182-26-1 MW: 286.73 MOLFM: C3-Cl6-F2
SYN: 1,1,1,3,3,3-HEXACHLORO-2,2-DIFLUOROPROPANE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:540 mg/kg	AIHAAP 30,470,69
	skn-rbt LD50:4530 mg/kg	AIHAAP 30,470,69

PROPANE-1,3-DIMETHANESULFONATE see: TY5400000

TY1190000 PROPANE, 2,2-DIMETHYL-
UPDT:8312 CAS: 463-82-1 MW: 72.17 MOLFM: C5-H12
SYN: 2,2-DIMETHYLPROPANE * 2,2-DIMETHYLPROPANE (DOT) * NEOPENTAENE * tert-PENTANE (DOT) * UN 1265 (DOT) * UN 2044 (DOT)

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:100 mg/kg	HINAAU 10,206,68

STANDARDS & REGULATIONS:

★	DOT-IMO:FLAMMABLE GAS; LABEL:FLAMMABLE GAS	CFRGBR 49,172.102,83
★	DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.102,83
★	CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ALKANES recm std-air:TWA 350 mg/m3;CL 1800 mg/m3/15M	NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TY1225000 PROPANE, 1-(N,N-DIMETHYLAMINO)-2-CHLORO-, HYDROCHLORIDE
UPDT:8306 CAS: 4584-49-0 MW: 158.09 MOLFM: C5-H12-Cl-N .Cl-H
SYN: 2-CHLOROPROPYL-DIMETHYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

	scu-mus LD50:200 mg/kg	JPETAB 98,121,50

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0273-0073

PROPANEDINITRILE, ((3,5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXYPHENYL)METHYLENE)- see: OO3737000

PROPANEDINITRILE, ((2-CHLOROPHENYL)METHYLENE) see: OO3675000

PROPANEDINITRITE see: OO3150000

PROPANEDIOIC ACID, BUTYL-, MONO(1,2-DIPHENYLHYDRAZIDE), CALCIUM SALT (2:1) (9CI) see: OO0624000

PROPANEDIOIC ACID, DIETHYL ESTER see: OO0700000

PROPANEDIOIC ACID, DIMETHYL ESTER (9CI) see: OO0950000

PROPANEDIOIC ACID, DITHALLIUM SALT see: OO1770000

TY1846000 PROPANEDIOIC ACID, 1,3-DITHIOLAN-2-YLIDENE-, BIS(1-METHYLETHYL) ESTER
UPDT:8309 CAS: 50512-35-1 MW: 290.42 MOLFM: C12-H18-O4-S2
SYN: DI-ISOPROPYL 1,3-DITHIOLANE-2-YLIDENEMALONATE * FUJI 1 * FUJIONE * FUJI-ONE * IPT * IPT (PESTICIDE) * ISOPROTHIOLANE * NKK 100 * NNF-109

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1190 mg/kg	FMCHA2 -,C111,83

PROPANE-1,2-DIOL see: TY2000000

TY2000000 1,2-PROPANEDIOL
UPDT:8402 CAS: 57-55-6 MW: 76.11 MOLFM: C3-H8-O2
SYN: 1,2-DIHYDROXYPROPANE * DOWFROST * METHYLETHYLENE GLYCOL * METHYL GLYCOL * MONOPROPYLENE GLYCOL * PG 12 * PROPANE-1,2-DIOL * PROPYLENE GLYCOL * PROPYLENE GLYCOL USP * alpha-PROPYLENEGLYCOL * 1,2-PROPYLENE GLYCOL * SIRLENE * SOLAR WINTER BAN * TRIMETHYL GLYCOL

IRRITATION DATA AND REFERENCES:

	skn-hmn 500 mg/7D MLD	JIDEAE 55,190,70
	skn-hmn 104 mg/3D-I MOD	85DKAB -,127,77
	skn-man 10%/2D	JIDEAE 19,423,52
	eye-rbt 100 mg MLD	FCTOD7 20,573,82
	eye-rbt 500 mg/24H MOD	28ZPAK -,37,72

MUTATION DATA AND REFERENCES:

	dni-mus-scu 8000 mg/kg	APMUAN S274,304,81
	cyt-mus-scu 8000 mg/kg	APMUAN S274,304,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	ipr-mus TDLo:100 mg/kg (11D preg)	KAIZAN 37,239,62
1T34	ipr-mus TDLo:100 mg/kg (15D preg)	KAIZAN 37,239,62

TOXICITY DATA AND REFERENCES:

3A10F01F12	orl-chd TDLo:79 gm/kg/56W-I	JOPDAB 93,515,78
	orl-rat LD50:20 gm/kg	TXAPA9 45,362,78
*	ipr-rat LD50:6660 mg/kg	KRKRDT 9,36,81
	scu-rat LD50:28 gm/kg	JIHTAB 31,256,49
	ivn-rat LD50:6800 mg/kg	NTIS** PB280-477
	ims-rat LD50:20 gm/kg	JIHTAB 31,256,49
	orl-mus LD50:24 gm/kg	JIHTAB 21,173,39
3J16M04P27	ipr-mus LD50:9718 mg/kg	FEPRA7 6,342,47
3F17F23J24	scu-mus LD50:17370 mg/kg	KRKRDT 8,46,81
	ivn-mus LD50:8000 mg/kg	JPETAB 65,89,39
	orl-dog LD50:22 gm/kg	JIHTAB 21,173,39
	ivn-dog LD50:26 gm/kg	NTIS** PB280-477
	orl-rbt LDLo:20 gm/kg	NTIS** PB280-477
	skn-rbt LD50:20800 mg/kg	NPIRI* 1,101,74
	ivn-rbt LDLo:4200 mg/kg	JPETAB 44,109,32
	ims-rbt LDLo:6300 mg/kg	JPETAB 44,109,32
	orl-gpg LD50:19 gm/kg	JIHTAB 21,173,39
	scu-gpg LDLo:15500 mg/kg	NTIS** PB280-477
	ivn-ckn LDLo:27 gm/kg	JPETAB 60,312,37

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJMEAZ 38,409,65

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0178-0041
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,2-PROPANEDIOL, 1-ACRYLATE see: AT1925000

TY2280000 1,2-PROPANEDIOL, 3-(ALLYLAMINO)-
UPDT:8403 MW: 131.20 MOLFM: C6-H13-N-O2
SYN: 3-(ALLYLAMINO)-1,2-PROPANEDIOL * 2,3-DIHYDROXYPROPYLALLYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 250 ug/plate MUREAV 111,135,83

1,2-PROPANEDIOL, ALLYL ETHER see: UA4900000

TY2700000 1,2-PROPANEDIOL, 3-ALLYLOXY-
UPDT:8305 CAS: 123-34-2 MW: 132.18 MOLFM: C6-H12-O3
SYN: alpha-ALLYL GLYCEROL ETHER * 3-ALLYLOXY-1,2-PROPANEDIOL * ETHER, ALLYL GLYCERYL * GLYCEROL alpha-ALLYL ETHER
IRRITATION DATA AND REFERENCES:
skn-rbt 535 mg/24H MLD AMIHBC 2,574,50
eye-rbt 107 mg AMIHBC 2,574,50
TOXICITY DATA AND REFERENCES:
3C08F05J25 orl-mus LD50:4200 mg/kg FEPRA7 8,477,49
scu-mus LD50:1135 mg/kg JPETAB 93,470,48
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TY2900000 1,3-PROPANEDIOL, 2-AMINO-2-(HYDROXYMETHYL)-
UPDT:8308 CAS: 77-86-1 MW: 121.16 MOLFM: C4-H11-N-O3
SYN: ADDEX-THAM * 2-AMINO-2-(HYDROXYMETHYL)PROPANE-1,3-DIOL * 2-AMINO-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL * 2-AMINO-2-METHYLOL-1,3-PROPANEDIOL * AMINOTRIMETHYLOLMETHANE * AMINOTRIS(HYDROXYMETHYL)METHANE * METHYLAMINE, 1,1,1-TRIS(HYDROXYMETHYL)- * PEHANORM * TALATROL * THAM * THAM-E * THAM SET * TRIMETHYLOLAMINOMETHANE * TRIS * TRISAMINE * TRIS-AMINO * TRISAMINOL * TRIS BUFFER * TRIS-HYDROXYMETHYL-AMINOMETHAN (German) * TRIS-HYDROXYMETHYLAMINOMETHANE * TRIS(HYDROXYMETHYL)METHANAMINE * TRIS(HYDROXYMETHYL)METHYLAMINE * TRISPUFFER * TRIS-STERIL * TROMETAMOL * TROMETAMOLE * TROMETHAMINE * TROMETHANE * TROMETHANMIN * TUTOFUSIN TRIS
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5900 mg/kg BCFAAI 110,653,71
ivn-mus LD50:1210 mg/kg ABMGAJ 17,217,66
orl-rbt LDLo:1000 mg/kg JIHTAB 22,315,40
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TY3165000 1,2-PROPANEDIOL, 3-((2-(5-AMINO-2-THIENYL)-4-QUINAZOLINYL)AMINO)-
UPDT:8401 CAS: 57584-57-3 MW: 316.41 MOLFM: C15-H16-N4-O2-S
SYN: 3-((2-(5-AMINO-2-THIENYL)-4-QUINAZOLINYL)AMINO)-1,2-PROPANEDIOL * 4-(2,3-DIHYDROXYPROPYLAMINO)-2-(5-AMINO-2-THIENYL)QUINAZOLINE
MUTATION DATA AND REFERENCES:
mmo-sat 80 ug/plate CNREA8 35,3611,75
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

TY3171000 1,2-PROPANEDIOL, 3-AZIDO-, DINITRATE
UPDT:8308 MW: 207.13 MOLFM: C3-H5-N5-O6
SYN: 3-AZIDO-1,2-PROPANEDIOL DINITRATE * 3-AZIDO-1,2-PROPYLENE GLYCOL DINITRATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

TY3192000 1,3-PROPANEDIOL, 2-((4,6-BIS(1-AZIRIDINYL)-s-TRIAZIN-2-YL)AMINO)-
UPDT:8405 MW: 252.32 MOLFM: C10-H16-N6-O2
SYN: 2-((4,6-BIS(1-AZIRIDINYL)-s-TRIAZIN-2-YL)AMINO)-1,3-PROPANEDIOL * 6-(1,3-DIHYDROXY-2-PROPYLAMINO)-2,4-DI(ETHYLENEIMINO)TRIAZINE
TOXICITY DATA AND REFERENCES:
1V30 ipr-rat LD50:3500 ug/kg VOONAW 23(12),70,77
1V30 ipr-mus LD50:7493 ug/kg PCJOAU 12,481,78

TY3192300 1,3-PROPANEDIOL, 2-((4,6-BIS(1-AZIRIDINYL)-s-TRIAZIN-2-YL)AMINO)-2-ETHYL-
UPDT:8405 MW: 280.38 MOLFM: C12-H20-N6-O2
SYN: 2-((4,6-BIS(1-AZIRIDINYL)-s-TRIAZIN-2-YL)AMINO)-2-ETHYL-1,3-PROPANEDIOL * 6-(1-(1,2-DIHYDROXYMETHYL)PROPYLAMINO)-2,4-DI(ETHYLIMINO)TRIAZINE
TOXICITY DATA AND REFERENCES:
1V30 ipr-rat LD50:6 mg/kg VOONAW 23(12),70,77
1V30 ipr-mus LD50:11 mg/kg PCJOAU 12,481,78

TY3192600 1,3-PROPANEDIOL, 2-((4,6-BIS(1-AZIRIDINYL)-s-TRIAZIN-2-YLAMINO))-2-(HYDROXYMETHYL)-
UPDT:8405 MW: 282.35 MOLFM: C11-H18-N6-O3
SYN: 2-(4,6-BIS(1-AZIRIDINYL)-s-TRIAZIN-2-YLAMINO)-2-HYDROXYMETHYL-1,3-PROPANEDIOL * 6-(TRIS(HYDROXYMETHYL)METHYLAMINO)-2,4-DI(ETHYLENEIMINO)TRIAZINE
TOXICITY DATA AND REFERENCES:
1V30 ipr-rat LD50:3800 ug/kg VOONAW 23(12),70,77
1V30 ipr-mus LD50:4997 ug/kg PCJOAU 12,481,78

TY3192800 1,3-PROPANEDIOL, 2-((4,6-BIS(1-AZIRIDINYL)-s-TRIAZIN-2-YL)AMINO)-2-METHYL-
UPDT:8405 MW: 266.35 MOLFM: C11-H18-N6-O2
SYN: 2-((4,6-BIS(1-AZIRIDINYL)-s-TRIAZIN-2-YL)AMINO)-2-METHYL-1,3-PROPANEDIOL * 6-(1-(1,2-DIHYDROXYMETHYL)ETHYLAMINO)-2,4-DI(ETHYLENEIMINO)TRIAZINE
TOXICITY DATA AND REFERENCES:
1V30 ipr-rat LD50:8 mg/kg VOONAW 23(12),70,77
1V30 ipr-mus LD50:13 mg/kg PCJOAU 12,481,78

1,3-PROPANEDIOL, 2,2-BIS((BENZOYLOXY)METHYL)-, DIBENZOATE see: RZ2605000

TY3195500 1,3-PROPANEDIOL, 2,2-BIS(BROMOMETHYL)-
UPDT:8412 CAS: 3296-90-0 MW: 261.97 MOLFM: C5-H10-Br2-O2
SYN: 2,2-BIS(BROMOMETHYL)-1,3-PROPANEDIOL * DIBROMONEOPENTYL GLYCOL * DIBROMOPENTAERYTHRITOL * FR 1138 * NCI-C55516 * PENTAERYTHRITOL DIBROMIDE * PENTAERYTHRITOL DIBROMOHYDRIN
TOXICITY DATA AND REFERENCES:
1D20 orl-rat LD50:3458 mg/kg JCTODH 7,77,80
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

TY3336500 1,3-PROPANEDIOL, 2,2-BIS((p-CHLOROPHENOXY)METHYL)-
UPDT:8402 MW: 357.25 MOLFM: C17-H18-Cl2-O4
SYN: 2,2-BIS((p-CHLOROPHENOXY)METHYL)-1,3-PROPANEDIOL * BIS (p-CHLOROPHENOXYMETHYL)-2,2 PROPANEDIOL-1,3 (French) * 1519 H.C.
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2300 mg/kg APFRAD 22,595,64
* scu-mus LD50:2450 mg/kg APFRAD 22,595,64

1,3-PROPANEDIOL, 2,2-BIS(HYDROXYMETHYL)- see: RZ2490000

1,3-PROPANEDIOL, 2,2-BIS((NITROOXY)METHYL)-, DINITRATE (ester) see: RZ2620000

TY3342200 1,3-PROPANEDIOL, 2,2-BIS((NITROOXY)METHYL)-, DINITRATE (ester), mixt. with 2-METHYL- 1,3,5-TRINITROBENZENE, (DOT)
UPDT:8312 CAS: 8066-33-9 MW: 543.32 MOLFM: C7-H5-N3-O6 C5-H8-N4-O12
SYN: PENTOLITE * PENTOLITE, dry or containing less than 15% water (DOT) * UN 0151 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82

TY3385000 1,3-PROPANEDIOL, 2-BROMO-2-NITRO-
UPDT:8403 CAS: 52-51-7 MW: 200.01 MOLFM: C3-H6-Br-N-O4
SYN: 2-BROMO-2-NITROPROPAN-1,3-DIOL * 2-BROMO-2-NITROPROPANE-1,3-DIOL * 2-BROMO-2-NITRO-1,3-PROPANEDIOL * beta-BROMO-beta-NITROTRIMETHYLENEGLYCOL * BRONOCOT * BRONOPOL * BRONOSOL
IRRITATION DATA AND REFERENCES:
skn-hmn 10 mg MOD JSCCA5 29,3,78
skn-rbt 500 mg/24H MLD JEPTDQ 4(4),47,80
skn-rbt 80 mg MOD JEPTDQ 4(4),47,80
eye-rbt 5 mg JSCCA5 29,3,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:180 mg/kg 28ZEAL 5,30,76
* skn-rat LD50:3500 mg/kg IYKEDH 8,680,77
ipr-rat LD50:26 mg/kg JSCCA5 29,3,78
* scu-rat LD50:176 mg/kg IYKEDH 8,680,77
* ivn-rat LD50:37400 ug/kg IYKEDH 8,680,77
* orl-mus LD50:250 mg/kg FMCHA2 -,C37,83
* skn-mus LD50:4750 mg/kg IYKEDH 8,680,77
ipr-mus LD50:15500 ug/kg KHFZAN 11(1),73,77
* scu-mus LD50:116 mg/kg IYKEDH 8,680,77
* ivn-mus LD50:48 mg/kg IYKEDH 8,680,77
orl-dog LD50:250 mg/kg 28ZEAL 5,30,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TY3700000 1,3-PROPANEDIOL, 2-(tert-BUTYL)-2-(HYDROXYMETHYL)-, CYCLIC PHOSPHATE (1:1)
UPDT:8304 CAS: 61481-19-4 MW: 206.20 MOLFM: C8-H15-O4-P
SYN: t-BUTYL-BICYCLOPHOSPHATE * 2-(tert-BUTYL)-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL, CYCLIC PHOSPHATE (1:1) * 4-t-BUTYL-1-OXO-1-PHOSPHA-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE * 4-(tert-BUTYL)-2,6,7-TRIOXA-1-PHOSPHABICYCLO(2.2.2)OCTAN-1-ONE * 2,6,7-TRIOXA-1-PHOSPHABICYCLO(2.2.2)OCTAN-1-ONE, 4-(tert-BUTYL)-
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:35 ug/kg TXAPA9 46,411,78
* orl-mus LD50:45 ug/kg TXAPA9 46,411,78
ipr-mus LD50:35 ug/kg TXAPA9 46,411,78
ivn-mus LD50:120 ug/kg EJMCA5 13,207,78

TY3710000 1,3-PROPANEDIOL, 2-BUTYL-2-ISOBUTYL-, DICARBAMATE (ester)
UPDT:8402 MW: 274.41 MOLFM: C13-H26-N2-O4
SYN: 2-BUTYL-2-ISOBUTYL-1,3-PROPANEDIOL DICARBAMATE (ester) * ESTER DICARBAMIQUE du BUTYLISOBUTYLPROPANEDIOL-1,3 (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3750 mg/kg APFRAD 20,121,62

TY3715000 1,3-PROPANEDIOL, 2-BUTYL-2-ISOPROPYL-, DICARBAMATE (ester)
UPDT:8402 MW: 260.38 MOLFM: C12-H24-N2-O4
SYN: 2-BUTYL-2-ISOPROPYL-1,3-PROPANEDIOL DICARBAMATE (ester) * ESTER DICARBAMIQUE du BUTYLISOPROPYLPROPANEDIOL-1,3 (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1560 mg/kg APFRAD 20,121,62

TY4025000 1,2-PROPANEDIOL, 3-CHLORO-
UPDT:8412 CAS: 96-24-2 MW: 110.55 MOLFM: C3-H7-Cl-O2
SYN: CHLORHYDRIN * alpha-CHLORHYDRIN * CHLORODEOXYGLYCEROL * 1-CHLORO-2,3-DIHYDROXYPROPANE * 3-CHLORO-1,2-DIHYDROXYPROPANE * alpha-CHLOROHYDRIN * 1-CHLOROPROPANE-2,3-DIOL * 1-CHLORO-2,3-PROPANEDIOL * 3-CHLOROPROPANE-1,2-DIOL * 3-CHLORO-1,2-PROPANEDIOL * 3-CHLOROPROPYLENE GLYCOL * beta,beta'-DIHYDROXYISOPROPYL CHLORIDE * 2,3-DIHYDROXYPROPYL CHLORIDE * EPIBLOC * GLYCERIN alpha-MONOCHLORHYDRIN * GLYCEROL CHLOROHYDRIN * GLYCEROL alpha-CHLOROHYDRIN * GLYCEROL alpha-MONOCHLOROHYDRIN * GLYCEROL-alpha-MONOCHLOROHYDRIN (DOT) * GLYCERYL-alpha-CHLOROHYDRIN * MONOCHLORHYDRIN * MONOCHLOROHYDRIN * alpha-MONOCHLOROHYDRIN * U 5897 * UN 2689 (DOT)
IRRITATION DATA AND REFERENCES:
eye-rbt 27 mg AJOPAA 29,1363,46
MUTATION DATA AND REFERENCES:
mmo-sat 200 umol/plate JTEHD6 5,1149,79
mma-sat 200 umol/plate JTEHD6 5,1149,79
mmo-ssp 100 mmol/L MUREAV 118,213,83
mma-ssp 300 mmol/L MUREAV 118,213,83
spm-rat-orl 600 mg/kg/24D-C CUSCAM 44,193,75
spm-rat-scu 40 mg/kg PAPOAC 24,419,73
msc-mus:lym 10 mmol/L PAACA3 21,74,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 orl-rat TDLo:2500 ug/kg (1D male) JRPFA4 38,1,74
1T23 orl-rat TDLo:2 mg/kg (1D male) IPCLBZ 24,20,82
1T02 orl-rat TDLo:85500 ug/kg (9D male) PSEBAA 132,656,69
1T23 ipr-rat TDLo:13200 ug/kg (3D male) JRPFA4 46,401,76
2T03T09 ipr-rat TDLo:150 mg/kg (10D male) IJEBA6 16,1278,78
1T09 scu-rat TDLo:14 mg/kg (1D male) IJEBA6 15,1036,77
1T23 scu-rat TDLo:24 mg/kg (3D male) JRPFA4 24,267,71
1T01 scu-rat TDLo:90 mg/kg (1D male) CCPTAY 11,69,75
2T12T13 scu-rat TDLo:750 mg/kg (15D pre) AEFTAA 10,23,79
1T02 scu-rat TDLo:150 mg/kg (10D male) JRPFA4 28,277,72
1T23 ipr-mus TDLo:133 mg/kg (3D male) JRPFA4 46,401,76
1T02 scu-dog TDLo:70 mg/kg (1D male) AEFTAA 6,57,75
1T01 scu-dog TDLo:240 mg/kg (30D male) AEFTAA 8,167,77
1T02 itt-dog TDLo:2667 ug/kg (1D male) IJEBA6 14,613,76
2T01T02 itt-dog TDLo:15385 ug/kg (1D male) JAINAA 25,115,76
1T23 orl-mky TDLo:1260 mg/kg (42D male) JRPFA4 21,275,70
2T02T09 orl-mky TDLo:5600 mg/kg (40D male) ENDKAC 69,157,77
1T02 itt-mky TDLo:40 mg/kg (1D male) AEFTAA 7,175,76
1T01 scu-rbt TDLo:24 mg/kg (3D male) JRPFA4 45,117,75
1T23 orl-pig TDLo:25 mg/kg (25D male) JANSAG 34,241,72
1T01 orl-pig TDLo:5 mg/kg (5D male) INJFA3 20,87,75
1T23 orl-ham TDLo:350 mg/kg (7D male) CCPTAY 17,413,78
1T01 orl-ham TDLo:280 mg/kg (7D male) CCPTAY 17,413,78
1T23 scu-ham TDLo:132 mg/kg (2D male) JRPFA4 39,291,74
1T02 orl-grb TDLo:750 mg/kg (50D male) IJEBA6 13,491,75
1T01 orl-ctl TDLo:450 mg/kg (18D male) JANSAG 35,246,72
3T01T09T23 orl-dom TDLo:625 mg/kg (25D male) JANSAG 29,193,69
2T01T23 ims-ctl TDLo:75 mg/kg (3D male) AEFTAA 5,193,74
1T23 ims-dom TDLo:75 mg/kg (3D male) JRPFA4 43,381,75
TUMORIGENIC DATA AND REFERENCES:
2V03N62 orl-rat TDLo:34580 mg/kg/72W-C JJIND8 67,75,81
TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:125 ppm/4H JIHTAB 31,343,49
2F07U01 orl-rat LD50:26 mg/kg IPCLBZ 24,20,82
ipr-rat LDLo:10 mg/kg NCNSA6 5,9,53
orl-mus LD50:160 mg/kg AMIHAB 14,250,56
ipr-mus LD50:73 mg/kg JMCMAR 18,116,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: LIFSAK 23,1625,78
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TY4200000 1,3-PROPANEDIOL, CHLORO-
UPDT:8407 CAS: 1331-07-3 MW: 110.55 MOLFM: C3-H7-Cl-O2
SYN: CHLOROPROPANE DIOL-1.3
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 30,63,48
eye-rbt 20 mg open JIHTAB 30,63,48
TOXICITY DATA AND REFERENCES:
orl-rat LD50:110 mg/kg JIHTAB 30,63,48
ihl-rat LCLo:1000 ppm/1H JIHTAB 30,63,48
* skn-rbt LD50:450 mg/kg JIHTAB 30,63,48
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TY4202000 1,2-PROPANEDIOL, 3-CHLORO-, (+-)-
UPDT:8402 CAS: 52340-46-2 MW: 110.55 MOLFM: C3-H7-Cl-O2
SYN: dl-alpha-CHLOROHYDRIN * (+-)-3-CHLORO-1,2-PROPANEDIOL * dl-3-CHLORO-1,2-PROPANEDIOL * (+-)-2,3-DIHYDROXYCHLOROPROPANE
MUTATION DATA AND REFERENCES:
trn-rat-orl 50 mg/kg CBINA8 13,193,76
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:50 mg/kg (5D male) CCPTAY 13,639,76
1T23 orl-rat TDLo:50 mg/kg (1D male) CCPTAY 13,639,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TY4203000 1,2-PROPANEDIOL, 3-CHLORO-, 1-ACETATE
UPDT:8305 CAS: 24573-30-6 MW: 152.59 MOLFM: C5-H9-Cl-O3
SYN: ACETIC ACID, 3-CHLORO-2-HYDROXYPROPYL ESTER * 3-CHLORO-1,2-PROPANEDIOL 1-ACETATE * U 25,792
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-rat TDLo:960 mg/kg (8D male) JRPFA4 21,263,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TY4203100 1,2-PROPANEDIOL, 3-CHLORO-, 1-BENZOATE
UPDT:8307 CAS: 3477-94-9 MW: 214.66 MOLFM: C10-H11-Cl-O3
SYN: BENZOIC ACID, 3-CHLORO-2-HYDROXYPROPYL ESTER * 1-BENZOYLOXY-3-CHLOROPROPAN-2-OL * 3-CHLORO-1,2-PROPANEDIOL 1-BENZOATE * U 27,574
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-rat TDLo:960 mg/kg (8D male) JRPFA4 21,263,70
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:450 mg/kg JMCMAR 20,644,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TY4225000 1,3-PROPANEDIOL, 2-(CHLOROMETHYL)-2-((p-CHLOROPHENOXY)METHYL)-
UPDT:8305 CAS: 834-54-8 MW: 265.15 MOLFM: C11-H14-Cl2-O3
SYN: 2-(CHLOROMETHYL)-2-((p-CHLOROPHENOXY)METHYL)-1,3-PROPANEDIOL * CHLOROMETHYL-2 PARACHLOROPHENOXYMETHYL-2 PROPANEDIOL-1.3 (French) * HC 1511 * 1,3-PROPANEDIOL, 2-(CHLOROMETHYL)-2-((4-CHLOROPHENOXY)METHYL)-
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:780 mg/kg APFRAD 24,429,66

1,3-PROPANEDIOL, 2-(CHLOROMETHYL)-2-((4-CHLOROPHENOXY)METHYL)- see: TY4225000

TY4225200 1,3-PROPANEDIOL, 2-(CHLOROMETHYL)-2-((2,4-DICHLOROPHENOXY)METHYL)-
UPDT:8305 CAS: 837-03-6 MW: 299.59 MOLFM: C11-H13-Cl3-O3
SYN: 2-(CHLOROMETHYL)-2-((2,4-DICHLOROPHENOXY)METHYL)-1,3-PROPANEDIOL * HC 1531
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:253 mg/kg APFRAD 24,429,66

1,3-PROPANEDIOL, 2-(CHLOROMETHYL)-2-((2-METHYLPHENOXY)METHYL)- see: TY4226010

1,3-PROPANEDIOL, 2-(CHLOROMETHYL)-2-((2-NAPHTHALENYLOXY)METHYL)- see: TY4225600

TY4225600 1,3-PROPANEDIOL, 2-(CHLOROMETHYL)-2-((2-NAPHTHYLOXY)METHYL)-
UPDT:8305 CAS: 842-91-1 MW: 280.77 MOLFM: C15-H17-Cl-O3
SYN: CHLOROMETHYL-2 beta-NAPHTHYLOXYMETHYL-2 PROPANEDIOL-1,3 (French) * 2-(CHLOROMETHYL)-2-((2-NAPHTHYLOXY)METHYL)-1,3-PROPANEDIOL * HC 1532 * 1,3-PROPANEDIOL, 2-(CHLOROMETHYL)-2-((2-NAPHTHALENYLOXY)METHYL)-
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:850 mg/kg APFRAD 24,429,66

1,3-PROPANEDIOL, 2-(CHLOROMETHYL)-2-(((5,6,7,8-TETRAHYDRO-2-NAPHTHALENYL)OXY)METHYL)- see: TY4225800

TY4225800 1,3-PROPANEDIOL, 2-(CHLOROMETHYL)-2-(((5,6,7,8-TETRAHYDRO-2-NAPHTHYL)OXY)METHYL)-
UPDT:8305 CAS: 7262-66-0 MW: 284.81 MOLFM: C15-H21-Cl-O3
SYN: 2-(CHLOROMETHYL)-2-(((5,6,7,8-TETRAHYDRO-2-NAPHTHYL)OXY)METHYL)-1,3-PROPANEDIOL * HC 1533 * 1,3-PROPANEDIOL, 2-(CHLOROMETHYL)-2-(((5,6,7,8-TETRAHYDRO-2-NAPHTHALENYL)OXY)METHYL)-
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:973 mg/kg APFRAD 24,429,66

TY4226000 1,3-PROPANEDIOL, 2-(CHLOROMETHYL)-2-((m-TOLYLOXY)METHYL)-
UPDT:8305 MW: 244.74 MOLFM: C12-H17-Cl-O3
SYN: 2-(CHLOROMETHYL)-2-((m-TOLYLOXY)METHYL)-1,3-PROPANEDIOL * HC 1537
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:457 mg/kg APFRAD 24,429,66

TY4226010 1,3-PROPANEDIOL, 2-(CHLOROMETHYL)-2-((o-TOLYLOXY)METHYL)-
UPDT:8305 CAS: 7262-69-3 MW: 244.74 MOLFM: C12-H17-Cl-O3
SYN: 2-(CHLOROMETHYL)-2-((o-TOLYLOXY)METHYL)-1,3-PROPANEDIOL * HC 1510 * 1,3-PROPANEDIOL, 2-(CHLOROMETHYL)-2-((2-METHYLPHENOXY)METHYL)-
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:468 mg/kg APFRAD 24,429,66

TY4226020 1,3-PROPANEDIOL, 2-(CHLOROMETHYL)-2-((p-TOLYLOXY)METHYL)-
UPDT:8305 MW: 244.74 MOLFM: C12-H17-Cl-O3
SYN: 2-(CHLOROMETHYL)-2-((p-TOLYLOXY)METHYL)-1,3-PROPANEDIOL * HC 1538
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:740 mg/kg APFRAD 24,429,66

1,2-PROPANEDIOL, 3-(p-CHLOROPHENOXY)-, 1-CARBAMATE see: EZ2975000

TY4398510 1,3-PROPANEDIOL, 2-((p-CHLOROPHENOXY)METHYL)-2-(HYDROXYMETHYL)-
UPDT:8305 CAS: 834-55-9 MW: 246.71 MOLFM: C11-H15-Cl-O4
SYN: 2-((p-CHLOROPHENOXY)METHYL)-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL * HC 1514 * 1,3-PROPANEDIOL, 2-((4-CHLOROPHENOXY)METHYL)-2-(HYDROXYMETHYL)-
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg APFRAD 24,429,66

1,3-PROPANEDIOL, 2-((4-CHLOROPHENOXY)METHYL)-2-(HYDROXYMETHYL)- see: TY4398510

TY4399010 1,3-PROPANEDIOL, 2-((o-CHLOROPHENOXY)METHYL)-2-METHYL-
UPDT:8305 CAS: 3894-16-4 MW: 230.71 MOLFM: C11-H15-Cl-O3
SYN: 2-((o-CHLOROPHENOXY)METHYL)-2-METHYL-1,3-PROPANEDIOL * HC 1654
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:660 mg/kg APFRAD 24,429,66

TY4399020 1,3-PROPANEDIOL, 2-((p-CHLOROPHENOXY)METHYL)-2-METHYL-
UPDT:8305 CAS: 3840-34-4 MW: 230.71 MOLFM: C11-H15-Cl-O3
SYN: 2-((p-CHLOROPHENOXY)METHYL)-2-METHYL-1,3-PROPANEDIOL * HC 1655
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1050 mg/kg APFRAD 24,429,66

TY4960000 1,3-PROPANEDIOL, DIBENZOATE
UPDT:8408 MW: 284.33 MOLFM: C17-H16-O4
SYN: BENZOFLEX S-432 * BENZOIC ACID DIESTER with TRIMETHYLOLETHANE * TMETB * TRIMETHYLOLETHANE BENZOATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:24 gm/kg NPIRI* 2,108,75

TY4970000 1,2-PROPANEDIOL, 3-(DIBUTYLAMINO)-, 2-BENZOATE 1-PROPANOATE, HYDROCHLORIDE
UPDT:8408 CAS: 51734-78-2 MW: 400.01 MOLFM: C21-H33-N-O4 .Cl-H
SYN: 3-(DIBUTYLAMINO)-1,2-PROPANEDIOL 2-BENZOATE 1-PROPANOATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:200 mg/kg YKKZAJ 94,126,74

TY5250000 1,3-PROPANEDIOL, 2,2-DIETHYL-
UPDT:8407 CAS: 115-76-4 MW: 132.23 MOLFM: C7-H16-O2
SYN: 3,3-BIS(HYDROXYMETHYL)PENTANE * DEP * DI-AETHYL-PROPANEDIOL (German) * 2,2-DIETHYLPROPANEDIOL-1,3 * 2,2-DIETHYLPROPANE-1,3-DIOL * 2,2-DIETHYL-1,3-PROPANEDIOL * DIETILPROPANDIOLO * MC 1415 * PENDEROL * PRENDEROL * PRENDIOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 2/21/58
eye-rbt 20 mg open SEV AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
orl-rat LD50:850 mg/kg UCDS** 2/21/58
ipr-rat LD50:700 mg/kg 27ZQAG -,410,72
ivn-rat LD50:635 mg/kg 27ZQAG -,410,72
orl-mus LD50:1550 mg/kg 27ZQAG -,410,72
ipr-mus LD50:1220 mg/kg 27ZQAG -,410,72
ivn-mus LD50:1170 mg/kg 27ZQAG -,410,72
* skn-rbt LD50:4240 mg/kg AMIHBC 10,61,54

TY5400000 1,3-PROPANEDIOL, DIMETHANESULFONATE
UPDT:8406 CAS: 15886-84-7 MW: 232.29 MOLFM: C5-H12-O6-S2
SYN: CB 2040 * 1,3-DIMETHANESULFONOXYPROPANE * 1,3-DIMETHANESULPHONOXYPROPANE * ENT 51904 * ENT-59104 * PROPANE-1,3-DIMETHANESULFONATE * PROPYLENE DIMETHANESULFONATE * TRIMETHYLENE DIMETHANESULFONATE * TRIMETHYLENE DIMETHANESULPHONATE
MUTATION DATA AND REFERENCES:
sln-dmg-unk 10 mmol/L ANYAA9 160,228,69
cyt-oin-par 20 ug AESAAI 63,422,70
dlt-oin-par 20 ug MUREAV 7,63,69
dlt-oin-orl 1 pph AESAAI 62,790,69
dlt-oin-par 2000 ppm MUREAV 13,49,71
dlt-oin-skn 1 pph MUREAV 13,49,71
dlt-oin-orl 500 ppm MUREAV 13,49,71
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T53T91 ipr-rat TDLo:50 mg/kg (15D preg) JRPFA4 17,325,68
2T82T91 ipr-rat TDLo:50 mg/kg (15D preg) JRPFA4 18,15,69
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TY5775000 1,3-PROPANEDIOL, 2,2-DIMETHYL-
UPDT:8305 CAS: 126-30-7 MW: 104.17 MOLFM: C5-H12-O2
SYN: DIMETHYLOLPROPANE * 2,2-DIMETHYL-1,3-PROPANEDIOL * DIMETHYLTRIMETHYLENE GLYCOL * NEOL * NEOPENTYL GLYCOL * NEOPENTYLENE GLYCOL * NPG
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:3200 mg/kg KODAK* 21MAY71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1,3-PROPANEDIOL, 2,2-DIMETHYL-, DIACRYLATE see: AS8925000

TY6055000 1,2-PROPANEDIOL, 3-(4-(1,1-DIMETHYLETHYL)-2-(2-PROPENYL)PHENOXY)-
UPDT:8311 CAS: 55143-11-8 MW: 264.40 MOLFM: C16-H24-O3
SYN: 3-(4-(1,1-DIMETHYLETHYL)-2-(2-PROPENYL)PHENOXY)-1,2-PROPANEDIOL * R 1359
TOXICITY DATA AND REFERENCES:
3F05F17F25 orl-mus LDLo:1500 mg/kg EJMCA5 9,548,74

TY6300000 1,2-PROPANEDIOL, DINITRATE
UPDT:8209 CAS: 6423-43-4 MW: 166.11 MOLFM: C3-H6-N2-O6
SYN: PGDN * PROPYLENE DINITRATE * PROPYLENE GLYCOL 1,2-DINITRATE * 1,2-PROPYLENE GLYCOL DINITRATE
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MLD TXAPA9 22,128,72
TOXICITY DATA AND REFERENCES:
1F27 ihl-hmn TCLo:200 ppb/6H TXAPA9 30,377,74
1D25 ihl-hmn TCLo:1500 ppb/5M TXAPA9 30,377,74
3J25P24H02 orl-rat LD50:250 mg/kg AIHAAP 34,526,73
scu-rat LD50:463 mg/kg TXAPA9 15,175,69
3J25P24H02 ipr-rat LD50:479 mg/kg AIHAAP 34,526,73
scu-mus LD50:1208 mg/kg TXAPA9 15,175,69
3J25P24H02 ipr-mus LD50:1047 mg/kg AIHAAP 34,526,73
ivn-mky LDLo:410 mg/kg TXAPA9 22,128,72
scu-cat LDLo:200 mg/kg TXAPA9 15,175,69
1U01 ipr-gpg LD50:402 mg/kg AIHAAP 34,526,73
REVIEW AND REFERENCES:
★ TLV-TWA 50 ppb; STEL 100 ppb (skin) DTLWS* 4,350,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TY6304000 PROPANEDIOL, DINITRO-
UPDT:8308 MW: 166.11 MOLFM: C3-H6-N2-O6
SYN: DINITROPROPYLENE GLYCOL (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

TY6320000 1,3-PROPANEDIOL, DIPERCHLORATE
UPDT:8308 MW: 240.99 MOLFM: C3-H6-Cl2-O8
SYN: TRIMETHYLENE GLYCOL DIPERCHLORATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

TY6400000 1,2-PROPANEDIOL, 3-ETHOXY-
UPDT:8305 CAS: 1874-62-0 MW: 120.17 MOLFM: C5-H12-O3
SYN: 3-ETHOXY-1,2-PROPANEDIOL * alpha-ETHYL GLYCEROL ETHER * GLYCEROL alpha-ETHYL ETHER
IRRITATION DATA AND REFERENCES:
skn-rbt 530 mg/24H MLD AMIHBC 2,574,50
eye-rbt 106 mg AMIHBC 2,574,50
TOXICITY DATA AND REFERENCES:
3C08F05J25 orl-mus LD50:9350 mg/kg FEPRA7 8,477,49

TY6668000 1,3-PROPANEDIOL, 2-ETHYL-2-(HYDROXYMETHYL)-, METHACRYLATE ESTER (3:1)
UPDT:8308 MW: 338.44 MOLFM: C18-H26-O6
SYN: 2-ETHYL-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL METHACRYLATE ESTER (3:1) * METHACRYLIC ACID, 1,1,1-TRIHYDROXYMETHYL PROPANE TRIESTER
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5660 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:16 gm/kg TXAPA9 28,313,74

TY6670000 1,3-PROPANEDIOL, 2-ETHYL-2-(HYDROXYMETHYL)-, TRIACETOACETATE
UPDT:8311 CAS: 22208-25-9 MW: 386.44 MOLFM: C18-H26-O9
SYN: ACETOACETIC ACID, 1,1,1-TRIHYDROXY-METHYLPROPANE TRIESTER * 2-ETHYL-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL TRIACETOACETATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:34300 mg/kg TXAPA9 28,313,74

1,3-PROPANEDIOL, 2-ETHYL-2-(HYDROXYMETHYL)-, TRIACRYLATE see: AT4810000

TY6675000 1,3-PROPANEDIOL, 2-ETHYL-2-HYDROXYMETHYL-, TRIMETHACRYLATE
UPDT:8402 CAS: 3290-92-4 MW: 338.44 MOLFM: C18-H26-O6
SYN: TRIMETHYLOLPROPANE TRIMETHACRYLATE * TRIMETHYLOLPROPANE TRIMETHANCRYLATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2889 mg/kg JDREAF 51,526,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TY6676000 1,2-PROPANEDIOL, 3-((10-ETHYL-11-(p-HYDROXYPHENYL)DIBENZO(b,f)THIEPIN-3-YL)OXY)-
UPDT:8401 CAS: 85850-94-8 MW: 420.55 MOLFM: C25-H24-O4-S
SYN: 3-((10-ETHYL-11-(p-HYDROXYPHENYL)DIBENZO(b,f)THIEPIN-3-YL)OXY)-1,2-PROPANEDIOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:5 mg/kg (4D preg) JMCMAR 26,1131,83
1T13 orl-rat TDLo:15 mg/kg (3D pre) JMCMAR 26,1131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TY6677000 1,2-PROPANEDIOL, 3-((11-ETHYL-12-(p-HYDROXYPHENYL)-6H-DIBENZO(b,f)THIOCIN-3-YL)OXY)-, HEMIHYDRATE
UPDT:8401 CAS: 85864-54-6 MW: 443.55 MOLFM: C26-H26-O4-S 1/2H2-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:5 mg/kg (4D preg) JMCMAR 26,1131,83
1T13 orl-rat TDLo:15 mg/kg (3D pre) JMCMAR 26,1131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TY6678000 1,2-PROPANEDIOL, 3-((10-ETHYL-11-(p-HYDROXYPHENYL)DIBENZ(b,f)OXEPIN-3-YL)OXY)-, HYDRATE (4:1)
UPDT:8401 CAS: 85850-93-7 MW: 408.95 MOLFM: C25-H24-O5 .1/4H2-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:25 mg/kg (4D preg) JMCMAR 26,1131,83
1T13 orl-rat TDLo:30 mg/kg (3D pre) JMCMAR 26,1131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TY6679000 1,2-PROPANEDIOL, 3-((6-ETHYL-5-(p-HYDROXYPHENYL)-11,12-DIHYDRODIBENZO(a,e)CYCLOOCTEN-2-YL) OXY)-
UPDT:8401 CAS: 85850-95-9 MW: 416.55 MOLFM: C27-H28-O4
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-rat TDLo:30 mg/kg (3D pre) JMCMAR 26,1131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TY6744000 1,2-PROPANEDIOL, 3-((10-ETHYL-11-PHENYLDIBENZO(b,f)THIEPIN-3-YL)OXY)-, compd. with ISOPROPYL ALCOHOL (2:1)
UPDT:8401 CAS: 85850-90-4 MW: 434.57 MOLFM: C25-H24-O3-S .1/2C3-H8-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-rat TDLo:30 mg/kg (3D pre) JMCMAR 26,1131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TY6744200 1,2-PROPANEDIOL, 3-((11-ETHYL-12-PHENYL-6H-DIBENZO(b,f)THIOCIN-3-YL)OXY)-, HYDRATE (4:1)
UPDT:8401 CAS: 85850-92-6 MW: 423.05 MOLFM: C26-H26-O3-S .1/4H2-O
SYN: 3-((11-ETHYL-12-PHENYL-6H-DIBENZO(b,f)THIOCIN-3-YL)OXY)-1,2-PROPANEDIOL HYDRATE (4:1)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-rat TDLo:15 mg/kg (3D pre) JMCMAR 26,1131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TY6744400 1,2-PROPANEDIOL, 3-((10-ETHYL-11-PHENYLDIBENZ(b,f)OXEPIN-3-YL)OXY)-
UPDT:8401 CAS: 85850-89-1 MW: 388.49 MOLFM: C25-H24-O4
SYN: 3-(2,3-DIHYDROXYPROPOXY)-10-ETHYL-11-PHENYLDIBENZO(b,f)OXEPIN * 3-((10-ETHYL-11-PHENYLDIBENZ(b,f)OXEPIN-3-YL)OXY)-1,2-PROPANEDIOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:10 mg/kg (4D preg) JMCMAR 26,1131,83
1T13 orl-rat TDLo:30 mg/kg (3D pre) JMCMAR 26,1131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TY6744600 1,2-PROPANEDIOL, 3-((6-ETHYL-5-PHENYL-11,12-DIHYDRODIBENZO(a,e)CYCLOOCTEN-2-YL)OXY)-
UPDT:8401 CAS: 85850-91-5 MW: 400.55 MOLFM: C27-H28-O3
SYN: 3-((6-ETHYL-5-PHENYL-11,12-DIHYDRODIBENZO(a,e)CYCLOOCTEN-2-YL)OXY)-1,2-PROPANEDIOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-rat TDLo:30 mg/kg (3D pre) JMCMAR 26,1131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TY6817500 1,2-PROPANEDIOL, 3-((2-HYDROXYETHYL)NITROSAMINO)-
UPDT:8408 MW: 164.19 MOLFM: C5-H12-N2-O4
SYN: 3-((2-HYDROXYETHYL)NITROSAMINO)-1,2-PROPANEDIOL * DPEA * N-NITROSODIHYDROXYPROPYLETHANOLAMINE * N-NITROSO-N-(2,3-DIHYDROXYPROPYL)-N-(2-HYDROXYETHYL)AMINE * N-NITROSO-2,3-DIHYDROXYPROPYL-2-HYDROXYETHYLAMINE
MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/plate MUREAV 111,135,83
mma-sat 50 ug/plate MUREAV 111,135,83
TUMORIGENIC DATA AND REFERENCES:
3V03K60L60 orl-rat TDLo:2750 mg/kg/2Y-C CRNGDP 5,167,84
3V03K60L60 orl-rat TD :5500 mg/kg/1Y-C CRNGDP 5,167,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TY7100000 1,3-PROPANEDIOL, 2-HYDROXYMETHYL-2-(o-METHOXYPHENOXYMETHYL)-
UPDT:8307 CAS: 7271-80-9 MW: 242.30 MOLFM: C12-H18-O5
SYN: HC 1505 * 2-HYDROXYMETHYL-2-(o-METHOXYPHENOXYMETHYL)-1,3-PROPANEDIOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:640 mg/kg APFRAD 24,429,66
ivn-mus LD50:610 mg/kg COREAF 248,3642,59

TY7270000 1,3-PROPANEDIOL, 2-(HYDROXYMETHYL)-2-METHYL-, TRINITRATE (ester)
UPDT:8308 MW: 255.17 MOLFM: C5-H9-N3-O9
SYN: METHYL TRIMETHYLOL METHANE TRINITRATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

TY7527000 1,3-PROPANEDIOL, 2-(HYDROXYMETHYL)-2-NITRO-, TRINITRATE (ester)
UPDT:8401 CAS: 20820-44-4 MW: 286.14 MOLFM: C4-H6-N4-O11
SYN: NITROISOBUTANETRIOL TRINITRATE (DOT) * NITROISOBUTYL GLYCERYL TRINITRATE * NITROISOBUTYL GLYCOL TRINITRATE
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TY7640000 1,3-PROPANEDIOL, 2-(HYDROXYMETHYL)-2-PROPYL-, CYCLIC ESTER with ANTIMONIC ACID
UPDT:8108 MW: 266.95 MOLFM: C7-H13-O3-Sb
SYN: 2,6,7-TRIOXA-1-STIBABICYCLO(2.2.2)OCTANE, 4-PROPYL
TOXICITY DATA AND REFERENCES:
3F12F17F19 ipr-mus LD50:250 mg/kg TXAPA9 36,261,76
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**

TY7750000 1,3-PROPANEDIOL, 2-(HYDROXYMETHYL)-2-PROPYL-, CYCLIC PHOSPHITE (1:1)
UPDT:8407 CAS: 18644-16-1 MW: 176.17 MOLFM: C7-H13-O3-P
SYN: 4-n-PROPYL-2,6,7-TRIOXA-1-PHOSPHABICYCLO(2.2.2)OCTANE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:390 ug/kg SCIEAS 182,1135,73

TY7752000 1,3-PROPANEDIOL, 2-(HYDROXYMETHYL)-2-(N,2,4,6-TETRANITROANILINO)-, TRINITRATE (ester)
UPDT:8308 MW: 512.26 MOLFM: C10-H8-N8-O17
SYN: 2,4,6-TRINITROPHENYL TRIMETHYLOL METHYL NITRAMINE TRINITRATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

TY7766480 1,2-PROPANEDIOL, 3-((2-HYDROXYPROPYL)NITROSAMINO)-
UPDT:8408 MW: 178.22 MOLFM: C6-H14-N2-O4
SYN: 3-((2-HYDROXYPROPYL)NITROSAMINO)-1,2-PROPANEDIOL * N-NITROSO-2,3-DIHYDROXYPROPYL-2-HYDROXYPROPYLAMINE * NITROSOTRIHYDROXY-DIPROPYLAMINE * NTPA
TUMORIGENIC DATA AND REFERENCES:
2V01K60 orl-rat TDLo:280 mg/kg/37W-C CRNGDP 5,167,84
2V01K60 orl-rat TD :720 mg/kg/24W-C CRNGDP 5,167,84
2V03K60 orl-rat TD :3150 mg/kg/26W-C CRNGDP 5,167,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TY7900000 1,2-PROPANEDIOL, 3-ISOPROPOXY-
UPDT:8305 CAS: 17226-43-6 MW: 134.20 MOLFM: C6-H14-O3
SYN: GLYCEROL alpha-ISOPROPYL ETHER * 3-ISOPROPOXY-1,2-PROPANEDIOL * alpha-ISOPROPYL GLYCEROL ETHER
IRRITATION DATA AND REFERENCES:
skn-rbt 510 mg/24H MLD AMIHBC 2,574,50
eye-rbt 102 mg AMIHBC 2,574,50
TOXICITY DATA AND REFERENCES:
3C08F05J25 orl-mus LD50:8200 mg/kg FEPRA7 8,477,49
* ihl-mus LCLo:201 mg/m3 AMIHBC 2,574,50

TY8400000 1,2-PROPANEDIOL, 3-(o-METHOXYPHENOXY)-
UPDT:8406 CAS: 93-14-1 MW: 198.24 MOLFM: C10-H14-O4
SYN: ARESOL * CORTUSSIN * CRESON * 1,2-DIHYDROXY-3-(2-METHOXYPHENOXY)PROPANE * DILYN * 2-G * G 87 * GAIAMAR * GGE * GGG * GLYCERIN GUAIACOLATE * GLYCERINMONOGUAIACOL ETHER * GLYCEROL GUAIACOLATE * GLYCEROL alpha-(o-METHOXYPHENYL)ETHER * GLYCEROL-alpha-MONOGUAIACOL ETHER * GLYCEROL MONO(2-METHOXYPHENYL)ETHER * GLYCERYL GUAIACOLATE * alpha-GLYCERYL GUAIACOLATE ETHER * GLYCERYL GUAIACYL ETHER * GLYCOTUSS * GUAJACOL-GLYCERINAETHER (German) * GUAIACOLGLICERINETERE * GUAIACOL GLYCERYL ETHER * GUAIACURANE * GUAIACYL GLYCERYL ETHER * GUAIAMAR * GUAIANESIN * GUAIFENESIN * GUAIPHENESINE * GUAIPHESIN * GUAJACOL-alpha-GLYCERINETHER * GUAJACURAN * GUAJAMAR * GUANAR * GUAYANESIN * GUIAPHENESIN * HUSTODIL * HUSTOSIL * METFENOSSIDIOLO * METHOXYPROPANEDIOL * 3-o-METHOXYPHENOXYPROPANE 1,2-DIOL * 3-(o-METHOXYPHENOXY)-1,2-PROPANEDIOL * o-METHOXYPHENYL GLYCERYL ETHER * METHPHENOXYDIOL * METOSSIPROPANDIOLO * MIOCURIN * MIORELAX * MUCOSTOP * MY 301 * MYOCAINE * MYORELAX * MYOSCAINE * NEUROTONE * ORESOL * ORESON * 1,2-PROPANEDIOL, 3-(2-METHOXYPHENOXY)- * PROPANOSEDYL * REDUTON * RELAXYL-G * REORGANIN * RESIL * RESPENYL * RESPIL * RESYL * RITUSSIN * ROBITUSSIN * SIROTOL * SL 90 * TOLSERON * TOLYN * TULYL * XL-90
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5500 mg/kg NIIRDN 6,210,82
1F05 ipr-rat LD50:1000 mg/kg AIPTAK 191,147,71
* scu-rat LD50:2550 mg/kg NIIRDN 6,210,82
orl-mus LD50:690 mg/kg 27ZQAG -,398,72
ipr-mus LD50:495 mg/kg 27ZQAG -,398,72
1E15 scu-mus LD50:800 mg/kg ARZNAD 15,1355,65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1,2-PROPANEDIOL, 3-(2-METHOXYPHENOXY)- see: TY8400000

TY8760010 1,2-PROPANEDIOL, 3-(o-METHOXYPHENOXY)-2-METHYL-
UPDT:8305 CAS: 64049-42-9 MW: 212.27 MOLFM: C11-H16-O4
SYN: 3-(o-METHOXYPHENOXY)-2-METHYL-1,2-PROPANEDIOL
TOXICITY DATA AND REFERENCES:
scu-mus LD50:1230 mg/kg JPETAB 93,470,48

TY8760020 1,2-PROPANEDIOL, 3-(p-METHOXYPHENOXY)-2-METHYL-
UPDT:8305 CAS: 64049-43-0 MW: 212.27 MOLFM: C11-H16-O4
SYN: 3-(p-METHOXYPHENOXY)-2-METHYL-1,2-PROPANEDIOL
TOXICITY DATA AND REFERENCES:
scu-mus LD50:1950 mg/kg JPETAB 93,470,48

TY8762000 1,3-PROPANEDIOL, 2-((o-METHOXYPHENOXY)METHYL)-2-METHYL-
UPDT:8305 MW: 226.30 MOLFM: C12-H18-O4
SYN: HC 1656 * 2-((o-METHOXYPHENOXY)METHYL)-2-METHYL-1,3-PROPANEDIOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:790 mg/kg APFRAD 24,429,66

TY8765000 1,2-PROPANEDIOL, 3-(o-METHOXYPHENOXY)-, mixed with 3-(o-TOLYLOXY)-1,2-PROPANEDIOL (2:1)
UPDT:8308 MW: 562.72 MOLFM: C10-H14-O4 .2C10-H14-O3
SYN: COANESIN * 3-(o-METHOXYPHENOXY)-1,2-PROPANEDIOL mixed with 3-(o-TOLYLOXY)-1,2-PROPANEDIOL (2:1) * 3-(o-TOLYLOXY)-1,2-PROPANEDIOL mixed with 3-(o-METHOXYPHENOXY)-1,2-PROPANEDIOL (1:2)
TOXICITY DATA AND REFERENCES:
3F12F17J30 ivn-mus LD50:290 mg/kg AIPTAK 94,35,53
3F12F17J30 ipr-gpg LD50:715 mg/kg AIPTAK 94,35,53

TY8782000 1,2-PROPANEDIOL, 3-(p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)-
UPDT:8302 MW: 402.52 MOLFM: C26-H26-O4
SYN: 1-(p-(2,3-DIHYDROXYPROPOXY)PHENYL)-2-PHENYL-6-METHOXY-3,4-DIHYDRONAPHTHALENE * 3-(p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)-1,2-PROPANEDIOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:1750 ug/kg (1D pre/1-6D preg) JMCMAR 9,172,66
1T13 orl-rat TDLo:700 ug/kg (7D pre) JMCMAR 9,172,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TY8900000 1,3-PROPANEDIOL, 2-METHYL-2-((2-NAPHTHYLOXY)METHYL)-
UPDT:8305 CAS: 3894-18-6 MW: 246.33 MOLFM: C15-H18-O3
SYN: HC 1657 * 2-METHYL-2-((2-NAPHTHYLOXY)METHYL)-1,3-PROPANEDIOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1230 mg/kg APFRAD 24,429,66

TY8940000 1,2-PROPANEDIOL, 3-(2-METHYL-5-NITRO-1H-IMIDAZOL-1-YL)-
UPDT:8406 CAS: 62580-80-7 MW: 201.21 MOLFM: C7-H11-N3-O4
SYN: DA 3838 * 3-(2-METHYL-5-NITRO-1H-IMIDAZOL-1-YL)-1,2-PROPANEDIOL * Ro 11-2616
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/L TCMUD8 3,429,83

TY9020000 1,2-PROPANEDIOL, 3-(METHYLNITROSAMINO)-
UPDT:8411 MW: 134.16 MOLFM: C4-H10-N2-O3
SYN: 3-(METHYLNITROSAMINO)-1,2-PROPANEDIOL * N-NITROSOMETHYL(2,3-DIHYDROXYPROPYL)AMINE
TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 orl-rat TDLo:580 mg/kg/40W-I CALEDQ 22,83,84

3V03D09K60 orl-rat TD :2300 mg/kg/40W-I JJIND8 70,959,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,3-PROPANEDIOL, 2-METHYL-2-PROPYL-, CARBAMATE ISOPROPYLCARBAMATE (ester) see: FB3325000

TZ0175000 1,3-PROPANEDIOL, 2-METHYL-2-PROPYL-, DICARBAMATE

UPDT 8412 CAS: 57-53-4 MW: 218.29 MOLFM: C9-H18-N2-O4

SYN: AMEPROMAT * AMOSENE * ANASTRESS * ANATHYLMON * ANDAKSIN * ANDAXIN * ANEURAL * ANEUROL * ANFUSRAL * ANEUXAL * ANEUXRAL * ANSIATAN * ANSIETAN * ANSIL * ANSIOWAS * ANURAL * ANXIETIL * APASCIL * APASIL * APPETROL SR * ARCOBAN * ARPON * ARTOLON * ATARAXINE * ATRAXIN * AUXIETIL * AVERMATE * BAMD 400 * BAMO 400 * BIOBAMAT * BROBAMATE * CALMADIN * CALMAX * CALMIREN * CANQUIL-400 * CAP-O-TRAN * CARBAMIC ACID, 2-METHYL-2-PROPYLTRIMETHYLENE ESTER * CIRPON * CIRPONYL * CRESTANIL * CYPRON * CYRPON * DAPAZ * DICANDIOL * 2,2-DI(CARBAMOYLOXYMETHYL)PENTANE * DIURNAL * DIVERON * DORMABROL * ECUANIL * EDENAL * ENORDEN * EPICUR * EPIKUR * EQUANIL * EQUANIL SUSPENSION * EQUATRATE * EQUILIUM * EQUINIL * EQUITAR * ERINA * ESTASIL * FAS-CILE * GADEXYL * GAGEXYL * HARMONIN * HARTOL * HOLBAMATE * IPSOTIAN * KESSOBAMATE * KLORT * LARTEN * LEPENIL * LEPETOWN * LETYL * LIBIOLAN * MADIOL * MAR-BATE * MARGONIL * MENDEL * MEPAMTIN * MEPANTIN * MEPAVLON * MEPIOSINE * MEPOSED * MEPRANIL * MEPRIN * MEPRINDON * MEPROBAM * MEPROBAMAT (German) * MEPROBAMATE * MEPROBAMATO (Italian) * MEPROBAN * MEPROCOMPREN * MEPROCON CMC * MEPRODIL * MEPRODIOL * MEPROL * MEPROLEAF * MEPRON * MEPROSA * MEPROSAN * MEPROSIN * MEPROSPAN * MEPROTABS * MEPROTAN * MEPROVAN * MEPROZINE * MEPTRAN * MESMAR * 2-METHYL-2-N-PROPYL-1,3-PROPANEDIOL DICARBAMATE * 2-METHYL-2-PROPYLTRIMETHYLENE CARBAMATE * METRACTYL * MILPREM * MILTAMATO * MILTANN * MILTAUN * MILTOWN * MILTUAN * MILTWON * MORBAM * MULTAUN * NEO-TRAN * NEPHENTINE * NERVONUS * OASIL * OPTARKET * ORLEVOL * OROLEVOL * PANCALMA * PANEDIOL * PANKALMA * PAN-TRANQUIL * PAXIN * 3P BAMATE * PENSIVE * PEREQUIETIL * PEREQUIL * PERQUIETIL * PERTRANQUIL * PIMAL * PLACIDON * PLACITATE * PREQUIL * PROBAMATO * PROBAMYL * PROCALMADIOL * PROCALMALOL * PROCALMIDOL * PROCARBAMIDE * PROMATE * PROMATO * PROQUANIL * PROTRAN * QUANAME * QUANANE * QUANIL * QUIETIDON * QUIVET * REOSTRAL * RESTENIL * RESTENYL * RESTINAL * RESTINIL * ROBAMATE * SADANYL * SCOLAZIL * SEDABAMATE * SEDANYL * SEDAZIL * SEDOQUIL * SEDOSELECTA * SELENE * SERIL * SETRAN * SHALVATON * SK-BAMATE * SOLEVIONE ANASTRESS * SOWELL * SPANTRAN * STENSOLO * TAMATE * TENSOL * TENSONAL * TRANKVILAN * TRANLISANT * TRANMEP * TRANQUIL * TRANQUILAN * TRANQUILATE * TRANQUILAX * TRANQUILINE * TRANQUILSAN * TRANQUINOL * TRANQUISAN * TRELMAR * URBIL * URBILAT * VIO-BAMATE * VISTABAMATE * WARDAMATE * WYSEALS * ZIRPON

MUTATION DATA AND REFERENCES:

cyt-mus-orl 26667 ug/kg PISCAD 59(Pt. 3),547,72

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T75 orl-rat TDLo:5500 mg/kg (1-22D preg) CRSBAW 154,2309,60

1T85 orl-rat TDLo:5160 mg/kg (1-22D preg/21D post) PSYPAG 41,113,75

1T87 orl-rat TDLo:6400 mg/kg (1-22D preg/28D post) NATUAS 202,832,64

1T85 scu-rat TDLo:240 mg/kg (11-14D preg) EXNEAC 6,263,62

1T81 scu-rat TDLo:240 mg/kg (17-20D preg) NATUAS 215,182,67

2T17T76 scu-rat TDLo:240 mg/kg (17-20D preg) JNEUAY 4,87,62

2T76T81 scu-rat TDLo:240 mg/kg (5-8D preg) JNEUAY 4,87,62

1T29 ims-rat TDLo:300 mg/kg (1D pre) CAANAT 52,148,67

1T35 scu-mus TDLo:500 mg/kg (10D preg) KAIZAN 38,258,63

1T46 scu-mus TDLo:750 mg/kg (10D preg) KAIZAN 38,258,63

1T29 scu-mus TDLo:600 mg/kg (3D pre) TJADAB 7,17,73

1T29 unk-mus TDLo:12 mg/kg (1D pre) FESTAS 12,346,61

1T26 orl-rbt TDLo:1500 mg/kg (10-14D preg) CRSBAW 157,1481,63

1T26 scu-rbt TDLo:1500 mg/kg (10-14D preg) CRSBAW 157,1481,63

TOXICITY DATA AND REFERENCES:

3F24H02J24 orl-hmn TDLo:280 mg/kg OSMJAT 52,1304,56

3J22K13R01 orl-man TDLo:5700 ug/kg JIMSAX 41,119,57

unk-hmn LDLo:240 mg/kg 32ZWAA 8,298,74

unk-man LDLo:441 mg/kg 85DCAI 2,73,70

orl-rat LD50:1000 mg/kg 29QHAQ -,232,74

ipr-rat LD50:410 mg/kg JPETAB 129,75,60

ivn-rat LD50:350 mg/kg PMARAU 44,915,57

orl-mus LD50:750 mg/kg JMCMAR 15,998,72

ipr-mus LD50:443 mg/kg TXAPA9 1,150,59

scu-mus LD50:550 mg/kg 27ZQAG -,416,72

* ivn-mus LD50:230 mg/kg EJMCA5 12,447,77

ivn-rbt LD50:260 mg/kg IJNEAQ 5,305,66

* scu-gpg LD50:380 mg/kg AIPTAK 137,375,62

orl-ham LD50:1410 mg/kg JPETAB 129,75,60

ipr-ham LD50:625 mg/kg JPETAB 129,75,60

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CLCHAU 19,361,73; ADVPA3 4,263,66

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TZ0576000 1,2-PROPANEDIOL, 3-((6-METHYL-5H-PYRIDO(3′,4′:4,5)PYRROLO(2,3-g)ISOQUINOLIN-10-YL)AMINO)-

UPDT 8308 CAS: 83948-01-0 MW: 322.40 MOLFM: C18-H18-N4-O2

SYN: 3-((6-METHYL-5H-PYRIDO(3′,4′:4,5)PYRROLO(2,3-g)ISOQUINOLIN-10-YL)AMINO)-1,2-PROPANEDIOL * 5H-PYRIDO(3′,4′:4,5)PYRROLO(2,3-g)ISOQUINOLINE, 1,2-PROPANEDIOL deriv

TOXICITY DATA AND REFERENCES:

1V30 ipr-mus LDLo:60 mg/kg JMCMAR 26,181,83

TZ0577000 1,3-PROPANEDIOL, 2-METHYL-2-(((5,6,7,8-TETRAHYDRO-2-NAPHTHYL)OXY)METHYL)-

UPDT 8305 MW: 250.37 MOLFM: C15-H22-O3

SYN: HC 1658 * 2-METHYL-2-(((5,6,7,8-TETRAHYDRO-2-NAPHTHYL)OXY)METHYL)-1,3-PROPANEDIOL

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:865 mg/kg APFRAD 24,429,66

TZ0622000 1,3-PROPANEDIOL, 2-METHYL-2-((m-TOLYLOXY)METHYL)-

UPDT 8305 CAS: 3753-51-3 MW: 210.30 MOLFM: C12-H18-O3

SYN: HC 1653 * 2-METHYL-2-((m-TOLYLOXY)METHYL)-1,3-PROPANEDIOL

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:615 mg/kg APFRAD 24,429,66

TZ0622010 1,3-PROPANEDIOL, 2-METHYL-2-((o-TOLYLOXY)METHYL)-

UPDT 8305 MW: 210.30 MOLFM: C12-H18-O3

SYN: HC 1651 * 2-METHYL-2-((o-TOLYLOXY)METHYL)-1,3-PROPANEDIOL

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:405 mg/kg APFRAD 24,429,66

TZ0622020 1,3-PROPANEDIOL, 2-METHYL-2-((p-TOLYLOXY)METHYL)-

UPDT 8305 CAS: 4508-11-6 MW: 210.30 MOLFM: C12-H18-O3

SYN: HC 1652 * 2-METHYL-2-((p-TOLYLOXY)METHYL)-1,3-PROPANEDIOL

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:850 mg/kg APFRAD 24,429,66

1,2-PROPANEDIOL, MONOSTEARATE see: WI4550000

TZ0818000 1,2-PROPANEDIOL, 3-(2-NITROIMIDAZOL-1-YL)-

UPDT 8408 MW: 187.18 MOLFM: C6-H9-N3-O4

SYN: 3-(2-NITROIMIDAZOL-1-YL)-1,2-PROPANEDIOL

MUTATION DATA AND REFERENCES:

mmo-klp 20 umol/L/20H MUREAV 66,207,79

otr-mus:emb 1 mmol/L/3D-C 45OJAG -,146,80

TZ0960000 1,2-PROPANEDIOL, 3-(OCTADECYLOXY)-

UPDT 8403 CAS: 544-62-7 MW: 344.65 MOLFM: C21-H44-O3

SYN: BATILOL * BATYL ALCOHOL * GLYCEROL MONOOCTADECYL ETHER * MONOOCTADECYL ETHER of GLYCEROL * alpha-OCTADECYLETHER of GLYCEROL * 1-O-OCTADECYLGLYCEROL * 3-(OCTADECYLOXY)-1,2-PROPANEDIOL

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:750 mg/kg NTIS** AD691-490

TZ0964000 1,2-PROPANEDIOL, 3,3′-OXYDI-, TETRANITRATE

UPDT 8308 CAS: 20600-96-8 MW: 346.20 MOLFM: C6-H10-N4-O13

SYN: DIGLYCEROL TETRANITRATE * TETRANITRO DIGLYCERIN (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

TZ1050000 1,2-PROPANEDIOL, 3-PHENOXY-

UPDT 8403 CAS: 538-43-2 MW: 168.21 MOLFM: C9-H12-O3

SYN: ANTODYNE * GLYCEROL alpha-MONOPHENYL ETHER * PHENOL-GLYCERINAETHER (German) * PHENOL GLYCEROL ETHER * PHENOL GLYCERYL ETHER * 3-PHENOXY-1,2-PROPANEDIOL * PHENYL alpha-GLYCEROL ETHER * PHENYLGLYCERYL ETHER * U 27,462

IRRITATION DATA AND REFERENCES:

eye-rbt 115 mg AMIHBC 2,574,50

TOXICITY DATA AND REFERENCES:

3C08F05J25 orl-mus LD50:2650 mg/kg FEPRA7 8,477,49

ipr-mus LD50:1240 mg/kg JPETAB 93,470,48

1E15 scu-mus LD50:920 mg/kg ARZNAD 15,1355,65

1,2-PROPANEDIOL, 3-PIPERIDINO-, 1-m-BUTOXYCARBANILATE, HYDROCHLORIDE see: FD7641400

1,2-PROPANEDIOL, 3-PIPERIDINO-, 1-o-BUTOXYCARBANILATE, HYDROCHLORIDE see: FD7641300

1,2-PROPANEDIOL, 3-PIPERIDINO-, 1-p-BUTOXYCARBANILATE, HYDROCHLORIDE see: FD7641500

TZ1090000 1,2-PROPANEDIOL, 3-PIPERIDINO-, 1-CARBANILATE, HYDROCHLORIDE

UPDT 8406 MW: 314.85 MOLFM: C15-H22-N2-O3 Cl-H

SYN: 3-PIPERIDINO-1,2-PROPANEDIOL 1-CARBANILATE HYDROCHLORIDE * alpha,beta-PIPERIDINOPROPANEDIOL, alpha-PHENYLCARBAMATE, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LD50:790 mg/kg JAPMA8 48,398,59

TZ1101000 1,2-PROPANEDIOL, 3-PIPERIDINO-, DICARBANILATE, HYDROCHLORIDE

UPDT 8406 CAS: 537-12-2 MW: 433.98 MOLFM: C22-H27-N3-O4 Cl-H

SYN: DIOTHANE HYDROCHLORIDE * DIPERDON HYDROCHLORIDE * DIPERODON HYDROCHLORIDE * 3-PIPERIDINO-1,2-PROPANEDIOL DICARBANILATE HYDROCHLORIDE * 3-(1-PIPERIDYL)-1,2-PROPANEDIOL DICARBANILATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LD50:890 mg/kg JAPMA8 48,398,59

2F12J30 scu-rbt LDLo:300 mg/kg JPETAB 47,255,33

3D35F01F12 ivn-rbt LDLo:15 mg/kg JPETAB 47,255,33

2F12J30 scu-gpg LDLo:400 mg/kg JPETAB 47,255,33

1,2-PROPANEDIOL, 3-PIPERIDINO-, 1-o-ETHOXYCARBANILATE, HYDROCHLORIDE see: FD8892800

1,2-PROPANEDIOL, 3-PIPERIDINO-, 1-o-METHOXYCARBANILATE, HYDROCHLORIDE see: FD9300300

TZ1225000 1,2-PROPANEDIOL, 3-(o-TOLYLOXY)-

UPDT 8408 CAS: 59-47-2 MW: 182.24 MOLFM: C10-H14-O3

SYN: A 1141 * AGEFLEX CGE * ANATENSIN * ANXINE * ATENSIN * AVESYL * AVOSYL * AVOXIL * AVOXYL * BDH 312 * BYK M 1 * CRESODIOL * o-CRESOL GLYCERYL ETHER * CRESOSSIDIOLO * CRESOSSIPROPANDIOLO * CRESOXYDIOL * CRESOXYPROPANEDIOL * o-CRESYL alpha-GLYCERYL ETHER * CURARIL * CURARYTHAN * CURYTHAN * DASERD * DASEROL * DECONTRACTIL * DECONTRACTYL * alpha,beta-DIHYDROXY-gamma-(2-METHYLPHENOXY)PROPANE * 1,2-DIHYDROXY-3-(2-METHYLPHENOXY)PROPANE * DILOXOL * DIOLOXAL * DIOLOXOL * FINDOLAR * FINDOLOR * GLUKRESIN * GLYCERYL o-TOLYL ETHER * GLYKRESIN * GLYOTOL * GLYTOL * KINAVOSYL * o-KRESOL-GLYCERINAETHER (German) * KRESOXYPROPANDIOL * LISSENPHAN * LISSEPHEN * MC 2303 * MEFENESINA * MEFENSINA * MEMPHENESIN * MEPHATE * MEPHEDAN * MEPHELOR * MEPHENESIN * MEPHENESINE * MEPHENSIN * MEPHEROL * MEPHESIN * MEPHIN * MEPHOSAL * MEPHSON * 3-(2-METHYLPHENOXY)-1,2-PROPANEDIOL * MIANESINA * MIOLISINA * MOCTYNOL * MYANESIN * MYANIL * MYANOL * MYASIN * MYASTENIN * MYCOCURAN * MYOCURAN * MYODETENSINE * MYOLAX * MYOLYSIN * MYOPAN * MYOPEN * MYOPNA * MYOSERA * MYOSEROL * MYOTEN * MYOXANE * MYOXYL * NEMBUSEN * NEPHELOR * NOCTYNOL * ORANIXON * ORTOL * PROLAX * PROLAXIN * PROLOXIN * RELAXANT * RELAXAR * RELAXIL * RELAXYL * RENARCOL * REX REGULANS * RHEX 'HOBEINO' * RHEX REGULANS * RP 3602 * SANSDOLOR * SASEROL * SECONESINZ * SINAN * SPARTOLOXIN * SPARTOLOXYN * SPASMOLYN * SQ 1156 * STILALGIN * TEMIAN * THIOXIDIL * THOXIDIL * TOKEROL * TOLANSIN * TOLAX * TOLBART * TOLCIL * TOLHART * TOLOFREN * TOLOSATE * TOLOXYN * TOLSEROL * TOLSERON * TOLSIL * TOLSIN * TOLULEXIN * TOLULOX * TOLYDRIN * 3-o-TOLOXY-1,2-PROPANEDIOL, alpha-(o-TOLYL)GLYCERYL ETHER * 1-ORTHO-TOLYLGLYCEROL ETHER * 3-(o-TOLYLOXY)PROPANE-1,2-DIOL * TOLYNOL * TOLYSPAZ * TORULOX * WALKO-NESIN * XERAL

TOXICITY DATA AND REFERENCES:

3F07F25J30 orl-rat LD50:625 mg/kg AIPTAK 130,280,61

ipr-rat LD50:283 mg/kg JPETAB 129,75,60

ivn-rat LD50:195 mg/kg PAREAQ 1,243,49

orl-mus LD50:720 mg/kg ARZNAD 17,242,67

1E15 ipr-mus LD50:470 mg/kg AIPTAK 155,69,65

1F02 scu-mus LD50:285 mg/kg APTOA6 19,247,62

ivn-mus LD50:175 mg/kg COREAF 248,3642,59

ivn-rbt LD50:125 mg/kg IJNEAQ 5,305,66

orl-ham LD50:821 mg/kg JPETAB 129,75,60

ipr-ham LD50:322 mg/kg JPETAB 129,75,60

1,2-PROPANEDIOL, 3-(o-TOLYLOXY)-, 1-CARBAMATE see: FB2710000

PROPANEDIONE see: UZ0700000

TZ2575000 1,3-PROPANEDISULFONIC ACID, 1-PHENYL-3-(p-2-PYRIDYLSULFAMOYLANILINO)-, DISODIUM SALT

UPDT 8403 CAS: 53778-51-1 MW: 571.58 MOLFM: C20-H19-N3-O8-S3 2Na

SYN: DISODIUM CINNAMYLIDENE BISULFITE deriv. of SULFAPYRIDINE * DISODIUM 2-(p-(gamma-PHENYLPROPYLAMINO)BENZENESULFONAMIDO)PYRIDINE * 1-PHENYL-3-(p-2-PYRIDYLSULFAMOYLANILINO)-1,3-PROPANEDISULFONIC ACID DISODIUM SALT * SOLUPYRIDINE * SULFAPYRIDINE NEUTRAL SOLUBLE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:7500 mg/kg MEIEDD 10,1245,83

* scu-mus LD50:2680 mg/kg MEIEDD 10,1245,83

* ivn-mus LD50:1280 mg/kg MEIEDD 10,1245,83

PROPANE (DOT) see: TX2275000

PROPANE, EPOXY- see: TZ2975000

TZ2975000 PROPANE, 1,2-EPOXY-

UPDT 8412 CAS: 75-56-9 MW: 58.09 MOLFM: C3-H6-O

SYN: EPOXYPROPANE * 1,2-EPOXYPROPANE * ETHYLENE OXIDE, METHYL- * METHYL ETHYLENE OXIDE * METHYL OXIRANE * NCI-C50099 * OXIRANE, METHYL- * OXYDE DE PROPYLENE (French) * PROPANE, EPOXY- * PROPENE OXIDE * PROPYLENE OXIDE * 1,2-PROPYLENE OXIDE * PROPYLENE OXIDE (DOT) * UN 1280 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt 415 mg open MOD UCDS** 12/13/63

skn-rbt 50 mg/6M SEV AMIHAB 13,228,56

eye-rbt 5 mg SEV AJOPAA 29,1363,46

MUTATION DATA AND REFERENCES:

mmo-sat 350 ug/plate ABCHA6 47,2461,83

mma-sat 700 ug/plate MUREAV 67,101,79

mmo-esc 700 ug/plate MUREAV 67,101,79

mma-esc 700 ug/plate MUREAV 67,101,79

dnd-esc 1 umol/L ARTODN 46,277,80

mmo-klp 500 umol/L MUREAV 89,269,81

mmo-omi 25 mmol/L MUREAV 73,1,80

sln-dmg-ihl 645 ppm/24H-C MUREAV 117,337,83

mmo-nsc 500 mmol/L GENTAE 40,890,55

mmo-ssp 183 mmol/L ADWMAX -,193,62

dnd-sal:spr 5 mL — ABBIA4 97,80,62
dnd-ofs:tes 5 gm — ABBIA4 97,80,62
cyt-hmn:leu 1850 ug/L/1H — MUREAV 67,101,79
dnd-rat:lvr 30 umol/L — SinJF# 26OCT82
dlt-rat-ihl 300 ppm/5D-I — MUREAV 117,337,83
mnt-mus-ipr 600 mg/kg/24H — MUREAV 67,101,79
dnd-mam:lym 75 mmol/L — CBINA8 9,97,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 ihl-rat TCLo:500 ppm/7H (7-16D preg) — NTIS** PB83-258038
1T43 ihl-rat TCLo:500 ppm/7H (1-16D preg) — NTIS** PB83-258038

TUMORIGENIC DATA AND REFERENCES:
2V01K60 orl-rat TDLo:10798 mg/kg/2Y-I — BJCAAI 46,924,82
2V03V16 scu-rat TDLo:1500 mg/kg/46W-I — ANYAA9 68,750,58
3V01P62V10 scu-mus TDLo:272 mg/kg/95W-I — ZHPMAT 174,383,81
3V02P62V10 scu-mus TD :3640 mg/kg/91W-I — BJCAAI 39,588,79
3V01P62V10 scu-mus TD :868 mg/kg/95W-I — ZHPMAT 174,383,81
3V01P62V10 scu-mus TD :2912 mg/kg/95W-I — ZHPMAT 174,383,81
3V01P62V10 scu-mus TD :6616 mg/kg/95W-I — ZHPMAT 174,383,81
2V03K60 orl-rat TD :2714 mg/kg/2Y-I — BJCAAI 46,924,82

TOXICITY DATA AND REFERENCES:
3F07L30M30 orl-rat LD50:520 mg/kg — GISAAA 46(7),76,81
ihl-rat LCLo:4000 ppm/4H — AIHAAP 30,470,69
ipr-rat LD50:364 mg/kg — TXAPA9 52,422,80
3F07L30M30 orl-mus LD50:630 mg/kg — GISAAA 46(7),76,81
ihl-mus LC50:1740 ppm/4H — AMIHAB 13,237,56
ihl-dog LCLo:2005 ppm/4H — AMIHAB 13,237,56
* skn-rbt LD50:1245 mg/kg — AIHAAP 30,470,69
3F07L30M30 orl-gpg LD50:660 mg/kg — GISAAA 46(7),76,81
ihl-gpg LCLo:4000 ppm/4H — AMIHAB 13,228,56
* skn-gpg LD50:7171 mg/kg — AIHAAP 30,470,69

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE — IARC** 11,191,76
★ TLV-TWA 20 ppm — DTLVS* 4,352,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm (SCP-F) — FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.101,82

STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S75
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0282-0439
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TZ3150000 PROPANE, 1,3-EPOXY-2,2-DIMETHYL-
UPDT:8401 CAS: 6921-35-3 MW: 86.15 MOLFM: C5-H10-O
SYN: 3,3-DIMETHYLOXETANE * beta,beta-DIMETHYLTRIMETHYLENE OXIDE * 3,3-DIMETHYLTRIMETHYLENE OXIDE * 1,3-EPOXY-2,2-DIMETHYLPROPANE * OXETANE, 3,3-DIMETHYL- (9CI)

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:1020 mg/kg/61W-I — BJCAAI 17,100,63

TOXICITY DATA AND REFERENCES:
1F01 ipr-mus LDLo:2000 mg/kg — JMPCAS 1,355,59

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 22HAAD 6,409,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TZ3200000 PROPANE, 1,2-EPOXY-3-ETHOXY-
UPDT:8403 CAS: 4016-11-9 MW: 102.15 MOLFM: C5-H10-O2
SYN: 1,2-EPOXY-3-ETHOXYPROPANE * 1,2-EPOXY-3-ETHYLOXY PROPANE (DOT) * (ETHOXYMETHYL)OXIRANE * ETHYL GLYCIDYL ETHER * OXIRANE, (ETHOXYMETHYL)- (9CI) * UN 2752 (DOT)

MUTATION DATA AND REFERENCES:
mmo-sat 8 mmol/L — CBINA8 45,153,83
mmo-klp 500 umol/L — MUREAV 89,269,81

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

TZ3400000 PROPANE, 1,2-EPOXY-1,1,2,3,3,3-HEXAFLUORO-
CAS: 428-59-1 MW: 166.03 MOLFM: C3-F6-O
SYN: HEXAFLUOROEPOXYPROPANE * HEXAFLUORO-1,2-EPOXYPROPANE * HEXAFLUOROPROPENE EPOXIDE * HEXAFLUOROPROPENE OXIDE * HEXAFLUOROPROPYLENE OXIDE (DOT) * NA 1956 (DOT) * OXIRANE, TRIFLUORO(TRIFLUOROMETHYL)- * PERFLUORO(METHYLOXIRANE) * PERFLUOROPROPYLENE OXIDE * PROPYLENE OXIDE HEXAFLUORIDE * (TRIFLUOROMETHYL)TRIFLUOROOXIRANE * TRIFLUORO(TRIFLUOROMETHYL)OXIRANE

STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS — CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TZ3500000 PROPANE, 1,2-EPOXY-3-ISOPROPOXY-
UPDT:8404 CAS: 4016-14-2 MW: 116.18 MOLFM: C6-H12-O2
SYN: IGE * ISOPROPYL GLYCIDYL ETHER * NCI-C56439

IRRITATION DATA AND REFERENCES:
skn-rbt 459 mg/3D MOD — AMIHAB 14,250,56
eye-rbt 92 mg MOD — AMIHAB 14,250,56

MUTATION DATA AND REFERENCES:
mmo-esc 20 umol/L — ARTODN 46,277,80
dnd-esc 1 umol/L — ARTODN 46,277,80

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4200 mg/kg — AMIHAB 14,250,56
ihl-rat LC50:1100 ppm/8H — AMIHAB 14,250,56
orl-mus LD50:1300 mg/kg — AMIHAB 14,250,56
ihl-mus LC50:1500 ppm/4H — AMIHAB 14,250,56
skn-rbt LD50:9650 mg/kg — AMIHAB 14,250,56

REVIEW AND REFERENCES:
★ TLV-TWA 50 ppm; STEL 75 ppm — DTLVS* 4,240,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ppm (SCP-F) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO GLYCIDYL ETHERS recm std-air:CL 240 mg/m3/15M — NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S77
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ NIOSH CURRENT INTELLIGENCE BULLETIN 29, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TZ3530000 PROPANE, 1,2-EPOXY-3-METHOXY-
UPDT:8306 CAS: 930-37-0 MW: 88.12 MOLFM: C4-H8-O2
SYN: 1,2-EPOXY-3-METHOXYPROPANE

MUTATION DATA AND REFERENCES:
mmo-klp 200 umol/L — MUREAV 89,269,81

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0278-0047

TZ3600000 PROPANE, 1,3-EPOXY-2-METHYL-2-(MERCAPTOMETHYL)-
UPDT:8307 CAS: 63991-91-3 MW: 118.21 MOLFM: C5-H10-O-S
SYN: 3-METHYL-3-(MERCAPTOMETHYL)OXETANE POLYMER * OXETHANE, 3-METHYL-3-(MERCAPTOMETHYL)- * USAF PD-13

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:200 mg/kg — NTIS** AD277-689

TZ3650000 PROPANE, 1,2-EPOXY-3-(p-NITROPHENOXY)-
UPDT:8303 CAS: 5255-75-4 MW: 195.19 MOLFM: C9-H9-N-O4
SYN: 1,2-EPOXY-3(p-NITROPHENOXY)-PROPANE * GLYCIDYL p-NITROPHENYL ETHER * GLYCIDYL 4-NITROPHENYL ETHER * NITROPHENYL GLYCIDYL ETHER * p-NITROPHENYL GLYCIDYL ETHER * OXIRANE, ((4-NITROPHENOXY)METHYL)- (9CI)

MUTATION DATA AND REFERENCES:
mmo-sat 66 nmol/plate — MUREAV 93,297,82
mmo-klp 50 umol/L — MUREAV 89,269,81

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TZ3675000 PROPANE, 1,2-EPOXY-3-PHENOXY-
UPDT:8407 CAS: 122-60-1 MW: 150.19 MOLFM: C9-H10-O2
SYN: AGEFLEX PGE * BENZENE, (2,3-EPOXYPROPOXY)- * 1,2-EPOXY-3-PHENOXYPROPANE * 2,3-EPOXYPROPYLPHENYL ETHER * ETHER, 2,3-EPOXYPROPYL PHENYL * ETHER, PHENYLGLYCIDYL * FENYL-GLYCIDYLETHER (Czech) * GLYCIDYL PHENYL ETHER * OXIRANE, (PHENOXYMETHYL)- * PGE * PHENOL-GLYCIDAETHER (German) * PHENOL GLYCIDYL ETHER * 3-PHENOXY-1,2-EPOXYPROPANE * PHENOXYPROPENE OXIDE * PHENOXYPROPYLENE OXIDE * PHENYL 2,3-EPOXYPROPYL ETHER * PHENYL GLYCIDYL ETHER * PHENYLGLYCYDYL ETHER

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV — AMIHBC 10,61,54
skn-rbt 500 mg/24H MOD — 28ZPAK -,136,72
eye-rbt 111 mg MLD — AMIHAB 14,250,56
eye-rbt 250 ug/24H SEV — 28ZPAK -,136,72

MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate — MUREAV 67,9,79
mma-sat 500 ug/plate — MUREAV 67,9,79
mmo-esc 20 umol/L — ARTODN 46,277,80
dnd-esc 1 umol/L — ARTODN 46,277,80
mmo-klp 100 umol/L — MUREAV 89,269,81
hma-mus/sat 2500 mg/kg — MUREAV 67,9,79
otr-ham:emb 6250 ug/L — MUREAV 67,9,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 ihl-rat TCLo:11 ppm/6H (19D male) — TXAPA9 64,204,82

TUMORIGENIC DATA AND REFERENCES:
2V01D09 ihl-rat TCLo:12 ppm/6H/2Y-I — AJPAA4 111,140,83

TOXICITY DATA AND REFERENCES:
orl-rat LD50:3850 mg/kg — AMIHAB 14,250,56
orl-mus LD50:1400 mg/kg — AMIHAB 14,250,56
1E15 scu-mus LD50:760 mg/kg — ARZNAD 15,1355,65
skn-rbt LD50:1500 mg/kg — AMIHBC 10,61,54

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJOGAH 113,130,72
★ TLV-TWA 1 ppm — DTLVS* 4,332,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ppm (SCP-F) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO GLYCIDYL ETHERS recm std-air:CL 5 mg/m3/15M — NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S74
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ NIOSH CURRENT INTELLIGENCE BULLETIN 29, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0179-0274
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TZ3701000 PROPANE, 1,2-EPOXY-3-(p-TOLYLOXY)-
UPDT:8303 CAS: 2186-24-5 MW: 164.22 MOLFM: C10-H12-O2
SYN: 1,2-EPOXY-3-(p-TOLYLOXY)PROPANE * GLYCIDYL 4-METHYLPHENYL ETHER * GLYCIDYL p-TOLYL ETHER * METHYLPHENYL GLYCIDYL ETHER

MUTATION DATA AND REFERENCES:
mmo-sat 66 nmol/plate — MUREAV 93,297,82

TZ3720000 PROPANE, 1,2-EPOXY-1,2,3-TRICHLORO-
UPDT:8401 CAS: 67664-94-2 MW: 161.41 MOLFM: C3-H3-Cl3-O
SYN: TCPO * 1,2,3-TRICHLOROPROPANE-2,3-OXIDE * TRICHLOROPROPYLENE

MUTATION DATA AND REFERENCES:
mmo-sat 500 umol/L — TOLED5 4,103,79
mmo-esc 500 umol/L — TOLED5 4,103,79
mmo-klp 500 umol/L — MUREAV 89,269,81
mmo-nsc 4 ug/plate — MUREAV 53,297,78

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

PROPANE, 1-ETHOXY- (9CI) see: KO0600000

TZ3930000 PROPANE, HEPTAFLUORO-1-IODO-
UPDT:8412 CAS: 754-34-7 MW: 295.93 MOLFM: C3-F7-I

TOXICITY DATA AND REFERENCES:
* ihl-mus LC50:404 gm/m3/2H — 85GMAT -,76,82

PROPANE, 1,1,1,3,3,3-HEXAFLUORO-2-METHOXY- (9CI) see: KO2282000

TZ4050000 PROPANE, IODO-
UPDT:8312 CAS: 26914-02-3 MW: 170.00 MOLFM: C3-H7-I
SYN: IODOPROPANE * IODOPROPANES (DOT) * UN 2392 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID — CFRGBR 49,172.102,83

TZ4100000 PROPANE, 1-IODO-
UPDT:8408 CAS: 107-08-4 MW: 170.00 MOLFM: C3-H7-I
SYN: 1-IODOPROPANE * n-PROPYL IODIDE

TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:3000 mg/kg/8W-I — CNREA8 35,1411,75

TOXICITY DATA AND REFERENCES:
ihl-rat LC50:73000 mg/m3/30M — FAVUAI 7,35,75
* ipr-rat LD50:650 mg/kg — 85GMAT -,103,82
* ipr-mus LD50:297 mg/kg — 85GMAT -,103,82
* ipr-gpg LD50:595 mg/kg — 85GMAT -,103,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TZ4200000 PROPANE, 2-IODO-
UPDT:8408 CAS: 75-30-9 MW: 170.00 MOLFM: C3-H7-I
SYN: 2-IODOPROPANE * ISOPROPYL IODIDE * i-PROPYL IODIDE
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:1190 mg/kg/8W-I CNREA8 35,1411,75
TOXICITY DATA AND REFERENCES:
ihl-rat LC50:320000 mg/m3/30M FAVUAI 7,35,75
* ipr-rat LD50:1850 mg/kg 85GMAT -,78,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TZ4230000 PROPANE, IODOMETHYL-
UPDT:8312 MW: 184.03 MOLFM: C4-H9-I
SYN: IODOMETHYLPROPANES (DOT) * UN 2391 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

PROPANE, 1-ISOCYANATO- see: NR0190000
PROPANE, 2-ISOCYANATO- (9CI) see: NQ9230000
PROPANE, 1-ISOCYANATO-2-METHYL- (9CI) see: NQ9208000
PROPANE, 2-ISOCYANATO-2-METHYL- (9CI) see: NQ8300000
PROPANE, 1-ISOTHIOCYANATO-3-(METHYLSULFONYL)- (9CI) see: NX8960000
PROPANE, 1-METHOXY- (9CI) see: KO2280000
PROPANE, 2-METHOXY-2-METHYL- (9CI) see: KN5250000

TZ4300000 PROPANE, 2-METHYL-
UPDT:8312 CAS: 75-28-5 MW: 58.14 MOLFM: C4-H10
SYN: ISOBUTANE (DOT) * LIQUEFIED PETROLEUM GAS (DOT) * UN 1075 (DOT) * UN 1969 (DOT)
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FAZMAE 18,365,74
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0978-0240

TZ4400000 PROPANE, 1-(1-NAPHTHYLETHOXY)-2,3-EPOXY-
UPDT:8403 MW: 228.31 MOLFM: C15-H16-O2
SYN: 1-(1-NAPHTHYLETHOXY)-2,3-EPOXYPROPANE * 1-NAPHTHYLETHYL GLYCIDYL ETHER * OXIRANE, (1-NAPHTHYLETHOXY)-
MUTATION DATA AND REFERENCES:
mmo-sat 2 mmol/L CBINA8 45,153,83

TZ4402000 PROPANE, 1-(2-NAPHTHYLETHOXY)-2,3-EPOXY-
UPDT:8403 MW: 228.31 MOLFM: C15-H16-O2
SYN: 1-(2-NAPHTHYLETHOXY)-2,3-EPOXYPROPANE * 2-NAPHTHYLETHYL GLYCIDYL ETHER * OXIRANE, (2-NAPHTHYLETHOXY)-
MUTATION DATA AND REFERENCES:
mmo-sat 1 mmol/L CBINA8 45,153,83

TZ4403000 PROPANE, 1-(1-NAPHTHYLMETHOXY)-2,3-EPOXY-
UPDT:8403 MW: 214.28 MOLFM: C14-H14-O2
SYN: 1-(1-NAPHTHYLMETHOXY)-2,3-EPOXYPROPANE * 1-NAPHTHYLMETHYL GLYCIDYL ETHER * OXIRANE, (1-NAPHTHYLMETHOXY)-
MUTATION DATA AND REFERENCES:
mmo-sat 2 mmol/L CBINA8 45,153,83

TZ4404000 PROPANE, 1-(2-NAPHTHYLMETHOXY)-2,3-EPOXY-
UPDT:8403 MW: 214.28 MOLFM: C14-H14-O2
SYN: 1-(2-NAPHTHYLMETHOXY)-2,3-EPOXYPROPANE * 2-NAPHTHYLMETHYL GLYCIDYL ETHER * OXIRANE, (2-NAPHTHYLMETHOXY)-
MUTATION DATA AND REFERENCES:
mmo-sat 2 mmol/L CBINA8 45,153,83

PROPANENITRILE see: UF9625000
PROPANENITRILE, 3-BUTOXY- see: UG1225000
PROPANENITRILE, 2-((4-CHLORO-6-(ETHYLAMINO)-1,3,5-TRIAZIN-2-YL)AMINO)-2-METHYL- see: UG1490000
PROPANENITRILE, 3-((2-ETHYLHEXYL)OXY)- see: UG2100000
PROPANENITRILE, 3-HYDROXY- see: MU5250000
PROPANENITRILE, 2-HYDROXY-2-METHYL- see: OD9275000
PROPANENITRILE, 3,3'-IMINOBIS- see: UG2975000

TZ4900000 PROPANENITRILE, 2-METHYL-
UPDT:8411 CAS: 78-82-0 MW: 69.12 MOLFM: C4-H7-N
SYN: ISOBUTYRONITRILE * ISOBUTYRONITRILE (DOT) * ISOPROPYL CYANIDE * 2-METHYLPROPIONITRILE * UN 2284 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 380 mg open MLD UCDS** 10/29/59
TOXICITY DATA AND REFERENCES:
orl-rat LD50:102 mg/kg UCDS** 10/29/59
* ihl-rat LCLo:1000 ppm/4H AIHAAP 23,95,62
* orl-mus LD50:25 mg/kg ARTODN 55,47,84
* skn-rbt LD50:310 mg/kg AIHAAP 23,95,62
scu-rbt LDLo:9 mg/kg AIPTAK 5,161,1899
scu-frg LDLo:4800 mg/kg AIPTAK 5,161,1899
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NITRILES recm std-air:TWA 22 mg/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROPANENITRILE, 3,3'-(METHYLIMINO)BIS- see: UG3675000
PROPANENITRILE, 3,3'-OXYBIS- see: UG4200000
PROPANENITRILE, TRICHLORO- see: UG4800000

TZ5075000 PROPANE, 1-NITRO-
UPDT:8312 CAS: 108-03-2 MW: 89.11 MOLFM: C3-H7-N-O2
SYN: 1-NITROPROPANE * 1-NITROPROPANE (DOT) * UN 2608 (DOT)
IRRITATION DATA AND REFERENCES:
eye-hmn 150 ppm/15M JIHTAB 28,262,46
TOXICITY DATA AND REFERENCES:
1D25 ihl-hmn TCLo:150 ppm JIHTAB 28,262,46
orl-rat LD50:455 mg/kg NPIRI* 1,91,74
ihl-rat LC50:3100 ppm/8H NPIRI* 1,91,74
ipr-mus LD50:250 mg/kg KHFZAN 10(6),53,76
orl-rbt LDLo:250 mg/kg JIHTAB 22,315,40
REVIEW AND REFERENCES:
★ TLV-TWA 15 ppm; STEL 25 ppm DTLVS* 4,309,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 25 ppm (SCP-P) FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TZ5250000 PROPANE, 2-NITRO-
UPDT:8408 CAS: 79-46-9 MW: 89.11 MOLFM: C3-H7-N-O2
SYN: DIMETHYLNITROMETHANE * ISONITROPROPANE * NIPAR S-20 * NIPAR S-20 SOLVENT * NIPAR S-30 SOLVENT * NITROISOPROPANE * 2-NITROPROPANE * 2-NITROPROPANE (DOT) * 2-NP * RCRA WASTE NUMBER U171 * UN 2608 (DOT)
MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/plate ENMUDM 5(Suppl 1),3,83
mmo-sat 1 mg/plate ENMUDM 5(Suppl 1),3,83
dnd-sat 50 mg/L MUREAV 104,49,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T47 ipr-rat TDLo:2550 mg/kg (1-15D preg) TXAPA9 48,A35,79
2T25T34 ipr-rat TDLo:2550 mg/kg (1-15D preg) SWEHDO 7(Suppl 4),66,81
TUMORIGENIC DATA AND REFERENCES:
2V03L60 ihl-rat TCLo:207 ppm/26W-I XPHCI* 25APR77
TOXICITY DATA AND REFERENCES:
3F14K12K13 ihl-man TCLo:20 ppm INMEAF 16,441,47
orl-rat LDLo:500 mg/kg NCNSA6 5,32,53
ihl-rat LC50:400 ppm/6H JEPTDQ 2(2),233,78
* ihl-mus LC50:10 gm/m3/2H 85GMAT -,94,82
ipr-mus LD50:75 mg/kg NTIS** AD691-490
ihl-cat LCLo:714 ppm/5H AMIHBC 5,52,52
orl-rbt LDLo:500 mg/kg JIHTAB 22,315,40
ihl-rbt LCLo:2381 ppm/5H AMIHBC 5,52,52
ihl-gpg LCLo:4622 ppm/5H AMIHBC 5,52,52
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 29,331,82
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 29,331,82
★ TLV-TWA 10 ppm; STEL 20 ppm DTLWS* 4,309,82
★ TLV-SUSPECTED CARCINOGEN DTLWS* 4,309,82
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 25 ppm (SCP-P) FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 272*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
★ NIOSH CURRENT INTELLIGENCE BULLETIN 17, 1977
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0578-0170
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TZ5255000 PROPANE, OCTAFLUORO-
UPDT:8401 CAS: 76-19-7 MW: 188.03 MOLFM: C3-F8
SYN: FREON 218 * GENETRON 218 * OCTAFLUOROPROPANE * OCTAFLUOROPROPANE (DOT) * PERFLUOROPROPANE * UN 2424 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PROPANE, 1,1'-OXYBIS- (9CI) see: UJ5125000

TZ5425000 PROPANE, 2,2'-OXYBIS-
UPDT:8404 CAS: 108-20-3 MW: 102.20 MOLFM: C6-H14-O
SYN: DIISOPROPYL ETHER * DIISOPROPYLETHER (DOT) * DIISOPROPYL OXIDE * ETHER, ISOPROPYL * ETHER ISOPROPYLIQUE (French) * ISOPROPYL ETHER * 2-ISOPROPOXYPROPANE * IZOPROPYLOWY ETER (Polish) * UN 1159 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 363 mg open MLD UCDS** 4/10/68
TOXICITY DATA AND REFERENCES:
orl-rat LD50:8470 mg/kg UCDS** 4/10/68
3F07F17F23 ihl-rat LC50:162 gm/m3 GTPZAB 19(10),55,75
3F07F17F23 unk-rat LD50:5880 mg/kg GTPZAB 19(10),55,75
3F01F17F23 ihl-mus LC50:131 gm/m3 GTPZAB 19(10),55,75
ipr-mus LD50:812 mg/kg SCCUR* -,5,61
3F07F17F23 unk-mus LD50:3600 mg/kg GTPZAB 19(10),55,75
3F07F17F23 ihl-rbt LC50:121 gm/m3 GTPZAB 19(10),55,75
skn-rbt LD50:20 gm/kg UCDS** 4/10/68
REVIEW AND REFERENCES:
★ TLV-TWA 250 ppm; STEL 310 ppm DTLVS* 4,239,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ppm (SCP-V) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S368
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

PROPANE, 2,2'-OXYBIS(2-METHYL- (9CI) see: EQ2230000
PROPANEPEROXOIC ACID, 2-METHYL-, 1,1-DIMETHYLETHYL ESTER see: SE0560000
PROPANE, 2-PHENYL see: GR8575000
1,3-PROPANE SULFONE see: RP4500000

TZ6420050 1-PROPANESULFONIC ACID, 2,3-DIMERCAPTO-, SODIUM SALT, (-)-
UPDT:8306 MW: 210.27 MOLFM: C3-H7-O3-S3 Na
SYN: (-)-2,3-DIMERCAPTO-1-PROPANESULFONATE SODIUM SALT * l-2,3-DIMERCAPTO-1-PROPANESULFONIC ACID SODIUM SALT * (-)-DMPS
TOXICITY DATA AND REFERENCES:
1Y10 ipr-mus LD50:1236 mg/kg JPETAB 224,314,83

TZ6420100 1-PROPANESULFONIC ACID, 2,3-DIMERCAPTO-, SODIUM SALT, (+)-
UPDT:8306 MW: 210.27 MOLFM: C3-H7-O3-S3 Na
SYN: (+)-2,3-DIMERCAPTO-1-PROPANESULFONATE SODIUM SALT * d-2,3-DIMERCAPTO-1-PROPANESULFONIC ACID SODIUM SALT * (+)-DMPS
TOXICITY DATA AND REFERENCES:
1Y10 ipr-mus LD50:1266 mg/kg JPETAB 224,314,83

1-PROPANESULFONIC ACID-3-HYDROXY-gamma-SULTONE see: RP5425000
PROPANESULTONE see: RP5425000
1,3-PROPANE SULTONE see: RP5425000

TZ7000000 PROPANE, 1,1,1,3-TETRACHLORO-
UPDT:8408 CAS: 1070-78-6 MW: 181.87 MOLFM: C3-H4-Cl4
SYN: 1,1,1,3-TETRACHLOROPROPANE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1600 mg/kg GISAAA 27,3,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PROPANE, 1,1,3,3-TETRAETHOXY- see: ON8750000

TZ7230000 PROPANETHIOIC ACID, 2-METHYL-
UPDT:8309 CAS: 44296-44-8 MW: 104.18 MOLFM: C4-H8-O-S
SYN: Ac. alpha-TIOISOBUTIRRICO (Italian) * 2-METHYL-PROPANETHIOIC ACID * THIOISOBUTYRIC ACID * alpha-THIOISOBUTYRIC ACID
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:1250 mg/kg FRPSAX 13,882,58

TZ7300000 PROPANETHIOL
UPDT:8312 CAS: 107-03-9 MW: 76.17 MOLFM: C3-H8-S
SYN: 3-MERCAPTOPROPANOL * PROPANE-1-THIOL * 1-PROPANETHIOL (DOT) * PROPYL MERCAPTAN * n-PROPYL MERCAPTAN * PROPYL MERCAPTAN (DOT) * UN 2402 (DOT) * UN 2704 (DOT)
IRRITATION DATA AND REFERENCES:
eye-rbt 83 mg SEV AIHAAP 19,171,58

TOXICITY DATA AND REFERENCES:
3F07J25F24 orl-rat LD50:1790 mg/kg AIHAAP 19,171,58
3J26F07D17 ihl-rat LC50:7300 ppm/4H AIHAAP 19,171,58
3F07J25F24 ipr-rat LD50:515 mg/kg AIHAAP 19,171,58
3J26F07D18 ihl-mus LC50:4010 ppm/4H AIHAAP 19,171,58
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO n-ALKANE MONO THIOLS recm std-air:CL 0.5 ppm/15M NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TZ7302000 2-PROPANETHIOL
UPDT:8312 CAS: 75-33-2 MW: 76.17 MOLFM: C3-H8-S
SYN: ISOPROPANETHIOL * ISOPROPYL MERCAPTAN * ISOPROPYL MERCAPTAN (DOT) * ISOPROPYLTHIOL * 2-MERCAPTOPROPANE * 1-METHYLETHANETHIOL * 2-PROPANETHIOL (DOT) * 2-PROPYLMERCAPTAN * UN 2402 (DOT) * UN 2703 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PROPANE-1-THIOL see: TZ7300000
1-PROPANETHIOL (DOT) see: TZ7300000
2-PROPANETHIOL (DOT) see: TZ7302000

TZ7750000 1-PROPANETHIOL, 3-(TRIBUTYLSTANNYL)-, ACETATE
UPDT:8310 CAS: 4151-92-2 MW: 407.28 MOLFM: C17-H36-O-S-Sn
SYN: ENT 27,260 * H 4372 * STAUFFER H-4372 * 3-(TRIBUTYLSTANNYL)-1-PROPANETHIOL ACETATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4192 mg/kg ARSIM* 20,22,66
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

TZ7800000 PROPANETHIOL, TRIMETHOXYSILYL-
UPDT:8307 CAS: 4420-74-0 MW: 196.37 MOLFM: C6-H16-O3-S-Si
SYN: gamma-MERCAPTOPROPYLTRIMETHOXYSILANE * 3-MERCAPTOPROPYLTRIMETHOXYSILANE * SILANE, 3-MERCAPTOPROPYLTRIMETHOXY- * SILICONE A-189 * UNION CARBIDE A-189
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 4/2/71
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2940 mg/kg AIHAAP 30,470,69
ipr-mus LD50:633 mg/kg DANKAS 229(4),1011,76
* skn-rbt LD50:5880 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDROXY-, CERIUM(3+) SALT (1:1) (9CI) see: FK5425000
1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDROXY-, COPPER(2+) SALT (1:2) (9CI) see: GL7056000
1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDROXY-, DIAMMONIUM SALT see: GE7573000
1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDROXY-, MONOSODIUM SALT (9CI) see: GE7950000
1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDROXY-, TRIETHYL ESTER (9CI) see: GE8050000
1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDROXY-, ZINC SALT (2:3) (9CI) see: GE8360000

TZ8625000 1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDROXY-, ZIRCONIUM SALT
UPDT:7901 CAS: 22830-18-8 MW: 830.68 MOLFM: C6-H8-O7 xZr
SYN: 2-HYDROXY-1,2,3-PROPANETRICARBOXYLIC ACID ZIRCONIUM SALT * ZIRCONIUM CITRATE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:1710 mg/kg JPETAB 94,1,48
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74

TZ8750000 PROPANE, 1,1,1-TRICHLORO-
UPDT:8407 CAS: 7789-89-1 MW: 147.43 MOLFM: C3-H5-Cl3
SYN: 1,1,1-TRICHLOROPROPANE
IRRITATION DATA AND REFERENCES:
eye-hmn 100 ppm/15M JIHTAB 28,262,46
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 20 mg open SEV AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:7460 mg/kg AIHAAP 23,95,62
* ihl-rat LCLo:8000 ppm/4H AIHAAP 23,95,62

TZ8925000 PROPANE, 1,1,2-TRICHLORO-
UPDT:8407 CAS: 598-77-6 MW: 147.43 MOLFM: C3-H5-Cl3
SYN: 1,1,2-TRICHLOROPROPANE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 20 mg open SEV AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1230 mg/kg AMIHBC 10,61,54
* ihl-rat LC50:2000 ppm/4H AMIHBC 10,61,54
* skn-rbt LD50:14100 mg/kg AMIHBC 10,61,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TZ9275000 PROPANE, 1,2,3-TRICHLORO-
UPDT:8412 CAS: 96-18-4 MW: 147.43 MOLFM: C3-H5-Cl3
SYN: ALLYL TRICHLORIDE * GLYCEROL TRICHLOROHYDRIN * GLYCERYL TRICHLOROHYDRIN * NCI-C60220 * TRICHLOROHYDRIN * 1,2,3-TRICHLOROPROPANE
IRRITATION DATA AND REFERENCES:
skn-rbt 700 mg open MLD UCDS** 3/20/73
eye-rbt 140 mg SEV UCDS** 3/20/73
MUTATION DATA AND REFERENCES:
mmo-sat 100 nmol/plate ENMUDM 2,59,80
mma-sat 100 nmol/plate ENMUDM 2,59,80
cyt-rat-ihl 800 ug/L BEXBAN 78,1414,74
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T26 orl-rat TDLo:400 mg/kg (5D male) MUREAV 101,321,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:320 mg/kg UCDS** 3/20/73
* ihl-rat LCLo:1000 ppm/4H AIHAAP 23,95,62
unk-rat LD50:505 mg/kg CHABA8 89,142,78
* ihl-mus LC50:3400 mg/m3/2H 85GMAT -,114,82
unk-mus LD50:369 mg/kg CHABA8 89,142,78
3F04L02L03 orl-dog LDLo:200 mg/kg AJHYA2 16,325,32
* skn-rbt LD50:1770 mg/kg AIHAAP 23,95,62
unk-rbt LD50:380 mg/kg CHABA8 89,142,78
unk-gpg LD50:340 mg/kg CHABA8 89,142,78

REVIEW AND REFERENCES:
★ TLV-TWA 50 ppm; STEL 75 ppm DTLVS* 4,410,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ppm (SCP-I) FEREAC 39,23540,74
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S126
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TZ9450000 PROPANE, 1,3,3-TRIETHOXY-
UPDT:8412 CAS: 7789-92-6 MW: 176.29 MOLFM: C9-H20-O3
SYN: 1,3,3-TRIETHOXYPROPANE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
eye-rbt 750 mg open AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1600 mg/kg AMIHBC 4,119,51
* skn-rbt LD50:8 gm/kg AMIHBC 4,119,51

1,2,3-PROPANETRIOL see: MA8050000
1,2,3-PROPANETRIOL, 1-ACETATE (9CI) see: AK3600000
1,2,3-PROPANETRIOL, 1,3-DINITRATE (9CI) see: MA9487500

UA0800000 1,2,3-PPOPANETRIOL, HOMOPOLYMER, (Z)-9-OCTADECENOATE
UPDT:8411 CAS: 9007-48-1
TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:500 mg/kg JAPMA8 45,685,56

1,2,3,-PROPANETRIOL MONOACETATE see: AK3600000
1,2,3-PROPANETRIOL TRIACETATE see: AK3675000
1,2,3-PROPANETRIOL, TRINITRATE see: QX2100000
PROPANE, 1,1,3-TRIS(2-CHLOROETHOXY)- see: UE0400000

UA1850000 PROPANE, 1,2,3-TRIS(CHLOROMETHOXY)-
UPDT:8401 CAS: 38571-73-2 MW: 237.52 MOLFM: C6-H11-Cl3-O3
SYN: GLYCEROL(TRI(CHLOROMETHYL))ETHER * TRIS-1,2,3-(CHLOROMETHOXY)PROPANE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:8640 mg/kg/72W-I CNREA8 35,2553,75
2V02V10 ipr-mus TDLo:910 mg/kg/76W-I CNREA8 35,2553,75
2V02V10 scu-mus TDLo:970 mg/kg/81W-I CNREA8 35,2553,75
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 15,301,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,2,3-PROPANETRIYL NITRATE see: QX2100000
PROPANEX see: UE4900000
PROPANID see: UE4900000
PROPANIDE see: UE4900000
PROPANIDID see: AG9625000
PROPANIDIDE see: AG9625000
PROPANIL see: UE4900000

UA2300000 PROPANIMIDAMIDE, 3-(((2-((AMINOIMINOMETHYL)AMINO)-4-THIAZOLYL)METHYL)THIO)-N- (AMINOSULFONYL)-
UPDT:8409 CAS: 76824-35-6 MW: 337.48 MOLFM: C3-H15-N7-O2-S3
SYN: 3-(((2-((AMINOIMINOMETHYL)AMINO)-4-THIAZOLYL)METHYL)THIO)-N-(AMINOSULFONYL)PROPANIMIDAMIDE * 3-(((2-((DIAMINOMETHYLENE)AMINO)-4-THIAZOLYL)METHYL)THIO)-N(sup 2)-SULFAMOYLPROPIONAMIDINE * 3-(((2-((DIAMINOMETHYLENE)AMINO)-4-THIAZOLYL)METHYL)THIO)-N(sup 2)-SULFAMOYLPROPIONAMIDINE * FAMOTIDINE * YM-11170
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 orl-rat TDLo:2800 mg/kg (15-22D preg/21D post) OYYAA2 26,543,83
2T35T86 orl-rat TDLo:22 gm/kg (7-17D preg) OYYAA2 26,489,83
1T34 orl-rat TDLo:5500 mg/kg (7-17D preg) OYYAA2 26,489,83
1T35 orl-rat TDLo:1100 mg/kg (MGN) OYYAA2 26,489,83
1T75 orl-rat TDLo:248 gm/kg (12W male/2W pre-4D post) OYYAA2 26,551,83
1T81 ivn-rat TDLo:2200 mg/kg (7-17D preg) OYYAA2 26,831,83
1T46 orl-rbt TDLo:6500 mg/kg (6-18D preg) OYYAA2 26,565,83
1T25 ivn-rbt TDLo:130 mg/kg (6-18D preg) OYYAA2 26,573,83
TOXICITY DATA AND REFERENCES:
3F07F12J22 ivn-rat LD50:559 mg/kg OYYAA2 26,147,83
3F07F12J22 ipr-mus LD50:778 mg/kg OYYAA2 26,147,83
3F07F12J22 ivn-mus LD50:434 mg/kg OYYAA2 26,147,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROPANOIC ACID see: TO7700000
PROPANOIC ACID see: UE5950000

UA2451400 PROPANOIC ACID, 2-(((1-(2-AMINO-4-THIAZOLYL)-2-((2-METHYL-4-OXO-1-SULFO-3-AZETIDINYL)AMINO)- 2-OXOETHYLIDENE)AMINO)OXY)-2-METHYL-, (2S-(2-alpha,3-beta(Z)))-
UPDT:8408 CAS: 78110-38-0 MW: 435.47 MOLFM: C13-H17-N5-O8-S2
SYN: AZACTAM * AZTHREONAM * AZTREONAM * SQ 26,776
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:6600 mg/kg JACHDX 8(Suppl E),141,81
* ivn-mus LD50:3300 mg/kg JACHDX 8(Suppl E),141,81

UA2451500 PROPANOIC ACID, 2-(((1-(2-AMINO-4-THIAZOLYL)-2-((2-METHYL-4-OXO-1-SULFO-3-AZETIDINYL)AMINO)- 2-OXOETHYLIDINE)AMINO)OXY)-2-METHYL-, (2S-(2-alpha,3-beta(Z)))-, DISODIUM SALT
UPDT:8406 MW: 479.43 MOLFM: C13-H15-N5-O8-S2 .2Na
SYN: AZACTAM DISODIUM * AZTHREONAM DISODIUM * AZTREONAM DISODIUM * SQ 26,776
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:6600 mg/kg JACHDX 8(Suppl E),141,81
* ivn-mus LD50:3300 mg/kg JACHDX 8(Suppl E),141,81

UA2451600 PROPANOIC ACID, 2-(4-BENZOYLPHENOXY)-2-METHYL-, ISOPROPYL ESTER
UPDT:8412 CAS: 42019-13-6 MW: 326.42 MOLFM: C20-H22-O4
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1600 mg/kg ARZNAD 26,885,76

PROPANOIC ACID, 3-BUTOXY see: UE8225000
PROPANOIC ACID, BUTYL ESTER (9CI) see: UE8245000
PROPANOIC ACID, CHLORO- (9CI) see: UE8550000

UA2452950 PROPANOIC ACID, 2-(4-(4-CHLOROBENZOYL)-2,6-DIMETHYLPHENOXY)-2-METHYL-
UPDT:8412 CAS: 61024-28-0 MW: 346.83 MOLFM: C19-H19-Cl-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:120 mg/kg ARZNAD 26,885,76

UA2452960 PROPANOIC ACID, 2-(4-(4-CHLOROBENZOYL)-3-METHYLPHENOXY)-2-METHYL-, ISOPROPYL ESTER
UPDT:8412 CAS: 42019-35-2 MW: 374.89 MOLFM: C21-H23-Cl-O4
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1600 mg/kg ARZNAD 26,885,76

UA2452990 PROPANOIC ACID, 2-(4-(3-CHLOROBENZOYL)PHENOXY)-2-METHYL-
UPDT:8412 CAS: 60012-96-6 MW: 318.77 MOLFM: C17-H15-Cl-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg ARZNAD 26,885,76

UA2453000 PROPANOIC ACID, 2-(4-(4-CHLOROBENZOYL)PHENOXY)-2-METHYL-
UPDT:8411 CAS: 42017-89-0 MW: 318.77 MOLFM: C17-H15-Cl-O4
SYN: 2-(4-(4-CHLOROBENZOYL)PHENOXY)-2-METHYLPROPANOIC ACID * LF 153 * LF 178 ACID * PROCETOFENIC ACID
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1242 mg/kg DRFUD4 7,229,82
* orl-mus LD50:1200 mg/kg ARZNAD 26,885,76
* ipr-mus LD50:500 mg/kg ARZNAD 26,885,76

UA2453100 PROPANOIC ACID, 2-(4-(4-CHLOROBENZOYL)PHENOXY)-2-METHYL-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8412 CAS: 42019-26-1 MW: 454.43 MOLFM: C23-H28-Cl-N-O4 Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1200 mg/kg ARZNAD 26,885,76

UA2453200 PROPANOIC ACID, 2-(4-(4-CHLOROBENZOYL)PHENOXY)-2-METHYL-, ETHYL ESTER
UPDT:8412 CAS: 42019-08-9 MW: 346.83 MOLFM: C19-H19-Cl-O4
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1600 mg/kg ARZNAD 26,885,76

UA2453300 PROPANOIC ACID, 2-(4-(4-CHLOROBENZOYL)PHENOXY)-2-METHYL-, METHYL ESTER
UPDT:8412 CAS: 42019-07-8 MW: 332.80 MOLFM: C18-H17-Cl-O4
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1600 mg/kg ARZNAD 26,885,76

UA2453400 PROPANOIC ACID, 2-(4-(4-CHLOROBENZOYL)PHENOXY)-2-METHYL-, 1-METHYLETHYL ESTER
UPDT:8412 CAS: 49562-28-9 MW: 360.86 MOLFM: C20-H21-Cl-O4
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1600 mg/kg ARZNAD 26,885,76

UA2453500 PROPANOIC ACID, 2-(4-(4-CHLOROBENZOYL)PHENOXY)-2-METHYL-, 2-(4-MORPHOLINYL)ETHYL ESTER, HYDROCHLORIDE
UPDT:8412 CAS: 42019-31-8 MW: 468.41 MOLFM: C23-H26-Cl-N-O5 Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1600 mg/kg ARZNAD 26,885,76

UA2453600 PROPANOIC ACID, 2-(4-(4-CHLOROBENZOYL)PHENOXY)-2-METHYL-, 2-(1-PIPERIDINYL)ETHYL ESTER, (E)-2-BUTENEDIOATE
UPDT:8412 MW: 546.06 MOLFM: C24-H28-Cl-N-O4 C4-H4-O4
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1600 mg/kg ARZNAD 26,885,76

UA2453700 PROPANOIC ACID, 2-(4-(4-CHLOROBENZOYL)PHENOXY)-2-METHYL-, 3-PYRIDINYLMETHYL ESTER, HYDROCHLORIDE
UPDT:8412 CAS: 42019-30-7 MW: 446.35 MOLFM: C23-H20-Cl-N-O4 Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1200 mg/kg ARZNAD 26,885,76

PROPANOIC ACID, 2-(4-CHLORO-2-METHYLPHENOXY)- see: UE9750000
PROPANOIC ACID, 2-(4-CHLORO-2-METHYLPHENOXY)-, (R)- (9CI) see: UE9755000
PROPANOIC ACID, 2-(4-CHLORO-2-METHYLPHENOXY)-, POTASSIUM SALT (9CI) see: UF0250000

UA2458000 PROPANOIC ACID, 2-(4-CHLOROPHENOXY)-2-METHYL-, 3,4-DIHYDRO-2,5,7,8-TETRAMETHYL-2-(4,8,12- TRIMETHYLTRIDECYL)-2H-1-BENZOPYRAN-6-YL ESTER, (2R(4R,8R))
UPDT:8406 CAS: 50465-39-9 MW: 627.43 MOLFM: C39-H59-Cl-O4
SYN: TOCOFEROL 2-(p-CHLOROPHENOXY)-2-METHYLPROPIONATE * TOCOFIBRATE * TOCOFIBRATO (Spanish)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rbt TDLo:30 gm/kg (30D male) OYYAA2 16,1,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:15 gm/kg DRFUD4 4,679,79
ipr-rat LD50:15 gm/kg DRFUD4 4,679,79
orl-mus LD50:15 gm/kg DRFUD4 4,679,79
ipr-mus LD50:15 gm/kg DRFUD4 4,679,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROPANOIC ACID, 2-(4-CHLOROPHENOXY)-2-METHYL-, ETHYL ESTER see: UE9480000

UA2458300 PROPANOIC ACID, 2-(4-(CYCLOHEXYLCARBONYL)PHENOXY)-2-METHYL-
UPDT:8412 CAS: 60012-94-4 MW: 290.39 MOLFM: C17-H22-O4
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:250 mg/kg ARZNAD 26,885,76

UA2458400 PROPANOIC ACID, 2-(4-(2,6-DICHLOROBENZOYL)PHENOXY)-2-METHYL-
UPDT:8412 CAS: 60012-97-7 MW: 353.21 MOLFM: C17-H14-Cl2-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:320 mg/kg ARZNAD 26,885,76

UA2458500 PROPANOIC ACID, 2-(4-(3,4-DICHLOROBENZOYL)PHENOXY)-2-METHYL-
UPDT:8412 CAS: 60012-98-8 MW: 353.21 MOLFM: C17-H14-Cl2-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg ARZNAD 26,885,76

UA2459100 PROPANOIC ACID, 2,2-DICHLORO-, mixt. with SODIUM (2,4-DICHLOROPHENOXY)ACETATE
UPDT:8402 CAS: 52048-93-8 MW: 385.99 MOLFM: C8-H5-Cl2-O3 C3-H4-Cl2-O2 Na
SYN: DALAPON mixt. with 2,4-D SODIUM * SODIUM 2,4-D mixt. with DALAPON
TOXICITY DATA AND REFERENCES:
* unk-rat LD50:9200 mg/kg KSKZAN 18(7),61,80

PROPANOIC ACID, 2,2-DIMETHYL-, HEXYL ESTER (9CI) see: TO7876600
PROPANOIC ACID, 2,2-DIMETHYL-, n-HEXYL ESTER see: TO7876600
PROPANOIC ACID, 2,2-DIMETHYL-, 2-(PHENYLMETHYL)HYRAZIDE see: TO7874000
PROPANOIC ACID, 2-HYDROXY- see: OD2800000
PROPANOIC ACID, 2-HYDROXY-, BUTYL ESTER (9CI) see: OD4025000

UA2465200 PROPANOIC ACID, 2-HYDROXY-, compd. with 3-(CYCLOBUTYLMETHYL)-6-ETHYL-1,2,3,4,5,6-HEXAHYDRO- 11,11-DIMETHYL-2,6-METHANO-3-BENZAZOCIN-8-OL (1:1)
UPDT:8402 CAS: 75639-71-4 MW: 403.62 MOLFM: C21-H31-N-O C3-H6-O3
SYN: COGAZOCINE LACTATE * 2-CYCLOBUTYL METHYL-5-ETHYL-2'-HYDROXY-9,9-DIMETHYL-6,7-BENZOMORPHAN LACTATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 ims-dog TDLo:63 mg/kg (63D male) TXCYAC 16,193,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROPANOIC ACID, 2-HYDROXY-, MONOPOTASSIUM SALT (9CI) see: OD5675000
PROPANOIC ACID, 2-HYDROXY-, MONOSODIUM SALT see: OD5680000
PROPANOIC ACID, 2-HYDROXY-, TRIANHYDRIDE with ANTIMONIC ACID (H3-Sb-O3) (9CI) see: CC5455000
PROPANOIC ACID, 2-METHYL-, 3,7-DIMETHYL-2,6-OCTADIENYL ESTER, (E) see: UF5610000
PROPANOIC ACID, METHYL ESTER see: UF5970000
PROPANOIC ACID, 1-METHYLETHYL ESTER (9CI) see: UF5140000

UA2470200 PROPANOIC ACID, 2-METHYL-, 3-HEXENYL ESTER, (Z)-
UPDT:8305 CAS: 41519-23-7 MW: 170.28 MOLFM: C10-H18-O2
SYN: ENT 33248 * beta,gamma-HEXENYL ISOBUTANOATE * cis-3-HEXENYL ISOBUTYRATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,799,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PROPANOIC ACID, 2-METHYL-, HEXYL ESTER (9CI) see: NQ4695000
PROPANOIC ACID, 2-METHYL-, 1-METHYLETHYL ESTER (9CI) see: NQ5320000
PROPANOIC ACID, 2-METHYL-, 2-METHYLPROPYL ESTER (9CI) see: NQ5250000

UA2470850 PROPANOIC ACID, 2-METHYL-2-(4-(1-OXOPENTYL)PHENOXY)-
UPDT:8412 CAS: 42019-02-3 MW: 264.35 MOLFM: C15-H20-O4
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1600 mg/kg ARZNAD 26,885,76

2-PROPANOIC ACID, 2-METHYL-, 2-(PHENYLAMINO)ETHYL ESTER (9CI) see: OZ3400000
METHACRYLICACID, 2-ANILINOETHYL ESTER
PROPANOIC ACID, 2-METHYL-, 2-PHENYLETHYL ESTER see: NQ5435000
PROPANOIC ACID, 2-METHYLPROPYL ESTER (9CI) see: UF4930000
PROPANOIC ACID, 2-PHENYLETHYL ESTER see: UF6488000
PROPANOIC ACID, 3,3'-THIOBIS-, DIDODECYL ESTER see: UF8000000

UA3000000 PROPANOIC ACID, 2-(4-((5-(TRIFLUOROMETHYL)-2-PYRIDINYL)OXY)PHENOXY)-, BUTYL ESTER
UPDT:8309 CAS: 69806-50-4 MW: 383.40 MOLFM: C19-H20-F3-N-O4
SYN: BUTYL 2-(4-(5-TRIFLUOROMETHYL-2-PYRIDINYLOXY)PHENOXY)PROPANOATE * FLUAZIFOP-BUTYL * PP 009 * PROPIONIC ACID, 2-(p-((5-(TRIFLUOROMETHYL)-2-PYRIDYL)OXY)PHENOXY)-, BUTYL ESTER * TF 1169
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3328 mg/kg FMCHA2 -,C106,83
* orl-mus LD50:1490 mg/kg FMCHA2 -,C106,83

PROPANOIC ANHYDRIDE see: UF9100000
PROPANOL see: UH8225000
i-PROPANOL (German) see: NT8050000
n-PROPANOL see: UH8225000
PROPANOL-1 see: UH8225000
1-PROPANOL see: UH8225000
PROPAN-2-OL see: NT8050000
2-PROPANOL see: NT8050000

UA4600000 PROPANOL, 3-ACETYL-
UPDT:8408 CAS: 1071-73-4 MW: 102.15 MOLFM: C5-H10-O2
SYN: ACETOPROPYL ALCOHOL
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:4180 mg/kg GISAAA 43(8),103,78
ihl-rat LCLo:2000 mg/m3/4H TNICS* 13,119,73
orl-mus LD50:1960 mg/kg GISAAA 43(8),103,78
ihl-mus LCLo:2000 mg/m3/4H TNICS* 13,119,73
orl-rbt LDLo:3500 mg/kg GISAAA 43(8),103,78
orl-gpg LD50:2260 mg/kg GISAAA 43(8),103,78

UA4900000 PROPANOL, ALLYLOXY-
UPDT:8407 CAS: 1331-17-5 MW: 116.19 MOLFM: C6-H12-O2
SYN: ALLYL ETHER of PROPYLENE GLYCOL * 1,2-PROPANEDIOL, ALLYL ETHER * PROPYLENE GLYCOL ALLYL ETHER
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD JIHTAB 31,60,49
eye-rbt 2 mg open SEV JIHTAB 31,60,49
TOXICITY DATA AND REFERENCES:
orl-rat LD50:510 mg/kg JIHTAB 31,60,49
* orl-mus LD50:4 mg/kg AMIHBC 2,574,50
skn-rbt LD50:1100 mg/kg JIHTAB 31,60,49
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UA5270000 2-PROPANOL, 1-(2-ALLYLOXYPHENOXY)-3-(ISOPROPYLAMINO)-
UPDT:8308 CAS: 6452-71-7 MW: 265.39 MOLFM: C15-H23-N-O3
SYN: 1-(o-(ALLYLOXY)PHENOXY)-3-(ISOPROPYLAMINO)-2-PROPANOL * CORETAL * 1-(ISOPROPYLAMINO)-2-HYDROXY-3-(o-(ALLYLOXY)PHENOXY)PROPANE * 1-((1-METHYLETHYL)AMINO)-3-(2-(2-PROPENYLOXY)PHENOXY)-2-PROPANOL * OXPRENOLOL * 2-PROPANOL, 1-((1-METHYLETHYL)AMINO)-3-(2-(2-PROPENYLOXY)PHENOXY)-
TOXICITY DATA AND REFERENCES:
3G08G30J30 orl-hmn TDLo:50 mg/kg BMJOAE 1,776,77
orl-rat LD50:730 mg/kg ARZNAD 18,164,68
scu-rat LD50:940 mg/kg ARZNAD 18,164,68
ivn-rat LD50:33 mg/kg ARZNAD 18,164,68
1E03 ipr-mus LD50:246 mg/kg AIMJA9 30,23,79
scu-mus LD50:245 mg/kg ARZNAD 18,164,68
* ivn-mus LD50:20 mg/kg ARZNAD 27,1022,77
orl-cat LD90:200 mg/kg ARZNAD 18,164,68
ivn-rbt LD90:20 mg/kg ARZNAD 18,164,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UA5277000 2-PROPANOL, 1-(o-ALLYLOXYPHENOXY)-3-ISOPROPYLAMINO-, HYDROCHLORIDE
UPDT:8312 CAS: 6452-73-9 MW: 301.85 MOLFM: C15-H23-N-O3 Cl-H
SYN: 2-(o-ALLYLOXYPHENOXY)-2-HYDROXY-N-ISOPROPYL-1-PROPYLAMINE HYDROCHLORIDE * 1-(o-ALLYLOXYPHENOXY)-3-ISOPROPYLAMINOPROPAN-2-OL HYDROCHLORIDE * Ba-39089 * C-39089-Ba * CIBA 39089-Ba * CORETAL * OXPRENOLOL HYDROCHLORIDE * TRASICOR
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T21T24 ivn-rbt TDLo:10500 ug/kg (7D pre) CCPTAY 12,53,75
TOXICITY DATA AND REFERENCES:
orl-wmn LDLo:90 mg/kg BMJOAE 1,552,77
* orl-rat LD50:585 mg/kg NIIRDN 6,158,82
* ipr-rat LD50:147 mg/kg NIIRDN 6,158,82
* scu-rat LD50:1150 mg/kg NIIRDN 6,158,82
* ivn-rat LD50:52 mg/kg NIIRDN 6,158,82
* ipr-mus LD50:187 mg/kg NIIRDN 6,158,82
* scu-mus LD50:459 mg/kg NIIRDN 6,158,82
* ivn-mus LD50:53500 ug/kg NIIRDN 6,158,82
ivn-dog LD50:15 mg/kg ARZNAD 20,1890,70
ivn-rbt LDLo:20 mg/kg ARZNAD 20,1890,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UA5350000 2-PROPANOL, 1-(o-ALLYLPHENOXY)-3-(ISOPROPYLAMINO)-
UPDT:8403 CAS: 13655-52-2 MW: 249.39 MOLFM: C15-H23-N-O2
SYN: 1-(o-ALLYLPHENOXY)-3-(ISOPROPYLAMINO)-2-PROPANOL * ALPROL (Russian) * ALPRENOLOL * H 56/28 * 2-PROPANOL, 1-((1-METHYLETHYL)AMINO)-3-(2-(2-PROPENYL)PHENOXY)-
TOXICITY DATA AND REFERENCES:
* orl-wmn LDLo:210 mg/kg UGLAAD 139,2817,77
* ipr-mus LD50:90 mg/kg EJMCA5 18,151,83
* ivn-mus LD50:20 mg/kg ARZNAD 27,1022,77
* orl-mam LD50:184 mg/kg PCJOAU 8,137,74
* ipr-mam LD50:102 mg/kg PCJOAU 8,137,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UA5425000 2-PROPANOL, 1-(o-ALLYLPHENOXY)-3-(ISOPROPYLAMINO)-, HYDROCHLORIDE
UPDT:8403 CAS: 13707-88-5 MW: 285.85 MOLFM: C15-H23-N-O2 Cl-H

SYN: ALFEPROL * 1-(o-ALLYLPHENOXY)-3-(ISOPROPYLAMINO)-2-PROPANOL HYDROCHLORIDE * ALPRENOL HYDROCHLORIDE * ALPRENOLOL HYDROCHLORIDE * APLLOBAL * APROBAL * APTIN * APTINE * APTOL DURILES * BETAPTIN * DIMACOR * GUBERNAL * H 56-28 * 1-ISOPROPYLAMINO-3-(o-ALLYLPHENOXY)-2-PROPANOL HYDROCHLORIDE * 2-PROPANOL, 1-((1-METHYLETHYL)AMINO)-3-(2-(2-PROPENYL)PHENOXY)-, HYDROCHLORIDE * REGLETIN * YOBIR

TOXICITY DATA AND REFERENCES:

1G10	orl-man TDLo:571 ug/kg	KIZSB8 6(4),209,75
*	orl-rat LD50:630 mg/kg	NIIRDN 6,47,82
*	ipr-rat LD50:105 mg/kg	NIIRDN 6,47,82
*	scu-rat LD50:310 mg/kg	NIIRDN 6,47,82
*	ivn-rat LD50:17 mg/kg	NIIRDN 6,47,82
2F17F07	orl-mus LD50:184 mg/kg	AIPTAK 202,79,73
3A11F05F07	ipr-mus LD50:103 mg/kg	APTOA6 27,453,69
*	scu-mus LD50:235 mg/kg	NIIRDN 6,47,82
*	ivn-mus LD50:29 mg/kg	NIIRDN 6,47,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UA5775000 2-PROPANOL, 1-AMINO-
UPDT:8307 CAS: 78-96-6 MW: 75.13 MOLFM: C3-H9-N-O
SYN: alpha-AMINOISOPROPYL ALCOHOL * 1-AMINOPROPAN-2-OL * 1-AMINO-2-PROPANOL * 2-HYDROXYPROPYLAMINE * ISOPROPANOLAMINE * MONO-ISO-PROPANOLAMINE * THREAMINE

IRRITATION DATA AND REFERENCES:

	skn-rbt 485 mg open MOD	UCDS** 5/21/71
	eye-rbt 970 ug SEV	UCDS** 5/21/71

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:4260 mg/kg	JIHTAB 31,60,49
	ipr-mus LDLo:250 mg/kg	CBCCT* 4,232,52
	skn-rbt LD50:1640 mg/kg	UCDS** 5/21/71

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UA5778000 2-PROPANOL, 1-((2-(m-AMINOANILINO)ETHYL)AMINO)-3-PHENOXY-, MONOHYDROCHLORIDE
UPDT:8405 MW: 337.89 MOLFM: C17-H23-N3-O2 Cl-H
SYN: 1-((2-(m-AMINOANILINO)ETHYL)AMINO)-3-PHENOXY-2-PROPANOL HYDROCHLORIDE * 2-PROPANOL, 1-((2-((3-AMINOPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, HYDROCHLORIDE (10CI)

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:66 mg/kg	PHARAT 38,409,83

UA5782000 2-PROPANOL, 1-AMINO-3-CHLORO-, (-)-
UPDT:8402 MW: 109.57 MOLFM: C3-H8-Cl-N-O
SYN: (-)-1-AMINO-3-CHLORO-2-PROPANOL * l-1-AMINO-3-CHLORO-2-PROPANOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T23	orl-rat TDLo:150 mg/kg (5D male)	CBINAB 13,193,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UA5783000 2-PROPANOL, 1-AMINO-3-CHLORO-, (+-)-
UPDT:8402 CAS: 59348-49-1 MW: 109.57 MOLFM: C3-H8-Cl-N-O
SYN: (+-)-1-AMINO-3-CHLORO-2-PROPANOL * dl-1-AMINO-3-CHLORO-2-PROPANOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T23	orl-rat TDLo:300 mg/kg (5D male)	CBINAB 13,193,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UA5787000 2-PROPANOL, 1-AMINO-3-CHLORO-, HYDROCHLORIDE, (-)-
UPDT:8405 CAS: 34839-13-9 MW: 146.03 MOLFM: C3-H8-Cl-N-O Cl-H
SYN: (-)-1-AMINO-3-CHLORO-2-PROPANOL HYDROCHLORIDE * l-AMINO-3-CHLORO-2-PROPANOL HYDROCHLORIDE * l-1-AMINO-3-CHLORO-2-PROPANOL HYDROCHLORIDE * CL 88236

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01	orl-rat TDLo:560 mg/kg (14D male)	CCPTAY 9,459,74
1T02	orl-rat TDLo:21 gm/kg (84D male)	TXCYAC 11,235,78
1T03	orl-rat TDLo:42 gm/kg (84D male)	TXCYAC 11,235,78
1T24	orl-rat TDLo:140 mg/kg (14D male)	CCPTAY 13,639,76
1T23	orl-rat TDLo:70 mg/kg (14D male)	CCPTAY 9,459,74
1T23	ipr-rat TDLo:2640 ug/kg (3D male)	BIREBV 14,202,76
1T23	orl-mus TDLo:1400 mg/kg (14D male)	CCPTAY 9,459,74
1T23	orl-ham TDLo:1400 mg/kg (14D male)	CCPTAY 9,459,74

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UA5787500 2-PROPANOL, 1-AMINO-3-CHLORO-, HYDROCHLORIDE, (+)-
UPDT:8401 CAS: 34839-14-0 MW: 146.03 MOLFM: C3-H8-Cl-N-O Cl-H
SYN: (+)-1-AMINO-3-CHLORO-2-PROPANOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:50 mg/kg	CCPTAY 9,451,74

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UA5788000 2-PROPANOL, 1-AMINO-3-CHLORO-, HYDROCHLORIDE, (+-)-
UPDT:8401 CAS: 34839-12-8 MW: 146.03 MOLFM: C3-H8-Cl-N-O Cl-H
SYN: (+-)-1-AMINO-3-CHLORO-2-PROPANOL HYDROCHLORIDE * dl-1-AMINO-3-CHLORO-2-PROPANOL HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:200 mg/kg (5D male)	CCPTAY 13,639,76
1T23	orl-rat TDLo:210 mg/kg (14D male)	CCPTAY 9,451,74

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:165 mg/kg	CCPTAY 9,451,74

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UA5791000 2-PROPANOL, 1-AMINO-3-(CYCLOHEPTYLOXY)-
UPDT:8408 MW: 187.32 MOLFM: C10-H21-N-O2
SYN: 1-AMINO-3-(CYCLOHEPTYLOXY)-2-PROPANOL * 1-CYCLOHEPTYLOXY-3-AMINO-2-PROPANOL

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:243 mg/kg	ARPMAS 317,63,84

UA5792000 2-PROPANOL, 1-AMINO-3-(CYCLOHEXYLOXY)-
UPDT:8408 MW: 173.29 MOLFM: C9-H19-N-O2
SYN: 1-AMINO-3-(CYCLOHEXYLOXY)-2-PROPANOL * 1-CYCLOHEXYLOXY-3-AMINO-2-PROPANOL

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:263 mg/kg	ARPMAS 317,63,83

UA5793000 2-PROPANOL, 1-AMINO-3-(CYCLOOCTYLOXY)-
UPDT:8408 MW: 201.35 MOLFM: C11-H23-N-O2
SYN: 1-AMINO-3-(CYCLOOCTYLOXY)-2-PROPANOL * 1-CYCLOOCTYLOXY-3-AMINO-2-PROPANOL

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:100 mg/kg	ARPMAS 317,63,84

UA5794000 2-PROPANOL, 1-AMINO-3-(CYCLOPENTYLOXY)-
UPDT:8408 MW: 159.26 MOLFM: C8-H17-N-O2
SYN: 1-AMINO-3-(CYCLOPENTYLOXY)-2-PROPANOL * 1-CYCLOPENTYLOXY-3-AMINO-2-PROPANOL

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:250 mg/kg	ARPMAS 317,63,84

UA5950000 1-PROPANOL, 2-AMINO-2-METHYL-
UPDT:8305 CAS: 124-68-5 MW: 89.16 MOLFM: C4-H11-N-O
SYN: 2-AMINODIMETHYLETHANOL * beta-AMINOISOBUTANOL * 2-AMINO-2-METHYLPROPANOL * 2-AMINO-2-METHYLPROPAN-1-OL * 2-AMINO-2-METHYL-1-PROPANOL * AMP * AMP-95 * ISOBUTANOLAMINE * ISOBUTANOL-2-AMINE

TOXICITY DATA AND REFERENCES:

	orl-rbt LDLo:1000 mg/kg	JIHTAB 22,315,40

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1-PROPANOL, 2-AMINO-2-METHYL-, compd. with THEOPHYLLINE (1:1) see: XH4375000
1-PROPANOL, 2-AMINO-1-PHENYL- see: RC2275000
2-PROPANOL, 1-((2-((3-AMINOPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, HYDROCHLORIDE (10CI) see: UA5778000
2-PROPANOL, 1-AMINO-3-(PHOSPHONOTHIO)-, MONOSODIUM SALT (9CI) see: TE6487000

UA7250250 2-PROPANOL, 1-((2-ANILINOETHYL)AMINO)-3-(p-NITROPHENOXY)-, MONOHYDROCHLORIDE
UPDT:8405 CAS: 76210-96-3 MW: 367.87 MOLFM: C17-H21-N3-O4 Cl-H
SYN: 1-((2-ANILINOETHYL)AMINO)-3-(p-NITROPHENOXY)-2-PROPANOL HYDROCHLORIDE * 2-PROPANOL, 1-(4-NITROPHENOXY)-3-((2-(PHENYLAMINO)ETHYL)AMINO)-, MONOHYDROCHLORIDE (10CI)

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:69 mg/kg	PHARAT 38,409,83

UA7250300 2-PROPANOL, 1-((2-ANILINOETHYL)AMINO)-3-PHENOXY-, DIHYDROCHLORIDE
UPDT:8405 CAS: 71319-66-9 MW: 359.33 MOLFM: C17-H22-N2-O2 2Cl-H
SYN: 1-((2-ANILINOETHYL)AMINO)-3-PHENOXY-2-PROPANOL DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:16 mg/kg	PHARAT 38,409,83

UA7250350 2-PROPANOL, 1-ANILINO-3-((5-((3-INDOLYLMETHYL)AMINO)-2-THIADIAZOLYL)THIO)-
UPDT:8405 MW: 411.58 MOLFM: C20-H21-N5-O-S2
SYN: 1-ANILINO-3-((5-((3-INDOLYLMETHYL)AMINO)-2-THIADIAZOLYL)THIO)-2-PROPANOL

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:750 mg/kg	ARPMAS 316,493,83

UA7250600 2-PROPANOL, 1-(o-ANISIDINO)-3-((5-((2-INDOLYLMETHYL)AMINO)-2-THIADIAZOLYL)THIO)-
UPDT:8405 MW: 441.61 MOLFM: C21-H23-N5-O2-S2
SYN: 1-(o-ANISIDINO)-3-((5-((2-INDOLYLMETHYL)AMINO)-2-THIADIAZOLYL)THIO)-2-PROPANOL

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:750 mg/kg	ARPMAS 316,493,83

UA7280000 2-PROPANOL, 1-BENZYLAMINO-3-((1,2,3-TRIMETHYL-1H-INDOL-4-YL)OXY)-, MONOHYDROCHLORIDE
UPDT:8405 CAS: 76410-34-9 MW: 374.95 MOLFM: C21-H26-N2-O2 Cl-H
SYN: 1-BENZYLAMINO-3-((1,2,3-TRIMETHYL-1H-INDOL-4-YL)OXY)-2-PROPANOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:21 mg/kg	PCJOAU 14,794,80

UA7371000 2-PROPANOL, 1,3-BIS((2-HYDROXYETHYL)AMINO)-
UPDT:8408 MW: 178.27 MOLFM: C7-H18-N2-O3
SYN: 1,3-BIS((2-HYDROXYETHYL)AMINO)-2-PROPANOL * DIETHANOLDIAMINOISOPROPANOL

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:7200 mg/kg	85GMAT -,49,82
*	ivn-rat LD50:830 mg/kg	85GMAT -,49,82

UA7373000 2-PROPANOL, 1,3-BIS(ISOPROPOXY)-
UPDT:8305 MW: 176.29 MOLFM: C9-H20-O3
SYN: 1,3-BIS(ISOPROPOXY)-2-PROPANOL * alpha,gamma-DIISOPROPYL GLYCEROL ETHER

TOXICITY DATA AND REFERENCES:

3C08F05J25	orl-mus LD50:1860 mg/kg	FEPRA7 8,477,49

UA7377000 2-PROPANOL, 1-(BIS(2-METHYLPROPYL)AMINO)-3-(DIMETHYLAMINO)-, BENZOATE (ester), DIHYDROCHLORIDE
UPDT:8408 CAS: 51734-36-2 MW: 407.48 MOLFM: C20-H34-N2-O2 2Cl-H
SYN: 1-(BIS(ISOBUTYLAMINO))-3-(DIMETHYLAMINO)-2-PROPANOL BENZOATE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	scu-mus LDLo:200 mg/kg	YKKZAJ 94,126,74

UA7380000 PROPANOL, 2,2-BIS(PIPERIDINOMETHYL)-3-PIPERIDINO-
UPDT:8407 MW: 337.62 MOLFM: C20-H39-N3-O
SYN: 2,2-BIS(PIPERIDINOMETHYL)-3-PIPERIDINO-1-PROPANOL

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:18 mg/kg	CSLNX* NX#07443

UA7495000 1-PROPANOL, 3-(3-BUTENYLNITROSAMINO)-
UPDT:8402 MW: 158.23 MOLFM: C7-H14-N2-O2
SYN: BUTENYL(3-HYDROXYPROPYL)NITROSAMINE * 3-(3-BUTENYLNITROSAMINO)-1-PROPANOL

TUMORIGENIC DATA AND REFERENCES:

3V01K61N61	scu-ham TDLo:22800 mg/kg/76W-I	CDPRD4 4,79,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UA7510000 PROPANOL, BUTOXY- (mixed isomers)
UPDT:8307 CAS: 63716-40-5 MW: 132.23 MOLFM: C7-H16-O2
SYN: n-BUTOXYPROPANOL (mixed isomer)

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg open MLD	UCDS** 10/13/64
	eye-rbt 15 mg SEV	UCDS** 10/13/64

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2830 mg/kg	UCDS** 10/13/64
*	skn-rbt LD50:3560 mg/kg	TXAPA9 28,313,74

UA7525000 1-PROPANOL, 3-BUTOXY-
UPDT:8307 CAS: 10215-33-5 MW: 132.23 MOLFM: C7-H16-O2
SYN: 3-BUTOXY-1-PROPANOL * PROPYLENE GLYCOL MONO-n-BUTYL ETHER

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg open MLD	UCDS** 7/28/66
	eye-rbt 15 mg SEV	UCDS** 7/28/66

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:5950 mg/kg	AIHAAP 30,470,69
*	ivn-mus LD50:320 mg/kg	CSLNX* NX#02921
	skn-rbt LD50:1590 mg/kg	AIHAAP 30,470,69

UA7800000 2-PROPANOL, 1-BUTOXY-3-(DIBUTYLAMINO)-, BENZOATE (ester), HYDROCHLORIDE
UPDT:8408 CAS: 51734-49-7 MW: 400.06 MOLFM: C22-H37-N-O3 Cl-H
SYN: 1-BUTOXY-3-(DIBUTYLAMINO)-2-PROPANOL BENZOATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	scu-mus LDLo:150 mg/kg	YKKZAJ 94,126,74

UA7810000 2-PROPANOL, 1-BUTOXY-3-(DIBUTYLAMINO)-, HYDROCHLORIDE
UPDT:8408 CAS: 51733-97-2 MW: 295.95 MOLFM: C15-H33-N-O2 Cl-H
SYN: 1-BUTOXY-3-(DIBUTYLAMINO)-2-PROPANOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	scu-mus LDLo:200 mg/kg	YKKZAJ 94,126,74

UA7875000 1-PROPANOL, 3-(2-BUTOXYETHOXY)-
UPDT:8407 CAS: 10043-18-2 MW: 176.29 MOLFM: C9-H20-O3
SYN: 3-(2-BUTOXYETHOXY)PROPANOL

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open MLD	AMIHBC 10,61,54
	eye-rbt 20 mg open SEV	AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:5160 mg/kg	AMIHBC 10,61,54
*	skn-rbt LD50:3000 mg/kg	AMIHBC 10,61,54

UA8050000 2-PROPANOL, 1-(2-BUTOXYETHOXY)-
UPDT:8307 CAS: 124-16-3 MW: 176.29 MOLFM: C9-H20-O3
SYN: 1-BUTOXYETHOXY-2-PROPANOL * 1-(2-BUTOXYETHOXY)-2-PROPANOL

IRRITATION DATA AND REFERENCES:

	skn-rbt 485 mg open MLD	UCDS** 12/29/71

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4000 mg/kg AIHAAP 30,470,69
skn-rbt LD50:2830 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UA8400000 2-PROPANOL, 1-n-BUTOXY-3-PHENOXY-
UPDT 8403 CAS: 3102-00-9 MW: 224.33 MOLFM: C13-H20-O3
SYN: (3-n-BUTOXY-2-HYDROXYPROPYL)PHENYL ETHER * 1-BUTOXY-3-PHENOXY-2-PROPANOL * 3-n-BUTOXY-1-PHENOXY-2-PROPANOL * FEBUPROL * H-33 * K-10033 * VALBIL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2370 mg/kg DRFUD4 3,191,78
ipr-rat LD50:400 mg/kg DRFUD4 3,191,78
orl-mus LD50:3050 mg/kg DRFUD4 3,191,78
ipr-mus LD50:436 mg/kg DRFUD4 3,191,78
orl-dog LD50:500 mg/kg DRFUD4 3,191,78
ivn-dog LD50:150 mg/kg DRFUD4 3,191,78

2-PROPANOL, 3-(tert-BUTYLAMINO)-1-(m-CYANOPHENOXY)- see: DI2530000

UA8457000 2-PROPANOL, 1-(tert-BUTYLAMINO)-3-(2-(1,3-DIOXAN-2-YL)PHENOXY)-, MALEATE
UPDT 8407 MW: 425.53 MOLFM: C17-H27-N-O4 C4-H4-O4
SYN: 1-tert-BUTYLAMINO-3-(o-(1,3-DIOXAN-2-YL)PHENOXY)-2-PROPANOL MALEATE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:95 mg/kg ARPMAS 311,131,78

UA8467000 1-PROPANOL, 2-(BUTYLAMINO)-2-METHYL-, BENZOATE (ester), HYDROCHLORIDE
UPDT 8303 MW: 285.85 MOLFM: C15-H23-N-O2 Cl-H
SYN: 2-(BUTYLAMINO)-2-METHYL-1-PROPANOL BENZOATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J26 ipr-mus LD50:230 mg/kg AIPTAK 115,483,58
3F12F13J26 scu-mus LD50:305 mg/kg AIPTAK 115,483,58
3F12F13J26 ivn-mus LD50:21 mg/kg AIPTAK 115,483,58

UA8470000 2-PROPANOL, 1-(tert-BUTYLAMINO)-3-(3-METHYL-2-NITROPHENOXY)-
UPDT 8401 MW: 270.37 MOLFM: C13-H22-N2-O4
SYN: DL-1-(2-NITRO-3-METHYL-PHENOXY)-3-tert-BUTYLAMINO-PROPAN-2-OL * ZAMI 1305
MUTATION DATA AND REFERENCES:
mma-sat 4 mg/plate TOLED5 5,109,80
dnd-rat-ipr 75 mg/kg JJIND8 70,747,83
dnd-rat:lvr 10 mmol/L JJIND8 70,747,83
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:9 gm/kg/26W-C JJIND8 68,669,82
3V01J60L60 orl-rat TD :18 gm/kg/26W-C JJIND8 68,669,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UA8472000 2-PROPANOL, 1-(tert-BUTYLAMINO)-3-(5-METHYL-3-THIENYLOXY)-
UPDT 8308 MW: 243.40 MOLFM: C12-H21-N-O2-S
SYN: 1-(tert-BUTYLAMINO)-3-(5-METHYL-3-THIENYLOXY)-2-PROPANOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg EJMCA5 18,151,83
* ivn-mus LD50:39 mg/kg EJMCA5 18,151,83

UA8475000 2-PROPANOL, 1-(tert-BUTYLAMINO)-3-((4-MORPHOLINO-1,2,5-THIADIAZOL-3-YL)OXY)-, (-)-, MALEATE (1:1) (SALT)
UPDT 8402 CAS: 26921-17-5 MW: 432.55 MOLFM: C13-H24-N4-O3-S C4-H4-O4
SYN: (-)-1-(tert-BUTYLAMINO)-3-((4-MORPHOLINO-1,2,5-THIADIAZOL-3-YL)OXY)-2-PROPANOL MALEATE * MK 950 * TIMACOR * TIMOLOL MALEATE * l-TIMOLOL MALEATE * TIMOPTOL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1028 mg/kg NIIRDN 6,464,82
* ipr-rat LD50:381 mg/kg NIIRDN 6,464,82
* scu-rat LD50:881 mg/kg NIIRDN 6,464,82
* orl-mus LD50:1137 mg/kg IYKEDH 12,1204,81
* ipr-mus LD50:300 mg/kg IYKEDH 12,1204,81
* scu-mus LD50:805 mg/kg IYKEDH 12,1204,81

UA8485000 2-PROPANOL, 3-(tert-BUTYLAMINO)-1-(2-NITRO-5-METHYLPHENOXY)-, DL-
UPDT 8308 MW: 281.37 MOLFM: C14-H21-N2-O4
SYN: DL-3-(tert-BUTYLAMINO)-1-(2-NITRO-5-METHYLPHENOXY)-2-PROPANOL * DL-1-(2-NITRO-5-METHYLPHENOXY)-3-tert-BUTYLAMINO-PROPAN-2-OL * ZAMI 1327
MUTATION DATA AND REFERENCES:
dnd-rat:lvr 10 mmol/L JJIND8 70,747,83

UA8500000 2-PROPANOL, 1-(tert-BUTYLAMINO)-3-(o-((TETRAHYDROFURFURYL)OXY)PHENOXY)-, HYDROCHLORIDE
UPDT 8408 CAS: 35108-88-4 MW: 359.94 MOLFM: C18-H29-N-O4 Cl-H
SYN: ADOBIOL * BUFETOLOL HYDROCHLORIDE * 1-(tert-BUTYLAMINO)-3-(o-((TETRAHYDROFURFURYL)OXY)PHENOXY)-2-PROPANOL HYDROCHLORIDE * Y 6124
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T72 orl-rat TDLo:300 mg/kg (9-14D preg) OYYAA2 6,1267,72
1T12 orl-rat TDLo:4200 mg/kg (24W pre) OYYAA2 6,485,72
2T35T72 orl-mus TDLo:60 mg/kg (7-12D preg) OYYAA2 6,1267,72
2T46T76 orl-mus TDLo:300 mg/kg (7-12D preg) OYYAA2 6,1267,72
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1088 mg/kg NIIRDN 6,681,82
* scu-rat LD50:1814 mg/kg NIIRDN 6,681,82
* ivn-rat LD50:59400 ug/kg NIIRDN 6,681,82
* orl-mus LD50:402 mg/kg NIIRDN 6,681,82
* scu-mus LD50:501 mg/kg NIIRDN 6,681,82
* ivn-mus LD50:50300 ug/kg NIIRDN 6,681,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UA8505200 2-PROPANOL, 1-(tert-BUTYLAMINO)-3-(2-THIENYLOXY)-
UPDT 8308 MW: 229.37 MOLFM: C11-H19-N-O2-S
SYN: 1-(tert-BUTYLAMINO)-3-(2-THIENYLOXY)-2-PROPANOL
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:50 mg/kg EJMCA5 18,151,83

UA8505300 2-PROPANOL, 1-(tert-BUTYLAMINO)-3-(3-THIENYLOXY)-
UPDT 8308 MW: 229.37 MOLFM: C11-H19-N-O2-S
SYN: 1-(tert-BUTYLAMINO)-3-(3-THIENYLOXY)-2-PROPANOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:145 mg/kg EJMCA5 18,151,83
* ivn-mus LD50:45 mg/kg EJMCA5 18,151,83

UA8530000 2-PROPANOL, 1-(BUTYL(2-MORPHOLINOETHYL)AMINO)-3-(o-CHLOROPHENOXY)-, DIHYDROCHLORIDE
UPDT 8408 CAS: 22820-21-9 MW: 443.89 MOLFM: C19-H31-Cl-N2-O3 2Cl-H
SYN: 1-(BUTYL(2-MORPHOLINOETHYL)AMINO)-3-(o-CHLOROPHENOXY)-2-PROPANOL DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:206 mg/kg YKKZAJ 89,194,69
* ivn-mus LD50:30500 ug/kg YKKZAJ 89,194,69

UA8540000 2-PROPANOL, 1-(BUTYL(2-MORPHOLINOETHYL)AMINO)-3-(2,4-DICHLOROPHENOXY)-, DIHYDROCHLORIDE
UPDT 8408 CAS: 21282-39-3 MW: 478.33 MOLFM: C19-H30-Cl2-N2-O3 2Cl-H
SYN: 1-(BUTYL(2-MORPHOLINOETHYL)AMINO)-3-(2,4-DICHLOROPHENOXY)-2-PROPANOL DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:196 mg/kg YKKZAJ 89,194,69
* ivn-mus LD50:55 mg/kg YKKZAJ 89,194,69

2-PROPANOL, 1-(p-t-BUTYLPHENOXY)-, 2-CHLOROETHYL SULFITE see: WT2975000

UA8580000 2-PROPANOL, 1-(BUTYL(2-PIPERIDINOETHYL)AMINO)-3-(o-CHLOROPHENOXY)-, DIHYDROCHLORIDE
UPDT 8408 CAS: 22820-23-1 MW: 441.92 MOLFM: C20-H33-Cl-N2-O2 2Cl-H
SYN: 1-(BUTYL(2-PIPERIDINOETHYL)AMINO)-3-(o-CHLOROPHENOXY)-2-PROPANOL DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:196 mg/kg YKKZAJ 89,194,69
* ivn-mus LD50:23 mg/kg YKKZAJ 89,194,69

UA8585000 2-PROPANOL, 1-(BUTYL(2-PIPERIDINOETHYL)AMINO)-3-(2,4-DICHLOROPHENOXY)-, DIHYDROCHLORIDE
UPDT 8408 CAS: 22820-35-5 MW: 476.36 MOLFM: C20-H32-Cl2-N2-O2 2Cl-H
SYN: 1-(BUTYL(2-PIPERIDINOETHYL)AMINO)-3-(2,4-DICHLOROPHENOXY)2-PROPANOL DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:195 mg/kg YKKZAJ 89,194,69
* ivn-mus LD50:48500 ug/kg YKKZAJ 89,194,69

UA8596000 2-PROPANOL, 1-(BUTYLTHIO)-3-(DIBUTYLAMINO)-, BENZOATE (ester), HYDROCHLORIDE
UPDT 8408 CAS: 51734-64-6 MW: 430.13 MOLFM: C22-H37-N2-O2-S Cl-H
SYN: 1-(BUTYLTHIO)-3-(DIBUTYLAMINO)-2-PROPANOL BENZOATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:150 mg/kg YKKZAJ 94,126,74

UA8600000 2-PROPANOL, 1,1'-(2-BUTYNYLENEDIOXY)BIS(3-CHLORO-
UPDT 8401 CAS: 1606-83-3 MW: 271.16 MOLFM: C10-H16-Cl2-O4
SYN: 1,1'-(2-BUTYNYLENEDIOXY)BIS(3-CHLORO-2-PROPANOL) * U 27,151
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-rat TDLo:960 mg/kg (8D male) JRPFA4 21,263,70
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UA8925000 1-PROPANOL, 2-CHLORO-
UPDT 8412 CAS: 78-89-7 MW: 94.55 MOLFM: C3-H7-Cl-O
SYN: 2-CHLORO-1-PROPANOL * 2-CHLOROPROPYL ALCOHOL * PROPYLENECHLOROHYDRIN * PROPYLENE CHLOROHYDRIN (DOT) * UN 2611 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 7/23/71
eye-rbt 2230 ug SEV AJOPAA 29,1363,46
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:243 mg/kg AIHAAP 30,470,69
ihl-rat LCLo:500 ppm/4H AIHAAP 30,470,69
orl-dog LDLo:200 mg/kg FAONAU 53A,359,74
* skn-rbt LD50:529 mg/kg AIHAAP 30,470,69
orl-gpg LD50:720 mg/kg JIHTAB 23,259,41
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UA8930000 1-PROPANOL, 3-CHLORO-
UPDT 8312 CAS: 627-30-5 MW: 94.55 MOLFM: C3-H7-Cl-O
SYN: 3-CHLOROPROPANOL * 3-CHLOROPROPANOL-1 (DOT) * TRIMETHYLENE CHLOROHYDRIN * UN 2849 (DOT)
MUTATION DATA AND REFERENCES:
mma-sat 10 umol/plate MUREAV 66,373,79
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UA8942000 2-PROPANOL, 1-CHLORO-
UPDT 8412 CAS: 127-00-4 MW: 94.55 MOLFM: C3-H7-Cl-O
SYN: 1-CHLORO-2-PROPANOL
MUTATION DATA AND REFERENCES:
mma-sat 2200 ug/plate MUREAV 57,381,78
mma-sat 2200 ug/plate MUREAV 57,381,78
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

UA8945000 2-PROPANOL, 1-((2-(o-CHLOROANILINO)ETHYL)AMINO)-3-PHENOXY-, MONOHYDROCHLORIDE
UPDT 8405 CAS: 71314-09-5 MW: 357.31 MOLFM: C17-H21-Cl-N2-O2 Cl-H
SYN: 1-((2-(o-CHLOROANILINO)ETHYL)AMINO)-3-PHENOXY-2-PROPANOL HYDROCHLORIDE * 2-PROPANOL, 1-((2-((2-CHLOROPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, MONOHYDROCHLORIDE (10CI)
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:21 mg/kg PHARAT 38,409,83

UA8981000 2-PROPANOL, 1-CHLORO-, mixed with 2-CHLORO-1-PROPANOL (4:1)
UPDT 8306 MW: 472.75 MOLFM: C3-H7-Cl-O 4C3-H7-Cl-O
SYN: 1-CHLORO-2-PROPANOL mixed with 2-CHLORO-1-PROPANOL (4:1) * 2-CHLORO-1-PROPANOL mixed with 1-CHLORO-2-PROPANOL (1:4)
MUTATION DATA AND REFERENCES:
mma-sat 527 ug/plate FAATDF 3,27,83
mma-sat 527 ug/plate FAATDF 3,27,83
cyt-rat-orl 10 mg/kg FAATDF 3,27,83
mma-mus:lym 80 mg/L FAATDF 3,27,83
msc-mus:lym 5735 mg/L FAATDF 3,27,83

UA9020000 2-PROPANOL, 1-CHLORO-3-FLUORO-, mixt. with 1,3-DIFLUORO-2-PROPANOL
UPDT 8408 CAS: 8065-71-2 MW: 208.63 MOLFM: C3-H6-Cl-F-O C3-H6-F2-O
SYN: GLIFTOR
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:96 mg/kg 85GMAT -,71,82
* ihl-rat LC50:580 mg/m3/4H 85GMAT -,71,82
* skn-rat LD50:66 mg/kg 85GMAT -,71,82
* orl-mus LD50:165 mg/kg 85GMAT -,71,82
* ihl-mus LC50:1260 mg/m3/2H 85GMAT -,71,82
* orl-rbt LD50:7600 ug/kg 85GMAT -,71,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UA9050000 2-PROPANOL, 1-CHLORO-3-(2-HYDROXYETHYL)-
UPDT 8305 CAS: 18371-74-9 MW: 154.61 MOLFM: C5-H11-Cl-O3
SYN: 1-CHLORO-3-(2-HYDROXYETHYL)-2-PROPANOL * U 27,967
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-rat TDLo:960 mg/kg (8D male) JRPFA4 21,263,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UA9101000 2-PROPANOL, 1-CHLORO-3-ISOPROPOXY-
UPDT 8401 CAS: 4288-84-0 MW: 152.64 MOLFM: C6-H13-Cl-O2
SYN: 1-CHLORO-3-ISOPROPOXY-2-PROPANOL * 1-CHLORO-3-(PENTYLOXY)-2-PROPANOL * U 25,352
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-rat TDLo:960 mg/kg (8D male) JRPFA4 21,263,70

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UA9120000 2-PROPANOL, 1-((6-CHLORO-2-METHOXY-9-ACRIDINYL)AMINO)-3-(DIETHYLAMINO)-, DIHYDROCHLORIDE
UPDT:8403 CAS: 1684-42-0 MW: 460.87 MOLFM: C21-H26-Cl-N3-O2 2Cl-H
SYN: ACRANIL * ACRANIL DIHYDROCHLORIDE * ACRANIL HYDROCHLORIDE * 1-((6-CHLORO-2-METHOXY-9-ACRIDYL)-AMINO)-3-(DIETHYLAMINO)-2-PROPANOL DIHYDROCHLORIDE * 5-((gamma-DIETHYLAMINO-beta-HYDROXYPROPYL)AMINO)-3-METHOXY-8-CHLOROACRIDINE DIHYDROCHLORIDE * SKF 16214-A2 * SN 186
MUTATION DATA AND REFERENCES:
mnt-mus-ipr 140 umol/kg MUREAV 26,553,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

2-PROPANOL, 1-((2-((3-CHLORO-2-METHYLPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, HCl (10CI) see: UA9459000

UA9170000 2-PROPANOL, 1-CHLORO-3-(PENTYLOXY)-
UPDT:8305 CAS: 25401-93-8 MW: 180.70 MOLFM: C8-H17-Cl-O2
SYN: 1-CHLORO-3-(PENTYLOXY)-2-PROPANOL * U 25,936
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-rat TDLo:960 mg/kg (8D male) JRPFA4 21,263,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UA9180000 2-PROPANOL, 1-(o-CHLOROPHENOXY)-3-(ETHYL(2-MORPHOLINOETHYL)AMINO)-, DIHYDROCHLORIDE
UPDT:8408 CAS: 22820-19-5 MW: 415.83 MOLFM: C17-H27-Cl-N2-O3 2Cl-H
SYN: 1-(o-CHLOROPHENOXY)-3-(ETHYL(2-MORPHOLINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:225 mg/kg YKKZAJ 89,194,69
* ivn-mus LD50:81 mg/kg YKKZAJ 89,194,69

UA9310000 2-PROPANOL, 1-(o-CHLOROPHENOXY)-3-(ISOPROPYL(2-MORPHOLINOETHYL)AMINO)-, DIHYDROCHLORIDE
UPDT:8408 CAS: 22820-20-8 MW: 429.86 MOLFM: C18-H29-Cl-N2-O3 2Cl-H
SYN: 1-(o-CHLOROPHENOXY)-3-(ISOPROPYL(2-MORPHOLINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:208 mg/kg YKKZAJ 89,194,69
* ivn-mus LD50:77 mg/kg YKKZAJ 89,194,69

UA9311000 2-PROPANOL, 1-(o-CHLOROPHENOXY)-3-(METHYL(2-MORPHOLINOETHYL)AMINO)-, DIHYDROCHLORIDE
UPDT:8408 CAS: 21269-35-2 MW: 401.80 MOLFM: C16-H25-Cl-N2-O3 2Cl-H
SYN: 1-(o-CHLOROPHENOXY)-3-(METHYL(2-MORPHOLINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:230 mg/kg YKKZAJ 89,194,69
* ivn-mus LD50:87 mg/kg YKKZAJ 89,194,69

UA9312000 2-PROPANOL, 1-(p-CHLOROPHENOXY)-3-((2-MORPHOLINOETHYL)PROPYLAMINO)-, DIHYDROCHLORIDE
UPDT:8408 CAS: 22820-24-2 MW: 429.86 MOLFM: C18-H29-Cl-N2-O3 2Cl-H
SYN: 1-(p-CHLOROPHENOXY)-3-((2-MORPHOLINOETHYL)PROPYLAMINO)-2-PROPANOL DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:210 mg/kg YKKZAJ 89,194,69
* ivn-mus LD50:87 mg/kg YKKZAJ 89,194,69

UA9353000 2-PROPANOL, 1-(o-CHLOROPHENOXY)-3-((2-PIPERIDINOETHYL)PROPYLAMINO)-, DIHYDROCHLORIDE
UPDT:8408 CAS: 22820-22-0 MW: 443.89 MOLFM: C19-H31-Cl-N2-O3 2Cl-H
SYN: 1-(o-CHLOROPHENOXY)-3-((2-PIPERIDINOETHYL)PROPYLAMINO)-2-PROPANOL DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:198 mg/kg YKKZAJ 89,194,69
* ivn-mus LD50:65800 ug/kg YKKZAJ 89,194,69

2-PROPANOL, 1-((2-((2-CHLOROPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, MONOHYDROCHLORIDE (10CI) see: UA8945000

UA9454000 2-PROPANOL, 1-((o-CHLOROPHENYL)THIO)-3-(ISOBUTYL(2-MORPHOLINOETHYL)AMINO)-, DIHYDROCHLORIDE
UPDT:8408 CAS: 22820-26-4 MW: 459.95 MOLFM: C19-H31-Cl-N2-O2-S 2Cl-H
SYN: 1-((o-CHLOROPHENYL)THIO)-3-(ISOBUTYL(2-MORPHOLINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:203 mg/kg YKKZAJ 89,194,69
* ivn-mus LD50:43 mg/kg YKKZAJ 89,194,69

UA9454200 2-PROPANOL, 1-((p-CHLOROPHENYL)THIO)-3-(ISOPROPYL(2-MORPHOLINOETHYL)AMINO)-, DIHYDROCHLORIDE
UPDT:8408 CAS: 22820-25-3 MW: 445.92 MOLFM: C18-H29-Cl-N2-O2-S 2Cl-H
SYN: 1-((p-CHLOROPHENYL)THIO)-3-(ISOPROPYL(2-MORPHOLINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:205 mg/kg YKKZAJ 89,194,69
* ivn-mus LD50:67 mg/kg YKKZAJ 89,194,69

UA9457000 1-PROPANOL, 2-CHLORO-, PHOSPHATE (3:1), mixed with 1-CHLORO-2-PROPANOL PHOSPHATE (3:1)
UPDT:8305 MW: 327.59 MOLFM: C9-H18-Cl3-O4-P
SYN: TRIS(CHLOROPROPYL)PHOSPHATE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate MUREAV 66,373,79
TOXICITY DATA AND REFERENCES:
2F11F12 orl-rat LD50:1500 mg/kg OYYAA2 24,697,82

UA9459000 2-PROPANOL, 1-((2-(3-CHLORO-o-TOLUIDINO)ETHYL)AMINO)-3-PHENOXY-, MONOHYDROCHLORIDE
UPDT:8405 CAS: 71314-19-7 MW: 371.34 MOLFM: C18-H23-Cl-N2-O2 Cl-H
SYN: 1-((2-(3-CHLORO-o-TOLUIDINO)ETHYL)AMINO)-3-PHENOXY-2-PROPANOL HYDROCHLORIDE * 2-PROPANOL, 1-((2-((3-CHLORO-2-METHYLPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, HCl (10CI)
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:18 mg/kg PHARAT 38,409,83

UA9465000 2-PROPANOL, 1-(4-(2-(CYCLOBUTYLMETHOXY)ETHYL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-
UPDT:8408 CAS: 63659-34-7 MW: 321.51 MOLFM: C19-H31-N-O3
SYN: 1-(4-(2-(CYCLOBUTYLMETHOXY)ETHYL)PHENOXY)-3-ISOPROPYLAMINOPROPAN-2-OL * SL-D 254
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:658 mg/kg USXXAM #4252984
* ivn-mus LD50:28 mg/kg USXXAM #4252984

UA9465100 2-PROPANOL, 1-(4-(2-(CYCLOBUTYLMETHOXY)ETHYL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE
UPDT:8408 CAS: 63659-35-8 MW: 357.97 MOLFM: C19-H31-N-O3 Cl-H
SYN: 1-(4-(2-(CYCLOBUTYLMETHOXY)ETHYL)PHENOXY)-3-ISOPROPYLAMINOPROPAN-2-OL HYDROCHLORIDE * SL-E 020
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:658 mg/kg USXXAM #4252984
* ivn-mus LD50:28 mg/kg USXXAM #4252984

UA9500000 2-PROPANOL, 1-(2-(1-CYCLOHEXEN-1-YL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE
UPDT:8412 CAS: 59333-90-3 MW: 327.94 MOLFM: C18-H29-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1850 mg/kg ARZNAD 26,506,76
* ipr-rat LD50:54 mg/kg ARZNAD 26,506,76
* orl-mus LD50:860 mg/kg ARZNAD 26,506,76
* ipr-mus LD50:78 mg/kg ARZNAD 26,506,76

UA9800000 2-PROPANOL, 1-(CYCLOHEXYLAMINO)-, BENZOATE (ESTER), HYDROCHLORIDE
UPDT:8412 CAS: 532-76-3 MW: 297.86 MOLFM: C16-H23-N-O2 Cl-H
SYN: BENZOIC ACID, (2-(CYCLOHEXYLAMINO)-1-METHYL)ETHYL ESTER, HYDROCHLORIDE * CYCLAINE * CYCLAINE HYDROCHLORIDE * 1-(CYCLOHEXYLAMINO)-2-PROPANOL BENZOATE (ESTER) HYDROCHLORIDE * D 109 * HEXYLCAINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1080 mg/kg 29ZVAB -,57,69
scu-mus LD50:1080 mg/kg CLDND*
* ivn-mus LD50:23 mg/kg OYYAA2 5,683,71
scu-rbt LD50:164 mg/kg CLDND*
ivn-rbt LD50:14 mg/kg 29ZVAB -,57,69

UA9801700 2-PROPANOL, 1-(CYCLOHEXYLAMINO)-3-((1,2-DIPHENYL-1H-INDOL-4-YL)OXY)-, MONOHYDROCHLORIDE
UPDT:8405 CAS: 76410-38-3 MW: 477.09 MOLFM: C29-H32-N2-O2 Cl-H
SYN: 1-(CYCLOHEXYLAMINO)-3-((1,2-DIPHENYL-1H-INDOL-4-YL)OXY)-2-PROPANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

UA9801900 2-PROPANOL, 1-(CYCLOHEXYLAMINO)-3-((2-(4-METHOXYPHENYL)-1-PHENYL-1H-INDOL-4-YL)OXY)-, MONOHYDROCHLORIDE
UPDT:8405 CAS: 76423-55-7 MW: 507.12 MOLFM: C30-H34-N2-O3 Cl-H
SYN: 1-(CYCLOHEXYLAMINO)-3-((2-(4-METHOXYPHENYL)-1-PHENYL-1H-INDOL-4-YL)OXY)-2-PROPANOL HCl
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

UA9808000 2-PROPANOL, 1-(CYCLOHEXYLAMINO)-3-((1,2,3-TRIMETHYL-1H-INDOL-4-YL)OXY)-, MONOHYDROCHLORIDE
UPDT:8405 CAS: 76410-33-8 MW: 365.97 MOLFM: C20-H29-N2-O2 Cl-H
SYN: 1-(CYCLOHEXYLAMINO)-3-((1,2,3-TRIMETHYL-1H-INDOL-4-YL)OXY)-2-PROPANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

UA9812050 2-PROPANOL, 1,1'-((1,4-CYCLOHEXYLENE)BIS(METHYLENEOXY))BIS(3-CHLORO-
UPDT:8305 MW: 329.30 MOLFM: C14-H26-Cl2-O4
SYN: 1,1'-((1,4-CYCLOHEXYLENE)BIS(METHYLENEOXY))BIS(3-CHLOROPROPANOL) * U 27,873
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-rat TDLo:960 mg/kg (8D male) JRPFA4 21,263,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UA9812150 2-PROPANOL, 1-(4-(2-(CYCLOHEXYLMETHOXY)ETHYL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE
UPDT:8408 CAS: 63659-41-6 MW: 386.03 MOLFM: C21-H35-N-O3 Cl-H
SYN: 1-(4-(2-(CYCLOHEXYLMETHOXY)ETHYL)PHENOXY)-3-ISOPROPYLAMINOPROPAN-2-OL HYDROCHLORIDE * SL-D 268
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:35 mg/kg USXXAM #4252984

PROPANOL, 1-CYCLOHEXYL-1-PHENYL-3-PIPERIDINO-, METHYLIODIDE see: TN4724500

UA9816000 2-PROPANOL, 1-(4-(2-(CYCLOPENTYLMETHOXY)ETHYL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, (E)-2-BUTENEDIOATE (2:1) (salt)
UPDT:8409 CAS: 63686-85-1 MW: 787.16 MOLFM: C40-H66-N2-O6 C4-H4-O4
SYN: 1-(4-(2-(CYCLOPENTYLMETHOXY)ETHYL)PHENOXY)-3-ISOPROPYLAMINOPROPAN-2-OL FUMARATE * SL-D 291
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg USXXAM #4252984

UA9818000 2-PROPANOL, 1-CYCLOPENTYLOXY-3-(ISOPROPYLAMINO)-, MALEATE
UPDT:8407 MW: 317.43 MOLFM: C11-H23-N-O2 C4-H4-O4
SYN: 1-CYCLOPENTYLOXY-3-ISOPROPYLAMINO-2-PROPANOL MALEATE
TOXICITY DATA AND REFERENCES:
2E03E15 ipr-mus LD50:160 mg/kg ARPMAS 312,881,79

UA9821000 2-PROPANOL, 1-(4-(2-(CYCLOPROPYLMETHOXY)ETHOXY)PHENOXY)-3-((1,1-DIMETHYLETHYL)AMINO)-, (E)-2-BUTENEDIOATE (2:1) (salt)
UPDT:8408 CAS: 63659-14-3 MW: 791.10 MOLFM: C38-H62-N2-O8 C4-H4-O4
SYN: 1-(4-(2-(CYCLOPROPYLMETHOXY)ETHOXY)PHENOXY)-3-tert-BUTYLAMINOPROPAN-2-OL FUMARATE * SL-D 178
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:445 mg/kg USXXAM #4252984
* ivn-mus LD50:53 mg/kg USXXAM #4252984

UA9822000 2-PROPANOL, 1-(4-(2-(CYCLOPROPYLMETHOXY)ETHOXY)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE
UPDT:8408 CAS: 63686-79-3 MW: 359.94 MOLFM: C18-H29-N-O4 Cl-H
SYN: 1-(4-(2-(CYCLOPROPYLMETHOXY)ETHOXY)PHENOXY)-3-ISOPROPYLAMINOPROPAN-2-OL HYDROCHLORIDE * SL-D 177
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:610 mg/kg USXXAM #4252984
* ivn-mus LD50:76 mg/kg USXXAM #4252984

UA9823000 2-PROPANOL, 1-(4-(2-(CYCLOPROPYLMETHOXY)ETHYL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE
UPDT:8408 CAS: 63659-19-8 MW: 343.94 MOLFM: C18-H29-N-O3 Cl-H
SYN: BETAXOLOL HYDROCHLORIDE * 1-(4-(2-(CYCLOPROPYLMETHOXY)ETHYL)PHENOXY)-3-ISOPROPYLAMINOPROPAN-2-OL HYDROCHLORIDE * KERLONE * SL 75212 * SL-D 212
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:944 mg/kg USXXAM #4252984
* ivn-mus LD50:37 mg/kg USXXAM #4252984

UA9824000 2-PROPANOL, 1-(4-((CYCLOPROPYLMETHOXY)METHYL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-
UPDT:8408 CAS: 63659-22-3 MW: 293.45 MOLFM: C17-H27-N-O3
SYN: 1-(4-(CYCLOPROPYLMETHOXYMETHYL)PHENOXY)-3-ISOPROPYLAMINOPROPAN-2-OL * SL-D 224
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1400 mg/kg USXXAM #4252984
* ivn-mus LD50:88 mg/kg USXXAM #4252984

UA9825000 2-PROPANOL, 1-(4-(CYCLOPROPYLMETHOXY)PHENOXY)-3-((1,1-DIMETHYLETHYL)AMINO)-, HYDROCHLORIDE
UPDT:8408 CAS: 63659-29-0 MW: 329.91 MOLFM: C17-H27-N-O3 Cl-H
SYN: 1-(4-(CYCLOPROPYLMETHOXY)PHENOXY)-3-tert-BUTYLAMINOPROPAN-2-OL HYDROCHLORIDE * SL-D 231
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1200 mg/kg USXXAM #4252984
* ivn-mus LD50:36 mg/kg USXXAM #4252984

UA9826000 2-PROPANOL, 1-(4-(CYCLOPROPYLMETHOXY)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE
UPDT:8408 CAS: 63659-27-8 MW: 315.88 MOLFM: C16-H25-N-O3 Cl-H
SYN: 1-(4-(CYCLOPROPYLMETHOXY)PHENOXY)-3-ISOPROPYLAMINOPROPAN-2-OL HYDROCHLORIDE * SL-D 230
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:750 mg/kg USXXAM #4252984
* ivn-mus LD50:48 mg/kg USXXAM #4252984

UA9830100 2-PROPANOL, 1-(o-CYCLOPROPYLPHENOXY)-3-(ISOPROPYLAMINO), HYDROCHLORIDE
UPDT:8402 CAS: 27325-18-4 MW: 285.85 MOLFM: C15-H23-N-O2 Cl-H
SYN: 1-(o-CYCLOPROPYLPHENOXY)-3-(ISOPROPYLAMINO)-2-PROPANOL HYDROCHLORIDE * PROCINOLOL HYDROCHLORIDE * SD 2124-01 HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:382 mg/kg JMCMAR 13,971,70
* ipr-mus LD50:131 mg/kg JMCMAR 13,971,70
* ivn-mus LD50:32 mg/kg JMCMAR 13,971,70

UA9830130 2-PROPANOL, 1-(o-CYCLOPROPYLPHENOXY)-3-ISOPROPYLAMINO-, HYDROCHLORIDE, (+-)
UPDT:8402 CAS: 32752-13-9 MW: 285.85 MOLFM: C15-H23-N-O2 Cl-H
SYN: DL-1-(o-CYCLOPROPYLPHENOXY)-3-ISOPROPYLAMINO-2-PROPANOL HYDROCHLORIDE * (+-)-PROCINOLOL HYDROCHLORIDE * (+-)-SD 2124-01 HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:382 mg/kg EJPHAZ 15,151,71
* ipr-mus LD50:131 mg/kg EJPHAZ 15,151,71
* ivn-mus LD50:32 mg/kg EJPHAZ 15,151,71

UA9835000 2-PROPANOL, 1-(4-(3-CYCLOPROPYLPROPOXY)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE
UPDT:8408 CAS: 63659-45-0 MW: 343.94 MOLFM: C18-H29-N-O3 Cl-H
SYN: 1-(4-(CYCLOPROPYLPROPOXYPHENOXY)-3-ISOPROPYLAMINOPROPAN-2-OL HYDROCHLORIDE * 1-(4-(3-CYCLOPROPYLPROPOXY)PHENOXY)-3-((1-METHYLETHYL)AMINO)-2-PROPANOL HYDROCHLORIDE * SL-D.311
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:71 mg/kg USXXAM #4252984

UA9840000 2-PROPANOL, 1,1'-(DECAMETHYLENEDIOXY)BIS(3-CHLORO-
UPDT:8305 CAS: 24765-68-2 MW: 359.38 MOLFM: C16-H32-Cl2-O4
SYN: 1,1'-(DECAMETHYLENEDIOXY)BIS(3-CHLORO-2-PROPANOL) * U 27,045
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-rat TDLo:960 mg/kg (8D male) JRPFA4 21,263,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UB0175000 1-PROPANOL, 2,3-DIBROMO-
UPDT:8412 CAS: 96-13-9 MW: 217.91 MOLFM: C3-H6-Br2-O
SYN: 2,3-DIBROMOPROPANOL * 2,3-DIBROMO-1-PROPANOL * NCI-C55436 * USAF DO-42
MUTATION DATA AND REFERENCES:
mmo-sat 100 nL/plate MUREAV 57,381,78
mmo-sat 2 uL/plate MUREAV 57,381,78
msc-ham:lng 20 umol/L MUREAV 124,213,83
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:125 mg/kg NTIS** AD277-689
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1277-0023;8EHQ-0278-0068;8EHQ-0678-0187

UB0220000 1-PROPANOL, 2,3-DIBROMO-, DIHYDROGEN PHOSPHATE
UPDT:8311 CAS: 5324-12-9 MW: 297.89 MOLFM: C3-H7-Br2-O4-P
SYN: 2,3-DIBROMO-1-PROPANOL DIHYDROGEN PHOSPHATE * MONO(2,3-DIBROMOPROPYL)PHOSPHATE
MUTATION DATA AND REFERENCES:
mmo-sat 30 umol/plate MUREAV 117,1,83
mma-sat 1 umol/plate MUREAV 117,1,83

UB0222000 1-PROPANOL, 2,3-DIBROMO-, DIHYDROGEN PHOSPHATE, DIAMMONIUM SALT
UPDT:8311 MW: 331.97 MOLFM: C3-H5-Br2-O4-P 2N-H4
SYN: 2,3-DIBROMO-1-PROPANOL DIHYDROGEN PHOSPHATE DIAMMONIUM SALT * MONO(2,3-DIBROMOPROPYL)PHOSPHATE AMMONIUM SALT
MUTATION DATA AND REFERENCES:
mma-sat 50 umol/plate MUREAV 117,1,83

UB0225000 1-PROPANOL, 2,3-DIBROMO-, DIHYDROGEN PHOSPHATE, MAGNESIUM SALT
UPDT:8311 MW: 320.18 MOLFM: C3-H5-Br2-O4-P Mg
SYN: 2,3-DIBROMO-1-PROPANOL DIHYDROGEN PHOSPHATE MAGNESIUM SALT * MONO(2,3-DIBROMOPROPYL)PHOSPHATE MAGNESIUM SALT
MUTATION DATA AND REFERENCES:
mma-sat 50 umol/plate MUREAV 117,1,83

UB0250000 1-PROPANOL, 2,3-DIBROMO-, HYDROGEN PHOSPHATE
UPDT:8406 CAS: 5412-25-9 MW: 497.78 MOLFM: C6-H11-Br4-O4-P
SYN: BIS-BP * BIS(2,3-DIBROMOPROPYL)PHOSPHATE
MUTATION DATA AND REFERENCES:
mmo-sat 50 umol/plate APTOA6 51,76,82
mma-sat 25 nmol/plate TXAPA9 63,105,82
msc-ham:lng 20 umol/L MUREAV 124,213,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UB0252000 1-PROPANOL, 2,3-DIBROMO-, HYDROGEN PHOSPHATE, AMMONIUM SALT
UPDT:8401 CAS: 34432-82-1 MW: 514.82 MOLFM: C6-H10-Br4-O4-P H4-N
SYN: AMMONIUM BIS(2,3-DIBROMOPROPYL)PHOSPHATE * BIS(2,3-DIBROMOPROPYL)PHOSPHATE AMMONIUM SALT * 2,3-DIBROMO-1-PROPANOL HYDROGEN PHOSPHATE AMMONIUM SALT
MUTATION DATA AND REFERENCES:
mma-sat 10 umol/plate MUREAV 117,1,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1-PROPANOL, 2,3-DIBROMO-, HYDROGEN PHOSPHATE, MAGNESIUM SALT see: TB7450000

UB0350000 1-PROPANOL, 2,3-DIBROMO-, PHOSPHATE (3:1)
UPDT:8412 CAS: 126-72-7 MW: 697.67 MOLFM: C9-H15-Br6-O4-P
SYN: ANFRAM 3PB * APEX 462-5 * BROMKAL P 67-6HP * 2,3-DIBROMO-1-PROPANOL PHOSPHATE * (2,3-DIBROMOPROPYL) PHOSPHATE * ES685 * FIREMASTER LV-T 23P * FIREMASTER T23P * FIREMASTER T23P-LV * FLACAVON R * FLAMEX T 23P * FLAMMEX AP * FLAMMEX LV-T 23P * FLAMMEX T 23P * FYROL HB32 * NCI-C03270 * PHOSPHORIC ACID, TRIS(2,3-DIBROMOPROPYL) ESTER * RCRA WASTE NUMBER U235 * TDBP (Czech) * TDBPP * T 23P * TRIS * TRIS-BP * TRIS(DIBROMOPROPYL)PHOSPHATE * TRIS(2,3-DIBROMOPROPYL) PHOSPHATE * TRIS(2,3-DIBROMOPROPYL) PHOSPHORIC ACID ESTER * TRIS-2,3-DIBROMPROPYL ESTER KYSELINY FOSFORECNE (Czech) * TRIS (FLAME RETARDANT) * USAF DO-41 * ZETIFEX ZN
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV 28ZPAK -,206,72
eye-rbt 500 mg/24H MOD 28ZPAK -,206,72
MUTATION DATA AND REFERENCES:
mmo-sat 2270 ug/plate MUREAV 57,381,78
mma-sat 72 nmol/plate MUREAV 136,55,84
dnr-sat 100 mmol/L/15M MUREAV 56,89,77
mma-esc 50 mg/L FCTXAV 18,215,80
dnr-esc 10 ug/plate MUREAV 74,107,80
slt-dmg-orl 1430 umol/L/7D-C MUREAV 57,385,78
sln-dmg-unk 1000 ppm JEPTDQ 3(1-2),207,79
sln-dmg-orl 500 ppm ENMUDM 1,144,79
dnd-hmn:oth 2 mg/L MUREAV 56,89,77
otr-rat:emb 1270 ng/plate JJATDK 1,190,81
dnd-rat-ipr 250 mg/kg TXCYAC 21,291,81
dnd-rat:lvr 500 umol/L TXCYAC 21,291,81
dns-rat:lvr 50 umol/L MUREAV 124,213,83
bfa-rat/sat 500 mg/kg CTOXAO 17,101,80
mnt-mus-ipr 1020 mg/kg JJIND8 66,691,81
mma-mus:lym 25 mg/L JEPTDQ 3(1-2),207,79
otr-mus:lym 2500 ug/L JEPTDQ 3(1-2),207,79
bfa-mus/sat 500 mg/kg MUREAV 53,160,78
cyt-mus-ivn 1500 mg/kg MUREAV 60,329,79
sce-mus-ivn 1500 mg/kg MUREAV 60,329,79
sce-mus:lym 5 mg/L JEPTDQ 3(1-2),207,79
sce-mus/lng 125 mg/kg JNCIAM 60,1179,78
msc-mus:lym 5 ppm MUREAV 53,160,78
spm-mus-ipr 4085 mg/kg/5D-I JJIND8 66,691,81
mnt-ham-ipr 400 mg/kg EJCODS 18,1337,82
otr-ham:emb 25 mg/L EJCODS 18,1337,82
cyt-ham:lng 100 mg/L AMONDS 3,253,80
sce-ham:lng 5 mg/L JNCIAM 60,1179,78
msc-ham:lng 20 umol/L MUREAV 124,213,83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:250 mg/kg (6-15D preg) FCTXAV 19,67,81
1T75 orl-rat TDLo:450 mg/kg (7-15D preg) JTSCDR 4,296,79
1T02 skn-rbt TDLo:29510 mg/kg (13D male) JTEHD6 3,979,77
TUMORIGENIC DATA AND REFERENCES:
2V01M61 orl-rat TDLo:1330 mg/kg/76W-C NCITR* NCI-CG-TR-76,78
3V01J60L60 orl-mus TDLo:39 gm/kg/92W-C NCITR* NCI-CG-TR-76,78
3V01J60K60 skn-mus TDLo:85 gm/kg/71W-I CNREA8 38,3236,78
3V01J60L60 orl-mus TD :87 gm/kg/103W-C NCITR* NCI-CG-TR-76,78
2V02M61 orl-rat TD :3600 mg/kg/103W-C NCITR* NCI-CG-TR-76,78
2V02M61 orl-rat TD :1800 mg/kg/103W-C NCITR* NCI-CG-TR-76,78
3V01J60L60 orl-mus TD :43 gm/kg/103W-C NCITR* NCI-CG-TR-76,78
2V03M60 orl-rat TD :1820 mg/kg/2Y-C FCTXAV 18,743,80
2V03M60 orl-rat TD :43680 mg/kg/2Y-C FCTXAV 18,743,80
3V02K61U01 orl-rat TD :26 gm/kg/52W-I LAINAW 44,74,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1010 mg/kg 28ZPAK -,206,72
ipr-mus LD50:300 mg/kg NTIS** AD277-689
* unk-mus LD50:1149 mg/kg JJIND8 66,691,81
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ENVRAL 13,74,77; CTOXAO 17,101,80
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 20,575,79
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 20,575,79
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-76,78)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1077-0007;8EHQ-0278-0056;8EHQ-0478-0123; 8EHQ-0478-0128;8EHQ-0678-0192 S
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UB0400000 2-PROPANOL, 1,3-DIBROMO-, PHOSPHATE (3:1)
UPDT:8310 MW: 697.67 MOLFM: C9-H15-Br6-O4-P
SYN: TRIS(1-BROMOMETHYL-2-BROMOETHYL)PHOSPHATE
MUTATION DATA AND REFERENCES:
mmo-sat 300 nmol/plate MUREAV 66,373,79
mma-sat 300 nmol/plate MUREAV 66,373,79

UB0875000 1-PROPANOL, 3-(DIBUTYLAMINO)-, p-AMINOBENZOATE (ESTER)
UPDT:8306 CAS: 149-16-6 MW: 306.50 MOLFM: C18-H30-N2-O2
SYN: 3-(p-AMINOBENZOXY)-1-DI-n-BUTYLAMINOPROPANE * p-AMINOBENZOYLDIBUTYLAMINOPROPANOL * BUTACAINE * BUTYN * 3-(DIBUTYLAMINO)-1-PROPANOL p-AMINOBENZOATE * 3-DIBUTYLAMINOPROPYL p-AMINOBENZOATE
TOXICITY DATA AND REFERENCES:
scu-rat LDLo:150 mg/kg JPETAB 24,167,25
* ivn-rat LDLo:7500 ug/kg PHREA7 12,190,32
scu-mus LDLo:100 mg/kg JPETAB 24,167,25
ivn-mus LDLo:12 mg/kg JAPMA8 39,4,50
* scu-dog LDLo:55 mg/kg PHREA7 12,190,32
ivn-cat LDLo:15 mg/kg AJPHAP 68,120,24
scu-cat LDLo:30 mg/kg JPETAB 24,167,25
scu-rbt LDLo:50 mg/kg JPETAB 24,167,25
* ivn-rbt LDLo:12 mg/kg PHREA7 12,190,32
scu-gpg LDLo:45 mg/kg JPETAB 62,69,38
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PHREA7 12,190,32

UB1050000 1-PROPANOL, 3-(DIBUTYLAMINO)-, p-AMINOBENZOATE (ESTER), SULFATE (2:1)
UPDT:8405 CAS: 149-15-5 MW: 711.08 MOLFM: C36-H60-N4-O4 H2-O4-S
SYN: 3-(p-AMINOBENZOXY)-1-DI-N-BUTYLAMINOPROPANE SULFATE * p-AMINOBENZOYLDIBUTYLAMINOPROPANOL SULFATE * BUTACAINE SULFATE * BUTELLINE * BUTYN SULFATE * 3-(DIBUTYLAMINO)-1-PROPANOL-para-AMINOBENZOATE (ester) SULFATE (2:1) * DIBUTYLAMINOPROPYL p-AMINOBENZOATE SULFATE * 3-DIBUTYLAMINOPROPYL 4-AMINOBENZOATE SULFATE * 1-PROPANOL, 3-(DIBUTYLAMINO)-, 4-AMINOBENZOATE (ester), SULFATE (SALT) (2:1)
TOXICITY DATA AND REFERENCES:
scu-rat LDLo:197 mg/kg PHREA7 12,190,32
ipr-mus LD50:80 mg/kg BJPCAL 1,90,46
scu-mus LDLo:100 mg/kg JPETAB 24,167,25
* ivn-mus LD50:12 mg/kg JAPMA8 40,373,51
orl-bwd LD50:100 mg/kg TXAPA9 21,315,72

1-PROPANOL, 3-(DIBUTYLAMINO)-, 4-AMINOBENZOATE (ester), SULFATE (SALT) (2:1) see: UB1050000

UB1110000 2-PROPANOL, 1-(DIBUTYLAMINO)-3-((1-METHYLETHYL)THIO)-, HYDROCHLORIDE
UPDT:8406 CAS: 51734-13-5 MW: 297.98 MOLFM: C14-H31-N-O-S Cl-H
SYN: 1-(DIBUTYLAMINO)-3-(ISOPROPYLTHIO)-2-PROPANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:200 mg/kg YKKZAJ 94,126,74

UB1120000 2-PROPANOL, 1-(DIBUTYLAMINO)-3-PROPOXY-, BENZOATE (ester), HYDROCHLORIDE
UPDT:8408 CAS: 51734-48-6 MW: 386.03 MOLFM: C21-H35-N-O3 Cl-H
SYN: 1-(DIBUTYLAMINO)-3-PROPOXY-2-PROPANOL BENZOATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:150 mg/kg YKKZAJ 94,126,74

UB1130000 2-PROPANOL, 1-(DIBUTYLAMINO)-3-(PROPYLTHIO)-, BENZOATE (ester), HYDROCHLORIDE
UPDT:8408 CAS: 51734-63-5 MW: 402.05 MOLFM: C21-H35-N-O2-S Cl-H
SYN: 1-(DIBUTYLAMINO)-3-(PROPYLTHIO)-2-PROPANOL BENZOATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:150 mg/kg YKKZAJ 94,126,74

UB1225000 1-PROPANOL, 2,3-DICHLORO-
UPDT:8407 CAS: 616-23-9 MW: 128.99 MOLFM: C3-H6-Cl2-O

SYN: 2,3-DICHLOROPROPANOL * 1,2-DICHLORO-3-PROPANOL * 1,2-DICHLOROPPOPANOL-3 * 2,3-DICHLORO-1-PROPANOL * GLYCEROL alpha,beta-DICHLOROHYDRIN

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open — JIHTAB 30,63,48
eye-rbt 6800 ug SEV — AJOPAA 29,1363,46

MUTATION DATA AND REFERENCES:
mma-sat 100 nmol/plate — MUREAV 66,373,79
mma-sat 262 ug/plate — MUREAV 57,381,78
mma-esc 131 ug/plate — MUREAV 57,381,78

TOXICITY DATA AND REFERENCES:
orl-rat LD50:90 mg/kg — JIHTAB 30,63,48
ihl-rat LCLo:500 ppm/4H — JIHTAB 31,343,49
skn-rbt LD50:200 mg/kg — JIHTAB 30,63,48

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UB1400000 2-PROPANOL, 1,3-DICHLORO-
UPDT:8408 CAS: 96-23-1 MW: 128.99 MOLFM: C3-H6-Cl2-O
SYN: DICHLOROHYDRIN * alpha-DICHLOROHYDRIN * sym-DICHLOROISOPROPYL ALCOHOL * 1,3-DICHLORO-2-PROPANOL * 1,3-DICHLOROPROPANOL-2 (DOT) * GLYCEROL alpha,gamma-DICHLOROHYDRIN * sym-GLYCEROL DICHLOROHYDRIN * UN 2750 (DOT) * U 25,354

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD — AIHAAP 23,95,62

MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate — ENMUDM 2,59,80
mma-sat 100 ug/plate — SCIEAS 200,785,78
dni-hmn:hla 2500 umol/L — MUREAV 92,427,82

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:110 mg/kg — AIHAAP 23,95,62
* ihl-rat LCLo:125 ppm/4H — AIHAAP 23,95,62
* orl-mus LD50:100 mg/kg — 85GMAT -,46,82
1R10 skn-rbt LD50:800 mg/kg — AIHAAP 23,95,62

STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON — CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UB1410000 2-PROPANOL, 1-((2-(2,4-DICHLOROANILINO)ETHYL)AMINO)-3-PHENOXY-, MONOHYDROCHLORIDE
UPDT:8405 CAS: 71314-18-6 MW: 391.75 MOLFM: C17-H20-Cl2-N2-O2 Cl-H
SYN: 1-((2-(2,4-DICHLOROANILINO)ETHYL)AMINO)-3-PHENOXY-2-PROPANOL HYDROCHLORIDE * 2-PROPANOL, 1-((2-((2,4-DICHLOROPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, HYDROCHLORIDE (10CI)

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:13 mg/kg — PHARAT 38,409,83

UB1410500 2-PROPANOL, 1-((2-(2,6-DICHLOROANILINO)ETHYL)AMINO)-3-PHENOXY-, MONOHYDROCHLORIDE
UPDT:8405 CAS: 71314-12-0 MW: 391.75 MOLFM: C17-H20-Cl2-N2-O2 Cl-H
SYN: 1-((2-(2,6-DICHLOROANILINO)ETHYL)AMINO)-3-PHENOXY-2-PROPANOL HYDROCHLORIDE * 2-PROPANOL, 1-((2-((2,6-DICHLOROPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, HYDROCHLORIDE (10CI)

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:16 mg/kg — PHARAT 38,409,83

UB1412000 2-PROPANOL, 1-((2-(2,6-DICHLOROANILINO)ETHYL)AMINO)-3-(m-TOLYLOXY)-, MONOHYDROCHLORIDE
UPDT:8405 CAS: 76210-73-6 MW: 405.78 MOLFM: C18-H22-Cl2-N2-O2 Cl-H
SYN: 1-((2-(2,6-DICHLOROANILINO)ETHYL)AMINO)-3-(m-TOLYLOXY)-2-PROPANOL HYDROCHLORIDE * 2-PROPANOL, 1-((2-((2,6-DICHLOROPHENYL)AMINO)ETHYL)AMINO)-3-(3-METHYLPHENOXY)-, HCl (10CI)

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:25 mg/kg — PHARAT 38,409,83

UB1461000 2-PROPANOL, 1-(2,4-DICHLOROPHENOXY)-3-(ETHYL(2-MORPHOLINOETHYL)AMINO)-, DIHYDROCHLORIDE
UPDT:8408 CAS: 22820-28-6 MW: 450.27 MOLFM: C17-H26-Cl2-N2-O3 2Cl-H
SYN: 1-(2,4-DICHLOROPHENOXY)-3-(ETHYL(2-MORPHOLINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:208 mg/kg — YKKZAJ 89,194,69
* ivn-mus LD50:77 mg/kg — YKKZAJ 89,194,69

UB1462000 2-PROPANOL, 1-(2,4-DICHLOROPHENOXY)-3-(ETHYL(2-PIPERIDINOETHYL)AMINO)-, DIHYDROCHLORIDE
UPDT:8408 CAS: 22820-33-3 MW: 448.30 MOLFM: C18-H28-Cl2-N2-O2 2Cl-H
SYN: 1-(2,4-DICHLOROPHENOXY)-3-(ETHYL(2-PIPERIDINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:198 mg/kg — YKKZAJ 89,194,69
* ivn-mus LD50:39 mg/kg — YKKZAJ 89,194,69

UB1463000 2-PROPANOL, 1-(2,4-DICHLOROPHENOXY)-3-(ISOPROPYL(2-MORPHOLINOETHYL)AMINO)-, DIHYDROCHLORIDE
UPDT:8408 CAS: 22820-30-0 MW: 464.30 MOLFM: C18-H28-Cl2-N2-O3 2Cl-H
SYN: 1-(2,4-DICHLOROPHENOXY)-3-(ISOPROPYL(2-MORPHOLINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:207 mg/kg — YKKZAJ 89,194,69
* ivn-mus LD50:57 mg/kg — YKKZAJ 89,194,69

UB1464000 2-PROPANOL, 1-(2,4-DICHLOROPHENOXY)-3-(ISOPROPYL(2-PIPERIDINOETHYL)AMINO)-, DIHYDROCHLORIDE
UPDT:8408 CAS: 22820-34-4 MW: 478.33 MOLFM: C19-H30-Cl2-N2-O3 2Cl-H
SYN: 1-(2,4-DICHLOROPHENOXY)-3-(ISOPROPYL(2-PIPERIDINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:190 mg/kg — YKKZAJ 89,194,69
* ivn-mus LD50:23 mg/kg — YKKZAJ 89,194,69

UB1465000 2-PROPANOL, 1-(2,4-DICHLOROPHENOXY)-3-(METHYL(2-MORPHOLINOETHYL)AMINO-, DIHYDROCHLORIDE
UPDT:8408 CAS: 22820-27-5 MW: 436.24 MOLFM: C16-H24-Cl2-N2-O3 2Cl-H
SYN: 1-(2,4-DICHLOROPHENOXY)-3-(METHYL(2-MORPHOLINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:210 mg/kg — YKKZAJ 89,194,69
* ivn-mus LD50:133 mg/kg — YKKZAJ 89,194,69

UB1466000 2-PROPANOL, 1-(2,4-DICHLOROPHENOXY)-3-(METHYL(2-PIPERIDINOETHYL)AMINO-, DIHYDROCHLORIDE
UPDT:8408 CAS: 22820-32-2 MW: 434.27 MOLFM: C17-H26-Cl2-N2-O2 2Cl-H
SYN: 1-(2,4-DICHLOROPHENOXY)-3-(METHYL(2-PIPERIDINOETHYL)AMINO)-2-PROPANOL DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:201 mg/kg — YKKZAJ 89,194,69
* ivn-mus LD50:43 mg/kg — YKKZAJ 89,194,69

UB1467000 2-PROPANOL, 1-(2,4-DICHLOROPHENOXY)-3-((2-MORPHOLINOETHYL)PROPYLAMINO)-, DIHYDROCHLORIDE
UPDT:8408 CAS: 22820-29-7 MW: 464.30 MOLFM: C18-H28-Cl2-N2-O3 2Cl-H
SYN: 1-(2,4-DICHLOROPHENOXY)-3-((2-MORPHOLINOETHYL)PROPYLAMINO)-2-PROPANOL DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:205 mg/kg — YKKZAJ 89,194,69
* ivn-mus LD50:77 mg/kg — YKKZAJ 89,194,69

2-PROPANOL, 1-((2-((2,4-DICHLOROPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, HYDROCHLORIDE (10CI) see: UB1410000

2-PROPANOL, 1-((2-((2,6-DICHLOROPHENYL)AMINO)ETHYL)AMINO)-3-(3-METHYLPHENOXY)-, HCl (10CI) see: UB1412000

2-PROPANOL, 1-((2-((2,6-DICHLOROPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, HYDROCHLORIDE (10CI) see: UB1410500

UB1473000 2-PROPANOL, 1,3-DICHLORO-, PHOSPHATE (3:1)
UPDT:8403 CAS: 13674-87-8 MW: 430.91 MOLFM: C9-H15-Cl6-O4-P
SYN: 1,3-DICHLORO-2-PROPANOL PHOSPHATE (3:1) * EMULSION 212 * FOSFORAN TROJ-(1,3-DWUCHLOROIZOPROPYLOWY) (Polish) * FYROL FR 2 * PF 38 * PHOSPHORIC ACID TRIS(1,3-DICHLORO-2-PROPYL)ESTER * TCPP * TDCPP * TRIS(1-CHLOROMETHYL-2-CHLOROETHYL)PHOSPHATE * TRIS(1,3-DICHLOROISOPROPYL)PHOSPHATE * TRIS-(1,3-DICHLORO-2-PROPYL)-PHOSPHATE

MUTATION DATA AND REFERENCES:
mmo-sat 100 umol/plate — MUREAV 66,373,79
mma-sat 100 ug/plate — SCIEAS 200,785,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T26T35 orl-rat TDLo:3600 mg/kg (7-15D preg) — ESKHA5 (99),50,81

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1850 mg/kg — BCTKAG 9,141,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTOXAO 17,101,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1280-0401 S
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UB1575000 1-PROPANOL, 3-(DIETHYLAMINO)-2,2-DIMETHYL-, p-AMINOBENZOATE
UPDT:8306 CAS: 94-15-5 MW: 278.44 MOLFM: C16-H26-N2-O2
SYN: DIMETHOCAINE * LAROCAINE

TOXICITY DATA AND REFERENCES:
scu-mus LDLo:380 mg/kg — AEPPAE 168,447,32
* ivn-mus LDLo:40 mg/kg — PHREA7 12,190,32
* scu-rbt LDLo:150 mg/kg — PHREA7 12,190,32
* ivn-rbt LDLo:150 mg/kg — PHREA7 12,190,32
* scu-gpg LDLo:200 mg/kg — PHREA7 12,190,32
par-frg LDLo:200 mg/kg — AEPPAE 168,447,32

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PHREA7 12,190,32

UB1580000 1-PROPANOL, 3-(DIETHYLAMINO)-2,2-DIMETHYL-, p-AMINOBENZOATE, HYDROCHLORIDE
UPDT:8405 MW: 314.90 MOLFM: C16-H26-N2-O2 Cl-H
SYN: DIMETHOCAINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:300 mg/kg — MEIEDD 10,469,83

1-PROPANOL, 3-(DIETHYLAMINO)-2,2-DIMETHYL-, TROPATE, PHOSPHATE see: YM8400000

UB1765800 2-PROPANOL, 1-(DIETHYLAMINO)-3-((6-METHYL-5H-PYRIDO(3',4':4,5)PYRROLO(2,3-g) ISOQUINOLIN-10-YL)AMINO)-, TRIMALEATE
UPDT:8306 CAS: 83948-00-9 MW: 725.78 MOLFM: C22-H27-N5-O 3C4-H4-O4
SYN: 5H-PYRIDO(3',4':4,5)PYRROLO(2,3-g)ISOQUINOLINE, 2-PROPANOL deriv., TRIMALEATE

TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LDLo:40 mg/kg — JMCMAR 26,181,83

UB1765900 2-PROPANOL, 1-(DIETHYLAMINO)-3-(PENTYLTHIO)-, HYDROCHLORIDE
UPDT:8408 CAS: 51734-07-7 MW: 269.92 MOLFM: C12-H27-N-O-S Cl-H
SYN: 1-(DIETHYLAMINO)-3-(PENTYLTHIO)-2-PROPANOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F19 scu-mus LDLo:150 mg/kg — YKKZAJ 94,126,74

UB1950000 2-PROPANOL, 1,3-DIIODO-
UPDT:8310 CAS: 534-08-7 MW: 311.89 MOLFM: C3-H6-I2-O
SYN: AGOJODO * 1,3-DIIODOISOPROPYL ALCOHOL * 1,3-DIIODO-2-PROPANOL * DIJODAN * GLYCEROL alpha,gamma-DIIODOHYDRIN * IOPROPANE * IOTHION * IOTONE * JOTHION

TOXICITY DATA AND REFERENCES:
1F07 orl-mus LD50:325 mg/kg — JSDKD3 6,151,77

UB2625000 1-PROPANOL, 2,3-DIMERCAPTO-
UPDT:8311 CAS: 59-52-9 MW: 124.23 MOLFM: C3-H8-O-S2
SYN: BAL * BRITISH ANTILEWISITE * DICAPTOL * DIMERCAPROL * DIMERCAPROL PROPANOL * DIMERCAPTOL * 2,3-DIMERCAPTOPROPANOL * 2,3-DIMERCAPTOPROPAN-1-OL * 2,3-DIMERCAPTOL-1-PROPANOL * DITHIOGLYCEROL * 1,2-DITHIOGLYCEROL * 2,3-DITHIOPROPANOL * GLYCEROL, 1,2-DITHIO- * SULFACTIN * USAF ME-1

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 scu-mus TDLo:100 mg/kg (11D preg) — ANREAK 135,261,59
1T46 scu-mus TDLo:100 mg/kg (12D preg) — ANREAK 135,261,59
1T43 scu-mus TDLo:200 mg/kg (12-13D preg) — ANREAK 135,261,59

TOXICITY DATA AND REFERENCES:
2P01R03 ims-hmn TDLo:3 mg/kg — SCIEAS 102,601,45
* ipr-rat LD50:105 mg/kg — APFRAD 5,172,47
* scu-rat LD50:2 gm/kg — APFRAD 5,172,47
ims-rat LD50:87 mg/kg — TXAPA9 36,297,76
ipr-mus LD50:25 mg/kg — NTIS** AD277-689
* ivn-mus LD50:56 mg/kg — CSLNX* NX#04985
ims-rbt LD50:99 mg/kg — JPETAB 87,119,46
2H01H04 par-rbt LD50:40 mg/kg — APFRAD 5,172,47

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CONEAT 10,109,50

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UB2704000 2-PROPANOL, 1-((3,4-DIMETHOXY-alpha-METHYLPHENETHYL)AMINO)-3-PHENOXY-, MONOHYDROCHLORIDE
UPDT:8405 CAS: 76210-68-9 MW: 381.94 MOLFM: C20-H27-N-O4 Cl-H
SYN: 1-((3,4-DIMETHOXY-alpha-METHYLPHENETHYL)AMINO)-3-PHENOXY-2-PROPANOL HYDROCHLORIDE * 2-PROPANOL, 1-((2-(3,4-DIMETHOXYPHENYL)-1-METHYLETHYL)AMINO)-3-PHENOXY-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:51 mg/kg — PHARAT 38,409,83

UB2706000 2-PROPANOL, 1-(3,4-DIMETHOXYPHENETHYLAMINO)-3-(5-METHYL-3-THIENYLOXY)-
UPDT:8308 MW: 351.50 MOLFM: C18-H25-N-O4-S
SYN: 1-(3,4-DIMETHOXYPHENETHYLAMINO)-3-(5-METHYL-3-THIENYLOXY)-2-PROPANOL

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg — EJMCA5 18,151,83
* ivn-mus LD50:35 mg/kg — EJMCA5 18,151,83

UB2707000 2-PROPANOL, 1-((3,4-DIMETHOXYPHENETHYL)AMINO)-3-(p-NITROPHENOXY)-, HYDROCHLORIDE
UPDT:8405 MW: 412.91 MOLFM: C19-H24-N2-O6 Cl-H

SYN: 1-((3,4-DIMETHOXYPHENETHYL)AMINO)-3-(p-NITROPHENOXY)-2-PROPANOL HYDROCHLORIDE * 2-PROPANOL, 1-((2-(3,4-DIMETHOXYPHENYL)ETHYL)AMINO)-3-(4-NITROPHENOXY)-, HCl (10CI)

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:64 mg/kg PHARAT 38,409,83

UB2708000 2-PROPANOL, 1-((3,4-DIMETHOXYPHENETHYL)AMINO)-3-PHENOXY-, MONOHYDROCHLORIDE

UPDT:8405 CAS: 63434-21-9 MW: 367.91 MOLFM: C19-H25-N-O4 Cl-H

SYN: 1-((3,4-DIMETHOXYPHENETHYL)AMINO)-3-PHENOXY-2-PROPANOL HYDROCHLORIDE * 2-PROPANOL, 1-((2-(3,4-DIMETHOXYPHENYL)ETHYL)AMINO)-3-PHENOXY-, HYDROCHLORIDE (10CI)

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:54 mg/kg PHARAT 38,409,83

UB2709000 2-PROPANOL, 1-((3,4-DIMETHOXYPHENETHYL)AMINO)-3-(m-TOLYLOXY)-, MONOHYDROCHLORIDE

UPDT:8405 CAS: 42864-78-8 MW: 381.94 MOLFM: C20-H27-N-O4 Cl-H

SYN: BEVANTOLOL HYDROCHLORIDE * CI 775 * 1-((3,4-DIMETHOXYPHENETHYL)AMINO)-3-(m-TOLYLOXY)-2-PROPANOL HYDROCHLORIDE * 2-PROPANOL, 1-((2-(3,4-DIMETHOXYPHENYL)ETHYL)AMINO)-3-(3-METHYLPHENOXY)-, HCl (10CI)

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:38 mg/kg PHARAT 38,409,83

UB2800000 2-PROPANOL, l-(3,4-DIMETHOXYPHENYL)-

UPDT:8311 CAS: 19578-92-8 MW: 196.27 MOLFM: C11-H16-O3

SYN: 1-(3,4-DIMETHOXYPHENYL)-2-PROPANOL

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:650 mg/kg JPMSAE 59,1842,70

UB2900000 2-PROPANOL, 1-((2-(3,4-DIMETHOXYPHENYL)ETHYL)AMINO)-3-((1,2-DIPHENYL-1H-INDOL-4-YL)OXY)-, HEXANEDIOATE (1:1) (salt)

UPDT:8405 CAS: 76410-37-2 MW: 668.85 MOLFM: C33-H34-N2-O4 C6-H10-O4

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

2-PROPANOL, 1-((2-(3,4-DIMETHOXYPHENYL)-1-METHYLETHYL)AMINO)-3-PHENOXY-, HYDROCHLORIDE see: UB2704000

2-PROPANOL, 1-((2-(3,4-DIMETHOXYPHENYL)ETHYL)AMINO)-3-(3-METHYLPHENOXY)-, HCl (10CI) see: UB2709000

2-PROPANOL, 1-((2-(3,4-DIMETHOXYPHENYL)ETHYL)AMINO)-3-(4-NITROPHENOXY)-, HCl (10CI) see: UB2707000

2-PROPANOL, 1-((2-(3,4-DIMETHOXYPHENYL)ETHYL)AMINO)-3-PHENOXY-, HYDROCHLORIDE (10CI) see: UB2705000

UB3150000 2-PROPANOL, 1,1-DI(METHYLAMINO)-

UPDT:8407 CAS: 108-16-7 MW: 118.21 MOLFM: C5-H14-N2-O

SYN: 1,1-DIMETHYLAMINOPROPANOL-2 * 1,1-DIMETHYLAMINOPROPAN-2-OL

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54

skn-rbt 500 mg MOD FCTOD7 20,563,82

eye-rbt 250 ug open SEV AMIHBC 10,61,54

eye-rbt 100 mg/4S rns SEV FCTOD7 20,573,82

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1890 mg/kg AMIHBC 10,61,54

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UB3700000 2-PROPANOL, 1-((2,3-DIMETHYL-4-BENZOFURANYL)OXY)-3-(ISOPROPYLAMINO)-, HYDROCHLORIDE

UPDT:8411 CAS: 28396-68-1 MW: 313.86 MOLFM: C16-H23-N-O3 Cl-H

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:90 mg/kg CHTPBA 5,285,70

UB3750000 1-PROPANOL, 2,2-DIMETHYL-, CARBAMATE

UPDT:8306 CAS: 3124-46-7 MW: 131.20 MOLFM: C6-H13-N-O2

SYN: CARBAMIC ACID, NEOPENTYL ESTER * 2,2-DIMETHYL-1-PROPANOL CARBAMATE * NEOPENTYL ESTER of CARBAMIC ACID

TOXICITY DATA AND REFERENCES:

2F05F17 ipr-mus LD50:560 mg/kg JMCMAR 8,604,65

* ivn-mus LD50:32 mg/kg CSLNX* NX#05165

UB3790000 1-PROPANOL, 2,2-DIMETHYL-, FORMATE

UPDT:8312 CAS: 23361-67-3 MW: 116.18 MOLFM: C6-H12-O2

SYN: 2,2-DIMETHYL-1-PROPANOL FORMATE * NEOPENTYL FORMATE * NEOPENTYL FORMATE (DOT) * UN 1109 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

2-PROPANOL, 1-((2-((2,5-DIMETHYLPHENYL)AMINO)ETHYL)AMINO)-3-(3-METHYLPHENOXY)-, HCl (10CI) see: UB9720000

2-PROPANOL, 1-((2-((2,5-DIMETHYLPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, HYDROCHLORIDE (10CI) see: UB8961000

2-PROPANOL, 1-((2-((2,6-DIMETHYLPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, HYDROCHLORIDE (10CI) see: UB8961100

UB4025000 1-PROPANOL, 2,2-DINITRO-

UPDT:8306 CAS: 918-52-5 MW: 150.11 MOLFM: C3-H6-N2-O5

SYN: 2,2-DINITROPROPANOL * 2,2-DINITRO-1-PROPANOL * DNPOH * NPOH

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:280 mg/kg KHFZAN 11(1),73,77

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UB4100000 2-PROPANOL, 1,3-DIPHENOXY-

UPDT:8407 CAS: 622-04-8 MW: 244.31 MOLFM: C15-H16-O3

SYN: 1,3-DIPHENOXY-2-PROPANOL * GLYCERYL alpha,gamma-DIPHENYL ETHER

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1450 mg/kg AMIHBC 4,119,51

ivn-mus LD50:180 mg/kg CSLNX* NX#04474

* skn-rbt LD50:15800 mg/kg AMIHBC 4,119,51

PROPANOL (DOT) see: UH8225000

PROPANOLE (German) see: UH8225000

PROPANOLEN (Dutch) see: UH8225000

UB4375000 1-PROPANOL, 2,3-EPOXY-

UPDT:8412 CAS: 556-52-5 MW: 74.09 MOLFM: C3-H6-O2

SYN: EPIHYDRIN ALCOHOL * 2,3-EPOXYPROPANOL * 2,3-EPOXY-1-PROPANOL * GLYCIDE * GLYCIDOL * GLYCIDYL ALCOHOL * 3-HYDROXY-1,2-EPOXYPROPANE * METHANOL, OXIRANYL- * NCI-C55549

IRRITATION DATA AND REFERENCES:

skn-rbt 558 mg/3D MOD AMIHAB 14,250,56

MUTATION DATA AND REFERENCES:

mmo-sat 20 ug/plate MUREAV 66,367,79

mmo-sat 20 ug/plate MUREAV 66,367,79

mmo-esc 500 umol/L TOLED5 4,103,79

dnr-esc 10 uL/disc JJIND8 62,873,79

mmo-klp 200 umol/L MUREAV 89,269,81

mmo-nsc 500 mmol/L GENTAE 40,890,55

mmo-smc 10 pph MUREAV 47,115,77

mrc-smc 2500 ppm JJIND8 62,901,79

cyt-hmn:lym 400 umol/L MUREAV 91,243,81

sce-hmn:lym 50 umol/L MUREAV 91,243,81

otr-ham:emb 10 ug/L IJCNAW 19,642,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T23 orl-rat TDLo:180 mg/kg (12D male) NATUAS 226,87,70

1T23 ipr-rat TDLo:500 mg/kg (5D male) BCSTB5 1,523,73

1T34 orl-mus TDLo:2 gm/kg (6-15D preg) JTEHD6 9,87,82

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:420 mg/kg FCTXAV 19,347,81

ihl-rat LC50:580 ppm/8H AMIHAB 14,250,56

* ipr-rat LD50:200 mg/kg FCTXAV 19,347,81

* orl-mus LD50:431 mg/kg GTPZAB 24(3),42,80

ihl-mus LC50:450 ppm/4H AMIHAB 14,250,56

ipr-mus LDLo:500 mg/kg PSEBAA 35,98,36

skn-rbt LD50:1980 mg/kg AMIHAB 14,250,56

REVIEW AND REFERENCES:

★ TLV-TWA 25 ppm; STEL 100 ppm DTLVS* 4,206,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 50 ppm (SCP-F) FEREAC 39,23540,74

STATUS:

NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S70

'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-PROPANOL, 2,3-EPOXY-, ACRYLATE see: AS9275000

1-PROPANOL, 2,3-EPOXY-, METHACRYLATE see: OZ4375000

UB4798000 2-PROPANOL, 1,1'-(1,2-ETHANEDIYLDIIMINO)BIS(3-(4-METHOXYPHENOXY)-, DIMETHANESULFONATE (salt)

UPDT:8405 CAS: 42794-63-8 MW: 612.78 MOLFM: C22-H32-N2-O6 2C-H4-O3-S

SYN: N,N'-DI(3-(p-METHOXYPHENOXY)-2-HYDROXYPROPYL)ETHYLENEDIAMINE DIMETHANESULPHONATE * MK 142 * MK-142 DIMETHANESULFONATE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:3100 mg/kg MMDPA6 9(3),216,77

UB4799000 2-PROPANOL, 1,1'-(1,2-ETHANEDIYLDIIMINO)BIS(3-PHENOXY-, DIHYDROCHLORIDE

UPDT:8405 CAS: 35607-13-7 MW: 433.42 MOLFM: C20-H28-N2-O4 2Cl-H

SYN: N,N'-DI((3-PHENOXY-2-HYDROXYPROPYL)ETHYLENEDIAMINE DIHYDROCHLORIDE * IF ROM 203 * ROM 203

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:3000 mg/kg MMDPA6 9(3),216,77

2-PROPANOL, 1',1',1'',1'''-(1,2-ETHANEDIYLDINITRILO)TETRAKIS- see: UB5604000

UB5075000 1-PROPANOL, 3-ETHOXY-

UPDT:8307 CAS: 111-35-3 MW: 104.17 MOLFM: C5-H12-O2

SYN: 3-ETHOXY-1-PROPANOL * PROPYLENE GLYCOL MONOETHYL ETHER BETA * PROPYLENE GLYCOL beta-MONOETHYL ETHER

IRRITATION DATA AND REFERENCES:

skn-rbt 452 mg open MLD UCDS** 7/28/66

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:11752 mg/kg AIHAAP 30,470,69

* skn-rbt LD50:2558 mg/kg AIHAAP 30,470,69

UB5300000 2-PROPANOL, 3-(2-ETHOXY)ETHOXY-

UPDT:8407 CAS: 63716-10-9 MW: 148.23 MOLFM: C7-H16-O3

SYN: ETHER, (2-HYDROXY)PROPYL (2-ETHOXY)ETHYL * ETHOXYETHYL ETHER of PROPYLENE GLYCOL

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD JIHTAB 31,60,49

eye-rbt 500 mg open JIHTAB 31,60,49

TOXICITY DATA AND REFERENCES:

orl-rat LD50:9330 mg/kg JIHTAB 31,60,49

skn-rbt LD50:12 gm/kg JIHTAB 31,60,49

UB5555000 1-PROPANOL, 2-(ETHYLAMINO)-2-METHYL-, BENZOATE (ester), HYDROCHLORIDE

UPDT:8303 MW: 257.79 MOLFM: C13-H19-N-O2 Cl-H

SYN: 2-(ETHYLAMINO)-2-METHYL-1-PROPANOL BENZOATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F12F13J26 ipr-mus LD50:329 mg/kg AIPTAK 115,483,58

UB5600000 PROPANOL, 2-ETHYLBUTOXY-, mixed isomers

UPDT:8307 CAS: 63716-41-6 MW: 160.29 MOLFM: C9-H20-O2

SYN: 2-ETHYLBUTOXYPROPANOL, mixed isomers

TOXICITY DATA AND REFERENCES:

orl-rat LD50:3560 mg/kg AIHAAP 30,470,69

* skn-rbt LD50:6000 mg/kg AIHAAP 30,470,69

UB5602000 2-PROPANOL, 1,1'-ETHYLENEDIIMINOBIS(3-CHLORO-

UPDT:8403 MW: 243.16 MOLFM: C8-H16-Cl2-N2-O2

SYN: 1,2-BIS(gamma-CHLORO-beta-HYDROXYPROPYLAMINO)ETHANE * 1,1'-ETHYLENEDIIMINOBIS(3-CHLORO-2-PROPANOL)

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1000 mg/kg PCJOAU 16,880,82

UB5603000 2-PROPANOL, 1,1'-ETHYLENEDIIMINOBIS(3-CHLORO-, DIHYDROCHLORIDE

UPDT:8403 MW: 316.08 MOLFM: C8-H16-Cl2-N2-O2 2Cl-H

SYN: 1,2-BIS-(gamma-CHLORO-beta-HYDROXYPROPYLAMINO)ETHANE DIHYDROCHLORIDE * 1,1'-ETHYLENEDIIMINOBIS(3-CHLORO-2-PROPANOL) DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1000 mg/kg PCJOAU 16,880,82

UB5604000 2-PROPANOL, 1,1',1'',1'''-(ETHYLENEDINITRILO)TETRA-

UPDT:8309 CAS: 102-60-3 MW: 292.48 MOLFM: C14-H32-N2-O4

SYN: ENTPROL * 1,1',1'',1'''-(ETHYLENEDINITRILO)TETRA-2-PROPANOL * 2-PROPANOL, 1',1',1'',1'''-(1,2-ETHANEDIYLDINITRILO)TETRAKIS- * QUADROL * N,N,N',N'-TETRAKIS(2-HYDROXYPROPYL)ETHYLENEDIAMINE

TOXICITY DATA AND REFERENCES:

* unk-mam LD50:3900 mg/kg FMCHA2 -,C201,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UB5606000 2-PROPANOL, 1,1'-(ETHYLENEDIOXY)BIS(3-CHLORO-

UPDT:8305 CAS: 13078-45-0 MW: 247.14 MOLFM: C8-H16-Cl2-O4

SYN: 1,1'-(ETHYLENEDIOXY)BIS(3-CHLORO-2-PROPANOL) * U 27,421

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T23 orl-rat TDLo:960 mg/kg (8D male) JRPFA4 21,263,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-PROPANOL, 1-(4-HYDROXYACETYL-1-NAPHTHYLOXY)- see: AL3060000

UB6459500 2-PROPANOL, 1-((2-HYDROXYETHYL)NITROSAMINO)-

UPDT:8408 MW: 164.19 MOLFM: C5-H12-N2-O4

SYN: 1-((2-HYDROXYETHYL)NITROSAMINO)-2-PROPANOL * NIEA * N-NITROSOETHANOLISOPROPANOLAMINE * N-NITROSO-(2-HYDROXYPROPYL)-(2-HYDROXYETHYL)AMINE * NITROSOISOPROPANOL-ETHANOLAMINE

MUTATION DATA AND REFERENCES:

mma-sat 500 ug/plate MUREAV 111,135,83

TUMORIGENIC DATA AND REFERENCES:

3V01K60L60 orl-rat TDLo:5 gm/kg/50W-C CRNGDP 5,167,84

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UB6500000 2-PROPANOL, 1-(4-HYDROXY-2,3,5-TRIMETHYLPHENOXY)-3-(ISOPROPYLAMINO)-, 4-ACETATE

UPDT:8406 CAS: 22664-55-7 MW: 309.45 MOLFM: C17-H27-N-O4

SYN: DISORAT * 4-(2-HYDROXY-3-((1-METHYLETHYL)-AMINO)PROPOXY)-2,3,6-TRIMETHYLPHENOL 1-ACETATE * 1-(4-HYDROXY-2,3,5-TRIMETHYLPHENOXY)-3-(ISOPROPYLAMINO)-2-PROPANOL 4-ACETATE * METHYPRANOL * METIPRANOLOL * PHENOL, 4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)-2,3,6-TRIMETHYL-, 1-ACETATE (9CI) * TRIMEPRANOL * VUFB-6453

TOXICITY DATA AND REFERENCES:

1E01	ivn-mus LD50:31 mg/kg	ARZNAD 27,1022,77

PROPANOLI (Italian) see: UH8225000

PROPANOLIDE see: RQ7350000

2-PROPANOL, 1,1'-IMINOBIS- (9CI) see: UB6600000

UB6581000 2-PROPANOL, 1,1'-IMINOBIS(3-(CYCLOHEPTYLOXY)-

UPDT:8408 MW: 357.60 MOLFM: C20-H39-N-O4

SYN: N,N'-BIS(3-CYCLOHEPTYLOXY-2-HYDROXYPROPYL)AMINE * 1,1'-IMINOBIS(3-(CYCLOHEPTYLOXY)-2-PROPANOL)

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:125 mg/kg	ARPMAS 317,63,84

UB6582000 2-PROPANOL, 1,1'-IMINOBIS(3-(CYCLOHEXYLOXY)-

UPDT:8408 MW: 329.54 MOLFM: C18-H35-N-O4

SYN: N,N'-BIS(3-CYCLOHEXYLOXY-2-HYDROXYPROPYL)AMINE * 1,1'-IMINOBIS(3-(CYCLOHEXYLOXY)-2-PROPANOL)

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:75 mg/kg	ARPMAS 317,63,84

UB6583000 2-PROPANOL, 1,1'-IMINOBIS(3-(CYCLOOCTYLOXY)-

UPDT:8408 MW: 385.66 MOLFM: C22-H43-N-O4

SYN: N,N'-BIS(3-CYCLOOCTYLOXY-2-HYDROXYPROPYL)AMINE * 1,1'-IMINOBIS(3-(CYCLOOCTYLOXY)-2-PROPANOL)

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:93 mg/kg	ARPMAS 317,63,84

UB6584000 2-PROPANOL, 1,1'-IMINOBIS(3-(CYCLOPENTYLOXY)-

UPDT:8408 MW: 301.48 MOLFM: C16-H31-N-O4

SYN: N,N'-BIS(3-CYCLOPENTYLOXY-2-HYDROXYPROPYL)AMINE * 1,1'-IMINOBIS(3-(CYCLOPENTYLOXY)-2-PROPANOL)

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:63 mg/kg	ARPMAS 317,63,84

1-PROPANOL, 3,3'-IMINOBIS-, DIMETHANESULFONATE (ester), 4-METHYLBENZENESULFONATE (salt) see: UB6621000

UB6600000 2-PROPANOL, 1,1'-IMINODI-

UPDT:8402 CAS: 110-97-4 MW: 133.22 MOLFM: C6-H15-N-O2

SYN: BIS(2-HYDROXYPROPYL)AMINE * BIS(2-PROPANOL)AMINE * DIISOPROPANOLAMINE * DIPA * DIPROPYL-2,2'-DIHYDROXY-AMINE * 1,1'-IMINODI-2-PROPANOL * 2-PROPANOL, 1,1'-IMINOBIS-(9CI)

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg open MLD	UCDS** 5/21/71
	eye-rbt 50 mg SEV	UCDS** 5/21/71

MUTATION DATA AND REFERENCES:

	mma-sat 250 ug/plate	MUREAV 111,135,83

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:6720 mg/kg	UCDS** 5/21/71
1E03	ipr-mus LD50:96 mg/kg	AIMJA9 30,23,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UB6620000 1-PROPANOL, 3,3'-IMINODI-, DIMETHANESULFONATE (ester), HYDROCHLORIDE

UPDT:8412 CAS: 3458-22-8 MW: 325.86 MOLFM: C8-H19-N-O6-S2 .Cl-H

SYN: 3,3'-IMIDODI-1-PROPANOL, DIMETHANESULFONATE (ester), HYDROCHLORIDE * IPD * NCI-C01547 * NSC 102627 * YOSHI 864

MUTATION DATA AND REFERENCES:

	oms-hmn:lym 100 mg/L	EJCAAH 14,741,78

TUMORIGENIC DATA AND REFERENCES:

2V02V10	ipr-rat TDLo:3744 mg/kg/52W-I	NCITR* NCI-CG-TR-18,78
2V02J60	ipr-mus TDLo:520 mg/kg/8W-I	CNREA8 33,3069,73
2V02V10	ipr-mus TD :3840 mg/kg/64W-I	NCITR* NCI-CG-TR-18,78

TOXICITY DATA AND REFERENCES:

3F07K12K13	ivn-hmn TDLo:5400 ug/kg/2D-I	CANCAR 35,1145,75
*	ipr-mus LD10:170 mg/kg	JMCMAR 20,515,77

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-18,78)

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UB6621000 1-PROPANOL, 3,3'-IMINODI-, DIMETHANESULFONATE (ester), p-TOLUENESULFONATE

UPDT:8403 CAS: 32784-82-0 MW: 461.61 MOLFM: C8-H19-N-O6-S2 C7-H8-O3-S

SYN: BIS(3-METHYLSULFONYLOXYPROPYL)AMINE p-TOLUENESULFONATE * IMINODIPROPYL DIMETHANESULFONATE 4-TOLUENESULPHONATE * IMPROSULFAN p-TOLUENESULFONATE * IMPROSULFAN TOSILATE * IMPROSULFAN TOSYLATE * NSC-140117 * 1-PROPANOL, 3,3'-IMINOBIS-, DIMETHANESULFONATE (ester), 4-METHYLBENZENESULFONATE (salt) * PROTECTON * 864T

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:1400 mg/kg (35D male)	IYKEDH 5,444,74
3T31T34T35	orl-rat TDLo:150 mg/kg (9-14D preg)	IYKEDH 5,473,74
2T46T81	orl-rat TDLo:150 mg/kg (9-14D preg)	IYKEDH 5,473,74
1T72	orl-rat TDLo:30 mg/kg (9-14D preg)	IYKEDH 5,473,74
1T12	orl-rat TDLo:350 mg/kg (35D male)	IYKEDH 5,444,74
3T31T34T46	ivn-rat TDLo:150 mg/kg (9-14D preg)	IYKEDH 5,473,74
2T72T81	ivn-rat TDLo:150 mg/kg (9-14D preg)	IYKEDH 5,473,74
1T76	ivn-rat TDLo:30 mg/kg (9-14D preg)	IYKEDH 5,473,74
1T02	ivn-rat TDLo:350 mg/kg (35D male)	IYKEDH 5,444,74
2T81T87	orl-mus TDLo:6 mg/kg (7-12D preg)	IYKEDH 5,473,74
1T35	orl-mus TDLo:150 mg/kg (7-12D preg)	IYKEDH 5,473,74
1T46	ivn-mus TDLo:30 mg/kg (7-12D preg)	IYKEDH 5,473,74
1T81	ivn-mus TDLo:6 mg/kg (7-12D preg)	IYKEDH 5,473,74

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:108 mg/kg	IYKEDH 10,232,79
*	ipr-rat LD50:104 mg/kg	IYKEDH 10,232,79
*	scu-rat LD50:147 mg/kg	IYKEDH 10,232,79
*	ivn-rat LD50:73 mg/kg	NIIRDN 6,93,82
*	orl-mus LD50:211 mg/kg	IYKEDH 10,232,79
*	ipr-mus LD50:210 mg/kg	IYKEDH 10,232,79
3F17P05U01	scu-mus LD50:228 mg/kg	IYKEDH 5,444,74
*	ivn-mus LD50:149 mg/kg	IYKEDH 10,232,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UB6649000 2-PROPANOL, 1-(4(or 7)-INDENYLOXY)-3-(ISOPROPYLAMINO)-, HYDROCHLORIDE

UPDT:8303 MW: 283.83 MOLFM: C15-H21-N-O2 .Cl-H

SYN: INDENOLOL HYDROCHLORIDE * 1-(4(or 7)-INDENYLOXY)-3-(ISOPROPYLAMINO)-2-PROPANOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:549 mg/kg	NIIRDN 6,89,82
*	ipr-rat LD50:62 mg/kg	NIIRDN 6,89,82
*	scu-rat LD50:345 mg/kg	NIIRDN 6,89,82
*	ivn-rat LD50:29 mg/kg	NIIRDN 6,89,82
*	orl-mus LD50:388 mg/kg	NIIRDN 6,89,82
*	ipr-mus LD50:107 mg/kg	NIIRDN 6,89,82
*	scu-mus LD50:236 mg/kg	NIIRDN 6,89,82
*	ivn-mus LD50:27 mg/kg	NIIRDN 6,89,82

UB6650000 2-PROPANOL, 1-(7-INDENYLOXY)-3-(ISOPROPYLAMINO)-, HYDROCHLORIDE, (+-)-

UPDT:8403 CAS: 36576-14-4 MW: 283.83 MOLFM: C15-H21-N-O2 Cl-H

SYN: INDENOLOL HYDROCHLORIDE * 1-(7-INDENYLOXY)-3-ISOPROPYLAMINOPROPAN-2-OL HYDROCHLORIDE, (+-)- * PULSAN * DL-YB2

TOXICITY DATA AND REFERENCES:

3F07F19J25	orl-mus LD50:232 mg/kg	AIPTAK 202,79,73
*	ivn-mus LD50:26 mg/kg	ARZNAD 27,1022,77

UB6651000 2-PROPANOL, 1-(7-INDENYLOXY)-3-(ISOPROPYLAMINO)-, HYDROCHLORIDE and 1-(4-INDENYLOXY)- 3-ISOPROPYLAMINO-2-PROPANOL HYDROCHLORIDE (2:1 tautomeric mixture)

UPDT:8305 MW: 283.83 MOLFM: C15-H21-N-O2 Cl-H

SYN: INDENOLOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:566 mg/kg	IYKEDH 9,1066,78
*	scu-rat LD50:345 mg/kg	IYKEDH 9,1066,78
*	ivn-rat LD50:29500 ug/kg	IYKEDH 9,1066,78
*	orl-mus LD50:388 mg/kg	IYKEDH 9,1066,78
*	scu-mus LD50:258 mg/kg	IYKEDH 9,1066,78
*	ivn-mus LD50:26600 ug/kg	IYKEDH 9,1066,78

UB6653000 2-PROPANOL, 1-((5-((2-INDOLYLMETHYL)AMINO)-2-THIADIAZOLYL)THIO)-3-(2-THIAZOLYLAMINO)-

UPDT:8405 MW: 418.59 MOLFM: C17-H18-N6-O-S3

SYN: 1-((5-((2-INDOLYLMETHYL)AMINO)-2-THIADIAZOLYL)THIO)-3-(2-THIAZOLYLAMINO)-2-PROPANOL

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:500 mg/kg	ARPMAS 316,493,83

UB6653200 2-PROPANOL, 1-((5-((2-INDOLYLMETHYL)AMINO)-2-THIADIAZOLYL)THIO)-3-(o-TOLUIDINO)-

UPDT:8405 MW: 425.61 MOLFM: C21-H23-N5-O-S2

SYN: 1-((5-((2-INDOLYLMETHYL)AMINO)-2-THIADIAZOLYL)THIO)-3-(o-TOLUIDINO)-2-PROPANOL

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:500 mg/kg	ARPMAS 316,493,83

2-PROPANOL, 1-(4-INDOLYLOXY)-3-(ISOPROPYLAMINO)- see: UB6660000

UB6660000 2-PROPANOL, 1-(1H-INDOL-4-YLOXY)-3-((1-METHYLETHYL)AMINO)-

UPDT:8405 CAS: 13523-86-9 MW: 248.36 MOLFM: C14-H20-N2-O2

SYN: CALVISKEN * CARDILATE * 4-(2-HYDROXY-3-ISOPROPYLAMINOPROPOXY)-INDOLE * 1-(4-INDOLYLOXY)-3-ISOPROPYLAMINO)-2-PROPANOL * 1-(1H-INDOL-4-YLOXY)-3-((1-METHYLETHYL)AMINO)-2-PROPANOL * LB-46 * PINDOLOL * PRINODOLOL * 2-PROPANOL, 1-(4-INDOLYLOXY)-3-(ISOPROPYLAMINO)- * VISKEN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T03	orl-rat TDLo:6300 mg/kg (30D male)	YACHDS 9,3573,81
1T13	orl-rat TDLo:6300 mg/kg (30D pre)	YACHDS 9,3573,81

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:263 mg/kg	NIGZAY 84,438,70
*	ipr-rat LD50:110 mg/kg	IYKEDH 4,90,73
	scu-rat LD50:251 mg/kg	NIGZAY 84,438,70
	ivn-rat LD50:51 mg/kg	NIGZAY 84,438,70
3D16F07F12	orl-mus LD50:250 mg/kg	YACHDS 9,3573,81
3D16F07F12	ipr-mus LD50:80 mg/kg	YACHDS 9,3573,81
	scu-mus LD50:336 mg/kg	NIGZAY 84,438,70
*	ivn-mus LD50:35700 ug/kg	IYKEDH 4,90,73
*	ivn-rbt LD50:10 mg/kg	ARZNAD 27,1022,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UB6670000 2-PROPANOL, 1-(1H-INDOL-4-YLOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE

UPDT:8403 CAS: 51246-70-9 MW: 503.58 MOLFM: C14-H20-N2-O2 xCl-H

SYN: 1-(1H-INDOL-4-YLOXY)-3-((1-METHYLETHYL)AMINO)-2-PROPANOL HYDROCHLORIDE * PINDOLOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:29 mg/kg	PCJOAU 16,838,82

UB6796500 1-PROPANOL, 2-(ISOBUTYLAMINO)-2-METHYL-, BENZOATE (ester), HYDROCHLORIDE

UPDT:8303 CAS: 3562-15-0 MW: 285.85 MOLFM: C15-H23-N-O2 Cl-H

SYN: 2-(ISOBUTYLAMINO)-2-METHYL-1-PROPANOL BENZOATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F12F13J26	ipr-mus LD50:243 mg/kg	AIPTAK 115,483,58
3F12F13J26	scu-mus LD50:298 mg/kg	AIPTAK 115,483,58
3F12F13J26	ivn-mus LD50:19 mg/kg	AIPTAK 115,483,58

UB7450000 2-PROPANOL, 1-ISOPROPYLAMINO-3-(p-(2-METHOXYETHYL)PHENOXY)-, TARTRATE

UPDT:8408 CAS: 74220-04-5 MW: 417.51 MOLFM: C15-H25-N-O3 C4-H6-O6

SYN: BELOC * BETALOC * LOPRESOR * LOPRESSOR * METOPROLOL TARTRATE * PRELIS * SELOKEN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T72T76	orl-rat TDLo:12 gm/kg (9W male/2W pre-3W post)	APTSAI 36,96,75

TOXICITY DATA AND REFERENCES:

3G08H02J24	orl-hmn TDLo:160 mg/kg	BMJOAE 1,222,76
	orl-rat LD50:2000 mg/kg	BMJOAE 1,222,76
3F07F19D17	ivn-rat LD50:72 mg/kg	APTSAI 36,96,75
2F07F12	orl-mus LD50:2090 mg/kg	DRUGAY 14,321,77
2F07F12	ivn-mus LD50:69 mg/kg	APTSAI 36,96,75

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: DRUGAY 14,321,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UB7450100 2-PROPANOL, 1-(ISOPROPYLAMINO)-3-(p-(2-METHOXYETHYL)PHENOXY)-, TARTRATE (2:1)

UPDT:8309 MW: 342.41 MOLFM: C15-H25-N-O3 1/2C4-H6-O6

SYN: (+-)-1-(ISOPROPYLAMINO)-3-(p-(2-METHOXYETHYL)PHENOXY)-2-PROPANOL HEMI-L-TARTRATE * 1-(ISOPROPYLAMINO)-3-(p-(2-METHOXYETHYL)PHENOXY)-2-PROPANOL TARTRATE (2:1) * METOPROLOL HEMITARTRATE * METOPROLOL TARTRATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:5500 mg/kg	IYKEDH 14,297,83
*	ipr-rat LD50:232 mg/kg	IYKEDH 14,297,83
*	scu-rat LD50:1180 mg/kg	IYKEDH 14,297,83
*	ivn-rat LD50:90 mg/kg	IYKEDH 14,297,83
*	orl-mus LD50:1480 mg/kg	IYKEDH 14,297,83
*	ipr-mus LD50:204 mg/kg	IYKEDH 14,297,83
*	scu-mus LD50:510 mg/kg	IYKEDH 14,297,83
*	ivn-mus LD50:84 mg/kg	IYKEDH 14,297,83
*	orl-dog LD50:1090 mg/kg	IYKEDH 14,297,83
*	orl-rbt LD50:604 mg/kg	IYKEDH 14,297,83
*	ivn-rbt LD50:28700 ug/kg	IYKEDH 14,297,83

UB7487000 1-PROPANOL, 2-(ISOPROPYLAMINO)-2-METHYL-, BENZOATE (ester), HYDROCHLORIDE

UPDT:8303 MW: 271.82 MOLFM: C14-H21-N-O2 Cl-H

SYN: 2-(ISOPROP\`LAMINO)-2-METHYL-1-PROPANOL BENZOATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J26 ipr-mus LD50:231 mg/kg AIPTAK 115,483,58

UB7488000 2-PROPANOL, 1-(ISOPROPYLAMINO)-3-(5-METHYL-3-THIENYLOXY)-
UPDT:8308 MW: 229.37 MOLFM: C11-H19-N-O2-S
SYN: 1-(ISOPROPYLAMINO)-3-(5-METHYL-3-THIENYLOXY)-2-PROPANOL
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:55 mg/kg EJMCA5 18,151,83

UB7500000 2-PROPANOL, 1-(ISOPROPYLAMINO)-3-(1-NAPHTHYLOXY)-
UPDT:8412 CAS: 525-66-6 MW: 259.38 MOLFM: C16-H21-N-O2
SYN: AY 64043 * DOCITON * ICI 45520 * INDERAL * 1-ISOPROPYLAMINE-3-(1-NAPHTHYLOXY)-2-PROPANOL * 1-ISOPROPYLAMINO-3-(1-NAPHTHYLOXY)-2-PROPANOL * NSC-91523 * PROPANALOL * PROPANOLOL * PROPRANALOL * PROPRANOLOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T31T48T74 orl-wmn TDLo:1096 mg/kg (1-40W preg) JOPDAB 86,962,75
3T74T77T81 mul-wmn TDLo:932 mg/kg (4-40W preg) AACRAT 53,214,74
2T47T81 scu-rat TDLo:650 mg/kg (8-20D preg) TJADAB 27,48A,83
1T83 scu-rat TDLo:325 mg/kg (8-20D preg) TJADAB 27,48A,83
TOXICITY DATA AND REFERENCES:
1F08 orl-hmn TDLo:2300 ug/kg/D BMJOAE 1,1182,78
* orl-wmn LDLo:120 mg/kg APTOA6 41,190,77
orl-chd LDLo:800 ug/kg/12H BMJOAE 2,254,78
2F12G04 orl-chd TDLo:400 mg/kg MJAUAJ 1,82,81
ivn-hmn LDLo:71 ug/kg LANCAO 1,165,67
* ivn-rat LD50:27 mg/kg PHARAT 38,409,83
orl-mus LD50:320 mg/kg DRFUD4 4,442,79
1E03 ipr-mus LD50:42 mg/kg AIMJA9 30,23,79
* scu-mus LD50:150 mg/kg FATOAO 44,342,81
ivn-mus LD50:23 mg/kg DRFUD4 4,442,79
* ivn-rbt LD50:12 mg/kg ARZNAD 27,1022,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UB7510000 2-PROPANOL, 1-(ISOPROPYLAMINO)-3-(1-NAPHTHYLOXY)-, (+ -)-
UPDT:8312 CAS: 13013-17-7 MW: 259.38 MOLFM: C16-H21-N-O2
SYN: 2-PROPANOL, 1-((1-METHYLETHYL)AMINO)-3-(1-NAPHTHALENYLOXY)-, (+ -)- (9CI) * (+ -)-PROPRANOLOL * dl-PROPRANOLOL * DL PROPRANOLOL * RACEMIC PROPRANOLOL
MUTATION DATA AND REFERENCES:
dnd-rat:lvr 10 mmol/L JJIND8 70,747,83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 orl-rat TDLo:1100 mg/kg (1-22D preg) PEREBL 12,747,78
1T72 orl-rat TDLo:2200 mg/kg (1-22D preg) PEREBL 12,747,78
1T83 orl-rat TDLo:229 mg/kg (8-22D preg) JPETAB 208,118,79
TOXICITY DATA AND REFERENCES:
3F11F12F19 ivn-rat LD50:2750 ug/kg PJPPAA 32,823,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UB7525000 2-PROPANOL, 1-(ISOPROPYLAMINO)-3-(1-NAPHTHYLOXY)-, HYDROCHLORIDE
UPDT:8412 CAS: 318-98-9 MW: 295.84 MOLFM: C16-H21-N-O2 Cl-H
SYN: ANAPRILIN * AY 64043 * BERKOLOL * BETA-NEG * CARIDOROL * DERALIN * DOCITON * FREKVEN * ICI 45520 * INDERAL * INDERAL HYDROCHLORIDE * INDEROL * INDEREX * INDOBLOC * 1-(ISOPROPYLAMINO)-3-(alpha-NAPHTHOXY)-2-PROPANOL HYDROCHLORIDE * 1-ISOPROPYLAMINO-3-(1-NAPHTHOXY)-PROPAN-2-OL-HYDROCHLORIDE * 1-(ISOPROPYLAMINO)-3-(1-NAPHTHYLOXY)PROPAN-2-OL HYDROCHLORIDE * 1-(ISOPROPYLAMINO)-3-(1-NAPHTHYLOXY)-2-PROPANOL HYDROCHLORIDE * KEMI * 1-(1-NAPHTHYLOXY)-2-HYDROXY-3-ISOPROPYLAMINOPROPANE HYDROCHLORIDE * NSC-91523 * PROPRANOLOL * OPOSIM * PROPRANOLOL HYDROCHLORIDE * PROPRANOLON HYDROCHLORIDE * 2-PROPANOL, 1-((1-METHYLETHYL)AMINO)-3-(1-NAPHTHALENYLOXY)-, HYDROCHLORIDE * PYLAPRON * RAPYNOGEN * TESNOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T21T24T29 ivn-rbt TDLo:10500 ug/kg (7D pre) CCPTAY 12,53,75
TOXICITY DATA AND REFERENCES:
1C17 orl-rat LD50:515 mg/kg PCJOAU 2,362,68
3F18F33J22 ipr-rat LD50:76 mg/kg ARZNAD 26,506,76
* ivn-rat LD50:25 mg/kg NIIRDN 6,733,82
* orl-mus LD50:320 mg/kg OYYAA2 2,70,68
3F18F33J22 ipr-mus LD50:105 mg/kg ARZNAD 26,506,76
ivn-mus LD50:22 mg/kg EJMCA5 9,563,74
* orl-rbt LD50:600 mg/kg NIIRDN 6,733,82
* ivn-rbt LD50:7500 ug/kg NIIRDN 6,733,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UB7526000 2-PROPANOL, 1-(ISOPROPYLAMINO)-3-(1-NAPHTHYLOXY)-, HYDROCHLORIDE, (+ -)-
UPDT:8402 CAS: 3506-09-0 MW: 295.84 MOLFM: C16-H21-N-O2 Cl-H
SYN: (+ -)-1-(ISOPROPYLAMINO)-3-(1-NAPHTHYLOXY)-2-PROPANOL HYDROCHLORIDE * DL-PROPRANOLOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:380 mg/kg EJPHAZ 15,151,71
* ipr-mus LD50:114 mg/kg EJPHAZ 15,151,71
* ivn-mus LD50:35 mg/kg EJPHAZ 15,151,71

UB7575500 2-PROPANOL, 1-(ISOPROPYLAMINO)-3-(2-THIENYLOXY)-
UPDT:8308 MW: 215.34 MOLFM: C10-H17-N-O2-S
SYN: 1-(ISOPROPYLAMINO)-3-(2-THIENYLOXY)-2-PROPANOL
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:58 mg/kg EJMCA5 18,151,83

UB7575550 2-PROPANOL, 1-(ISOPROPYLAMINO)-3-(3-THIENYLOXY)-
UPDT:8308 MW: 215.34 MOLFM: C10-H17-N-O2-S
SYN: 1-(ISOPROPYLAMINO)-3-(3-THIENYLOXY)-2-PROPANOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg EJMCA5 18,151,83
* ivn-mus LD50:60 mg/kg EJMCA5 18,151,83

UB7578500 2-PROPANOL, 1-(ISOPROPYLAMINO)-3-(m-TOLYLOXY)-
UPDT:8300 CAS: 2933-94-0 MW: 223.35 MOLFM: C13-H21-N-O2
SYN: ISOPROPYLAMINO-1-m-TOLYLOXY-3-PROPAN-2-OL (German) * 1-(ISOPROPYLAMINO)-3-(m-TOLYLOXY)-2-PROPANOL * MHIP * 2-PROPANOL, 1-((1-METHYLETHYL)AMINO)-3-(3-METHYLPHENOXY)- (9CI) * TOLIPROLOL
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:31 mg/kg ARZNAD 28,974,78

UB7600000 2-PROPANOL, 1-(2-ISOPROPYL-5-METHYLPHENOXY)-3-(4-PHENYLPIPERAZINYL)-, DIHYDROCHLORIDE
UPDT:8310 CAS: 63716-14-3 MW: 441.49 MOLFM: C23-H32-N2-O2 2Cl-H
SYN: 3-(ISOPROPYLAMINO)-1-(m-TOLYLOXY)-2-PROPANOL HYDROCHLORIDE * TOLIPROLOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:400 mg/kg JMCMAR 16,797,73
* ivn-mus LD50:40 mg/kg ARZNAD 27,1022,77

UB7700000 2-PROPANOL, 1-METHOXY-
UPDT:8406 CAS: 107-98-2 MW: 90.14 MOLFM: C4-H10-O2
SYN: DOWANOL 33B * DOWTHERM 209 * GLYCOL ETHER PM * METHOXY ETHER of PROPYLENE GLYCOL * 1-METHOXY-2-PROPANOL * POLY-SOLVE MPM * PROPASOL SOLVENT M * PROPYLENE GLYCOL METHYL ETHER * PROPYLENE GLYCOL MONOMETHYL ETHER * alpha-PROPYLENE GLYCOL MONOMETHYL ETHER * PROPYLENGLYKOL-MONOMETHYLAETHER (German) * UCAR SOLVENT LM (OBS.)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 11/15/71
eye-rbt 230 mg MLD AMIHBC 9,509,54
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5660 mg/kg AIHAAP 23,95,62
1F01 ihl-rat LCLo:7000 ppm/4H AMIHBC 9,509,54
ipr-rat LD50:4200 mg/kg ARZNAD 22,569,72
scu-rat LD50:7800 mg/kg ARZNAD 22,569,72
ivn-rat LD50:4200 mg/kg ARZNAD 22,569,72
orl-mus LD50:11700 mg/kg ARZNAD 22,569,72
ivn-mus LD50:5300 mg/kg ARZNAD 22,569,72
orl-dog LDLo:10 gm/kg JPETAB 102,79,51
scu-dog LD50:5000 mg/kg ARZNAD 22,569,72
ivn-dog LD50:1200 mg/kg ARZNAD 22,569,72
orl-rbt LD50:8 gm/kg ARZNAD 22,569,72
* ihl-rbt LCLo:15000 ppm/7H AMIHBC 9,509,54
skn-rbt LD50:13 gm/kg NPIRI* 1,105,74
ihl-gpg LCLo:15000 ppm/7H AMIHBC 9,509,54
REVIEW AND REFERENCES:
★ TLV-TWA 100 ppm; STEL 150 ppm DTLVS* 4,351,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UB7875400 2-PROPANOL, 1-(4-(2-METHOXYETHYL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, (+ -)-
UPDT:8408 CAS: 37350-58-6 MW: 267.41 MOLFM: C15-H25-N-O3
SYN: CGP 2175 * H 93/26 * METOPROLOL * (+ -)-METOPROLOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T72T76 orl-rat TDLo:60 gm/kg (9W male/2W pre-3W post) APTSAI 36,96,75
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1050 mg/kg USXXAM #4252984
* ivn-mus LD50:62 mg/kg USXXAM #4252984
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UB7883000 2-PROPANOL, 1-((2-(4-METHOXYPHENYL)-1-ISOPROPYL-1H-INDOL-4-YL)OXY)-3-ISOPROPYLAMINO-, HEXANEDIOATE (1:1) (salt)
UPDT:8405 CAS: 76410-41-8 MW: 542.74 MOLFM: C24-H32-N2-O3 C6-H10-O4
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

UB7893000 2-PROPANOL, 1-((2-(4-METHOXYPHENYL)-1-PHENYL-1H-INDOL-4-YL)OXY)-3-(ISOPROPYLAMINO)-, MONOHYDROCHLORIDE
UPDT:8405 CAS: 76410-39-4 MW: 467.05 MOLFM: C27-H30-N2-O3 Cl-H
SYN: 1-((2-(4-METHOXYPHENYL)-1-PHENYL-1H-INDOL-4-YL)OXY)-3-(ISOPROPYLAMINO)-2-PROPANOL HCl
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:21 mg/kg PCJOAU 14,794,80

UB8050000 1-PROPANOL, 2-(2-(2-METHOXYPROPOXY)PROPOXY)-
UPDT:8305 CAS: 10213-77-1 MW: 206.32 MOLFM: C10-H22-O4
SYN: TRIPROPYLENE GLYCOL, METHYL ETHER * DOWANOL * DOWANOL 62B * GLYCOL ETHER TPM * POLY-SOLV TPM
IRRITATION DATA AND REFERENCES:
eye-rbt 243 mg MLD AMIHBC 9,509,54
TOXICITY DATA AND REFERENCES:
1L30 orl-rat LD50:3300 mg/kg AMIHBC 9,509,54
orl-dog LDLo:5000 mg/kg JPETAB 102,79,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1-PROPANOL, 2-METHYL- see: NP9625000
2-PROPANOL, 2-METHYL- see: EO1925000

UB8410000 2-PROPANOL, 1-((1-METHYLETHYL)AMINO)-3-((2-(1-((1-METHYLETHYL)IMINO)ETHYL)-4-BENZOFURANYL) OXY)-
UPDT:8408 CAS: 39552-05-1 MW: 332.49 MOLFM: C19-H28-N2-O3
SYN: 2-(1-ISOPROPYLIMINO)ETHYL-4-(2-HYDROXY-3-ISOPROPYLAMINOPROPOXY)BENZOFURAN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:45 mg/kg GWXXBX #2223184

UB8411000 2-PROPANOL, 1-((1-METHYLETHYL)AMINO)-3-((2-(1-((1-METHYLETHYL)IMINO)ETHYL)-7-BENZOFURANYL) OXY)-
UPDT:8408 CAS: 39552-03-9 MW: 332.49 MOLFM: C19-H28-N2-O3
SYN: 2-(1-ISOPROPYLIMINO)ETHYL-7-(2-HYDROXY-3-ISOPROPYLAMINOPROPOXY)BENZOFURAN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:65 mg/kg GWXXBX #2223184

2-PROPANOL, 1-((1-METHYLETHYL)AMINO)-3-(3-METHYLPHENOXY)- (9CI) see: UB7578500
2-PROPANOL, 1-((1-METHYLETHYL)AMINO)-3-(1-NAPHTHALENYLOXY)-, (+ -)- (9CI) see: UB7510000
2-PROPANOL, 1-((1-METHYLETHYL)AMINO)-3-(1-NAPHTHALENYLOXY)-, HYDROCHLORIDE see: UB7525000
2-PROPANOL, 1-((1-METHYLETHYL)AMINO)-3-(2-(2-PROPENYLOXY)PHENOXY)- see: UA5270000
2-PROPANOL, 1-((1-METHYLETHYL)AMINO)-3-(2-(2-PROPENYL)PHENOXY)- see: UA5350000
2-PROPANOL, 1-((1-METHYLETHYL)-AMINO)-3-(2-(2-PROPENYL)PHENOXY)-, HYDROCHLORIDE see: UA5425000

UB8550000 1-PROPANOL, 2-METHYL-2-(METHYLAMINO)-, BENZOATE (ester), HYDROCHLORIDE
UPDT:8303 MW: 243.76 MOLFM: C12-H17-N-O2 Cl-H
SYN: 2-METHYL-2-(METHYLAMINO)-1-PROPANOL BENZOATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J26 ipr-mus LD50:332 mg/kg AIPTAK 115,483,58

UB8565000 PROPANOL, 3-(METHYL(beta-METHYLPHENETHYL)AMINO)-, ACETATE, HYDROCHLORIDE
UPDT:8405 MW: 285.85 MOLFM: C15-H23-N-O2 Cl-H
SYN: 3-(METHYL(beta-METHYLPHENETHYL) AMINO)PROPANOL ACETATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:269 mg/kg JAPMA8 40,47,51

UB8580000 1-PROPANOL, 2-METHYL-2-NITRO-, NITRATE
UPDT:8308 MW: 164.14 MOLFM: C4-H8-N2-O5
SYN: 2-METHYL-2-NITRO-PROPANOL NITRATE * 2-NITRO-2-METHYLPROPANOL NITRATE
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

UB8590000 2-PROPANOL, 1-(METHYLNITROSOAMINO)-
UPDT:8411 MW: 118.16 MOLFM: C4-H10-N2-O2
SYN: MHP * N-NITROSOMETHYL-2-HYDROXYPROPYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 100 umol/L CNREA8 40,3463,80
msc-ham:lng 200 umol/L CNREA8 40,3463,80
TUMORIGENIC DATA AND REFERENCES:
3V03D09K60 orl-rat TDLo:300 mg/kg/30W-I CALEDQ 22,83,84
3V03D09K60 orl-rat TD :375 mg/kg/30W-I CALEDQ 22,83,84
3V03K60L60 orl-rat TD :1100 mg/kg/22W-I JJIND8 70,959,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-PROPANOL, 2-(N-METHYL-N-NITROSOAMINO)-1-PHENYL- see: DP0600000

UB8601500 1-PROPANOL, 2-METHYL-2-(PENTYLAMINO)-, BENZOATE (ester), HYDROCHLORIDE
UPDT:8303 MW: 299.88 MOLFM: C16-H25-N-O2 Cl-H

SYN: 2-METHYL-2-(PENTYLAMINO)-1-PROPANOL BENZOATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F12F13J26	ipr-mus LD50:165 mg/kg	AIPTAK 115,483,58

UB8608000 2-PROPANOL, 1-(3-METHYLPHENOXY)-3-((2-(m-NITROANILINO)ETHYL)AMINO)-, MONOHYDROCHLORIDE

UPDT:8405 CAS: 76210-97-4 MW: 381.90 MOLFM: C18-H23-N3-O4 Cl-H

SYN: 1-(3-METHYLPHENOXY)-3-((2-(m-NITROANILINO)ETHYL)AMINO)-2-PROPANOL HYDROCHLORIDE * 2-PROPANOL, 1-(3-METHYLPHENOXY)-3-((2-((3-NITROPHENYL)AMINO)ETHYL)AMINO)-, HCl (10CI)

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:26 mg/kg	PHARAT 38,409,83

2-PROPANOL, 1-(3-METHYLPHENOXY)-3-((2-((3-NITROPHENYL)AMINO)ETHYL)AMINO)-, HCl (10CI) see: UB8608000

UB8610000 2-PROPANOL, 1-(2-METHYLPHENOXY)-3-(3-PIPERIDINO)-, HYDROCHLORIDE

UPDT:8403 CAS: 69440-57-9

SYN: 3,6-DIHYDRO-alpha-((2-METHYLPHENOXY)METHYL)-1(2H)-PYRIDINEETHANOL HYDROCHLORIDE * 1-(2-METHYLPHENOXY)-3-(3-PIPERIDINO)-2-PROPANOL HYDROCHLORIDE * 1-delta(sup 3)-PIPERIDINO-beta-HYDROXY-gamma-o-TOLOXYPROPANE HYDROCHLORIDE * PROPONESIN HYDROCHLORIDE * 1(2H)-PYRIDINEETHANOL, 3,6-DIHYDRO-alpha-((2-METHYLPHENOXY)METHYL)- * 1-(1,2,3,6-TETRAHYDROPYRIDINO)-3-o-TOLYLOXYPROPAN-2-OL HYDROCHLORIDE * TOLPRONINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:146 mg/kg	MEIEDD 10,1363,83

2-PROPANOL, 1-((2-((2-METHYLPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, HYDROCHLORIDE (10CI) see: UB8958000

UB8619000 2-PROPANOL, 1-(METHYL(2-PIPERIDINOETHYL)AMINO)-3-(o-TOLYLOXY)-, DIHYDROCHLORIDE

UPDT:8408 CAS: 22820-36-6 MW: 379.42 MOLFM: C18-H30-N2-O2 2Cl-H

SYN: 1-(METHYL(2-PIPERIDINOETHYL)AMINO)-3-(o-TOLYLOXY)-2-PROPANOL DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:208 mg/kg	YKKZAJ 89,194,69
*	ivn-mus LD50:51200 ug/kg	YKKZAJ 89,194,69

UB8654300 1-PROPANOL, 2-METHYL-2-(PROPYLAMINO)-, BENZOATE (ester), HYDROCHLORIDE

UPDT:8401 CAS: 956-03-6 MW: 271.82 MOLFM: C14-H21-N-O2 Cl-H

SYN: MEPRYLCAINE HYDROCHLORIDE * 2-METHYL-2-(PROPYLAMINO)-1-PROPANOL BENZOATE HYDROCHLORIDE * ORACAINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F12F13J26	ipr-mus LD50:225 mg/kg	AIPTAK 115,483,58
3F12F12J26	scu-mus LD50:262 mg/kg	AIPTAK 115,483,58
3F12F13J26	ivn-mus LD50:21 mg/kg	AIPTAK 115,483,58

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UB8750000 2-PROPANOL, 1,1',1''-NITRILOTRI-

UPDT:8307 CAS: 122-20-3 MW: 191.31 MOLFM: C9-H21-N-O3

SYN: 1,1',1''-NITRILOTRI-2-PROPANOL * TRIISOPROPANOLAMINE * TRIS(2-HYDROXYPROPYL)AMINE * TRIS(2-HYDROXY-1-PROPYL)AMINE

IRRITATION DATA AND REFERENCES:

	eye-rbt 5 mg SEV	AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:6500 mg/kg	JIHTAB 30,63,48
1F23	orl-mus LD50:2520 mg/kg	GISAAA 45(3),79,80
1F23	orl-rbt LD50:11 gm/kg	GISAAA 45(3),79,80
	skn-rbt LDLo:10 gm/kg	UCDS** 4/21/67
	orl-gpg LD50:1080 mg/kg	JIHTAB 23,259,41

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

2-PROPANOL NITRITE see: RA0930000 NITROUS ACID, ISOPROPYL ESTER

UB8752200 1-PROPANOL, 3-NITRO-

UPDT:8411 CAS: 25182-84-7 MW: 105.11 MOLFM: C3-H7-N-O3

TOXICITY DATA AND REFERENCES:

3F07F24J22	orl-rat LD50:77 mg/kg	TOLED5 19,171,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UB8752500 2-PROPANOL, 1-((2-(m-NITROANILINO)ETHYL)AMINO)-3-PHENOXY-, MONOHYDROCHLORIDE

UPDT:8405 CAS: 71314-33-5 MW: 367.87 MOLFM: C17-H21-N3-O4 Cl-H

SYN: 1-((2-(m-NITROANILINO)ETHYL)AMINO)-3-PHENOXY-2-PROPANOL HYDROCHLORIDE * 2-PROPANOL, 1-((2-((3-NITROPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, MONOHYDROCHLORIDE (10CI)

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:44 mg/kg	PHARAT 38,409,83

UB8752550 2-PROPANOL, 1-((2-(o-NITROANILINO)ETHYL)AMINO)-3-PHENOXY-, MONOHYDROCHLORIDE

UPDT:8405 CAS: 71314-31-3 MW: 367.87 MOLFM: C17-H21-N3-O4 Cl-H

SYN: 1-((2-(o-NITROANILINO)ETHYL)AMINO)-3-PHENOXY-2-PROPANOL HYDROCHLORIDE * 2-PROPANOL, 1-((2-((2-NITROPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, MONOHYDROCHLORIDE (10CI)

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:21 mg/kg	PHARAT 38,409,83

UB8752600 2-PROPANOL, 1-((2-(p-NITROANILINO)ETHYL)AMINO)-3-PHENOXY-, MONOHYDROCHLORIDE

UPDT:8405 CAS: 71314-29-9 MW: 367.87 MOLFM: C17-H21-N3-O4 Cl-H

SYN: 1-((2-(p-NITROANILINO)ETHYL)AMINO)-3-PHENOXY-2-PROPANOL HYDROCHLORIDE * 2-PROPANOL, 1-((2-((4-NITROPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, MONOHYDROCHLORIDE (10CI)

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:57 mg/kg	PHARAT 38,409,83

2-PROPANOL, 1-(4-NITROPHENOXY)-3-((2-(PHENYLAMINO)ETHYL)AMINO)-, MONOHYDROCHLORIDE (10CI) see: UA7250250

2-PROPANOL, 1-((2-((2-NITROPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, MONOHYDROCHLORIDE (10CI) see: UB8752550

2-PROPANOL, 1-((2-((3-NITROPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, MONOHYDROCHLORIDE (10CI) see: UB8752500

2-PROPANOL, 1-((2-((4-NITROPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, MONOHYDROCHLORIDE (10CI) see: UB8752600

2-PROPANOL, N-NITROSO-1,1'-IMINODI- see: JL9650000

2-PROPANOL, 1,1'-NITROSOIMINODI- see: JL9650000

UB8758000 2-PROPANOL, 1,1'-(N-NITROSOIMINO)DI-, DIACETATE

UPDT:8401 CAS: 60414-81-5 MW: 246.30 MOLFM: C10-H18-N2-O5

SYN: BAP * N-NITROSOBIS(2-ACETOXYPROPYL)AMINE

TUMORIGENIC DATA AND REFERENCES:

3V01J61L60	scu-mus TDLo:6370 mg/kg/26W-I	CALEDQ 9,257,80
2V03V10	skn-ham TDLo:14 gm/kg/41W-I	CALEDQ 3,109,77
3V02J61L60	scu-ham TDLo:3500 mg/kg/20W-I	CNREA8 36,2877,76
3V03J61L60	scu-ham TD:4200 mg/kg/6W-I	CALEDQ 1,197,76
3V01J61L60	scu-mus TD:7350 mg/kg/15W-I	CALEDQ 9,257,80
3J61L60V01	scu-mus TD:17 gm/kg/17W-I	CALEDQ 9,257,80

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:4898 mg/kg	CALEDQ 9,257,80
	scu-ham LD50:6500 mg/kg	CALEDQ 1,197,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROPANOLOL see: UB7500000

PROPANOLONE see: UZ0700000

UB8785000 2-PROPANOL, 1,1'-OXYDI-

UPDT:8402 CAS: 110-98-5 MW: 134.20 MOLFM: C6-H14-O3

SYN: 2,2'-DIHYDROXYDIPROPYL ETHER * 2,2'-DIHYDROXYISOPROPYL ETHER * DIPROPYLENE GLYCOL * 1,1'-OXYDI-2-PROPANOL

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MLD	FCTXAV 16,729,78
	eye-rbt 510 mg	AJOPAA 29,1363,46

MUTATION DATA AND REFERENCES:

	mma-sat 10 mg/plate	CALEDQ 18,271,83

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:15 gm/kg	UCDS** 12/17/71
*	ipr-rat LD50:10 gm/kg	FCTXAV 16,729,78
	ivn-rat LD50:5800 mg/kg	AMIHBC 3,448,51
1M03	ipr-mus LD50:4490 mg/kg	FEPRA7 6,342,47
1F25	ivn-dog LD50:11500 mg/kg	FCTXAV 16,729,78
*	orl-gpg LD50:17600 mg/kg	GWXXBX #2703360

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UB8787500 1-PROPANOL, 3,3'-OXYDI-, DIBENZOATE

UPDT:8312 CAS: 94-51-9 MW: 342.42 MOLFM: C20-H22-O5

SYN: BENZOFLEX 9-88 * BENZOFLEX 9-98 * BENZOFLEX 9-88 SG * BENZOIC ACID, DIESTER with DIPROPYLENE GLYCOL * BENZOIC ACID, n-DIPROPYLENE GLYCOL DIESTER * DIBENZOYL DIPROPYLENE GLYCOL ESTER * DIPROPANEDIOL DIBENZOATE * DIPROPYLENE GLYCOL DIBENZOATE * K-FLEX DP * 3,3'-OXYDI-1-PROPANOL, DIBENZOATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:9800 mg/kg	AIHAAP 23,95,62

UB8810000 2-PROPANOL, 1,1'-(PENTAMETHYLENEDIOXY)BIS(3-CHLORO-

UPDT:8303 CAS: 24771-52-6 MW: 289.23 MOLFM: C11-H22-Cl2-O4

SYN: 1,1'-(PENTAMETHYLENEDIOXY)BIS(3-CHLORO-2-PROPANOL) * U-15,646

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T23	orl-rat TDLo:960 mg/kg (8D male)	JRPFA4 21,263,70

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2248 mg/kg	JRPFA4 21,267,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UB8860000 2-PROPANOL, 1-PHENETHYLAMINO-3-PHENOXY-, MONOHYDROCHLORIDE

UPDT:8405 MW: 307.85 MOLFM: C17-H21-N-O2 Cl-H

SYN: 1-PHENETHYLAMINO-3-PHENOXY-2-PROPANOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:12 mg/kg	PHARAT 38,409,83

UB8950000 2-PROPANOL, 1-PHENOXY-3-(2-PROPYNYLOXY)-, CARBAMATE

UPDT:8307 CAS: 16221-63-9 MW: 249.29 MOLFM: C13-H15-N-O4

SYN: 1-PHENYL-3-(2-PROPYNYLOXY)-2-PROPANOL CARBAMATE * 1-PROPARGYL-2-CARBAMOYL GLYCEROL 3-PHENYL ETHER

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:2000 mg/kg	CHTPBA 4,474,69

UB8958000 2-PROPANOL, 1-PHENOXY-3-((2-(o-TOLUIDINO)ETHYL)AMINO)-, MONOHYDROCHLORIDE

UPDT:8405 CAS: 71314-14-2 MW: 336.90 MOLFM: C18-H24-N2-O2 Cl-H

SYN: 1-PHENOXY-3-((2-(o-TOLUIDINO)ETHYL)AMINO)-2-PROPANOL HYDROCHLORIDE * 2-PROPANOL, 1-((2-((2-METHYLPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, HYDROCHLORIDE (10CI)

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:28 mg/kg	PHARAT 38,409,83

UB8961000 2-PROPANOL, 1-PHENOXY-3-((2-(2,5-XYLIDINO)ETHYL)AMINO)-, MONOHYDROCHLORIDE

UPDT:8405 MW: 350.93 MOLFM: C19-H26-N2-O2 Cl-H

SYN: 1-PHENOXY-3-((2-(2,5-XYLIDINO)ETHYL)AMINO)-2-PROPANOL HYDROCHLORIDE * 2-PROPANOL, 1-((2-((2,5-DIMETHYLPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, HYDROCHLORIDE (10CI)

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:29 mg/kg	PHARAT 38,409,83

UB8961100 2-PROPANOL, 1-PHENOXY-3-((2-(2,6-XYLIDINO)ETHYL)AMINO)-, MONOHYDROCHLORIDE

UPDT:8405 CAS: 71314-17-5 MW: 350.93 MOLFM: C19-H26-N2-O2 Cl-H

SYN: 1-PHENOXY-3-((2-(2,6-XYLIDINO)ETHYL)AMINO)-2-PROPANOL HYDROCHLORIDE * 2-PROPANOL, 1-((2-((2,6-DIMETHYLPHENYL)AMINO)ETHYL)AMINO)-3-PHENOXY-, HYDROCHLORIDE (10CI)

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:32 mg/kg	PHARAT 38,409,83

UB8968000 PROPANOL, PHENYL-

UPDT:8303 MW: 136.21 MOLFM: C9-H12-O

SYN: PHENYLPROPANOL

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1500 mg/kg	NIIRDN 6,659,82

UB8970000 1-PROPANOL, 3-PHENYL-

UPDT:8305 CAS: 122-97-4 MW: 136.21 MOLFM: C9-H12-O

SYN: 3-BENZENEPROPANOL * HYDROCINNAMIC ALCOHOL * HYDROCINNAMYL ALCOHOL * (3-HYDROXYPROPYL)BENZENE * gamma-PHENYLPROPANOL * 3-PHENYLPROPANOL * 3-PHENYL-1-PROPANOL * PHENYLPROPYL ALCOHOL * gamma-PHENYLPROPYL ALCOHOL * 3-PHENYLPROPYL ALCOHOL

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	FCTXAV 17,893,79

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2300 mg/kg	FCTXAV 17,893,79
*	skn-rbt LD50:5000 mg/kg	FCTXAV 17,893,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UB9000000 1-PROPANOL, 3-PHENYL-, ACETATE

UPDT:8305 CAS: 122-72-5 MW: 178.25 MOLFM: C11-H14-O2

SYN: HYDROCINNAMYL ACETATE * 3-PHENYL-1-PROPANOL, ACETATE * PHENYLPROPYL ACETATE * 3-PHENYLPROPYL ACETATE * 3-PHENYL-1-PROPYL ACETATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:4700 mg/kg	FCTXAV 12,965,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UB9275000 1-PROPANOL, 3-PHENYL-, CARBAMATE

UPDT:8305 CAS: 673-31-4 MW: 179.24 MOLFM: C10-H13-N-O2

SYN: ACTOZINE * ANSEPRON * BENZENEPROPANOL CARBAMATE * CARBAMIC ACID, 3-PHENYLPROPYL ESTER * 1-CARBAMOYLOXY-3-PHENYLPROPANE * EIRENAL * EXTACOL * FENPROBAMATO * GAMAQUIL * Hg 532 * MH 532 * PALMITA * PHENOPROBAMATE * PHENPROBAMATE * 3-PHENYL-1-PROPANOL CARBAMATE * gamma-PHENYLPROPYLCARBAMAT (German) * gamma-PHENYLPROPYL CARBAMATE * PROFORMIPHEN * QUAMAQUIL * SPANTOL * TRANQUIL

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1565 mg/kg	ARZNAD 9,143,59
1Y55	ipr-rat LD50:275 mg/kg	AIPTAK 123,140,59
	orl-mus LD50:840 mg/kg	ARZNAD 12,340,62
	ipr-mus LD50:150 mg/kg	NTIS** AD691-490
	ivn-mus LD50:320 mg/kg	85ESA3 9,944,76
	orl-rbt LD50:1125 mg/kg	27ZQAG -,402,72
	ipr-rbt LD50:285 mg/kg	27ZQAG -,402,72
	orl-gpg LD50:930 mg/kg	ARZNAD 9,143,59
*	ipr-gpg LD50:510 mg/kg	NIIRDN 6,668,82

UB9280000 2-PROPANOL, 1,1'-(o-PHENYLENEDIIMINO)BIS(3-CHLORO-

UPDT:8403 MW: 293.22 MOLFM: C12-H18-Cl2-N2-O2

SYN: N(sup 1),N(sup 2)-BIS-(gamma-CHLORO-beta-HYDROXYPROPYL)-1,2-PHENYLENEDIAMINE * 1,1'-(o-PHENYLENEDIIMINO)BIS(3-CHLORO-2-PROPANOL)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:900 mg/kg PCJOAU 16,880,82

UB9300000 1-PROPANOL, 3-PHENYL-, FORMATE
UPDT:8305 CAS: 104-64-3 MW: 164.22 MOLFM: C10-H12-O2
SYN: HYDROCINNAMYL FORMATE * PHENYLPROPYL FORMATE * 3-PHENYL-1-PROPYL FORMATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,835,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4090 mg/kg FCTXAV 14,835,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UB9338400 1-PROPANOL, 3-PHENYL-, PROPIONATE
UPDT:8401 CAS: 122-74-7 MW: 192.28 MOLFM: C12-H16-O2
SYN: BENZENEPROPANOL, PROPANOATE (9CI) * HYDROCINNAMYL PROPIONATE * PHENYLPROPYL PROPIONATE * beta-PHENYLPROPYL PROPIONATE * 3-PHENYLPROPYL PROPIONATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),809,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UB9355200 2-PROPANOL, 1,1'-(PROPYLENEDIOXY)BIS(3-CHLORO-
UPDT:8305 CAS: 18371-82-9 MW: 261.17 MOLFM: C9-H18-Cl2-O4
SYN: 1,1'-(PROPYLENEDIOXY)BIS(3-CHLORO-2-PROPANOL) * U 27,874
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-rat TDLo:960 mg/kg (8D male) JRPFA4 21,263,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UB9400000 1-PROPANOL, 2,2,3,3-TETRAFLUORO-
UPDT:8408 CAS: 76-37-9 MW: 132.07 MOLFM: C3-H4-F4-O
SYN: 2,2,3,3-TETRAFLUORO-I-PROPANOL
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:3400 mg/kg JOCMA7 4,262,62
ihl-rat LCLo:2000 ppm/4H JOCMA7 4,262,62
* ihl-mus LC50:8600 mg/m3/2H 85GMAT -,109,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1-PROPANOL, TITANIUM(4+) SALT (9CI) see: UH8840000

UB9720000 2-PROPANOL, 1-(m-TOLYLOXY)-3-((2-(2,5-XYLIDINO)ETHYL)AMINO)-, MONOHYDROCHLORIDE
UPDT:8405 CAS: 76210-72-5 MW: 364.96 MOLFM: C20-H28-N2-O2 Cl-H
SYN: 2-PROPANOL, 1-((2-((2,5-DIMETHYLPHENYL)AMINO)ETHYL)AMINO)-3-(3-METHYLPHENOXY)-, HCl (10CI) * 1-(m-TOLYLOXY)-3-((2-(2,5-XYLIDINO)ETHYL)AMINO)-2-PROPANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:15 mg/kg PHARAT 38,409,83

UB9800000 2-PROPANOL, 1,1,1-TRICHLORO-
UPDT:8403 CAS: 76-00-6 MW: 163.43 MOLFM: C3-H5-Cl3-O
SYN: ISOPRAL * TRICHLOROISOPROPANOL * 1,1,1-TRICHLOROISOPROPYL ALCOHOL * 1,1,1-TRICHLORO-2-PROPANOL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1000 mg/kg JPETAB 63,183,38
unk-dog LDLo:93 mg/kg HBAMAK 4,1289,35
unk-cat LDLo:90 mg/kg HBAMAK 4,1289,35
unk-rbt LDLo:200 mg/kg HBAMAK 4,1289,35
unk-frg LDLo:143 mg/kg HBAMAK 4,1289,35

UC0175000 2-PROPANOL, 1,1,1-TRICHLORO-2-METHYL-
UPDT:8403 CAS: 57-15-8 MW: 177.46 MOLFM: C4-H7-Cl3-O
SYN: ACETONE CHLOROFORM * ANHYDROUS CHLOROBUTANOL * CHLORBUTANOL * CHLORBUTOL * CHLORETONE * CHLOROBUTANOL * CHLOROBUTANOL, ANHYDROUS * CLORTRAN * METHAFORM * SEDAFORM * TRICHLORO-t-BUTYL ALCOHOL * beta,beta,beta-TRICHLORO-tert-BUTYL ALCOHOL * t-TRICHLOROBUTYL ALCOHOL * HCP * 1,1,1-TRICHLORO-2-METHYL-2-PROPANOL
IRRITATION DATA AND REFERENCES:
skn-rbt 850 ug MLD XEURAQ MDDC-1715
eye-rbt 9180 ug/30S MLD XEURAQ MDDC-1715
MUTATION DATA AND REFERENCES:
mmo-sat 20 umol/plate MUREAV 90,91,81
cyt-smc 10 mmol/tube HEREAY 33,457,47
TOXICITY DATA AND REFERENCES:
orl-dog LDLo:238 mg/kg AIPTAK 8,77,01
orl-rbt LDLo:213 mg/kg AIPTAK 8,77,01
par-frg LDLo:800 mg/kg AIPTAK 8,77,01
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2-PROPANOL, 1-(2-((3,3,5-TRIMETHYLCYCLOHEXYL)OXY)PROPOXY)- (9CI) see: JM1650000

UC0240000 2-PROPANOL, 1,1'-(TRIMETHYLENEDIOXY)BIS(3-CHLORO-
UPDT:8305 MW: 261.17 MOLFM: C9-H18-Cl2-O4
SYN: 1,1'-(TRIMETHYLENEDIOXY)BIS(3-CHLORO-2-PROPANOL) * U 26,126
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-rat TDLo:960 mg/kg (8D male) JRPFA4 21,263,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC0245000 1-PROPANOL, 3-(TRIMETHYLSILYL)-, CARBAMATE
UPDT:8309 MW: 175.34 MOLFM: C7-H17-N-O2-Si
SYN: CARBAMIC ACID, 3-(TRIMETHYLSILYL)PROPYL ESTER * 3-(TRIMETHYLSILYL)-1-PROPANOL CARBAMATE * 3-(TRIMETHYLSILYL)PROPYL ESTER OF CARBAMIC ACID
TOXICITY DATA AND REFERENCES:
2F05F17 ipr-mus LD50:470 mg/kg JMCMAR 8,604,65

PROPANONE see: AL3150000

2-PROPANONE see: AL3150000

UC0390000 1-PROPANONE, 1-(1-ADAMANTYL)-3-MORPHOLINO-, HYDROCHLORIDE
UPDT:8407 CAS: 18326-32-4 MW: 313.91 MOLFM: C17-H27-N-O2 Cl-H
SYN: 1-(1-ADAMANTYL)-3-MORPHOLINO-1-PROPANONE HYDROCHLORIDE * beta-MORFOLINPROPIONIL-1-ADAMANTANO CLORIDRATO (Italian)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:705 mg/kg FRPSAX 22,681,67

UC0416000 1-PROPANONE, 1-(4-AMINO-2-METHYL-5-PHENYLPYRROL-3-YL)-2,2-DIMETHYL-, MONOHYDROCHLORIDE
UPDT:8412 MW: 292.84 MOLFM: C16-H20-N2-O Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

UC0417000 1-PROPANONE, 1-(4-AMINO-2-METHYL-5-PHENYLPYRROL-3-YL)-2-METHYL-
UPDT:8412 MW: 242.35 MOLFM: C15-H18-N2-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

UC0418000 1-PROPANONE, 1-(4-AMINO-2-METHYL-5-PHENYLPYRROL-3-YL)-, MONOHYDROCHLORIDE
UPDT:8412 MW: 264.78 MOLFM: C14-H16-N2-O Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg FRPSAX 39,538,84

UC0425000 2-PROPANONE, 1-o-ANISIDINO-
UPDT:8403 MW: 179.24 MOLFM: C10-H13-N-O2
SYN: 1-o-ANISIDINO-2-PROPANONE
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:434 mg/kg FRPSAX 38,847,83

UC0452000 2-PROPANONE, 1-(BENZYLOXY)-3-(DIMETHYLAMINO)-1,1-DIPHENYL-, HYDROCHLORIDE
UPDT:8412 MW: 395.95 MOLFM: C24-H25-N-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:130 mg/kg PHARAT 37,825,82

UC0525000 2-PROPANONE, BROMO-
UPDT:8406 CAS: 598-31-2 MW: 136.99 MOLFM: C3-H5-Br-O
SYN: BROMOACETONE * BROMOACETONE (DOT) * BROMOACETONE, LIQUID (DOT) * BROMO-2-PROPANONE * RCRA WASTE NUMBER P017 * UN 1569 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-hmn LCLo:572 ppm/10M NTIS** PB214-270
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON A; POISON GAS CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC0530200 1-PROPANONE, 2-BROMO-1-(4-(DIPHENYLHYDROXYMETHYL)PIPERIDINO)-
UPDT:8312 MW: 402.37 MOLFM: C21-H24-Br-N-O2
SYN: 2-BROMO-1-(4-(DIPHENYLHYDROXYMETHYL)PIPERIDINO)-1-PROPANONE * 1-(2-BROMOPROPIONYL)-alpha,alpha-DIPHENYL-4-PIPERIDINEMETHANOL
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:40 mg/kg JPMSAE 55,529,66

UC0530300 1-PROPANONE, 3-BROMO-1-(4-(DIPHENYLHYDROXYMETHYL)PIPERIDINO)-
UPDT:8312 MW: 402.37 MOLFM: C21-H24-Br-N-O2
SYN: 3-BROMO-1-(4-(DIPHENYLHYDROXYMETHYL)PIPERIDINO)-1-PROPANONE * 1-(3-BROMOPROPIONYL)-alpha,alpha-DIPHENYL-4-PIPERIDINEMETHANOL
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:40 mg/kg JPMSAE 55,529,66

UC0541000 1-PROPANONE, 1-(5-BROMO-2-THIENYL)-, 3-THIOSEMICARBAZONE
UPDT:8408 MW: 292.24 MOLFM: C8-H10-Br-N3-S2
SYN: 5-BROMO-2-THIENYL-ETHYL-KETONE THIOSEMICARBAZONE * 1-(5-BROMO-2-THIENYL)-1-PROPANONE 3-THIOSEMICARBAZONE * 5-BROMO-2-THIOPHENEPROPIONALDEHYDE 3-THIOSEMICARBAZONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:125 mg/kg (5D pre) JRPFA4 44,421,75
1T19 scu-rat TDLo:100 mg/kg (10D pre) JRPFA4 21,233,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC0675000 2-PROPANONE, 1-(BUTYLNITROSAMINO)-
UPDT:8401 CAS: 51938-15-9 MW: 158.23 MOLFM: C7-H14-N2-O2
SYN: BOPN * 1-(BUTYLNITROSOAMINO)-2-PROPANONE * BUTYL(2-OXOPROPYL)NITROSOAMINE * N-NITROSO-1-BUTYLAMINO-2-PROPANONE * N-NITROSO-(2-OXOPROPYL)-n-BUTYLAMINE
MUTATION DATA AND REFERENCES:
mmo-sat 31 umol/plate CNREA8 37,399,77
mma-sat 4 umol/plate CNREA8 37,399,77
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:2000 mg/kg/13W-C GANNA2 65,13,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC0700000 2-PROPANONE, 1-CHLORO-
UPDT:8401 CAS: 78-95-5 MW: 92.53 MOLFM: C3-H5-Cl-O
SYN: ACETONE, CHLORO- * ACETONYL CHLORIDE * CHLORACETONE (French) * CHLOROACETONE * CHLOROPROPANONE * 1-CHLORO-2-PROPANONE * MONOCHLORACETONE * MONOCHLOROACETONE * MONOCHLOROACETONE, inhibited (DOT) * MONOCHLOROACETONE, stabilized (DOT) * MONOCHLOROACETONE, unstabilized (DOT) * UN 1695 (DOT)
MUTATION DATA AND REFERENCES:
sln-dmg-ihl 100 pph/6M PREBA3 628,284,46/47
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:576 mg/kg/12W-I CNREA8 26,12,66
TOXICITY DATA AND REFERENCES:
ihl-hmn LCLo:605 ppm/10M NTIS** PB214-270
orl-rat LDLo:50 mg/kg KODAK* 21MAY71
skn-rat LDLo:100 mg/kg KODAK* 21MAY71
STANDARDS & REGULATIONS:
★ DOT-HAZARD:IRRITATING MATERIAL; LABEL:IRRITANT, stabilized CFRGBR 49,172.101,82
★ DOT-HAZARD:FORBIDDEN, unstabilized CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:POISON, stabilized CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC0728000 2-PROPANONE, 3-CHLORO-1-(6,7-DIMETHOXY-1-ISOQUINOLINYL)-1-(3,4-DIMETHOXYPHENYL)-
UPDT:8306 CAS: 66170-03-4 MW: 415.90 MOLFM: C22-H22-Cl-N-O5
SYN: 3-CHLORO-1-(6,7-DIMETHOXY-1-ISOQUINOLINYL)-1-(3,4-DIMETHOXYPHENYL)-2-PROPANONE
TOXICITY DATA AND REFERENCES:
2E15G30 ipr-mus LD50:130 mg/kg DANTAL 20,33,77

UC0729200 1-PROPANONE, 2-CHLORO-1-(4-(DIPHENYLHYDROXYMETHYL)PIPERIDINO)-
UPDT:8312 MW: 357.91 MOLFM: C21-H24-Cl-N-O2
SYN: 2-CHLORO-1-(4-(DIPHENYLHYDROXYMETHYL)PIPERIDINO)-1-PROPANONE * 1-(2-CHLOROPROPIONYL)-alpha,alpha-DIPHENYL-4-PIPERIDINEMETHANOL
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:40 mg/kg JPMSAE 55,529,66

UC0729300 1-PROPANONE, 3-CHLORO-1-(4-(DIPHENYLHYDROXYMETHYL)PIPERIDINO)-
UPDT:8312 MW: 357.91 MOLFM: C21-H24-Cl-N-O2
SYN: 3-CHLORO-1-(4-(DIPHENYLHYDROXYMETHYL)PIPERIDINO)-1-PROPANONE * 1-(3-CHLOROPROPIONYL)-alpha,alpha-DIPHENYL-4-PIPERIDINEMETHANOL
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:40 mg/kg JPMSAE 55,529,66

1-PROPANONE, 1-(3-CHLOROPHENYL)-2-((1,1-DIMETHYLETHYL)AMINO)-, HYDROCHLORIDE, (+)-(9CI) see: UG8858000

UC1430000 2-PROPANONE, 1,3-DICHLORO-
UPDT:8408 CAS: 534-07-6 MW: 126.97 MOLFM: C3-H4-Cl2-O
SYN: BIS(CHLOROMETHYL)KETONE * sym-DICHLOROACETONE * alpha,alpha'-DICHLOROACETONE * alpha,gamma-DICHLOROACETONE * 1,3-DICHLOROACETONE * 1,3-DICHLOROACETONE (DOT) * 1,3-DICHLORO-2-PROPANONE * UN 2649 (DOT)
MUTATION DATA AND REFERENCES:
mmo-sat 25 ug/plate SCIEAS 200,785,78
mma-sat 50 ug/plate ENMUDM 5,478,83
sln-dmg-ihl 100 pph/8M PREBA3 628,284,46/47
TOXICITY DATA AND REFERENCES:
* ihl-rat LC50:29 mg/m3/2H 85GMAT -,44,82
* ihl-mus LC50:27 mg/m3/2H 85GMAT -,44,82
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-PROPANONE, 1-(2-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-3-PHENYL-, HYDROCHLORIDE (9CI) see: UH0350000

UC1638000 2-PROPANONE, 1-(10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTEN-5-YLIDENE)-3-(DIMETHYLAMINO)-, MONOHYDROCHLORIDE
UPDT:8306 CAS: 27448-03-9 MW: 327.88 MOLFM: C20-H21-N-O .Cl-H
SYN: 1-(10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTEN-5-YLIDENE)-3-(DIMETHYLAMINO)-2-PROPANONE HCl * SD 2203-01
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:70 mg/kg THERAP 26,459,71
* ivn-mus LD50:29 mg/kg THERAP 26,459,71

UC1645000 2-PROPANONE, 1,3-DIHYDROXY-
UPDT:8407 CAS: 96-26-4 MW: 90.09 MOLFM: C3-H6-O3
SYN: DIHYDROXYACETONE * CHROMELIN * 1,3-DIHYDROXYACETONE * DIHYXAL * OTAN * OXANTIN * SOLEAL * TRIULOSE * VITICOLOR
MUTATION DATA AND REFERENCES:
mmo-sat 150 ug/plate ABCHA6 47,2461,83

UC1790000 2-PROPANONE, 3-(6,7-DIMETHOXY-1-ISOQUINOLINYL)-3-(3,4-DIMETHOXYPHENYL)-1,1,1-TRICHLORO-
UPDT:8306 CAS: 66170-04-5 MW: 484.78 MOLFM: C22-H20-Cl3-N-O5
SYN: 3-(6,7-DIMETHOXY-1-ISOQUINOLINYL)-3-(3,4-DIMETHOXYPHENYL)-1,1,1-TRICHLORO-2-PROPANONE
TOXICITY DATA AND REFERENCES:
2E15G30 ipr-mus LD50:331 mg/kg DANTAL 20,33,77

UC1795000 2-PROPANONE, 1-(2,3-DIMETHOXYPHENYL)-
UPDT:8311 CAS: 3081-67-2 MW: 194.25 MOLFM: C11-H14-O3
SYN: 1-(2,3-DIMETHOXYPHENYL)-2-PROPANONE
TOXICITY DATA AND REFERENCES:
1F25 ipr-mus LD50:740 mg/kg JPMSAE 60,799,71

UC1795500 2-PROPANONE, 1-(3,4-DIMETHOXYPHENYL)-
UPDT:8311 CAS: 776-99-8 MW: 194.25 MOLFM: C11-H14-O3
SYN: 3,4-DIMETHOXYBENZYL METHYL KETONE * (3,4-DIMETHOXYPHENYL)ACETONE * 1-(3,4-DIMETHOXYPHENYL)-2-PROPANONE * VERATRYL-2-PROPANONE
TOXICITY DATA AND REFERENCES:
1F19 ipr-mus LD50:670 mg/kg JPMSAE 60,799,71

UC1796000 2-PROPANONE, 3-(DIMETHYLAMINO)-1,1-DIPHENYL-1-(2-BUTYNYLOXY)-, HYDROCHLORIDE
UPDT:8412 MW: 357.91 MOLFM: C21-H23-N-O2 .Cl-H
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:180 mg/kg PHARAT 37,825,82

UC1796500 2-PROPANONE, 3-(DIMETHYLAMINO)-1,1-DIPHENYL-1-ETHOXY-, HYDROCHLORIDE
UPDT:8412 MW: 333.89 MOLFM: C19-H23-N-O2 .Cl-H
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:180 mg/kg PHARAT 37,825,82

UC1797000 1-PROPANONE, 3-DIMETHYLAMINO-1-(2,5-DIPHENYL-3-FURYL)-, HYDROCHLORIDE
UPDT:8406 MW: 355.89 MOLFM: C21-H21-N-O2 .Cl-H
SYN: 3-DIMETHYLAMINO-1-(2,5-DIPHENYL-3-FURYL)-1-PROPANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2A11F07 ipr-mus LD50:375 mg/kg JPPMAB 17,236,65

UC1810000 2-PROPANONE, 3-(DIMETHYLAMINO)-1,1-DIPHENYL-1-METHOXY-, HYDROCHLORIDE
UPDT:8412 MW: 319.86 MOLFM: C18-H21-N-O2 .Cl-H
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:280 mg/kg PHARAT 37,825,82

UC1811000 2-PROPANONE, 3-(DIMETHYLAMINO)-1,1-DIPHENYL-1-PHENOXY-, HYDROCHLORIDE
UPDT:8412 MW: 381.93 MOLFM: C23-H23-N-O2 .Cl-H
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:250 mg/kg PHARAT 37,825,82

UC1812000 2-PROPANONE, 3-(DIMETHYLAMINO)-1,1-DIPHENYL-1-PROPOXY-, HYDROCHLORIDE
UPDT:8412 MW: 347.92 MOLFM: C20-H25-N-O2 .Cl-H
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:250 mg/kg PHARAT 37,825,82

UC1813000 2-PROPANONE, 3-(DIMETHYLAMINO)-1,1-DIPHENYL-1-(2-PROPYNYLOXY)-, HYDROCHLORIDE
UPDT:8412 MW: 343.88 MOLFM: C20-H21-N-O2 .Cl-H
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:130 mg/kg PHARAT 37,825,82

UC1934050 1-PROPANONE, 1-(10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZIN-2-YL)-
UPDT:8401 CAS: 3568-24-9 MW: 340.52 MOLFM: C20-H24-N2-O-S
SYN: BAY 188 * BAYER 188 * 1497CB * COMBELEN * COMBILEN * 1-(10-(3-(DIMETHYLAMINO)PROPYL)PHENOTHIAZIN-2-YL)-1 PROPANONE * 1-PROPANONE, 1-(10-(3-(DIMETHYLAMINO)PROPYL)-10H-PHENOTHIAZIN-2-YL)- (9CI) * PROPIONPROMAZINE * 3-PROPIONYL-10-(3'-DIMETHYLAMINOPROPYL)PHENOTHIAZIN * PROPIONYLPROMAZINE * 2-PROPIONYLPROMAZINE * PROPIONYLPROMAZONE * PROPIOPROMAZINE
TOXICITY DATA AND REFERENCES:
1F12 orl-rat LD50:500 mg/kg AIPTAK 115,1,58
1F12 ivn-mus LD50:67 mg/kg AIPTAK 115,1,58
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-PROPANONE, 1-(10-(3-(DIMETHYLAMINO)PROPYL)-10H-PHENOTHIAZIN-2-YL)- (9CI) see: UC1934050

UC1935000 1-PROPANONE, 1-(10-(2-DIMETHYLAMINOPROPYL)-PHENOTHIAZIN-2-YL)-, MALEATE
UPDT:8305 CAS: 3568-23-8 MW: 456.60 MOLFM: C20-H24-N2-O-S .C4-H4-O4
SYN: 1678 CB * 10-DIMETHYLAMINOISOPROPYL-2-PROPIONYLPHENOTHIAZINE MALEATE * 1-(10-(2-DIMETHYLAMINOPROPYL)-PHENOTHIAZIN-2-YL)-1-PROPANONE MALEATE * 10-(2-DIMETHYLAMINOPROPYL)-2-PROPIONYLPHENOTHIAZINE MALEATE * DOREVANE * INDORM * PROPAVAN * PROPIOMAZINE MALEATE * 3-PROPIONYL-10-DIMETHYLAMINO-ISOPROPYLPHENOTHIAZINE MALEATE * PROPIONYLPROMETHAZINE MALEATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:500 mg/kg AIPTAK 123,78,59
* ivn-mus LD50:67 mg/kg AIPTAK 123,78,59
unk-mus LD50:288 mg/kg 85ESA3 9,1013,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC2010040 2-PROPANONE, 1,1-DIPHENYL-1-ETHOXY-3-MORPHOLINO-, HYDROBROMIDE
UPDT:8412 MW: 420.39 MOLFM: C21-H25-N-O3 .Br-H
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:480 mg/kg PHARAT 37,825,82

UC2010060 2-PROPANONE, 1,1-DIPHENYL-1-ETHOXY-3-PIPERIDINO-, HYDROBROMIDE
UPDT:8412 MW: 418.42 MOLFM: C22-H27-N-O2 .Br-H
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:750 mg/kg PHARAT 37,825,82

UC2010080 2-PROPANONE, 1,1-DIPHENYL-1-ETHOXY-3-(1-PYRROLIDINYL)-, HYDROBROMIDE
UPDT:8412 MW: 404.39 MOLFM: C21-H25-N-O2 .Br-H
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:330 mg/kg PHARAT 37,825,82

UC2010200 1-PROPANONE, 1-(2,5-DIPHENYL-3-FURYL)-3-(4-METHYL-1-PIPERAZINYL)-, DIHYDROCHLORIDE
UPDT:8406 MW: 447.44 MOLFM: C24-H26-N2-O2 .2Cl-H
SYN: 1-(2,5-DIPHENYL-3-FURYL)-3-(4-METHYL-1-PIPERAZINYL)-1-PROPANONE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2A11F07 ipr-mus LD50:450 mg/kg JPPMAB 17,236,65

UC2010300 1-PROPANONE, 1-(2,5-DIPHENYL-3-FURYL)-3-MORPHOLINO-, HYDROCHLORIDE
UPDT:8406 MW: 397.93 MOLFM: C23-H23-N-O3 .Cl-H
SYN: 1-(2,5-DIPHENYL-3-FURYL)-3-MORPHOLINO-1-PROPANONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2A11F07 ipr-mus LD50:1000 mg/kg JPPMAB 17,236,65

UC2010500 1-PROPANONE, 1-(4-(DIPHENYLHYDROXYMETHYL)PIPERIDINO)-3-IODO-
UPDT:8312 MW: 449.36 MOLFM: C21-H24-I-N-O2
SYN: 1-(4-(DIPHENYLHYDROXYMETHYL)PIPERIDINO)-3-IODO-1-PROPANONE * 1-(3-IODOPROPIONYL)-alpha,alpha-DIPHENYL-4-PIPERIDINEMETHANOL
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:40 mg/kg JPMSAE 55,529,66

UC2010700 2-PROPANONE, 1-(4,4-DIPHENYLPIPERIDINO)-
UPDT:8408 MW: 293.44 MOLFM: C20-H23-N-O
SYN: 1-(4,4-DIPHENYLPIPERIDINO)-2-PROPANONE
TOXICITY DATA AND REFERENCES:
2F13F17 ivn-mus LD50:34 mg/kg ARZNAD 34,233,84

UC2014000 1-PROPANONE, 3-(4-(2-ETHOXY-2-PHENYLETHYL)-1-PIPERAZINYL)-2-METHYL-1-PHENYL-, DIHYDROCHLORIDE
UPDT:8408 MW: 453.50 MOLFM: C24-H32-N2-O2 .2Cl-H
SYN: 746 CE * EFTAPAN * EPRAZINONE DIHYDROCHLORIDE * MUCITUX
TOXICITY DATA AND REFERENCES:
2E15J02 orl-mus LD50:729 mg/kg AIPTAK 165,1,67
2E15J02 ivn-mus LD50:38 mg/kg AIPTAK 165,1,67

1-PROPANONE, 1-(4-FLUOROPHENYL)-3-(1-PIPERIDINYL)- (10CI) see: UH1815000
PROPIOPHENONE, 4'-FLUORO-3-PIPERIDINO-

2-PROPANONE, HEXACHLORO- see: UC2100000

UC2100000 2-PROPANONE, 1,1,1,3,3,3-HEXACHLORO-
UPDT:8408 CAS: 116-16-5 MW: 264.73 MOLFM: C3-Cl6-O
SYN: ACETONE, HEXACHLORO- * GC-1106 * HCA * HEXACHLOROACETONE * HEXACHLOROACETONE (DOT) * HEXACHLORO-2-PROPANONE * 1,1,1,3,3,3-HEXACHLORO-2-PROPANONE * 2-PROPANONE, HEXACHLORO- * UN 2661 (DOT)
MUTATION DATA AND REFERENCES:
mmo-sat 100 ng/plate BECTA6 24,590,80
dnr-esc 700 ug/plate MUREAV 89,137,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1290 mg/kg RREVAH 10,97,65
ihl-rat LC50:360 ppm/6H TXAPA9 7,592,65
skn-rat LD50:2980 mg/kg TXAPA9 7,592,65
* ihl-mus LC50:920 mg/m3/2H 85GMAT -,72,82
orl-dog LD50:700 mg/kg PCOC** -,580,66
skn-rbt LD50:2980 mg/kg 85DPAN -,-,71/76
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC2450000 2-PROPANONE, 1,1,1,3,3,3-HEXAFLUORO-
UPDT:8312 CAS: 684-16-2 MW: 166.03 MOLFM: C3-F6-O
SYN: ACETONE, HEXAFLUORO- * 6FK * HEXAFLUOROACETONE * HEXAFLUOROACETONE (DOT) * NCI-C56440 * UN 2420 (DOT)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 skn-rat TDLo:100 mg/kg (6-15D preg) FAATDF 2,73,82
1T34 skn-rat TDLo:55 mg/kg (6-16D preg) TXAPA9 41,195,77
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:191 mg/kg TXAPA9 6,341,64
ihl-rat LC50:275 ppm/3H TXAPA9 6,341,64
REVIEW AND REFERENCES:
★ TLV-TWA 100 ppb; STEL 300 ppb DTLVS* 4,215,80
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON A; LABEL:POISON GAS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC2500000 2-PROPANONE, HEXAFLUORO-, DIHYDRATE
UPDT:8408 MW: 202.07 MOLFM: C3-F6-O .2H2-O
SYN: HEXAFLUORO-2-PROPANONE DIHYDRATE * PERFLUOROACETONE DIHYDRATE
TOXICITY DATA AND REFERENCES:
* ihl-rat LC50:3800 mg/m3/4H 85GMAT -,97,82
* ihl-mus LC50:2400 mg/m3/2H 85GMAT -,97,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC2625000 2-PROPANONE, HEXAFLUORO-, HYDRATE
UPDT:8312 CAS: 10543-95-0 MW: 220.09 MOLFM: C3-F6-O .3H2-O
SYN: ACETONE, HEXAFLUORO-, HYDRATE * HEXAFLUOROACETONE HYDRATE * HEXAFLUOROACETONE HYDRATE (DOT) * UN 2552 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:190 mg/kg TXAPA9 7,592,65
skn-rat LD50:113 mg/kg TXAPA9 7,592,65
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC2660000 2-PROPANONE, HEXAFLUORO-, SESQUIHYDRATE
UPDT:8406 CAS: 13098-39-0 MW: 193.06 MOLFM: C3-F6-O .3/2H2-O
SYN: ACETONE, HEXAFLUORO-, SESQUIHYDRATE * HEXAFLUOROACETONE SESQUIHYDRATE * HEXAFLUORO-2-PROPANONE SESQUIHYDRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 skn-rat TDLo:1820 mg/kg (14D male) TXAPA9 68,188,83
1T09 skn-rat TDLo:1820 mg/kg (14D male) TOXID9 4,135,84
TOXICITY DATA AND REFERENCES:
orl-mus LD50:300 mg/kg JMCMAR 13,1215,70
ipr-mus LD50:250 mg/kg JMCMAR 13,1215,70
* ivn-mus LD50:180 mg/kg CSLNX* NX#03172
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-PROPANONE, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)-1-(3-NITROPHENYL)-, MONOHYDROCHLORIDE (9CI) see: UH1854000

UC2800000 2-PROPANONE, 1-HYDROXY-
UPDT:8407 CAS: 116-09-6 MW: 74.09 MOLFM: C3-H6-O2
SYN: ACETOL * HYDROXYACETONE
MUTATION DATA AND REFERENCES:
mmo-sat 500 ug/plate ABCHA6 47,2461,83

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2200 mg/kg	JIHTAB 30,63,48

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

1-PROPANONE, 3-((2-HYDROXY-1-METHYL-2-PHENYLETHYL)AMINO)-1-(3-METHOXYPHENYL)-, (R*,S*)-(+-)- see: UH2440000

UC2984000 1-PROPANONE, 1-(4-(2-HYDROXY-3-(4-PHENYL-1-PIPERAZINYL)PROPOXY)PHENYL)-

UPDT:8310 CAS: 34675-77-9 MW: 368.52 MOLFM: C22-H28-N2-O3

SYN: CENTROPAZINE * 1-(4-(2-HYDROXY-3-(4-PHENYL-1-PIPERAZINYL)PROFOXY)PHENYL)-1-PROPANONE * 4'-(2-HYDROXY-3-(4-PHENYLPIPERAZIN-1-YL)PROPOXY)PROPIOPHENONE * 3-(4-PHENYLPIPERAZINYL)-1-(4-PROPIONYLPHENOXY)PROPAN-2-OL * PROPIOPHENONE, 4'-(2-HYDROXY-3-(4-PHENYLPIPERAZINYL)PROPOXY)- * 1-(p-PROPIONYLPHENOXY)-3-(4-PHENYLPIPERAZINYL)-2-PROPANOL

TOXICITY DATA AND REFERENCES:

1F07	orl-hmn TDLo:1710 ug/kg	DRFUD4 5,338,80
1F03	ipr-mus LD50:270 mg/kg	JMCMAR 15,286,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-PROPANONE, 3-(4-HYDROXYPHENYL)-1-(2,4,6-TRIHYDROXYPHENYL)-, PHOSPHATE, HOMOPOLYMER (9CI) see: UH4429200

UC2988400 1-PROPANONE, 1-p-MENTH-6-EN-2-YL-

UPDT:8305 CAS: 31375-17-4 MW: 194.35 MOLFM: C13-H22-O

SYN: 1-(p-MENTHEN-6-YL)-1-PROPANONE * MENTHENYL KETONE * NERONE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	FCTXAV 17,853,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UC2988600 2-PROPANONE, 1-METHOXY-

UPDT:8401 CAS: 5878-19-3 MW: 88.12 MOLFM: C4-H8-O2

SYN: METHOXYACETONE * 1-METHOXYACETONE * METHOXYMETHYL METHYL KETONE * METHOXY-2-PROPANONE * 1-METHOXY-2-PROPANONE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:8980 mg/kg	TXAPA9 28,313,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UC2990000 2-PROPANONE, 1-(p-METHOXYPHENYL)-

UPDT:8311 CAS: 122-84-9 MW: 164.22 MOLFM: C10-H12-O2

SYN: p-ACETONYLANISOLE * ANISALACETONE * ANISIC KETONE * ANISKETONE * ANISYL METHYL KETONE * p-METHOXYBENZYL METHYL KETONE * 4-METHOXYBENZYL METHYL KETONE * p-METHOXYPHENYLACETONE * 1-(p-METHOXYPHENYL)-2-PROPANONE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MLD	FCTXAV 17,857,79

TOXICITY DATA AND REFERENCES:

3F05F11F17	orl-rat LD50:3330 mg/kg	FCTXAV 17,857,79
3F05F11F17	ipr-mus LD50:560 mg/kg	FCTXAV 17,857,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UC2992000 1-PROPANONE, 1-(6-METHOXY-4-QUINOLYL)-3-(3-VINYL-4-PIPERIDYL)-, OXALATE

UPDT:8305 MW: 414.50 MOLFM: C20-H24-N2-O2 .C2-H2-O4

SYN: 1-(6-METHOXY-4-QUINOLYL)-3-(3-VINYL-4-PIPERIDYL)-1-PROPANONE OXALATE * QUINICINE OXALATE

TOXICITY DATA AND REFERENCES:

3C08F12J22	orl-mus LD50:420 mg/kg	APFRAD 24,39,66
3C08F12J22	scu-mus LD50:155 mg/kg	APFRAD 24,39,66
3C08F12J22	ivn-mus LD50:48 mg/kg	APFRAD 24,39,66
3C08F12J22	orl-gpg LDLo:700 mg/kg	APFRAD 24,39,66
3C08F12J22	scu-gpg LDLo:250 mg/kg	APFRAD 24,39,66
3C08F12J22	ivn-gpg LDLo:60 mg/kg	APFRAD 24,39,66

1-PROPANONE, 2-METHYL-1,2-DI-3-PYRIDINYL- (9CI) see: UC3050000

UC3050000 1-PROPANONE, 2-METHYL-1,2-DI-3-PYRIDYL-

UPDT:8405 CAS: 54-36-4 MW: 226.30 MOLFM: C14-H14-N2-O

SYN: MEPYRAPONE * METHAPYRAPONE * METHOPIRAPONE * METHOPYRAPONE * METHOPYRININE * METHOPYRONE * METOPIRON * METOPIRONE * METOPYRONE * METYRAPON * METYRAPONE * 1-PROPANONE, 2-METHYL-1,2-DI-3-PYRIDINYL- (9CI) * SU 4885

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T13T25T34	scu-rat TDLo:21o0 mg/kg (8-19D preg)	CUSCAM 39,184,70
1T02	scu-mus TDLo:2600 mg/kg (13D male)	ACATA5 89,240,74
1T02	itt-dog TDLo:18 mg/kg (1D male)	IJEBA6 17,937,79
3T02T03T09	par-mky TDLo:300 mg/kg (30D male)	ENDKAC 72,291,78
1T02	scu-mam TDLo:600 mg/kg (6D male)	ACATA5 89,240,74

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:521 mg/kg	NIIRDN 6,827,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC3060000 1-PROPANONE, 2-METHYL-1,2-DI-3-PYRIDYL-, TARTRATE (1:2)

UPDT:8408 CAS: 908-35-0 MW: 526.50 MOLFM: C14-H14-N2-O .2C4-H6-O6

SYN: 2-METHYL-1,2-DIPYRIDYL-(3')-1-OXOPROPANE DITARTRATE * 2-METHYL-1,2-DI-3-PYRIDYL-1-PROPANONE TARTRATE (1:2) * METOPIRON * METOPIRONE DITARTRATE * METYPRAPONE BITARTRATE * METYRAPONE DITARTRATE * METYRAPONE TARTRATE * SU 4885 DITARTRATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T12T13	ipr-mus TDLo:2100 mg/kg (21D pre)	JRPFA4 40,451,74
1T03	ipr-mus TDLo:2100 mg/kg (21D male)	JRPFA4 40,451,74
1T77	scu-rbt TDLo:200 mg/kg (30-31D preg)	BNEOBV 27,1,75

TOXICITY DATA AND REFERENCES:

1F25	ipr-mus LD50:760 mg/kg	TXCYAC 17,73,80
	ivn-mus LD50:261 mg/kg	TXAPA9 23,537,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC3083000 2-PROPANONE, 1-(METHYLNITROSOAMINO)-

UPDT:8411 MW: 116.14 MOLFM: C4-H8-N2-O2

SYN: MOP * N-NITROSOMETHYL-2-OXOPROPYLAMINE

MUTATION DATA AND REFERENCES:

	mma-sat 250 ug/plate	MUREAV 111,135,83
	dnd-rat-ipr 60 mg/kg	CRNGDP 5,565,84
	dnd-ham-ipr 20 mg/kg	CRNGDP 5,565,84
	dnd-ham:oth 10 umol/L	PAACA3 24,73,83
	msc-ham:lng 200 umol/L	CNREA8 40,3463,80

TUMORIGENIC DATA AND REFERENCES:

2V03K60	orl-rat TDLo:300 mg/kg/30W-I	JJIND8 70,959,83
3V01K60L60	scu-ham TDLo:25 mg/kg	CNREA8 40,3585,80
3V01K60D09	scu-ham TD :68 mg/kg/39W-I	CNREA8 40,3585,80
3V01K60D09	scu-ham TD :94 mg/kg/27W-I	CNREA8 40,3585,80
3V03D09K60	orl-rat TD :800 mg/kg/8W-I	JJIND8 70,959,83
2V03K60	orl-rat TD :375 mg/kg/30W-I	CALEDQ 22,83,84

TOXICITY DATA AND REFERENCES:

*	scu-ham LD50:35400 ug/kg	CNREA8 40,3585,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC3086000 1-PROPANONE, 2-METHYL-1-PHENYL-3-(4-(1,2,3,4-TETRAHYDRO-3-HYDROXY-2-NAPHTHALENYL)- 1-PIPERAZINYL)-, DIHYDROCHLORIDE, trans-

UPDT:8411 CAS: 65708-80-7 MW: 451.48 MOLFM: C24-H30-N2-O2 .2Cl-H

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:33340 ug/kg	EKMMA8 17,37,78
*	ivn-rat LD50:15300 ug/kg	EKMMA8 17,37,78

UC3087000 1-PROPANONE, 1-(10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZIN-2-YL)-

UPDT:8309 CAS: 20686-45-7 MW: 395.61 MOLFM: C23-H29-N3-O-S

SYN: 1-(10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZIN-2-YL)-1-PROPANONE * 1-PROPANONE, 1-(10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-10H-PHENOTHIAZIN-2-YL)- (9CI) * 3-PROPIONYL-10-(3'-N-METHYL-PIPERAZINO-N'-PROPYL)PHENOTHIAZIN * 3-PROPIONYLPERAZINE

TOXICITY DATA AND REFERENCES:

1F12	orl-rat LD50:600 mg/kg	AIPTAK 115,1,58
1F12	ivn-mus LD50:82 mg/kg	AIPTAK 115,1,58

1-PROPANONE, 1-(10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-10H-PHENOTHIAZIN-2-YL)- (9CI) see: UC3087000

UC3090000 1-PROPANONE, 1-(10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZIN-2-YL)-, DIMALEATE

UPDT:8305 MW: 627.77 MOLFM: C23-H29-N3-O-S .2C4-H4-O4

SYN: 1-(10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)PHENOTHIAZIN-2-YL)-1-PROPANONE DIMALEATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:600 mg/kg	AIPTAK 123,78,59
*	ivn-mus LD50:82 mg/kg	AIPTAK 123,78,59

UC3105000 1-PROPANONE, 1-(10-(3-MORPHOLINOPROPYL)PHENOTHIAZIN-2-YL)-

UPDT:8407 MW: 382.56 MOLFM: C22-H26-N2-O2-S

SYN: 1-(10-(3-MORPHOLINOPROPYL)PHENOTHIAZIN-2-YL)-1-PROPANONE * 3-PROPIONYL-10-(3'-MORPHOLINOPROPYL)PHENOTHIAZIN

TOXICITY DATA AND REFERENCES:

1F12	orl-rat LD50:3000 mg/kg	AIPTAK 115,1,58
1F12	ivn-mus LD50:180 mg/kg	AIPTAK 115,1,58

UC3110000 1-PROPANONE, 1-(10-(3-MORPHOLINOPROPYL)PHENOTHIAZIN-2-YL)-, FUMARATE

UPDT:8305 MW: 498.64 MOLFM: C22-H26-N2-O2-S .C4-H4-O4

SYN: 1-(10-(3-MORPHOLINOPROPYL)PHENOTHIAZIN-2-YL)-1-PROPANONE FUMARATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3000 mg/kg	AIPTAK 123,78,59
*	ivn-mus LD50:180 mg/kg	AIPTAK 123,78,59

UC3300000 2-PROPANONE, 1,1,1,3,3-PENTACHLORO-

UPDT:8408 CAS: 1768-31-6 MW: 230.29 MOLFM: C3-H-Cl5-O

SYN: PENTACHLOROACETONE * 1,1,1,3,3-PENTACHLOROPROPANONE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:200 mg/kg	85GMAT -,96,82
*	ihl-mus LC50:450 mg/m3/2H	85GMAT -,96,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-PROPANONE, 1-PHENYL- see: UG7175000

UC3500100 2-PROPANONE, 1-PHENYL-

UPDT:8401 CAS: 103-79-7 MW: 134.19 MOLFM: C9-H10-O

SYN: BENZYL METHYL KETONE * METHYL BENZYL KETONE * PHENYLACETONE * alpha-PHENYLACETONE * PHENYLMETHYL METHYL KETONE * 1-PHENYL-2-PROPANONE

TOXICITY DATA AND REFERENCES:

2F19F25	ipr-mus LD50:540 mg/kg	JPMSAE 60,799,71

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

2-PROPANONE, O-((PHENYLAMINO)CARBONYL)OXIME (9CI) see: AL6900000

1-PROPANONE, 3-(1-PIPERIDINYL)-1-(4-PROPOXYPHENYL)-, HYDROCHLORIDE (9CI) see: UH4420000

UC3815100 2-PROPANONE, 1,1,3,3-TETRACHLORO-

UPDT:8305 CAS: 632-21-3 MW: 195.85 MOLFM: C3-H2-Cl4-O

SYN: TCA * 1,1,3,3-TETRACHLOROACETONE * 1,1,3,3-TETRACHLOROPROPANONE * 1,1,3,3-TETRACHLORO-2-PROPANONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T43T46	orl-mus TDLo:500 mg/kg (6-15D preg)	FAATDF 2,220,82
1T25	orl-mus TDLo:150 mg/kg (6-15D preg)	FAATDF 2,220,82
1T46	orl-rbt TDLo:130 mg/kg (6-18D preg)	FAATDF 2,220,82

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:176 mg/kg	FAATDF 2,220,82
*	skn-rbt LD50:80 mg/kg	FAATDF 2,220,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC3840000 2-PROPANONE, 1,1,3-TRICHLORO-

UPDT:8408 CAS: 921-03-9 MW: 161.41 MOLFM: C3-H3-Cl3-O

SYN: alpha,alpha',alpha'-TRICHLOROACETONE * 1,1,3-TRICHLOROACETONE * 1,1,3-TRICHLORO-2-PROPANONE

TOXICITY DATA AND REFERENCES:

*	ihl-rat LC50:390 mg/m3/2H	85GMAT -,113,82
*	ihl-mus LC50:360 mg/m3/2H	85GMAT -,113,32

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC3905000 1-PROPANONE, 1,1'-(9H-XANTHENE-2,7-DIYL)BIS(3-(DIETHYLAMINO)-, HYDROCHLORIDE, HYDRATE (2:4:5)

UPDT:8309 CAS: 37971-97-4 MW: 518.09 MOLFM: C27-H36-N2-O3 .2Cl-H .5/2H2-O

SYN: 1,1'-(9H-XANTHENE-2,7-DIYL)BIS(3-(DIETHYLAMINO)-1-PROPANONE) HYDROCHLORIDE HYDRATE (2:4:5)

TOXICITY DATA AND REFERENCES:

*	orl-mus LDLo:250 mg/kg	JMCMAR 19,1142,76

UC3916000 1H,6H-5,10b-PROPANOPHENANTHRIDIN-9-OL, 2,3,4,4a-TETRAHYDRO-, HYDROCHLORIDE

UPDT:8406 CAS: 3737-01-7 MW: 279.84 MOLFM: C16-H21-N-O .Cl-H

SYN: 9-AZA-DES-N-MORPHINAN * DH 7 * 6-HYDROXY-4a,10-TRIMETHYLENE-1,2,3,4,4a,9,10,10a-OCTAHYDROPHENANTHRIDINE HYDROCHLORIDE * 2,3,4,4a-TETRAHYDRO-1H,6H-5,10b-PROPANOPHENANTHRIDIN-9-OL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F12F17J30	ipr-mus LD50:45 mg/kg	JJPAAZ 11,101,62
1F29	scu-mus LD50:35 mg/kg	CPBTAL 11,489,63

UC3917000 1H,6H-5,10b-PROPANOPHENANTHRIDIN-9-OL, 2,3,4,4a-TETRAHYDRO-, HYDROCHLORIDE, (-)-

UPDT:8303 MW: 279.84 MOLFM: C16-H21-N-O .Cl-H

SYN: levo-9-AZA-DES-N-MORPHINAN * DH 15 * (-)-2,3,4,4a-TETRAHYDRO-1H,6H-5,10b-PROPANOPHENANTHRIDIN-9-OL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2E08F29	scu-mus LD50:41 mg/kg	CPBTAL 11,489,63

UC3918000 1H,6H-5,10b-PROPANOPHENANTHRIDIN-9-OL, 2,3,4,4a-TETRAHYDRO-, HYDROCHLORIDE, (+)-

UPDT:8303 MW: 279.84 MOLFM: C16-H21-N-O .Cl-H

SYN: dextro-9-AZA-DES-N-MORPHINAN * DH 14 * (+)-2,3,4,4a-TETRAHYDRO-1H,6H-5,10b-PROPANOPHENANTHRIDIN-9-OL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1E08	scu-mus LD50:68 mg/kg	CPBTAL 11,489,63

PROPANOSEDYL see: TY8400000

PROPANOYL CHLORIDE, 2,2-DIMETHYL- (9CI) see: AO7200000

PROPANOYL CHLORIDE, 2-METHYL- (9CI) see: NQ5630000

PROPANTAN see: AG9625000

PROPANTEL see: BP8249200
PROPANTHELINE BROMIDE see: BP8249200
PROPAPHEN see: SO1750000
PROPAPHENIN see: SN8925000
PROPAPHENIN HYDROCHLORIDE see: SO1750000
2-PROPARGILOSSI-5-AMINO-N-(n-BUTIL)-BENZAMIDE (Italian) see: CU9060000
PROPARGITE see: WT2900000
PROPARGITE (DOT) see: WT2900000
PROPARGYL ALCOHOL see: UK5075000
PROPARGYL ALCOHOL (DOT) see: UK5075000
PROPARGYLALDEHYDE see: UD9275500
PROPARGYL BROMIDE see: UK4375000
1-PROPARGYL-2-CARBAMOYL GLYCEROL 3-PHENYL ETHER see: UB8950000
5-PROPARGYLFURFURYL CHRYSANTHEMATE see: GZ2003000
3-PROPARGYLOXYPHENYL-N-METHYL-CARBAMATE see: FC7350000
PROPARSAMIDE see: CF9300000
PROPASA see: VO1225000
PROPASIN see: XY5300000
PROPASOL SOLVENT M see: UB7700000
PROPASTE 6708 see: MP0700000
PROPASTE T see: WT1000000
PROPATHENE see: UD1842000
PROPATHENE 22/44 see: UD1842000
PROPATHENE 101/24 see: UD1842000
PROPATHENE 112/00/GREY 9897 see: UD1842000
PROPATHENE GSE 108 see: UD1842000
PROPATHENE GSE 180 see: UD1842000
PROPATHENE GWE 21 see: UD1842000
PROPATHENE GW 522 M see: UD1842000
PROPATHENE GW 601M see: UD1842000
PROPATHENE GY 702M see: UD1842000
PROPATHENE HF 20 see: UD1842000
PROPATHENE HWM 25 see: UD1842000
PROPATHENE HW 70GR see: UD1842000
PROPATHENE LWF 31 see: UD1842000
PROPATHENE LY 542M see: UD1842000
PROPATHENE 0 see: UD1842000
PROPATHENE PXC 3830 see: UD1842000
PROPATHENE PXC 4515 see: UD1842000
PROPATHENE PXC 8639 see: UD1842000
PROPATHENE PXC 9617 see: UD1842000
PROPAVAN see: UC1935000
PROPAX see: DF1400000
PROPAXOLIN CITRATE see: RO0689000
PROPAXOLINE CITRATE see: RO0689000
PROPAZIN see: XY5300000
PROPAZINE see: XY5300000
PROPAZINE (HERBICIDE) see: XY5300000
PROPAZONE see: RP9100000
PROPELLANT 12 see: PA8200000
PROPELLANT 22 see: PA6390000
PROPELLANT 114 see: KI1101000
PROPELLANT C318 see: GU1779500
PRO-PEN see: XH9450000
PROPENAL see: AS1050000
PROPENAL (Czech) see: AS1050000
PROP-2-EN-1-AL see: AS1050000
2-PROPENAL see: AS1050000
2-PROPENAL, 2-BROMO-3-PHENYL- (9CI) see: GD6480000
2-PROPENAL, 3-CHLORO- (9CI) see: AS1130000
2-PROPENAL, 2-CHLORO-3-PHENYL- (9CI) see: GD6489990
2-PROPENAL, 3-ETHOXY- see: AS1700000
2-PROPENAL, 3-(2-METHOXYPHENYL)- see: GD6590000
2-PROPENAL, 2-METHYL-3-PHENYL- (9CI) see: GD6600000
2-PROPENAL, 3-PHENYL- (9CI) see: GD6475000
2-PROPENAL, 3-(3,4,5-TRIMETHOXYPHENYL)- see: GD6850000
PROPENAMIDE see: AS3325000
2-PROPENAMIDE (9CI) see: AS3325000
2-PROPENAMIDE, N-(3,4-DICHLOROPHENYL)-2-METHYL- (9CI) see: AS4025000
2-PROPENAMIDE, N,N-DIMETHYL- (9CI) see: AU3230000
2-PROPENAMIDE, N-(2-((3-(DIMETHYLAMINO)PROPYL)THIO)PHENYL)-3-PHENYL-, MONOHYDROCHLORIDE see: GD7478000
2-PROPENAMIDE, N-(1,1-DIMETHYL-3-OXOBUTYL)- see: AS3475000
2-PROPENAMIDE, N-(HYDROXYMETHYL)- see: AS3600000
2-PROPENAMIDE, N-HYDROXY-3-PHENYL- (9CI) see: GE1050000

UC6475000 2-PROPENAMIDE, 2-METHYL-
UPDT:8305 CAS: 79-39-0 MW: 85.12 MOLFM: C4-H7-N-O
SYN: METHACRYLAMIDE (8CI) * METHACRYLIC ACID AMIDE * METHACRYLIC AMIDE * 2-METHYLACRYLAMIDE * alpha-METHYL ACRYLIC AMIDE * 2-METHYLPROPENAMIDE * MHOROMER BM801 * USAF RH-1
TOXICITY DATA AND REFERENCES:
3A30L30M30 ihl-man TCLo:3 mg/m3 GISAAA 45(10),74,80
3A30L30M30 orl-rat LD50:459 mg/kg GISAAA 45(10),74,80
* orl-mus LD50:451 mg/kg ARTODN 47,179,81
ipr-mus LD50:200 mg/kg NTIS** AD277-689
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
2-PROPENAMIDE, N,N'-METHYLENEBIS- see: AS3678000

UC6475850 2-PROPENAMIDE, N-METHYL-3-(5,10,11,11a-TETRAHYDRO-9,11-DIHYDROXY-8-METHYL-5-OXO- 1H-PYRROLO(2,1-c)(1,4)BENZODIAZEPIN-2-YL)-
UPDT:8309 CAS: 68373-96-6 MW: 329.39 MOLFM: C17-H19-N3-O4
SYN: MEZETHRAMYCIN A
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:800 ug/kg 85GDA2 5,190,81
2-PROPENAMINE see: BA5425000
2-PROPEN-1-AMINE (9CI) see: BA5425000

UC6555000 2-PROPEN-1-AMINE, 3-(4-BROMOPHENYL)-N,N-DIMETHYL-3-(3-PYRIDINYL)-, (Z)-
UPDT:8403 CAS: 56775-88-3 MW: 317.26 MOLFM: C16-H17-Br-N2
SYN: ALLYLAMINE, 3-(p-BROMOPHENYL)-N,N-DIMETHYL-3-(3-PYRIDYL)- * 3-(4-BROMOPHENYL)-N,N-DIMETHYL-3-(3-PYRIDINYL)-2-PROPEN-1-AMINE * (Z)-3-(4'-BROMOPHENYL)-3-(3''-PYRIDYL)DIMETHYLALLYLAMINE * cis-H 102/09 * ZIMELIDINE * cis-ZIMELIDINE * (Z)-ZIMELIDINE
TOXICITY DATA AND REFERENCES:
3F18F27K13 orl-wmn TDLo:56 mg/kg/14D BMJOAE 285,1009,82
2F12F25 orl-rat LD50:900 mg/kg DRUGAY 24,169,82
2F12F25 ivn-rat LD50:50 mg/kg DRUGAY 24,169,82
2F12F25 orl-mus LD50:800 mg/kg DRUGAY 24,169,82
2F12F25 ivn-mus LD50:60 mg/kg DRUGAY 24,169,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-PROPEN-1-AMINE, N-N-DI-2-PROPENYL- (9CI) see: XX5950000
2-PROPEN-1-AMINE, N-METHYL-N-NITROSO- (9CI) see: BA7000000
2-PROPEN-1-AMINE, 3-PHENYL-, HYDROCHLORIDE see: GE2372000

UC6650000 2-PROPEN-1-AMINE, N-2-PROPENYL-
UPDT:8408 CAS: 124-02-7 MW: 97.18 MOLFM: C6-H11-N
SYN: DIALLYLAMINE * DIALLYLAMINE (DOT) * DI-2-PROPENYLAMINE * UN 2359 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 100 ug/24H open AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
2D17J02 ihl-man TCLo:5 ppm/5M AEHLAU 1,343,60
* orl-rat LD50:650 mg/kg AIHAAP 23,95,62
* ihl-rat LCLo:2000 ppm/4H AIHAAP 23,95,62
orl-mus LD50:516 mg/kg AEHLAU 1,343,60
3F11J25K30 ipr-mus LD50:187 mg/kg AEHLAU 1,343,60
skn-rbt LD50:280 mg/kg AIHAAP 23,95,62
* ihl-mam LC50:2100 mg/m3 TPKVAL 14,80,75
* unk-mam LD50:350 mg/kg TPKVAL 14,80,75
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC6740000 PROPENE
UPDT:8412 CAS: 115-07-1 MW: 42.09 MOLFM: C3-H6
SYN: METHYLETHENE * METHYLETHYLENE * NCI-C50077 * 1-PROPENE (9CI) * PROPYLENE * 1-PROPYLENE * PROPYLENE (DOT) * UN 1075 (DOT) * UN 1077 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.101,82
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
1-PROPENE (9CI) see: UC6740000
PROPENE ACID see: AS4375000

UC7090000 PROPENE, 3-BROMO-
UPDT:8406 CAS: 106-95-6 MW: 120.99 MOLFM: C3-H5-Br
SYN: ALLYL BROMIDE * ALLYL BROMIDE (DOT) * BROMALLYLENE * 3-BROMOPROPENE * 3-BROMOPROPYLENE * UN 1099 (DOT)
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate BCPCA6 29,993,80
dns-hmn:hla 500 umol/L CALEDQ 20,263,83
TOXICITY DATA AND REFERENCES:
ihl-rat LC50:10000 mg/m3/30M FAVUAI 7,35,75
ipr-mus LD50:108 mg/kg JPCEAO 320,133,78
orl-gpg LD50:30 mg/kg WQCHM* 4,-,74
* ihl-mam LC50:4110 mg/m3 GTPZAB 18(4),55,74
* ipr-mam LD50:80 mg/kg GTPZAB 18(4),55,74
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC7175000 PROPENE, 1-CHLORO-
UPDT:8408 CAS: 590-21-6 MW: 76.53 MOLFM: C3-H5-Cl
SYN: 1-CHLOROPROPENE * 1-CHLORO-1-PROPENE * PROPENYL CHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg open AMIHBC 10,61,54
MUTATION DATA AND REFERENCES:
mmo-sat 250 uL/plate DTESD7 2,249,77
mmo-sat 100 umol/plate BCPCA6 29,2611,80
TUMORIGENIC DATA AND REFERENCES:
2V02K60 orl-mus TDLo:3560 mg/kg/89W-I JJIND8 63,1433,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1950 mg/kg AMIHBC 10,61,54
ihl-mus LCLo:230 gm/m3/10M UCPHAQ 1,119,38
* skn-rbt LD50:20 gm/mg AMIHBC 10,61,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC7182000 PROPENE, 1-CHLORO- (Z)-
UPDT:8310 CAS: 16136-84-8 MW: 76.53 MOLFM: C3-H5-Cl
SYN: 1-CHLORO-PROPENE * cis-1-CHLOROPROPENE * 1-PROPENE, 1-CHLORO-, (Z)-
TOXICITY DATA AND REFERENCES:
3F01J25J30 ihl-mus LC50:221 gm/m3 UCPHAQ 2,39,41
1-PROPENE, 1-CHLORO-, (Z)- see: UC7182000

UC7200000 PROPENE, 2-CHLORO-
UPDT:8308 CAS: 557-98-2 MW: 76.53 MOLFM: C3-H5-Cl
SYN: 2-CHLORO-1-PROPENE * 2-CHLOROPROPENE (DOT) * UN 2456 (DOT)
MUTATION DATA AND REFERENCES:
mmo-sat 100 umol/plate BCPCA6 29,2611,80
TOXICITY DATA AND REFERENCES:
3F01J25J30 ihl-mus LC50:267 gm/m3 UCPHAQ 2,39,41
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UC7350000 PROPENE, 3-CHLORO-
UPDT:8412 CAS: 107-05-1 MW: 76.53 MOLFM: C3-H5-Cl
SYN: ALLILE (CLORURO DI) (Italian) * ALLYLCHLORID (German) * ALLYL CHLORIDE * ALLYL CHLORIDE (DOT) * ALLYLE (CHLORURE D') (French) * CHLORALLYLENE * 3-CHLOROPRENE * 1-CHLORO PROPENE-2 * 3-CHLOROPROPENE-1 * 3-CHLOROPROPENE * 1-CHLORO-2-PROPENE * 3-CHLOROPROPYLENE * 3-CHLORPROPEN (German) * NCI-C04615 * UN 1100 (DOT)
IRRITATION DATA AND REFERENCES:
eye-rat 290 ppm/6H JIHTAB 22,79,40
skn-rbt 10 mg/24H open JIHTAB 30,63,48
eye-rbt 469 mg AJOPAA 29,1363,46
eye-gpg 290 ppm/6H JIHTAB 22,79,40
MUTATION DATA AND REFERENCES:
mmo-sat 1 uL/plate MUREAV 57,11,78
mma-sat 100 nL/plate MUREAV 57,11,78
dnr-esc 10 uL/plate MUREAV 57,11,78
mmo-omi 10 uL/plate CBINA8 30,9,90
mmo-smc 184 umol/L MUREAV 57,11,78
mrc-smc 184 umol/L MUREAV 57,11,78
dns-hmn:hla 1 mmol/L CALEDQ 20,263,83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 ihl-rat TCLo:300 ppm/7H (6-15D preg) FAATDF 3,437,83
3T25T34T59 ipr-rat TDLo:1200 mg/kg (1-15D preg) SWEHDO 7(Suppl 4),66,81
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-mus TDLo:50 gm/kg/78W-I NCITR* NCI-CG-TR-73,78

2V03J60 ipr-mus TDLo:5880 mg/kg/8W-I CNREA8 39,391,79
2V03K60 orl-mus TD :78 gm/kg/78W-I NCITR* NCI-CG-TR-73,78

TOXICITY DATA AND REFERENCES:
ihl-hmn LCLo:3000 ppm 34ZIAG -,86,69
* orl-rat LD50:64 mg/kg AMIHBC 30,63,48
ihl-rat LCLo:290 ppm/8H JIHTAB 22,79,40
ihl-mus LCLo:153 gm/m3/10M UCPHAQ 1,119,38
ipr-mus LD50:155 mg/kg SCCUR* -,1,61
ivn-dog LD50:7150 ug/kg JPETAB 89,109,47
* skn-rbt LD50:2066 mg/kg JIHTAB 30,63,48
ihl-gpg LCLo:290 ppm/4H JIHTAB 22,79,40

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 21,251,77
★ TLV-TWA 1 ppm; STEL 2 ppm DTLVS* 4,12,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 ppm (SCP-I) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ALLYL CHLORIDE recm std-air:TWA 1 ppm;CL 3 ppm/15M NTIS**

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:MOUSE (NCITR* NCI-CG-TR-73,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-73,78)
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1000
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC7700000 PROPENE, 3-CHLORO-2-FLUORO-
UPDT:8303 CAS: 6186-91-0 MW: 94.52 MOLFM: C3-H4-Cl-F
SYN: 3-CHLORO-2-FLUORO-1-PROPENE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:280 mg/kg AIHAAP 23,95,62
* ihl-rat LCLo:1000 ppm/4H AIHAAP 23,95,62
* skn-rbt LD50:200 mg/kg AIHAAP 23,95,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC8045000 PROPENE, 1-CHLORO-2-METHYL-
UPDT:8412 CAS: 513-37-1 MW: 90.56 MOLFM: C4-H7-Cl
SYN: alpha-CHLOROISOBUTYLENE * 1-CHLORO-2-METHYLPROPENE * 1-CHLORO-2-METHYL-1-PROPENE * DIMETHYLVINYLCHLORIDE * beta, beta-DIMETHYLVINYL CHLORIDE * 2,2-DIMETHYLVINYL CHLORIDE * ISOCROTYL CHLORIDE * NCI-C54819 * 1-PROPENE, 1-CHLORO-2-METHYL-

TOXICITY DATA AND REFERENCES:
3F01J25J30 ihl-mus LC50:181 gm/m3 UCPHAQ 2,39,41

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984

1-PROPENE, 1-CHLORO-2-METHYL- see: UC8045000

UC8050000 PROPENE, 3-CHLORO-2-METHYL-
UPDT:8412 CAS: 563-47-3 MW: 90.56 MOLFM: C4-H7-Cl
SYN: gamma-CHLOROISOBUTYLENE * 3-CHLOR-2-METHYL-PROP-1-EN (German) * 3-CHLORO-2-METHYLPROPENE * 3-CHLORO-2-METHYL-1-PROPENE * 3-CLORO-2-METIL-PROP-1-ENE (Italian) * CHLORURE DE METHALLYLE (French) * CLORURO DI METALLILE (Italian) * ISOBUTENYL CHLORIDE * METHALLYL CHLORIDE * beta-METHALLYL CHLORIDE * 2-METHYL-ALLYLCHLORID (German) * beta-METHYLALLYL CHLORIDE * 2-METHYLALLYL CHLORIDE * METHYL ALLYL CHLORIDE (DOT) * NCI-C54820 * UN 2554 (DOT)

MUTATION DATA AND REFERENCES:
mmo-sat 6 umol/plate BCPCA6 29,2611,80
mma-sat 6 umol/plate BCPCA6 29,2611,80
dns-hmn:hla 1 mmol/L CALEDQ 20,263,83

TOXICITY DATA AND REFERENCES:
ihl-rat LC50:34000 mg/m3/30M FAVUAI 7,35,75
ihl-mus LCLo:91 gm/m3/10M UCPHAQ 1,119,38

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC8060000 PROPENE, 3-CHLOROPENTAFLUORO-
UPDT:8408 CAS: 79-47-0 MW: 166.48 MOLFM: C3-Cl-F5
SYN: 3-CHLOROPENTAFLUOROPROPENE * PERFLUOROALLYL CHLORIDE * 1-PROPENE, 3-CHLORO-1,1,2,3,3-PENTAFLUORO- (9CI)

TOXICITY DATA AND REFERENCES:
* ihl-rat LCLo:27 ppm TOXID9 4,66,84

1-PROPENE, 3-CHLORO-1,1,2,3,3-PENTAFLUORO- (9CI) see: UC8060000 PROPENE, 3-CHLOROPENTAFLUORO-

trans-1-PROPENE-1,2-DICARBOXYLIC ACID see: OX0075000

UC8280000 1-PROPENE, DICHLORO-
UPDT:8401 CAS: 26952-23-8 MW: 110.97 MOLFM: C3-H4-Cl2
SYN: DICHLOROPROPENE (DOT) * DICHLOROPROPYLENE * UN 2047 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UC8300000 PROPENE, 1,2-DICHLORO-
UPDT:8409 CAS: 563-54-2 MW: 110.97 MOLFM: C3-H4-Cl2
SYN: DICHLOR * 1,2-DICHLOROPROPENE * 1,2-DICHLOROPROPYLENE * PDC * PROPYLENE DICHLORIDE * RCRA WASTE NUMBER U083

MUTATION DATA AND REFERENCES:
mmo-sat 10 uL/plate JSFAAE 32,826,81
mma-sat 10 uL/plate JSFAAE 32,826,81
mmo-asn 10 uL/plate PMRSDJ 2,87,81

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2000 mg/kg 85ARAE 3,20,76

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1003

UC8310000 PROPENE, 1,3-DICHLORO-
UPDT:8412 CAS: 542-75-6 MW: 110.97 MOLFM: C3-H4-Cl2
SYN: alpha-CHLOROALLYL CHLORIDE * gamma-CHLOROALLYL CHLORIDE * DICHLOROPROPENE * 1,3-DICHLOROPROPENE * 1,3-DICHLOROPROPENE-1 * alpha,gamma-DICHLOROPROPYLENE * 1,3-DICHLOROPROPYLENE * NCI-C03985 * RCRA WASTE NUMBER U084 * VIDDEN D * TELONE * TELONE II * TELONE II SOIL FUMIGANT

MUTATION DATA AND REFERENCES:
mmo-sat 33 ug/plate ENMUDM 5(Suppl 1),3,83
mma-sat 1 umol/plate ENMUDM 2,59,80
sce-ham:ovr 900 nmol/L CNJGA8 22,681,80

TOXICITY DATA AND REFERENCES:
orl-rat LD50:250 mg/kg GUCHAZ 6,192,73
* ihl-mus LC50:4650 mg/m3/2H 85GMAT -,48,82
skn-rbt LD50:504 mg/kg DTLVS* 4,133,80

REVIEW AND REFERENCES:
★ TLV-TWA 1 ppm; STEL 10 ppm (skin) DTLVS* 4,133,80

STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC8320000 PROPENE, 1,3-DICHLORO-, (E)-
UPDT:8406 CAS: 10061-02-6 MW: 110.97 MOLFM: C3-H4-Cl2
SYN: (E)-1,3-DICHLOROPROPENE * trans-1,3-DICHLOROPROPENE * trans-1,3-DICHLOROPROPYLENE * 1-PROPENE, 1,3-DICHLORO-, (E)- (9CI)

MUTATION DATA AND REFERENCES:
mmo-sat 20 ug/plate CNREA8 37,1915,77
mma-sat 20 ug/plate CNREA8 37,1915,77
dns-hmn:hla 100 umol/L CALEDQ 20,263,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

1-PROPENE, 1,3-DICHLORO-, (E)- (9CI) see: UC8320000

UC8325000 PROPENE, 1,3-DICHLORO-, (Z)-
UPDT:8406 CAS: 10061-01-5 MW: 110.97 MOLFM: C3-H4-Cl2
SYN: cis-1,3-DICHLOROPROPENE * (Z)-1,3-DICHLOROPROPENE * cis-1,3-DICHLOROPROPYLENE * 1-PROPENE, 1,3-DICHLORO-, (Z)- (9CI)

MUTATION DATA AND REFERENCES:
mmo-sat 20 ug/plate CNREA8 37,1915,77
mma-sat 20 ug/plate CNREA8 37,1915,77
dns-hmn:hla 100 umol/L CALEDQ 20,263,83

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:9240 mg/kg/77W-I JJIND8 63,1433,79

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-PROPENE, 1,3-DICHLORO-, (Z)- (9CI) see: UC8325000

UC8400000 PROPENE, 2,3-DICHLORO-
UPDT:8408 CAS: 78-88-6 MW: 110.97 MOLFM: C3-H4-Cl2
SYN: 2,3-DICHLOROPROPENE * 2,3-DICHLORO-1-PROPENE * 2,3-DICHLOROPROPYLENE

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AIHAAP 23,95,62

MUTATION DATA AND REFERENCES:
mmo-sat 20 ug/plate CNREA8 37,1915,77
mma-sat 20 ug/plate CNREA8 37,1915,77
dns-hmn:hla 100 umol/L CALEDQ 20,263,83

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:320 mg/kg AIHAAP 23,95,62
* ihl-rat LCLo:500 ppm/4H AIHAAP 23,95,62
* ihl-mus LC50:3100 mg/m3/2H 85GMAT -,48,82
1R10 skn-rbt LD50:1580 mg/kg AIHAAP 23,95,62

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC8410000 PROPENE, 1,2-DICHLORO-2-METHYL-
UPDT:8408 MW: 125.00 MOLFM: C4-H6-Cl2
SYN: 1,2-DICHLORO-2-METHYLPROPENE * ISOBUTYLENE CHLORIDE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1501 mg/kg 85GMAT -,77,82
* ihl-rat LC50:400 mg/m3/4H 85GMAT -,77,82
* orl-mus LD50:205 mg/kg 85GMAT -,77,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC8420000 PROPENE, 1,3-DICHLORO-2-METHYL-
UPDT:8408 CAS: 2375-22-2 MW: 125.00 MOLFM: C4-H6-Cl2
SYN: 1,3-DICHLOROISOBUTYLENE * 1,3-DICHLORO-2-METHYLPROPENE * 1,3-DICHLORO-2-METHYL-1-PROPENE * 1-PROPENE, 1,3-DICHLORO-2-METHYL- (9CI)

TOXICITY DATA AND REFERENCES:
* ihl-mus LC50:4400 mg/m3/2H 85GMAT -,46,82

UC8430000 PROPENE, 3,3-DICHLORO-2-METHYL-
UPDT:8408 CAS: 22227-75-4 MW: 125.00 MOLFM: C4-H6-Cl2
SYN: 3,3-DICHLOROISOBUTYLENE * 3,3-DICHLORO-2-METHYLPROPENE * 3,3-DICHLORO-2-METHYL-1-PROPENE * 1-PROPENE, 3,3-DICHLORO-2-METHYL- (9CI)

TOXICITY DATA AND REFERENCES:
* ihl-mus LC50:1500 mg/m3/2H 85GMAT -,47,82

1-PROPENE, 1,3-DICHLORO-2-METHYL- (9CI) see: UC8420000 PROPENE, 1,3-DICHLORO-2-METHYL-

1-PROPENE, 3,3-DICHLORO-2-METHYL- (9CI) see: UC8430000 PROPENE, 3,3-DICHLORO-2-METHYL-

1-PROPENE, 1-(3,4-DIMETHOXYPHENYL)- see: CZ7000000

UC8924000 1-PROPENE-1,1-DIOL, 2-CHLORO-, DIACETATE
UPDT:8407 CAS: 5459-90-5 MW: 192.61 MOLFM: C7-H9-Cl-O4
SYN: 2-CHLOROALLYLIDENE, 3,3-DIACETATE

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 4,119,51
eye-rbt 50 ug open SEV AMIHBC 4,119,51

TOXICITY DATA AND REFERENCES:
orl-rat LD50:320 mg/kg AMIHBC 4,119,51
ihl-rat LCLo:8 ppm/4H AMIHBC 4,119,51
skn-rbt LD50:980 mg/kg AMIHBC 4,119,51

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UC9625000 2-PROPENE-1,1-DIOL, DIACETATE
UPDT:8407 CAS: 869-29-4 MW: 158.17 MOLFM: C7-H10-O4
SYN: ACROLEIN DIACETATE * ALLYLIDENE ACETATE * ALLYLIDENE DIACETATE * DIACETOXYPROPENE * 1,1-DIACETOXYPROPENE-2 * 3,3-DIACETOXYPROPENE * SD-345 * SHELL 345 * SHELL SD 345

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 30,63,48
skn-rbt 500 mg open SEV UCDS** 12/27/71
eye-rbt 10 mg SEV UCDS** 12/27/71

TOXICITY DATA AND REFERENCES:
orl-mus LD50:38 mg/kg SCCUR* -,1,61
ihl-mus LCLo:853 ppm/15M SCCUR* -,1,61

1-PROPENE, 3-ETHOXY- (9CI) see: KM9120000

UD0175000 PROPENE, HEXACHLORO-
UPDT:8406 CAS: 1888-71-7 MW: 248.73 MOLFM: C3-Cl6
SYN: HEXACHLOROPROPENE * HEXACHLOROPROPYLENE * RCRA WASTE NUMBER U243

TOXICITY DATA AND REFERENCES:
ihl-rat LC50:425 ppm/30M XEURAQ MDDC-1715
ipr-rat LD50:400 mg/kg XEURAQ MDDC-1715
ihl-mus LCLo:300 ppm/30M XEURAQ MDDC-1715
ipr-mus LDLo:64 mg/kg CBCCT* 1,46,49
ihl-rbt LCLo:85 ppm/30M XEURAQ MDDC-1715

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UD0350000 PROPENE, HEXAFLUORO-
UPDT:8411 CAS: 116-15-4 MW: 150.03 MOLFM: C3-F6
SYN: HEXAFLUOROPROPENE * HEXAFLUOROPROPYLENE (DOT) * HEXAFLUOROPROPYLENE * PERFLUOROPROPENE * PERFLUOROPROPYLENE * PROPYLENE, HEXAFLUORO- * UN 1858 (DOT)
TOXICITY DATA AND REFERENCES:
1F23 ihl-rat LC50:11200 mg/m3/4H GTPZAB 15(2),38,71
ihl-mus LC50:750 ppm/4H AMPMAR 27,509,66
STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-PROPENE HOMOPOLYMER (9CI) see: UD1842000

UD0450000 PROPENE, 3-IODO-
UPDT:8406 CAS: 556-56-9 MW: 167.98 MOLFM: C3-H5-I
SYN: ALLYL IODIDE * ALLYL IODIDE (DOT) * 3-IODOPROPENE * 3-IODOPROPYLENE * 1-PROPENE, 3-IODO- (9CI) * UN 1723 (DOT)
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate BCPCA6 29,993,80
dns-hmn:hla 50 umol/L CALEDQ 20,263,83
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID, CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1-PROPENE, 3-IODO- (9CI) see: UD0450000
PROPENE, 3-ISOTHIOCYANATO- see: NX8225000

UD0800000 1-PROPENE, 2-METHOXY-
UPDT:8307 CAS: 116-11-0 MW: 72.12 MOLFM: C4-H8-O
SYN: 2-METHOXYPROPENE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1870 mg/kg AIHAAP 30,470,69
* ihl-rat LCLo:64000 ppm/4H AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PROPENE, 1-(p-METHOXYPHENYL)- see: BZ8925000

UD0890000 PROPENE, 2-METHYL-
UPDT:8408 CAS: 115-11-7 MW: 56.12 MOLFM: C4-H8
SYN: gamma-BUTYLENE * ISOBUTENE * ISOBUTYLENE * ISOBUTYLENE (DOT) * LIQUEFIED PETROLEUM GAS (DOT) * UN 1055 (DOT) * UN 1075 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-rat LC50:620 gm/m3/4H FATOAO 30,102,67
ihl-mus LC50:415 gm/m3/2H FATOAO 30,102,67
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UD1150000 PROPENE, 2-METHYL-, TRIMER
UPDT:8401 CAS: 7756-94-7 MW: 168.36 MOLFM: C12-H24
SYN: ISOBUTENE TRIMER * 1-PROPENE, 2-METHYL-, TRIMER (9CI) * TRIISOBUTYLENE * TRIISOBUTYLENE (DOT) * UN 2324 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1-PROPENE, 2-METHYL-, TRIMER (9CI) see: UD1150000
PROPENENITRILE see: AT5250000
2-PROPENENITRILE see: AT5250000

UD1400000 2-PROPENENITRILE, 2-METHYL-
UPDT:8411 CAS: 126-98-7 MW: 67.10 MOLFM: C4-H5-N
SYN: 2-CYANOPROPENE-1 * ISOPROPENE CYANIDE * ISOPROPENYLNITRILE * METHACRYLONITRILE * METHYLACRYLONITRILE * alpha-METHYLACRYLONITRILE * 2-METHYLPROPENENITRILE * RCRA WASTE NUMBER U152 * USAF ST-40
IRRITATION DATA AND REFERENCES:
skn-rbt 200 mg MLD JIHTAB 31,113,49
eye-rbt 50 mg JIHTAB 31,113,49
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg AIHAAP 23,95,62
ihl-rat LC50:328 ppm/4H AIHAAP 29,202,68
orl-mus LDLo:15 mg/kg SCCUR* -,6,61
1F12 ihl-mus LC50:36 ppm/4H AIHAAP 29,202,68
ipr-mus LDLo:15 mg/kg JIHTAB 31,113,49
1F12 ihl-rbt LC50:37 ppm/4H AIHAAP 29,202,68
1F12 skn-rbt LD50:320 mg/kg AIHAAP 29,202,68
1F12 ihl-gpg LC50:88 ppm/4H AIHAAP 29,202,68
REVIEW AND REFERENCES:
★ TLV-TWA 1 ppm; STEL 2 ppm (skin) DTLVS* 4,261,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UD1440000 2-PROPENENITRILE, 3-PHENYL-
UPDT:8301 CAS: 4360-47-8 MW: 129.17 MOLFM: C9-H7-N
SYN: CINNAMONITRILE * CINNAMYL NITRILE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,721,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4150 mg/kg FCTXAV 14,721,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2-PROPENENITRILE POLYMER with 1,3-BUTADIENE and ETHENYLBENZENE (9CI) see: AT6970000
2-PROPENENITRILE, POLYMER with CHLOROETHENE (9CI) see: AT6976000
2-PROPENENITRILE POLYMER with ETHENYLBENZENE (9CI) see: AT6978000
2-PROPENE-1-OL see: BA5075000
PROPENE OXIDE see: TZ2975000

UD1780000 PROPENE, 1,1,2,3,3-PENTACHLORO-
UPDT:8402 CAS: 1600-37-9 MW: 214.29 MOLFM: C3-H-Cl5
SYN: 1,1,2,3,3-PENTACHLOROPROPENE * 1,1,2,3,3-PENTACHLOROPROPYLENE * 1-PROPENE, 1,1,2,3,3-PENTACHLORO-
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate MUREAV 79,203,80
mmo-sat 10 ug/plate MUREAV 79,203,80
mmo-smc 100 ug/L MUREAV 119,273,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1-PROPENE, 1,1,2,3,3-PENTACHLORO- see: UD1780000

UD1800000 1-PROPENE, 1,1,3,3,3-PENTAFLUORO-2-TRIFLUOROMETHYL-
UPDT:8411 CAS: 382-21-8 MW: 200.04 MOLFM: C4-F8
SYN: ISOBUTENE, OCTAFLUORO- * OCTAFLUOROISOBUTYLENE * OCTAFLUORO-sec-BUTENE * PERFLUOROISOBUTYLENE * PFIB
TOXICITY DATA AND REFERENCES:
3J16J25U01 ihl-rat LC50:17 ppm/10M TOXID9 1,7,81
ihl-mus LCLo:10 mg/m3/2H GTPZAB 5(3),3,61
2F07J25 ihl-rbt LC50:1200 ppb/2H BIMEA5 57,247,68
2F07J25 ihl-gpg LC50:1050 ppb/2H BIMEA5 57,247,68
STATUS:
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1077-0011
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UD1842000 PROPENE POLYMERS
UPDT:8403 CAS: 9003-07-0 MOLFM: (C3-H6)n
SYN: ADMER PB 02 * A-FAX * AMCO * AMERFIL * AMOCO 1010 * AMPOL C 60 * AT 36 * ATACTIC POLYPROPYLENE * AVISUN * AVISUN 101 * AVISUN 12-270A * AVISUN 12-407A * AZDEL * BEAMETTE * BICOLENE P * CARLONA K 571 * CARLONA KM 61 * CARLONA P * CARLONA PM 61 NATUREL * CARLONA PPLZ 074 * CD 419 * CELGARD 2400W * CELGARD KKX 2 * CELGARD 2500 * CELGARD 3501 * CHISSO 507B * CHISSO POLYPRO 1014 * CLYSAR * COATHYLENE PF 0548 * COURLENE PY * CPP 255 * D 151 * DAPLEN AD * DAPLEN APP * DAPLEN AS 50 * DAPLEN AT 10 * DAPLEN ATK 92 * DAPLEN DM 55U * DEXON E 117 * DLP * DS 8620 * EASTOBOND L 8080-270A * EASTOBOND M 3 * EASTOBOND M 5 * EASTOBOND M 5H * ELPON * EL REXENE PP 115 * EM 490 * ENJAY CD 392 * ENJAY CD 460 * ENJAY CD 490 * ENJAY E 115 * ENJAY E 117 * EPOLENE M 5H * EPOLENE M 5K * EPOLENE M 5W * ESCON 622 * ESCON CD 44A * ESCON EX 375 * F 080PP * GERFIL * GPCD 398 * HERCOFLAT 135 * HERCOTUF 110A * HERCOTUF PB 681 * HERCULES 6523 * HERCULON * HF 20 * HO 50 * HOSTALEN N 1060 * HOSTALEN PP * HOSTALEN PPH 1050 * HOSTALEN PPN * HOSTALEN PPN 1060 * HOSTALEN PPN 1075 F * HOSTALEN PPN 1076 F * HOSTALEN PPR 1042 * HOSTALEN PPT VP 7090A * HOSTALEN PP-U * HULS P 6500 * ICI 543 * ISOTACTIC POLYPROPYLENE * J 400 * J 700 * JGD 1800 * JMD 4500 * K 300 * LAMBETH * LANCO WAX PP 1362D * LUPAREEN * LYM 42 * MARLEX 9400 * MARLEX HGH 050-01 * MAURYLENE * MERAKLON * MFR 4 * MH 4 * MIKROLOUR * MITSUI POLYPRO B 220 * MM2A * MOPLEN * MOPLEN AD 50N * MOPLEN AS 50 * MOPLEN Q 51C * MOPLEN T 30G * MOSTEN * NOBLEN * NOBLEN BC 8 * NOBLEN D 101 * NOBLEN D 501 * NOBLEN EBG * NOBLEN FA 3 * NOBLEN FL * NOBLEN FL 4 * NOPLEN FL 6314 * NOBLEN FP * NOBLEN FS 101 * NOBLEN FS 2011 * NOBLEN H * NOBLEN H 101 * NOBLEN H 501 * NOBLEN HS * NOBLEN JHHG * NOBLEN JK-M * NOBLEN MA 4 * NOBLEN MH 6 * NOBLEN MM 2A * NABLEN S 50 * NOBLEN S 101 * NOBLEN SHG * NOBLEN 2VH501 * NOBLEN W 101 * NOBLEN W 501 * NOBLEN W 502 * NOBLEN WF 464 * NOVAMONT 2030 * NOVOLEN * NOVOLEN KR 1300P * NOVOLEN 1300ZX * OLETAC 100 * P 6500 * PAISLEY 750 * PAISLEY POLYMER * PELLON 2505 * PELLON 2506 * PELLON FT 2140 * PISTAC CC * PISTAC L * POLYPRO 1014 * POLYPRO B 220 * POLYPRO G 400P * POLYPRO J 600 * POLYPRO J 400P * POLYPROPENE * POLYPROPYLENE * POLYTAC * POPROLIN * PP 1 * PP 2 * PP 4 * PP 1151 * PP 1 (POLYMER) * PPSD 30 * PR 144 * PROFAX * PROFAX 6301 * PROFAX 6401 * PROFAX 6423 * PROFAX 6501 * PROFAX 6523 * PROFAX 6601 * PROFAX 6723 * PROFAX 6823 * PROFAX 6523F * PROFAX PCO 72 * PROPATHENE * PROPATHENE 22/44 * PROPATHENE 101/24 * PROPATHENE 112/00/GREY 9897 * PROPATHENE GSE 108 * PROPATHENE GSE 180 * PROPATHENE GWE 21 * PROPATHENE GW 522 M * PROPATHENE GW 601M * PROPATHENE GY 702M * PROPATHENE HF 20 * PROPATHENE HW 70GR * PROPATHENE HWM 25 * PROPATHENE LWF 31 * PROPAFILM * PROPATHENE LY 542M * PROPATHENE O * PROPATHENE PXC 3830 * PROPATHENE PXC 4515 * PROPATHENE PXC 8639 * PROPATHENE PXC 9617 * 1-PROPENE HOMOPOLYMER (9CI) * PROPOLIN * PROPOPHANE * PROPYLENE POLYMER * PS 2011 * PXC 3391 * PXC 8639 * REXALL 4135 * REXENE * 4135 * SD 5220 * SHELL 5520 * SHOALLOMER * SHOALLOMER FA 120 * SHOALLOMER FA 530 * SHOALLOMER MA 210 * SYNDIOTACTIC POLYPROPYLENE * TA 3 * TATREN 141 * TATREN EB 111 * TENITE 423 * TENITE 4231 * TENITE 423DF * TENITE P 7673-079F * TRESPAPHAN * TRESPAPHAN CEA * TRESPAPHAN N 12 * TUFF-LITE * ULSTRON * USI 11-4-0047 * VESTOLEN 5200 * VESTOLEN P 5500 * VISCOL 350P * VISCOL 550P * VISCOL 660 P * W 101 * WEX 1242
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,213,79
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 19,213,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UD1900000 2-PROPENE-1-SULFINIC ACID, THIO-, S-ALLYL ESTER
UPDT:8403 CAS: 539-86-6 MW: 162.28 MOLFM: C6-H10-O-S2
SYN: ALLICIN * ALLYLTHIOSULPHINIC ACID ALLYL ESTER * 2-PROPENE-1-SULFINOTHIOIC ACID, S-2-PROPENYL ESTER (9CI) * THIO-2-PROPENE-1-SULFINIC ACID S-ALLYL ESTER
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:120 mg/kg 85GDA2 8(2),356,82
* ivn-mus LD50:60 mg/kg 85GDA2 8(2),356,82

2-PROPENE-1-SULFINOTHIOIC ACID, S-2-PROPENYL ESTER (9CI) see: UD1900000

UD1922000 1-PROPENE-1,1,3,3-TETRACARBONITRILE, SODIUM SALT
UPDT:8402 CAS: 22604-10-0 MW: 164.11 MOLFM: C7-H-N4 Na
SYN: SODIUM SALT of 1,1,3,3-TETRACYANOPROPENE * SODIUM, (1,1,3,3-TETRACYANOALLYL)- * TCNP SODIUM SALT
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:153 mg/kg AACHAX -,642,67
* ipr-mus LD50:66 mg/kg AACHAX -,642,67
* scu-mus LD50:75 mg/kg AACHAX -,642,67

UD1925000 PROPENE, 1,1,2,3-TETRACHLORO-
UPDT:8412 CAS: 10436-39-2 MW: 179.85 MOLFM: C3-H2-Cl4
SYN: 1,1,2,3-TETRACHLOROPROPENE
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate 37KXA7 3,865,80
mmo-sat 100 ug/plate 37KXA7 3,865,80
mmo-esc 500 umol/L CNJGA8 23,17,81
mmo-smc 200 ug/L MUREAV 119,273,83
cyt-rat-orl 1 mg/kg/4W-I GISAAA 43(4),15,78
cyt-ham:ovr 100 umol/L CNJGA8 23,17,81
sce-ham:ovr 200 umol/L CNJGA8 23,17,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:350 mg/kg AIHAAP 30,470,69
ihl-rat LCLo:250 ppm/4H AIHAAP 30,470,69
orl-mus LD50:800 mg/kg GISAAA 43(4),15,78
skn-rbt LD50:400 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UD1950000 PROPENE, TETRAMER
UPDT:8312 CAS: 6842-15-5 MW: 168.36 MOLFM: C12-H24
SYN: AMSCO TETRAMER * DODECENE * DODECYLENE * 1-PROPENE, TETRAMER (9CI) * PROPYLENE TETRAMER * PROPYLENE TETRAMER (DOT) * TETRAPROPYLENE * UN 2850 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1-PROPENE, TETRAMER (9CI) see: UD1950000
1-PROPENE, 3,3'-THIOBIS- (9CI) see: BC4900000
2-PROPENE-1-THIOL, 2-CHLORO-, DIETHYLDITHIOCARBAMATE see: EZ5075000
2-PROPENE-1-THIOL, 2,3-DICHLORO-, DIISOPROPYLCARBAMATE see: EZ8225000
2-PROPENE-1-THIOL, 2,3,3-TRICHLORO-, DIISOPROPYLCARBAMATE see: EZ8575000

UD2380000 1-PROPENE-1,2,3-TRICARBOXYLIC ACID
UPDT:8403 CAS: 499-12-7 MW: 174.12 MOLFM: C6-H6-O6
SYN: ACHILLEIC ACID * ACONITIC ACID * CITRIDIC ACID * EQUISETIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#00189
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PROPENE, 1,3,3-TRIETHOXY- see: AS1750000

UD2792000 PROPENE, 3,3,3-TRIFLUORO-

UPDT:8408 CAS: 677-21-4 MW: 96.06 MOLFM: C3-H3-F3

SYN: 1-PROPENE, 3,3,3-TRIFLUORO- (9CI) * TRIFLUOROMETHYLETHYLENE * 1,1,1-TRIFLUOROPROPENE * 3,3,3-TRIFLUOROPROPENE * 3,3,3-TRIFLUOROPROPYLENE

TOXICITY DATA AND REFERENCES:

* ihl-mus LC50:1691 gm/m3/2H 85GMAT -,116,82

1-PROPENE, 3,3,3-TRIFLUORO- (9CI) see: UD2792000 PROPENE, 3,3,3-TRIFLUORO-

UD2794000 PROPENE, TRIMER

UPDT:8312 CAS: 13987-01-4 MW: 126.27 MOLFM: C9-H18

SYN: PROPYLENE TRIMER * TRIPROPYLENE * TRIPROPYLENE (DOT) * UN 2057 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE LIQUID, LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

PROPENOIC ACID see: AS4375000

2-PROPENOIC ACID (9CI) see: AS4375000

2-PROPENOIC ACID, BICYCLO(2,2,1)HEPT-5-EN-2-YLMETHYL ESTER (9CI) see: AT3850000

UD3150000 2-PROPENOIC ACID, BUTYL ESTER

UPDT:8408 CAS: 141-32-2 MW: 128.19 MOLFM: C7-H12-O2

SYN: ACRYLIC ACID, BUTYL ESTER * ACRYLIC ACID n-BUTYL ESTER * BUTYL ACRYLATE * n-BUTYL ACRYLATE * BUTYLACRYLATE, inhibited (DOT) * BUTYL 2-PROPENOATE * UN 2348 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51

skn-rbt 500 mg open MLD UCDS** 4/5/73

eye-rbt 50 mg MLD UCDS** 4/5/73

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:900 mg/kg 85GMAT -,28,82

ihl-rat LCLo:1000 ppm/4H AMIHBC 4,119,51

* skn-rat LDLo:1700 mg/kg PJPPAA 32,223,80

ipr-rat LD50:550 mg/kg AMPMAR 36,58,75

* orl-mus LD50:7561 mg/kg TOLED5 11,125,82

* ihl-mus LC50:7800 mg/m3/2H 85GMAT -,28,82

* ipr-mus LD50:853 mg/kg JDREAF 51,526,72

* skn-rbt LD50:2000 mg/kg TXAPA9 28,313,74

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: EVHPAZ 11,141,75

★ TLV-TWA 10 ppm DTLVS* 4,53,80

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

UD3325000 2-PROPENOIC ACID, CALCIUM SALT, MONOHYDRATE

UPDT:8307 CAS: 51366-35-9 MW: 200.22 MOLFM: C6-H6-O4 Ca H2-O

SYN: ACRYLIC ACID, CALCIUM SALT * CALCIUM ACRYLATE, MONOHYDRATE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:4920 mg/kg AIHAAP 30,470,69

2-PROPENOIC ACID, 2-CHLORO-, ETHYL ESTER see: AS6340000

2-PROPENOIC ACID, 2-CHLOROETHYL ESTER (9CI) see: AS6300000

UD3325500 2-PROPENOIC ACID, 2-(4-CHLOROPHENOXY)-3-(3,4-DIMETHOXYPHENYL)-, 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE

UPDT:8412 CAS: 49819-04-7 MW: 470.43 MOLFM: C23-H28-Cl-N-O5 Cl-H

TOXICITY DATA AND REFERENCES:

2F12F18 orl-mus LDLo:750 mg/kg CHTPBA 8,284,73

UD3325600 2-PROPENOIC ACID, 2-(4-CHLOROPHENOXY)-3-PHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8412 CAS: 49819-01-4 MW: 410.37 MOLFM: C21-H24-Cl-N-O3 Cl-H

TOXICITY DATA AND REFERENCES:

1F18 orl-mus LDLo:1500 mg/kg CHTPBA 8,284,73

UD3325700 2-PROPENOIC ACID, 2-(4-CHLOROPHENOXY)-3-PHENYL-, 2-(METHYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8412 CAS: 49818-99-7 MW: 368.28 MOLFM: C18-H18-Cl-N-O3 Cl-H

TOXICITY DATA AND REFERENCES:

1F07 orl-mus LDLo:2500 mg/kg CHTPBA 8,284,73

2-PROPENOIC ACID, 3-(4-CHLOROPHENYL)-, compd. with 1,4-PIPERAZINEDIAMINE (2:1) (9CI) see: GD8550000

2-PROPENOIC ACID, 3-CHLORO-, SODIUM SALT, (Z)- (9CI) see: AS6475000

2-PROPENOIC ACID, 2-CYANO- (9CI) see: AS6530000

2-PROPENOIC ACID, 2-CYANO-, 3-METHYLBUTYL ESTER see: AS6920000

2-PROPENOIC ACID, CYCLOHEXYL ESTER (9CI) see: AS7350000

2-PROPENOIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER (9CI) see: AS8225000

2-PROPENOIC ACID, 3,3-DIFLUORO-2-(TRIFLUOROMETHYL)-, METHYL ESTER(9CI) see: AS8575000

2-PROPENOIC ACID, 3-(3,4-DIHYDROXYPHENYL)- (9CI) see: GD8950000

2-PROPENOIC ACID, 2,2-DIMETHYL-1,3-PROPANEDIYL ESTER (9CI) see: AS8925000

2-PROPENOIC ACID, 3,3-DIPHENYL- (9CI) see: AS8990000

2-PROPENOIC ACID, 1,2-ETHANEDIYLBIS(OXY-2,1-ETHANEDIYL) ESTER (9CI) see: AS8150000 ACRYLICACID, DIESTER with TRIETHYLENE GLYCOL

2-PROPENOIC ACID, 1,2-ETHANEDIYL ESTER (9CI) see: AT0350000

2-PROPENOIC ACID, 2-ETHOXYETHYL ESTER see: AS9800000

2-PROPENOIC ACID, 2-ETHYLBUTYL ESTER (9CI) see: AT0300000

2-PROPENOIC ACID, ETHYL ESTER see: AT0700000

2-PROPENOIC ACID, 2-ETHYLHEXYL ESTER (9CI) see: AT0855000

2-PROPENOIC ACID, 2-ETHYL-2-(((1-OXO-2-PROPENYL)OXY)METHYL)-1,3-PROPANEDIYL ESTER (9CI) see: AT4810000

2-PROPENOIC ACID, 2-(ETHYLTHIO)ETHYL ESTER (9CI) see: AT1260000 ACRYLIC ACID, 2-(ETHYLTHIO)ETHYL ESTER

2-PROPENOIC ACID, HEPTYL ESTER see: A[illegible]412000

2-PROPENOIC ACID, HEXYL ESTER (9CI) see: AT1450000

2-PROPENOIC ACID HOMOPOLYMER (9CI) see: AT4680000

UD3360000 2-PROPENOIC ACID, HOMOPOLYMER, ZINC SALT

UPDT:8401 CAS: 25916-47-6 MOLFM: (C3-H4-O2)n xZn

SYN: ACRYLIC ACID POLYMER, ZINC SALT * ZINC POLYACRYLATE * ZINC POLYCARBOXYLATE

TUMORIGENIC DATA AND REFERENCES:

3V03K60N62 imp-mus TDLo:1600 mg/kg/1Y-C JBMRBG 9,69,75

3V03N61Q60 imp-ham TDLo:320 mg/kg/64W-C JBMRBG 9,69,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-PROPENOIC ACID, 2-HYDROXYETHYL ESTER (9CI) see: AT1750000

2-PROPENOIC ACID, 3-(4-HYDROXY-3-METHOXYPHENYL)-, (E)- (9CI) see: GD9275000

UD3370000 2-PROPENOIC ACID, 2-(HYDROXYMETHYL)-2-(((1-OXO-2-PROPENYL)OXY)METHYL)-1,3-PROPANEDIYL ESTER

UPDT:8307 CAS: 3524-68-3 MW: 298.32 MOLFM: C14-H18-O7

SYN: ACRYLIC ACID, PENTAERITHRITOL TRIESTER * PENTAEPYTHRITOL TRIACRYLATE * PETA

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg open MLD UCDS** 3/28/72

eye-rbt 1 mg SEV UCDS** 3/28/72

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2460 mg/kg TXAPA9 28,313,74

* skn-rbt LD50:4000 mg/kg TXAPA9 28,313,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0882-0454

2-PROPENOIC ACID, 3-(4-HYDROXYPHENYL)- (9CI) see: GD9094000

UD3375250 2-PROPENOIC ACID, 3-(4-HYDROXYPHENYL)-, 6′-ESTER with 3-(beta-D-GLUCOPYRANOSYLOXY)-5,7- DIHYDROXY-2-(4-HYDROXYPHENYL)-4H-1-BENZOPYRAN-4-ONE

UPDT:8303 CAS: 20316-62-5 MW: 593.55 MOLFM: C30-H25-O13

SYN: TILIROSIDE

MUTATION DATA AND REFERENCES:

mma-sat 40 ug/plate ENMUDM 3,401,81

2-PROPENOIC ACID, 2-HYDROXYPROPYL ESTER (9CI) see: AT1925000

2-PROPENOIC ACID, 3-(1H-IMIDAZOL-4-YL)- (9CI) see: NI3425200

2-PROPENOIC ACID, 3-(1-H-INDOL-3-YL) see: NL3680000

2-PROPENOIC ACID, ISODECYL ESTER (9CI) see: AT2190000

2-PROPENOIC ACID, 3-(2-METHOXYPHENYL)-, (Z)- (9CI) see: GD9720000

2-PROPENOIC ACID, 2-METHYL-, ANHYDRIDE (9CI) see: OZ5700000 METHACRYLIC ANHYDRIDE

2-PROPENOIC ACID, 2-METHYL-, BUTYL ESTER see: OZ3675000

2-PROPENOIC ACID, 2-METHYL-, 2-CYANOETHYL ESTER (9CI) see: OZ4385000 METHACRYLIC ACID,ESTER with HYDRACRYONITRILE

2-PROPENOIC ACID, 2-METHYL-, 2-(DIMETHYLAMINO)-1-((DIMETHYLAMINO)METHYL)ETHYL ESTER (9CI) see: OZ4170000 METHACRYLIC ACID, 2-(DIMETHYLAMINO)-1-((DIMETHYLAMINO)METHYL)ETHYL ESTER

PROPENOIC ACID METHYL ESTER (9CI) see: AT2800000

2-PROPENOIC ACID, METHYL ESTER (9CI) see: AT2800000

2-PROPENOIC ACID, 2-METHYL-, 1,2-ETHANEDIYLBIS(OXY-2,1-ETHANEDIYL) ESTER (9CI) see: OZ4100000

2-PROPENOIC ACID, 2-METHYL-, 1,2-ETHANEDIYL ESTER (9CI) see: OZ4400000

UD3418000 2-PROPENOIC ACID, 2-METHYL-, 8-ETHOXY-2,3,3a,4,5,8,11,11a-OCTAHYDRO-6,10-DIMETHYL-3- METHYLENE-2-OXO-8,11-EPOXYCYCLODECA(b)FURAN-4-YL ESTER, (3aR-(3aR*,4S*,6Z,8S*,11S*,11aS*))-

UPDT:8406 CAS: 55306-05-6 MW: 374.47 MOLFM: C21-H26-O6

SYN: PHANTOMOLIN

MUTATION DATA AND REFERENCES:

dni-mus:ast 2143 umol/L JPMSAE 67,1235,78

2-PROPENOIC ACID, 2-METHYL-, ETHYL ESTER see: OZ4550000

2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER see: OZ5075000

2-PROPENOIC ACID, 2-METHYL-, 2-METHYLPROPYL ESTER see: OZ4900000

2-PROPENOIC ACID, 2-METHYL-, 2-(METHYLTHIO)ETHYL ESTER (9CI) see: OZ5205000 METHACRYLICACID, 2-(METHYLTHIO)ETHYL ESTER

UD3460000 2-PROPENOIC ACID, 3-(1-METHYL-5-NITRO-1H-IMIDAZOL-2-YL)-2-PHENOXY-

UPDT:8406 CAS: 74550-88-2 MW: 289.27 MOLFM: C13-H11-N3-O5

SYN: DA 3831 * 3-(1-METHYL-5-NITRO-1H-IMIDAZOL-2-YL)-2-PHENOXY-2-PROPENOIC ACID

MUTATION DATA AND REFERENCES:

mmo-sat 1 umol/L TCMUD8 3,429,83

UD3470000 2-PROPENOIC ACID, 2-METHYL-, 2,3,3a,4,5,8,11,11a-OCTAHYDRO-11-HYDROXY-6,10-DIMETHYL-3- METHYLENE-2,8-DIOXOCYCLODECA(b)FURAN-4-YL ESTER, (3aR-(3aR*,4S*,6E,9Z,11S*,11aS*))-

UPDT:8406 CAS: 50656-66-1 MW: 346.41 MOLFM: C19-H22-O6

SYN: MOLEPHANTIN

MUTATION DATA AND REFERENCES:

dni-mus:ast 2143 umol/L JPMSAF 67,1235,78

2-PROPENOIC ACID, 2-METHYL- 2-(1-PIPERIDINYL)ETHYL ESTER (9CI) see: OZ5240000 METHACRYLICACID, 2-PIPERIDINOETHYL ESTER

2-PROPENOIC ACID, 1-METHYL-1,3-PROPANEDIYL ESTER (9CI) see: AS5250000

UD3483000 2-PROPENOIC ACID, 2-METHYL-, 2-PROPENYL ESTER

UPDT:8305 CAS: 96-05-9 MW: 126.17 MOLFM: C7-H10-O2

SYN: AGEFLEX AMA * ALLYL METHACRYLATE * METHACRYLIC ACID, ALLYL ESTER

TOXICITY DATA AND REFERENCES:

orl-rat LD50:430 mg/kg AIHAAP 30,470,69

ihl-rat LCLo:500 ppm AIHAAP 30,470,69

skn-rbt LD50:500 mg/kg AIHAAP 30,470,69

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-PROPENOIC ACID, 2-METHYLPROPYL ESTER (9CI) see: AT2100000

2-PROPENOIC ACID, 2-(METHYLTHIO)ETHYL ESTER (9CI) see: AT3500000

2-PROPENOIC ACID,3-(5-NITRO-2-FURANYL)- (9CI) see: IT8566000

UD3642500 2-PROPENOIC ACID, 3-(5-NITRO-2-FURANYL)-, SODIUM SALT

UPDT:8406 CAS: 38665-24-6 MW: 206.12 MOLFM: C7-H5-N-O5 Na

SYN: SODIUM 5-NITROFURYLACRYLATE * SODIUM 5-NITRO-2-FURYLACRYLATE

MUTATION DATA AND REFERENCES:

mmo-sat 9700 ng/L CHABA8 93,108591c,80

2-PROPENOIC ACID, (OCTAHYDRO-2H-QUINOLIZIN-1-YL)METHYL ESTER, (1R-trans)- see: OK5804000

2-PROPENOIC ACID, OXIRANYLMETHYL ESTER (9CI) see: AS9275000

2-PROPENOIC ACID, OXYDI-2,1-ETHANEDIYL ESTER (9CI) see: AS9450000

2-PROPENOIC ACID, 3-PHENYL- see: GD7800000

2-PROPENOIC ACID, 3-PHENYL-, BUTYL ESTER see: GD8425000

2-PROPENOIC ACID, 3-PHENYL-, 1,5-DIMETHYL-1-VINYL-4-HEXEN-1-YL ESTER see: GD9700000

2-PROPENOIC ACID, 3-PHENYL-, 1-ETHENYL-1,5-DIMETHYL-4-HEXENYL ESTER (9CI) see: GD9700000

2-PROPENOIC ACID, 3-PHENYL-, METHYL ESTER (9CI) see: GE0190000

2-PROPENOIC ACID, 3-PHENYL-, 2-METHYLPROPYL ESTER (9CI) see: GD9550000

2-PROPENOIC ACID, 3-PHENYL-, 2-PHENYLETHYL ESTER see: GE0405000

2-PROPENOIC ACID, 3-PHENYL-, PHENYLMETHYL ESTER (9CI) see: GD8400000

2-PROPENOIC ACID, 3-PHENYL-, 3-PHENYL-2-PROPENYL ESTER (9CI) see: GD8562000

2-PROPENOIC ACID, 3-PHENYL-, 2-PROPENYL ESTER (9CI) see: GD8950000

UD3670500 2-PROPENOIC ACID, 2-(((2-PROPENYLOXY)CARBONYL)OXY)-, 2-PROPENYL ESTER

UPDT:8404 CAS: 72782-44-6 MW: 212.22 MOLFM: C10-H12-O5

SYN: ALLYL alpha-ALLYLOXYCARBONYLOXYACRYLATE * 2-(((2-PROPENYLOXY)CARBONYL)OXY)-2-PROPENOIC ACID 2-PROPENYL ESTER

TOXICITY DATA AND REFERENCES:

3F07J25K30 orl-rat LD50:390 mg/kg GTPZAB 25(12),44,81

3F07J25K30 orl-mus LD50:309 mg/kg GTPZAB 25(12),44,81

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-PROPENOIC ACID, 3a,4,7,7a-TETRAHYDRO-4,7-METHANO-1H-INDENYL ESTER see: AT4755000

2-PROPENOIC ACID, 2,2,3,3,4,4,5,5,6,6,7,7,7-TRIDECAFLUOROHEPTYL ESTER (9CI) see: AT4790000

PROPENOL see: BA5075000

PROPEN-1-OL-3 see: BA5075000

1-PROPENOL-3 see: BA5075000

1-PROPEN-3-OL see: BA5075000

2-PROPEN-1-OL see: BA5075000

UD4200000 1-PROPEN-2-OL, ACETATE

UPDT:8405 CAS: 108-22-5 MW: 100.13 MOLFM: C5-H8-O2

SYN: ISOPROPENYL ACETATE * ISOPROPENYL ACETATE (DOT) * METHYLVINYL ACETATE * 1-PROPEN-2-YL ACETATE * UN 2403 (DOT)

IRRITATION DATA AND REFERENCES:

eye-rbt 500 mg AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:

orl-rat LD50:3000 mg/kg JIHTAB 31,60,49

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UD4230000 1-PROPEN-1-OL, 3-(1,3-BENZODIOXOL-5-YL)-, ACETATE

UPDT:8401 CAS: 42461-90-5 MW: 220.24 MOLFM: C12-H12-O4

SYN: ACETIC ACID, 1,3-BENZODIOXOL-5-YL ALLYL ESTER * 3'-ACETOXY-SAFROLE

MUTATION DATA AND REFERENCES:

dns-hmn:fbr 10 mmol/L/5H IJCNAW 16,284,75

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

PROPENOL, 1-METHYL see: EM9275050

UD5250000 2-PROPEN-1-OL, 2-METHYL-

UPDT:8312 CAS: 513-42-8 MW: 72.12 MOLFM: C4-H8-O

SYN: ISOPROPENYL CARBINOL * METHALLYL ALCOHOL * METHALLYL ALCOHOL (DOT) * UN 2614 (DOT)

TOXICITY DATA AND REFERENCES:

orl-mus LDLo:500 mg/kg SCCUR* -,6,61

ihl-mus LCLo:2924 ppm/2H SCCUR* -,6,61

skn-rbt LDLo:2000 mg/kg SCCUR* -,6,61

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

2-PROPEN-1-OL, 2-METHYL-3-PHENYL- (8CI,9CI) see: GE2340000

2-PROPEN-1-OL, 3-PHENYL- see: GE2200000

2-PROPEN-1-OL, 3-PHENYL-, ACETATE (9CI) see: GE2275000

UD5520000 2-PROPEN-1-OL, 3-PHENYL-, BENZOATE

UPDT:8305 CAS: 5320-75-2 MW: 238.30 MOLFM: C16-H14-O2

SYN: BENZOIC ACID, CINNAMYL ESTER * CINNAMYL ALCOHOL, BENZOATE * CINNAMYL BENZOATE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD FCTXAV 14,717,76

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:4 gm/kg FCTXAV 14,717,76

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UD5530000 2-PROPEN-1-OL, 3-PHENYL-, FORMATE

UPDT:8305 CAS: 104-65-4 MW: 162.20 MOLFM: C10-H10-O2

SYN: CINNAMYL ALCOHOL, FORMATE * CINNAMYL FORMATE * CINNAMYL METHANOATE * FORMIC ACID, CINNAMYL ESTER * 3-PHENYL-2-PROPEN-1-YL FORMATE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2900 mg/kg FCTXAV 14,719,76

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

2-PROPEN-1-OL, 3-PHENYL-, PROPANOATE (9CI) see: GE2360000

2-PROPEN-1-ONE see: AS1050000

2-PROPEN-1-ONE, 1-(2,4-DIHYDROXYPHENYL)-3-(4-HYDROXYPHENYL)-, (E)- see: FL7080000

UD5579100 2-PROPEN-1-ONE, 1-(2-HYDROXY-4-METHOXY-3-(3-METHYL-2-BUTENYL)PHENYL)-3-PHENYL-, (E)-

UPDT:8308 CAS: 38965-77-4 MW: 322.43 MOLFM: C21-H22-O3

SYN: ACRYLOPHENONE, 2'-HYDROXY-4'-METHOXY-3'-(3-METHYL-2-BUTENYL)-3-PHENYL-, (E)- * DERRICIN * trans-1-(2-HYDROXY-4-METHOXY-3-(3-METHYL-2-BUTENYL)PHENYL)-3-PHENYL-2-PROPEN-1-ONE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:275 mg/kg 85GDA2 8(1),295,82

UD5579200 2-PROPEN-1-ONE, 1-(2-HYDROXY-4-((3-METHYL-2-BUTENYL)OXY)PHENYL)-3-PHENYL-, (E)-

UPDT:8308 CAS: 38965-74-1 MW: 308.40 MOLFM: C20-H20-O3

SYN: CORDOIN * DERRICIDIN * trans-1-(2-HYDROXY-4-((3-METHYL-2-BUTENYL)OXY)PHENYL-3-PHENYL-2-PROPEN-1-ONE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:275 mg/kg 85GDA2 8(1),294,82

4-p-PROPENONE-OXY-PHENYLARSONIC ACID see: CY5425000

2-PROPENOPHENONE see: OB6410000

PROPENOYL CHLORIDE see: AT7350000

2-PROPENOYL CHLORIDE (9CI) see: AT7350000

2-PROPENOYL CHLORIDE, 2-METHYL- (9CI) see: OZ3791000 METHACRYLOYL CHLORIDE

2-PROPENOYL CHLORIDE, 2,3,4-TRICHLORO- (9CI) see: AT7785000

PROPENYL see: SI1750000

1-PROPEN-2-YL ACETATE see: UD4200000

2-PROPENYLACRYLIC ACID see: WG2100000

PROPENYL ALCOHOL see: BA5075000

2-PROPENYL ALCOHOL see: BA5075000

p-PROPENYL ANISOLE see: BZ8925000

trans-p-PROPENYLANISOLE see: BZ9275000

p-1-PROPENYLANISOLE see: BZ8925000

4-PROPENYLANISOLE see: BZ8725000

PROPENYL BENZENE see: DA8400000

(E)-1-PROPENYLBENZENE see: WL5075400

trans-1-PROPENYLBENZENE see: WL5075400

5-(1-PROPENYL)-1,3-BENZODIOXOLE see: DA5950000

5-(2-PROPENYL)-1,3-BENZODIOXOLE see: CY2800000

2-PROPENYLCARBAMIC ACID 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER HYDROCHLORIDE see: FD0834600

4-PROPENYLCATECHOL METHYLENE ETHER see: DA5950000

PROPENYL CHLORIDE see: UC7175000

PROPENYL CINNAMATE see: GD8050000

(E)-5-(1-PROPENYL)-2'-DEOXYURIDINE see: YU7930000

17-(2-PROPENYL)ESTR-4-EN-17-OL see: KG7960000

PROPENYL ETHER see: KN7525000

4-PROPENYLGUAIACOL see: SL7875000

2-PROPENYL HEPTANOATE see: MJ1750000

2-PROPENYL n-HEXANOATE see: MO6125000

2-PROPENYL ISOTHIOCYANATE see: NX8225000

4-(2-PROPENYL)-2-METHOXYPHENYL FORMATE see: SJ4551000

4-PROPENYL-1,2-METHYLENEDIOXYBENZENE see: DA5950000

2-(((2-PROPENYLOXY)CARBONYL)OXY)-2-PROPENOIC ACID 2-PROPENYL ESTER see: UD3670500

2-PROPENYLPHENOL see: SM8575000

2-(1-PROPENYL)PHENOL see: SM8575000

2-PROPENYL PHENYLACETATE see: AJ2450000

p-PROPENYLPHENYL METHYL ETHER see: BZ8925000

(2-PROPENYL)THIOUREA see: YR8050000

2-PROPENYL 3,5,5-TRIMETHYLHEXANOATE see: MO8444000

N-2-PROPENYLUREA see: YR7875000

4-PROPENYL VERATROLE see: CZ7000000

PROPERIDOL see: DE2100000

PROPETAMPHOS see: GQ4750000

PROPHAM see: FD9100000

PROPHAME see: FD9100000

PROPHENAMINE see: SO4900000

PROPHENAMINUM see: SO4900000

PROPHENATIN see: AG6330000

PROPHENOXAMINE see: DP4900000

PROPHENPYRIDAMINE MALEATE see: UT0175000

PROPHOS see: TE4025000

PROPICONAZOLE see: XZ4620000

PROPIDIUM DIIODIDE see: SF7949600

PROPIDIUM IODIDE see: SF7949600

PROPILTHIOURACIL see: YR1400000

6-PROPIL-TIOURACILE (Italian) see: YR1400000

PROPINAN DI-n-BUTYLCINICITY (Czech) see: WH7135000

PROPINE see: UK4250000

PROPINEB see: ZH4950000

PROPINEBE see: ZH4950000

PROPIOALDEHYDE see: UD9275500

gamma-PROPIOBUTYROLACTONE see: LU3697000

PROPIOCINE see: KF4375000

PROPIODONE see: UR8925000

PROPIOKAN see: XA3115000

PROPIOLACTONE see: RQ7350000

beta-PROPIOLACTONE see: RQ7350000

1,3-PROPIOLACTONE see: RQ7350000

3-PROPIOLACTONE see: RQ7350000

UD9275500 PROPIOLALDEHYE

UPDT:8401 CAS: 624-67-9 MW: 54.05 MOLFM: C3-H2-O

SYN: PROPARGYLALDEHYDE * PROPIOALDEHYDE * 2-PROPYNAL (9CI) * PROPYNAL

MUTATION DATA AND REFERENCES:

mmo-sat 1 umol/plate PAACA3 24,91,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UE0110000 PROPIOLIC ACID, PHENYL-, ETHYL ESTER

UPDT:8312 CAS: 2216-94-6 MW: 174.21 MOLFM: C11-H10-O2

SYN: ETHYL PHENYLACETYLENECARBOXYLATE * ETHYL PHENYLPROPIOLATE * ETHYL 3-PHENYLPROPIOLATE * ETHYL PHENYLPROPYNOATE * ETHYL 3-PHENYLPROPYNOATE * 2-PROPYNOIC ACID, 3-PHENYL-, ETHYL ESTER (9CI)

MUTATION DATA AND REFERENCES:

dns-mus-skn 800 umol/kg CNREA8 43,4126,83

dni-mus-skn 800 umol/kg CNREA8 43,4126,83

PROPIOLIC ACID, TRIPHENYLSTANNYL ESTER see: WH6702000

UE0200000 PROPIOLONITRILE

UPDT:8408 CAS: 1070-71-9 MW: 51.05 MOLFM: C3-H-N

SYN: CYANAETHYLENE (French) * CYANOACETYLENE * CYANOETHYNE * PROPYNENITRILE * 2-PROPYNENITRILE (9CI)

TOXICITY DATA AND REFERENCES:

3F12J22J26 ivn-rbt LDLo:15 mg/kg COREAF 152,1707,11

3F12J22J26 scu-gpg LDLo:48 mg/kg COREAF 152,1707,11

PROPIOMAZINE MALEATE see: UC1935000

UE0350000 PROPIONALDEHYDE

UPDT:8412 CAS: 123-38-6 MW: 58.09 MOLFM: C3-H6-O

SYN: ALDEHYDE PROPIONIQUE (French) * METHYLACETALDEHYDE * NCI-C61029 * PROPALDEHYDE * PROPANAL * PROPIONALDEHYDE (DOT) * PROPIONIC ALDEHYDE * PROPYL ALDEHYDE * PROPYLIC ALDEHYDE * UN 1275 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg open MLD UCDS** 4/25/58

eye-rbt 41 mg SEV UCDS** 4/25/58

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1410 mg/kg AMIHBC 4,119,51

ihl-rat LCLo:8000 ppm/4H AMIHBC 4,119,51

2F01F12 scu-rat LD50:820 mg/kg APTOA6 6,299,50

orl-mus LDLo:800 mg/kg KODAK* 21MAY71

* ihl-mus LC50:21800 mg/m3/2H 85GMAT -,102,82

2F01F12 scu-mus LD50:680 mg/kg APTOA6 6,299,50

* skn-rbt LD50:5040 mg/kg AMIHBC 4,119,51

* ihl-mam LC50:21800 mg/m3 GTPZAB 12(7),16,68

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

PROPIONALDEHYDE, beta-(4-tert-BUTYLPHENYL)-alpha-METHYL- see: MW4895000

UE0370000 PROPIONALDEHYDE, 2-CHLORO-

UPDT:8401 CAS: 683-50-1 MW: 92.53 MOLFM: C3-H5-Cl-O

SYN: alpha-CHLOROPROPANAL * 2-CHLOROPROPANAL * 3-CHLOROPROPANAL * alpha-CHLOROPROPIONALDEHYDE * 2-CHLOROPROPIONALDEHYDE * alpha-CHLOROPROPYLALDEHYDE * PROPANAL, 2-CHLORO- (9CI)

TUMORIGENIC DATA AND REFERENCES:

2V02K60 orl-mus TDLo:3560 mg/kg/89W-I JJIND8 63,1433,79

2V02V10 scu-mus TDLo:3560 mg/kg/89W-I JJIND8 63,1433,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE0400000 PROPIONALDEHYDE, 3-(2-CHLOROETHOXY)-, BIS(2-CHLOROETHYL) ACETAL

UPDT:8303 CAS: 688-78-8 MW: 279.61 MOLFM: C9-H17-Cl3-O3

SYN: PROPANE, 1,1,3-TRIS(2-CHLOROETHOXY)- * 1,1,3-TRI(2-CHLOROETHOXY)PROPANE * 1,1,3-TRIS(2-CHLOROETHOXY)PROPANE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:71 mg/kg AIHAAP 23,95,62

skn-rbt LD50:6300 mg/kg AIHAAP 23,95,62

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE0630000 PROPIONALDEHYDE, 2-CHLORO-3-ETHOXY-, DIETHYL ACETAL

UPDT:8407 CAS: 10140-99-5 MW: 210.73 MOLFM: C9-H19-Cl-O3

SYN: 2-CHLORO-1,1,3-TRIETHOXY PROPANE

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51

eye-rbt 100 mg open AMIHBC 4,119,51

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1320 mg/kg AMIHBC 4,119,51

ihl-rat LCLo:2000 ppm/4H JIHTAB 31,343,49

* skn-rbt LD50:8 gm/kg AMIHBC 4,119,51

UE0875000 PROPIONALDEHYDE, 2,3-DICHLORO-

UPDT:8407 CAS: 10140-89-3 MW: 126.97 MOLFM: C3-H4-Cl2-O

SYN: alpha,beta-DICHLOROPROPIONALDEHYDE * 2,3-DICHLOROPROPIONALDEHYDE

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open SEV AMIHBC 4,119,51

eye-rbt 50 ug open SEV AMIHBC 4,119,51
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 78,113,80
mmo-sat 1 nmol/plate MUREAV 78,113,80
TOXICITY DATA AND REFERENCES:
orl-rat LD50:160 mg/kg AMIHBC 4,119,51
ihl-rat LCLo:16 ppm/4H AMIHBC 4,119,51
skn-rbt LD50:78 mg/kg AMIHBC 4,119,51
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE1050000 PROPIONALDEHYDE, 2,3-DICHLORO-2-METHYL-
UPDT:8303 CAS: 10141-22-7 MW: 141.00 MOLFM: C4-H6-Cl2-O
SYN: 2,3-DICHLORO-2-METHYLPROPIONALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1620 mg/kg AIHAAP 23,95,62
* ihl-rat LCLo:250 ppm/4H AIHAAP 23,95,62
1R10 skn-rbt LD50:360 mg/kg AIHAAP 23,95,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE1225000 PROPIONALDEHYDE, DICROTYL ACETAL
UPDT:8307 CAS: 5749-78-0 MW: 184.31 MOLFM: C11-H20-O2
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2140 mg/kg AIHAAP 30,470,69
ihl-rat LCLo:2000 ppm/4H AIHAAP 30,470,69
skn-rbt LD50:3540 mg/kg AIHAAP 30,470,69

PROPIONALDEHYDE (DOT) see: UE0350000
PROPIONALDEHYDE, 2,3-EPOXY- see: MB3150000

UE1575000 PROPIONALDEHYDE, ETHOXY-
UPDT:8407 CAS: 63918-98-9 MW: 102.15 MOLFM: C5-H10-O2
SYN: ETHOXY PROPIONALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 30,63,48
eye-rbt 2 mg open SEV JIHTAB 30,63,48
TOXICITY DATA AND REFERENCES:
orl-rat LD50:900 mg/kg JIHTAB 30,63,48
ihl-rat LCLo:500 ppm/4H JIHTAB 30,63,48
* orl-mus LD50:140 mg/kg ARZNAD 15,841,65
skn-rbt LD50:1000 mg/kg JIHTAB 30,63,48
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE1780000 PROPIONALDEHYDE, 3-(para-ISOPROPYLBENZYL)-, DIMETHYL ACETAL
UPDT:8305 MW: 236.39 MOLFM: C15-H24-O2
SYN: CYCLAMEN ALDEHYDE DIMETHYL ACETAL * alpha-METHYL-para-ISOPROPYLHYDROCINNAMIC ALDEHYDE DIMETHYL ACETAL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),659,82

PROPIONALDEHYDE, 2-KETO see: UZ0700000
PROPIONALDEHYDE, 2-METHYL- see: NQ4025000

UE2080000 PROPIONALDEHYDE, 2-METHYL-2-(METHYLSULFONYL)-, O-(METHYLCARBAMOYL)OXIME
UPDT:8309 CAS: 1646-88-4 MW: 222.29 MOLFM: C7-H14-N2-O4-S
SYN: ALDICARB SULFONE * ALDOXYCARB * ENT AI3-29261 * ENT 4.9 * 2-METHYL-2-(METHYLSULFONYL)PROPANAL O-((METHYLAMINO)CARBONYL)OXIME * 2-METHYL-2-(METHYLSULFONYL)PROPIONALDEHYDE O-(METHYLCARBAMOYL)OXIME * STANDAK * UC 21865
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:26800 ug/kg FMCHA2 -,C220,83
skn-rat LD50:1000 mg/kg SPEADM 78-1,61,78
skn-rbt LD50:1000 mg/kg SPEADM 78-1,61,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE2275000 PROPIONALDEHYDE, 2-METHYL-2-(METHYLTHIO)-, O-(METHYLCARBAMOYL)OXIME
UPDT:8412 CAS: 116-06-3 MW: 190.29 MOLFM: C7-H14-N2-O2-S
SYN: ALDECARB * ALDICARB * ALDICARBE (French) * AMBUSH * CARBAMIC ACID, METHYL-, O-((2-METHYL-2-(METHYLTHIO)PROPYLIDENE)AMINO) deriv. * CARBANOLATE * ENT 27,093 * 2-METHYL-2-(METHYLTHIO)PROPANAL, O-((METHYLAMINO)CARBONYL)OXIME * 2-METHYL-2-(METHYLTHIO)PROPIONALDEHYDE O-(METHYLCARBAMOYL)OXIME * 2-METHYL-2-METHYLTHIO-PROPIONALDEHYD-O-(N-METHYL-CARBAMOYL)-OXIM (German) * 2-METIL-2-TIOMETIL-PROPIONALDEID-O-(N-METIL-CARBAMOIL)-OSSIMA (Italian) * NCI-C08640 * OMS-771 * PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-((METHYLAMINO)CARBONYL))OXIME * RCRA WASTE NUMBER P070 * TEMIC * TEMIK * TEMIK G10 * TEMIK 10 G * UC 21149 * UNION CARBIDE 21149 * UNION CARBIDE UC 21149
MUTATION DATA AND REFERENCES:
oth-rat:emb 117 ug/plate JJATDK 1,190,81
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:600 ug/kg TXAPA9 14,515,69
skn-rat LD50:2500 ug/kg TXAPA9 14,515,69
scu-rat LDLo:666 ug/kg TXAPA9 25,569,73
unk-rat LD50:930 ug/kg 30ZDA9 -,197,71
orl-mus LD50:300 ug/kg JAFCAU 18,793,70
skn-rbt LD50:1400 mg/kg GUCHAZ 6,4,73
skn-gpg LD50:2400 mg/kg 85DPAN -,-,71/76
orl-dck LD50:3400 ug/kg TXAPA9 47,451,79
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85ALAU -,106,77
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE,RAT (NCITR* NCI-CG-TR-136,79)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE2280000 PROPIONALDEHYDE, 2-METHYL-2-(METHYLTHIO)-, O-((METHYLNITROSO)CARBAMOYL) OXIME
UPDT:8401 CAS: 57644-85-6 MW: 219.29 MOLFM: C7-H13-N3-O3-S
SYN: NITROSOALDICARB * PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-((METHYLNITROSOAMINO)CARBONYL)OXIME (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 1 uL/plate MUREAV 48,225,77
mmo-esc 100 umol/L IARCCD 14,425,75
dnd-hmn:fbr 10 umol/L MUREAV 44,1,77
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:40 mg/kg/2W-I EE:ADV 2,413,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE2285000 PROPIONALDEHYDE, 3-(METHYLTHIO)-
CAS: 3268-49-3 MW: 104.18 MOLFM: C4-H8-O-S
SYN: METHIONAL * beta-(METHYLMERCAPTO)PROPIONALDEHYDE * 3-(METHYLMERCAPTO)PROPIONALDEHYDE * 3-(METHYLTHIO)PROPANAL * beta-(METHYLTHIO)PROPIONALDEHYDE * 3-(METHYLTHIO)PROPIONALDEHYDE * PROPANAL, 3-(METHYLTHIO)- (9CI) * 4-THIAPENTANAL (DOT) * UN 2785 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS, FLAMMABLE LIQUID CFRGBR 49,172,102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UE2287500 PROPIONALDEHYDE, 3,3'-(NONAMETHYLENEDIIMINO)DI-, DIHYDROCHLORIDE
UPDT:8306 CAS: 38770-23-9 MW: 343.39 MOLFM: C15-H30-N2-O2 2Cl-H
SYN: 4,14-DIAZAHEPTADECANEDIALDEHYDE DIHYDROCHLORIDE * 3,3'-(NONAMETHYLENEDIIMINO)DIPROPIONALDEHYDE DIHYDROCHLORIDE * PROPANAL, 3,3'-(1,9-DECANEDIYLDIIMINO)BIS-, DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1A11 ipr-mus LDLo:10 mg/kg JMCMAR 16,1,73

PROPIONALDEHYDE, 2-OXO- see: UZ0700000
PROPIONALDEHYDE, 2-PHENYL- see: CY1460000

UE2600000 PROPIONALDEHYDE, 3,3'-(TETRAMETHYLENEDIIMINO)DI-, DIHYDROCHLORIDE
UPDT:8306 CAS: 38770-24-0 MW: 273.24 MOLFM: C10-H20-N2-O2 2Cl-H
SYN: 4,9-DIAZADODECANEDIALDEHYDE DIHYDROCHLORIDE * PROPANAL, 3,3'-(1,4-BUTANEDIYLDIIMINO)BIS-, DIHYDROCHLORIDE * 3,3'-(TETRAMETHYLENEDIIMINO)DIPROPIONALDEHYDE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1A11 ipr-mus LDLo:40 mg/kg JMCMAR 16,1,73

UE2700000 PROPIONALDEHYDE, 2-(p-TOLYL)-
UPDT:8305 CAS: 99-72-9 MW: 148.22 MOLFM: C10-H12-O
SYN: p-METHYL HYDROTROPALDEHYDE * 2-(p-METHYLPHENYL)PROPIONALDEHYDE * 2-(p-TOLYL)PROPIONIC ALDEHYDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3500 mg/kg FCTXAV 14,607,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UE2800000 PROPIONALDEHYDE, 2,2,3-TRICHLORO-
UPDT:8303 CAS: 7789-90-4 MW: 161.41 MOLFM: C3-H3-Cl3-O
SYN: 2,2,3-TRICHLOROPROPIONALDEHYDE
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 78,113,80
mmo-sat 1 nmol/plate MUREAV 78,113,80
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:240 mg/kg AIHAAP 23,95,62
1R10 skn-rbt LD50:710 mg/kg AIHAAP 23,95,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE3000000 PROPIONAMIDE, 2-(4-ALLYL-2-METHOXYPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)-2-METHYL-
UPDT:8303 MW: 347.53 MOLFM: C20-H31-N2-O3
SYN: 2-(4-ALLYL-2-METHOXYPHENOXY)-N-(2-(DIETHYLAMINO)ETHYL)-2-METHYL-PROPIONAMIDE * SCH 1502
TOXICITY DATA AND REFERENCES:
2F17J26 ipr-mus LD50:250 mg/kg BCFAAI 102,173,63

UE3010000 PROPIONAMIDE, 2-(4-ALLYL-2-METHOXYPHENOXY)-N-(3-(DIETHYLAMINO)PROPYL)-2-METHYL-
UPDT:8303 MW: 361.56 MOLFM: C21-H33-N2-O3
SYN: 2-(4-ALLYL-2-METHOXYPHENOXY)-N-(3-(DIETHYLAMINO)PROPYL)-2-METHYL-PROPIONAMIDE * SCH 1503
TOXICITY DATA AND REFERENCES:
2F17J26 ipr-mus LD50:250 mg/kg BCFAAI 102,173,63

UE3020000 PROPIONAMIDE, 2-(4-ALLYL-2-METHOXYPHENOXY)-N-(2-(DIMETHYLAMINO)ETHYL)-2-METHYL-
UPDT:8303 MW: 319.47 MOLFM: C18-H27-N2-O3
SYN: 2-(4-ALLYL-2-METHOXYPHENOXY)-N-(2-(DIMETHYLAMINO)ETHYL)-2-METHYL-PROPIONAMIDE * SCH 1505
TOXICITY DATA AND REFERENCES:
2F17J26 ipr-mus LD50:250 mg/kg BCFAAI 102,173,63

UE3023000 PROPIONAMIDE, 2-(4-ALLYL-2-METHOXYPHENOXY)-N-(3-(DIMETHYLAMINO)PROPYL)-2-METHYL-
UPDT:8303 MW: 333.50 MOLFM: C19-H29-N2-O3
SYN: 2-(4-ALLYL-2-METHOXYPHENOXY)-N-(3-(DIMETHYLAMINO)PROPYL)-2-METHYL-PROPIONAMIDE * SCH 1504
TOXICITY DATA AND REFERENCES:
2F17J26 ipr-mus LD50:250 mg/kg BCFAAI 102,173,63

UE3025000 PROPIONAMIDE, 3-(ALLYL-(TETRAHYDRONAPHTHYL)AMINO)-N,N-DIETHYL-, HYDROCHLORIDE
UPDT:8401 MW: 350.98 MOLFM: C20-H30-N2-O Cl-H
SYN: 3-(ALLYL-(TETRAHYDRONAPHTHYL)AMINO)-N,N-DIETHYL-PROPIONAMIDE * N-d,l-ac-TETRAHYDRO-beta-NAPHTHYL-N-ALLYL-beta-ALANINDIAETHYLAMID-HYDROCHLORID (German) * VO 07
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:127 mg/kg AIPTAK 128,500,60
3F43H06U25 scu-rat LD50:44500 ug/kg AIPTAK 128,500,60
3F43H06U25 ivn-rat LD50:18900 ug/kg AIPTAK 128,500,60
* orl-mus LD50:210 mg/kg AIPTAK 128,500,60
3F43H06U25 ipr-mus LD50:118 mg/kg AIPTAK 128,500,60
3F43H06U25 ivn-mus LD50:23500 ug/kg AIPTAK 128,500,60
3F43H06U25 ivn-rbt LD50:1900 ug/kg AIPTAK 128,500,60
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE3090300 PROPIONAMIDE, N-ANTIPYRINYL-2-(DIMETHYLAMINO)-
UPDT:8411 CAS: 3690-04-8 MW: 302.42 MOLFM: C16-H22-N4-O2
SYN: AMINOPROPYLON * AMINOPROPYLONE * N-ANTIPYRINYL-2-(DIMETHYLAMINO)PROPIONAMIDE * MIPYLO * 4-(2-(DIMETHYLAMINO)PROPIONAMIDO)ANTIPYRINE * PROPANAMIDE, N-(2,3-DIHYDRO-1,5-DIMETHYL-3-OXO-2-PHENYL-1H-PYRAZOL-4-YL)-2-(DIMETHYLAMINO)-
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:2950 mg/kg OYYAA2 13,109,77
1F29 ipr-mus LD50:820 mg/kg OYYAA2 13,109,77
1F29 ims-mus LD50:2120 mg/kg OYYAA2 13,109,77

UE3150000 PROPIONAMIDE, N-BENZYL-3-CHLORO-
UPDT:8403 CAS: 501-68-8 MW: 197.68 MOLFM: C10-H12-Cl-N-O
SYN: BECLAMID * BECLAMIDE * BEKLAMID * BENZCHLORPROPAMID * BENZCHLORPROPAMIDE * BENZOCHLORPROPAMID * BENZYLAMIDE * N-BENZYL-beta-CHLOROPROPANAMIDE * N-BENZYL-beta-CHLOROPROPIONAMIDE * N-BENZYL-3-CHLOROPROPIONAMIDE * CHLORACON * CHLORAKON * CHLOROETHYLPHENAMIDE * 3-CHLORO-N-(PHENYLMETHYL)PROPANAMIDE * N-(3-CHLOROPROPIONYL)BENZYLAMINE * HIBICON * KHLORAKON * NEURACEN * NIDRANE * NYDRAN * NYDRANE * POSEDRAN * POSEDRINE * SECLAR
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3200 mg/kg JPETAB 107,403,53
ipr-rat LD50:770 mg/kg JPETAB 107,403,53
ivn-rat LD50:770 mg/kg 27ZQAG -,384,72
1F02 orl-mus LD50:1000 mg/kg PCJOAU 14,99,80
ipr-mus LD50:650 mg/kg 27ZQAG -,384,72

PROPIONAMIDE, 3-BROMO-N-(2-CHLOROMERCURICYCLOHEXYL)- see: OV9400000

UE3175500 PROPIONAMIDE, N-(4-(2-BUTOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-2-(DIETHYLAMINO)-
UPDT:8408 MW: 325.51 MOLFM: C17-H31-N3-O3
SYN: N-(4-(2-BUTOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-2-(DIETHYLAMINO)PROPIONAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg YKKZAJ 82,481,62

UE3175600 PROPIONAMIDE, N-(4-(2-BUTOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-2-(DIMETHYLAMINO)-

UPDT 8408 MW: 297.45 MOLFM: C15-H27-N3-O3

SYN: N-(4-(2-BUTOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-2-(DIMETHYLAMINO)PROPIONAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:250 mg/kg YKKZAJ 82,481,62

UE3176000 PROPIONAMIDE, N-BUTYL-2-(7-CHLORO-4-QUINOLYLAMINO)-

UPDT 8303 MW: 291.81 MOLFM: C15-H18-Cl-N3-O

SYN: N-BUTYL-2-(7-CHLORO-4-QUINOLYLAMINO)PROPIONAMIDE

TOXICITY DATA AND REFERENCES:

2F25U26 orl-mus LD50:1622 mg/kg BCFAAI 120,308,81

UE3240000 PROPIONAMIDE, N-(2-(6-CHLORO-5-METHOXY-3-INDOLYL)ETHYL)-

UPDT 8401 CAS: 63762-75-4 MW: 280.78 MOLFM: C14-H17-Cl-N2-O2

SYN: N-(2-(6-CHLORO-5-METHOXY-3-INDOLYL)ETHYL)PROPIONAMIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 orl-rat TDLo:15 mg/kg (1D pre) JMCMAR 22,63,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE3300000 PROPIONAMIDE, 3-(7-CHLORO-4-QUINOLYLAMINO)-N,N-DIMETHYL-

UPDT 8303 MW: 277.78 MOLFM: C14-H16-Cl-N3-O

SYN: 3-(7-CHLORO-4-QUINOLYLAMINO)-N,N-DIMETHYLPROPIONAMIDE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:204 mg/kg BCFAAI 120,308,81

UE3330000 PROPIONAMIDE, N-(alpha-CYANOBENZYL)-2-(DIETHYLAMINO)-

UPDT 8412 MW: 246.37 MOLFM: C14-H20-N3-O

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:240 mg/kg YKKZAJ 76,1175,56

UE3340000 PROPIONAMIDE, N-(alpha-CYANOBENZYL)-2-(DIMETHYLAMINO)-

UPDT 8412 MW: 231.33 MOLFM: C13-H17-N3-O

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:430 mg/kg YKKZAJ 76,1175,56

UE3569000 PROPIONAMIDE, 2-(DIETHYLAMINO)-N-(3,4-DIMETHYL-5-ISOXAZOLYL)-, PICRATE

UPDT 8412 MW: 468.48 MOLFM: C12-H21-N3-O2 C6-H3-N3-O7

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:450 mg/kg YKKZAJ 82,474,62

UE3569500 PROPIONAMIDE, 2-(DIMETHYLAMINO)-N-(3,4-DIMETHYL-5-ISOXAZOLYL)-, PICRATE

UPDT 8412 MW: 440.42 MOLFM: C10-H17-N3-O2 C6-H3-N3-O7

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:620 mg/kg YKKZAJ 82,474,62

UE3570500 PROPIONAMIDE, 2-(DIETHYLAMINO)-N-(4-(2-ETHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-

UPDT 8408 MW: 297.45 MOLFM: C15-H27-N3-O3

SYN: 2-(DIETHYLAMINO)-N-(4-(2-ETHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)PROPIONAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:450 mg/kg YKKZAJ 82,481,62

UE3571400 PROPIONAMIDE, N-(2-(DIETHYLAMINO)ETHYL)-3-PHENYL-

UPDT 8306 CAS: 51816-18-3 MW: 248.41 MOLFM: C15-H24-N2-O

SYN: BENZENEPROPANAMIDE, N-(2-(DIETHYLAMINO)ETHYL)- * N-(2-(DIETHYLAMINO)ETHYL)-3-PHENYLPROPIONAMIDE * GC 77

TOXICITY DATA AND REFERENCES:

1F12 ipr-mus LDLo:200 mg/kg APFRAD 35,135,77

UE3571500 PROPIONAMIDE, 2-(DIETHYLAMINO)-N-(4-(2-METHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-

UPDT 8408 MW: 283.42 MOLFM: C14-H25-N3-O3

SYN: 2-(DIETHYLAMINO)-N-(4-(2-METHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)PROPIONAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:500 mg/kg YKKZAJ 82,481,62

UE3571600 PROPIONAMIDE, 2-(DIETHYLAMINO)-N-(3-METHYL-5-ISOTHIAZOLYL)-

UPDT 8408 MW: 241.39 MOLFM: C11-H19-N3-O-S

SYN: 2-(DIETHYLAMINO)-N-(3-METHYL-5-ISOTHIAZOLYL)PROPIONAMIDE

TOXICITY DATA AND REFERENCES:

1F29 ipr-mus LD50:435 mg/kg YKKZAJ 83,195,63

UE3571700 PROPIONAMIDE, 2-(DIETHYLAMINO)-N-(3-METHYL-5-ISOXAZOLYL)-

UPDT 8408 MW: 225.33 MOLFM: C11-H19-N3-O2

SYN: 2-(DIETHYLAMINO)-N-(3-METHYL-5-ISOXAZOLYL)PROPIONAMIDE

TOXICITY DATA AND REFERENCES:

1F29 ipr-mus LD50:356 mg/kg YKKZAJ 83,198,63

UE3600000 PROPIONAMIDE, N,N-DIETHYL-2-(1-NAPHTHYLOXY)-

UPDT 8403 CAS: 15299-99-7 MW: 255.39 MOLFM: C17-H21-N-O

SYN: DEVRINOL * N,N-DIETHYL-2-(1-NAPHTHALENYLOXY)PROPIONAMIDE * N,N-DIETHYL-2-(1-NAPHTHYLOXY)PROPIONAMIDE * 2-(alpha-NAPHTHOXY)-N,N-DIAETHYL PROPIONSAEUREAMID (German) * 2-(alpha-NAPHTHOXY)-N,N-DIETHYLPROPIONAMIDE * NAPROPAMIDE * R-7465 * R 7475

TOXICITY DATA AND REFERENCES:

orl-rat LD50:5000 mg/kg 85ARAE 2,59,77

* skn-rbt LD50:4640 mg/kg PESTC* 8,22,80

UE3850000 PROPIONAMIDE, 3-DIMETHYLAMINO-N,N-DIMETHYL-

UPDT 8307 CAS: 17268-47-2 MW: 144.25 MOLFM: C7-H16-N2-O

SYN: 3-DIMETHYLAMINO-N,N-DIMETHYLPROPIONAMIDE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:3080 mg/kg TXAPA9 28,313,74

* skn-rbt LD50:790 mg/kg TXAPA9 28,313,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE3865000 PROPIONAMIDE, 2-(DIMETHYLAMINO)-N-(1,3-DIPHENYLPYRAZOL-5-YL)-

UPDT 8403 CAS: 20170-20-1 MW: 334.46 MOLFM: C20-H22-N4-O

SYN: AP 14 * DIFENAMIZOLE * 2-(DIMETHYLAMINO)-N-(1,3-DIPHENYL-1H-PYRAZOL-5-YL)PROPANAMIDE * DIPHENAMIZOLE * 1,3-DIPHENYL-5-(2-DIMETHYLAMINOPROPIONAMIDO)PYRAZOLE * PASALIN * PROPANAMIDE, 2-(DIMETHYLAMINO)-N-(1,3-DIPHENYL-1H-PYRAZOL-5-YL)- (9CI)

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1470 mg/kg IYKEDH 4,467,73

* ipr-rat LD50:1480 mg/kg IYKEDH 4,467,73

* orl-mus LD50:560 mg/kg MEIEDD 10,455,83

* ipr-mus LD50:186 mg/kg MEIEDD 10,455,83

* scu-mus LD50:525 mg/kg MEIEDD 10,455,83

* ivn-mus LD50:103 mg/kg MEIEDD 10,455,83

UE3865500 PROPIONAMIDE, 2-(DIMETHYLAMINO)-N-(4-(2-ETHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-

UPDT 8408 MW: 269.39 MOLFM: C13-H23-N3-O3

SYN: 2-(DIMETHYLAMINO)-N-(4-(2-ETHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)PROPIONAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:500 mg/kg YKKZAJ 82,481,62

UE3865600 PROPIONAMIDE, 2-(DIMETHYLAMINO)-N-(4-(2-METHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)-

UPDT 8408 MW: 255.36 MOLFM: C12-H21-N3-O3

SYN: 2-(DIMETHYLAMINO)-N-(4-(2-METHOXYETHYL)-3-METHYL-5-ISOXAZOLYL)PROPIONAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:600 mg/kg YKKZAJ 82,481,62

UE3866000 PROPIONAMIDE, N-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-N-(2-THIENYL)-, PICRATE

UPDT 8303 MW: 469.52 MOLFM: C12-H20-N2-O-S C6-H3-N3-O7

SYN: N-(2-(DIMETHYLAMINO)-1-METHYLETHYL)-N-(2-THIENYL)PROPIONAMIDE PICRATE

TOXICITY DATA AND REFERENCES:

1F29 ipr-mam LD50:469 mg/kg CPBTAL 10,1061,62

UE3868000 PROPIONAMIDE, 2-(DIMETHYLAMINO)-N-(3-METHYL-5-ISOTHIAZOLYL)-

UPDT 8408 MW: 213.33 MOLFM: C9-H15-N3-O-S

SYN: 2-(DIMETHYLAMINO)-N-(3-METHYL-5-ISOTHIAZOLYL)PROPIONAMIDE

TOXICITY DATA AND REFERENCES:

1F29 ipr-mus LD50:355 mg/kg YKKZAJ 83,195,63

UE3872000 PROPIONAMIDE, N-(2-(DIMETHYLAMINO)PROPYL)-N-(2-THIENYL)-, PICRATE

UPDT 8303 MW: 469.52 MOLFM: C12-H20-N2-O-S C6-H3-N3-O7

SYN: N-(2-(DIMETHYLAMINO)PROPYL)-N-(2-THIENYL)PROPIONAMIDE PICRATE

TOXICITY DATA AND REFERENCES:

1F29 ipr-mam LD50:508 mg/kg CPBTAL 10,1061,62

UE4300000 PROPIONAMIDE, 2,2-DIMETHYL-N-(5,6,7,9-TETRAHYDRO-9-OXO-1,2,3,10-TETRAMETHOXYBENZO(a) HEPTALEN-7-YL)-, (S)-

UPDT 8406 CAS: 86436-38-6 MW: 441.57 MOLFM: C25-H31-N-O6

SYN: N-PIVALOYLDEACETYLCOLCHICINE

TOXICITY DATA AND REFERENCES:

* ims-mus LD50:4107 ug/kg JMCMAR 26,1365,83

UE4516000 PROPIONAMIDE, N-(2-(N-METHYLBENZYLAMINO)-1-METHYLETHYL)-N-(2-THIENYL)-, OXALATE

UPDT 8303 MW: 406.54 MOLFM: C18-H24-N2-O-S C2-H2-O4

SYN: N-(2-(N-METHYLBENZYLAMINO)-1-METHYLETHYL)-N-(2-THIENYL)PROPIONAMIDE OXALATE

TOXICITY DATA AND REFERENCES:

1F29 ipr-mam LD50:300 mg/kg CPBTAL 10,1061,62

UE4516300 PROPIONAMIDE, N-(2-(N-METHYLBENZYLAMINO)PROPYL)-N-(2-THIENYL)-, OXALATE

UPDT 8303 MW: 406.54 MOLFM: C18-H24-N2-O-S C2-H2-O4

SYN: N-(2-(N-METHYLBENZYLAMINO)PROPYL)-N-(2-THIENYL)PROPIONAMIDE OXALATE

TOXICITY DATA AND REFERENCES:

1F29 ipr-mam LD50:512 mg/kg CPBTAL 10,1061,62

UE4520000 PROPIONAMIDE, N-(1-METHYL-2-(N-METHYLPHENETHYLAMINO)ETHYL)-N-(2-THIENYL)-, OXALATE

UPDT 8303 MW: 420.57 MOLFM: C19-H26-N2-O-S C2-H2-O4

SYN: N-(1-METHYL-2-(N-METHYLPHENETHYLAMINO)ETHYL)-N-(2-THIENYL)PROPIONAMIDE OXALATE

TOXICITY DATA AND REFERENCES:

1F29 ipr-mam LD50:139 mg/kg CPBTAL 10,1061,62

UE4525000 PROPIONAMIDE, N-METHYL-N-NITROSO-

UPDT 8401 CAS: 16395-80-5 MW: 116.14 MOLFM: C4-H8-N2-O2

SYN: N-METHYL-N-NITROSOPROPIONAMIDE * METHYLNITROSO-PROPIONAMIDE * METHYL-NITROSOPROPIONSAEUREAMID (German) * METHYLNITROSOPROPIONYLAMIDE * PROPIONYLAMIDE, N-METHYL-N-NITROSO-

TUMORIGENIC DATA AND REFERENCES:

2V03K60 orl-rat TDLo:445 mg/kg/89W-I 27NZAH 2,73,72

2V03J60 ivn-rat TDLo:62 mg/kg/31W-I EJCAAH 13,1183,77

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE4525200 PROPIONAMIDE, N-(2-(N-METHYLPHENETHYLAMINO)PROPYL)-N-(2-THIENYL)-, OXALATE

UPDT 8303 MW: 420.57 MOLFM: C19-H26-N2-O-S C2-H2-O4

SYN: N-(2-(N-METHYLPHENETHYLAMINO)PROPYL)-N-(2-THIENYL)PROPIONAMIDE OXALATE

TOXICITY DATA AND REFERENCES:

1F29 ipr-mam LD50:265 mg/kg CPBTAL 10,1061,62

UE4525850 PROPIONAMIDE, N-(1-METHYL-2-PIPERIDINOETHYL)-N-(2-THIENYL)-, OXALATE

UPDT 8203 MW: 370.51 MOLFM: C15-H24-N2-O-S C2-H2-O4

SYN: N-(1-METHYL-2-PIPERIDINOETHYL)-N-(2-THIENYL)PROPIONAMIDE OXALATE

TOXICITY DATA AND REFERENCES:

1F12 ipr-mam LD50:408 mg/kg CPBTAL 10,1061,62

UE4526000 PROPIONAMIDE, N-(1-METHYL-2-(1-PIPERIDINYL)ETHYL)-N-(2-PYRIDINYL)-, FUMARATE

UPDT 8405 CAS: 13717-04-9 MW: 391.52 MOLFM: C16-H25-N3-O C4-H4-O4

SYN: ALGERIL * BAY 4503 * DIRAME * FBA 4503 * N-(1-METHYL-2-PIPERIDINOETHYL)-N-2-PYRIDYLPROPIONAMIDE FUMARATE * N-PROPIONYL-2-(1-PIPERIDINOISOPROPYL)AMINOPYRIDINE FUMARATE * N-PROPIONYL-N-(2-PYRIDYL)-1-PIPERIDINO-2-AMINOPROPANE FUMARATE * PROPIRAM FUMARATE * PROPANAMIDE, N-(1-METHYL-2-(1-PIPERIDINYL)ETHYL)-N-2-PYRIDINYL-, (E)-2-BUTENEDIOATE (1:1)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25 orl-rat TDLo:4950 mg/kg (6-16D preg) ARZNAD 24,624,74

TOXICITY DATA AND REFERENCES:

3F12F17J22 orl-rat LD50:1657 mg/kg ARZNAD 24,624,74

* ivn-rat LD50:44900 ug/kg ARZNAD 24,624,74

3F12F17J22 orl-mus LD50:874 mg/kg ARZNAD 24,624,74

3F11F12F13 scu-mus LD50:314 mg/kg ARZNAD 24,624,74

* ivn-mus LD50:74 mg/kg ARZNAD 24,624,74

3K01K12K13 orl-dog LD50:1 gm/kg ARZNAD 24,624,74

* scu-gpg LD50:235 mg/kg ARZNAD 24,624,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE4529000 PROPIONAMIDE, N-NITROSO-N-PROPYL-

UPDT 8401 CAS: 65792-56-5 MW: 144.20 MOLFM: C6-H12-N2-O2

SYN: N-NITROSO-N-PROPYLPROPIONAMIDE * N-NITROSO-N-PROPYL-PROPRIONAMID (German) * 1-OPPN * 1-OXOPROPYLPROPYLNITROSAMINE * 1-OXOPROPYLPROPYLNITROSAMIN (German)

TUMORIGENIC DATA AND REFERENCES:

3V03169V10 scu-ham TDLo:125 mg/kg ZKKOBW 90,221,77

TOXICITY DATA AND REFERENCES:

scu-ham LD50:308 mg/kg ZKKOBW 90,221,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE4529050 PROPIONAMIDE, N-PHENETHYL-

UPDT 8406 CAS: 6283-04-1 MW: 177.27 MOLFM: C11-H15-N-O

SYN: N-PHENETHYLPROPIONAMIDE

TOXICITY DATA AND REFERENCES:

scu-mus LD50:135 mg/kg ARZNAD 7,620,57

UE4529100 PROPIONAMIDE, N-(1-PHENETHYL-4-PIPERIDYL)-N-(2-PYRIDYL)-, MONOHYDROCHLORIDE

UPDT 8406 CAS: 79278-78-7 MW: 373.97 MOLFM: C21-H27-N3-O Cl-H

SYN: N-(1-PHENETHYL-4-PIPERIDYL)-N-(2-PYRIDYL)PROPIONAMIDE HYDROCHLORIDE * N-(2-PYRIDYL)-N-(1-(beta-PHENYLAETHYL)-4-PIPERIDYL)-PROPIONAMID HCl (German)

TOXICITY DATA AND REFERENCES:

1F29 ipr-mus LD50:73 mg/kg ARPMAS 311,1010,78

UE4529150 PROPIONAMIDE, N-(1-PHENETHYL-4-PIPERIDYL)-N-(3-PYRIDYL)-, MONOHYDROCHLORIDE

UPDT 8406 MW: 373.97 MOLFM: C21-H27-N3-O Cl-H

SYN: N-(1-PHENETHYL-4-PIPERIDYL)-N-(3-PYRIDYL)PROPIONAMIDE HYDROCHLORIDE * N-(3-PYRIDYL)-N-(1-(beta-PHENYLAETHYL)-4-PIPERIDYL)-PROPIONAMID HCl (German)

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:87 mg/kg ARPMAS 311,1010,78

UE4529250 PROPIONAMIDE, N-(1-PHENETHYL-4-PIPERIDYL)-N-(4-PYRIDYL)-, MONOHYDROCHLORIDE
UPDT:8406 MW: 373.97 MOLFM: C21-H27-N3-O Cl-H
SYN: N-(1-PHENETHYL-4-PIPERIDYL)-N-(4-PYRIDYL)PROPIONAMIDE HYDROCHLORIDE * N-(4-PYRIDYL)-N-(1-(beta-PHENYLAETHYL)-4-PIPERIDYL)-PROPIONAMID HCl (German)

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:122 mg/kg ARPMAS 311,1010,78

UE4529350 PROPIONAMIDE, N-(3-PIPERIDINOBUTYL)-N-(2-THIENYL)-, OXALATE
UPDT:8303 MW: 384.54 MOLFM: C16-H26-N2-O-S C2-H2-O4
SYN: N-(3-PIPERIDINOBUTYL)-N-(2-THIENYL)PROPIONAMIDE OXALATE

TOXICITY DATA AND REFERENCES:
* ipr-mam LD50:120 mg/kg CPBTAL 10,1061,62

UE4529470 PROPIONAMIDE, N-(2-PIPERIDINOPROPYL)-N-(2-THIENYL)-, OXALATE
UPDT:8303 MW: 370.51 MOLFM: C15-H24-N2-O-S C2-H2-O4
SYN: N-(2-PIPERIDINOPROPYL)-N-(2-THIENYL)PROPIONAMIDE OXALATE

TOXICITY DATA AND REFERENCES:
1F29 ipr-mam LD50:399 mg/kg CPBTAL 10,1061,62

UE4540000 PROPIONAMIDE, N-(5,6,7,9-TETRAHYDRO-9-OXO-1,2,3,10-TETRAMETHOXYBENZO(a)HEPTALEN-7-YL)-, (S)-
UPDT:8406 CAS: 86495-10-5 MW: 413.51 MOLFM: C23-H27-N-O6
SYN: N-PROPIONYLDEACTYLCOLCHICINE * (S)-N-(5,6,7,9-TETRAHYDRO-9-OXO-1,2,3,10-TETRAMETHOXYBENZO(a)HEPTALEN-7-YL)PROPIONAMIDE

TOXICITY DATA AND REFERENCES:
* ims-mus LD50:3391 ug/kg JMCMAR 26,1365,83

3-PROPIONAMIDO-2,4,6-TRIIODOBENZOIC ACID see: DH6488700

UE4730000 PROPIONANILIDE, 2-(BUTYLAMINO)-3'-CHLORO-
UPDT:8312 MW: 254.79 MOLFM: C13-H19-Cl-N2-O
SYN: alpha-n-BUTILAMMINO-3-CLORO-PROPIOANILIDE (Italian) * 2-(BUTYLAMINO)-3'-CHLOROPROPIONANILIDE * 3-CLORO-alpha-N-BUTILAMMINOPROPIOANILIDE (Italian)

TOXICITY DATA AND REFERENCES:
1C17 scu-mus LD50:390 mg/kg FRPSAX 17,601,62

UE4736000 PROPIONANILIDE, 2-(BUTYLAMINO)-3'-(TRIFLUOROMETHYL)-
UPDT:8312 MW: 288.35 MOLFM: C14-H19-F3-N2-O
SYN: alpha-n-BUTILAMMINO-3-TRIFLUOROMETILPROPIONANILIDE (Italian) * 2-(BUTYLAMINO)-3'-(TRIFLUOROMETHYL)PROPIONANILIDE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:180 mg/kg BCFAAI 121,443,82

UE4740000 PROPIONANILIDE, 4'-(BUTYLCARBAMOYL)-2-(DIETHYLAMINO)-, HYDROCHLORIDE
UPDT:8408 MW: 355.96 MOLFM: C18-H29-N3-O2 Cl-H
SYN: 4'-(BUTYLCARBAMOYL)-2-(DIETHYLAMINO)PROPIONANILIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg YKKZAJ 82,783,62

UE4900000 PROPIONANILIDE, 3',4'-DICHLORO-
UPDT:8408 CAS: 709-98-8 MW: 218.09 MOLFM: C9-H9-Cl2-N-O
SYN: BAY 30130 * CHEM RICE * CRYSTAL PROPANIL-4 * DCPA * N-(3,4-DICHLOROPHENYL)PROPANAMIDE * N-(3,4-DICHLOROPHENYL)PROPIONAMIDE * 3',4'-DICHLOROPHENYLPROPIONANILIDE * DICHLOROPROPIONANILIDE * 3,4-DICHLOROPROPIONANILIDE * 3',4'-DICHLOROPROPIONANILIDE * DIPRAM * DPA * FARMCO PROPANIL * FW 734 * GRASCIDE * HERBAX TECHNICAL * MONTROSE PROPANIL * PROPANAMIDE, N-(3,4-DICHLOROPHENYL)- * PROPANEX * PROPANID * PROPANIDE * PROPANIL * PROPIONIC ACID 3,4-DICHLOROANILIDE * PROP-JOB * RISELECT * ROGUE * ROSANIL * S 10165 * STAM * STAM F 34 * STAM LV 10 * STAM M-4 * STAMPEDE * STAMPEDE 3E * STAM SUPERNOX * STREL * SUPERNOX * SURCOPUR * SURPUR * VERTAC

MUTATION DATA AND REFERENCES:
dnr-bcs 100 ug/disc NTIS** PB80-133226
cyt-mus-unk 100 mg/kg TGANAK 14(6),41,80
cyt-mus-orl 100 mg/kg CYGEDX 14(6),38,80

TOXICITY DATA AND REFERENCES:
orl-rat LD50:560 mg/kg WRPCA2 9,119,70
unk-rat LD50:1300 mg/kg 30ZDA9 -,124,71
* orl-mus LD50:360 mg/kg GTPZAB 21(12),30,77
orl-dog LD50:1217 mg/kg TXAPA9 23,650,72
* skn-rbt LD50:4830 mg/kg FMCHA2 -,C197,83
unk-rbt LD50:500 mg/kg 30ZDA9 -,124,71

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0981-0409

UE4932000 PROPIONANILIDE, 2-(DIETHYLAMINO)-3'-(TRIFLUOROMETHYL)-
UPDT:8312 MW: 288.35 MOLFM: C14-H19-F3-N2-O
SYN: 2-(DIETHYLAMINO)-3'-(TRIFLUOROMETHYL)PROPIONANILIDE * alpha-DIETILAMMINO-3-TRIFLUOROMETILPROPIONANILIDE (Italian)

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:210 mg/kg BCFAAI 121,443,82

UE4935000 PROPIONANILIDE, 2-(DIETHYLAMINO)-2',4',6'-TRIMETHYL-
UPDT:8309 MW: 260.42 MOLFM: C16-H24-N2-O
SYN: 2-(DIETHYLAMINO)-2',4',6'-TRIMETHYLPROPIONANILIDE * S 390

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:370 mg/kg JPMSAE 50,161,61

UE4936000 PROPIONANILIDE, 3-(DIETHYLAMINO)-2',4',6'-TRIMETHYL-
UPDT:8309 MW: 262.44 MOLFM: C16-H26-N2-O
SYN: 3-(DIETHYLAMINO)-2',4',6'-TRIMETHYLPROPIONANILIDE * S 395

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:390 mg/kg JPMSAE 50,161,61

UE4990000 PROPIONANILIDE, N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYL-
UPDT:8406 CAS: 20682-38-6 MW: 262.44 MOLFM: C16-H26-N2-O
SYN: N-(3-(DIMETHYLAMINO)PROPYL)-2',6'-DIMETHYLPROPIONANILIDE * SA 61

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:230 mg/kg APFRAD 40,231,82

UE5098000 PROPIONANILIDE, 4'-HYDROXY-N-(1-METHYL-2-(4-METHYL-1-PIPERAZINYL)ETHYL)-
UPDT:8408 MW: 305.47 MOLFM: C17-H27-N3-O2
SYN: 4'-HYDROXY-N-(1-METHYL-2-(4-METHYL-1-PIPERAZINYL)ETHYL)PROPIONANILIDE

TOXICITY DATA AND REFERENCES:
3F29K14U26 scu-mus LD50:450 mg/kg YKKZAJ 83,62,63

UE5098100 PROPIONANILIDE, 3'-HYDROXY-N-(2-(METHYLPHENETHYLAMINO)PROPYL)-
UPDT:8408 MW: 340.51 MOLFM: C21-H28-N2-O2
SYN: 3'-HYDROXY-N-(2-(METHYLPHENETHYLAMINO)PROPYL)PROPIONANILIDE

TOXICITY DATA AND REFERENCES:
3F29K14U26 scu-mus LD50:325 mg/kg YKKZAJ 83,62,63

UE5098200 PROPIONANILIDE, 3'-HYDROXY-N-(1-METHYL-2-PIPERIDINOETHYL)-
UPDT:8408 MW: 290.45 MOLFM: C17-H26-N2-O2
SYN: 3'-HYDROXY-N-(1-METHYL-2-PIPERIDINOETHYL)PROPIONANILIDE

TOXICITY DATA AND REFERENCES:
3F29K14U26 scu-mus LD50:455 mg/kg YKKZAJ 83,62,63

UE5098300 PROPIONANILIDE, 4'-HYDROXY-N-(1-METHYL-2-PIPERIDINOETHYL)-
UPDT:8408 MW: 290.45 MOLFM: C17-H26-N2-O2
SYN: 4'-HYDROXY-N-(1-METHYL-2-PIPERIDINOETHYL)PROPIONANILIDE

TOXICITY DATA AND REFERENCES:
3F29K14U26 scu-mus LD50:425 mg/kg YKKZAJ 83,62,63

UE5295000 PROPIONANILIDE, N-(4-(METHOXYMETHYL)-1-(2-(2-THIENYL)ETHYL)-4-PIPERIDYL)-, CITRATE
UPDT:8408 CAS: 60561-17-3 MW: 578.74 MOLFM: C22-H30-N2-O2-S C6-H8-O7
SYN: N-(4-(METHOXYMETHYL)-1-(2-(2-THIENYL)ETHYL)-4-PIPERIDINYL)-N-PHENYLPROPIONAMIDE CITRATE * N-(4-(METHOXYMETHYL)-1-(2-(2-THIENYL)ETHYL)-4-PIPERIDYL)PROPIONANILIDE CITRATE * R 30730 CITRATE SALT * SUFENTANIL CITRATE * SUFENTANYL CITRATE * SUFENTA * SULFENTANIL * SUFENTANYL

TOXICITY DATA AND REFERENCES:
1F29 ivn-rat LD50:17900 ug/kg ARZNAD 26,1548,76
1F12 ivn-mus LD50:18700 ug/kg ARZNAD 26,1551,76
3C08F05F12 ivn-dog LD50:14100 ug/kg ARZNAD 26,1551,76

UE5296000 PROPIONANILIDE, N-(2-(METHYLPHENETHYLAMINO)PROPYL)-
UPDT:8408 CAS: 552-25-0 MW: 324.51 MOLFM: C21-H28-N2-O
SYN: DIAMPROMID * DIAMPROMIDE * N-(2-(METHYLPHENETHYLAMINO)PROPYL)PROPIONANILIDE * PROPANAMIDE, N-(2-(METHYL(2-PHENYLETHYL)AMINO)PROPYL)-N-PHENYL- (9CI)

TOXICITY DATA AND REFERENCES:
3F29K14U26 scu-mus LD50:244 mg/kg YKKZAJ 83,62,63

UE5297500 PROPIONANILIDE, N-(3-METHYL-1-PHENETHYL-4-PIPERIDYL)- (Z)-(+)-
UPDT:8405 MW: 350.55 MOLFM: C23-H30-N2-O
SYN: (+)-cis-3-METHYLFENTANYL * (+)-cis-N-(3-METHYL-1-PHENETHYL-4-PIPERIDYL)PROPIONANILIDE * (+)-cis-N-(3-METHYL-1-(2-PHENYLETHYL)-4-PIPERIDINYL)-N-PHENYLPROPANAMIDE * 1-(2-PHENYLETHYL)-3-METHYL-4-(N-PROPANOYLANILINO)PIPERIDINE * R-26,800

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:960 ug/kg DRFUD4 5,197,80

UE5410000 PROPIONANILIDE, N-(1-METHYL-2-PIPERIDINOETHYL)-
UPDT:8408 CAS: 129-83-9 MW: 274.45 MOLFM: C17-H26-N2-O
SYN: N-(1-METHYL-2-PIPERIDINOETHYL)PROPIONANILIDE * PHENAMPROMID * PHENAMPROMIDE * PROPANAMIDE, N-(1-METHYL-2-(1-PIPERIDINYL)ETHYL)-N-PHENYL- (9CI)

TOXICITY DATA AND REFERENCES:
3F29K14U26 scu-mus LD50:425 mg/kg YKKZAJ 83,62,63

UE5550000 PROPIONANILIDE, N-(1-PHENETHYL-4-PIPERIDYL)-
UPDT:8407 CAS: 437-38-7 MW: 336.52 MOLFM: C22-H28-N2-O
SYN: FENTANEST * FENTANIL * FENTANYL * PENTANYL * PHENTANYL * N-PHENETHYL-4-(n-PROPIONYLANILINO)PIPERIDINE * 1-PHENETHYL-4-N-PROPIONYLANILINOPIPERIDINE * PROPANAMIDE, N-PHENYL-N-(1-(2-PHENYLETHYL)-4-PIPERIDINYL)- (9CI) * R 4263 * SENTONIL

TOXICITY DATA AND REFERENCES:
1F29 ivn-rat LD50:3050 ug/kg DDREDK 1,83,81
2F07J25 ivn-hmn TDLo:2 ug/kg BMJOAE 1,278,78
1F06 ipr-mus LD50:76 mg/kg PCJOAU 10,1193,76
ivn-mus LD50:2910 ug/kg JMCMAR 17,1047,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE5551000 PROPIONANILIDE, N-(1-PHENETHYL-4-PIPERIDYL)-, HYDROCHLORIDE
UPDT:8406 CAS: 1443-54-5 MW: 372.98 MOLFM: C22-H28-N2-O Cl-H
SYN: FENTANYL HYDROCHLORIDE * N-(1-PHENETHYL-4-PIPERIDYL)PROPIONANILIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:45 mg/kg ARPMAS 311,1010,78

UE5600000 PROPIONANILIDE, N-(1-PHENETHYL-4-PIPERIDYL)-, CITRATE (1:1)
UPDT:8405 CAS: 990-73-8 MW: 528.66 MOLFM: C22-H28-N2-O C6-H8-O7
SYN: FENTANEST * FENTANYL CITRATE * LEPTANAL * McN-JR 4263 * MCN-JR-4263-49 * PENTANYL * N-(1-PHENETHYL-4-PIPERIDINYL)PROPIONANILIDE DIHYDROGEN CITRATE * N-(1-PHENETHYL-4-PIPERIDYL)PROPIONANILIDE CITRATE * N-(1-PHENETHYL-4-PIPERIDYL)PROPIONANILIDE DIHYDROGEN CITRATE * PHENTANYL CITRATE * R 4263 * R 5240 * SUBLIMAZE * SUBLIMAZE CITRATE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:18 mg/kg TXAPA9 18,185,71
* scu-rat LD50:5460 ug/kg NIIRDN 6,666,82
* ivn-rat LD50:990 ug/kg NIIRDN 6,666,82
3C08F07F12 scu-mus LD50:62 mg/kg TXAPA9 6,48,64
* ivn-mus LD50:10100 ug/kg NIIRDN 6,666,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE5633000 p-PROPIONANISIDIDE, N-(1-METHYL-2-PIPERIDINOETHYL)-
UPDT:8408 MW: 304.48 MOLFM: C18-H28-N2-O2
SYN: N-(1-METHYL-2-PIPERIDINOETHYL)-p-PROPIONANISIDIDE

TOXICITY DATA AND REFERENCES:
3F29K14U26 scu-mus LD50:475 mg/kg YKKZAJ 83,62,63

PROPIONATE DE METHYLE (French) see: UF5970000
PROPIONATE D'ETHYLE (French) see: UF3675000
PROPIONATE de MYCOINE (French) see: LV2626000
PROPIONE see: SA8050000

UE5950000 PROPIONIC ACID
UPDT:8309 CAS: 79-09-4 MW: 74.09 MOLFM: C3-H6-O2
SYN: ACIDE PROPIONIQUE (French) * CARBOXYETHANE * ETHANECARBOXYLIC ACID * ETHYLFORMIC ACID * METACETONIC ACID * METHYL ACETIC ACID * PROPANOIC ACID * PROPIONIC ACID (DOT) * PROPIONIC ACID GRAIN PRESERVER * PROPIONIC ACID, solution (DOT) * PROZOIN * PSEUDOACETIC ACID * SENTRY GRAIN PRESERVER * TENOX P GRAIN PRESERVATIVE * UN 1848 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 495 mg open SEV UCDS** 3/24/70
eye-rbt 990 ug SEV UCDS** 3/24/70

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3500 mg/kg FMCHA2 -,C198,83
* ipr-rat LD50:200 mg/kg FMCHA2 -,C230,83
1F12 ivn-mus LD50:625 mg/kg APTOA6 18,141,61
1R10 skn-rbt LD50:500 mg/kg AIHAAP 23,95,62

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 21,100,60
★ TLV-TWA 10 ppm; STEL 15 ppm DTLVS* 4,347,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solution CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULF

PROPIONIC ACID, 3-ACETYL- see: OI1575000

UE6050000 PROPIONIC ACID, 3-(ACETYL-(3-AMINO-2,4,6-TRIIODOPHENYL)AMINO)-2-METHYL-
UPDT:8403 CAS: 16034-77-8 MW: 613.97 MOLFM: C12-H13-I3-N2-O3
SYN: N-ACETYL-N-(3-AMINO-2,4,6-TRIIODOPHENYL)-beta-AMINOISOBUTYRIC ACID * 3-(ACETYL-(3-AMINO-2,4,6-TRIIODOPHENYL)AMINO)-2-METHYLPROPANOIC ACID * N-ACETYL-N-(3-AMINO-2,4,6-TRIIODOPHENYL)-2-METHYL-beta-ALANINE * N-ACETYL-N-(2,4,6-TRIIODO-3-AMINOPHENYL)-beta-AMINOISOBUTYRIC ACID * CHOLEBRINE * CHOLIMIL * DRC 1201 * IOCETAMIC ACID * MP 620

TOXICITY DATA AND REFERENCES:
ivn-rat LD50:700 mg/kg 85ESA3 9,661,76
ivn-mus LD50:410 mg/kg JMCMAR 13,997,70

UE6100000 PROPIONIC ACID, 3-(ACETYL-(3-AMINO-2,4,6-TRIIODOPHENYL)AMINO)-2-METHYL-, METHYLGLUCAMINE SALT
UPDT:8403 CAS: 69483-11-0 MW: 809.22 MOLFM: C12-H13-I3-N2-O3 C7-H17-N-O5
SYN: 3-(ACETYL-(3-AMINO-2,4,6-TRIIODOPHENYL)AMINO)-2-METHYLPROPANOIC ACID METHYLGLUCAMINE SALT * N-ACETYL-N-(3-AMINO-2,4,6-TRIIODOPHENYL)-2-METHYL-beta-ALANINE METHYLGLUCAMINE SALT * N-ACETYL-N-(2,4,6-TRIIODO-3-AMINOPHENYL)-beta-AMINOISOBUTYRIC ACID METHYLGLUCAMINE SALT * CHOLEBRINE METHYLGLUCAMINE SALT * CHOLIMIL METHYLGLUCAMINE SALT * DRC 1201 METHYLGLUCAMINE SALT * IOCETAMIC ACID METHYLGLUCAMINE SALT * MP 620 METHYLGLUCAMINE SALT

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2210 mg/kg MEIEDD 10,726,83

* ivn-rat LD50:700 mg/kg MEIEDD 10,726,83

UE6118000 PROPIONIC ACID, 2-(4-ALLYL-2-METHOXYPHENOXY)-2-METHYL-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE

UPDT:8407 MW: 385.98 MOLFM: C20-H31-N-O4 Cl-H

SYN: 2-(4-ALLYL-2-METHOXYPHENOXY)-2-METHYL-PROPIONIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HCl * SCH 1206

TOXICITY DATA AND REFERENCES:

1F12 ipr-mus LD50:300 mg/kg BCFAAI 101,354,62

UE6490000 PROPIONIC ACID, 2-AMINO-3-(HYDROXYNITROSAMINO)-, (L)-

UPDT:8403 CAS: 5854-93-3 MW: 149.13 MOLFM: C3-H7-N3-O4

SYN: L-ALANOSINE * L-2-AMINO-3-(HYDROXYNITROSAMINO)PROPIONIC ACID * L-2-AMINO-3-((N-NITROSO)HYDROXYLAMINO)PROPIONIC ACID * NSC-143647

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:600 mg/kg 85ESA3 9,29,76

ivn-mus LD50:300 mg/kg 85ESA3 9,29,76

PROPIONIC ACID, 2-AMINO-3-INDOL-3-YL- see: YN6130000

PROPIONIC ACID ANHYDRIDE see: UF9100000

UE7398000 PROPIONIC ACID, 3,3'-AZOBIS(2-METHYL-, DIETHYL ESTER

UPDT:8401 MW: 258.36 MOLFM: C12-H22-N2-O4

SYN: 3,3'-AZOBIS(2-METHYLPROPIONIC ACID) DIETHYL ESTER * DIETHYLAZOBISISOBUTYRATE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:710 mg/kg TXAPA9 28,313,74

* skn-rbt LD50:280 mg/kg TXAPA9 28,313,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE7550000 PROPIONIC ACID, 2-(N-BENZOYL-N-(3,4-DICHLOROPHENYL))AMINO-, ETHYL ESTER

UPDT:8402 CAS: 33878-50-1 MW: 366.26 MOLFM: C18-H17-Cl2-N-O3

SYN: L-ALANINE, N-BENZOYL-N-(3,4-DICHLOROPHENYL)-, ETHYL ESTER * N-BENZOYL-N-(3,4-DICHLOROPHENYL)-L-ALANINE ETHYL ESTER * BENZOYLPROP ETHYL * ENAVEN * ETHYL N-BENZOYL-N-(3,4-DICHLOROPHENYL)-2-AMINOPROPIONATE * SD 30.053 * SUFFIX * SUFFIX 25 * WL 17,731

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1550 mg/kg GUCHAZ 6,256,73

orl-mus LD50:716 mg/kg 28ZEAL 5,24,76

* unk-mus LD50:495 mg/kg TGANAK 16(1),45,82

orl-dog LD50:2000 mg/kg 85DPAN -,-,71/76

orl-rbt LD50:1000 mg/kg 85DPAN -,-,71/76

orl-gpg LD50:1500 mg/kg 85DPAN -,-,71/76

UE7570000 PROPIONIC ACID, 2-(3-BENZOYLPHENYL)-

UPDT:8412 CAS: 22071-15-4 MW: 254.30 MOLFM: C16-H14-O3

SYN: ALRHEUMAT * ALRHEUMUN * m-BENZOYLHYDRATROPIC ACID * 3-BENZOYLHYDRATROPIC ACID * 3-BENZOYL-alpha-METHYLBENZENEACETIC ACID * 2-(m-BENZOYLPHENYL)PROPIONIC ACID * 2-(3-BENZOYLPHENYL)PROPIONIC ACID * CAPISTEN * FASTUM * ISO-K * KEFENID * KETOPROFEN * KETOPRON * LERTUS * MEPROFEN * ORUDIS * ORUVAIL * PROFENID * 19583 RP

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02 orl-rat TDLo:750 mg/kg (30D male) OYYAA2 8,1285,74

1T13 orl-rat TDLo:750 mg/kg (30D pre) OYYAA2 8,1285,74

1T12 orl-rat TDLo:300 mg/kg (30D pre) OYYAA2 8,1285,74

1T47 orl-rat TDLo:1 mg/kg (21D preg) OYYAA2 27,117,84

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:62400 ug/kg ARZNAD 34,280,84

* ipr-rat LD50:80 mg/kg NIIRDN 6,265,82

* scu-rat LD50:162 mg/kg NIIRDN 6,265,82

* ivn-rat LD50:350 mg/kg IYKEDH 9,222,78

2K08K17 rec-rat LD50:84 mg/kg JTSCDR 6,209,81

* orl-mus LD50:447 mg/kg ARZNAD 34,280,84

ipr-mus LD50:300 mg/kg EJMCA5 11,7,76

* scu-mus LD50:600 mg/kg NIIRDN 6,265,82

* ivn-mus LD50:790 mg/kg IYKEDH 9,222,78

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE7630000 PROPIONIC ACID, 2-(4-BIPHENYLYLOXY)-2-METHYL-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE

UPDT:8407 MW: 391.98 MOLFM: C22-H29-N-O3 Cl-H

SYN: 2-(4-BIPHENYLYLOXY)-2-METHYL-PROPIONIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * DIETILAMINOETILESTERE DELL'ACIDO p-FENIL-FENOSSI-alpha-ISOBUTIRRICO CLORIDRATO (Italian) * SCH 1209

TOXICITY DATA AND REFERENCES:

1F12 ipr-mus LD50:300 mg/kg BCFAAI 101,354,62

UE7875000 PROPIONIC ACID, 3-BROMO-

UPDT:8401 CAS: 590-92-1 MW: 152.99 MOLFM: C3-H5-Br-O2

SYN: beta-BROMOPROPIONIC ACID * 3-BROMOPROPIONIC ACID

MUTATION DATA AND REFERENCES:

mmo-sat 25 ug/plate DHEFDK FDA-78-1046,78

TUMORIGENIC DATA AND REFERENCES:

2V01R60 skn-mus TDLo:4800 mg/kg/12W-I CNREA8 26,12,66

2V03J60 ipr-mus TDLo:580 mg/kg/8W-I CNREA8 39,391,79

TOXICITY DATA AND REFERENCES:

ipr-mus LDLo:500 mg/kg CBCCT* 6,228,54

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE8225000 PROPIONIC ACID, 3-BUTOXY-

UPDT:8407 CAS: 7420-06-6 MW: 146.21 MOLFM: C7-H14-O3

SYN: 3-BUTOXY PROPANOIC ACID * 3-BUTOXYPROPIONIC ACID * PROPANOIC ACID, 3-BUTOXY

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54

eye-rbt 250 ug open SEV AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:5190 mg/kg AMIHBC 10,61,54

* skn-rbt LD50:630 mg/kg AMIHBC 10,61,54

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE8245000 PROPIONIC ACID, BUTYL ESTER

UPDT:8312 CAS: 590-01-2 MW: 130.21 MOLFM: C7-H14-O2

SYN: BUTYL PROPANOATE * BUTYL PROPIONATE * n-BUTYL PROPIONATE * BUTYL PROPIONATE (DOT) * PROPANOIC ACID, BUTYL ESTER (9CI) * UN 1914 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD FCTXAV 18,661,80

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:5000 mg/kg FCTXAV 18,661,80

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UE8389000 PROPIONIC ACID, 2-(3-BUTYRAMIDO-2,4,6-TRIIODOPHENOXY)-

UPDT:8405 MW: 628.98 MOLFM: C13-H14-I3-N-O4

SYN: 2-(3-BUTYRAMIDO-2,4,6-TRIIODOPHENOXY)PROPIONIC ACID * alpha-(2,4,6-TRIJOD-3(n)-BUTYRYLAMINO-PHENOXY)-PROPIONSAEURE (German)

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:2 gm/kg PHARAT 16,389,61

UE8540000 PROPIONIC ACID, 2-(CARVACRYLOXY)-2-METHYL-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE

UPDT:8407 MW: 372.00 MOLFM: C20-H33-N-O3 Cl-H

SYN: 2-(CARVACRYLOXY)-2-METHYL-PROPIONIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * SCH 1207

TOXICITY DATA AND REFERENCES:

1F12 ipr-mus LD50:300 mg/kg BCFAAI 101,354,62

PROPIONIC ACID CHLORIDE see: UG6657000

UE8550000 PROPIONIC ACID, CHLORO-

UPDT:8312 CAS: 28554-00-9 MW: 108.53 MOLFM: C3-H5-Cl-O2

SYN: CHLOROPROPIONIC ACID * CHLOROPROPIONIC ACID (DOT) * MONOCHLOROPROPIONIC ACID * PROPANOIC ACID, CHLORO- (9CI) * UN 2511 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83

PROPIONIC ACID, alpha-CHLORO- see: UE8575000

UE8575000 PROPIONIC ACID, 2-CHLORO-

UPDT:8201 CAS: 598-78-7 MW: 108.53 MOLFM: C3-H5-Cl-O2

SYN: alpha-CHLOROPROPIONIC ACID * PROPIONIC ACID, alpha-CHLORO-

TOXICITY DATA AND REFERENCES:

orl-mus LD50:980 mg/kg JPETAB 86,336,46

orl-rat LD50:500 mg/kg DTLVS* 4,95,80

REVIEW AND REFERENCES:

★ TLV-TWA 2 ppm DTLVS* 4,95,80

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE8750000 PROPIONIC ACID, 3-CHLORO-

UPDT:8401 CAS: 107-94-8 MW: 108.53 MOLFM: C3-H5-Cl-O2

SYN: 3-CHLOROPROPANIC ACID * 3-CHLOROPROPIONIC ACID * beta-CHLOROPROPIONIC ACID * beta-MONOCHLOROPROPIONIC ACID

MUTATION DATA AND REFERENCES:

mmo-sat 100 ug/plate DHEFDK FDA-78-1046,78

TUMORIGENIC DATA AND REFERENCES:

2V02J60 ipr-mus TDLo:730 mg/kg/4W-I CNREA8 39,391,79

TOXICITY DATA AND REFERENCES:

skn-mus LDLo:1040 mg/kg CNREA8 28,653,68

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE8840000 PROPIONIC ACID, 2-CHLORO-3-(4-CHLOROPHENYL)-, METHYL ESTER

UPDT:8407 CAS: 14437-17-3 MW: 233.10 MOLFM: C10-H10-Cl2-O2

SYN: BAY 70533 * BAYER 70533 * BIDISIN * CHLORFENPROP-METHYL * 2-CHLORO-3-(4-CHLOROPHENYL)-METHYLPROPIONATE * 2-CHLORO-3-(4-CHLOROPHENYL)PROPIONIC ACID METHYL ESTER * CHLORPHENPROP-METHYL * METHACHLORPHENPROP * METHYL 2-CHLORO-3-(4-CHLOROPHENYL)PROPIONATE * METHYL alpha,4-DICHLOROPHENYLPROPANOATE * W5769

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1072 mg/kg WRPCA2 9,119,70

orl-mus LD50:1000 mg/kg 85DPAN -,-,71/76

orl-rbt LD50:500 mg/kg 28ZEAL 5,44,76

skn-rbt LD50:756 mg/kg WRPCA2 9,119,70

orl-gpg LD50:500 mg/kg 28ZEAL 5,44,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE8850000 PROPIONIC ACID, 3-(3-CHLORO-4-CYCLOHEXYLBENZOYL)-

UPDT:8403 CAS: 12808-51-8 MW: 294.80 MOLFM: C16-H19-Cl-O3

SYN: BENZENEBUTANOIC ACID, 3-CHLORO-4-CYCLOHEXYL-alpha-OXO- * BUCLOXIC ACID * BUCLOXONIC ACID * 804 CB * 3-(3-CHLORO-4-CYCLOHEXYLBENZOYL)PROPIONIC ACID * 3-CHLORO-4-CYCLOHEXYL-alpha-OXOBENZENEBUTANOIC ACID * 4-(3-CHLORO-4-CYCLOHEXYLPHENYL)-4-OXO-BUTYRIC ACID * 4-(4-CYCLOHEXYL-3-CHLOROPHENYL)-4-OXOBUTYRIC ACID * ESFAR

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T35 orl-mus TDLo:975 mg/kg (6-18D preg) ARZNAD 24,1413,74

1T25 orl-rbt TDLo:550 mg/kg (7-28D preg) ARZNAD 24,1413,74

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:120 mg/kg MEIEDD 10,201,83

* ipr-rat LD50:210 mg/kg MEIEDD 10,201,83

* orl-mus LD50:900 mg/kg MEIEDD 10,201,83

* ipr-mus LD50:1100 mg/kg MEIEDD 10,201,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE8860000 PROPIONIC ACID, 3-(3-CHLORO-4-CYCLOHEXYLBENZOYL)-, CALCIUM SALT

UPDT:8403 CAS: 32808-53-0 MW: 627.66 MOLFM: C32-H36-Cl2-O6 Ca

SYN: BENZENEBUTANOIC ACID, 3-CHLORO-4-CYCLOHEXYL-alpha-OXO- * BUCLOXIC ACID CALCIUM SALT * BUCLOXONIC ACID CALCIUM SALT * CB 804 * 3-(3-CHLORO-4-CYCLOHEXYLBENZOYL)PROPIONIC ACID CALCIUM SALT * 3-CHLORO-4-CYCLOHEXYL-alpha-OXOBENZENEBUTANOIC ACID CALCIUM SALT * 4-(4-CYCLOHEXYL-3-CHLOROPHENYL)-4-OXOBUTYRIC ACID CALCIUM SALT * ESFAR

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:175 mg/kg MEIEDD 10,201,83

* ipr-rat LD50:200 mg/kg MEIEDD 10,201,83

* orl-mus LD50:1700 mg/kg MEIEDD 10,201,83

* ipr-mus LD50:1700 mg/kg MEIEDD 10,201,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE8862000 PROPIONIC ACID, 2-(3-CHLORO-4-CYCLOHEXYLPHENYL)-, (+-)-

UPDT:8405 MW: 266.79 MOLFM: C15-H19-Cl-O2

SYN: AF-2433 * DL-2-(3-CHLORO-4-CYCLOHEXYLPHENYL)PROPIONIC ACID * DL-2-(3-CHLOR-4-CYCLOHEXYL-PHENYL)PROPIONSAEURE (German)

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:20400 ug/kg ARZNAD 28,1714,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE8870000 PROPIONIC ACID, 2-CHLORO-, ETHYL ESTER

UPDT:8403 CAS: 535-13-7 MW: 136.59 MOLFM: C5-H9-Cl-O2

SYN: ETHYL-2-CHLOROPROPIONATE (DOT) * UN 2935 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UE8880000 PROPIONIC ACID, 2-(N-(3-CHLORO-4-FLUOROPHENYL)BENZAMIDO)-, ISOPROPYL ESTER, L-

UPDT:8310 CAS: 57973-67-8 MW: 363.84 MOLFM: C19-H19-Cl-F-N-O3

SYN: L-ALANINE, N-BENZOYL-N-(3-CHLORO-4-FLUOROPHENYL)-, 1-METHYLETHYL ESTER (9CI) * COMMANDO * 1-FLAMPROP-ISOPROPYL * SUFFIX BW * SUPERBARNON * WL 43425

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1600 mg/kg FMCHA2 -,C58,83

UE8930000 PROPIONIC ACID, 2-(p-(6-CHLORO-2H-INDAZOL-2-YL)PHENYL)-

UPDT:8303 MW: 300.76 MOLFM: C16-H13-Cl-N2-O2

SYN: 2-(p-(6-CHLORO-2H-INDAZOL-2-YL)PHENYL)PROPIONIC ACID * M.G. 18827

TOXICITY DATA AND REFERENCES:

3F05F11F19 ipr-mus LD50:240 mg/kg FRPSAX 36,1037,81

UE8940000 PROPIONIC ACID, 2-(3-CHLORO-p-(2H-INDAZOL-2-YL)PHENYL)-

UPDT:8303 MW: 300.76 MOLFM: C16-H13-Cl-N2-O2

SYN: 2-(3-CHLORO-p-(2H-INDAZOL-2-YL)PHENYL)PROPIONIC ACID * M.G. 18822

TOXICITY DATA AND REFERENCES:

3F05F11F19	ipr-mus LD50:250 mg/kg	FRPSAX 36,1037,81

UE8945000 PROPIONIC ACID, 2-(3-CHLORO-4-ISOBUTYLPHENYL)-

UPDT:8309 CAS: 58880-41-4 MW: 240.75 MOLFM: C13-H17-Cl-O2

SYN: BENZENEACETIC ACID, 3-CHLORO-alpha-METHYL-4-(2-METHYLPROPYL)- * 2-(3-CHLORO-4-ISOBUTYLPHENYL)PROPIONIC ACID * TAI 255

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:500 mg/kg	TAKHAA 34,467,75

UE8947000 PROPIONIC ACID, 2-CHLORO-, ISOPROPYL ESTER

UPDT:8403

SYN: 2-CHLOROPROPIONIC ACID ISOPROPYL ESTER * ISOPROPYL 2-CHLOROPROPIONATE (DOT) * UN 2934 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.102,83

UE9100000 PROPIONIC ACID, 2-CHLORO-, METHYL ESTER

UPDT:7908 CAS: 17639-93-9 MW: 122.56 MOLFM: C4-H7-Cl-O2

SYN: METHYL 2-CHLOROPROPANOATE * METHYL-2-CHLOROPROPIONATE (DOT) * UN 2933 (DOT)

TOXICITY DATA AND REFERENCES:

	ipr-mus LDLo:250 mg/kg	CBCCT* 6,228,54

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

PROPIONIC ACID, 2-(4-CHLORO-2-METHYLPHENOXY) see: UE9750000

UE9458000 PROPIONIC ACID, 2-(p-CHLOROPHENOXY)-2-METHYL-, ESTER with 4-HYDROXY-N,N-DIMETHYLBUTYRAMIDE

UPDT:8306 CAS: 26717-47-5 MW: 327.84 MOLFM: C16-H22-Cl-N-O4

SYN: BUTYRAMIDE, N-DIMETHYL-4-(p-CHLOROPHENOXYISOBUTYRATE) * CHLORO-4 PHENOXYISOBUTYRATE D'HYDROXY-4 N-DIMETHYLBUTYRAMIDE (French) * N-DIMETHYL-4-(p-CHLOROPHENOXY-1,1'-DIMETHYLACETATE)BUTYRAMIDE * N-DIMETHYL-4-(1,4-CHLOROPHENOXY-1,1'-DIMETHYLACETATE)BUTYRAMIDE * N-DIMETHYL-4-(p-CHLOROPHENOXYISOBUTYRATE)BUTYRAMIDE * N-DIMETHYL-4-(1,4-CHLOROPHENOXYISOBUTYRATE)BUTYRAMIDE * 4-HYDROXY-N-DIMETHYLBUTYRAMIDE-4-CHLOROPHENOXY-ISOBUTYRATE * LIPENAN * MG 46 * PROPIONIC ACID, 2-(4-CHLOROPHENOXY)-2-METHYL-, 4-(DIMETHYLAMINO)-4-OXOBUTYL ESTER (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T71	orl-rat TDLo:14 gm/kg (7D male/7D pre/1-22D preg)	JETOAS 5,239,72

TOXICITY DATA AND REFERENCES:

3F23J24J25	orl-rat LD50:2485 mg/kg	JETOAS 5,239,72
3F23J24J25	ipr-rat LD50:1175 mg/kg	JETOAS 5,239,72
3F23J24J25	orl-mus LD50:1080 mg/kg	JETOAS 5,239,72
3F23J24J25	ipr-mus LD50:960 mg/kg	JETOAS 5,239,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE9480000 PROPIONIC ACID, 2-(p-CHLOROPHENOXY)-2-METHYL-, ETHYL ESTER

UPDT:8412 CAS: 637-07-0 MW: 242.72 MOLFM: C12-H15-Cl-O3

SYN: AMOTRIL * AMOTRIL S * ANGIOKAPSUL * ANPARTON * ANTILIPID * ANTILIPIDE * APOLAN * ARTERIOFLEXIN * ARTES * ARTEROSOL * ARTEVIL * ATECULON * ATERIOSAN * ATHEBRATE * ATHEROMIDE * ATHEROPRONT * ATHRANID-WIRKSTOFF * ATROLEN * ATROMID * ATROMIDA * ATROMIDIN * ATROMID S * ATROVIS * AY 61123 * AZIONYL * BIOSCLERAN * BRESIT * CARTAGYL * alpha-p-CHLOROPHENOXYISOBUTYRYL ETHYL ESTER * 2-(4-CHLOROPHENOXY)-2-METHYLPROPANOIC ACID ETHYL ESTER * 2-(p-CHLOROPHENOXY)-2-METHYLPROPIONIC ACID ETHYL ESTER * CINNARIZIN * CITIFLUS * CLARIPEX * CLARIPEX CPIB * CLOBERAT * CLOBRAT * CLOBREN-SF * CLOFAR * CLOFIBRAM * CLOFIBRAT * CLOFIBRATE * CLOFIBRATO (Spanish) * CLOFINIT * CLOFIPRONT * CPIB * DELIVA * DURA CLOFIBRAT * ELPI * EPIB * ETHYL-alpha-p-CHLOROPHENOXY-ISOBUTYRATE * ETHYL CHLOROPHENOXYISOBUTYRATE * ETHYL alpha-(4-CHLOROPHENOXY)ISOBUTYRATE * ETHYL para-CHLOROPHENOXYISOBUTYRATE * ETHYL 2-(p-CHLOROPHENOXY)ISOBUTYRATE * ETHYL alpha-(p-CHLOROPHENOXY)-alpha-METHYLPROPIONATE * ETHYL alpha-(4-CHLOROPHENOXY)-alpha-METHYLPROPIONATE * ETHYL 2-(p-CHLOROPHENOXY)-2-METHYLPROPIONATE * ETHYL 2-(4-CHLOROPHENOXY)-2-METHYLPROPIONATE * ETHYL CLOFIBRATE * FIBRALEM * GERASTOP * HYCLORATE * ICI 28257 * KLOFIRAN * LEVATROM * LIPAMID * LIPAVIL * LIPAVLON * LIPIDE 500 * LIPIDSENKER * LIPOFACTON * LIPOMID * LIPONORM * LIPOREDUCT * LIPORIL * LIPOSID * LIPRIN * LIPRINAL * LOBETRIN * MISCLERON * NEGALIP * NEO-ATOMID * NEO-ATROMID * NORMALIP * NORMAT * NORMET * NORMOLIPOL * NSC-79389 * OXAN 600 * PERSANTINAT * PROPANOIC ACID, 2-(4-CHLOROPHENOXY)-2-METHYL-, ETHYL ESTER * PROPIONIC ACID, 2-(4-CHLOROPHENOXY)-2-METHYL-, ETHYL ESTER * RECOLIP * REGARDIN * REGELAN * REGELAN N * ROBIGRAM * SCROBIN * SEROFINEX * SEROTINEX * SKEROLIP * SKLEROMEX * SKLEROMEXE * SKLERO-TABLINEN * SKLERO-TABULS * TICLOBRAN * VINCAMIN COMPOSITUM * XYDURIL * YOCLO

MUTATION DATA AND REFERENCES:

	dni-mus:oth 40 umol/L	CNREA8 40,36,80
	sce-ham:ovr 100 umol/L/1H	CRNGDP 5,703,84

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T81	orl-rat TDLo:1050 mg/kg (16-22D preg)	ARTODN (Suppl 4),463,80
1T83	orl-rat TDLo:14 gm/kg (2W pre-3W post)	BCPCA6 27,2063,78
1T34	orl-rat TDLo:5 gm/kg (6-15D preg)	ARZNAD 31,1831,81
1T03	orl-rat TDLo:3960 mg/kg (22D male)	PSEBAA 160,405,79
1T83	scu-mus TDLo:960 mg/kg (17D preg)	HCMYAL 63,7,79
1T39	par-mus TDLo:1440 mg/kg (14-17D preg)	JCLBA3 79,209A,78
2T25T35	orl-rbt TDLo:1300 mg/kg (6-18D preg)	ARZNAD 31,1831,81

TUMORIGENIC DATA AND REFERENCES:

3V03K60L60	orl-rat TDLo:100 gm/kg/72W-C	CNREA8 39,3419,79

TOXICITY DATA AND REFERENCES:

2F18F23	orl-wmn TDLo:90 mg/kg	AJCDAG 30,572,72
2F18F23	orl-man TDLo:200 mg/kg	AJCDAG 30,572,72
3F12F19K12	orl-rat LD50:940 mg/kg	AFTOD7 6,255,80
	ipr-rat LD50:910 mg/kg	JETOAS 5,239,72
*	scu-rat LD50:2000 mg/kg	NIIRDN 6,367,82
*	ivn-rat LD50:15 mg/kg	NIIRDN 6,367,82
*	orl-mus LD50:1280 mg/kg	ARZNAD 27,1173,77
*	ipr-mus LD50:540 mg/kg	ARZNAD 31,1816,81
*	scu-mus LD50:2000 mg/kg	NIIRDN 6,367,82
*	ivn-mus LD50:30 mg/kg	NIIRDN 6,367,82
*	ipr-dog LD50:500 mg/kg	NIIRDN 6,367,82
*	scu-dog LD50:500 mg/kg	NIIRDN 6,367,82
	orl-rbt LD50:1370 mg/kg	DRFUD4 4,140,79
	orl-gpg LD50:1280 mg/kg	DRFUD4 4,140,79
*	orl-ham LD50:2400 mg/kg	ARZNAD 31,1316,81
*	ipr-ham LD50:1260 mg/kg	ARZNAD 31,1816,81
	orl-mam LD50:3 gm/kg	DRFUD4 4,140,79

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED	IARC** 24,39,80
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE	IARC** 24,39,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROPIONIC ACID, 2-(4-CHLOROPHENOXY)-2-METHYL-, ETHYL ESTER see: UE9480000

UE9503000 PROPIONIC ACID, 2-(p-CHLOROPHENOXY)-2-METHYL-, (6-(HYDROXYMETHYL)-2-PYRIDINYL)METHYL ESTER, HYDROCHLORIDE

UPDT:8403 CAS: 21550-30-1 MW: 372.27 MOLFM: C17-H18-Cl-N-O4 Cl-H

SYN: BRATENOL * 2-(p-CHLOROPHENOXY)-2-METHYLPROPIONIC ACID (6-(HYDROXYMETHYL)-2-PYRIDINYL)METHYL ESTER HCl * alpha-2-(4-CLOROFENOXI)-2-METIL-PROPIONATO de (6-(HIDROXIMETIL)-2-PIRIDINIL)-METIL HCl * EL-466 HYDROCHLORIDE * PIRIFIBRATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F13F19	orl-rat LD50:1250 mg/kg	AFTOD7 6,255,80

UE9504000 PROPIONIC ACID, 2-(4-CHLOROPHENOXY)-2-METHYL-, 4-HYDROXY-3-SULFOPHENYL ESTER, CALCIUM SALT (2:1)

UPDT:8312 CAS: 59687-37-5 MW: 813.72 MOLFM: C32-H30-Cl2-O14-S2 Ca

SYN: 2-(4-CHLOROPHENOXY)-2-METHYLPROPIONIC ACID 4-HYDROXY-3-SULFOPHENYL ESTER CALCIUM SALT (2:1)

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:4500 mg/kg	EJMCA5 11,43,76

UE9504500 PROPIONIC ACID, 2-(4-CHLOROPHENOXY)-2-METHYL-, 4-HYDROXY-3-SULFOPHENYL ESTER, compd. with PIPERAZINE (1:1)

UPDT:8312 CAS: 58357-69-0 MW: 472.98 MOLFM: C16-H15-Cl-O7-S C4-H10-N2

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:4300 mg/kg	EJMCA5 11,43,76

UE9516000 PROPIONIC ACID, 2-(4-CHLOROPHENOXY)-2-METHYL-, 2-SULFO-1,4-PHENYLENE ESTER, compd. with DIPROPYLAMINE (1:1)

UPDT:8312 CAS: 59687-40-0 MW: 684.68 MOLFM: C26-H24-Cl2-O9-S C6-H15-N

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:6200 mg/kg	EJMCA5 11,43,76

UE9516200 PROPIONIC ACID, 2-(4-CHLOROPHENOXY)-2-METHYL-, 2-SULFO-1,4-PHENYLENE ESTER, compd. with MORPHOLINE (1:1)

UPDT:8312 CAS: 59687-42-2 MW: 670.60 MOLFM: C26-H24-Cl2-O9-S C4-H9-N-O

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:4400 mg/kg	EJMCA5 11,43,76

UE9516300 PROPIONIC ACID, 2-(4-CHLOROPHENOXY)-2-METHYL-, 2-SULFO-1,4-PHENYLENE ESTER, compd. with PIPERAZINE (1:1)

UPDT:8312 CAS: 58357-73-6 MW: 669.62 MOLFM: C26-H24-Cl2-O9-S C4-H10-N2

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:11 gm/kg	EJMCA5 11,43,76

UE9516500 PROPIONIC ACID, 2-(4-CHLOROPHENOXY)-2-METHYL-, 2-(1,2,3,6-TETRAHYDRO-1,3-DIMETHYL-2,6-DIOXO- 7H-PURIN-7-YL) ETHYL ESTER

UPDT:8403 CAS: 54504-70-0 MW: 420.89 MOLFM: C19-H21-Cl-N4-O5

SYN: DUOLIP * ETOFYLLINE CLOFIBRATE * ETOFYLLINCLOFIBRAT (German) * ML 1024 * THEOFIBRATE * 1-(THEOPHYLLIN-7-YL)-ETHYL-2-((2-(p-CHLOROPHENOXY)-2-METHYLPROPIONATE)) * 1-(THEOPHYLLIN-7-YL) AETHYL-2-((2-(p-CHLORPHENOXY)-2-METHYLPROPIONAT)) (German)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T31T19U01	orl-rat TDLo:5500 mg/kg (5-15D preg)	ARZNAD 30,2023,80
1T34	orl-rat TDLo:5500 mg/kg (5-15D preg)	ARZNAD 30,2023,80
2T29T24	orl-rat TDLo:5500 mg/kg (5-15D preg)	ARZNAD 30,2023,80
2T34T46	orl-rat TDLo:7500 mg/kg (6-15D preg)	ARZNAD 27,1173,77
2T31T34	orl-rbt TDLo:7800 mg/kg (6-18D preg)	ARZNAD 27,1173,77

TOXICITY DATA AND REFERENCES:

1L30	orl-rat LD50:17000 mg/kg	ARZNAD 30,2023,80
1L30	ipr-rat LD50:2830 mg/kg	ARZNAD 30,2023,80
1L30	orl-mus LD50:11700 mg/kg	ARZNAD 30,2023,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE9520000 PROPIONIC ACID, 2-(4-(4'-CHLOROPHENOXY)PHENOXY)-, ISOBUTYL ESTER

UPDT:8309 CAS: 51337-71-4 MW: 348.85 MOLFM: C19-H21-Cl-O4

SYN: ALOPEX * 2-(4-(4-CHLOROPHENOXY) PHENOXY)ISOBUTYLPROPIONATE * CLOFOP-ISOBUTYL * HOE22870

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:723 mg/kg	FMCHA2 -,C11,83

UE9620000 PROPIONIC ACID, 2-CHLORO-, SODIUM SALT

UPDT:8305 MW: 131.52 MOLFM: C3-H5-Cl-O2 Na

SYN: 2-CHLOROPROPANOIC ACID SODIUM SALT * 2-CHLOROPROPIONATE SODIUM SALT * alpha-CHLOROPROPIONIC ACID SODIUM SALT * 2-CHLOROPROPIONIC ACID SODIUM SALT * SODIUM 2-CHLOROPROPIONATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-mus TDLo:44 gm/kg (84D male)	JPETAB 222,501,82

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1671 mg/kg	JPETAB 222,501,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE9750000 PROPIONIC ACID, 2-((4-CHLORO-o-TOLYL)OXY)-

UPDT:8407 CAS: 93-65-2 MW: 214.66 MOLFM: C10-H11-Cl-O3

SYN: ACIDE 2-(4-CHLORO-2-METHYL-PHENOXY)PROPIONIQUE (French) * ACIDO 2-(4-CLORO-2-METIL-FENOSSI)-PROPIONICO (Italian) * BH MECOPROP * 2-(4-CHLOOR-2-METHYL-FENOXY)-PROPIONZUUR (Dutch) * 2-(4-CHLOR-2-METHYL-PHENOXY)-PROPIONSAEURE (German) * 2-(4-CHLORO-2-METHYLPHENOXY)PROPANOIC ACID * 4-CHLORO-2-METHYLPHENOXY-alpha-PROPIONIC ACID * (+)-alpha-(4-CHLORO-2-METHYLPHENOXY) PROPIONIC ACID * 2-(4-CHLORO-2-METHYLPHENOXY)PROPIONIC ACID * 2-(4-CHLOROPHENOXY-2-METHYL)PROPIONIC ACID * 2-(p-CHLORO-o-TOLYLOXY)PROPIONIC ACID * CHIPCO TURF HERBICIDE MCPP * CMPP * COMPITOX * FBC CMPP * HEDONAL MCPP * ISO-CORNOX * KILPROP * LIRANOX * 2M-4CP * MCPP * 2-MCPP * MCPP 2,4-D * MCPP-D-4 * MCPP-K-4 * MECOMEC * MECOPEOP * MECOPER * MECOPEX * MECOPROP * MECOTURF * MECPROP * MEPRO * METHOXONE * alpha-(2-METHYL-4-CHLOROPHENOXY)PROPIONIC ACID * 2-(2-METHYL-4-CHLOROPHENOXY)PROPIONIC ACID * 2-METHYL-4-CHLOROPHENOXY-alpha-PROPIONIC ACID * 2M-4KHP * N.B. MECOPROP * PROPAL * PROPANOIC ACID, 2-(4-CHLORO-2-METHYLPHENOXY)- * PROPIONIC ACID, 2-(4-CHLORO-2-METHYLPHENOXY) * PROPIONIC ACID, 2-(2-METHYL-4-CHLOROPHENOXY)- * PROPONEX-PLUS * RANKOTEX * RUNCATEX * RD 4593 * U 46 * U 46 KV-ESTER * U 46 KV-FLUID * VI-PAR * VI-PEX

MUTATION DATA AND REFERENCES:

	mrc-smc 742 ppm	MUREAV 21,83,73
	dns-mus-orl 100 mg/kg	MUREAV 55,197,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T24T25T46	orl-mus TDLo:7 gm/kg (6-15D preg)	ARZNAD 33,1479,83
1T34	orl-mus TDLo:3 gm/kg (6-15D preg)	ARZNAD 33,1479,83
1T43	orl-mus TDLo:5 gm/kg (6-15D preg)	ARZNAD 33,1479,83

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:650 mg/kg	WRPCA2 9,119,70
	ipr-rat LD50:402 mg/kg	TXCYAC 3,349,75
*	orl-mus LD50:650 mg/kg	FMCHA2 -,C164,83
	unk-mus LD50:650 mg/kg	30ZDA9 -,173,71
	skn-rbt LD50:900 mg/kg	PCOC** -,683,66

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: DTTIAF 80(20),485,73

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UE9755000 PROPIONIC ACID, 2-((4-CHLORO-o-TOLYL)OXY)-, (+)-

UPDT:8406 CAS: 16484-77-8 MW: 214.66 MOLFM: C10-H11-Cl-O3

SYN: 2M-4XP * PROPANOIC ACID, 2-(4-CHLORO-2-METHYLPHENOXY)-, (R)- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T24T25T43	orl-mus TDLo:5 gm/kg (6-15D preg)	ARZNAD 33,1479,83
1T34	orl-mus TDLo:3 gm/kg (6-15D preg)	ARZNAD 33,1479,83
1T46	orl-mus TDLo:4 gm/kg (6-15D preg)	ARZNAD 33,1479,83

TOXICITY DATA AND REFERENCES:

2M30P30	ipr-rat LD50:680 mg/kg	ZDBEA9 23(11),93,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UF0175000 PROPIONIC ACID, 2-((4-CHLORO-o-TOLYL)OXY)-, compd. with 2,2'-IMINODIETHANOL (1:1)

UPDT:8305 CAS: 1432-14-0 MW: 319.82 MOLFM: C10-H11-Cl-O3 C4-H11-N-O2

SYN: ETHANOL, 2,2-IMINODI-, compd. with 2-((4-CHLORO-o-TOLYL)OXY)PROPIONIC ACID (1:1) * MECOPROP DIETHANOLAMINE SALT * 2-(2-METHYL-4-CHLOROPHENOXY)PROPIONIC ACID, DIETHANOLAMINE SALT

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1060 mg/kg FCTXAV 3,883,65
* ipr-rat LD50:350 mg/kg FCTXAV 3,883,65
* orl-mus LD50:600 mg/kg FCTXAV 3,883,65
* ipr-mus LD50:400 mg/kg FCTXAV 3,883,65

UF0250000 PROPIONIC ACID, 2-((4-CHLORO-o-TOLYL)OXY)-, POTASSIUM SALT

UPDT:8309 CAS: 1929-86-8 MW: 168.10 MOLFM: C10-H10-Cl-O3 .K

SYN: 2-((4-CHLORO-o-TOLYL)OXY)PROPIONIC ACID POTASSIUM SALT * HEDONAL MCPP * MCPP POTASSIUM SALT * MECOPEX * MECOPROP POTASSIUM SALT * METHOXONE M * PROPANOIC ACID, 2-(4-CHLORO-2-METHYLPHENOXY)-, POTASSIUM SALT (9CI) * SYS 67MPROP * VI-PEX

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:930 mg/kg FMCHA2 -,C147,83

UF0350000 PROPIONIC ACID, 2-((4-CHLORO-o-TOLYL)OXY)-, SODIUM SALT

UPDT:8305 CAS: 19095-88-6 MW: 236.64 MOLFM: C10-H10-Cl-O3 .Na

SYN: MECOPROP SODIUM SALT * 2-(2-METHYL-4-CHLOROPHENOXY)PROPIONIC ACID, SODIUM SALT

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:500 mg/kg FCTXAV 3,883,65
* orl-mus LD50:650 mg/kg FCTXAV 3,883,65
* ipr-mus LD50:600 mg/kg FCTXAV 3,883,65

PROPIONIC ACID, CINNAMYL ESTER see: GE2360000

UF0654000 PROPIONIC ACID, 2-(p-CYCLOHEXYLPHENYL)-

UPDT:8405 CAS: 24645-20-3 MW: 232.35 MOLFM: C15-H20-O2

SYN: BENZENEACETIC ACID, 4-CYCLOHEXYL-alpha-METHYL- (9CI) * BTS 13622 * HEXAPROFEN * UR 336

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:282 mg/kg ARZNAD 28,1714,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UF0690000 PROPIONIC ACID, 2,2-DICHLORO-

UPDT:8403 CAS: 75-99-0 MW: 142.97 MOLFM: C3-H4-Cl2-O2

SYN: BASFAPON * BASFAPON B * BASFAPON/BASFAPON N * BH DALAPON * BASINEX * CRISAPON * DALAPON * DALAPON 85 * DED-WEED * DEVIPON * 2,2-DICHLOROPROPANOIC ACID * alpha-DICHLOROPROPIONIC ACID * alpha,alpha-DICHLOROPROPIONIC ACID * 2,2-DICHLOROPROPIONIC ACID * 2,2-DICHLOROPROPIONIC ACID (DOT) * DOWPON * DOWPON M * GRAMEVIN * KENAPON * LIROPON * NA 1760 (DOT) * PROPROP * RADAPON * REVENGE * UNIPON

IRRITATION DATA AND REFERENCES:
skn-rbt 100 ug/24H open AIHAAP 23,95,62

MUTATION DATA AND REFERENCES:
mmo-omi 500 ppm IJEBA6 11,114,73

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:970 mg/kg FMCHA2 -,C69,83

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 53,109,74; DTTIAF 80(20),485,73
★ TLV-TWA 1 ppm DTLVS* 4,134,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

PROPIONIC ACID 3,4-DICHLOROANILIDE see: UE4900000

UF0950000 PROPIONIC ACID, 2,3-DICHLORO-2-METHYL-, SODIUM SALT

UPDT:8309 CAS: 1899-36-1 MW: 178.98 MOLFM: C4-H5-Cl2-O2 .Na

SYN: DCIB * 2,3-DICHLORO-2-METHYLPROPIONIC ACID, SODIUM SALT * FW 450 * GAMETOCIDE * MENDOK * SODIUM alpha,beta-DICHLOROISOBUTYRATE * SODIUM 2,3-DICHLOROISOBUTYRATE * SODIUM 2,3-DICHLORO-2-METHYLPROPIONATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8000 mg/kg FMCHA2 -,C149,83

UF1050000 PROPIONIC ACID, 2-(2,4-DICHLOROPHENOXY)-

UPDT:8406 CAS: 120-36-5 MW: 235.07 MOLFM: C9-H8-Cl2-O3

SYN: ACIDE 2-(2,4-DICHLORO-PHENOXY) PROPIONIQUE (French) * ACIDO 2-(2,4-DICLORO-FENOSSI)-PROPIONICO (Italian) * BH 2,4-DP * CORNOX RD * CORNOX RK * DESORMONE * 2-(2,4-DICHLOOR-FENOXY)-PROPIONZUUR (Dutch) * alpha-(2,4-DICHLOROPHENOXY) PROPIONIC ACID * 2-(2,4-DICHLOROPHENOXY) PROPIONIC ACID * DICHLOROPROP * 2-(2,4-DICHLOR-PHENOXY)-PROPIONSAEURE (German) * DICHLORPROP * 2,4-DP * 2-(2,4-DP) * HEDONAL * HEDONAL DP * HORMATOX * KILDIP * POLYCLENE * POLYMONE * POLYTOX * RD 406 * SERITOX 50 * U46 * U46 DP-FLUID * VISKO-RHAP * WEEDONE DP * WEEDONE 170

MUTATION DATA AND REFERENCES:
mmo-smc 700 mg/L ZAPOAK 9,483,69

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T24T24T43 orl-mus TDLo:4 gm/kg (6-15D preg) ARZNAD 33,1479,83
1T34 orl-mus TDLo:3 gm/kg (6-15D preg) ARZNAD 33,1479,83
1T46 orl-mus TDLo:4 gm/kg (6-15D preg) ARZNAD 33,1479,83

TOXICITY DATA AND REFERENCES:
orl-rat LD50:800 mg/kg WRPCA2 9,119,70
skn-rat LD50:1400 mg/kg WRPCA2 9,119,70
orl-mus LD50:400 mg/kg PCOC** -,369,66
skn-mus LD50:1400 mg/kg 28ZEAL 5,76,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DTTIAF 80(20),485,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UF1100000 PROPIONIC ACID, 2-(2,4-DICHLOROPHENOXY)-, (+)-

UPDT:8406 MW: 235.07 MOLFM: C9-H8-Cl2-O3

SYN: (+)-2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID * (+)-2-(2,4-DICHLORPHENOXY)PROPIONSAEURE (German)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T24T25T43 orl-mus TDLo:4 gm/kg (6-15D preg) ARZNAD 33,1479,83
2T34T46 orl-mus TDLo:3 gm/kg (6-15D preg) ARZNAD 33,1479,83
1T41 orl-mus TDLo:5 gm/kg (6-15D preg) ARZNAD 33,1479,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UF1150000 PROPIONIC ACID, 2-(2,5-DICHLOROPHENOXY)-

UPDT:8401 CAS: 6965-71-5 MW: 235.07 MOLFM: C9-H8-Cl2-O3

SYN: alpha-(2,5-DICHLOROPHENOXY)PROPIONIC ACID * 2-(2,5-DICHLOROPHENOXY)PROPIONIC ACID

TUMORIGENIC DATA AND REFERENCES:
[illegible]60P60 scu-mus TDLo:100 mg/kg NTIS** PB223-159

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UF1180000 PROPIONIC ACID, 2-(4-(2,4-DICHLOROPHENOXY)PHENOXY)-, METHYL ESTER

UPDT:8309 CAS: 51338-27-3 MW: 341.20 MOLFM: C16-H14-Cl2-O4

SYN: 2-(4-(2,4-DICHLOROPHENOXY)PHENOXY)-METHYL-PROPIONATE * DICLOFOP-METHYL * HOE 23408 * HOEGRASS * HOELON * HOELON 3EC * ILLOXAN * ILOXAN * METHYL 2-(4-(2,4-DICHLOROPHENOXY)PHENOXY)PROPIONATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:563 mg/kg FMCHA2 -,C127,83

UF1225000 PROPIONIC ACID, 2,2-DICHLORO-,SODIUM SALT

UPDT:8403 CAS: 127-20-8 MW: 164.95 MOLFM: C3-H3-Cl2-O2 .Na

SYN: BASFAPON B * DALAPON * DALAPON SODIUM * DALAPON SODIUM SALT * 2,2-DICHLOROPROPIONIC ACID, SODIUM SALT * alpha-alpha-DICHLOROPROPIONIC ACID SODIUM SALT * 2,2-DPA * DOWPON * GRAMEVIN * NATRIUMSALZ DER 2,2-DICHLORPROPIONSAURE * RADAPON * SODIUM DALAPON * SODIUM alpha,alpha-DICHLOROPROPIONATE * SODIUM 2,2-DICHLOROPROPIONATE * UNIPON

MUTATION DATA AND REFERENCES:
cyt-mus-unk 200 mg/kg TGANAK 16(1),45,82

TOXICITY DATA AND REFERENCES:
orl-rat LD50:3860 mg/kg WRPCA2 9,119,70
* unk-mus LD50:3650 mg/kg TGANAK 16(1),45,82
orl-rbt LD50:3400 mg/kg 85DPAN -,-,71/76
orl-gpg LD50:3400 mg/kg 85DPAN -,-,71/76
* orl-ckn LD50:5600 mg/kg DOEAAH 35,25,79

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 53,109,74; DTTIAF 80(20),485,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

UF1400000 PROPIONIC ACID, 2,2-DICHLORO-, 2-(2,4,5-TRICHLOROPHENOXY)ETHYL ESTER

UPDT:8407 CAS: 136-25-4 MW: 366.45 MOLFM: C11-H9-Cl5-O3

SYN: BARON * 2,2-DICHLOROPROPIONIC ACID, 2-(2,4,5-TRICHLOROPHENOXY)ETHYL ESTER * ERBN * ERBON * ETHANOL, 2-(2,4,5-TRICHLOROPHENOXY)-, 2,2-DICHLOROPROPIONATE * NOVEGE * NOVON * PENTANATE * 2-(2,4,5-TRICHLOROPHENOXY)ETHYL 2,2-DICHLOROPROPIONATE * 2,4,5-TRICHLOROPHENOXYETHYL-alpha,alpha-DICHLOROPROPIONATE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1000 mg/kg FMCHA2 -,C97,83
unk-rat LD50:1900 mg/kg HYSAAV 34(4-6),174,69
unk-mus LD50:912 mg/kg HYSAAV 34(4-6),174,69
unk-rbt LD50:2193 mg/kg HYSAAV 34(4-6),174,69
unk-gpg LD50:2600 mg/kg HYSAAV 34(4-6),174,69
orl-ckn LD50:3170 mg/kg PCOC** -,484,66
unk-mam LD50:700 mg/kg 30ZDA9 -,122,71

UF1514000 PROPIONIC ACID, 2-((DIETHYLAMINO)METHYL)-, METHYL ESTER, HYDROBROMIDE

UPDT:8403 MW: 254.21 MOLFM: C9-H19-N-O2 .Br-H

SYN: 2-((DIETHYLAMINO)METHYL)PROPIONIC ACID METHYL ESTER HYDROBROMIDE

TOXICITY DATA AND REFERENCES:
3E16F02F11 ipr-mus LD50:2000 mg/kg PCJOAU 17,127,83

UF1520000 PROPIONIC ACID, 2-((2',4'-DIFLUORO-4-BIPHENYLYL)OXY)-

UPDT:8305 MW: 278.27 MOLFM: C15-H12-F2-O3

SYN: 2-(4-(2',4'-DIFLUOROPHENYL)PHENYLOXY)PROPIONIC ACID * 2-(4-(2',4'-DIFLUORPHENYL)PHENOXY)PROPIONSAUPE (German) * MR 714

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:848 mg/kg ARZNAD 33,198,83

UF1545000 PROPIONIC ACID, 2-(1,6-DIHYDRO-4-METHYL-6-OXO-2-PYRIMIDINYLTHIO)-2-METHYL-, SODIUM SALT

UPDT:8308 MW: 250.27 MOLFM: C9-H11-N2-O3-S .Na

SYN: 2-(1,6-DIHYDRO-4-METHYL-6-OXO-2-PYRIMIDINYLTHIO)-2-METHYLPROPIONIC ACID SODIUM SALT * SALE SODICO del L'ACIDO 6-METIL-4-OSSIPIRIMIDIN-2-alpha-TIOISOBUTIRRICO (Italian)

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:6500 mg/kg FSTEAI 7,313,52

PROPIONIC ACID, 3-(3,5-DIIODO-4-HYDROXYPHENYL)-2-PHENYL- see: MW5150000

PROPIONIC ACID, 2,2-DIMETHYL- see: TO7700000

UF1935000 PROPIONIC ACID, 2-((DIMETHYLAMINO)METHYL)-, METHYL ESTER, HYDROBROMIDE

UPDT:8403 MW: 226.15 MOLFM: C7-H15-N-O2 .Br-H

SYN: 2-((DIMETHYLAMINO)METHYL)PROPIONIC ACID METHYL ESTER HYDROBROMIDE

TOXICITY DATA AND REFERENCES:
3E08F11K01 ipr-mus LD50:800 mg/kg PCJOAU 17,127,83

PROPIONIC ACID, alpha-(2-DIMETHYLAMINO-1-METHYL)-alpha-PHENYLPHENETHYL ESTER see: EL2975000

UF2005000 PROPIONIC ACID, alpha,alpha-DIMETHYL-2-(6-METHOXYNAPHTHYL)-

UPDT:8401 CAS: 63021-00-1 MW: 258.34 MOLFM: C16-H18-O3

SYN: ACIDE DIMETHYL-ETHYL-ALLENOLIQUE ETHER METHYLIQUE (French) * DIMETHYL ETHYL ALLENOLIC ACID METHYL ETHER

TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-mus TDLo:139 mg/kg/24W-I CRSBAW 146,916,52

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROPIONIC ACID, 3,7-DIMETHYL-2,6-OCTADIEN-1-YL ESTER see: RG5927910

PROPIONIC ACID, alpha-1,3-DIMETHYL-4-PHENYL-4-PIPERIDYL ESTER see: TN7000000

PROPIONIC ACID, 1,3-DIMETHYL-4-PHENYL-4-PIPERIDYL ESTER, HYDROCHLORIDE, (+-)- see: TN7095000

PROPIONIC ACID, (4-(2,5-DIMETHYL-4-PHENYL-1-PYRROLIDINYLPROPYLPIPERIDINYL) ESTER see: TM7336000

UF2031000 PROPIONIC ACID, 3,3'-(DIOXYDICARBONYL)DI-

UPDT:8312 CAS: 123-23-9 MW: 234.18 MOLFM: C8-H10-O8

SYN: ALPHOZONE * BIS(3-CARBOXYPROPIONYL) PEROXIDE * DISUCCINIC ACID PEROXIDE, technical pure (DOT) * PEROXIDE, BIS(3-CARBOXYPROPIONYL) * SUCCINIC ACID PEROXIDE (DOT) * SUCCINIC ACID PEROXIDE, technically pure (DOT) * SUCCINIC PEROXIDE * SUCCINYL PEROXIDE * UN 2135 (DOT)

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:16 mg/kg CBCCT* 2,302,50

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UF2031100 PROPIONIC ACID, 3,3'-(DIOXYDICARBONYL)DI-, maximum concentration 72%

UPDT:8403

SYN: DISUCCINIC ACID PEROXIDE, maximum concentration 72% (DOT) * UN 2962 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.102,83

UF2032500 PROPIONIC ACID, 2,2-DIPHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER

UPDT:8405 CAS: 3563-01-7 MW: 325.49 MOLFM: C21-H27-N-O2

SYN: APROFEN * APROPHEN * 2-DIETHYLAMINOETHYL 2,2-DIPHENYLPROPIONATE * alpha,alpha-DIPHENYLPROPIONIC ACID beta-DIETHYLAMINOETHYL ESTER * alpha,alpha-DIPHENYLPROPIONIC ACID 2-DIETHYLAMINOETHYL ESTER * 2,2-DIPHENYLPROPIONIC ACID 2-DIETHYLAMINOETHYL ESTER * alpha-METHYL-alpha-PHENYLBENZENEACETIC ACID 2-(DIETHYLAMINO)ETHYL ESTER

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg PCJOAU 4,7,70
scu-mus LD50:370 mg/kg RPTOAN 31,53,68

UF2032750 PROPIONIC ACID, 2,2-DIPHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8310 CAS: 2589-00-6 MW: 361.95 MOLFM: C21-H27-N-O2 .Cl-H

SYN: APROFEN * APROFENE HYDROCHLORIDE * APROFEN HYDROCHLORIDE * APROPHEN HYDROCHLORIDE * 2,2-DIPHENYLPROPIONIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:155 mg/kg PCJOAU 4,7,70

UF2077000 PROPIONIC ACID, 3,3-DIPHENYL-, 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER, DIHYDROCHLORIDE

UPDT:8403 MW: 425.44 MOLFM: C22-H28-N2-O2 .2Cl-H

SYN: 3,3-DIPHENYLPROPIONIC ACID 2-(4-METHYL-1-PIPERAZINYL)ETHYL ESTER DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:210 mg/kg JAPMAP 46,279,57

UF2290000 PROPIONIC ACID, 3,3'-DISELENODI-, SODIUM SALT

UPDT:7901 MW: 326.06 MOLFM: C6-H9-O4-Se2 .Na

SYN: beta,beta DISELENODIPROPIONIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:

ipr-rat LDLo:25 mg(Se)/kg JPETAB 63,357,38

REVIEW AND REFERENCES:

★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

PROPIONIC ACID (DOT) see: UE5950000

PROPIONIC ACID, solution (DOT) see: UE5950000

UF2800000 PROPIONIC ACID, ETHOXY-

UPDT:8407 CAS: 1331-11-9 MW: 118.15 MOLFM: C5-H10-O3

SYN: ETHOXYPROPIONIC ACID

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open JIHTAB 30,63,48

eye-rbt 250 ug open SEV JIHTAB 30,63,48

TOXICITY DATA AND REFERENCES:

orl-rat LD50:4800 mg/kg JIHTAB 30,63,48

skn-rbt LD50:750 mg/kg JIHTAB 30,63,48

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UF3325000 PROPIONIC ACID, 3-ETHOXY-, ETHYL ESTER

UPDT:8407 CAS: 763-69-9 MW: 146.21 MOLFM: C7-H14-O3

SYN: ETHOXYPROPIONIC ACID, ETHYL ESTER * ETHYL beta-ETHOXYPROPIONATE

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51

eye-rbt 500 mg open AMIHBC 4,119,51

TOXICITY DATA AND REFERENCES:

orl-rat LD50:5000 mg/kg AMIHBC 4,119,51

* skn-rbt LD50:10 gm/kg AMIHBC 4,119,51

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UF3490000 PROPIONIC ACID, 2-((alpha-ETHYLBENZYL)OXY)-2-METHYL-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE

UPDT:8407 MW: 357.97 MOLFM: C19-H31-N-O3 Cl-H

SYN: 2-((alpha-ETHYLBENZYL)OXY)-2-METHYLPROPIONIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * SCH 1205

TOXICITY DATA AND REFERENCES:

1F12 ipr-mus LD50:300 mg/kg BCFAAI 101,354,62

UF3500000 PROPIONIC ACID, 3-(2-ETHYLBUTOXY)-

UPDT:8407 CAS: 10213-74-8 MW: 174.27 MOLFM: C9-H18-O3

SYN: 3-(2-ETHYLBUTOXY)PROPIONIC ACID

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open SEV AMIHBC 10,61,54

eye-rbt 750 ug open SEV AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:3730 mg/kg AMIHBC 10,61,54

* skn-rbt LD50:530 mg/kg AMIHBC 10,61,54

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UF3675000 PROPIONIC ACID, ETHYL ESTER

UPDT:8308 CAS: 105-37-3 MW: 102.15 MOLFM: C5-H10-O2

SYN: ETHYL PROPIONATE * ETHYL PROPIONATE (DOT) * PROPIONATE D'ETHYLE (French) * PROPIONIC ETHER * UN 1195 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD FCTXAV 16,749,78

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:1200 mg/kg FCTXAV 16,749,78

ipr-mus LD50:1300 mg/kg 14CYAT 2,1879,63

orl-rbt LD50:3500 mg/kg 14CYAT 2,1879,63

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UF3850000 PROPIONIC ACID, 3-((2-ETHYLHEXYL)OXY)-

UPDT:8407 CAS: 4126-58-3 MW: 202.33 MOLFM: C11-H22-O3

SYN: 3-(2-ETHYLHEXYLOXY)PROPIONIC ACID

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open SEV AMIHBC 10,61,54

eye-rbt 2 mg open SEV AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

orl-rat LD50:3730 mg/kg AMIHBC 10,61,54

* skn-rbt LD50:750 mg/kg AMIHBC 10,61,54

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UF4100000 PROPIONIC ACID, 3-(2'-FLUOROETHOXY)-

UPDT:8403 CAS: 353-12-8 MW: 136.14 MOLFM: C5-H9-F-O3

SYN: 2,2-DICHLOROPROPANOIC ACID 2-(2,4,5-TRICHLOROPHENOXY)ETHYL ESTER * 3-(2-FLUOROETHOXY)PROPIONIC ACID

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:70 mg/kg 30ZFAF -,140,59

PROPIONIC ACID GRAIN PRESERVER see: UE5950000

PROPIONIC ACID, 2-HYDROXY- see: OD2800000

PROPIONIC ACID, 3-HYDROXY-, beta-LACTONE see: RQ7350000

UF4894000 PROPIONIC ACID, 2-(p-(2H-INDAZOL-2-YL)PHENYL)-

UPDT:8303 MW: 266.32 MOLFM: C16-H14-N2-O2

SYN: 2-(p-(2H-INDAZOL-2-YL)PHENYL)PROPIONIC ACID * M.G. 18755

TOXICITY DATA AND REFERENCES:

3F05F11F19 orl-rat LD50:1550 mg/kg FRPSAX 36,1037,81

3F05F11F19 orl-mus LD50:1150 mg/kg FRPSAX 36,1037,81

3F05F11F19 ipr-mus LD50:435 mg/kg FRPSAX 36,1037,81

UF4894300 PROPIONIC ACID, 3-(p-(2H-INDAZOL-2-YL)PHENYL)-

UPDT:8303 MW: 266.32 MOLFM: C16-H14-N2-O2

SYN: 3-(p-(2H-INDAZOL-2-YL)PHENYL)PROPIONIC ACID * M.G. 18881

TOXICITY DATA AND REFERENCES:

3F05F11F19 ipr-mus LD50:250 mg/kg FRPSAX 36,1037,81

UF4894500 PROPIONIC ACID, 2-(p-(2H-INDAZOL-2-YL)PHENYL)-, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8303 MW: 373.92 MOLFM: C20-H23-N3-O2 Cl-H

SYN: N,N-DIMETILAMMINOETIL-2-(4-(2H-INDAZOL-2-IL)FENIL)PROPIONATO CLORIDRATO (Italian) * 2-(p-(2H-INDAZOL-2-YL)PHENYL)PROPIONIC ACID 2-(DIMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * M.G. 18873

TOXICITY DATA AND REFERENCES:

3F05F11F19 ipr-mus LD50:150 mg/kg FRPSAX 36,1037,81

UF4894600 PROPIONIC ACID, 2-(p-(2H-INDAZOL-2-YL)PHENYL)-, ETHYL ESTER

UPDT:8303 MW: 294.38 MOLFM: C18-H18-N2-O2

SYN: 2-(p-(2H-INDAZOL-2-YL)PHENYL)PROPIONIC ACID ETHYL ESTER * M.G. 18747

TOXICITY DATA AND REFERENCES:

3F05F11F19 ipr-mus LD50:500 mg/kg FRPSAX 36,1037,81

UF4894700 PROPIONIC ACID, 2-(p-(2H-INDAZOL-2-YL)PHENYL)-, HYDRAZIDE

UPDT:8303 MW: 280.36 MOLFM: C16-H16-N4-O

SYN: 2-(4-(2H-INDAZOL-2-IL)FENIL)PROPIONIDRAZIDE (Italian) * 2-(p-(2H-INDAZOL-2-YL)PHENYL)PROPIONIC ACID HYDRAZIDE * M.G. 18806

TOXICITY DATA AND REFERENCES:

3F05F11F19 ipr-mus LD50:300 mg/kg FRPSAX 36,1037,81

UF4894800 PROPIONIC ACID, 2-(p-(2H-INDAZOL-2-YL)PHENYL)-, LYSINE SALT

UPDT:8303 MW: 412.54 MOLFM: C16-H14-N2-O2 C6-H14-N2-O2

SYN: 2-(p-(2H-INDAZOL-2-YL)PHENYL)PROPIONIC ACID LYSINE SALT * M.G. 18834 * SALE DI (+-)-LISINA DELL'ACIDO 2-(4-(2H-INDAZOL-2-IL)FENIL)PROPIONICO (Italian)

TOXICITY DATA AND REFERENCES:

3F05F11F19 orl-mus LD50:2100 mg/kg FRPSAX 36,1037,81

3F05F11F19 ipr-mus LD50:560 mg/kg FRPSAX 36,1037,81

UF4894900 PROPIONIC ACID, 2-(p-(2H-INDAZOL-2-YL)PHENYL)-2-METHYL-

UPDT:8303 MW: 280.35 MOLFM: C17-H16-N2-O2

SYN: 2-(p-(2H-INDAZOL-2-YL)PHENYL)-2-METHYLPROPIONIC ACID * M.G. 18869

TOXICITY DATA AND REFERENCES:

3F05F11F19 ipr-mus LD50:500 mg/kg FRPSAX 36,1037,81

UF4900000 PROPIONIC ACID, 3-IODO-

UPDT:8401 CAS: 141-76-4 MW: 199.98 MOLFM: C3-H5-I-O2

SYN: 3-IODOPROPIONIC ACID

MUTATION DATA AND REFERENCES:

mmo-sat 50 ug/plate DHEFDK FDA-78-1046,78

TUMORIGENIC DATA AND REFERENCES:

2V03R60 skn-mus TDLo:5700 mg/kg/3W-I CNREA8 28,653,68

TOXICITY DATA AND REFERENCES:

skn-mus LDLo:1900 mg/kg CNREA8 28,653,68

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UF4930000 PROPIONIC ACID, ISOBUTYL ESTER

UPDT:8312 CAS: 540-42-1 MW: 130.21 MOLFM: C7-H14-O2

SYN: ISOBUTYL PROPIONATE * ISOBUTYL PROPIONATE (DOT) * 2-METHYLPROPYL PROPIONATE * PROPANOIC ACID, 2-METHYLPROPYL ESTER (9CI) * UN 2394 (DOT)

TOXICITY DATA AND REFERENCES:

orl-rbt LD50:5599 mg/kg IMSUAI 41,31,72

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

PROPIONIC ACID, 2-(p-ISOBUTYLPHENYL)-, 2-PYRIDYLMETHYL ESTER see: CY1678800

UF5010100 PROPIONIC ACID, 2-(p-ISOBUTYLPHENYL)-, 2-PYRIDYLMETHYL ESTER, (-)-

UPDT:8305 MW: 297.43 MOLFM: C19-H23-N-O2

SYN: (-)-2-(p-ISOBUTYLPHENYL)PROPIONIC ACID 2-PYRIDYLMETHYL ESTER * l-PIMEPROFEN

TOXICITY DATA AND REFERENCES:

3F07J25U26 scu-mus LD50:1400 mg/kg OYYAA2 23,691,82

UF5010200 PROPIONIC ACID, 2-(p-ISOBUTYLPHENYL)-, 2-PYRIDYLMETHYL ESTER, (+)-

UPDT:8305 MW: 297.43 MOLFM: C19-H23-N-O2

SYN: (+)-2-(p-ISOBUTYLPHENYL)PROPIONIC ACID 2-PYRIDYLMETHYL ESTER * d-PIMEPROFEN

TOXICITY DATA AND REFERENCES:

3F07J25U26 scu-mus LD50:1175 mg/kg OYYAA2 23,691,82

UF5140000 PROPIONIC ACID, ISOPROPYL ESTER

UPDT:8401 CAS: 637-78-5 MW: 116.18 MOLFM: C6-H12-O2

SYN: ISOPROPYL PROPIONATE * ISOPROPYL PROPIONATE (DOT) * PROPANOIC ACID, 1-METHYLETHYL ESTER (9CI) * iso-PROPYL PROPANOATE * iso-PROPYL PROPIONATE * UN 2409 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UF5250000 PROPIONIC ACID, 2-MERCAPTO-

UPDT:7908 CAS: 79-42-5 MW: 106.15 MOLFM: C3-H6-O2-S

SYN: alpha-MERCAPTOPROPANOIC ACID * alpha-MERCAPTOPROPIONIC ACID * 2-MERCAPTOPROPIONIC ACID * 2-THIOLACTIC ACID * THIOLACTIC ACID (DOT) * UN 2936 (DOT)

TOXICITY DATA AND REFERENCES:

orl-rat LDLo:50 mg/kg 14CYAT 2,1809,63

ihl-rat LCLo:700 ppm KODAK* 21MAY71

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UF5275000 PROPIONIC ACID, 2-(METHOXY-2-NAPHTHYL)-, (+)-

UPDT:8412 CAS: 22204-53-1 MW: 230.28 MOLFM: C14-H14-O3

SYN: EQUIPROXEN * FLOGINAX * (+)-6-METHOXY-alpha-METHYL-2-NAPHTHALENEACETIC ACID * (S)-6-METHOXY-alpha-METHYL-2-NAPHTHALENE ACETIC ACID * (+)-2-(METHOXY-2-NAPHTHYL)-PROPIONIC ACID * d-2-(6-METHOXY-2-NAPHTHYL)PROPIONIC ACID * d-2-(6-METHOXY-2-NAPHTHYL)-PROPIONSAEURE (German) * (+)-2-(METHOXY-2-NAPHTHYL)-PROPIONSAEURE (German) * MNPA * NAIXAN * 2-NAPHTHALENEACETIC ACID, 6-METHOXY-alpha-METHYL-(+)- * NAPROSINE * NAPROSYN * NAPROXEN * NAPRUX * NAXEN * PROXEN * RS-3540

MUTATION DATA AND REFERENCES:

dni-hmn:lym 60 ppm ARZNAD 25,288,75

dni-mus:oth 120 ppm ARZNAD 25,288,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T49T50T59 orl-wmn TDLo:20 mg/kg (30W preg) ADCHAK 54,942,79

3T74T77T83 orl-wmn TDLo:20 mg/kg (30W preg) ADCHAK 54,942,79

2T47T49 orl-wmn TDLo:120 mg/kg (28W preg) ADCHAK 54,942,79

TOXICITY DATA AND REFERENCES:

3K12K13U25 orl-wmn TDLo:20 gm/kg DMWOAX 101(39),1434,76

* orl-rat LD50:338 mg/kg NIIRDN 6,539,82

* ipr-rat LD50:354 mg/kg IYKEDH 9,829,78

* scu-rat LD50:963 mg/kg NIIRDN 6,539,82

* orl-mus LD50:825 mg/kg NIIRDN 6,539,82

* ipr-mus LD50:500 mg/ug BCFAAI 119,600,80

* scu-mus LD50:475 mg/kg OYYAA2 6,1039,72

2F12F13 ivn-mus LD50:435 mg/kg JPETAB 179,114,71

* unk-mus LD50:1234 mg/kg JCNDBK 15,311,75

* unk-dog LD50:1000 mg/kg JCNDBK 15,311,75

2F12F13 orl-ham LD50:4110 mg/kg JPETAB 179,114,71

* unk-ham LD50:4110 mg/kg JCNDBK 15,311,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UF5279000 PROPIONIC ACID, 3-(p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)-, ETHYL ESTER

UPDT:8302 MW: 442.59 MOLFM: C29-H30-O4

SYN: ETHYL 2-(p-(3,4-DIHYDRO-6-METHOXY-2-PHENYL-1-NAPHTHYL)PHENOXY)-2-METHYLPROPIONATE * 3-(p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)PROPIONIC ACID ETHYL ESTER

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24 orl-rat TDLo:350 mg/kg (1D pre/1-6D preg) JMCMAR 9,172,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROPIONIC ACID, 2-METHYL- see: NQ4375000

UF5552000 PROPIONIC ACID, 2-(4-(METHALLYLAMINO)PHENYL)-

UPDT:8303 MW: 219.31 MOLFM: C13-H17-N-O2

SYN: ACIDE (METHALLYLAMINO-4 PHENYL)-2 PROPIONIQUE (French) * 2-(4-(METHALLYLAMINO)PHENYL)PROPIONIC ACID

TOXICITY DATA AND REFERENCES:

orl-mus LD50:2400 mg/kg EJMCAS 14,207,79

UF5554000 PROPIONIC ACID, 2-(4-(METHALLYLAMINO)PHENYL)-, (-)

UPDT:8303 MW: 219.31 MOLFM: C13-H17-N-O2

SYN: 2-((-)-p-METHALLYLAMINOPHENYL)PROPIONIC ACID * 2-((-)-4-METHALLYLAMINOPHENYL)PROPIONIC ACID

TOXICITY DATA AND REFERENCES:

orl-mus LD50:3200 mg/kg EJMCAS 14,207,79

UF5556000 PROPIONIC ACID, 2-(4-(METHALLYLAMINO)PHENYL)-, (+)-

UPDT:8303 MW: 219.31 MOLFM: C13-H17-N-O2

SYN: 2-((+)-p-METHALLYLAMINOPHENYL)PROPIONIC ACID * 2-((+)-4-METHALLYLAMINOPHENYL)PROPIONIC ACID

TOXICITY DATA AND REFERENCES:

orl-mus LD50:2160 mg/kg EJMCAS 14,207,79

PROPIONIC ACID, alpha-METHYLBENZYL ESTER see: DP0620000

PROPIONIC ACID, 2-(2-METHYL-4-CHLOROPHENOXY)- see: UE9750000

PROPIONIC ACID, 2-(8-METHYL-10,11-DIHYDRO-11-OXODIBENZO(b,f)THIEPIN-2-YL)- see: HQ2525000

PROPIONIC ACID, 2-(8-METHYL-10,11-DIHYDRO-11-OXODIBENZ(b,f)OXEPIN-2-YL)- see: HQ4083000

UF5610000 PROPIONIC ACID, 2-METHYL-, 3,7-DIMETHYL-2,6-OCTADIENYL ESTER, (E)

UPDT:8305 CAS: 2345-26-8 MW: 224.38 MOLFM: C14-H24-O2

SYN: trans-3,7-DIMETHYL-2,6-OCTADIENYL ISOBUTYRATE * GERANYL ISOBUTYRATE * ISOBUTYRIC ACID, 3,7-DIMETHYL-2,6-OCTADIENYL ESTER, trans- * 2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, ISOBUTYRATE, trans- * PROPANOIC ACID, 2-METHYL-, 3,7-DIMETHYL-2,6-OCTADIENYL ESTER, (E)

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD FCTXAV 13,451,75

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

PROPIONIC ACID, 2-METHYLENE- see: OZ2975000

UF5970000 PROPIONIC ACID, METHYL ESTER

UPDT:8408 CAS: 554-12-1 MW: 88.12 MOLFM: C4-H8-O2

SYN: METHYL PROPANOATE * METHYL PROPIONATE * METHYL PROPIONATE (DOT) * METHYL PROPYLATE * PROPANOIC ACID, METHYL ESTER * PROPIONATE DE METHYLE (French) * UN 1248 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),765,82

TOXICITY DATA AND REFERENCES:

• orl-rat LD50:5 gm/kg FCTOD7 20(Suppl),765,82

• orl-mus LD50:3460 mg/kg GTPZAB 18(3),48,74

• ihl-mus LC50:27 gm/m3 GTPZAB 18(3),48,74

• orl-rbt LDLo:2550 mg/kg AMIHAB 21,100,60

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

PROPIONIC ACID, 2-METHYL-, ETHYL ESTER see: NQ4675000

UF5993000 PROPIONIC ACID, 2-METHYL-2-(1-METHYLIMIDAZOL-2-YLTHIO)-

UPDT:8303 MW: 200.28 MOLFM: C8-H12-N2-O2-S

SYN: ACIDO 1-METIL-IMIDAZOLO-2-alpha-TIOISOBUTIRRICO (Italian) * 2-METHYL-2-(1-METHYLIMIDAZOL-2-YLTHIO)PROPIONIC ACID

TOXICITY DATA AND REFERENCES:

• scu-rat LD50:1800 mg/kg FRPSAX 14,54,59

UF6060000 PROPIONIC ACID, 2-METHYL-2-(OCTYLOXY)-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE

UPDT:8407 MW: 352.02 MOLFM: C18-H37-N-O3 Cl-H

SYN: 2-METHYL-2-(OCTYLOXY)PROPIONIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * SCH 1204

TOXICITY DATA AND REFERENCES:

1F12 ipr-mus LD50:300 mg/kg BCFAAI 101,354,62

UF6080000 PROPIONIC ACID, 2-METHYL-2-((17-OXO-1,3,5(10)-ESTRATRIEN-3-YL)OXY)

UPDT:8405 MW: 355.49 MOLFM: C22-H27-O4

SYN: ACIDO 1,3,5(10)ESTRATRIENE-17-ON-3-OSSI-alpha-ISOBUTIRRICO (Italian) * 1,3,5(10)ESTRATRIENE-17-ONE-3-OXO-alpha-ISOBUTYRIC ACID * 2-METHYL-2-(17-OXO-1,3,5(10)-ESTRATRIEN-3-YL)PROPIONIC ACID

TOXICITY DATA AND REFERENCES:

• ivn-rbt LDLo:50 mg/kg FRPSAX 9,166,54

UF6125000 PROPIONIC ACID, 2-METHYL-2-(p-(1,2,3,4-TETRAHYDRO-1-NAPHTHYL)PHENOXY-

UPDT:8412 CAS: 3771-19-5 MW: 310.42 MOLFM: C20-H22-O3

SYN: CH 13-437 * CIBA 13437 SU * C 13437 SU * 2-METHYL-2-(4-(1,2,3,4-TETRAHYDRO-1-NAPHTHALENYL)PHENOXY)PROPANOIC ACID * alpha-METHYL-alpha-(p-1,2,3,4-TETRAHYDRONAPHTH-1-YLPHENOXY)PROPIONIC ACID * 2-METHYL-2-(p-(1,2,3,4-TETRAHYDRO-1-NAPHTHYL)PHENOXY,PROPIONIC ACID * 2-METHYL-2-(4-(1,2,3,4-TETRAHYDRO-1-NAPHTHYL)PHENOXY)PROPANOIC ACID * MELIPAN * NAFENOIC ACID * NAFENOPIN * SU-13437 * TPIA

MUTATION DATA AND REFERENCES:

dns-rat:lvr 10 mg/L CRNGDP 5,1033,84

dni-mus:oth 100 umol/L CNREA8 40,36,80

TUMORIGENIC DATA AND REFERENCES:

3V01K60L60 orl-rat TDLo:39 gm/kg/92W-C JNCIAM 59,1645,77

3V01J60L60 orl-mus TDLo:56 gm/kg/81W-C CNREA8 36,1211,76

3V03J60L60 orl-rat TD :33 gm/kg/78W-C CNREA8 36,1211,76

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: APLMAS 107,54,83

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 24,125,80

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 24,125,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UF6133000 PROPIONIC ACID, 2-METHYL-2-(THYMYLOXY)-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE

UPDT:8407 MW: 372.00 MOLFM: C20-H33-N-O3 Cl-H

SYN: 2-METHYL-2-(THYMYLOXY)PROPIONIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * SCH 1208

TOXICITY DATA AND REFERENCES:

1F12 ipr-mus LD50:300 mg/kg BCFAAI 101,354,62

UF6200000 PROPIONIC ACID, NEODYMIUM SALT

UPDT:8304 CAS: 28488-34-8 MW: 74.08 MOLFM: C3-H6-O2 1/3Nd

SYN: NEODYMIUM PROPIONATE * NEODYMPROPIONAT (German)

TOXICITY DATA AND REFERENCES:

scu-mus LDLo:4500 mg/kg ZGEMAZ 113,536,44

ivn-cat LDLo:50 mg/kg ZGEMAZ 113,536,44

PROPIONIC ACID, NERYL ESTER see: RG5927910

UF6220000 PROPIONIC ACID, 3-NITRO-

UPDT:8412 CAS: 504-88-1 MW: 119.09 MOLFM: C3-H5-N-O4

SYN: BNP * BOVINOCIDIN * HIPTAGENIC ACID * NCI-C03076 * beta-NITROPROPIONIC ACID * 3-NITROPROPIONIC ACID

MUTATION DATA AND REFERENCES:

mmo-sat 100 ug/plate IAPUDO 27,283,80

otr-rat:emb 970 ng/plate JJATDK 1,190,81

dns-rat:lvr 100 mg/L MUREAV 97,359,82

TUMORIGENIC DATA AND REFERENCES:

3V02K60L60 orl-rat TDLo:1870 mg/kg/2Y-I NCITR* NCI-CG-TR-52,78

TOXICITY DATA AND REFERENCES:

• ivn-mus LD50:50 mg/kg 85ERAY 2,925,78

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:RAT (NCITR* NCI-CG-TR-52,78)

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-52,78)

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROPIONIC ACID, 2-(p-(1-OXO-2-ISOINDOLINYL)PHENYL)- see: MU6645000

UF6360000 PROPIONIC ACID, 3-(3-(3-OXOMORPHOLINO)-2,4,6-TRIIODOPHENYL)-2-PHENYL-, SODIUM SALT

UPDT:8403 CAS: 21761-92-2 MW: 725.04 MOLFM: C19-H15-I3-N-O4 .Na

SYN: 3-(3-(3-OXOMORPHOLINO)-2,4,6-TRIIODOPHENYL)-2-PHENYLPROPIONIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:

• orl-mus LD50:2300 mg/kg PHARAT 30,78,75

• ivn-mus LD50:490 mg/kg PHARAT 30,78,75

UF6365000 PROPIONIC ACID, 3-(3-(2-OXOPIPERIDINO)-2,4,6-TRIIODOPHENYL)-2-PHENYL-, SODIUM SALT

UPDT:8403 CAS: 21761-90-0 MW: 723.07 MOLFM: C20-H17-I3-N-O3 .Na

SYN: 3-(3-(2-OXOPIPERIDINO)-2,4,6-TRIIODOPHENYL)-2-PHENYLPROPIONIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:

• orl-mus LD50:2150 mg/kg PHARAT 30,78,75

• ivn-mus LD50:500 mg/kg PHARAT 30,78,75

UF6370000 PROPIONIC ACID, 3-(3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODOPHENYL)-2-PHENYL-, SODIUM SALT

UPDT:8403 CAS: 21763-37-1 MW: 709.04 MOLFM: C19-H15-I3-N-O3 .Na

SYN: 3-(3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODOPHENYL)-2-PHENYLPROPIONIC ACID SODIUM SALT * 2-PHENYL-3-(3-(2-OXO-1-PYRROLIDINYL)-2,4,6-TRIIODOPHENYL)PROPIONIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:

• orl-mus LD50:1600 mg/kg PHARAT 30,78,75

• ivn-mus LD50:450 mg/kg PHARAT 30,78,75

UF6475000 PROPIONIC ACID, PENTAFLUORO-

UPDT:8412 CAS: 422-64-0 MW: 164.04 MOLFM: C3-H-F5-O2

TOXICITY DATA AND REFERENCES:

ipr-rbt LD50:68 mg/kg CBCCT* 2,299,50

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UF6476000 PROPIONIC ACID, PENTAFLUORO-, SILVER SALT

UPDT:8012 CAS: 509-09-1 MW: 270.90 MOLFM: C3-F5-O2 .Ag

SYN: PENTAFLUORPROPIONAN STRIBRNY (Czech)

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD 28ZPAK -,8,72

eye-rbt 5 mg/24H SEV 28ZPAK -,8,72

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1770 mg/kg 28ZPAK -,8,72

REVIEW AND REFERENCES:

★ TLV-TWA 10 ug(Ag)/m3 DTLVS* 4,367,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 10 ug(Ag)/m3 (SCP-N) FEREAC 39,23540,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UF6488000 PROPIONIC ACID, PHENETHYL ESTER

UPDT:8305 CAS: 122-70-3 MW: 178.25 MOLFM: C11-H14-O2

SYN: BENZYLCARBINYL PROPIONATE * ENT 18544 * PHENETHYL PROPIONATE * PROPANOIC ACID, 2-PHENYLETHYL ESTER * 2-PHENYLETHYL PROPIONATE * PROPIONIC ACID, 2-PHENYLETHYL ESTER

TOXICITY DATA AND REFERENCES:

• orl-rat LD50:4000 mg/kg FCTXAV 12,963,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UF6524000 PROPIONIC ACID, 2-PHENOXY-, alpha-((DIMETHYLAMINO)METHYL)BENZYL ESTER, HYDROCHLORIDE

UPDT:8309 MW: 349.89 MOLFM: C19-H23-N-O3 .Cl-H

SYN: 2-PHENOXYPROPIONIC ACID alpha-((DIMETHYLAMINO)METHYL)BENZYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LDLo:1000 mg/kg JACSAT 81,203,59

PROPIONIC ACID, 2-PHENOXYETHYL ESTER see: KM0900000

UF6544000 PROPIONIC ACID, 2-PHENOXY-, alpha-((ISOPROPYLMETHYLAMINO)METHYL)BENZYL ESTER, HYDROCHLORIDE

UPDT:8309 MW: 377.95 MOLFM: C21-H27-N-O3 .Cl-H

SYN: 2-PHENOXYPROPIONIC ACID alpha-((ISOPROPYLMETHYLAMINO)METHYL)BENZYL ESTER HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LDLo:750 mg/kg JACSAT 81,203,59

UF6550000 PROPIONIC ACID, 2-(3-PHENOXYPHENYL)-, CALCIUM SALT, dl-

UPDT:8403 CAS: 34597-40-5 MW: 521.84 MOLFM: C15-H13-O3 .xCa

SYN: FENOPROFEN CALCIUM

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29 orl-rbt TDLo:50 mg/kg (1D pre) FESTAS 38,238,82

TOXICITY DATA AND REFERENCES:

orl-mus LD50:800 mg/kg TXAPA9 25,444,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UF6654000 PROPIONIC ACID, 2-PHENOXY-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER

UPDT:8309 MW: 339.47 MOLFM: C21-H25-N-O3

SYN: 2-PHENOXYPROPIONIC ACID alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER * 1-PYRROLIDINEETHANOL, alpha-PHENYL-, 2-PHENOXYPROPIONATE

TOXICITY DATA AND REFERENCES:

1C17 scu-mus LDLo:450 mg/kg JACSAT 81,203,59

PROPIONIC ACID, 2-PHENYLETHYL ESTER see: UF6488000

PROPIONIC ACID, PHENYLMERCURY SALT see: OW9100000

UF7085000 PROPIONIC ACID, PROLYL-ALANYL-L-AMINOOXY-

UPDT:8305

SYN: PRO-ALA-L-AMINOOXYPROPIONIC ACID

MUTATION DATA AND REFERENCES:

mmo-omi 10 uL/plate JGMIAN 128,1357,82

UF7100000 PROPIONIC ACID, PROPYL ESTER

UPDT:8408 CAS: 106-36-5 MW: 116.18 MOLFM: C6-H12-O2

SYN: PROPYL PROPANOATE * PROPYL PROPIONATE * n-PROPYL PROPIONATE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD FCTXAV 17,899,79

TOXICITY DATA AND REFERENCES:

• ihl-mus LC50:24 gm/m3/2H 85GMAT -,104,82

orl-rbt LD50:3950 mg/kg IMSUAI 41,31,72

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UF7370000 PROPIONIC ACID, RHODIUM(II) SALT
UPDT:8211 MW: 249.07 MOLFM: C6-H10-O4 Rh
SYN: RHODIUM DIPROPIONATE * RHODIUM(II) PROPIONATE
MUTATION DATA AND REFERENCES:

	dni-mus/ast 2 mg/kg	CCROBU 59,611,75
	oms-mus/ast 2 mg/kg	CCROBU 59,611,75
	dni-mus:ast 10 umol/L	PSEBAA 145,1278,74
	dni-mus:ast 10 umol/L	PSEBAA 145,1278,74

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:4500 ug/kg	PSEBAA 145,1278,74

REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Rh)/m3 DTLVS* 4,356,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 ug(Rh)/m3 (SCP-M) FEREAC 39,23540,74

UF7400000 PROPIONIC ACID, 3-SELENINO-
UPDT:7901 CAS: 55509-78-9 MW: 185.05 MOLFM: C3-H6-O4-Se
SYN: beta-SELENINOPROPIONIC ACID
TOXICITY DATA AND REFERENCES:

	ipr-rat LDLo:25 mg(Se)/kg	JPETAB 63,357,38

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

4-S-(PROPIONIC ACID)-SULFIDOCYCLOPHOSPHAMIDE see: RP6150630
PROPIONIC ACID, TERPINEOL ESTER see: WZ6920000

UF7700000 PROPIONIC ACID, 2,3,3,3-TETRAFLUORO-, METHYL ESTER
UPDT:8405 CAS: 382-93-4 MW: 160.08 MOLFM: C4-H4-F4-O2
SYN: METHYL TETRAFLUOROPROPIONATE
TOXICITY DATA AND REFERENCES:

3F11J25U26	orl-mus LD50:10 gm/kg	TXAPA9 14,114,69
3F11J25U26	ipr-mus LD50:2750 mg/kg	TXAPA9 14,114,69

UF7772500 PROPIONIC ACID, 2,2,3,3-TETRAFLUORO-3-(TRIFLUOROMETHOXY)-, METHYL ESTER
UPDT:8407 MW: 244.08 MOLFM: C5-H3-F7-O3
SYN: PERFLUOROMETHOXYPROPIONIC ACID METHYL ESTER
TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:8000 mg/kg	GTPZAB 18(3),48,74
*	ihl-mus LC50:22 gm/m3	GTPZAB 18(3),48,74
*	ipr-mus LDLo:1000 mg/kg	GTPZAB 18(3),48,74

UF7800000 PROPIONIC ACID, 2-(p-((2-THIAZOLYL)OXY)PHENYL)-
UPDT:8412 MW: 249.30 MOLFM: C12-H11-N-O3-S
TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:135 mg/kg	ARZNAD 34,280,84
*	orl-mus LD50:660 mg/kg	ARZNAD 34,280,84

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UF8000000 PROPIONIC ACID, 3,3'-THIODI-, DIDODECYL ESTER
UPDT:83[illegible] CAS: 123-28-4 MW: 514.94 MOLFM: C30-H58-O4-S
SYN: ADVASTAB 800 * ANTIOXIDANT AS * ANTIOXIDANT LTDP * BIS(DODECYLOXYCARBONYLETHYL) SULFIDE * CARSTAB DLTDP * CYANOX LTDP * DIDODECYL 3,3'-THIODIPROPIONATE * DILAURYLESTER KYSELINY beta,beta'-THIODIPROPIONOVE (Czech) * DILAURYL beta-THIODIPROPIONATE * DILAURYL beta,beta'-THIODIPROPIONATE * DILAURYL 3,3'-THIODIPROPIONATE * DLT * DLTDP * DLTP * DMPTP * IPOGNOX 89 * IRGANOX PS 800 * LAURYL 3,3'-THIODIPROPIONATE * LUSMIT * MILBAN F * NEGANOX DLTP * PLASTANOX LTDP * PLASTANOX LTDP ANTIOXIDANT * PROPANOIC ACID, 3,3'-THIOBIS-, DIDODECYL ESTER * STABILIZER DLT * THIOBIS(DODECYL PROPIONATE) * TYOX B
IRRITATION DATA AND REFERENCES:

	eye-rbt 500 mg/24H MOD	28ZPAK -,174,72

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UF8100000 PROPIONIC ACID, (2,4,5-TRICHLOROPHENOXY)-
UPDT:8407 MW: 253.51 MOLFM: C9-H7-Cl3-O2
SYN: NA 2765 (DOT) * (2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID * 2,4,5-TRICHLOROPHENOXYPROPIONIC ACID (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82

UF8225000 PROPIONIC ACID, 2-(2,4,5-TRICHLOROPHENOXY)-
UPDT:8406 CAS: 93-72-1 MW: 269.51 MOLFM: C9-H7-Cl3-O3
SYN: ACIDE 2-(2,4,5-TRICHLORO-PHENOXY) PROPIONIQUE (French) * ACIDO 2-(2,4,5-TRICLORO-FENOSSI)-PROPIONICO (Italian) * AMCHEM 2,4,5-TP * AQUA-VEX * COLOR-SET * DED-WEED * DOUBLE STRENGTH * FENOPROP * FENORMONE * FRUITONE T * HERBICIDES, SILVEX * KURAN * KURON * KUROSAL * KUROSAL G * KUROSAL SL * MILLER NU SET * PROPON * RCRA WASTE NUMBER U233 * SILVEX * SILVI-RHAP * STA-FAST * 2,4,5-TC * 2,4,5-TCPPA * 2,4,5-TP * 2-(2,4,5-TRICHLOOR-FENOXY)-PROPIONZUUR (Dutch) * alpha-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID * 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID * 2,4,5-TRICHLOROPHENOXY-alpha-PROPIONIC ACID * 2-(2,4,5-TRICHLOR-PHENOXY)-PROPIONSAEURE (German) * WEED-B-GON
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T43	orl-mus TDLo:1617 mg/kg (12-15D preg)	AECTCV 6,33,77
3T34T35T43	scu-mus TDLo:1617 mg/kg (12-15D preg)	AECTCV 6,33,77

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:650 mg/kg	RREVAH 10,97,65
	orl-mam LD50:650 mg/kg	SCIEAS 165,465,69
	unk-mam LD50:650 mg/kg	30ZDA9 -,173,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROPIONIC ACID, 2-(2,4,5-TRICHLOROPHENOXY)-, TRIBUTYLSTANNYL ESTER see: WH8709000

UF8440000 PROPIONIC ACID, 3-(2,4,5-TRIETHOXYBENZOYL)-
UPDT:8403 MW: 310.38 MOLFM: C16-H22-O6
SYN: AA149 * COLIBIL * SUPACAL * TREPIBUTONE * 3-(2,4,5-TRIETHOXYBENZOYL)PROPIONIC ACID * 2,4,5-TRIETHOXY-gamma-OXOBENZENEBUTANOIC ACID
TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2450 mg/kg	IYKEDH 11,311,80
*	ipr-rat LD50:410 mg/kg	IYKEDH 11,811,80
*	scu-rat LD50:570 mg/kg	IYKEDH 11,811,80
*	ivn-rat LD50:350 mg/kg	IYKEDH 11,811,80
*	orl-mus LD50:1340 mg/kg	IYKEDH 11,811,80
*	ipr-mus LD50:530 mg/kg	IYKEDH 11,811,80
*	scu-mus LD50:630 mg/kg	IYKEDH 11,811,80
*	ivn-mus LD50:500 mg/kg	IYKEDH 11,811,80

PROPIONIC ACID, 2-(p-((5-(TRIFLUOROMETHYL)-2-PYRIDYL)OXY)PHENOXY)-, BUTYL ESTER see: UA3000000
PROPIONIC ALDEHYDE see: UE0350000

UF9100000 PROPIONIC ANHYDRIDE
UPDT:8407 CAS: 123-62-6 MW: 130.16 MOLFM: C6-H10-O3
SYN: METHYLACETIC ANHYDRIDE * PROPANOIC ANHYDRIDE * PROPIONIC ACID ANHYDRIDE * PROPIONIC ANHYDRIDE (DOT) * PROPIONYL OXIDE * UN 2496 (DOT)
IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open MLD	AMIHBC 10,61,54
	skn-rbt 510 mg open MOD	UCDS** 12/15/70
	eye-rbt 750 ug open SEV	AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2360 mg/kg	AMIHBC 10,61,54
*	skn-rbt LD50:10 gm/kg	AMIHBC 10,61,54

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PROPIONIC ANHYDRIDE (DOT) see: UF9100000
PROPIONIC CHLORIDE see: UG6657000
PROPIONIC ETHER see: UF3675000
PROPIONIC NITRILE see: UF9625000

UF9625000 PROPIONITRILE
UPDT:8412 CAS: 107-12-0 MW: 55.09 MOLFM: C3-H5-N
SYN: CYANOETHANE * ETHER CYANATUS * ETHYL CYANIDE * HYDROCYANIC ETHER * PROPANENITRILE * PROPIONIC NITRILE * PROPIONITRILE (DOT) * PROPIONONITRILE * RCRA WASTE NUMBER P101 * UN 2404 (DOT)
IRRITATION DATA AND REFERENCES:

	eye-rbt 20 mg open	AMIHBC 4,119,51

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T41	ipr-ham TDLo:238 mg/kg (8D preg)	TJADAB 23,317,81
3T31T33T34	ipr-ham TDLo:238 mg/kg (8D preg)	TJADAB 23,325,81
2T41T46	ipr-ham TDLo:238 mg/kg (8D preg)	TJADAB 23,325,81

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:39 mg/kg	AMIHBC 4,119,51
	ihl-rat LCLo:500 ppm/4H	AMIHBC 4,119,51
*	orl-mus LD50:36 mg/kg	ARTODN 55,47,84
1L30	ihl-mus LC50:163 ppm/1H	CTOXAO 18,991,81
3D26F19J22	ipr-mus LD50:28 mg/kg	TXAPA9 59,589,81
*	unk-dog LDLo:50 mg/kg	CRSBAW 1,251,1889
*	skn-rbt LD50:210 mg/kg	AMIHBC 4,119,51
	scu-rbt LDLo:100 mg/kg	AEXPBL 34,247,1894
*	ivn-rbt LDLo:50 mg/kg	CRSBAW 1,251,1889
	scu-frg LDLo:8000 mg/kg	AIPTAK 5,161,1899

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NITRILES recm std-air:TWA 14 mg/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROPIONITRILE, beta-ALLYLOXY- see: UG0175000

UG0175000 PROPIONITRILE, 3-ALLYLOXY-
UPDT:8307 CAS: 3088-44-6 MW: 111.16 MOLFM: C6-H9-N-O
SYN: 3-ALLYLOXYPROPIONITRILE * PROPIONITRILE, beta-ALLYLOXY-
TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1300 mg/kg	TXAPA9 28,313,74
	ipr-mus LDLo:500 mg/kg	CBCCT* 4,380,52

UG0350000 PROPIONITRILE, 3-AMINO-
UPDT:8408 CAS: 151-18-8 MW: 70.11 MOLFM: C3-H6-N2
SYN: beta-ALAMINENITRILE * 3-AMINOPROPANENITRILE * beta-AMINOPROPIONITRILE * 3-AMINOPROPIONITRILE * BAPN * beta-CYANOETHYLAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T47	orl-rat TDLo:5 gm/kg (14-15D preg)	TJADAB 4,227,71
1T33	ipr-mus TDLo:1250 mg/kg (10D preg)	ARTODN 47,305,81
2T34T46	orl-ham TDLo:1250 mg/kg (11D preg)	TJADAB 26,59,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UG0525000 PROPIONITRILE, 3-AMINO-N,N-DIBUTYL-
UPDT:8308 CAS: 25726-99-2 MW: 184.37 MOLFM: C11-H24-N2
SYN: N,N-DIBUTYL-3-AMINOPROPIONITRILE
TOXICITY DATA AND REFERENCES:

	orl-rat LD50:3250 mg/kg	AIHAAP 30,470,69

UG0700000 PROPIONITRILE, 3-AMINO-, FUMARATE (2:1)
UPDT:8312 CAS: 2079-89-2 MW: 302.27 MOLFM: C3-H6-N2 2C4-H4-O4
SYN: beta-AMINOPROPIONITRILE, FUMARATE * beta-APN * BAPN FUMARATE * DI-beta-AMINOPROPIONITRILE FUMARATE * DI-BAPN FUMARATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T43	orl-rat TDLo:1 gm/kg (15D preg)	TJADAB 24,43,81
2T39T43	orl-rat TDLo:600 mg/kg (15D preg)	DEBIAO 27,327,72
1T46	orl-rat TDLo:1 gm/kg (17D preg)	TJADAB 10,165,74
1T35	orl-rat TDLo:1200 mg/kg (15-20D preg)	ARPAAQ 81,60,66
2T5[illegible]T59	orl-rat TDLo:1200 mg/kg (13-18D preg)	ARPAAQ 81,60,66
1T43	scu-rat TDLo:1800 mg/kg (14-16D preg)	FCTXAV 10,839,72
1T43	orl-mus TDLo:1800 mg/kg (13-14D preg)	FCTXAV 10,839,72
1T43	scu-mus TDLo:2700 mg/kg (14-16D preg)	FCTXAV 10,839,72
3T46T35T34	orl-ham TDLo:1250 mg/kg (11D preg)	TJADAB 14,43,76
2T43T55	orl-ham TDLo:1250 mg/kg (11D preg)	TJADAB 14,43,76
1T41	orl-ham TDLo:2500 mg/kg (7D preg)	TJADAB 14,43,76

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:800 mg/kg	TJADAB 5,33,72
	orl-ham LD50:5000 mg/kg	TJADAB 14,43,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UG0800000 PROPIONITRILE, 2,2'-AZOBIS(2-METHYL-
UPDT:8407 CAS: 78-67-1 MW: 164.24 MOLFM: C8-H12-N4
SYN: ACETO AZIB * AIBN * AZOBISISOBUTYLONITRILE * AZOBISISOBUTYRONITRILE * alpha,alpha'-AZOBISISOBUTYLONITRILE * 2,2'-AZOBIS(ISOBUTYRONITRILE) * 2,2'-AZOBIS(2-METHYLPROPIONITRILE) * AZODIISOBUTYRONITRILE * alpha,alpha'-AZODIISOBUTYRONITRILE * 2,2'-AZODIISOBUTYRONITRILE * AZODIISOBUTYRONITRILE (DOT) * 2,2'-DICYANO-2,2'-AZOPROPANE * POLY-ZOLE AZDN * POROFOR 57 * POROPHOR N * UN 2952 (DOT) * VAZO 64
TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:700 mg/kg	MEIEDD 10,132,83
	ipr-mus LD50:25 mg/kg	NTIS** ADo91-490

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UG1225000 PROPIONITRILE, 3-BUTOXY-
UPDT:8407 CAS: 6959-71-3 MW: 127.21 MOLFM: C7-H13-N-O
SYN: 3-BUTOXYPROPIONITRILE * PROPANENITRILE, 3-BUTOXY-
IRRITATION DATA AND REFERENCES:

	eye-rbt 500 mg open	AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:7460 mg/kg	AMIHBC 10,61,54
	ipr-mus LDLo:500 mg/kg	CBCCT* 9,135,57
*	skn-rbt LD50:8980 mg/kg	AMIHBC 10,61,54

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UG1400000 PROPIONITRILE, 3-CHLORO-
UPDT:8411 CAS: 542-76-7 MW: 89.53 MOLFM: C3-H4-Cl-N
SYN: 3-CHLOROPROPANENITRILE * 3-CHLOROPROPANONITRILE * beta-CHLOROPROPIONITRILE * 3-CHLOROPROPIONITRILE * RCRA WASTE NUMBER P027 * USAF A-8798
TOXICITY DATA AND REFERENCES:
1F01 orl-rat LD50:100 mg/kg 14CYAT 2,2025,62
1F01 orl-mus LD50:9 mg/kg 14CYAT 2,2025,62
ipr-mus LD50:100 mg/kg NTIS** AD277-689
* ivn-mus LD50:56 mg/kg CSLNX* NX#01996
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UG1480000 PROPIONITRILE, 2-(4-CHLORO-6-(CYCLOPROPYLAMINO)-s-TRIAZIN-2-YLAMINO)-2-METHYL-
UPDT:8412 CAS: 32889-48-8 MW: 252.74 MOLFM: C10-H13-Cl-N6
SYN: 2-(4-CHLORO-6-(CYCLOPROPYLAMINO)-s-TRIAZIN-2-YL)AMINO-2-METHYLPROPIONITRILE * 2-((4-CHLORO-6-(CYCLOPROPYLAMINO)-1,3,5-TRIAZIN-2-YL)AMINO)-2-METHYLPROPANENITRILE * CGA-18762 * CYCLE * PROCYAZINE
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate MUREAV 136,233,84
mrc-smc 131 umol/L MUREAV 136,233,84
TOXICITY DATA AND REFERENCES:
orl-rat LD50:290 mg/kg 85ARAE 2,136,77
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UG1490000 PROPIONITRILE, 2-((4-CHLORO-6-(ETHYLAMINO)-s-TRIAZIN-2-YLAMINO)-2-METHYL-
UPDT:8412 CAS: 21725-46-2 MW: 240.73 MOLFM: C9-H13-Cl-N6
SYN: BLADEX * BLADEX 80WP * 2-CHLORO-4-(1-CYANO-1-METHYLETHYLAMINO)-6-ETHYLAMINO-1,3,5-TRIAZINE * 2-(4-CHLORO-6-ETHYLAMINO-s-TRIAZINE-2-YLAMINO)-2-METHYL PROPIONITRILE * 2-((4-CHLORO-6-(ETHYLAMINO)-s-TRIAZIN-2-YL)AMINO)-2-METHYLPROPIONITRILE * 2-(4-CHLORO-6-ETHYLAMINO-1,3,5-TRIAZINE-2-YLAMINO)-2-METHYLPROPIONITRILE * CYANAZINE * DW3418 * FORTROL * PAYZE * PROPANENITRILE, 2-((4-CHLORO-6-(ETHYLAMINO)-1,3,5-TRIAZIN-2-YL)AMINO)-2-METHYL- * SD 15418 * s-TRIAZINE, 2-CHLORO-4-ETHYLAMINO-6-(1-CYANO-1-METHYL)ETHYLAMINO- * WL 19805
MUTATION DATA AND REFERENCES:
mmo-sat 5170 umol/L MUREAV 136,233,84
dlt-dmg-par 332 umol/L JTEHD6 3,691,77
dlt-dmg-orl 100 ppm JTEHD6 3,691,77
sln-nsc 250 mg/L EVHPAZ 31,75,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:250 mg/kg (6-15D preg) TJADAB 25(2),59A,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:149 mg/kg 85ARAE 2,132,77
skn-rat LD50:1200 mg/kg 28ZEAL 5,62,76
orl-mus LD50:380 mg/kg 28ZEAL 5,62,76
orl-rbt LD50:141 mg/kg 85DPAN -,-,71/76
2D40F07 orl-dck LD50:750 mg/kg PSSCBG 5,153,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UG1575000 PROPIONITRILE, 3-(DIMETHYLAMINO)-
UPDT:8306 CAS: 1738-25-6 MW: 98.17 MOLFM: C5-H10-N2
SYN: beta-DIMETHYLAMINOPROPIONITRILE * 3-(DIMETHYLAMINO)PROPIONITRILE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2600 mg/kg DCTODJ 2,223,79
* ivn-mus LD50:180 mg/kg CSLNX* NX#00201
skn-rbt LD50:1410 mg/kg AIHAAP 23,95,62
STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 26, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0378-0105

PROPIONITRILE (DOT) see: UF9625000

UG1800000 PROPIONITRILE, 2-ETHOXY-
UPDT:8408 CAS: 14631-45-9 MW: 99.15 MOLFM: C5-H9-N-O
SYN: beta-ETHOXYPROPIONITRILE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2860 mg/kg TNICS* 13,125,73
orl-mus LD50:2200 mg/kg TNICS* 13,125,73

UG1925000 PROPIONITRILE, 3-(2-ETHYLBUTOXY)-
UPDT:8407 CAS: 10232-91-4 MW: 155.27 MOLFM: C9-H17-N-O
SYN: 3-(2-ETHYLBUTOXY)PROPIONITRILE
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2460 mg/kg AMIHBC 10,61,54
* skn-rbt LD50:10 gm/kg AMIHBC 10,61,54

UG2100000 PROPIONITRILE, 3-(2-ETHYLHEXYLOXY)-
UPDT:8407 CAS: 10213-75-9 MW: 183.33 MOLFM: C11-H21-N-O
SYN: 3-(2-ETHYLHEXYLOXY)PROPIONITRILE * PROPANENITRILE, 3-((2-ETHYLHEXYL)OXY)-
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4920 mg/kg AMIHBC 10,61,54
* skn-rbt LD50:5990 mg/kg AMIHBC 10,61,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UG2370000 PROPIONITRILE, 3-(p-FORMYL-N-ETHYLANILINO)-
UPDT:8305 MW: 202.28 MOLFM: C12-H14-N2-O
SYN: N-ETHYL-N-CYANOETHYL-p-AMINOBENZALDEHYDE * N-ETYLO-N-CYJANOETYLO-p-AMINOBENZALDEHYD (Polish) * 3-(p-FORMYL-N-ETHYLANILINO)PROPIONITRILE
TOXICITY DATA AND REFERENCES:
1L03 orl-rat LD50:2400 mg/kg BCTKAG 13,107,80
1L03 ipr-rat LDLo:1500 mg/kg BCTKAG 13,107,80

UG2450000 PROPIONITRILE, 3-(2,4-HEXADIENOXY)-
UPDT:8307 CAS: 27310-18-5 MW: 151.23 MOLFM: C9-H13-N-O
SYN: 2,4-HEXADIENOXYPROPIONITRILE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4920 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:9050 mg/kg TXAPA9 28,313,74

PROPIONITRILE, 2-HYDROXY- see: OD8225000
PROPIONITRILE, 3-HYDROXY- see: MU5250000

UG2905000 PROPIONITRILE, 3-(N-(2-HYDROXYETHYL)ANILINO)-
UPDT:8305 MW: 190.27 MOLFM: C11-H14-N2-O
SYN: N-beta-CYANOETHYL-N-beta-HYDROXYETHYLANILINE * EMERY 5724
TOXICITY DATA AND REFERENCES:
1M03 orl-man LD50:1800 mg/kg PJPPAA 32,223,80

UG2950000 PROPIONITRILE, 3-((1-HYDROXY-1-PHENYL-2-PROPYL)METHYLAMINO)-
UPDT:8308 CAS: 67055-59-8 MW: 218.33 MOLFM: C13-H18-N2-O
SYN: CEFEDRIN * CEPHEDRINE * 3-((1-HYDROXY-1-PHENYL-2-PROPYL)METHYLAMINO)PROPIONITRILE * 1-PHENYL-2-(METHYL-(beta-CYANOETHYL)AMINO)PROPAN-1-OL
TOXICITY DATA AND REFERENCES:
3D28F17U26 orl-rat LD50:940 mg/kg PCJOAU 14,773,80
3D28F17U26 scu-rat LD50:600 mg/kg PCJOAU 14,773,80
3D28F17U26 orl-mus LD50:465 mg/kg PCJOAU 14,773,80
3D28F17U26 scu-mus LD50:410 mg/kg PCJOAU 14,773,80
1C18 orl-gpg LD50:1200 mg/kg FATOAO 41,345,78

UG2975000 PROPIONITRILE, 3,3'-IMINODI-
UPDT:8406 CAS: 111-94-4 MW: 123.16 MOLFM: C6-H9-N3
SYN: BBCE * BIS(beta-CYANOETHYL)AMINE * BIS-(2-CYANOETHYL)AMINE * N,N-BIS(2-CYANOETHYL)AMINE * DI(2-CIANOETIL)AMMINA (Italian) * DI-(2-CYANOETHYL)AMINE * DIETHYLAMINE, 2,2'-DICYANO- * ETHANAMINE, 2-CYANO-N-(2-CYANOETHYL)- * IDPN * IMINO-beta,beta'-DIPROPIONITRILE * beta,beta'-IMINODIPROPIONITRILE * beta,beta'-IMINODIPROPIONITRILE * 3,3'-IMINODIPROPIONITRILE * 2241 I.S. * PROPANENITRILE, 3,3'-IMINOBIS- * USAF A-8564
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg AJOPAA 29,1363,46
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T41T46T75 orl-rat TDLo:840 mg/kg (1-21D preg) SEIJBO 21,407,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2700 mg/kg JIHTAB 31,60,49
ipr-mus LD50:200 mg/kg NTIS** AD277-689
* skn-rbt LD50:2520 mg/kg AMIHBC 10,61,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UG3150000 PROPIONITRILE, 3-METHOXY-
UPDT:8307 CAS: 110-67-8 MW: 85.12 MOLFM: C4-H7-N-O
SYN: 3-METHOXYPROPIONITRILE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4390 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UG3200000 PROPIONITRILE, 3-((3-METHOXYESTRA-1,3,5(10)-TRIEN-17-beta-YL)OXY)-
UPDT:8306 MW: 354.56 MOLFM: C23-H32-N-O2
SYN: MEC * 3-METHOXY-17-beta-CYANETHOXYESTRA-1,3,5(10)-TRIEN * 3-METHOXY-17-beta-CYANETHOXYOESTRA-1,3,5(10)-TRIEN * 3-((3-METHOXYESTRA-1,3,5(10)-TRIEN-17-beta-YL)OXY)PROPIONITRILE * RS-2196
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T12T13T29 scu-rat TDLo:150 ug/kg (1D pre) ACENA7 49,193,65
2T02T03 scu-rat TDLo:120 ug/kg (1D male) ACENA7 49,193,65
1T13 scu-mus TDLo:120 ug/kg (3D pre) FESTAS 20,211,69
1T24 scu-rbt TDLo:600 ug/kg (1-3D preg) FESTAS 20,211,69
1T34 scu-rbt TDLo:300 ug/kg (1-3D preg) FESTAS 20,211,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UG3675000 PROPIONITRILE, 3,3'-(METHYLIMINO)DI-
UPDT:8407 CAS: 1555-58-4 MW: 137.21 MOLFM: C7-H11-N3
SYN: DI(2-CIANOETIL)METILAMMINA (Italian) * 2466 I.S. * METHYL BIS(beta-CYANOETHYL)AMINE * N-METHYL-3,3'-IMINODIPROPIONITRILE * PROPANENITRILE, 3,3'-(METHYLIMINO)BIS-
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
orl-rat LD50:890 mg/kg AMIHBC 10,61,54
* ipr-mus LD50:500 mg/kg FRPSAX 17,753,62
* skn-rbt LD50:800 mg/kg AMIHBC 10,61,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UG4030000 PROPIONITRILE, 3-(METHYLNITROSAMINO)-
UPDT:8412 MW: 113.14 MOLFM: C4-H7-N3-O
TUMORIGENIC DATA AND REFERENCES:
3V03D09K60 scu-rat TDLo:622 mg/kg PAACA3 25,99,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UG4200000 PROPIONITRILE, 3,3'-OXYDI-
UPDT:8407 CAS: 1656-48-0 MW: 124.16 MOLFM: C6-H8-N2-O
SYN: beta,beta'-DICYANODIETHYL ETHER * ETHER, BIS(2-CYANOETHYL) * beta,beta'-OXYDIPROPIONITRILE * 3,3'-OXYDIPROPIONITRILE * PROPANENITRILE, 3,3'-OXYBIS-
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2830 mg/kg AMIHBC 10,61,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UG4300000 PROPIONITRILE, 3-((1-(4-PHENYLCYCLOHEXYL)ETHYL)AMINO)-, MONOHYDROCHLORIDE, (E)-
UPDT:8306 MW: 292.89 MOLFM: C17-H24-N2 Cl-H
SYN: trans-alpha-METIL-N-(2-CIANOETIL)-4-FENILCICLOESILMETILAMMINA CLORIDRATO (Italian) * M.G. 6933 * trans-3-((1-(4-PHENYLCYCLOHEXYL)ETHYL)AMINO)PROPIONITRILE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg FRPSAX 37,836,82
* ipr-mus LD50:160 mg/kg FRPSAX 37,836,82

UG4375000 PROPIONITRILE, 3,3'-THIODI-
UPDT:8307 CAS: 111-97-7 MW: 140.22 MOLFM: C6-H8-N2-S
SYN: beta,beta'-DICYANODIETHYL SULFIDE * DI(2-CYANOETHYL)SULFIDE * NITRIL KYSELINY beta,beta'-THIODIPROPIONOVE (Czech) * SULFIDE, BIS(2-CYANOETHYL) * beta,beta'-THIODIPROPIONITRILE * USAF HA-5
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD 28ZPAK -,172,72
eye-rbt 500 mg AJOPAA 29,1363,46
eye-rbt 500 mg/24H MOD 28ZPAK -,172,72
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4210 mg/kg JIHTAB 31,60,49
ipr-mus LD50:300 mg/kg NTIS** AD277-689
* skn-rbt LD50:4500 mg/kg JIHTAB 31,60,49
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UG4800000 PROPIONITRILE, TRICHLORO-
UPDT:8306 CAS: 12408-07-0 MW: 158.41 MOLFM: C3-H2-Cl3-N
SYN: PROPANENITRILE, TRICHLORO- * TRICHLOROPROPIONITRILE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T59T81 orl-rat TDLo:103 mg/kg (MGN) HYSAAV 34(5),274,69
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg HYSAAV 34(5),274,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UG5310000 PROPIONOHYDROXAMIC ACID, N-(5-(3-((5-AMINOPENTYL)HYDROXYCARBAMOYL)PROPIONAMIDO)PENTYL)- 3-((5-(N-HYDROXYACETAMIDO)PENTYL)CARBAMOYL)-, MONOMETHANESULFONATE (SALT)
UPDT:8408 CAS: 138-14-7 MW: 656.90 MOLFM: C25-H48-N6-O8 C-H4-O3-S
SYN: DESFERAL METHANESULFONATE * DEFEROXAMINE MESILATE * DEREROXAMINE MESYLATE * DEFEROXAMINE METHANESULFONATE * DESFERRIOXAMINE B MESYLATE * DESFERRIOXAMINE B METHANESULFONATE * DESFERRIOXAMINE METHANESULFONATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:17300 mg/kg NIIRDN 6,496,82

* scu-rat LD50:5500 mg/kg NIIRDN 6,496,82
* ivn-rat LD50:330 mg/kg NIIRDN 6,496,82
* orl-mus LD50:15200 mg/kg NIIRDN 6,496,82
2F12J22 ipr-mus LD50:1240 mg/kg OYYAA2 7,1181,73
2F12J22 scu-mus LD50:1280 mg/kg OYYAA2 7,1181,73
* ivn-mus LD50:273 mg/kg NIIRDN 6,496,82

UG5340000 PROPIONOHYDROXAMIC ACID, N-(2-FLUORENYL)-
UPDT 8307 MW: 253.32 MOLFM: C16-H15-N-O2
SYN: N-(2-FLUORENYL)PROPIONOHYDROXAMIC ACID * N-HYDROXY-N-2-PROPIONYLAMINO FLUORENE * N-PROPIONYL-N-2-FLUORENYLHYDROXYLAMINE
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate CRNGDP 3,233,82
mmo-sat 5 ug/plate CNREA8 40,1204,80
TUMORIGENIC DATA AND REFERENCES:
3V03H60V10 par-rat TDLo:2166 ug/kg CRNGDP 3,233,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
beta-PROPIONOLACTONE see: RQ7350000
PROPIONONITRILE see: UF9625000

UG5672000 o-PROPIONOTOLUIDIDE, 6'-CHLORO-2-(DIETHYLAMINO)-, HYDROCHLORIDE
UPDT 8310 MW: 305.28 MOLFM: C14-H21-Cl-N2-O Cl-H
SYN: C 3055 * 6'-CHLORO-2-(DIETHYLAMINO)-o-PROPIONOTOLUIDIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:125 mg/kg ARZNAD 8,544,58
ipr-mus LD50:90 mg/kg ARZNAD 8,544,58
scu-mus LD50:192 mg/kg ARZNAD 8,544,58

UG5700000 m-PROPIONOTOLUIDIDE, 2-METHYL-4'-NITRO-alpha,alpha,alpha-TRIFLOURO-
UPDT 8408 CAS: 13311-84-7 MW: 276.24 MOLFM: C11-H11-F3-N2-O3
SYN: FLUTAMIDE * NIFTHOLIDE * NIFTOLIDE * 4'-NITRO-3'-TRIFLUOROMETHYLISOBUTYRANILIDE * NIFTHOLIDE * PROPANAMIDE, 2-METHYL-N-(4-NITRO-3-(TRIFLUOROMETHYL)PHENYL)- (9CI) * SCH * SCH 13521 * alpha,alpha,alpha-TRIFLUORO-2-METHYL-4'-NITRO-m-PROPIONOTOLUIDIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T53 orl-rat TDLo:1050 mg/kg (14-20D preg) AAMMAU 64,27,75
2T02T03 orl-rat TDLo:750 mg/kg (30D male) FESTAS 27,566,76
1T03 ipr-rat TDLo:280 mg/kg (7D male) IJEBA6 16,157,78
2T44T53 scu-rat TDLo:525 mg/kg (14-20D preg) BIRSB5 20(Suppl 1),116A,79
1T53 scu-rat TDLo:45 mg/kg (13-21D preg) PSEBAA 169,67,82
2T01T09 scu-rat TDLo:70 mg/kg (7D male) IJEBA6 15,788,77
1T91 ims-rat TDLo:65 mg/kg (10-22D preg) ENDOAO 103,1702,78
2T01T02 ims-rat TDLo:29040 ug/kg (17W male) IJEBA6 18,1225,80
1T01 scu-mus TDLo:80 mg/kg (10D male) ENDKAC 71,135,78
1T03 scu-mus TDLo:400 mg/kg (10D male) ENDKAC 71,135,78
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1000 mg/kg TXAPA9 28,303,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PROPIONPROMAZINE see: UC1934050
PROPIONYLAMIDE, N-METHYL-N-NITROSO- see: UE4525000
N-(4-PROPIONYLAMINOBENZENESULFONYL)ERYTHROMYCYLAMINE see: KF4680000
3-PROPIONYLAMINO-2,4,6-TRIIODOBENZOIC ACID see: DH6488700
PROPIONYLBENZENE see: UG7175000

UG6657000 PROPIONYL CHLORIDE
UPDT 8401 CAS: 79-03-8 MW: 92.53 MOLFM: C3-H5-Cl-O
SYN: PROPIONIC ACID CHLORIDE * PROPIONIC CHLORIDE * PROPIONYL CHLORIDE (DOT) * UN 1815 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO-FLAMMABLE LIQUID, LABEL-CORROSIVE, FLAMMABLE LIQUID CFRGBR 49,172,102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
PROPIONYL CHLORIDE (DOT) see: UG6657000
N-PROPIONYLDEACTYLCOLCHICINE see: UE4540000
3-PROPIONYL-N-DEMETHYLMAYTANSINOL see: OQ2292480
3-PROPIONYL-10-DIMETHYLAMINO-ISOPROPYLPHENOTHIAZINE MALEATE see: UC1935000
3-PROPIONYL-10-(3'-DIMETHYLAMINOPROPYL)PHENOTHIAZIN see: UC1934050
N-PROPIONYL-N-2-FLUORENYLHYDROXYLAMINE see: UG5340000
3-(p-PROPIONYL-o-METHOXYPHENOXY)-1,2-PROPANEDIOL see: UH0525000
3-(4-PROPIONYL-2-METHOXYPHENOXY)-1,2-PROPANEDIOL see: UH0525000
3-PROPIONYL-10-(3'-N-METHYL-PIPERAZINO-N'-PROPYL)PHENOTHIAZIN see: UC3087000
3-PROPIONYL-10-(3'-MORPHOLINOPROPYL)PHENOTHIAZIN see: UC3105000
PROPIONYL OXIDE see: UF9100000
3-PROPIONYLPERAZINE see: UC3087000
PROPIONYL PEROXIDE (DOT) see: JL8750000

UG7110000 PROPIONYL PEROXIDE, not more than 28% in solution
UPDT 8308 CAS: 3248-28-0 MW: 146.16 MOLFM: C6-H10-O4
SYN: DIPROPIONYL PEROXIDE * PEROXIDE, BIS(1-OXOPROPYL) * PROPIONYL PEROXIDE (DOT) * UN 2132 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD-ORGANIC PEROXIDE, LABEL-ORGANIC PEROXIDE CFRGBR 49,172,101,82
PROPIONYL PEROXIDE (DOT) see: UG7110000
p-PROPIONYLPHENOL see: UH1921000
1-(p-PROPIONYLPHENOXY)-3-(4-PHENYLPIPERAZINYL)-2-PROPANOL see: UC2984000
N-PROPIONYL-2-(1-PIPERIDINOISOPROPYL)AMINOPYRIDINE FUMARATE see: UE4526000
PROPIONYLPROMAZINE see: UC1934050
2-PROPIONYLPROMAZINE see: UC1934050
PROPIONYLPROMAZINE HYDROCHLORIDE see: OB2080000
PROPIONYLPROMAZONE see: UC1934050
PROPIONYLPROMETHAZINE MALEATE see: UC1935000
N-PROPIONYL-N-(2-PYRIDYL)-1-PIPERIDINO-2-AMINOPROPANE FUMARATE see: UE4526000

UG7175000 PROPIOPHENONE
UPDT 8307 CAS: 93-55-0 MW: 134.19 MOLFM: C9-H10-O
SYN: ETHYL PHENYL KETONE * KETONE, ETHYL PHENYL * PHENYL ETHYL KETONE * 1-PHENYL-1-PROPANONE * 1-PROPANONE, 1-PHENYL- * PROPIONYLBENZENE * USAF EK-1235
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4490 mg/kg TXAPA9 28,313,74
ipr-mus LD50:100 mg/kg NTIS** AD277-689
scu-mus LD50:2250 mg/kg ARZNAD 5,559,55
* skn-rbt LD50:4490 mg/kg TXAPA9 28,313,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0580-0341

UG7350000 PROPIOPHENONE, 4'-AMINO-
UPDT 8403 CAS: 70-69-9 MW: 149.21 MOLFM: C9-H11-N-O
SYN: 1-(4-AMINOPHENYL)-1-PROPANONE * p-AMINOPROPIOPHENONE * ETHYL p-AMINOPHENYL KETONE * PAPP * PARAAMINOPROPIOPHENONE * USAF UCTL-1856
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:525 mg/kg CJBPAZ 38,667,60
ipr-mus LD50:223 mg/kg FEPRA7 6,348,47
unk-dog LD50:7500 ug/kg CJBPAZ 38,667,60
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UG8670000 PROPIOPHENONE, 4'-BUTOXY-3-(OCTAHYDROAZOCIN-1-YL)-, HYDROCHLORIDE
UPDT 8312 MW: 353.98 MOLFM: C20-H31-N-O2 Cl-H
SYN: 4'-BUTOXY-3-(OCTAHYDROAZOCIN-1-YL)PROPIOPHENONE HYDROCHLORIDE * 4-BUTOXYPHENYL beta-(1-HEPTAMETHYLENIMINO)ETHYL KETONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:95 mg/kg JPMSAE 54,67,65

UG8750000 PROPIOPHENONE, 4'-BUTOXY-3-PIPERIDINO-, HYDROCHLORIDE
UPDT 8302 CAS: 536-43-6 MW: 325.92 MOLFM: C18-H27-N-O2 Cl-H
SYN: 4-n-BUTOXY-beta-(1-PIPERIDYL)PROPIOPHENONE HYDROCHLORIDE * 4'-BUTOXY-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE * DICLONIA * DYCLOCAINUM * DYCLONE HYDROCHLORIDE * DYCLONINE HYDROCHLORIDE * DYCLOTHANE * F-267 * PIPERIDINE, 1-(2-(4-BUTOXYBENZOYL)ETHYL)-, HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 1% MLD AIPTAK 137,410,62
eye-rbt 1% MLD AIPTAK 137,410,62
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:46 mg/kg JPETAB 115,419,55
orl-mus LDLo:100 mg/kg TXAPA9 2,616,60
* ipr-mus LD50:52 mg/kg AIPTAK 137,410,62
scu-mus LD50:42 mg/kg ARZNAD 5,559,55
ivn-mus LD50:20 mg/kg JPETAB 115,419,55
orl-dog LDLo:40 mg/kg TXAPA9 2,616,60
ivn-dog LD50:9500 ug/kg JPETAB 115,419,55
orl-rbt LDLo:200 mg/kg TXAPA9 2,616,60

UG8858000 PROPIOPHENONE, 2-(tert-BUTYLAMINO)-3'-CHLORO-, HYDROCHLORIDE, (+-)-
UPDT 8405 CAS: 31677-93-7 MW: 276.23 MOLFM: C13-H18-Cl-N-O Cl-H
SYN: BUPROPION HYDROCHLORIDE * (+-)-alpha-tert-BUTYLAMINO-3-CHLOROPROPIOPHENONE HYDROCHLORIDE * 1-PROPANONE, 1-(3-CHLOROPHENYL)-2-((1,1-DIMETHYLETHYL)AMINO)-, HYDROCHLORIDE, (+-)- (9CI) * WELLBATRIN
TOXICITY DATA AND REFERENCES:
2F11F23 orl-rat LD50:600 mg/kg JPPMAB 29,767,77
2F11F23 ipr-rat LD50:210 mg/kg JPPMAB 29,767,77
3F07F17F29 orl-mus LD50:575 mg/kg JPPMAB 29,767,77
3F07F17F29 ipr-mus LD50:230 mg/kg JPPMAB 29,767,77

UG8870000 PROPIOPHENONE, 4'-(BUTYLSELENO)-3-PIPERIDINO-, HYDROCHLORIDE
UPDT 8403 MW: 389.88 MOLFM: C18-H27-N-O-Se Cl-H
SYN: 4'-(BUTYLSELENO)-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LD50:95 mg/kg PHARAT 19,201,64

UG9367000 PROPIOPHENONE, 3-(p-CHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)-
UPDT 8403 CAS: 31349-74-3 MW: 434.01 MOLFM: C27-H28-Cl-N-O2
SYN: 3-(p-CHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)PROPIOPHENONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:50 mg/kg (1-5D preg) CCPTAY 2,199,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UG9410400 PROPIOPHENONE, 4'-(DECYLOXY)-3-MORPHOLINO-, MONOHYDROCHLORIDE
UPDT 8305 MW: 412.07 MOLFM: C23-H37-N-O3 Cl-H
SYN: 4'-(DECYLOXY)-3-MORPHOLINOPROPIOPHENONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:140 mg/kg COREAF 241,1523,55

UG9410600 PROPIOPHENONE, 4'-(DECYLOXY)-3-PIPERIDINO-, MONOHYDROCHLORIDE
UPDT 8305 MW: 410.10 MOLFM: C24-H39-N-O2 Cl-H
SYN: 4'-(DECYLOXY)-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:15 mg/kg COREAF 241,1523,55

UH0350000 PROPIOPHENONE, 2'-(2-(DIETHYLAMINO)ETHOXY)-3-PHENYL-, HYDROCHLORIDE
UPDT 8403 CAS: 2192-21-4 MW: 361.95 MOLFM: C21-H27-N-O2 Cl-H
SYN: A^4 AMEDIOL * BARACOR * CORODILAN * DIALICOR * 1-(2-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-3-PHENYL-1-PROPANONE HYDROCHLORIDE * (O-beta-DIETHYLAMINOETHOXY)-PHENYL PROPIOPHENONE HYDROCHLORIDE * ETAFENONE HYDROCHLORIDE * HETAPHENONE * LG 11,457 HYDROCHLORIDE * PAGANO-COR * beta-PHENYL-o-(DIETHYLAMINOETHOXY)PROPIOPHENONE HYDROCHLORIDE * 1-PROPANONE, 1-(2-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-3-PHENYL-, HYDROCHLORIDE (9CI) * RELICOR * RELICOR HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F12 orl-rat LD50:716 mg/kg ARZNAD 19,1664,69
1F12 ivn-rat LD50:20800 ug/kg ARZNAD 19,1664,69
* orl-mus LD50:352 mg/kg NIIRDN 6,109,82
ipr-mus LD50:85 mg/kg BSESA3 9,488,76
* scu-mus LD50:250 mg/kg BSESA3 9,589,76
orl-dog LD50:50 mg/kg ARZNAD 19,1664,69

UH0525000 PROPIOPHENONE, 4'-(2,3-DIHYDROXYPROPOXY)-3'-METHOXY-
UPDT 8403 CAS: 1007-06-5 MW: 254.31 MOLFM: C13-H18-O5
SYN: DA 1128 * 1-(4-(2,3-DIHYDROXYPROPOXY)-3-METHOXYPHENYL)-1-PROPANONE * 4'-(2,3-DIHYDROXYPROPOXY)-3'-METHOXYPROPIOPHENONE * MEPROPHENDIOL * MPD * 3-(2-METHOXY-4-PROPIONYLPHENOXY)-1,2-PROPANEDIOL * 3-(p-PROPIONYL-o-METHOXYPHENOXY)-1,2-PROPANEDIOL * 3-(4-PROPIONYL-2-METHOXYPHENOXY)-1,2-PROPANEDIOL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1637 mg/kg EXPEAM 20,457,64
2F07F10 ipr-rat LD50:712 mg/kg ARZNAD 16,596,66
orl-mus LD50:1056 mg/kg EXPEAM 20,457,64
ipr-mus LD50:674 mg/kg EXPEAM 20,457,64
ivn-mus LD50:458 mg/kg EXPEAM 20,457,64

UH0947000 PROPIOPHENONE, 3-DIMETHYLAMINO-2-PHENOXY-, HYDROCHLORIDE
UPDT 8303 MW: 315.83 MOLFM: C17-H19-N-O2 Cl-H
SYN: 3-DIMETHYLAMINO-2-PHENOXYPROPIOPHENONE HYDROCHLORIDE * U-0172
IRRITATION DATA AND REFERENCES:
skn-rbt 2500 ppm MLD AIPTAK 137,410,62
eye-rbt 5000 ppm MLD AIPTAK 137,410,62
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:178 mg/kg AIPTAK 137,410,62

UH0953000 PROPIOPHENONE, 3-DIMETHYLAMINO-2-p-PROPOXYPHENOXY-, HYDROCHLORIDE
UPDT 8303 MW: 363.92 MOLFM: C20-H25-N-O3 Cl-H
SYN: 3-DIMETHYLAMINO-2-p-PROPOXYPHENOXY PROPIOPHENONE HYDROCHLORIDE * U-0910
TOXICITY DATA AND REFERENCES:
3F13G10J26 ipr-mus LD50:200 mg/kg AIPTAK 131,1,61

UH1575000 PROPIOPHENONE, 2,4'-DIMETHYL-3-PIPERIDINO-
UPDT 8406 CAS: 728-88-1 MW: 245.40 MOLFM: C16-H23-N-O
SYN: 2,4'-DIMETHYL-3-PIPERIDINOPROPIOPHENONE * 2-METHYL-3-PIPERIDINO-1-p-TOLYLPROPAN-1-ONE * 1-PIPERIDINO-2-METHYL-3-(p-TOLYL)-3-PROPANONE * MYDETON * MYDOCALM * PMP * TOLPERISONE
TOXICITY DATA AND REFERENCES:
3F17F19J22 orl-rat LD50:1450 mg/kg OYYAA2 5,421,71

3F17F19J22 ipr-rat LD50:170 mg/kg OYYAA2 5,421,71
3F17F19J22 scu-rat LD50:645 mg/kg OYYAA2 5,421,71
3F17F19J22 orl-mus LD50:1350 mg/kg OYYAA2 5,421,71
* scu-mus LD50:620 mg/kg ARZNAD 11,257,61
3F17F19J22 ivn-mus LD50:34 mg/kg OYYAA2 5,421,71

UH1575500 PROPIOPHENONE, 2,4'-DIMETHYL-3-PIPERIDINO-, HYDROCHLORIDE
UPDT 8406 CAS: 3644-61-9 MW: 281.86 MOLFM: C16-H23-N-O .Cl-H
SYN: 2,4'-DIMETHYL-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE * 2-METHYL-3-PIPERIDINO-1-p-TOLYLPROPAN-1-ONE HYDROCHLORIDE * MUSCALM * MYDOCALM * N-553 * 1-PIPERIDINO-2-METHYL-3-(p-TOLYL)-3-PROPANONE HYDROCHLORIDE * TOLPERISONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1450 mg/kg NIIRDN 6,531,82
* ipr-rat LD50:170 mg/kg NIIRDN 6,531,82
* scu-rat LD50:645 mg/kg NIIRDN 6,531,82
3F12F17F18 ivn-dog LD50:45 mg/kg OYYAA2 9,809,75
3F12F17F18 ivn-cat LD50:40 mg/kg OYYAA2 9,809,75

UH1588300 PROPIOPHENONE, 2,3-DIPHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)-
UPDT 8403 MW: 399.57 MOLFM: C27-H29-N-O2
SYN: 2,3-DIPHENYL-4'-beta-PYRROLIDINOETHOXYPROPIOPHENONE * 2,3-DIPHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)PROPIOPHENONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:100 mg/kg (1-5D preg) IJEBA6 5,169,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UH1755000 PROPIOPHENONE, 4'-ETHYL-2-METHYL-3-PIPERIDINO-, HYDROCHLORIDE
UPDT 8402 CAS: 64840-90-0 MW: 295.89 MOLFM: C17-H25-N-O .Cl-H
SYN: E-646 * EMPP * EPERISONE HYDROCHLORIDE * 4'-ETHYL-2-METHYL-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE * MIONAL
TOXICITY DATA AND REFERENCES:
3F13F19J25 orl-rat LD50:1300 mg/kg OYYAA2 21,939,81
3F13F19J25 scu-rat LD50:490 mg/kg OYYAA2 21,939,81
3F13F19J25 ivn-rat LD50:51 mg/kg OYYAA2 21,939,81
3F13F19J25 ims-rat LD50:400 mg/kg OYYAA2 21,939,81
3F13F19J25 orl-mus LD50:740 mg/kg OYYAA2 21,939,81
3F13F19J25 scu-mus LD50:256 mg/kg OYYAA2 21,939,81
3F13F19J25 ivn-mus LD50:43 mg/kg OYYAA2 21,939,81
3F13F19J25 ims-mus LD50:280 mg/kg OYYAA2 21,939,81

UH1764500 PROPIOPHENONE, 4'-(ETHYLSELENO)-3-PIPERIDINO-, HYDROCHLORIDE
UPDT 8403 MW: 360.82 MOLFM: C16-H23-N-O-Se .Cl-H
SYN: 4'-(ETHYLSELENO)-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LD50:64 mg/kg PHARAT 19,201,64

UH1815000 PROPIOPHENONE, 4'-FLUORO-3-PIPERIDINO-
UPDT 8408 CAS: 25072-68-8 MW: 235.33 MOLFM: C14-H18-F-N-O
SYN: COMPOUND CN * 4'-FLUORO-3-PIPERIDINOPROPIOPHENONE * 4'-FLUORO-3-(1-PIPERIDYL)PROPIOPHENONE * 1-PROPANONE, 1-(4-FLUOROPHENYL)-3-(1-PIPERIDINYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:95300 ug/kg IJEBA6 17,397,79

UH1847000 PROPIOPHENONE, 4'-(HEPTYLOXY)-3-MORPHOLINO-, MONOHYDROCHLORIDE
UPDT 8305 MW: 369.98 MOLFM: C20-H31-N-O3 .Cl-H
SYN: 4'-(HEPTYLOXY)-3-MORPHOLINOPROPIOPHENONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:35 mg/kg COREAF 241,1523,55

UH1850000 PROPIOPHENONE, 4'-HEPTYLOXY-3-PIPERIDINO-, HYDROCHLORIDE
UPDT 8305 CAS: 63815-43-0 MW: 368.01 MOLFM: C21-H33-N-O2 .Cl-H
SYN: 4'-(HEPTYLOXY)-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE * 4-HEPTYLOXY-beta-(1-PIPERIDYL)PROPIOPHENONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:14 mg/kg JPETAB 115,419,55

UH1854000 PROPIOPHENONE, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)-3'-NITRO-, MONOHYDROCHLORIDE
UPDT 8312 CAS: 13492-21-2 MW: 312.83 MOLFM: C15-H20-N2-O3 .Cl-H
SYN: 3-(HEXAHYDRO-1H-AZEPIN-1-YL)-3'-NITROPROPIOPHENONE HYDROCHLORIDE * PHENITRON * PHENITRONE * PHENYTRON * 1-PROPANONE, 3-(HEXAHYDRO-1H-AZEPIN-1-YL)-1-(3-NITROPHENYL)-, MONOHYDROCHLORIDE (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:175 mg/kg EJPHAZ 19,310,72

UH1859000 PROPIOPHENONE, 4'-(HEXYLOXY)-3-MORPHOLINO-, MONOHYDROCHLORIDE
UPDT 8305 MW: 355.95 MOLFM: C19-H29-N-O3 .Cl-H
SYN: 4'-(HEXYLOXY)-3-MORPHOLINOPROPIOPHENONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:40 mg/kg COREAF 241,1523,55

UH1860000 PROPIOPHENONE, 4'-HEXYLOXY-3-PIPERIDINO-, HYDROCHLORIDE
UPDT 8305 CAS: 5289-93-0 MW: 353.98 MOLFM: C20-H31-N-O2 .Cl-H
SYN: 4'-(HEXYLOXY)-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE * 4-HEXYLOXY-beta-(1-PIPERIDYL)PROPIOPHENONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:52 mg/kg JPETAB 115,419,55
* ivn-mus LD50:15 mg/kg COREAF 241,1523,55

UH1900000 PROPIOPHENONE, 4'-(HEXYLSELENO)-3-PIPERIDINO-, HYDROCHLORIDE
UPDT 8403 MW: 416.94 MOLFM: C20-H31-N-O-Se .Cl-H
SYN: 4'-(HEXYLSELENO)-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LD50:126 mg/kg PHARAT 19,201,64

UH1925000 PROPIOPHENONE, 4'-HYDROXY-
UPDT 8302 CAS: 70-70-2 MW: 150.19 MOLFM: C9-H10-O2
SYN: B 360 * ETHYL p-HYDROXYPHENYL KETONE * FRENANTOL * FRENOHYPON * H 365 * p-HYDROXYPHENYL-1-PROPANONE * 1-(4-HYDROXYPHENYL)-1-PROPANONE * HYDROXYPROPIOPHENONE * p-HYDROXYPROPIOPHENONE * 4-HYDROXYPROPIOPHENONE * HYPOPHENON * p-OXYPROPIOPHENONE * PAROXON * PAROXYPROPIONE * PHP * POP * PROFENONE * p-PROPIONYLPHENOL * USAF EK 33C7
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:200 mg/kg NTIS** AD277-689
3C08F05J30 scu-mus LD50:1130 ug/kg AIPTAK 124,212,60
3C08F05J30 par-frg LD50:91 mg/kg AIPTAK 124,212,60
3C08F05J30 par-nml LD50:188 mg/kg AIPTAK 124,212,60
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UH2050000 PROPIOPHENONE, 4'-(2-HYDROXY-3-((2-DIETHYLAMINOETHYL)AMINO)PROPOXY)-
UPDT 8407 CAS: 63815-45-2 MW: 322.50 MOLFM: C18-H30-N2-O3
SYN: 3-((2-DIETHYLAMINOETHYL)AMINO)-1-(4-PROPIONYLPHENOXY)PROPAN-2-OL * 4'-(2-HYDROXY-3-((2-DIETHYLAMINOETHYL)AMINO)PROPOXY)PROPIOPHENONE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:300 mg/kg JMCMAR 15,286,72

UH2440000 PROPIOPHENONE, 3-((beta-HYDROXY-alpha-METHYLPHENETHYL)AMINO)-3'-METHOXY-, stereoisomer
UPDT 8405 CAS: 21071-51-2 MW: 313.43 MOLFM: C19-H23-N-O3
SYN: DL-3-((beta-HYDROXY-alpha-METHYLPHENETHYL)AMINO)-3'-METHOXY-PROPIOPHENONE * DL-OXYFEDRIN * DL-OXYFEDRINE * 1-PROPANONE, 3-((2-HYDROXY-1-METHYL-2-PHENYLETHYL)AMINO)-1-(3-METHOXYPHENYL)-, (R*,S*)-(+-)-
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:26 mg/kg PHARAT 38,409,83

PROPIOPHENONE, 4'-(2-HYDROXY-3-(4-PHENYLPIPERAZINYL)PROPOXY)- see: UC2984000

UH2835000 PROPIOPHENONE, 4'-HYDROXY-, SODIUM SULFATE (ester)
UPDT 8308 MW: 252.23 MOLFM: C9-H9-O5-S .Na
SYN: 4'-HYDROXYPROPIOPHENONE, ESTER with SODIUM SULFATE * REC 5-0014 * SALE SODICO dell'ESTERE SOLFORICO del PARA-OSSIPROPIOFENONE (Italian)
TOXICITY DATA AND REFERENCES:
3F11F17J24 ipr-mus LD50:2100 mg/kg FRPSAX 13,541,58
3F11F17J24 scu-mus LD50:3500 mg/kg FRPSAX 13,541,58

UH2975000 PROPIOPHENONE, ISONITROSO-
UPDT 8307 CAS: 119-51-7 MW: 163.19 MOLFM: C9-H9-N-O2
SYN: ISONITROSOPROPIOPHENONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4240 mg/kg TXAPA9 28,313,74
ipr-mus LD50:250 mg/kg NTIS** AD691-490
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UH4387000 PROPIOPHENONE, 4'-(METHYLSELENO)-3-PIPERIDINO-, HYDROCHLORIDE
UPDT 8403 MW: 346.79 MOLFM: C15-H21-N-O-Se .Cl-H
SYN: 4'-(METHYLSELENO)-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LD50:110 mg/kg PHARAT 19,201,64

UH4388000 PROPIOPHENONE, 3-MORPHOLINO-4'-(OCTYLOXY)-, MONOHYDROCHLORIDE
UPDT 8307 MW: 370.00 MOLFM: C21-H33-O3 .Cl-H
SYN: 3-MORPHOLINO-4'-(OCTYLOXY)PROPIOPHENONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:60 mg/kg COREAF 241,1523,55

UH4388290 PROPIOPHENONE, 3-MORPHOLINO-4'-PROPOXY-, HYDROCHLORIDE
UPDT 8305 CAS: 5517-73-7 MW: 313.86 MOLFM: C16-H23-N-O3 .Cl-H
SYN: 3-MORPHOLINO-4'-PROPOXYPROPIOPHENONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
scu-mus LD50:314 mg/kg ARZNAD 5,559,55
* ivn-mus LD50:35 mg/kg COREAF 241,1523,55

UH4388350 PROPIOPHENONE, 4'-NITRO-3-(OCTAHYDROAZOCIN-1-YL)-, HYDROCHLORIDE
UPDT 8312 MW: 326.86 MOLFM: C16-H22-N2-O3 .Cl-H
SYN: beta-HEPTAMETHYLENEIMINO-p-NITROPROPIOPHENONE HYDROCHLORIDE * 4-NITRO-beta-(1-HEPTAMETHYLENIMINO)-ETHYL KETONE HYDROCHLORIDE * 4'-NITRO-3-(OCTAHYDROAZOCIN-1-YL)PROPIOPHENONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:175 mg/kg JPMSAE 54,67,65

UH4390000 PROPIOPHENONE, 4'-OCTYLOXY-3-PIPERIDINO-, HYDROCHLORIDE
UPDT 8305 CAS: 5249-88-7 MW: 382.04 MOLFM: C22-H35-N-O2 .Cl-H
SYN: 4'-(OCTYLOXY)-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE * 4-OCTYLOXY-beta-(1-PIPERIDYL)PROPIOPHENONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:35 mg/kg JPETAB 115,419,55
ivn-mus LD50:19 mg/kg JPETAB 115,419,55

UH4400300 PROPIOPHENONE, 4'-(PENTYLSELENO)-3-PIPERIDINO-, HYDROCHLORIDE
UPDT 8403 MW: 402.91 MOLFM: C19-H29-N-O-Se .Cl-H
SYN: 4'-(PENTYLSELENO)-3-PIPERIDINOPROPIOPHENONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LD50:105 mg/kg PHARAT 19,201,64

UH4420000 PROPIOPHENONE, 3-PIPERIDINO-4'-PROPOXY-, HYDROCHLORIDE
UPDT 8305 CAS: 1155-49-3 MW: 311.89 MOLFM: C17-H25-N-O2 .Cl-H
SYN: FALICAIN * FALICAINE * FALICAINE HYDROCHLORIDE * 3-PIPERIDINO-4'-PROPOXYPROPIOPHENONE HYDROCHLORIDE * 1-PROPANONE, 3-(1-PIPERIDINYL)-1-(4-PROPOXYPHENYL)-, HYDROCHLORIDE (9CI) * PROPIOPHENONE, 4'-PROPOXY-3-PIPERIDINO-, HYDROCHLORIDE * PROPIPOCAINE HYDROCHLORIDE * 4-PROPOXY-beta-(1-PIPERIDYL)PROPIOPHENONE HYDROCHLORIDE * PROPOXYPIPEROCAINE * PROPOXYPIPEROCAINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:125 mg/kg PHARAT 31,21,76
scu-mus LD50:57 mg/kg ARZNAD 5,559,55
ivn-mus LD50:15 mg/kg JPETAB 115,419,55

UH4421000 PROPIOPHENONE, 3-PIPERIDINO-4'-(PROPYLSELENO)-, HYDROCHLORIDE
UPDT 8403 MW: 374.85 MOLFM: C17-H25-N-O-Se .Cl-H
SYN: 3-PIPERIDINO-4'-(PROPYLSELENO)PROPIOPHENONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LD50:60 mg/kg PHARAT 19,201,64

PROPIOPHENONE, 4'-PROPOXY-3-PIPERIDINO-, HYDROCHLORIDE see: UH4420000

UH4429200 PROPIOPHENONE, 2',4',6'-TRIHYDROXY-3-(p-HYDROXYPHENYL)-, PHOSPHATE, POLYESTERS
UPDT 8312 CAS: 9014-72-6
SYN: AHfy * LEO 1259a * LEO 1261a * LEO 1235g * LEO 101K * POLYPHLORETIN PHOSPHATE * 1-PROPANONE, 3-(4-HYDROXYPHENYL)-1-(2,4,6-TRIHYDROXYPHENYL)-, PHOSPHATE, HOMOPOLYMER (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:100 mg/kg (1D pre/1D preg) ACENA7 37,298,61
1T35 ipr-mus TDLo:100 mg/kg (16D preg) PRGLBA 1,191,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROPIOPROMAZINE see: UC1934050
PROPIPOCAINE HYDROCHLORIDE see: UH4420000
PROPIRAM FUMARATE see: UE4526000
PROPISAMINE see: SI1750000
PROPISAMINE see: SH9450000
PROPITAN see: DW1050000
PROP-JOB see: UE4900000
PROPOKSURU (Polish) see: FC3150000
PROPOLIN see: UD1842000
PROPON see: UF8225000
PROPONESIN HYDROCHLORIDE see: UB8610000
PROPONEX-PLUS see: UE9750000
PROPOPHANE see: UD1842000
PROPOQUIN DIHYDROCHLORIDE see: GO7350000
PROPOX see: EL3000000
PROPOXUR see: FC3150000
PROPOXURE see: FC3150000
4-PROPOXYBENZILIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DD4570000
p-PROPOXYBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DH6490000
p-PROPOXYBENZOIC ACID 2-(1-PYRROLIDINYL)ETHYL ESTER HYDROCHLORIDE see: DH6508300
1-(p-PROPOXYBENZYL)HYDROURACIL see: MX9283000
1-(p-PROPOXYBENZYL)-2-THIOHYDROURACIL see: MX9283500
PROPOXYCAINE HYDROCHLORIDE see: DG3066000
m-PROPOXYCARBANILIC ACID 1-METHYL-2-PIPERIDINOETHYL ESTER MONOHYDROCHLORIDE see: FD9781820
m-PROPOXYCARBANILIC ACID 2-PIPERIDINOETHYL ESTER HYDROCHLORIDE see: FD9781830
o-PROPOXYCARBANILIC ACID 2-PIPERIDINOETHYL ESTER HYDROCHLORIDE see: FD9781850
PROPOXYCHEL see: EL3000000
2-PROPOXYETHANOL see: KM2800000
N-(alpha-PROPOXYETHYL)INDOLE see: NM1520000
PROPOXYPHENE see: EL2975000

PROPOXYPHENE HYDROCHLORIDE see: EL3000000
(+)-PROPOXYPHENE HYDROCHLORIDE see: EL3000000
d-PROPOXYPHENE HYDROCHLORIDE see: EL3000000
PROPOXYPHENE N see: QK1600000
PROPOXYPHENE 2-NAPHTHALENESULFONATE see: QK1600000
PROPOXYPHENE NAPSYLATE see: QK1600000
d-PROPOXYPHENE NAPSYLATE HYDRATE see: QK1750000
4-(2-(p-PROPOXYPHENOXY)ETHYL)MORPHOLINE HYDROCHLORIDE see: QE9285000
1-(2-(p-PROPOXYPHENOXY)ETHYL)PIPERIDINE HYDROCHLORIDE see: TN3718000
N-(2-(2-PROPOXYPHENYLCARBAMOYLOXY)ETHYL)PIPERIDINIUM CHLORIDE see: FD9781850
2-(m-PROPOXYPHENYL)IMIDAZO(2,1-a)ISOQUINOLINE see: NI3030000
4-PROPOXY-beta-(1-PIPERIDYL)PROPIOPHENONE HYDROCHLORIDE see: UH4420000
PROPOXYPIPEROCAINE see: UH4420000
PROPOXYPIPEROCAINE HYDROCHLORIDE see: UH4420000
3'-PROPOXY-N-PROPYL-2',4',6'-TRIIODOSUCCINANILIC ACID see: WM4762000
4-PROPOXY-N-(2-PYRROLIDINYLETHYL)BENZAMIDINE DIHYDROCHLORIDE see: CV6550000
PROPRANALOL see: UB7500000
PROPRANOLOL see: UB7500000
PROPRANOLOL see: UB7525000
(+-)-PROPRANOLOL see: UB7510000
dl-PROPRANOLOL see: UB7510000
DL-PROPRANOLOL see: UB7510000
PROPRANOLOL HYDROCHLORIDE see: UB7525000
DL-PROPRANOLOL HYDROCHLORIDE see: UB7526000
PROPRANOLON HYDROCHLORIDE see: UB7525000
beta-PROPROLACTONE see: RQ7350000
PROPROP see: UF0690000
PROPYCIL see: YR1400000
n-PROPYL ACETAL see: AB2827800
PROPYL ACETATE see: AJ3675000
n-PROPYL ACETATE see: AJ3675000
1-PROPYL ACETATE see: AJ3675000
2-PROPYL ACETATE see: AI4930000
PROPYL ACETATE (DOT) see: AJ3675000
PROPYLACETIC ACID see: YV6100000
PROPYL ACETOXYMETHYLNITROSAMINE see: AJ3700000
N-PROPYL-N-(ACETOXYMETHYL)NITROSAMINE see: AJ3700000
beta-PROPYL ACROLEIN see: MP5900000
PROPYLADIPHENIN see: YV7175000
S-PROPYL-N-AETHYL-N-BUTYL-THIOCARBAMAT (German) see: EZ0400000
N-PROPYLAJMALINE see: AX8155800
N-PROPYLAJMALINE BITARTRATE see: AX7750000
N-PROPYLAJMALINE HYDROGEN TARTRATE see: AX7750000
N-PROPYLAJMALINIUM see: AX8155800
N(sup 4)-PROPYLAJMALINIUM see: AX8155800
N-PROPYLAJMALINIUM BITARTRATE see: AX7750000
N-PROPYLAJMALINIUMHYDROGENTARTRAT (German) see: AX7750000
N-PROPYLAJMALINIUM HYDROGEN TARTRATE see: AX7750000
N(sup 4)-PROPYLAJMALINIUM HYDROGEN TARTRATE see: AX7750000

UH8225000 PROPYL ALCOHOL
UPDT:8407 CAS: 71-23-8 MW: 60.11 MOLFM: C3-H8-O
SYN: ALCOOL PROPILICO (Italian) * ALCOOL PROPYLIQUE (French) * ETHYL CARBINOL * 1-HYDROXYPROPANE * OPTAL * OSMOSOL EXTRA * PROPANOL * n-PROPANOL * PROPANOL-1 * 1-PROPANOL * PROPANOL (DOT) * PROPANOLE (German) * PROPANOLEN (Dutch) * PROPANOLO (Italian) * n-PROPYL ALCOHOL * 1-PROPYL ALCOHOL * PROPYL ALCOHOL (DOT) * n-PROPYL ALKOHOL (German) * PROPYLIC ALCOHOL * PROPYLOWY ALKOHOL (Polish) * UN 1274 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 6/28/72
skn-rbt 500 mg/24H MOD 28ZPAK -,34,72
eye-rbt 4 mg open SEV AMIHBC 10,61,54

MUTATION DATA AND REFERENCES:
mmo-esc 4 pph ABMGAJ 23,843,69
cyt-smc 100 mmol/tube HEREAY 33,457,47

TUMORIGENIC DATA AND REFERENCES:
3V01L60P61 orl-rat TDLo:50 gm/kg/81W-I ARGEAR 45,19,75
3V01L60P61 scu-rat TDLo:6 gm/kg/95W-I ARGEAR 45,19,75

TOXICITY DATA AND REFERENCES:
orl-wmn LDLo:5700 mg/kg ATXKA8 16,84,56
* orl-rat LD50:1870 mg/kg AMIHBC 10,61,54
* ihl-rat LCLo:4000 ppm/4H AMIHBC 10,61,54
ipr-rat LDLo:3200 mg/kg ARZNAD 11,73,61
orl-mus LDLo:140 mg/kg AEPPAE 135,118,28
* ihl-mus LC50:48 gm/m3 GTPZAB 18(3),48,74
scu-mus LD50:3230 mg/kg TXAPA9 18,185,71
* ivn-mus LD50:1094 mg/kg AIPTAK 135,330,62
ivn-cat LDLo:40 mg/kg JPETAB 16,1,20
orl-rbt LDLo:3500 mg/kg JLCMAK 10,985,25
* skn-rbt LD50:5040 mg/kg AMIHBC 10,61,54
unk-rbt LDLo:4500 mg/kg THMOAM 6,327,1892
scu-mam LDLo:5 mg/kg ATXKA8 16,84,56

REVIEW AND REFERENCES:
★ TLV-TWA 200 ppm; STEL 250 ppm (skin) DTLVS* 4,348,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ppm (SCP-E) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1401
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

n-PROPYL ALCOHOL see: UH8225000
sec-PROPYL ALCOHOL see: NT8050000
1-PROPYL ALCOHOL see: UH8225000
PROPYL ALCOHOL (DOT) see: UH8225000

UH8840000 PROPYL ALCOHOL, TITANIUM(4+) SALT
UPDT:8401 CAS: 3087-37-4 MW: 287.33 MOLFM: C12-H31-O4 .Ti
SYN: 1-PROPANOL, TITANIUM(4+) SALT (9CI) * TETRAPROPOXY TITANATE * TETRAPROPOXYTITANIUM * TETRAPROPYLTITANATE (DOT) * TITANIUM TETRAPROPOXIDE * TITANIUM TETRAPROPYLATE * UN 2413 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PROPYL ALDEHYDE see: UE0350000
i-PROPYLALKOHOL (German) see: NT8050000
n-PROPYL ALKOHOL (German) see: UH8225000

UH9100000 PROPYLAMINE
UPDT:8408 CAS: 107-10-8 MW: 59.13 MOLFM: C3-H9-N
SYN: 1-AMINOPROPANE * MONO-n-PROPYLAMINE * MONOPROPYLAMINE * MONOPROPYLAMINE (DOT) * PROPANAMINE * 1-PROPYLAMINE * n-PROPYLAMINE * PROPYLAMINE (DOT) * RCRA WASTE NUMBER U194 * UN 1277 (DOT)

IRRITATION DATA AND REFERENCES:
skn-rbt 100 ug/24H open AIHAAP 23,95,62
eye-rbt 720 ug SEV UCDS** 8/12/68

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:570 mg/kg AIHAAP 23,95,62
2J22L01 ihl-rat LC50:2310 ppm/4H AEHLAU 1,343,60
* ihl-mus LC50:2500 mg/m3/2H 85GMAT -,102,82
1R10 skn-rbt LD50:560 mg/kg AIHAAP 23,95,62
* ihl-mam LC50:2500 mg/m3 TPKVAL 14,80,75
* unk-mam LD50:580 mg/kg TPKVAL 14,80,75

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHREAY 9,389,31

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID, LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

n-PROPYLAMINE see: UH9100000
sec-PROPYLAMINE see: NT8400000
1-PROPYLAMINE see: UH9100000
2-PROPYLAMINE see: NT8400000
PROPYLAMINE, N-(1-ACETOXYMETHYL)-N-NITROSO- see: AJ3700000

UH9300000 PROPYLAMINE, 3-BENZIMIDOYL-3,3-DIPHENYL-N,N,1-TRIMETHYL-, HYDROCHLORIDE
UPDT:8312 MW: 393.01 MOLFM: C25-H28-N2 .Cl-H
SYN: 3-BENZIMIDOYL-3,3-DIPHENYL-N,N,1-TRIMETHYL-PROPYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:30 mg/kg JCSOA9 -,648,49

UH9450000 PROPYLAMINE, 3-((1-BENZYLCYCLOHEPTYL)OXY)-N,N-DIMETHYL-, FUMARATE
UPDT:8311 CAS: 14286-84-1 MW: 403.57 MOLFM: C19-H31-N-O .C4-H2-O4
SYN: BENCICLANE * BENCYCLANE * BENCYCLANE FUMARATE * 3-((1-BENZYLCYCLOHEPTYL)OXY)-N,N-DIMETHYLPROPYLAMINE FUMARATE * N-(3-(1-BENZYL-CYCLOHEPTYL-OXY)-PROPYL)-N,N-DIMETHYL-AMMONIUM-HYDROGENFUMARAT (German) * EGYT 201 * FLUDILAT * HALIDO * 1-PROPANAMINE, N,N-DIMETHYL-3-((1-(PHENYLMETHYL)CYCLOHEPTYL)OXY)-, (E)-2-BUTENEDIOATE (1:1)

TOXICITY DATA AND REFERENCES:
orl-rat LD50:414 mg/kg 27ZQAG -,383,72
ipr-rat LD50:86 mg/kg 27ZQAG -,383,72
scu-rat LD50:257 mg/kg 27ZQAG -,383,72
ivn-rat LD50:41 mg/kg 27ZQAG -,383,72
orl-mus LD50:446 mg/kg 27ZQAG -,383,72
ipr-mus LD50:132 mg/kg 27ZQAG -,383,72
scu-mus LD50:203 mg/kg 27ZQAG -,383,72
ivn-mus LD50:50 mg/kg 27ZQAG -,383,72
orl-dog LDLo:300 mg/kg ARZNAD 20,1385,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UH9875000 PROPYLAMINE, (N,N-BIS(2-CHLOROETHYL))-2-METHYL-, HYDROCHLORIDE
UPDT:8305 CAS: 63905-44-2 MW: 234.62 MOLFM: C8-H17-Cl2-N .Cl-H
SYN: N,N-BIS(2-CHLOROETHYL)-2-METHYL-1-PROPYLAMINE HYDROCHLORIDE * DIETHYLAMINE, 2,2'-DICHLORO-N-ISOBUTYL-, HYDROCHLORIDE * ISOBUTYLAMINE, N,N-BIS(2-CHLOROETHYL)-, HYDROCHLORIDE * ISOBUTYLBIS(2-CHLOROETHYL)AMINE HYDROCHLORIDE * 1-PROPANAMINE, N,N-BIS(2-CHLOROETHYL)-2-METHYL-, HYDROCHLORIDE * TL 525

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:4420 ug/kg CANCAR 2,1075,49
scu-mus LDLo:5 mg/kg NDRC** No.9-4-1-9,43

UH9925000 PROPYLAMINE, 3-BROMO-, HYDROBROMIDE
UPDT:8401 CAS: 5003-71-4 MW: 216.93 MOLFM: C3-H8-Br-N .Br-H
SYN: 1-AMINO-3-BROMOPROPANE HYDROBROMIDE * 3-BROMOPROPYLAMINE HYDROBROMIDE * 1-PROPANAMINE, 3-BROMO-, HYDROBROMIDE

TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:1150 mg/kg/8W-I CNREA8 39,391,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UI0260000 PROPYLAMINE, N-(2-CHLOROETHYL)-3-(DIETHYLMETHYLSILYL)-N-METHYL-, HYDROCHLORIDE
UPDT:8312 MW: 272.38 MOLFM: C11-H26-Cl-N-Si .Cl-H
SYN: N-(2-CHLOROETHYL)-3-(DIETHYLMETHYLSILYL)-N-METHYL-PROPYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:145 mg/kg PCJOAU 16,764,82

UI0450000 PROPYLAMINE, N-(2-CHLOROETHYL)-N-METHYL-3-(TRIETHYLSILYL)-, HYDROCHLORIDE
UPDT:8312 MW: 286.41 MOLFM: C12-H28-Cl-N-Si .Cl-H
SYN: N-(2-CHLOROETHYL)-N-METHYL-3-(TRIETHYLSILYL)PROPYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:66 mg/kg PCJOAU 16,764,82

UI0515000 2-PROPYLAMINE, 1-(2-CHLORO-5-METHYLPHENOXY)-N-(2-(DIPHENYLMETHOXY)ETHYL)-, (E)-2-BUTENEDIOATE (2:1)
UPDT:8311 MW: 467.99 MOLFM: C25-H28-Cl-N-O2 .1/2C4-H4-O4
SYN: 1-(2-CHLORO-5-METHYLPHENOXY)-N-(2-(DIPHENYLMETHOXY)ETHYL)-2-PROPYLAMINE HEMIFUMARATE * DAN-2815

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:830 mg/kg EJMCA5 12,459,77
* ipr-mus LD50:160 mg/kg EJMCA5 12,459,77

UI0545000 1-PROPYLAMINE, 2-(p-CHLOROPHENOXY)-2-METHYL-, HYDROCHLORIDE
UPDT:8402 MW: 236.16 MOLFM: C10-H14-Cl-N-O .Cl-H
SYN: 2-(p-CHLOROPHENOXY)-2-METHYL-1-PROPYLAMINE HYDROCHLORIDE * 2-(4-CLOROFENOSSI)-2-METILPROPILAMINA CLORIDRATA (Italian)

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg FRPSAX 38,664,83

UI0670200 1-PROPYLAMINE, 3-CHLORO-N,N,2-TRIMETHYL-
UPDT:8311 MW: 135.66 MOLFM: C6-H14-Cl-N
SYN: 1-CHLORO-2-METHYL-3-DIMETHYLAMINOPROPANE * 3-CHLORO-N,N,2-TRIMETHYL-1-PROPYLAMINE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg MLD FCTOD7 20,563,82
eye-rbt 100 mg MOD FCTOD7 20,573,82
eye-rbt 100 mg/45 rns MLD FCTOD7 20,573,82

UI0672500 PROPYLAMINE, N-(2-CYCLOHEXYL-1-METHYLETHYL)-3,3-DIPHENYL-, HYDROCHLORIDE
UPDT:8405 CAS: 59182-63-7 MW: 372.04 MOLFM: C24-H33-N .Cl-H
SYN: BENZENEPROPANAMINE, N-(2-CYCLOHEXYL-1-METHYLETHYL)-PHENYL-, HYDROCHLORIDE (8CI) * BENZENEPROPANAMINE, N-(2-CYCLOHEXYL-1-METHYLETHYL)-gamma-PHENYL-, HYDROCHLORIDE * N-(2-CYCLOHEXYL-1-METHYLETHYL)-3,3-DIPHENYLPROPYLAMINE HYDROCHLORIDE * DROPRENILAMINE HYDROCHLORIDE * MG 8926 * VALCOR

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1550 mg/kg ARZNAD 26,2127,76

ipr-rat LD50:65 mg/kg ARZNAD 26,2127,76
orl-mus LD50:2850 mg/kg ARZNAD 26,2127,76
ipr-mus LD50:68 mg/kg ARZNAD 26,2127,76

UI0672750 1-PROPYLAMINE, 3-((4,6-DIACETYL-7-BENZOFURANYL)OXY)-N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8412 MW: 339.85 MOLFM: C17-H21-N-O4 .Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:150 mg/kg APFRAD 41,603,83

UI0672770 1-PROPYLAMINE, 3-((4,6-DIACETYL-7-BENZOFURANYL)OXY)-N,N,2-TRIMETHYL-, HYDROCHLORIDE
UPDT:8412 MW: 353.88 MOLFM: C18-H23-N-O4 .Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:75 mg/kg APFRAD 41,603,83

UI0673500 1-PROPYLAMINE, 2,2'-((DIBUTYLGERMYLENE)DITHIC)BIS-
UPDT:8408 MW: 367.21 MOLFM: C14-H34-Ge-N2-S2
SYN: 2,2'-((DIBUTYLGERMYLENE)DITHIO)BIS(1-PROPYLAMINE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg EJMCA5 19,119,84

UI0674200 PROPYLAMINE, 3-(2,4-DICHLOROBENZYLTHIO)-N,N-DIETHYL-, HYDROCHLORIDE
UPDT:8405 MW: 342.78 MOLFM: C14-H21-Cl2-N-S .Cl-H
SYN: 3-(2,4-DICHLOROBENZYLTHIO)-N,N-DIETHYL PROPYLAMINE HYDROCHLORIDE * N,N-DIETHYL-(5-(2,4-DICHLOROPHENYL)-4-THIAPENTYL)AMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F12J25 ivn-rat LD50:28330 ug/kg JAPMA8 41,216,52

UI0674620 2-PROPYLAMINE, 1,3-DICHLORO-N,N-DIETHYL-, HYDROCHLORIDE
UPDT:8305 MW: 220.59 MOLFM: C7-H15-Cl2-N .Cl-H
SYN: 1,3-DICHLORO-2-DIETHYLAMINOPROPANE HYDROCHLORIDE * 1,3-DICHLORO-N,N-DIETHYL-2-PROPYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1V30 ipr-rat LD50:175 mg/kg CPBTAL 8,807,60

UI0674900 2-PROPYLAMINE, 1-(3,4-DICHLOROPHENOXY)-N-(2-(DIPHENYLMETHOXY)ETHYL)-, (E)-2-BUTENEDIOATE (2:1)
UPDT:8311 MW: 488.41 MOLFM: C24-H25-Cl2-N-O2 .1/2C4-H4-O4
SYN: DAN-2812 * 1-(3,4-DICHLOROPHENOXY)-N-(2-(DIPHENYLMETHOXY)ETHYL)-2-PROPYLAMINE HEMIFUMARATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:360 mg/kg EJMCA5 12,459,77

UI0854000 PROPYLAMINE, N,N-DIETHYL-3-(p-(6-METHOXY-2-PHENYL-3-BENZOFURANYL)PHENOXY)-, HYDROCHLORIDE
UPDT:8403 CAS: 25433-67-4 MW: 466.06 MOLFM: C28-H31-N-O3 .Cl-H
SYN: N,N-DIETHYL-3-(p-(6-METHOXY-2-PHENYL-3-BENZOFURANYL)PHENOXY)PROPYLAMINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:100 mg/kg (1-5D preg) JMCMAR 13,54,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UI0880000 PROPYLAMINE, N,N-DIETHYL-3-((beta-METHYLPHENETHYL)OXY)-
UPDT:8411 CAS: 27078-40-6 MW: 249.44 MOLFM: C16-H27-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:125 mg/kg CHTPBA 5,10,70

UI0900500 PROPYLAMINE, N,N-DIETHYL-3-(PHENETHYLOXY)-
UPDT:8411 CAS: 27078-38-2 MW: 235.41 MOLFM: C15-H25-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:125 mg/kg CHTPBA 5,10,70

UI0901000 PROPYLAMINE, N,N-DIETHYL-2-(p-PHENETHYLPHENOXY)-
UPDT:8305 MW: 311.51 MOLFM: C21-H29-N-O
SYN: N,N-DIETHYL-2-(p-PHENETHYLPHENOXY)PROPYLAMINE * 4-((alpha-METHYL-beta-DIETHYLAMINO)ETHYL)OXYDIPHENYLETHANE * M.G. 1174
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:62 mg/kg AIPTAK 103,371,55

UI0901010 PROPYLAMINE, N,N-DIETHYL-3-(p-PHENETHYLPHENOXY)-
UPDT:8305 MW: 311.51 MOLFM: C21-H29-N-O
SYN: 4-(gamma-(DIETHYLAMINO)PROPYL)OXYDIPHENYLETHANE * N,N-DIETHYL-3-(p-(PHENETHYLPHENOXY)PROPYLAMINE * M.G. 1229
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:58 mg/kg AIPTAK 103,371,55

UI0925000 PROPYLAMINE, N,N-DIETHYL-3-(3-PHENYLPROPOXY)-
UPDT:8411 CAS: 27078-39-3 MW: 249.44 MOLFM: C16-H27-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:60 mg/kg CHTPBA 5,10,70

UI0960000 PROPYLAMINE, N,N-DIETHYL-2-(p-STYRYLPHENOXY)-
UPDT:8305 MW: 309.49 MOLFM: C21-H27-N-O
SYN: N,N-DIETHYL-2-(p-STYRYLPHENOXY)PROPYLAMINE * 4-((alpha-METHYL-beta-DIETHYLAMINO)ETHYL)OXYSTILBENE * M.G. 1220
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:86 mg/kg AIPTAK 103,371,55

UI0960100 PROPYLAMINE, N,N-DIETHYL-3-(p-STYRYLPHENOXY)-
UPDT:8305 MW: 309.49 MOLFM: C21-H27-N-O
SYN: 4-(gamma-DIETHYLAMINOPROPYL)OXYSTILBENE * N,N-DIETHYL-3-(p-STYRYLPHENOXY)PROPYLAMINE * M.G. 1230
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:97 mg/kg AIPTAK 103,371,55

UI0975000 PROPYLAMINE, 3-((6,11-DIHYDRODIBENZO(b,e)THIEPIN-11-YL)OXY)-N,N-DIMETHYL-, FUMARATE (1:1)
UPDT:8412 CAS: 861-47-2 MW: 429.57 MOLFM: C19-H23-N-O-S .C4-H4-O4
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:53 mg/kg ARZNAD 15,524,65

UI0980000 1-PROPYLAMINE, 2,2'-((DIISOPENTYLGERMYLENE)DITHIO)BIS-
UPDT:8408 MW: 395.27 MOLFM: C16-H38-Ge-N2-S2
SYN: 2,2'-((DIISOPENTYLGERMYLENE)DITHIO)BIS(1-PROPYLAMINE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg EJMCA5 19,119,84

UI0990000 PROPYLAMINE, N,N-DIMETHYL-
UPDT:8312 CAS: 926-63-6 MW: 87.19 MOLFM: C5-H13-N
SYN: DIMETHYLPROPYLAMINE * N,N-DIMETHYLPROPYLAMINE * DIMETHYL-N-PROPYLAMINE (DOT) * 1-PROPANAMINE, N,N-DIMETHYL- * PROPYLDIMETHYLAMINE * UN 2266 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID, CORROSIVE CFRGBR 49,172.102,83

UI1100000 PROPYLAMINE, 1,2-DIMETHYL-
UPDT:8408 CAS: 598-74-3 MW: 87.19 MOLFM: C5-H13-N
SYN: iso-AMYLAMINE * 2-BUTANAMINE, 3-METHYL- (9CI) * 1,2-DIMETHYLPROPANAMINE * 1,2-DIMETHYLPROPYLAMINE
TOXICITY DATA AND REFERENCES:
3F12F19J26 ipr-mus LD50:279 mg/kg JJPAAZ 17,475,67

UI1480000 1-PROPYLAMINE, 2,2'-((alpha,p-DIMETHYLBENZYLIDENE)DITHIO)BIS-
UPDT:8408 MW: 298.55 MOLFM: C15-H26-N2-S2
SYN: 2,2'-((alpha,p-DIMETHYLBENZYLIDENE)DITHIO)BIS(1-PROPYLAMINE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg EJMCA5 19,119,84

UI1555000 PROPYLAMINE, N,N-DIMETHYL-3-(DIBENZO(b,e)THIEPIN-delta-sup(11(6H),gamma))-
UPDT:8412 CAS: 113-53-1 MW: 295.47 MOLFM: C19-H21-N-S
SYN: 3-DIBENZO(b,e)THIEPIN-11(6H)-YLIDENE-N,N-DIMETHYL-1-PROPAMINE * 11-(3-DIMETHYLAMINOPROPYLIDENE)-6,11-DIHYDRODIBENZO(b,e)THIEPIN * N,N-DIMETHYLDIBENZO(b,e)THIEPIN-delta-sup(11(6H),gamma)PROPYLAMINE * DOSULEPIN * DOTHIEPIN * IZ 914 * PROTHIADEN * PROTHIADEN SPOFA
MUTATION DATA AND REFERENCES:
cyt-mus-ipr 100 mg/kg ACNSAX 15,114,73
dlt-mus-ipr 150 mg/kg ACNSAX 15,114,73
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 ipr-mus TDLo:150 mg/kg (6D male) ACNSAX 15,114,73
TOXICITY DATA AND REFERENCES:
1F17 orl-wmn TDLo:4500 ug/kg BMJOAE 2,97,77
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UI1561000 1-PROPYLAMINE, 2,2-DIMETHYL-3-(DIPHENYLPHOSPHINYL)-
UPDT:8402 MW: 271.37 MOLFM: C17-H22-N-P
SYN: 3-DIMETHYLAMINOPROPYLDIPHENYLPHOSPHINE * 2,2-DIMETHYL-3-(DIPHENYLPHOSPHINYL)-1-PROPYLAMINE
TOXICITY DATA AND REFERENCES:
3A11F07F17 unk-mus LDLo:50 mg/kg JPMSAE 54,1063,65

UI1566000 1-PROPYLAMINE, 2,2'-((DIMETHYLGERMYLENE)DITHIO)BIS-
UPDT:8408 MW: 283.03 MOLFM: C8-H22-Ge-N2-S2
SYN: 2,2'-((DIMETHYLGERMYLENE)DITHIO)BIS(1-PROPYLAMINE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg EJMCA5 19,119,84

UI1610000 1-PROPYLAMINE, 2,2'-((2,8-DIMETHYL-5,5-NONYLIDENE)DITHIO)BIS-
UPDT:8408 MW: 334.69 MOLFM: C17-H38-N2-S2
SYN: 2,2'-((2,8-DIMETHYL-5,5-NONYLIDENE)DITHIO)BIS(1-PROPYLAMINE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1200 mg/kg EJMCA5 19,119,84

UI2505000 1-PROPYLAMINE, 2,2'-((DIPENTYLGERMYLENE)DITHIO)BIS-
UPDT:8408 MW: 395.27 MOLFM: C16-H38-Ge-N2-S2
SYN: 2,2'-((DIPENTYLGERMYLENE)DITHIO)BIS(1-PROPYLAMINE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg EJMCA5 19,119,84

UI2515000 1-PROPYLAMINE, 3,3-DIPHENYL-, HYDROCHLORIDE
UPDT:8309 MW: 247.79 MOLFM: C15-H17-N .Cl-H
SYN: DIPHENYLPROPYLAMINE HYDROCHLORIDE * 3,3-DIPHENYLPROPYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:75 mg/kg TAKHAA 31,453,72

UI2516000 2-PROPYLAMINE, N-(2-(DIPHENYLMETHOXY)ETHYL)-N-METHYL-1-PHENOXY-, (+-)-, ETHANEDIOATE (2:1)
UPDT:8311 MW: 420.53 MOLFM: C25-H29-N-O2 .1/2C2-H2-O4
SYN: DAN 2854 * (+-)-N-(2-(DIPHENYLMETHOXY)ETHYL)-N-METHYL-1-PHENOXY-2-PROPYLAMINE HEMIOXALATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:467 mg/kg EJMCA5 12,459,77
* ipr-mus LD50:196 mg/kg EJMCA5 12,459,77

UI2516300 2-PROPYLAMINE, N-(2-(DIPHENYLMETHOXY)ETHYL)-1-(3-METHYLPHENOXY)-, ETHANEDIOATE (2:1)
UPDT:8311 CAS: 62098-99-1 MW: 420.53 MOLFM: C25-H29-N-O2 .1/2C2-H2-O4
SYN: DAN 2806 * N-(2-(DIPHENYLMETHOXY)ETHYL)-1-(3-METHYLPHENOXY)-2-PROPYLAMINE HEMIOXALATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:950 mg/kg EJMCA5 12,459,77
* ipr-mus LD50:100 mg/kg EJMCA5 12,459,77

UI2516700 2-PROPYLAMINE, N-(2-(DIPHENYLMETHOXY)ETHYL)-1-(1-NAPHTHALENYLOXY)-, ETHANEDIOATE (2:1)
UPDT:8311 CAS: 62098-97-9 MW: 456.56 MOLFM: C28-H29-N-O2 .1/2C2-H2-O4
SYN: DAN 2805 * N-(2-(DIPHENYLMETHOXY)ETHYL)-1-(1-NAPHTHALENYLOXY)-2-PROPYLAMINE HEMIOXALATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:270 mg/kg EJMCA5 12,459,77

UI2516800 2-PROPYLAMINE, N-(2-(DIPHENYLMETHOXY)ETHYL)-1-(4-NITROPHENYL)-, (E)-2-BUTENEDIOATE (2:1)
UPDT:8311 MW: 448.57 MOLFM: C26-H26-N2-O3 .1/2C4-H4-O4
SYN: DAN 2813 * N-(2-(DIPHENYLMETHOXY)ETHYL)-1-(4-NITROPHENYL)-2-PROPYLAMINE HEMIFUMARATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:484 mg/kg EJMCA5 12,459,77
* ipr-mus LD50:425 mg/kg EJMCA5 12,459,77

UI2517000 2-PROPYLAMINE, N-(2-(DIPHENYLMETHOXY)ETHYL)-1-PHENOXY-, HYDROCHLORIDE
UPDT:8311 CAS: 62098-95-7 MW: 397.98 MOLFM: C24-H27-N-O2 .Cl-H
SYN: DAN 2804 * N-(2-(DIPHENYLMETHOXY)ETHYL)-1-PHENOXY-2-PROPYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:450 mg/kg EJMCA5 12,459,77
* ipr-mus LD50:110 mg/kg EJMCA5 12,459,77

UI2517200 2-PROPYLAMINE, N-(2-(DIPHENYLMETHOXY)ETHYL)-1-(2-(2-PROPENYL)PHENOXY)-, ETHANEDIOATE (2:1)
UPDT:8311 CAS: 62099-07-4 MW: 446.57 MOLFM: C27-H31-N-O2 .1/2C2-H2-O4
SYN: DAN 2814 * N-(2-(DIPHENYLMETHOXY)ETHYL)-1-(2-(2-PROPENYL)PHENOXY)-2-PROPYLAMINE HEMIOXALATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:415 mg/kg EJMCA5 12,459,77

UI2560000 PROPYLAMINE, 3,3-DIPHENYL-N,N,1-TRIMETHYL-, HYDROBROMIDE
UPDT:8312 MW: 334.34 MOLFM: C18-H23-N .Br-H
SYN: 3-DIMETHYLAMINO-1,1-DIPHENYLBUTANE HYDROBROMIDE * 3,3-DIPHENYL-N,N,1-TRIMETHYL-PROPYLAMINE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
2F29J25 ivn-mus LD50:20 mg/kg JCSOA9 ,648,49

PROPYLAMINE (DOT) see: UH9100000

UI2820000 PROPYLAMINE, 3-((2-ETHYLHEXYL)OXY)-
UPDT:8412 CAS: 5397-31-9 MW: 187.37 MOLFM: C11-H25-N-O
SYN: 2-ETHYLHEXYL 3-AMINOPROPYL ETHER * 2-ETHYLHEXYLOXYPROPYLAMINE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 4,119,51
eye-rbt 50 ug open SEV AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:320 mg/kg AMIHBC 4,119,51
* skn-rbt LD50:360 mg/kg AMIHBC 4,119,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UI2845000 PROPYLAMINE, 3-(ETHYLTHIO)-3-PHENYL-, HYDROCHLORIDE
UPDT:8406 MW: 231.81 MOLFM: C11-H17-N-S .Cl-H
SYN: gamma-ETHYLTHIO-gamma-PHENYLPROPYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:140 mg/kg JPPMAB 7,1022,55

UI3060000 PROPYLAMINE, N-(HYDROPEROXYMETHYL)-N-NITROSO-
UPDT:8303 MW: 134.16 MOLFM: C4-H10-N2-O3
SYN: N-(HYDROPEROXYMETHYL)-N-NITROSOPROPYLAMINE * N-PROPYL-N-(HYDROPEROXYMETHYL)NITROSAMINE
MUTATION DATA AND REFERENCES:
msc-ham:lng 100 umol/L GANNA2 73,522,82

UI3150000 PROPYLAMINE, N-(2-HYDROXYPROPYL)-N-NITROSO-
UPDT:8401 CAS: 39603-53-7 MW: 146.22 MOLFM: C6-H14-N2-O2
SYN: 2-HPPN * beta-HPPN * beta-HYDROXYPROPYLPROPYLNITROSAMINE * (2-HYDROXYPROPYL)PROPYLNITROSOAMINE * N-NITROSO-2-HYDROXY-n-PROPYL-n-PROPYLAMINE * 1-(NITROSOPROPYLAMINO)-2-PROPANOL
MUTATION DATA AND REFERENCES:
mmo-sat 500 nmol/plate ZKKOBW 86,293,76
TUMORIGENIC DATA AND REFERENCES:
3V01A60D09 scu-rat TDLo:3500 mg/kg/55W-I JNCIAM 54,937,75
3V01J60L60 scu-mus TDLo:3272 mg/kg/53W-I ZKKOBW 91,189,78
3V01J60K60 scu-ham TDLo:2630 mg/kg/36W-I ZKKOBW 90,141,77
3V02T65J60 scu-ham TDLo:100 mg/kg (14D preg) ZKKOBW 90,119,77
3V03J60L60 scu-ham TD :1150 mg/kg/23W-I JNCIAM 51,287,73
3V01J60L60 scu-mus TD :4800 mg/kg/39W-I ZKKOBW 91,189,78
TOXICITY DATA AND REFERENCES:
scu-rat LD50:1273 mg/kg JNCIAM 54,937,75
scu-mus LD50:1235 mg/kg ZKKOBW 91,189,78
scu-ham LD50:1500 mg/kg JNCIAM 52,1245,74
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 17,177,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROPYLAMINE, 3,3'-IMINOBIS- see: JL9450000

UI3326000 2-PROPYLAMINE, 3-ISOBUTOXY-, SULFATE
UPDT:8405 MW: 229.33 MOLFM: C7-H17-N-O .H2-O4-S
SYN: 2-AMINO-3-(2-METHYLPROPOXY)PROPANE SULFATE * COMPOUND D-9 * 3-ISOBUTOXY-2-PROPYLAMINE SULFATE
TOXICITY DATA AND REFERENCES:
1F12 ivn-rat LD50:98 mg/kg JAPMA8 42,107,53
1F12 ivn-mus LD50:40 mg/kg JAPMA8 42,107,53

UI3330000 1-PROPYLAMINE, 2,2'-ISOPROPYLIDENEDITHIOBIS-
UPDT:8408 MW: 222.45 MOLFM: C9-H22-N2-S2
SYN: 2,2'-ISOPROPYLIDENEDITHIOBIS(1-PROPYLAMINE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg EJMCA5 19,119,84

UI3340000 PROPYLAMINE, 1-METHOXY-N-NITROSO-N-PROPYL-
UPDT:8401 CAS: 53230-00-3
SYN: alpha-DIPROPYLNITROSAMINE METHYL ETHER * 1-METHOXYPROPYLPROPYLNITROSAMIN (German) * 1-METHOXYPROPYLPROPYLNITROSAMINE * 1-MPPN
TUMORIGENIC DATA AND REFERENCES:
3V02J60K60 scu-ham TDLo:555 mg/kg/37W-I ZKKOBW 90,215,77
TOXICITY DATA AND REFERENCES:
scu-ham LD50:458 mg/kg ZKKOBW 90,215,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROPYLAMINE, 1-METHYL see: EO3325000

UI3348000 1-PROPYLAMINE, 2,2'-((alpha-METHYLBENZYLIDENE)DITHIO)BIS-
UPDT:8408 MW: 270.49 MOLFM: C13-H22-N2-S2
SYN: 2,2'-((alpha-METHYLBENZYLIDENE)DITHIO)BIS(1-PROPYLAMINE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:650 mg/kg EJMCA5 19,119,84

UI3850000 PROPYLAMINE, N-METHYL-N-NITROSO-
UPDT:8412 CAS: 924-46-9 MW: 102.16 MOLFM: C4-H10-N2-O
SYN: N-METHYL-N-NITROSO-1-PROPANAMINE * METHYLPROPYLNITROSOAMINE * METHYL-n-PROPYLNITROSAMINE * MPN * NITROSOMETHYL-n-PROPYLAMINE * NITROSOMETHYLPROPYLAMINE
MUTATION DATA AND REFERENCES:
mmo-sat 500 nmol/plate ZKKOBW 86,293,76
mmo-esc 196 mmol/L CRNGDP 2,909,81
hma-mus/esc 1180 umol/kg CRNGDP 2,909,81
mmo-ham:lng 10 mmol/L CNREA8 37,1044,77
msc-ham:lng 700 umol/L 50EYAN -,241,83
TUMORIGENIC DATA AND REFERENCES:
3V03D09K60 orl-rat TDLo:160 mg/kg/23W-I JJIND8 70,959,83
3V02D09K60 scu-rat TDLo:240 mg/kg/45W-I JNCIAM 54,937,75
3V01D09J60 scu-mus TDLo:185 mg/kg/48W-I ZKKOBW 90,253,77
3V01J60K60 scu-ham TDLo:1250 mg/kg/24W-I ZKKOBW 90,141,77
3V02T65J60 scu-ham TDLo:100 mg/kg (14D preg) ZKKOBW 90,119,77
3V03J60L60 scu-ham TD :225 mg/kg/18W-I JNCIAM 51,287,73
TOXICITY DATA AND REFERENCES:
scu-rat LD50:106 mg/kg JNCIAM 54,937,75
scu-mus LD50:77 mg/kg ZKKOBW 90,253,77
scu-ham LD50:493 mg/kg JNCIAM 52,457,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UI3990000 1-PROPYLAMINE, 2,2'-((METHYLPHENYLGERMYLENE)DITHIO)BIS-
UPDT:8408 MW: 345.10 MOLFM: C13-H24-Ge-N2-S2
SYN: 2,2'-((METHYLPHENYLGERMYLENE)DITHIO)BIS(1-PROPYLAMINE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg EJMCA5 19,119,84

UI4110000 1-PROPYLAMINE, 2,2'-((METHYL(p-TOLYL)GERMYLENE)DITHIO)BIS-
UPDT:8408 MW: 359.13 MOLFM: C14-H26-Ge-N2-S2
SYN: 2,2'-((METHYL(p-TOLYL)GERMYLENE)DITHIO)BIS(1-PROPYLAMINE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg EJMCA5 19,119,84

PROPYLAMINE, N-NITROSO-N-DI- see: JL9700000

UI4400000 1-PROPYLAMINE, 2,2'-((5,5-NONYLIDENE)DITHIO)BIS-
UPDT:8408 MW: 306.63 MOLFM: C15-H34-N2-S2
SYN: 2,2'-((5,5-NONYLIDENE)DITHIO)BIS(1-PROPYLAMINE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg EJMCA5 19,119,84

UI4550000 PROPYLAMINE, N-(2-OXOPROPYL)-N-NITROSO-
UPDT:8401 CAS: 39603-54-8 MW: 144.20 MOLFM: C6-H12-N2-O2
SYN: N-NITROSO-2-OXO-n-PROPYL-n-PROPYLAMINE * 1-(NITROSOPROPYLAMINO)-2-PROPANONE * beta-OPPN * 2-OPPN * 2-OXI-PROPYL-PROPYLNITROSAMIN (German) * 2-OXO-PROPYL-PROPYLNITROSAMINE * (2-OXOPROPYL)PROPYLNITROSOAMINE * beta-OXYPROPYLPROPYLNITROSAMINE
MUTATION DATA AND REFERENCES:
mmo-sat 500 nmol/plate ZKKOBW 86,293,76
TUMORIGENIC DATA AND REFERENCES:
2V01L60 scu-rat TDLo:3100 mg/kg/33W-I ZKKOBW 81,23,74
3V01J60L60 scu-mus TDLo:1688 mg/kg/56W-I ZKKOBW 91,189,78
3V01J60K60 scu-ham TDLo:2450 mg/kg/34W-I ZKKOBW 90,141,77
3V02T65J60 scu-ham TDLo:100 mg/kg (14D preg) ZKKObW 90,119,77
3V03J60L60 scu-ham TD :700 mg/kg/14W-I JNCIAM 51,287,73
3V01J60L60 scu-mus TD :2352 mg/kg/39W-I ZKKOBW 91,189,78
TOXICITY DATA AND REFERENCES:
scu-rat LD50:424 mg/kg ZKKOBW 81,23,74
scu-mus LD50:603 mg/kg ZKKOBW 91,189,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UI5205000 PROPYLAMINE, N,2,2-TRIMETHYL-N-NITROSO-
UPDT:8401 CAS: 31820-22-1 MW: 130.22 MOLFM: C6-H14-N2-O
SYN: NITROSOMETHYLNEOPENTYLAMINE * NMNA * N,2,2-TRIMETHYL-N-NITROSO-1-PROPYLAMINE
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:200 mg/kg/22W-I JJIND8 68,681,82
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UI5230000 1-PROPYLAMINE, 2,2'-((6,6-UNDECYLIDENE)DITHIO)BIS-
UPDT:8408 MW: 334.69 MOLFM: C17-H38-N2-S2
SYN: 2,2'-((6,6-UNDECYLIDENE)DITHIO)BIS(1-PROPYLAMINE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg EJMCA5 19,119,84

2-((PROPYLAMINO)METHYL)HEXAHYDRO-1-INDANONE HYDROCHLORIDE see: NK7537600
2-((PROPYLAMINO)METHYL)-3-METHYLHEXAHYDRO-1-INDANONE HYDROCHLORIDE see: NK7537700
2-((PROPYLAMINO)METHYL)-4,5,6,7-TETRAHYDRO-1-INDANONE HYDROCHLORIDE see: NK7539500
(p-PROPYLAMINOPHENYL)PHOSPHONIC ACID see: TA0421000
p-n-PROPYL ANISOLE see: BZ9450000
4-PROPYLANISOLE see: BZ9450000
4-n-PROPYLANISOLE see: BZ9450000
PROPYL ASEPTOFORM see: DH2F00000
2-PROPYL-2-AZASPIRO(4.4)NONANE-1,3-DIONE see: CM0167200
5-n-PROPYL-1,2-BENZANTHRACENE see: CX3050000
n-PROPYLBENZENE see: DA8750000
PROPYL BENZENE (DOT) see: DA8750000
p-((2-PROPYLBENZIMIDAZOL-1-YLMETHYL)AMINO)BENZOIC ACID HYDRAZIDE see: DH6512820
PROPYL 1,4-BENZODIOXAN-2-CARBOXYLATE see: DF3518000
5-PROPYL-1,3-BENZODIOXOLE see: DA6125000
5-PROPYLBENZO(c)PHENANTHRENE see: DI9860000
(+-)-1-n-PROPYL-3-BENZOYL-3-BENZOYLOXYPIPERIDINE HYDROCHLORIDE see: OB4502500
2-n-PROPYL-3:4-BENZPHENANTHRENE see: DI9860000
1-PROPYLBIGUANIDE HEMISULFATE see: DU2568000
PROPYL BROMIDE see: TX4110000
5-(n-PROPYL)-5-(2-BROMOALLYL)BARBITURIC ACID see: CQ1401000
S-PROPYL BUTYLETHYLTHIOCARBAMATE see: EZ0400000
N-PROPYL-N-BUTYLNITROSAMINE see: EJ4100000
n-PROPYL-3-tert-BUTYLPHENOXYACETATE see: AF7479000
PROPYL CARBAMATE see: FD0875000
n-PROPYL CARBAMATE see: FD0875000
PROPYLCARBAMIC ACID 1-(1,1-DIETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER HYDROCHLORIDE see: FD0869000
PROPYLCARBAMIC ACID 1-(1,1-DIMETHYL-2-PROPYNYL)-3-AZETIDINYL ESTER HYDROCHLORIDE see: FD0870000
PROPYLCARBAMIC ACID 1-(1-ETHYNYLCYCLOHEXYL)-3-AZETIDINYL ESTER HYDROCHLORIDE see: FD1051000
PROPYLCARBINOL see: EO1400000
n-PROPYLCARBINYL CHLORIDE see: EJ6300000
PROPYL CELLOSOLVE see: KM2800000
PROPYL CHEMOSEPT see: DH2800000
PROPYL CHLORIDE see: TX4400000
PROPYL CHLORIDE (DOT) see: TX4400000
N-PROPYL-N'-(p-CHLOROBENZENESULFONYL)UREA see: YS6650000
1-PROPYL-3-(p-CHLOROBENZENESULFONYL)UREA see: YS6650000
PROPYL CHLOROCARBONATE see: LQ6830000
N-PROPYL-N-(2-CHLOROETHYL)-alpha,alpha,alpha-TRIFLUORO-2,6-DINITRO-p-TOLUIDINE see: XU5160000
PROPYL CHLOROFORMATE see: LQ6830000
n-PROPYL CHLOROFORMATE see: LQ6830000
n-PROPYL CHLOROFORMATE (DOT) see: LQ6830000
O-PROPYL-S-(p-CHLOROPHENYL) CHLOROMETHYLPHOSPHONODITHIOATE see: TA4200000
N-PROPYL-N'-p-CHLORPHENYLSULFONYLCARBAMIDE see: YS6650000
PROPYL CYANIDE see: ET8750000
3-PROPYL-CYCLOBUTANECARBOXYLIC ACID see: GU1365000
PROPYLDIAZOTATE POTASSIUM SALT see: QY9226000
PROPYL p,p'-DICHLOROBENZILATE see: DD2450000
PROPYL(4-((DIETHYLCARBAMOYL)METHOXY)-3-METHOXYPHENYL)ACETATE see: AG9625000
S-PROPYL S-DIETHYLSUCCINATE METHYL PHOSPHONOTRITHIOATE see: WM8550000
PROPYL-3,5-DIIODO-4-OXO-1(4H)PYRIDINEACETATE see: UR8925000
PROPYL 3,5-DIIODO-4-PYRIDONE-N-ACETATE see: UR8925000
PROPYLDIMETHYLAMINE see: UI0990000
4'-n-PROPYL-4-DIMETHYLAMINOAZOBENZENE see: BX7700000
PROPYL (3-(DIMETHYLAMINO)PROPYL)CARBAMATE MONOHYDROCHLORIDE see: EZ8860000
5-n-PROPYL-9,10-DIMETHYL-1,2-BENZANTHRACENE see: CW4550000
S-PROPYL DIPROPYLTHIOCARBAMATE see: FA4725000
S-PROPYLDIPROPYLTHIOCARBAMATE plus R-25788 see: FD3840000
PROPYL N,N-DIPROPYLTHIOLCARBAMATE see: FA4725000
n-PROPYL-DI-n-PROPYLTHIOLCARBAMATE see: FA4725000

UI9810000 PROPYL DISELENIDE
UPDT:8009 CAS: 7361-89-9 MW: 244.12 MOLFM: C6-H14-Se2
SYN: DI-n-PROPYL DISELENIDE * DISELENIDE, DIPROPYL- (9CI)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#09238
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

16-beta-PROPYL-8-alpha-E(sub 2) see: KG7640000
PROPYL-E 600 see: TC5600000
PROPYLENE see: UC6740000
1-PROPYLENE see: UC6740000
PROPYLENE ALDEHYDE see: GP9625000
PROPYLENE BISDITHIOCARBAMATE see: PX4520050
PROPYLENEBIS(DITHIOCARBAMATO)ZINC see: ZH4950000
2,2'''-(PROPYLENEBIS(p-PHENYLENEOXY))BIS(TRIETHYLAMINE) DIHYDROCHLORIDE see: YE2320000
(PROPYLENEBIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE) see: BS4034500
PROPYLENE CHLORIDE see: TX9625000
PROPYLENECHLOROHYDRIN see: UA8925000
PROPYLENE CHLOROHYDRIN (DOT) see: UA8925000
PROPYLENEDIAMINE see: TX6650000
1,3-PROPYLENEDIAMINE see: TX6825000
PROPYLENE DIAMINE (DOT) see: TX6650000
PROPYLENE DIBROMIDE see: TX8574000

PROPYLENE DICHLORIDE see: UC8300000
PROPYLENE DICHLORIDE see: TX9625000
alpha,beta-PROPYLENE DICHLORIDE see: TX9625000
PROPYLENE DICHLORIDE (DOT) see: TX9350000
PROPYLENE DIMETHANESULFONATE see: TY5400000
PROPYLENE DINITRATE see: TY6300000
1,1'-(PROPYLENEDIOXY)BIS(3-CHLORO-2-PROPANOL) see: UB9355200
PROPYLENE (DOT) see: UC6740000
PROPYLENE GLYCOL see: TY2000000
alpha-PROPYLENEGLYCOL see: TY2000000
1,2-PROPYLENE GLYCOL see: TY2000000
PROPYLENE GLYCOL, ALLYL ETHER see: UA4900000
2,4-D PROPYLENE GLYCOL BUTYL ETHER ESTER see: AG7800000
2,4,5-T PROPYLENE GLYCOL BUTYL ETHER ESTER see: AJ8440000
PROPYLENE GLYCOL 1,2-DINITRATE see: TY6300000
1,2-PROPYLENE GLYCOL DINITRATE see: TY6300000
PROPYLENE GLYCOL METHYL ETHER see: UB7700000
PROPYLENE GLYCOL MONOACRYLATE see: AT1925000
PROPYLENE GLYCOL MONO-n-BUTYL ETHER see: UA7525000
PROPYLENE GLYCOL beta-MONOETHYL ETHER see: UB5075000
PROPYLENE GLYCOL MONOETHYL ETHER, BETA see: UB5075000
PROPYLENE GLYCOL MONOMETHYL ETHER see: UB7700000
alpha-PROPYLENE GLYCOL MONOMETHYL ETHER see: UB7700000
PROPYLENE GLYCOL MONOSTEARATE see: WI4550000
PROPYLENE GLYCOL USP see: TY2000000
PROPYLENE, HEXAFLUORO- see: UD0350000
PROPYLENE IMINE see: CM8050000
1,2-PROPYLENEIMINE see: CM8050000
PROPYLENE IMINE, INHIBITED (DOT) see: CM8050000
PROPYLENE OXIDE see: TZ2975000
1,2-PROPYLENE OXIDE see: TZ2975000
1,3-PROPYLENE OXIDE see: RQ6825000
PROPYLENE OXIDE (DOT) see: TZ2975000
PROPYLENE OXIDE HEXAFLUORIDE see: TZ3400000
PROPYLENE POLYMER see: UD1842000
PROPYLENE TETRAMER see: UD1950000
PROPYLENE TETRAMER (DOT) see: UD1950000
PROPYLENE TRIMER see: UD2794000
PROPYLENGLYKOL-MONOMETHYLAETHER (German) see: UB7700000
PROPYLENIMINE see: CM8050000
1,2-PROPYLENIMINE see: CM8050000
n-PROPYL ESTER of 3,4,5-TRIHYDROXYBENZOIC ACID see: LW8400000
16-beta-PROPYL-8-alpha-ESTRADIOL see: KG7640000
16-beta-PROPYL-8-alpha-ESTRA-1,3,5(10)-TRIENE-3,17-beta-DIOL see: KG7640000
16-beta-n-PROPYL-8-alpha-ESTRA-1,3,5-(10)-TRIENE-3,17-beta-DIOL see: KG7640000

UJ5125000 PROPYL ETHER

UPDT:8312 CAS: 111-43-3 MW: 102.20 MOLFM: C6-H14-O
SYN: DIPROPYL ETHER * DIPROPYL ETHER (DOT) * DIPROPYL OXIDE * ETHER, DI-n-PROPYL- * PROPANE, 1,1'-OXYBIS- (9CI) * UN 2384 (DOT)

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:204 mg/kg JPMSAE 67,566,78

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

beta-PROPYL-alpha-ETHYLACROLEIN see: MN7525000 HEXANAL, 2-ETHYL-
PROPYL-ETHYLBUTYLTHIOCARBAMATE see: EZ0400000
PROPYLETHYL-n-BUTYLTHIOCARBAMATE see: EZ0400000
PROPYL N-ETHYL-N-BUTYLTHIOCARBAMATE see: EZ0400000
n-PROPYL-N-ETHYL-N-(n-BUTYL)THIOCARBAMATE see: EZ0400000
S-(n-PROPYL)-N-ETHYL-N-n-BUTYLTHIOCARBAMATE see: EZ0400000
PROPYL ETHYLBUTYLTHIOLCARBAMATE see: EZ0400000
N-PROPYL-N-ETHYL-N-(N-BUTYL)THIOLCARBAMATE see: EZ0400000
N-n-PROPYL ETHYL CARBAMATE see: FD1050000
((PROPYLETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE) see: BS4034700
N-PROPYLETHYLENEDIAMINE mixed with SODIUM NITRITE see: KV5400000
PROPYL ETHYL ETHER see: KO0600000
n-PROPYL FORMATE see: LR0175000
PROPYL FORMATE (DOT) see: LR0175000
PROPYLFORMIC ACID see: ES5425000
PROPYL GALLATE see: LW8400000
n-PROPYL GALLATE see: LW8400000
p-PROPYLGUAIACOL see: SL8050000
p-n-PROPYLGUAIACOL see: SL8050000
4-PROPYLGUAIACOL see: SL8050000
n-PROPYLHYDRAZINE HYDROCHLORIDE see: MV9360000
PROPYL HYDRIDE see: TX2275000
N-PROPYL-N-(HYDROPEROXYMETHYL)NITROSAMINE see: UI3060000
N-PROPYL-N-(alpha-HYDROPEROXYPROPYL)NITROSAMINE see: JL9680000
PROPYL p-HYDROXYBENZOATE see: DH2800000
n-PROPYL p-HYDROXYBENZOATE see: DH2800000
PROPYL(4-HYDROXYBUTYL)NITROSAMINE see: EL6140000
PROPYLIC ALCOHOL see: UH8225000
PROPYLIC ALDEHYDE see: UE0350000
PROPYLIDENE CHLORIDE see: TX9450000
PROPYLIDENE PHTHALIDE see: NP7235000
3-(PROPYLIMINO)-2-INDOLINONE see: NM2209700
i-PROPYL IODIDE see: TZ4200000
n-PROPYL IODIDE see: TZ4100000
PROPYLIODONE see: UR8925000
PROPYL ISOCYANATE see: NR0190000
m-PROPYL ISOCYANATE see: NR0190000
1-PROPYL ISOCYANATE see: NR0190000
n-PROPYL ISOCYANATE (DOT) see: NR0190000
PROPYL ISOMER see: QJ3440000
N-PROPYL ISOMER see: QJ3440000
2-PROPYLISONICOTINYLTHIOAMIDE see: NS0650000
PROPYL KETONE see: MJ5600000
PROPYL MERCAPTAN see: TZ7300000
n-PROPYL MERCAPTAN see: TZ7300000
2-PROPYLMERCAPTAN see: TZ7302000
PROPYL MERCAPTAN (DOT) see: TZ7300000
6-PROPYLMERCAPTOPURINE see: UO9082000
N-PROPYLMESCALINE HYDROCHLORIDE see: SI2410000
n-PROPYL METHANESULFONATE see: PB2680000
PROPYL METHANOATE see: LR0175000
PROPYLMETHANOL see: EO1400000
1-PROPYL-3-METHOXY-4-HYDROXYBENZENE see: SL8050000
PROPYLMETHYLCARBINYLALLYL BARBITURIC ACID SODIUM SALT see: CP9800000
PROPYLMETHYLCARBINYLETHYL BARBITURIC ACID SODIUM SALT see: CQ6125000
4-PROPYL-1,2-METHYLENEDIOXYBENZENE see: DA6125000
S-PROPYL METHYLPHOSPHONODITHIOATE ANHYDRIDE see: TA7380000
6-PROPYL-MP see: UO9082000
PROPYL NITRATE see: UK0350000

UK0350000 n-PROPYL NITRATE

UPDT:8404 CAS: 627-13-4 MW: 105.11 MOLFM: C3-H7-N-O3
SYN: NITRATE DE PROPYLE NORMAL (French) * NITRIC ACID, PROPYL ESTER * PROPYL NITRATE * n-PROPYL NITRATE (DOT) * UN 1865 (DOT)

TOXICITY DATA AND REFERENCES:
* ivn-dog LDLo:200 mg/kg JPETAB 118,77,56
* ivn-cat LDLo:100 mg/kg JPETAB 118,77,56
* ivn-rbt LD50:200 mg/kg JPETAB 118,77,56

REVIEW AND REFERENCES:
★ TLV-TWA 25 ppm; STEL 40 ppm DTLVS* 4,349,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 25 ppm (SCP-Q) FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S227
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

n-PROPYL NITRATE (DOT) see: UK0350000
N-PROPYL-N'-NITRO-N-NITROSOGUANIDINE see: MF4640000
O-PROPYL-O-(4-NITROPHENYL)METHYLPHOSPHONOTHIONATE see: TB1690000
2-PROPYLNITROSAMIDE POTASSIUM SALT see: QY9226000
4-(PROPYLNITROSAMINO)-1-BUTANOL see: EL6140000
PROPYLNITROSAMINOMETHYL ACETATE see: AJ3700000
1-(PROPYLNITROSAMINO)PROPYL ACETATE see: JL9330000
n-PROPYLNITROSOHARNSTOFF (German) see: YT9740000
N-PROPYLNITROSOUREA see: YT9740000
1-PROPYL-1-NITROSOUREA see: YT9740000
N-PROPYL-N-NITROSOURETHAN see: FC9350000
6-PROPYLNORAPORPHINE-10,11-DIOL DIACETATE see: RB5985000
6-PROPYLNORAPORPHINE-10,11-DIOL DIMER HYDROCHLORIDE see: RB5986000
N-n-PROPYLNORNUCIFERINE see: RB5917000
trans-(+-)-5-PROPYL-4,4a,5,6,7,8,8a,9-OCTAHYDRO-1H-PYRAZOLO(3,4-g)QUINOLINE DIHYDROCHLORIDE see: UR0808000
PROPYLOWY ALKOHOL (Polish) see: UH8225000
(+-)-trans-6-n-PROPYL-9-OXAERGOLINE HYDROCHLORIDE see: NM2429190
PROPYL OXIRANE see: EK3675000
PROPYLPARABEN see: DH2800000
PROPYLPARAOXON see: TC5600000
PROPYLPARASEPT see: DH2800000
2-PROPYLPENTANOIC ACID see: YV7875000
2-PROPYLPENTANOIC ACID SODIUM SALT see: YV7876000
n-PROPYL PERCARBONATE see: SD9900000
1-(alpha-PROPYLPHENETHYL)PYRROLIDINE HYDROCHLORIDE see: UY2450000
p-PROPYLPHENOL see: SM8610000
N-2-PROPYL-N'-PHENYL-p-PHENYLENEDIAMINE see: ST2650000
beta-PROPYLPIPERIDIN (German) see: TN3740000
3-PROPYLPIPERIDINE see: TN3740000
4-n-PROPYLPIPERIDINE see: TN3740005
3-((2-PROPYLPIPERIDINO)METHYL)INDOLE see: NM1577000
6-(PROPYLPIPERONYL)-BUTYL CARBITYL ETHER see: XS8050000
6-PROPYLPIPERONYL BUTYL DIETHYLENE GLYCOL ETHER see: XS8050000
PROPYL POTASSIUM XANTHATE see: FG1581950
N-PROPYL-1-PROPANAMINE see: JL9200000
N-PROPYL-1,3-PROPANEDIAMINE mixed with SODIUM NITRITE see: TX8277000
PROPYL PROPANOATE see: UF7100000
iso-PROPYL PROPANOATE see: UF5140000
PROPYL PROPIONATE see: UF7100000
n-PROPYL PROPIONATE see: UF7100000
iso-PROPYL PROPIONATE see: UF5140000
PROPYL-2-PROPYNYLPHENYLPHOSPHONATE see: TA0400000
O-n-PROPYL O-(2-PROPYNYL) PHENYLPHOSPHONATE see: TA0400000
3-PROPYLPYRAZOLE see: UQ8003000
2-PROPYL-4-PYRIDINECARBOTHIOAMIDE see: NS0650000
n-PROPYLSELENINIC ACID see: VS6950000
alpha-PROPYL-4,4'-STILBENEDIOL see: WJ5908500
PROPYLSTILBESTROL see: WJ5908500
PROPYLSTILBOESTROL see: WJ5908500
3-PROPYLSYDNONE see: WU7694000
(5-(PROPYLTHIO)-1H-BENZIMIDAZOL-2-YL)CARBAMIC ACID METHYL ESTER see: FD1100000
2-PROPYL-4-THIOCARBAMOYLPYRIDINE see: NS0650000
5-(PROPYLTHIO)-2-CARBOMETHOXYAMINOBENZIMIDAZOLE see: FD1100000
2-PROPYL-THIOISONICOTINAMIDE see: NS0650000
6-(PROPYLTHIO)PURINE see: UO9082000
6-PROPYL-2-THIO-2,4(1H,3H)PYRIMIDINEDIONE see: YR1400000
PROPYL THIOPYROPHOSPHATE see: XN4550000
PROPYL-THIORIST see: YR1400000
PROPYL-THIORIT see: YR1400000
PROPYLTHIOURACIL see: YR1400000
4-PROPYL-2-THIOURACIL see: YR1400000
6-PROPYLTHIOURACIL see: YR1400000
6-PROPYL-2-THIOURACIL see: YR1400000
6-n-PROPYLTHIOURACIL see: YR1400000
6-n-PROPYL-2-THIOURACIL see: YR1400000
PROPYLTHIOURACIL and IODINE see: YR1420000
PROPYL-THYRACIL see: YR1400000
1-(N-PROPYL-N-(2-(2,4,6-(TRICHLOROPHENOXY)ETHYL)CARBAMOYL)IMIDAZOLE see: NI4000400
N-PROPYL-N-(2-(2,4,6-TRICHLOROPHENOXY)ETHYL)-1H-IMIDAZOLE-1-CARBOXAMIDE see: NI4000400
n-PROPYLTRICHLOROSILANE see: VV5300000
PROPYL TRICHLOROSILANE (DOT) see: VV5300000
PROPYL 3,4,5-TRIHYDROXYBENZOATE see: LW8400000
n-PROPYL 3,4,5-TRIHYDROXYBENZOATE see: LW8400000
N-PROPYL-N-(2,4,6-TRIJOD-3-AMINOPHENYL)-SUCCINAMIDSAEURE (German) see: WM4260000
N-PROPYL-N-(2,4,6-TRIJOD-3-HYDROXYPHENYL)-SUCCINAMIDSAEURE (German) see: WM4650000
N-PROPYL-N-(2,4,6-TRIJOD-3-METHOXYPHENYL)-SUCCINAMIDSAEURE (German) see: WM4750200
N-PROPYL-3,4,5-TRIMETHOXYPHENETHYLAMINE HYDROCHLORIDE see: SI2410000
4-PROPYL-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE see: YJ9380000
5-PROPYL-4-(2,5,8-TRIOXA-DODECYL)-1,3-BENZODIOXOL (German) see: XS8050000
4-n-PROPYL-2,6,7-TRIOXA-1-PHOSPHABICYCLO(2.2.2)OCTANE see: TY7750000
PROPYL URETHANE see: FD0875000
2-PROPYLVALERIC ACID see: YV7875000
2-PROPYLVALERIC ACID CALCIUM SALT (2:1) see: YV7875300
2-PROPYLVALERIC ACID SODIUM SALT see: YV7876000

((PROPYLVINYLENE)BIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE) see: BS4034800
PROPYNAL see: UD9275500
2-PROPYNAL (9CI) see: UD9275500
2-PROPYN-1-AMINE see: UK5250000

UK4250000 PROPYNE
UPDT:8408 CAS: 74-99-7 MW: 40.07 MOLFM: C3-H4
SYN: ACETYLENE, METHYL- * ALLYLENE * METHYL ACETYLENE * PROPINE

REVIEW AND REFERENCES:

★	TLV-TWA 1000 ppm; STEL 1250 ppm	DTLVS* 4,261,80

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 1000 ppm (SCP-F)	FEREAC 39,23540,74

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 S84, VOL 6 S85
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

UK4375000 PROPYNE, 3-BROMO-
UPDT:8312 CAS: 106-96-7 MW: 118.97 MOLFM: C3-H3-Br
SYN: gamma-BROMOALLYLENE * 3-BROMOPROPYNE * 3-BROMO-1-PROPYNE * 3-BROMOPROPYNE (DOT) * PROPARGYL BROMIDE * UN 2345 (DOT)

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:53 mg/kg	BESAAT 12,161,66
	orl-gpg LD50:29 ug/kg	2BZEAL 4,76,69

STANDARDS & REGULATIONS:

★	DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
PROPYNENITRILE see: UE0200000 PROPIOLONITRILE
2-PROPYNENITRILE (9CI) see: UE0200000 PROPIOLONITRILE
1-PROPYNE-3-OL see: UK5075000

UK4920000 PROPYNE, mixed with PROPADIENE
UPDT:8408
SYN: MAPP * METHYL ACETYLENE - PROPADIENE MIXTURE * METHYLACETYLENE-PROPADIENE, stabilised (DOT) * UN 1060 (DOT)

REVIEW AND REFERENCES:

★	TLV-TWA 1000 ppm; STEL 1250 ppm	DTLVS* 4,261,80

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 1000 ppm (SCP-G)	FEREAC 39,23540,74
★	DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS	CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 S85
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
2-PROPYNOIC ACID, 3-PHENYL-, ETHYL ESTER (9CI) see: UE0110000

UK5075000 2-PROPYN-1-OL
UPDT:8408 CAS: 107-19-7 MW: 56.07 MOLFM: C3-H4-O
SYN: ETHYNYLCARBINOL * METHANOL, ETHYNYL- * NA 1986 (DOT) * PROPARGYL ALCOHOL * PROPARGYL ALCOHOL (DOT) * 1-PROPYNE-3-OL * 2-PROPYNYL ALCOHOL * RCRA WASTE NUMBER P102

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:70 mg/kg	MEIEDD 10,1125,83
	ihl-rat LC50:2000 mg/m3/2H	TPKVAL 8,97,66
	orl-mus LD50:50 mg/kg	TPKVAL 8,97,66
	ihl-mus LC50:2000 mg/m3/2H	TPKVAL 8,97,66
	skn-rbt LD50:88 mg/kg	TXAPA9 42,417,77
*	orl-gpg LD50:60 mg/kg	DTLVS* 4,346,80

REVIEW AND REFERENCES:

★	TLV-TWA 1 ppm; STEL 3 ppm (skin)	DTLVS* 4,346,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
2-PROPYN-1-OL, 1,1-DIPHENYL-, CYCLOHEXANECARBAMATE see: GU7175000
2-PROPYNYL ALCOHOL see: UK5075000

UK5250000 2-PROPYNYLAMINE
UPDT:8307 CAS: 2450-71-7 MW: 55.09 MOLFM: C3-H5-N
SYN: 2-PROPYN-1-AMINE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:780 mg/kg	TXAPA9 28,313,74
*	ihl-rat LCLo:4500 ppm/4H	TXAPA9 28,313,74
*	skn-rbt LD50:77 mg/kg	TXAPA9 28,313,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
2-PROPYNYLAMINE, N-BENZYL-N-METHYL-, HYDROCHLORIDE see: DP6650000

UK5600000 1-PROPYNYLAMINE, N,N-DIETHYL-
UPDT:8307 CAS: 4231-35-0 MW: 111.21 MOLFM: C7-H13-N
SYN: N,N-DIETHYL-1-PROPYNYLAMINE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:840 mg/kg	TXAPA9 28,313,74
*	skn-rbt LD50:570 mg/kg	TXAPA9 28,313,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK5775000 2-PROPYNYLAMINE, N,N-DIETHYL-
UPDT:8307 CAS: 4079-68-9 MW: 111.21 MOLFM: C7-H13-N
SYN: N,N-DIETHYL-2-PROPYNYLAMINE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1540 mg/kg	TXAPA9 28,313,74
*	ihl-rat LCLo:1000 ppm/4H	TXAPA9 28,313,74
*	skn-rbt LD50:570 mg/kg	TXAPA9 28,313,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
2-(2-PROPYNYL)-2-AZASPIRO(4.4)NONANE-1,3-DIONE see: CM0167250
3-(2-PROPYNYL)-2-BENZOXAZOLINONE see: DM5276550
1-(2-PROPYNYL)CYCLOHEPTANOL CARBAMATE see: FD1120000
1-(2-PROPYNYL)CYCLOHEPTYL ESTER of CARBAMIC ACID see: FD1120000
PROPYNYLCYCLOHEXANOL CARBAMATE see: FD1150000
1-(2-PROPYNYL)CYCLOHEXANOL CARBAMATE see: FD1150000
1-(2-PROPYNYL)CYCLOHEXYL CARBAMATE see: FD1150000
1-(2-PROPYNYL)CYCLOOCTANOL CARBAMATE see: FD1160000
1-(2-PROPYNYL)CYCLOOCTYL ESTER of CARBAMIC ACID see: FD1160000
1-(2-PROPYNYL)CYCLOPENTANOL CARBAMATE see: FD1162000
1-(2-PROPYNYL)CYCLOPENTYL ESTER of CARBAMIC ACID see: FD1162000
2-(2-PROPYNYLOXY)PHENYL METHYLCARBAMATE see: FC7525000
3-(2-PROPYNYLOXY)PHENYL-N-METHYLCARBAMATE see: FC7350000
PROP-2-YNYL 3,7,11-TRIMETHYL-2,4-DODECADIENOATE see: JR1760000
2-PROPYNYL(2E,4E)-3,7,11-TRIMETHYL-2,4-DODECADIENOATE see: JR1760000
PROPYON see: FC3150000
N-3'a-PROPYPHENAZONYL-2-ACETOXYBENZAMIDE see: AI5010000
PROPYPHYLLIN see: XH5100000
PROPYTHIOURACIL see: YR1400000
PROPYZAMIDE see: CV3460000
PROQUANIL see: TZ0175000
P. ROQUEFORTI TOXIN see: XW5868500
PRORALONE-MOP see: LV1400000
PRORESID see: TP8800000
PRORESIDE see: TP8800000
PRORESIPAR see: TP8800000
PROREX see: SO6825000
PROREX see: SO8225000 PHENOTHIAZINE, 10-(2-(DIMETHYLAMINO)PROPYL)-, MONOHYDROCHLORIDE
PROSCILLAN see: UK6650000
PROSCILLARIDIN see: UK6650000

UK6650000 PROSCILLARIDIN A
UPDT:8408 CAS: 466-06-8 MW: 530.72 MOLFM: C30-H42-O8
SYN: A-32686 * BUFA-4,20,22-TRIENOLIDE, 3-((6-DEOXY-alpha-L-MANNOPYRANOSYL)OXY)-14-HYDROXY-, (3-beta)- * BUFA-4,20,22-TRIENOLIDE, 3-beta-((6-DEOXY-alpha-L-MANNOPYRANOSYL)OXY)-14-HYDROXY- * BUFA-4,20,22-TRIENOLIDE, 3-beta-((6-DEOXY-alpha-L-MANNOSYL)OXY)-14-HYDROXY- see:UK6650000 * CARADRIN * CARDION * CARDIOVITE * CARMAZON * CORATOL * ((6-DEOXY-alpha-L-MANNOPYRANOSYL)OXY)-14-HYDROXYBUFA-4,20,22-TRIENOLIDE * 3-beta-((6-DEOXY-alpha-L-MANNOPYRANOSYL)OXY)-14-HYDROXYBUFA-4,20,22-TRIENOLIDE * DESGLUCO-TRANSVAALIN * 3-beta,14-beta-DIHYDROXYBUFA-4,20,22-TRIENOLIDE 3-RHAMNOSIDE * HERZO * HERZO PROSCILLAN * 14-HYDROXY-3-beta-(RHAMNOSYLOXY)BUFA-4,20,22-TRIENOLIDE * PROCARDIN * PROSCILLAN * PROSCILLARIDIN * PROCILAN * PROSTOSIN * PROSZIN * PROTASIN * PSC-801 * PUROSIN-TC * RHAMNOPYRANOSIDE, SCILLARENIN-3, alpha-L- * 3-beta-RHAMNOSIDO-14-beta-HYDROXY-delta(sup 4,20,22)-BUFATRIENOLIDE * SANDOSCILL * SCILLACRIST * SCILLA 'DIDIER' * SCILLARENIN, 3-alpha-L-RHAMNOPYRANOSIDE * SCILLARENIN 3-beta-RHAMNOSIDE * SIMEON * SOLESTRIL * STELLARID * TALUCARD * TALUSIN * TRADENAL * TRANSVAALIN, DEGLUCO- * URGILAN * WIRNESIN

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:56 mg/kg	TXAPA9 20,599,71
	ivn-rat LD50:9 mg/kg	TXAPA9 20,599,71
*	orl-mus LD50:30500 ug/kg	NIIRDN 6,723,82
*	ivn-mus LD50:23200 ug/kg	NIIRDN 6,723,82
	orl-cat LD50:732 ug/kg	85ESA3 9,1019,76
	ivn-cat LD50:111 ug/kg	ARZNAD 20,1,70
	idu-cat LDLo:268 ug/kg	ARZNAD 14,716,64
*	orl-gpg LD50:6810 ug/kg	USXXAM #4230702
	ivn-gpg LD50:280 ug/kg	ARZNAD 20,1,70

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85ELDJ -,193,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PROSCOMIDE see: YM3675000
PROSCORBIN see: CI7650000
PROSEPTAL see: WO8400000
PROSEPTINE see: WO8400000
PROSEPTOL see: WO8400000
PROSERIN see: CY1225000
PROSERINE see: BR3150000
PROSERINE BROMIDE see: BR3150000
PROSERINE METHYL SULFATE see: CY1225000
PROSEROUT see: AG0440000 ACETIC ACID, (p-CHLOROPHENOXY)-, 2-DIMETHYLAMINOETHYL ESTER,HYDROCHLORIDE
PROSERYL see: AG0430000
PRO-SONIL see: CQ2975000

UK7876000 PROSOPIS JULIFLORA (Sw.) DC., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:

3F07M10U26	ipr-mus LD50:750 mg/kg	IJEBA6 15,208,77

PROSPIDIN see: HM1160000
PROSPIDINE see: HM1160000
PROSPIDIUM CHLORIDE see: HM1160000

UK7893600 PROSTA-5,13-DIEN-1-OIC ACID, 2,2-DIFLUORO-9,11,15-TRIHYDROXY-15-METHYL-, theta-LACTONE, (5Z,9-alpha,11-alpha,13E,15S)-
UPDT:8401 CAS: 62443-67-8 MW: 386.53 MOLFM: C21-H32-F2-O4
SYN: (15S)-2,2-DIFLUORO-15-METHYL-PGF2-alpha 1,9-LACTONE * (15S)-2,2-DIFLUORO-15-METHYL-PROSTAGLANDIN F2-alpha 1,9-LACTONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-ham TDLo:80 ug/kg (4D preg)	JMCMAR 26,1089,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PROSTA-5,13-DIEN-1-OIC ACID, 11,15-DIHYDROXY-16,16-DIMETHYL-9-METHYLENE- see: MJ9672000

UK7893900 PROSTA-5,13-DIEN-1-OIC ACID, 9,15-DIHYDROXY-16,16-DIMETHYL-11-OXO-, (5Z,9-alpha,13E,15S)-
UPDT:8405 CAS: 85235-22-9 MW: 364.58 MOLFM: C22-H36-O4
SYN: (5Z,9-alpha,13E,15S)-9,15-DIHYDROXY-16,16-DIMETHYL-11-OXOPROSTA-5,13-DIEN-1-OIC ACID * 16,16-DIMETHYL-PGD2 * 16,16-DIMETHYLPROSTAGLANDIN D2

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-ham TDLo:8 mg/kg (4D preg)	JMCMAR 26,790,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK7894000 PROSTA-5,13-DIEN-1-OIC ACID, 11,15-DIHYDROXY-16,16-DIMETHYL-9-OXO-, (5Z,11-alpha,13E,15R)-
UPDT:8401 CAS: 39746-25-3 MW: 380.58 MOLFM: C22-H36-O5
SYN: (5Z,11-alpha,13E,15R)-11,15-DIHYDROXY-16,16-DIMETHYL-9-OXOPROSTA-5,13-DIEN-1-OIC ACID * 7-(2-(4,4-DIMETHYL-3-HYDROXY-1-OCTENYL)-3-HYDROXY-5-OXOCYCLOPENTYL)-5-HEPTENOIC ACID * 16,16-DIMETHYL-PGE2 * 16,16-DIMETHYL-PROSTAGLANDIN E2 * 5-HEPTENOIC ACID, 7-(2-(4,4-DIMETHYL-3-HYDROXY-1-OCTENYL)-3-HYDROXY-5-OXOCYCLOPENTYL)-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T27T35	orl-wmn TDLo:4 ug/kg (34W preg)	PRGLBA 6,349,74
1T27	ivg-wmn TDLo:64 ug/kg (6W preg)	CCPTAY 16,167,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK7894500 PROSTA-2,13-DIEN-1-OIC ACID, 11,15-DIHYDROXY-16,16-DIMETHYL-9-OXO-, METHYL ESTER, (2E,11-alpha,13E,15R)-
UPDT:8412 CAS: 64318-79-2 MW: 394.61 MOLFM: C23-H38-O5
SYN: 16,16-DIMETHYL-trans-delta(sup 2)-PGE1 METHYL ESTER * 16,16-DIMETHYL-trans-delta(sup 2)-PROSTAGLANDIN E1 METHYL ESTER * ONO 802

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27	ivg-wmn TDLo:20 ug/kg (10W preg)	CCPTAY 27,51,83
1T13	ivg-wmn TDLo:20 ug/kg (10W preg)	CCPTAY 27,339,83
1T24	ipr-rat TDLo:4 mg/kg (2D preg)	NYKZAU 79,15,82
1T27	ipr-rat TDLo:4 mg/kg (17D preg)	NYKZAU 79,15,82
1T29	scu-rat TDLo:2 mg/kg (1D pre)	NYKZAU 79,15,82
2T75T76	ivg-rat TDLo:80 ug/kg (17-20D preg)	GEIRDK 14,593,82
3T24T26T35	ivg-rat TDLo:438 ug/kg (1-7D preg)	GEIRDK 14,809,82
1T31	ivg-rat TDLo:438 ug/kg (1-7D preg)	GEIRDK 14,809,82
1T34	ivg-rat TDLo:5 mg/kg (6-15D preg)	TCMUD8 4,233,84
3T46T71T72	ivg-rat TDLo:2 mg/kg (17-20D preg)	GEIRDK 14,593,82
1T24	ipr-rbt TDLo:4 mg/kg (6-7D preg)	NYKZAU 79,15,82
1T27	ipr-rbt TDLo:200 ug/kg (24-25D preg)	NYKZAU 79,15,82

2T25T27	ivg-rbt TDLo:162 ug/kg (6-18D preg)	TCMUD8 4,225,84

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROSTA-5,13-DIEN-1-OIC ACID, 11,15-DIHYDROXY-16,16-DIMETHYL-9-OXO-, METHYL ESTER (9CI) see: MJ9673200

UK7894900 PROSTA-5,13-DIEN-1-OIC ACID, 9,15-DIHYDROXY-15-METHYL-11-OXO-, (5Z,9-alpha,13E,15S)-
UPDT:8405 CAS: 85280-90-6 MW: 366.55 MOLFM: C21-H34-O5
SYN: (5Z,9-alpha,13E,15S)-9,15-DIHYDROXY-15-METHYL-11-OXOPROSTA-5,13-DIEN-1-OIC ACID * 15-METHYL-PGD2 * (15S)-15-METHYL-PGD2 * (15S)-15-METHYLPROSTAGLANDIN D2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-ham TDLo:400 ug/kg (4D preg)	JMCMAR 26,790,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK7895000 PROSTA-5,13-DIEN-1-OIC ACID, 11,15-DIHYDROXY-15-METHYL-9-OXO-, (5Z,11-alpha,13E,15R)-
UPDT:8402 CAS: 55028-70-1 MW: 366.55 MOLFM: C21-H34-O5
SYN: ARBAPROSTIL * 15(R)-METHYLPROSTAGLANDIN E2 * 15(R)-15-METHYLPROSTAGLANDIN E2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27	ims-wmn TDLo:600 ng/kg (12W preg)	CCPTAY 9,523,74
3T72T75T76	orl-rat TDLo:2800 ug/kg (15-22D preg/21D post)	TJADAB 21,62A,80
1T16	orl-rat TDLo:280 ug/kg (15-22D preg/21D post)	TJADAB 21,62A,80
1T81	orl-rat TDLo:28 mg/kg (15-22D preg/21D post)	TJADAB 21,62A,80
1T22	orl-rat TDLo:1400 ug/kg (14D pre)	TJADAB 21,71A,80

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AJOGAH 113,130,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK7896000 PROSTA-5,13-DIEN-1-OIC ACID, 11,15-DIHYDROXY-15-METHYL-9-OXO-, (5Z,11-alpha,13E,15S,17Z)-
UPDT:8405 CAS: 35700-27-7 MW: 366.55 MOLFM: C21-H34-O5
SYN: 15(S)-15-METHYL-PGE2 * 15(S)-15-METHYL-PROSTAGLANDIN E2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27	ims-wmn TDLo:500 ng/kg (13W preg)	JOGBAS 79,737,72
1T27	ipc-wmn TDLo:1 ug/kg (15W preg)	JOGBAS 79,737,72
1T27	ivg-wmn TDLo:1 ug/kg (14W preg)	JOGBAS 79,737,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK7900000 PROSTA-5,12-DIEN-1-OIC ACID, 9,15-DIHYDROXY-11-OXO-, (5Z,9-alpha,12E,15S)-
UPDT:8402 CAS: 64072-89-5 MW: 352.52 MOLFM: C20-H32-O5
SYN: (5Z,9-alpha,12E,15S)-9,15-DIHYDROXY-11-OXOPROSTA-5,12-DIEN-1-OIC ACID * delta(sup 12)-PGD2 * delta(sup 12)-PROSTAGLANDIN D2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-ham TDLo:8 mg/kg (4D preg)	JMCMAR 26,790,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK7930000 PROSTA-5,13-DIEN-1-OIC ACID, 9,15-DIHYDROXY-11-OXO-, (5Z,9-alpha,13E,15S)-
UPDT:8402 CAS: 41598-07-6 MW: 352.52 MOLFM: C20-H32-O5
SYN: 11-DEHYDROPROSTAGLANDIN F2-alpha * PGD2 * PROSTAGLANDIN D2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-ham TDLo:400 ug/kg (4D preg)	JMCMAR 26,790,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROSTA-5,13-DIEN-1-OIC ACID, 11,15-DIHYDROXY-9-OXO-, (5Z,11-alpha,13E,15S)- (9CI) see: UK8000000

UK8000000 PROSTA-5,13-DIEN-1-OIC ACID, (5Z,11-alpha,13E,15S)-11,15-DIHYDROXY-9-OXO-
UPDT:8412 CAS: 363-24-6 MW: 352.52 MOLFM: C20-H32-O5
SYN: (5Z,11-alpha,13E,15S)-11,15-DIHYDROXY-9-OXOPROSTA-5,13-DIEN-1-OIC ACID * DINOPROSTONE * 5-HEPTENOIC ACID, 7-(3-HYDROXY-2-(3-HYDROXY-1-OCTENYL)-5-OXOCYCLOPENTYL)- * 7-(3-HYDROXY-2-(3-HYDROXY-1-OCTENYL)-5-OXOCYCLOPENTYL)-5-HEPTENOIC ACID * PGE2 * PROSTA-5,13-DIEN-1-OIC ACID, 11,15-DIHYDROXY-9-OXO-, (5Z,11-alpha,13E,15S)- (9CI) * PROSTAGLANDIN E2 * (-)-PROSTAGLANDIN E2 * (15S)-PROSTAGLANDIN E2 * PROSTIN E2 * U-12062
MUTATION DATA AND REFERENCES:

	oms-mus:oth 100 nmol/L	JIDEAE 66,313,76
	spm-mus-ipr 3 mg/kg	INJFA3 21,82,76
	dns-gpg:lng 1 mg/L	PSEBAA 171,109,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27	ivn-wmn TDLo:16800 ug/kg (10W preg)	BMJOAE 2,258,70
1T27	ivn-wmn TDLo:100 ng/kg (23W preg)	BMJOAE 3,196,70
1T27	ivn-wmn TDLo:65 ug/kg (27W preg)	AJOGAH 137,8,80
1T27	ivn-wmn TDLo:14400 ng/kg (15W preg)	LANCAO 1,190,70
1T27	ivn-wmn TDLo:500 ng/kg (8W preg)	LANCAO 2,716,70
1T13	ivn-wmn TDLo:400 ug/kg (16W preg)	AJOGAH 102,317,68
1T27	ipc-wmn TDLo:100 ug/kg (15W preg)	JOGBAS 79,737,72
1T27	ivg-wmn TDLo:2400 ug/kg (14W preg)	JOGBAS 78,294,71
1T29	ivg-wmn TDLo:800 ug/kg (2W preg)	CCPTAY 3,173,71
1T25	orl-rat TDLo:1440 mg/kg (9-14D preg)	OYYAA2 8,787,74
1T16	ipr-rat TDLo:3600 ug/kg (20D preg)	NATUAS 250,330,74
1T55	ipr-rat TDLo:6 mg/kg (12-15D preg)	PRGLBA 3,299,73
3T41T42T43	ipr-rat TDLo:75 mg/kg (6-10D preg)	TOLED5 1,3,77
1T34	ipr-rat TDLo:1200 ug/kg (9-14D preg)	AKGIAO 56(8),53,80
1T27	ipr-rat TDLo:2 mg/kg (15D preg)	NYKZAU 79,15,82
2T55T59	ipr-rat TDLo:6 mg/kg (12-15D preg)	APTRDI 4,139,78
1T24	scu-rat TDLo:17500 ug/kg (1-7D preg)	NATUAS 222,287,69
1T22	scu-rat TDLo:30 mg/kg (1-6D preg)	NATUAS 222,287,69
2T01T03	scu-rat TDLo:14 mg/kg (14D male)	IJEBA6 19,112,81
1T25	scu-rat TDLo:32 mg/kg (4-7D preg)	CCPTAY 14,487,76
1T02	scu-rat TDLo:35 mg/kg (35D male)	IJEBA6 19,112,81
1T03	itt-rat TDLo:12 mg/kg (3D male)	CCPTAY 8,361,73
1T02	itt-rat TDLo:4 mg/kg (1D male)	CCPTAY 8,361,73
1T01	itt-rat TDLo:400 ug/kg (1D male)	CCPTAY 14,53,76
1T24	iut-rat TDLo:25 ug/kg (5D preg)	PRGLBA 10,1075,75
2T25T35	orl-mus TDLo:36 mg/kg (7-12D preg)	OYYAA2 8,787,74
1T73	orl-mus TDLo:1440 mg/kg (7-12D preg)	OYYAA2 8,787,74
1T46	orl-mus TDLo:720 mg/kg (7-12D preg)	OYYAA2 8,787,74
2T25T26	ipr-mus TDLo:30 mg/kg (9-14D preg)	THERAP 33,671,78
1T27	ipr-mus TDLo:60 mg/kg (9-14D preg)	THERAP 33,671,78
1T46	ipr-mus TDLo:150 mg/kg (6-10D preg)	THERAP 33,671,78
1T35	scu-mus TDLo:5 mg/kg (16D preg)	PRGLBA 1,191,72
3T41T42T53	scu-mus TDLo:746 ug/kg (12D preg)	TXCYAC 5,97,75
1T34	scu-mus TDLo:746 ug/kg (12D preg)	TXCYAC 5,97,75
1T01	scu-mus TDLo:30 mg/kg (15D male)	INJFA3 20,177,75
1T29	scu-mus TDLo:2 mg/kg (5-6D preg)	NNBYA7 235,213,72
1T27	scu-mus TDLo:20 ug/kg (16D preg)	PRGLBA 1,191,72
1T29	scu-rbt TDLo:3 mg/kg (1D preg)	JRPFA4 39,403,74
2T22T24	scu-rbt TDLo:22500 ug/kg (1-3D preg)	BIREBV 14,451,76
2T24T26	ivn-rbt TDLo:2 mg/kg (1D preg)	CCPTAY 10,291,74
1T27	scu-gpg TDLo:4 mg/kg (23-24D preg)	ACEDAB 253,148,83
3T34T41T46	scu-ham TDLo:800 ug/kg (8D preg)	PLIRDW 20,241,81
3T47T53T55	scu-ham TDLo:800 ug/kg (8D preg)	PLIRDW 20,241,81
1T25	scu-ham TDLo:800 ug/kg (8D preg)	PLIRDW 20,241,81
1T29	scu-ham TDLo:1600 ug/kg (5D preg)	INJFA3 22,40,77

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:500 mg/kg	OYYAA2 8,787,74
*	scu-rat LD50:31600 ug/kg	OYYAA2 8,787,74
*	ivn-rat LD50:59500 ug/kg	OYYAA2 8,787,74
*	orl-mus LD50:750 mg/kg	OYYAA2 8,787,74
*	scu-mus LD50:19700 ug/kg	OYYAA2 8,787,74
*	ivn-mus LD50:23200 ug/kg	OYYAA2 8,787,74

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CSPEAX 90(12),28,75; AJOGAH 113,130,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK8005000 PROSTA-5,13-DIEN-1-OIC ACID, 9,15-DIHYDROXY-11-OXO-, lambda-LACTONE, (5Z,9-alpha,13E,15S)-
UPDT:8402 CAS: 62410-98-4 MW: 334.50 MOLFM: C20-H30-O4
SYN: PGD2 1,15-LACTONE * PROSTAGLANDIN D2 1,15-LACTONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-ham TDLo:8 mg/kg (4D preg)	JMCMAR 26,1089,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK8005050 PROSTA-5,13-DIEN-1-OIC ACID, 9,15-DIHYDROXY-11-OXO-, theta-LACTONE, (5Z,9-alpha,13E,15S)-
UPDT:8402 CAS: 62410-77-9 MW: 334.50 MOLFM: C20-H30-O4
SYN: PGD2 1,9-LACTONE * PROSTAGLANDIN D2 1,9-LACTONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-ham TDLo:8 mg/kg (4D preg)	JMCMAR 26,1089,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK8005100 PROSTA-5,13-DIEN-1-OIC ACID, 11,15-DIHYDROXY-9-OXO-, lambda-LACTONE, (5Z,11-alpha,13E,15S)-
UPDT:8401 CAS: 62410-93-9 MW: 334.50 MOLFM: C20-H30-O4
SYN: PGE2 1,15-LACTONE * PROSTAGLANDIN E2 1,15-LACTONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-ham TDLo:8 mg/kg (4D preg)	JMCMAR 26,1089,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK8008000 PROSTA-5,13-DIEN-1-OIC ACID, 11,15-DIHYDROXY-9-OXO-, MONOSODIUM SALT, (5Z,11-alpha,13E,15S)-
UPDT:8408 CAS: 53697-17-9 MW: 375.51 MOLFM: C20-H32-O5 .Na
SYN: (5Z,11-alpha,13E,15S)-11,15-DIHYDROXY-9-OXOPROSTA-5,13-DIEN-1-OIC ACID MONOSODIUM SALT * PGE2 SODIUM SALT * PROSTAGLANDIN E2 SODIUM SALT * U 12062A
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T72T76T81	orl-rat TDLo:2 mg/kg (7-12D preg)	IJEBA6 14,322,76
1T16	orl-rat TDLo:2 mg/kg (7-12D preg)	IJEBA6 14,322,76
1T35	ivg-rbt TDLo:1 mg/kg (15D preg)	CCPTAY 11,479,75
1T35	ivg-ham TDLo:2 mg/kg (8D preg)	CCPTAY 11,479,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK8009000 PROSTA-5,13-DIEN-1-OIC ACID, 12-FLUORO-9,11,15-TRIHYDROXY-, METHYL ESTER, (+)-, (5Z,9-alpha,11,alpha,13E,15-alpha)-
UPDT:8401 MW: 386.56 MOLFM: C21-H35-F-O5
SYN: (+)-12-FLUORO-PGF2-alpha METHYL ESTER * (+)-12-FLUOROPROSTAGLANDIN F2-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-ham TDLo:8 ug/kg (5D preg)	JMCMAR 24,839,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK8009200 PROSTA-5,13-DIEN-1-OIC ACID, 12-FLUORO-9,11,15-TRIHYDROXY-, METHYL ESTER, (+)-, (5Z,9-alpha,11-alpha,13E,15-beta)-
UPDT:8401 MW: 386.56 MOLFM: C21-H35-F-O5
SYN: (+)-15-epi-12-FLUORO-PGF2-alpha METHYL ESTER * (+)-15-epi-12-FLUOROPROSTAGLANDIN F2-alpha METHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-ham TDLo:100 ug/kg (5D preg)	JMCMAR 24,839,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROSTA-10,13-DIEN-1-OIC ACID, 15-HYDROXY-9-OXO-, (13E,15S)- (9CI) see: GY5977900

UK8011000 PROSTA-5,13-DIEN-1-OIC ACID, 15-METHYL-9,11-15-TRIHYDROXY-, iota-LACTONE, (5Z,9-alpha, 11-alpha,13E,15S)
UPDT:8401 CAS: 80029-28-3 MW: 350.55 MOLFM: C21-H34-O4
SYN: (15S)-15-METHYL-PGF2-alpha 1,11-LACTONE * (15S)-15-METHYL-PROSTAGLANDIN F2-alpha 1,11-LACTONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-ham TDLo:8 ug/kg (4D preg)	JMCMAR 26,1089,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK8011100 PROSTA-5,13-DIEN-1-OIC ACID, 15-METHYL-9,11,15-TRIHYDROXY-, theta-LACTONE, (5Z,9-alpha, 11-alpha,13E,15S)
UPDT:8401 CAS: 62411-08-9 MW: 350.55 MOLFM: C21-H34-O4
SYN: (15S)-15-METHYL-PGF2-alpha 1,9-LACTONE * (15S)-15-METHYL-PROSTAGLANDIN F2-alpha 1,9-LACTONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-ham TDLo:400 ug/kg (4D preg)	JMCMAR 26,1089,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROSTA-5,13-DIEN-1-OIC ACID, 9,11,15-TRIHYDROXY-, (5Z,9-alpha,11-alpha,13E,15S)- (9CI) see: UK8020000

PROSTA-5,13-DIEN-1-OIC ACID, 9,11,15-TRIHYDROXY-, (5Z,9-alpha,11-alpha,13E,15S)-(+-)- (9CI) see: MJ9656000

UK8020000 PROSTA-5,13-DIEN-1-OIC ACID, (5Z,9-alpha,11-alpha,13E,15S)-9,11,15-TRIHYDROXY-
UPDT:8408 CAS: 551-11-1 MW: 354.54 MOLFM: C20-H34-O5
SYN: AMOGLANDIN * 7-(3,5-DIHYDROXY-2-(3-HYDROXY-1-OCTENYL)CYCLOPENTYL)-5-HEPTENOIC ACID * DINOPROST * ENZAPROST * ENZAPROST F * 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-1-OCTENYL)CYCLOPENTYL)- * PANACELAN * PGF2-alpha * PROSTA-5,13-DIEN-1-OIC ACID, 9,11,15-TRIHYDROXY-, (5Z,9-alpha,11-alpha,13E,15S)- (9CI) * PROSTAGLANDIN F2-alpha * PROSTAGLANDIN F2a * PROSTALMON F * PROSTARMON F * PROSTIN F2-alpha * (5Z,9-alpha,11-alpha,13E,15S)-9,11,15-TRIHYDROXYPROSTA-5,13-DIEN-1-OIC ACID * 9,11,15-TRIHYDROXYPROSTA-5,13-DIEN-1-OIC ACID * U-14583
MUTATION DATA AND REFERENCES:

	dns-hmn-idr 28 ng/kg	ADREDL 271,143,81
	oms-mus:oth 1 umol/L	JIDEAE 66,313,76
	cyt-mus:oth 50 mg/L	JRPFA4 47,1,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27	scu-wmn TDLo:1200 ng/kg (15W preg)	LANCAO 1,190,70
1T17	ivn-wmn TDLo:200 ug/kg (1D post)	AEFTAA 8,265,77
1T29	ivn-wmn TDLo:500 ug/kg (20D preg)	FESTAS 24,569,73
1T27	ivn-wmn TDLo:168 ug/kg (8W preg)	LANCAO 1,889,70
1T27	ivn-wmn TDLo:1 ug/kg (16W preg)	LANCAO 1,157,70
1T27	ivn-wmn TDLo:19 ug/kg (7W preg)	LANCAO 2,716,70
1T27	ims-wmn TDLo:200 ug/kg (14W preg)	JOGBAS 79,737,72
2T27T31	ipc-wmn TDLo:488 mg/kg (16W preg)	OBGNAS 48,216,76
1T27	ipc-wmn TDLo:500 ug/kg (13W preg)	JOGBAS 79,737,72
1T29	ivg-wmn TDLo:2 mg/kg (2W preg)	CCPTAY 3,173,71
1T27	ivg-wmn TDLo:200 ug/kg (13W preg)	AJOGAH 124,1,76
1T27	ivg-wmn TDLo:20 ug/kg (30D preg)	PRGLBA 7,57,74
1T27	ivg-wmn TDLo:100 ug/kg (26D preg)	PRGLBA 3,125,73
1T1[illegible]	ipr-rat TDLo:500 ug/kg (7D post)	PSEBAA 146,1003,74
1T16	ipr-rat TDLo:250 ug/kg (20D preg)	NATUAS 240,37,72
2T19T81	ipr-rat TDLo:6 mg/kg (18D preg)	NATUAS 229,568,71
1T27	ipr-rat TDLo:2 mg/kg (8D preg)	NYKZAU 79,15,82
1T22	ipr-rat TDLo:9 mg/kg (1-3D preg)	RPTOAN 43,2,80
3T13T24T34	scu-rat TDLo:7800 ug/kg (3-5D preg)	JMCMAR 23,525,80
2T25T31	scu-rat TDLo:2 mg/kg (11D preg)	PRGLBA 3,189,73
3T01T02T03	scu-rat TDLo:15 mg/kg (30D male)	INJFA3 25,267,80
1T27	scu-rat TDLo:5 mg/kg (10D preg)	PRGLBA 7,141,74
2T25T27	ivn-rat TDLo:1250 ug/kg (11D preg)	FESTAS 24,275,73
1T34	ivn-rat TDLo:6 mg/kg (9-14D preg)	IYKEDH 2,403,71
1T46	ivn-rat TDLo:12 mg/kg (9-14D preg)	IYKEDH 2,403,71
1T16	ivn-rat TDLo:124 ug/kg (21D preg)	OYYAA2 5,941,71
1T29	ims-rat TDLo:10 mg/kg (7-8D preg)	FESTAS 23,475,72
1T25	ims-rat TDLo:20 mg/kg (7-10D preg)	FESTAS 23,475,72
1T27	imp-rat TDLo:2 mg/kg (10D preg)	FESTAS 26,74,75
1T26	iut-rat TDLo:25 ug/kg (5D preg)	PRGLBA 10,1075,75
1T16	ipr-mus TDLo:250 ug/kg (19D preg)	BJPCBM 36,188,69
1T25	ipr-mus TDLo:1500 ug/kg (7-12D preg)	IYKEDH 2,403,71
1T35	ipr-mus TDLo:1 mg/kg (19D preg)	CCPTAY 21,77,80
1T35	scu-mus TDLo:5 mg/kg (16D preg)	PPGLBA 1,191,72
1T34	scu-mus TDLo:2 mg/kg (5D preg)	ANREAK 196,169A,80
1T31	scu-mus TDLo:2 mg/kg (5D preg)	RCOCB8 32,549,81
1T29	scu-mus TDLo:2 mg/kg (5-6D preg)	NNBYA7 235,213,72
2T25T26	scu-mus TDLo:2 mg/kg (6D preg)	RCOCB8 32,549,81
2T25T35	ivn-mus TDLo:4 mg/kg (12D preg)	TXCYAC 2,25,74
1T46	ims-mus TDLo:25 mg/kg (9D preg)	TOLED5 6,423,80
1T27	imp-mus TDLo:4 mg/kg (9D preg)	FESTAS 26,74,75
1T14	ims-mky TDLo:3 mg/kg (2D pre)	PRGLBA 14,477,77
1T13	scu-cat TDLo:500 ug/kg (40D preg)	PRGLBA 7,303,74
1T27	scu-cat TDLo:1 mg/kg (40D preg)	PRGLBA 7,303,74
1T27	ipr-rbt TDLo:2 mg/kg (22D preg)	CCPTAY 19,175,79
1T59	scu-rbt TDLo:18 mg/kg (1-2D preg)	BIREBV 14,451,76
2T12T13	scu-rbt TDLo:1500 ug/kg (12-14D preg)	BIREBV 9,226,73
2T24T26	scu-rbt TDLo:3 mg/kg (1D preg)	CCPTAY 10,291,74
1T34	scu-rbt TDLo:5 mg/kg (3-7D preg)	NATUAS 236,120,72
1T29	scu-rbt TDLo:1 mg/kg (1D preg)	PRGLBA 5,341,74
1T24	ivn-rbt TDLo:2 mg/kg (4D preg)	CCPTAY 10,291,74
1T27	imp-rbt TDLo:1 mg/kg (15D preg)	FESTAS 26,74,75
1T16	iat-rbt TDLo:51 ng/kg (21-24D preg)	JOENAK 55,617,72
1T24	ivg-rbt TDLo:5 mg/kg (1D preg)	FESTAS 29,456,78
1T16	ims-pig TDLo:208 ug/kg (16W preg)	NOVTAV 27,429,75
1T27	ims-pig TDLo:83 ug/kg (25D preg)	JANSAG 37,307,73
1T29	ipr-gpg TDLo:14 mg/kg (7D pre)	JOENAK 53,493,72
1T27	scu-gpg TDLo:40 mg/kg (23-24D preg)	ACEDAB 253,148,83
1T29	ipr-ham TDLo:1 mg/kg (2D preg)	BIREBV 23,687,80
1T25	scu-ham TDLo:50 ug/kg (6D preg)	CCPTAY 9,507,74
3T12T19T29	scu-ham TDLo:1600 ug/kg (5-7D preg)	PSEBAA 136,1151,71
1T22	scu-ham TDLo:100 ug/kg (5D preg)	JMCMAR 24,839,81
1T29	scu-ham TDLo:240 ug/kg (5D preg)	INJFA3 22,40,77
1T25	ivn-ham TDLo:3200 ug/kg (8D preg)	PLMEDD 8,399,82
1T34	ivn-ham TDLo:800 ug/kg (8D preg)	PLMEDD 8,399,82
1T27	imp-ham TDLo:1600 ug/kg (8D preg)	FESTAS 26,74,75
1T22	ivg-ham TDLo:160 ug/kg (2D preg)	ACENA7 70,97,72
1T14	scu-hor TDLo:2500 ng/kg (1D pre)	JANSAG 37,308,73
1T27	scu-hor TDLo:5 ug/kg (80D preg)	JANSAG 37,308,73
1T14	ims-hor TDLo:3750 ng/kg (1D pre)	JRFSAR 23,257,75
1T14	ims-dom TDLo:109 ug/kg (1D pre)	JANSAG 37,308,73
1T29	ims-dom TDLo:36 ug/kg (1D pre)	JANSAG 37,308,73
1T27	par-hor TDLo:37500 ng/kg (43W preg)	JRFSAR 23,257,75
1T14	iut-ctl TDLo:12 ug/kg (3D pre)	JRPFA4 41,113,74
1T14	iat-hor TDLo:250 ng/kg (1D pre)	BIREBV 14,473,76

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1170 mg/kg	MEIEDD 10,1135,83
*	scu-rat LD50:95 mg/kg	IYKEDH 4,193,73
*	ivn-rat LD50:106 mg/kg	MEIEDD 10,1135,83
*	ims-rat LD50:112 mg/kg	MEIEDD 10,1135,83
*	orl-mus LD50:1300 mg/kg	MEIEDD 10,1135,83
*	scu-mus LD50:212 mg/kg	MEIEDD 10,1135,83
*	ivn-mus LD50:56 mg/kg	NIIRDN 6,325,82
*	ims-mus LD50:152 mg/kg	MEIEDD 10,1135,83
3F12F23J24	ivn-rbt LD50:2500 ug/kg	IYKEDH 9,261,78
3F12F23J24	ims-rbt LD50:2500 ug/kg	IYKEDH 9,261,78

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AJOGAH 113,130,72

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK8020500 PROSTA-5,13-DIEN-1-OIC ACID, 9,11,15-TRIHYDROXY-, iota-LACTONE, (5Z,9-alpha,11-alpha, 13E,15S)-

UPDT:8401 CAS: 62410-84-8 MW: 336.52 MOLFM: C20-H32-O4

SYN: PGF2-alpha 1,11-LACTONE * PROSTAGLANDIN F2-alpha 1,11-LACTONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-ham TDLo:400 ug/kg (4D preg)	JMCMAR 26,1089,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK8020600 PROSTA-5,13-DIEN-1-OIC ACID, 9,11,15-TRIHYDROXY-, lambda-LACTONE, (5Z,9-alpha,11-alpha, 13E,15S)-

UPDT:8402 CAS: 55314-49-3 MW: 336.52 MOLFM: C20-H32-O4

SYN: PGF2-alpha 1,15-LACTONE * PROSTAGLANDIN F2 alpha 1,15-LACTONE * U 47473

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T14	ims-mky TDLo:4 mg/kg (1D pre)	PRGLBA 14,477,77
1T22	scu-ham TDLo:800 ug/kg (4D preg)	JMCMAR 26,10[illegible],83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK8021000 PROSTA-5,13-DIEN-1-OIC ACID, 9,11,15-TRIHYDROXY-15-METHYL-, (5Z,9-alpha,11-alpha,13E,15S)-

UPDT:8405 CAS: 35700-23-3 MW: 368.57 MOLFM: C21-H36-O5

SYN: CARBOPROST * 15-ME-PGF2-alpha * METHYL PGF2-alpha * 15(S)-15-METHYL PGF2-alpha * 15-METHYLPROSTAGLANDIN F2-alpha * 15(S)-METHYLPROSTAGLANDIN F2-alpha * 15(S)-15-METHYL-PROSTAGLANDIN F2-alpha * (15S)-15-METHYLPROSTAGLANDIN F2-alpha * (5Z,9-alpha,11-alpha,13E,15S)-9,11,15-TRIHYDROXY-15-METHYLPROSTA-5,13-DIEN-1-OIC ACID * U 32921E

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27	ims-wmn TDLo:5 ug/kg (14W preg)	JOGBAS 79,737,72
1T27	ims-wmn TDLo:12 ug/kg (30D preg)	PRGLBA 14,785,77
1T27	ipc-wmn TDLo:10 ug/kg (13W preg)	JOGBAS 79,737,72
1T27	ivg-wmn TDLo:60 ug/kg (42D preg)	CCPTAY 21,273,80
1T27	ivg-wmn TDLo:10 ug/kg (15W preg)	JOGBAS 79,737,72
2T24T29	ivg-rbt TDLo:500 ug/kg (1D preg)	PSEBAA 151,575,76

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AJOGAH 113,130,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK8021500 PROSTA-5,13-DIEN-1-OIC ACID, 9,11,15-TRIHYDROXY-, METHYL ESTER, (5Z,9-alpha,11-alpha, 13E,15S)-

UPDT:8409 CAS: 33854-16-9 MW: 368.57 MOLFM: C21-H36-O5

SYN: DINOPROST METHYL ESTER * PGF2 METHYL ESTER * PGF2-alpha METHYL ESTER * PROSTAGLANDIN F2-alpha METHYL ESTER

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T41T46	ivg-wmn TDLo:80 ug/kg (7W preg)	JOPDAB 102,620,83
1T22	scu-ham TDLo:480 ug/kg (4D preg)	JPETAB 186,67,73

TOXICITY DATA AND REFERENCES:

1K13	ivg-wmn TDLo:80 ug/kg	JOPDAB 102,620,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK8022000 PROSTA-5,13-DIEN-1-OIC ACID, 9,11,15-TRIHYDROXY-15-METHYL-, lambda-LACTONE, (5Z,9-alpha, 11-alpha,13E,15S)

UPDT:8401 CAS: 62411-21-6 MW: 350.55 MOLFM: C21-H34-O4

SYN: (15S)-15-METHYL-PGF2-alpha 1,15-LACTONE * (15S)-15-METHYL-PROSTAGLANDIN F2-alpha 1,15-LACTONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-ham TDLo:8 ug/kg (4D preg)	JMCMAR 26,1089,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK8025000 PROSTA-5,13-DIEN-1-OIC ACID, (5Z,9-alpha,11-alpha,13E,15S)-9,11,15-TRIHYDROXY- compd. with TRIMETHYLOLAMINOMETHANE

UPDT:8408 CAS: 38562-01-5 MW: 475.70 MOLFM: C20-H34-O5 C4-H11-N-O3

SYN: 7-(3,5-DIHYDROXY-2-(3-HYDROXY-1-OCTENYL)CYCLOPENTYL)-5-HEPTENOIC ACID, TROMETHAMINE SALT * DINOPROST TROMETHAMINE * 583E * 5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-1-OCTENYL)CYCLOPENTYL)-, THAM * LUTALYSE * PGF2-alpha THAM * PGF2-alpha TRIS SALT * PGF2-alpha TROMETHAMINE * PGF2-alpha TROMETHAMINE SALT * PROSTAGLANDIN F2-alpha THAM * PROSTAGLANDIN F2a TROMETHAMINE * PROSTAGLANDIN F2-alpha THAM SALT * PROSTAGLANDIN F2-alpha TROMETHAMINE * PROTAGLANDIN F2-alpha THAM SALT * THAM PGF2-alpha * TROMETHAMINE PROSTAGLANDIN F2-alpha * THAM * U-14 * U 14585 * U-14,583E

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27	ivn-wmn TDLo:380 ug/kg (11W preg)	CCPTAY 5,303,72
1T27	ivg-wmn TDLo:4 mg/kg (37D preg)	PRGLBA 2,453,72
1T25	ivg-wmn TDLo:6 mg/kg (22D preg)	AJOGAH 117,246,73
1T27	ivg-wmn TDLo:12 mg/kg (5W preg)	AJOGAH 116,795,73
1T22	orl-rat TDLo:12500 ug/kg (6-15D preg)	TJADAB 19,29A,79
3T72T76T81	orl-rat TDLo:2 mg/kg (7-12D preg)	IJEBA6 14,322,76
1T16	orl-rat TDLo:2 mg/kg (7-12D preg)	IJEBA6 14,322,76
1T27	ipr-rat TDLo:1500 ug/kg (19D preg)	JOENAK 66,21,75
1T29	scu-rat TDLo:2 mg/kg (10D preg)	CCPTAY 14,447,76
1T27	scu-rat TDLo:2 mg/kg (18D preg)	CCPTAY 14,447,76
1T16	scu-rat TDLo:2 mg/kg (18D preg)	PRGLBA 12,1053,76
1T01	itt-rat TDLo:20 ug/kg (1D male)	JRPFA4 44,545,74
1T03	itt-rat TDLo:15600 ug/kg (3D male)	CCPTAY 8,361,73
1T02	itt-rat TDLo:5200 ug/kg (1D male)	CCPTAY 8,361,73
1T27	iut-rat TDLo:1250 ug/kg (10D preg)	FESTAS 25,839,74
1T25	orl-rbt TDLo:13 mg/kg (6-18D preg)	TJADAB 19,29A,79
1T01	scu-rbt TDLo:15 mg/kg (1D male)	PSEBAA 145,1120,74
1T27	iut-rbt TDLo:1 mg/kg (15D preg)	FESTAS 25,839,74
2T27T35	ivg-rbt TDLo:500 ug/kg (15D preg)	CCPTAY 11,479,75
1T29	ims-pig TDLo:107 ug/kg (1D pre)	JANSAG 40,518,75
1T16	ims-pig TDLo:1667 ug/kg (16W preg)	THGNBO 1,7,74
1T14	iut-pig TDLo:100 ug/kg (1D pre)	BIREBV 15,303,76
1T27	ipr-ham TDLo:1600 ug/kg (8D preg)	FESTAS 26,74,75
1T27	iut-ham TDLo:800 ug/kg (8D preg)	FESTAS 25,839,74
2T27T35	ivg-ham TDLo:600 ug/kg (8D preg)	CCPTAY 11,479,75
1T14	scu-hor TDLo:5289 ng/kg (1D pre)	JANSAG 40,518,75
1T27	scu-hor TDLo:74 ug/kg (2D pre)	JANSAG 39,404,74
2T14T19	ivg-hor TDLo:20 ug/kg (1D pre)	PSEBAA 145,145,74
1T14	ims-hor TDLo:5289 ng/kg (1D pre)	JANSAG 40,518,75
1T27	ims-hor TDLo:74 ug/kg (2D pre)	JANSAG 39,404,74
1T14	ims-dom TDLo:116 ug/kg (1D pre)	JANSAG 37,990,73
1T29	ims-dom TDLo:54 ug/kg (1D pre)	JANSAG 37,990,73
2T19T29	ims-ctl TDLo:60 ug/kg (1D pre)	PSEBAA 143,152,73
2T19T29	ivg-ctl TDLo:60 ug/kg (1D pre)	PSEBAA 143,152,73

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:711 mg/kg	TOIZAG 21,623,74
	ipr-rat LD50:101 mg/kg	TOIZAG 22,517,75
	scu-rat LD50:214 mg/kg	TOIZAG 21,623,74
*	ivn-rat LD50:101 mg/kg	NIIRDN 6,327,82
*	ims-rat LD50:59 mg/kg	NIIRDN 6,327,82
	orl-mus LD50:665 mg/kg	TOIZAG 21,623,74
	ipr-mus LD50:101 mg/kg	TOIZAG 21,623,74
	scu-mus LD50:66 mg/kg	TOIZAG 21,623,74
*	ivn-mus LD50:331 mg/kg	NIIRDN 6,327,82
	ims-mus LD50:59 mg/kg	TOIZAG 21,623,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK8026000 PROSTA-5,13-DIEN-1-OIC ACID, 9,11,15-TRIHYDROXY-15-METHYL-, (5Z,9-alpha,11-alpha,13E,15S)- compd. with 2-AMINO-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL (1:1)

UPDT:8405 CAS: 58551-69-2 MW: 489.73 MOLFM: C21-H36-O5 C4-H11-N-O3

SYN: CARBOPROST TROMETHAMINE * 15(S)15-METHYL PGF2-alpha TROMETHAMINE SALT * 15(S)15-METHYL PROSTAGLANDIN F2-alpha TROMETHAMINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27	ims-wmn TDLo:30 ug/kg (14W preg)	CCPTAY 11,533,75
3T71T72T75	scu-rat TDLo:87 ug/kg (15-22D preg/21D post)	APTRDI 4,157,78
3T16T27T81	scu-rat TDLo:87 ug/kg (15-22D preg/21D post)	APTRDI 4,157,78

1T26	scu-rat TDLo:6 mg/kg (3D male/3D pre)	APTRDI 4,157,78
1T46	scu-rat TDLo:300 ug/kg (9-11D preg)	APTRDI 4,157,78

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:25100 ug/kg	APTRDI 4,157,78
*	ivn-mus LD50:131 mg/kg	APTRDI 4,157,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROSTAGLANDIN A1 see: GY5977900

PROSTAGLANDIN A(sub 1) see: GY5977900

PROSTAGLANDIN A(sup 1) see: GY5977900

PROSTAGLANDIN A2 see: UK8050000

UK8050000 PROSTAGLANDIN A(sup 2)

UPDT:8402 CAS: 13345-50-1 MW: 334.50 MOLFM: C20-H30-O4

SYN: 5-HEPTENOIC ACID, 7-(2-(3-HYDROXY-1-OCTENYL)-5-OXO-3-CYCLOPENTEN-1-YL)- * MEDULLIN * PGA2 * PGA(sup 2) * 5,6-cis-PGA(sup 2) * (15S)-PGA(sup 2) * PROSTAGLANDIN A2 * (+)-PROSTAGLANDIN A(sup 2) * PROSTA-5,10-13-TRIEN-1-OIC ACID, 15-HYDROXY-9-OXO-, (5Z,13E,15S)- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	scu-mus TDLo:5 mg/kg (16D preg)	PRGLBA 1,191,72
1T27	scu-mus TDLo:10 mg/kg (16D preg)	PRGLBA 1,191,72

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:93 mg/kg	TXAPA9 25,460,73

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CSPEAX 90(12),28,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(+)-**PROSTAGLANDIN A(sup 2)** see: UK8050000

UK8060500 PROSTAGLANDIN Bx, SODIUM SALT

UPDT:8407 CAS: 39306-29-1

SYN: PGBx

TOXICITY DATA AND REFERENCES:

2F07F17	ipr-mus LD50:90 mg/kg	RCOCB8 37,97,82
*	ivn-mus LD50:69 mg/kg	RCOCB8 37,97,82

PROSTAGLANDIN D1 see: GY4569900

PROSTAGLANDIN D2 see: UK7930000

delta(sup 12)-PROSTAGLANDIN D2 see: UK7900000

PROSTAGLANDIN D2 1,9-LACTONE see: UK8005050

PROSTAGLANDIN D2 1,15-LACTONE see: UK8005000

PROSTAGLANDIN E1 see: GY4569800

PROSTAGLANDIN E(sup 1)-217 see: GY5977900

(-)-PROTAGLANDIN E1 see: GY4569800

l-PROTAGLANDIN E1 see: GY4569800

PROSTAGLANDIN E2 see: UK8000000

(-)-PROSTAGLANDIN E2 see: UK8000000

l-PROSTAGLANDIN E2 see: MJ9677000

(15S)-PROSTAGLANDIN E2 see: UK8000000

PROSTAGLANDIN E2 1,15-LACTONE see: UK8005100

PROSTAGLANDIN E2 METHYL ESTER see: MJ9678000

(-)-PROSTAGLANDIN E2 METHYL ESTER see: MJ9678000

PROSTAGLANDIN E2 SODIUM SALT see: UK8008000

PROSTAGLANDIN F1 alpha see: GY4569700

PROSTAGLANDIN F2a see: UK8020000

PROSTAGLANDIN F2-alpha see: UK8020000

dl-PROSTAGLANDIN F2-alpha see: MJ9656000

DL-PROSTAGLANDIN F2-alpha see: MJ9656000

l-PROSTAGLANDIN F2-alpha see: MJ9656500

PROSTAGLANDIN F2-alpha, racemic mixt. see: MJ9656000

PROSTAGLANDIN F1-alpha 1,15-LACTONE see: UK8425000

PROSTAGLANDIN F2-alpha 1,11-LACTONE see: UK8020500

PROSTAGLANDIN F2-alpha 1,15-LACTONE see: UK8020600

PROSTAGLANDIN F2-alpha METHYL ESTER see: UK8021500

PROSTAGLANDIN F2-alpha THAM see: UK8025000

PROSTAGLANDIN F2-alpha THAM SALT see: UK8025000

PROSTAGLANDIN F2a TRGMETHAMINE see: UK8025000

PROSTAGLANDIN F2-alpha TROMETHAMINE see: UK8025000

PROSTALMON F see: UK8020000

PROSTAPHILIN see: XH9100000

PROSTAPHLIN-A see: XH8920000

PROSTAPHLYN see: XH9000000

PROSTARMON F see: UK8020000 PROSTA-5,13-DIEN-1-OIC ACID, (5Z,9-alpha,11-alpha,13E,15S)-9,11,15-TRIHYDROXY-

UK8355000 PROSTA-5,9,13-TRIEN-1-OIC ACID, 15-HYDROXY-15-METHYL-11-OXO-, (5Z,9-alpha,13E,15S)-

UPDT:8402 CAS: 85235-20-7 MW: 348.53 MOLFM: C21-H32-O4

SYN: (15S)-15-METHYL-9-DEOXY-delta(sup 9)-PGD2 * (15S)-15-METHYL-9-DEOXY-delta(sup 9)-PROSTAGLANDIN D2 * 15-METHYL-delta(sup 9)-PGD2

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-ham TDLo:8 mg/kg (4D preg)	JMCMAR 26,790,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROSTA-5,10-13-TRIEN-1-OIC ACID, 15-HYDROXY-9-OXO-, (5Z,13E,15S)- (9CI) see: UK8050000

PROSTEARIN see: WI4550000

PROST-13-EN-1-OIC ACID, 11,15-DIHYDROXY-20-METHYL-9-OXO-, (11-alpha,13E,15S)- (9CI) see: GY4569750

PROST-13-EN-1-OIC ACID, 9,15-DIHYDROXY-11-OXO-, (9-alpha,13E,15S)- (9CI) see: GY4569900

PROST-13-EN-1-OIC ACID, 11,15-DIHYDROXY-9-OXO-, (11-alpha,13E,15S)- (9CI) see: GY4569800

UK8419000 PROST-13-EN-1-OIC ACID, 11,15-DIHYDROXY-9-OXO-, (11-alpha,13E,15S)-, and alpha-CYCLODEXTRIN

UPDT:8305 MW: 7165.26 MOLFM: C20-H34-O5 .xC36-H60-O30

SYN: ALPROSTADIL alpha-CYCLODEXTRIN CLATHRATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:7600 mg/kg	IYKEDH 11,181,80
*	ipr-rat LD50:830 mg/kg	IYKEDH 11,181,80
*	scu-rat LD50:660 mg/kg	IYKEDH 11,181,80
*	ivn-rat LD50:640 mg/kg	IYKEDH 11,181,80
*	iat-rat LD50:720 mg/kg	IYKEDH 11,181,80
*	orl-mus LD50:6200 mg/kg	IYKEDH 11,181,80
*	ipr-mus LD50:660 mg/kg	IYKEDH 11,181,80
*	scu-mus LD50:880 mg/kg	IYKEDH 11,181,80
*	ivn-mus LD50:700 mg/kg	IYKEDH 11,181,80

UK8419700 PROST-5-EN-1-OIC ACID, 12-FLUORO-9,11,15-TRIHYDROXY-, METHYL ESTER, (+)-, (5Z,9-alpha, 11-alpha,15-alpha)-

UPDT:8401 MW: 388.58 MOLFM: C21-H37-F-O5

SYN: (+)-12-FLUORO-13,14-DIHYDRO-PGF2-alpha METHYL ESTER * (+)-12-FLUORO-13,14-DIHYDROPROSTAGLANDIN F2-alpha METHYL ESTER

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-ham TDLo:50 ug/kg (5D preg)	JMCMAR 24,839,81

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK8419800 PROST-5-EN-1-OIC ACID, 12-FLUORO-9,11,15-TRIHYDROXY-, METHYL ESTER, (+)-, (5Z,9-alpha, 11-alpha,15-beta)-

UPDT:8401 MW: 388.58 MOLFM: C21-H37-F-O5

SYN: (+)-15-epi-12-FLUORO-13,14 DIHYDRO-PGF2-alpha METHYL ESTER * (+)-15-epi-12-FLUORO-13,14-DIHYDROPROSTAGLANDIN F2-alpha METHYL ESTER

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-ham TDLo:200 ug/kg (5D preg)	JMCMAR 24,839,81

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROST-5-EN-1-OIC ACID, 9,11,15-TRIHYDROXY-, (5Z,9-alpha,11-alpha,15S)- (9CI) see: MJ9669050

PROST-13-EN-1-OIC ACID, 9,11,15-TRIHYDROXY-, (9-alpha,11-alpha,13E,15S) (9CI) see: GY4569700

UK8425000 PROST-13-EN-1-OIC ACID, 9,11,15-TRIHYDROXY-, lambda-LACTONE, (9-alpha,11-alpha,13E,15S)-

UPDT:8401 CAS: 62411-18-1 MW: 338.54 MOLFM: C20-H34-O4

SYN: PGF1-alpha 1,15-LACTONE * PROSTAGLANDIN F1-alpha 1,15-LACTONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-ham TDLo:8 mg/kg (4D preg)	JMCMAR 26,1089,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK8428000 PROST-5-EN-1-OIC ACID, 9,11,15-TRIHYDROXY-, METHYL ESTER, (+)-, (5Z,9-alpha,11-alpha,15S*)-

UPDT:8401 MW: 384.62 MOLFM: C22-H40-O5

SYN: (+)-13,14-DIHYDRO-PGF2-alpha METHYL ESTER * (+)-13,14-DIHYDROPROSTAGLANDIN F2-alpha METHYL ESTER

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-ham TDLo:11120 ug/kg (5D preg)	JMCMAR 24,839,81

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PROSTETIN see: KG7963000

PROSTIGMIN see: BR3300000

PROSTIGMIN BROMIDE see: BR3150000

PROSTIGMINE see: BR3300000

PROSTIGMINE BROMIDE see: BR3150000

PROSTIGMINE METHYLSULFATE see: CY1225000

PROSTIGMIN METHYLSULFATE see: CY1225000

PROSTIN E2 see: UK8000000

PROSTIN F2-alpha see: UK8020000

PROSTOSIN see: UK6650000

PROSTRUMYL see: YR0875000

PROSULTHIAMINE see: LQ0699000

PROSULTIAMINE see: LQ0699000

PROSYKLIDIN see: UY1925000

PROSZIN see: UK6650000

PROTABEN P see: DH2800000

PROTACELL 8 see: AZ5820000

PROTACHEM 630 see: MD0905000

PROTACHEM GMS see: RG1925000

PROTACINE see: NL3520500

PROTACTYL see: SO7000000

PROTAGENT see: TR8370000

PROTAGLANDIN F1 see: GY4569700

PROTAGLANDIN F2-alpha-THAM SALT see: UK8025000

PROTALBA see: FL5750100

UK9450000 PROTAMINE, SULFATE

UPDT:8411 CAS: 9009-65-8

SYN: ANGIOCICLAN * DILANGIO * FLUXEMA * HALIDOR * USAF D-4 * VASORELAX

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:120 mg/kg	NIIRDN 6,726,82
3F12J22J24	ivn-rat LD50:75 mg/kg	AIPTAK 165,374,67
*	ipr-mus LD50:94 mg/kg	NIIRDN 6,726,82
*	scu-mus LD50:200 mg/kg	NIIRDN 6,726,82
	ivn-mus LD50:44 mg/kg	TXAPA9 1,185,59
*	scu-rbt LD50:200 mg/kg	NIIRDN 6,726,82
*	ipr-gpg LD50:120 mg/kg	NIIRDN 6,726,82
*	scu-gpg LD50:200 mg/kg	NIIRDN 6,726,82
*	ivn-gpg LD50:120 mg/kg	NIIRDN 6,726,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

PROTAMINE ZINC INSULIN see: NM8912800

PROTAMINE ZINC INSULIN INJECTION see: NM8912800

PROTAMINE ZINC INSULIN SUSPENSION see: NM8912800

PROTANABOL see: BV8060000

PROTANAL see: AZ5820000

PROTANDREN see: BV8100000

PROTASIN see: UK6650000

PROTASORB L-20 see: TR7400000

PROTASORB 0-20 see: WG2932500

PROTATEK see: AZ5820000

PROTAZINE see: SO6825000

PROTAZINE see: SO8225000 PHENOTHIAZINE, 10-(2-(DIMETHYLAMINO)PROPYL)-, MONOHYDROCHLORIDE

UK9540000 PROTEASE, BACILLUS SUBTILIS NEUTRAL

UPDT:8412 CAS: 9001-92-7

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:45 mg/kg	CYLPDN 4,214,83

PROTECT see: QK5350000

PROTECTON see: UB6621000

PROTECTONA see: WJ5600000

PROTECTOR-3L BUSAN 30 SEED TREATMENT see: XK8150000

PROTEINA see: BV8052000

UK9588000 PROTEINASE, BOTHROPS VENOM

UPDT:8407 CAS: 9039-61-6

SYN: BATROXOBIN * BOTHROPS VENOM PROTEINASE * BOTROPASE * DEFIBRASE * DEFIBRASE R * DF-521 * REPTILASE * REPTILASE R

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T31T34T46	ivn-rat TDLo:6 mg/kg (75D pre)	OYYAA2 25,537,83
1T34	ivn-rat TDLo:88 ug/kg (7-17D preg)	OYYAA2 25,549,83
1T81	ivn-rat TDLo:330 ug/kg (7-17D preg)	OYYAA2 25,549,83
1T85	ivn-rat TDLo:1320 ug/kg (7-12D preg)	OYYAA2 25,549,83
3T25T48T59	ivn-mus TDLo:22500 mg/kg (15-17D preg)	THBRAA 1,127,72
1T46	ivn-dog TDLo:576 ug/kg (18-35D preg)	OYYAA2 25,519,83

TOXICITY DATA AND REFERENCES:

3F12F17J30	ivn-rat LD50:210 ug/kg	OYYAA2 25,339,83
3F12F17J30	ivn-mus LD50:384 ug/kg	OYYAA2 25,339,83
3F12F17J30	ivn-dog LD50:380 ug/kg	OYYAA2 25,339,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UK9596000 PROTEIN, from MOMORDICA CHARANTIA SEEDS

UPDT:8303

SYN: ACUCURBIT * BITTER PEAR MELON * MOMORDICA CHARANTIA LECTIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3160 ug/kg BIJOAK 186,443,80
PROTERNOL see: DO1750000
PROTERNOL L see: DO1750010
PROTERVERINE see: FL5700000
PROTEX see: AK0920000
PROTEX (POLYMER) see: AK0920000
PROTHAZIN see: SO6825000
PROTHAZIN METHOSULFATE see: SP0175000
PROTHEOBROMIN see: XH2387000
PROTHEOBROMINE see: XH2387000
PROTHEOPHYLLINE see: XH5100000
PROTHIADEN see: UI1555000
PROTHIADENE HYDROCHLORIDE see: HQ2975000
PROTHIADEN HYDROCHLORIDE see: HQ2975000
PROTHIADEN SPOFA see: UI1555000
PROTHIOCARB see: EZ8870000
PROTHIOFOS-OXON see: TF0370000
PROTHIONAMIDE see: NS0650000
PROTHIOPHOS see: TD5680000
PROTHIPENDYL see: UU8576000
PROTHIUCIL see: YR1400000
PROTHIURONE see: YR1400000
PROTHIZINIC ACID see: SN5090000
PROTHOATE see: TD8225000
PROTHRIN see: GZ2003000
PROTHROMADIN see: GN4550000
PROTHROMADIN see: GN4725000
PROTHYCIL see: YR1400000
PROTHYRAN see: YR1400000
PROTIOAMPHETAMINE see: SH9000000
PROTION see: NS0650000
PROTIONAMID see: NS0650000
PROTIONAMIDE see: NS0650000
PROTIONIZINA see: NS0650000
PROTIURAL see: YR1400000
PROTIVAR see: RN6800700
PROTIZINIC ACID see: SN5090000
PROTOAT (Hungarian) see: TD8225000
PROTOBOLIN see: BV8000000

UL0380000 PROTOCATECHUALDEHYDE
UPDT:8311 CAS: 139-85-5 MW: 138.13 MOLFM: C7-H6-O3
SYN: BENZALDEHYDE, 3,4-DIHYDROXY- * 3,4-DIHYDROXYBENZALDEHYDE * 3,4-DIHYDROXYBENZENECARBONAL * PROTOCATECHUIC ALDEHYDE * RANCINAMYCIN IV
TOXICITY DATA AND REFERENCES:
2F12J26 ipr-mus LD50:205 mg/kg APFRAD 15,461,57
* ivn-mus LD50:56 mg/kg CSLNX* NX#07875
PROTOCATECHUALDEHYDE DIMETHYL ETHER see: YX5088000
PROTOCATECHUALDEHYDE, METHYL- see: YW5775000
PROTOCATECHUECALDEHYDE DIMETHYL ETHER see: YX5088000

UL0565000 PROTOCATECHUIC ACID, 5-BROMO-
UPDT:8406 MW: 233.03 MOLFM: C7-H5-Br-O4
SYN: 5-BROMO-3,4-DIHYDROXYBENZOIC ACID * 5-BROMOPROTOCATECHUIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg PMDCAY 5,59,67
PROTOCATECHUIC ALDEHYDE see: UL0380000
PROTOCATECHUIC ALDEHYDE DIMETHYL ETHER see: YX5088000
PROTOCATECHUIC ALDEHYDE ETHYL ETHER see: CU6125000
PROTOCATECHUIC ALDEHYDE METHYLENE ETHER see: TO1575000
PROTOCATECHUYL ALCOHOL,alpha-(ISOPROPYLAMINO-METHYL),- see: DO1750000
PROTOCHLORURE D'IODE (French) see: NN1650000
PROTOCOL C see: NJ0607000

UL1225000 PROTOKLOL HYDROCHLORIDE
UPDT:8403 CAS: 136-69-6 MW: 367.86 MOLFM: C18-H21-N-O5 .Cl-H
SYN: CAYTINE * CAYTINE HYDROCHLORIDE * JB-251 * VENTAIRE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:938 mg/kg TXAPA9 18,196,71
PROTOLIGNIN see: OI6000000
PROTOMIN see: LZ8100000
PROTONA see: BV8052000
PROTOPAM see: UU4200000
PROTOPAM CHLORIDE see: UU4200000
PROTOPAM IODIDE see: UU4375000
PROTOPET see: PY8030000
PROTOPHENICOL see: AB6905000
PROTOPINE see: VS2800000
PROTOPYRIN see: CV4900000
PROTOSTIB see: LZ4370000
PROTOTYPE III SOFT see: KV0350000
PROTOVERATRIN see: FL5750100
PROTOVERATRINE see: FL5750100
PROTOVERATRINE A see: FL5750100
PROTOVERATRINE B see: FL5750000
PROTOVERINE see: FL5700000
PROTOX TYPE 166 see: ZH4810000
PROTOX TYPE 167 see: ZH4810000
PROTOX TYPE 168 see: ZH4810000
PROTOX TYPE 169 see: ZH4810000
PROTOX TYPE 267 see: ZH4810000
PROTOX TYPE 268 see: ZH4810000
PROTOXYL see: CF9625000
PROTRAN see: TZ0175000
PROTRIPTYLINE see: HP1050000
PROTRIPTYLINE HYDROCHLORIDE see: HP1400000
PROTRYPTYLINE see: HP1050000
PROVAMYCIN see: WG9400000
PROVENTIL see: ZE4400000
PROVERA see: TU5010000
PROVERA DOSEPAK see: TU5010000
PROVEST see: TU5010070
PROVIGAN see: SO6825000
PROVITAMIN D see: FZ8400000
PROVITAMIN D(sub 3) see: FZ5650000
PROVITAR see: RN6800700
PROWL see: BX5470000
PROXAGESIC see: EL3000000
PROXAZOLE CITRATE see: RO0689000
PROX DW see: NJ0607000
PROXEN see: UF5275000
PROXIBARBAL see: CP8575000
PROXIBARBITAL see: CP8575000
PROXIL see: NL3520500
PROXIMPHAM (German) see: AL6900000
PROXIPHYLLINE see: XH5907500
PROXOL see: TA0700000
PROXYMETACAINE see: DG3065000
PROXYPHAM see: AL6900000
PROXYPHYLLINE see: XH5907500
PROZIL see: SN8925000
PROZIN see: SN8925000
PROZINEX see: XY5300000
PROZOIN see: UE5950000
PROZORIN see: TU4153300
PRS 640 see: EE1530000
PRT see: SN5090000
PR TOXIN see: XW5868500
PR TOXIN see: WH1316970
P. RUGOSUS ANT VENOM see: YX4179500

UL3460000 PRUNELLA VULGARIS Linn., extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1F07 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78
PRUNETOL see: NR2392000
PRUNOLIDE see: LU3675000

UL3530000 PRUNUS ARMENIACA L., whole kernels
UPDT:8306
SYN: APRICOT KERNELS * KERNELS, APRICOT
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T76T81 orl-rat TDLo:670 gm/kg (13W pre-3W post) JTEHD6 7,457,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UL3550000 PRUNUS CEYLANICA (Wight.) Miq., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: KALAJHAR EXTRACT
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

UL3560000 PRUNUS CORNUTA (Royle) Stevd., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: JAMNA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

UL3570000 PRUNUS EMARGINATA, wood extract
UPDT:8405
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-mus TDLo:14 gm/kg (35D pre) JPMSAE 57,1607,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
PRURALGAN see: NW6950000
PRURALGIN see: NW6950000
PRUSSIAN BROWN see: NO7400000
PRUSSIC ACID see: MW6825000
PRUSSIC ACID (DOT) see: MW6825000
PRUSSIC ACID, UNSTABILIZED see: MW6825000
PRX 1195 see: WL6475000
PRYLEUGAN see: HO1925000
PRYNACHLOR see: AE1140000
PRYSOLINE see: UV9100000
PRZEDZIORKOFOS (Polish) see: TD5775000
PS see: PB6300000
PS 1 see: WL6475000
PS 1 see: BD1200000
PS 2 see: WL6475000
P2S see: US0525000
P2S see: UU4570000
PS 3h see: AK0920000
3PS see: AV0900000
PS(sub 53) see: DB6145200
PS 200 see: WL6475000
PS 209 see: WL6475000
PS 2011 see: UD1842000
PS 2383 see: QF1050000
PS 1 (ALUMINA) see: BD1200000
PS-B see: WL6475000
PSBAN see: UT5013700
PSB-C see: WL6475000
PSB-S see: WL6475000
PSB-S 40 see: WL6475000
PSB-S-E see: WL6475000
PSC-801 see: UK6650000
PSC CO-OP WEEVIL BAIT see: VV8410000
PSEUDECHIS COLLETTI (AUSTRALIA) VENOM see: YX3961200
PSEUDOACETIC ACID see: UE5950000
PSEUDOBUTYLBENZENE see: CY9120000
PSEUDOCAINE BITARTRATE see: UL4900000
PSEUDOCAINE, TARTRATE (1:1) see: UL4900000
PSEUDOCERASTES FIELDI VENOM see: YX4430000
PSEUDOCERASTES PERSICUS FIELDI VENOM see: YX4430000
PSEUDOCHELERYTHRINE see: VP5200000

UL4900000 PSEUDOCOCAINE, TARTATE
UPDT:8306 CAS: 1176-03-0 MW: 453.49 MOLFM: C17-H21-N-O4 .C4-H6-O6
SYN: 2-alpha-CARBOMETHOXY-3-beta-BENZOXYTROPANE TARTRATE * d-COCAINE TARTRATE * DELCAINE TARTRATE * ISOCOCAINE TARTRATE * PSEUDOCAINE BITARTRATE * PSEUDOCAINE, TARTRATE (1:1) * PSICAINE
TOXICITY DATA AND REFERENCES:
* ivn-rat LDLo:30 mg/kg 85ESA3 9,1025,76
* scu-mus LDLo:330 mg/kg PHREA7 12,190,32
scu-cat LDLo:60 mg/kg HBAMAK 4,1289,35
ivn-cat LDLo:15 mg/kg HBAMAK 4,1289,35
* ipr-gpg LDLo:200 mg/kg PHREA7 12,190,32
scu-gpg LDLo:95 mg/kg PHREA7 12,190,32
* ivn-gpg LDLo:20 mg/kg PHREA7 12,190,32
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PHREA7 12,190,32
PSEUDOCUMENE see: OC3325000
PSEUDOCUMIDINE see: BZ0520000
PSEUDOCUMIDINE HYDROCHLORIDE see: BZ0875000

PSEUDOCUMOL see: DC3325000
PSEUDOCYANURIC ACID see: XZ1800000
PSEUDODIGITOXIN see: LZ0525000
PSEUDOEPHEDRINE see: UL5800000
(-)-PSEUDOEPHEDRINE see: UL5750500

UL5750500 PSEUDOEPHEDRINE, (-)-
UPDT:8311 MW: 165.26 MOLFM: C10-H15-N-O
SYN: (-)-PSEUDOEPHEDRINE * D(-)-PSEUDOEPHEDRINE

TOXICITY DATA AND REFERENCES:

3F05F11F12	ipr-mus LD50:248 mg/kg	JPMSAE 53,987,64

D(-)-PSEUDOEPHEDRINE see: UL5750500

UL5800000 PSEUDOEPHEDRINE, L-(+)-
UPDT:8311 CAS: 90-82-4 MW: 165.26 MOLFM: C10-H15-N-O
SYN: BESAN * d-psi-EPHEDRINE * psi-EPHEDRINE * d-ISOEPHEDRINE * alpha-(1-(METHYLAMINO)ETHYL)BENZYL ALCOHOL * d-psi-2-METHYLAMINO-1-PHENYL-1-PROPANOL * PSEUDOEPHEDRINE * L-(+)-PSEUDOEPHEDRINE * NOVAFED * SUDAFED

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:660 mg/kg	JPMSAE 60,1523,71
	scu-rat LDLo:650 mg/kg	27ZIAQ -,225,73
*	orl-mus LD50:500 mg/kg	JPMSAE 60,1523,71
	ivn-dog LDLo:125 mg/kg	27ZIAQ -,225,73
	scu-rbt LDLo:400 mg/kg	27ZIAQ -,225,73
	ivn-rbt LDLo:85 mg/kg	27ZIAQ -,225,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

L-(+)-PSEUDOEPHEDRINE see: UL5800000

UL5950000 PSEUDOEPHEDRINE, HYDROCHLORIDE, L-(+)-
UPDT:8403 CAS: 345-78-8 MW: 201.72 MOLFM: C10-H15-N-O .Cl-H
SYN: BENZENEMETHANOL, alpha-(1-(METHYLAMINO)ETHYL)-, HYDROCHLORIDE, S-(R,R)- * d-(alpha-(1-METHYLAMINO)ETHYL)BENZYL ALCOHOL HYDROCHLORIDE * NOVAFED * d-PSEUDOEPHEDRINE HYDROCHLORIDE * L(+)-PSEUDOEPHEDRINE HYDROCHLORIDE * SINUFED * SUDAFED * SYMPTOM 2 * TUSSAPHED

TOXICITY DATA AND REFERENCES:

	scu-rat LDLo:80 mg/kg	JPETAB 71,62,41
*	orl-mus LD50:371 mg/kg	JPMSAE 60,1523,71
	ipr-mus LD50:202 mg/kg	JPETAB 158,135,67
	par-mus LDLo:400 mg/kg	MAIZAB 3(1),1,25
	ivn-rbt LDLo:75 mg/kg	JPETAB 36,363,29
	par-frg LDLo:800 mg/kg	85DHAX Mn,128,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

d-PSEUDOEPHEDRINE HYDROCHLORIDE see: UL5950000
L(+)-PSEUDOEPHEDRINE HYDROCHLORIDE see: UL5950000
PSEUDOHEXYL ALCOHOL see: EL3850000
PSEUDOJERVIN see: NY9062000
PSEUDOJERVINE see: NY9062000
PSEUDOMETHOXAMINE see: DN3870000
PSEUDOMONAS AERUGINOSA ENDOTOXIN see: JZ2692000
PSEUDONAJA TEXTILIS (AUSTRALIA) VENOM see: YX3962400
PSEUDOPINEN see: DT5077000
PSEUDOPINENE see: DT5077000

UL7450000 PSEUDOSTRYCHNINE
UPDT:8403 CAS: 465-62-3 MW: 350.45 MOLFM: C21-H22-N2-O3
SYN: 16-HYDROXY-STRYCHNINE * STRYCHNIDIN-10-ONE, 16-HYDROXY- (9CI) * psi-STRYCHNINE

TOXICITY DATA AND REFERENCES:

1F12	scu-mus LD50:1210 ug/kg	APSXAS 7,329,70

PSEUDOTHEOPHYLLINE see: XH3850000
PSEUDOTHIOHYDANTOIN see: XJ6276000
PSEUDOTHIOUREA see: YU2800000
PSEUDOTHYMINE see: YR0700000
PSEUDOTROPINE BENZOATE see: YM4200000
PSEUDOTROPINE, BENZOATE (ester) see: YM4200000
PSEUDOUREA see: YR6250000

UL8660000 PSEUDOUREA, 2-(2-AMINOETHYL)-1,3-DIETHYL-2-THIO-, DIHYDROBROMIDE
UPDT:8408 CAS: 1602-18-2 MW: 337.17 MOLFM: C7-H17-N3-S .2Br-H
SYN: 2-AMINOETHYL-N',N'-DIETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE * 2-(2-AMINOETHYL)-1,3-DIETHYL-2-THIOPSEUDOUREA DIHYDROBROMIDE * 1,3-DIETHYL-2-(2 AMINOETHYL)-ISOTHIOURONIUM DIBROMIDE * PSEUDOUREA, 2-THIO-, 1,3-DIETHYL-2-(2-AMINOETHYL)-, DIBROMIDE * USAF B-64

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:50 mg/kg	NTIS** AD277-689
	ivn-mus LD50:16900 ug/kg	YKKZAJ 88,156,68

UL8710000 PSEUDOUREA, 2-(2-AMINOETHYL)-1,3-DIMETHYL-2-THIO-, DIHYDROBROMIDE
UPDT:8406 CAS: 17124-68-4 MW: 309.11 MOLFM: C5-H13-N3-S .2Br-H
SYN: 2-AMINOETHYL-N',N''-DIMETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE * 2-(2-AMINOETHYL)-1,3-DIMETHYL-2-THIOPSEUDOUREA DIHYDROBROMIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:49100 ug/kg	YKKZAJ 88,156,68

UL9905000 PSEUDOUREA, 2-(2-AMINOETHYL)-1-(1-NAPHTHYL)-2-THIO-, DIHYDROBROMIDE
UPDT:8406 CAS: 17124-71-9 MW: 407.21 MOLFM: C13-H15-N3-S .2Br-H
SYN: 2-(2-AMINOETHYL)-1-(1-NAPHTHYL)-2-THIOPSEUDOUREA DIHYDROBROMIDE * 2-AMINOETHYL-N'-alpha-NAPHTHYLISOTHIURONIUM BROMIDE HYDROBROMIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:12200 ug/kg	YKKZAJ 88,156,68

UM0050000 PSEUDOUREA, 2-(2-AMINOETHYL)-1-PHENYL-2-THIO-, DIHYDROBROMIDE
UPDT:8408 CAS: 16181-71-8 MW: 357.15 MOLFM: C9-H13-N3-S .2Br-H
SYN: 2-AMINOETHYL-N'-PHENYLISOTHIURONIUM BROMIDE HYDROBROMIDE * 2-(2-AMINOETHYL)-1-PHENYL-2-THIOPSEUDOUREA DIHYDROBROMIDE * 1-PHENYL-2-(2-AMINOETHYL)ISOTHIOURONIUM DIBROMIDE * PSEUDOUREA, 2-THIO-, 1-PHENYL-2-(2-AMINOETHYL)-, DIBROMIDE * USAF B-62

TOXICITY DATA AND REFERENCES:

	ipr-mus LDLo:75 mg/kg	NTIS** AD277-689
	ivn-mus LD50:18400 ug/kg	YKKZAJ 88,156,68

UM0175000 PSEUDOUREA, (2-AMINOETHYL)-2-THIO-, DIHYDROBROMIDE
UPDT:8408 CAS: 56-10-0 MW: 281.05 MOLFM: C3-H9-N3-S .2Br-H
SYN: AET * AET BROMIDE * AET DIHYDROBROMIDE * AET-2HBR * beta-AMINOAETHYL-ISOTHIURONIUM DIHYDROBROMID (German) * 2-(2-AMINOETHYL)-2-THIOPSEUDOUREA DIHYDROBROMIDE * 2-beta-AMINOETHYLISOTHIOUREA * S-2-AMINOETHYLISOTHIOURONIUM BROMIDE HYDROBROMIDE * 2-(beta-AMINOETHYL)ISOTHIOURONIUM BROMIDE HYDROBROMIDE * AMINOETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE * S-AMINOETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE * S-(beta-AMINOETHYL)ISOTHIURONIUM BROMIDE HYDROBROMIDE * beta-AMINOETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE * 2-AMINOETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE * S-beta-AMINOETHYLISOTHIURONIUM BROMOHYDRATE * 2-AMINOETHYLISOTHIOURONIUM DIBROMIDE * 2-AMINOETHYLISOTHIURONIUM DIHYDROBROMIDE * S-(2-AMINOETHYL)PSEUDOTHIOUREA DIHYDROBROMIDE * 2-AMINOETHYLTHIOPSEUDOUREA DIHYDROBROMIDE * 2-(2-AMINOETHYL)-2-THIOPSEUDOUREA HYDROBROMIDE * ANTIRAD * ANTIRADON * CARBAMIMIDOTHOIC ACID 2-AMINOETHYL ESTER DIHYDROBROMIDE * SURRECTAN * USAF XR-31

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:1000 mg/kg	JPETAB 126,304,59
*	ipr-rat LD50:288 mg/kg	AIPTAK 142,198,63
	ipr-mus LD50:480 mg/kg	JPETAB 126,304,59
	scu-mus LD50:242 mg/kg	ARZNAD 7,576,57
*	ivn-mus LD50:141 mg/kg	YKKZAJ 88,156,68
2F07J22	orl-dog LD50:177 mg/kg	AIPTAK 142,510,63
2F07J22	ipr-dog LD50:113 mg/kg	AIPTAK 142,510,63
2F07J22	ipr-rbt LD50:236 mg/kg	AIPTAK 142,510,63

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UM0190000 PSEUDOUREA, 2-AMINOETHYL-2-THIO-, DIHYDROCHLORIDE
UPDT:8310 CAS: 871-25-0 MW: 192.13 MOLFM: C3-H9-N3-S .2Cl-H
SYN: AET DICHLORIDE * beta-AMINOAETHYLISOTHIURONIUM-CHLORID-HYDROCHLORID (German) * S-beta-AMINOETHYLISOTHIOURONIC DIHYDROCHLORIDE * 2-AMINOETHYLISOTHIOURONIUM DICHLORIDE * 2 AMINOETHYL-2-THIOPSEUDOUREA DICHLORIDE * 2-(2-AMINOETHYL)-2-THIOPSEUDOUREA DIHYDROCHLORIDE * PSEUDOUREA, 2-THIO-, 2-AMINOETHYL-, DICHLORIDE * USAF XR-32

TOXICITY DATA AND REFERENCES:

*	par-rat LD50:325 mg/kg	TXAPA9 1,8,59
	ipr-mus LD50:470 mg/kg	RPTOAN 33,127,70
	scu-mus LD50:266 mg/kg	ARZNAD 8,72,58
*	par-mus LD50:400 mg/kg	TXAPA9 1,8,59
*	par-dog LD50:110 mg/kg	TXAPA9 1,8,59
	par-dog LD50:110 mg/kg	TXAPA9 1,8,59

UM0265000 PSEUDOUREA, 2-AMINOETHYL-2-THIO-, HYDROGEN SULFATE
UPDT:8408 CAS: 18144-22-4 MW: 217.29 MOLFM: C3-H9-N3-S .H2-O4-S
SYN: 2-AMINOETHYLISOTHIOURONIUM SULFATE * PSEUDOUREA, 2-THIO-, 2-AMINOETHYL-, SULFATE * USAF B-53

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:300 mg/kg	NTIS** AD277-689
2F12J22	ivn-mus LD50:156 mg/kg	YKKZAJ 88,747,68

UM2406000 PSEUDOUREA, 2-(2-(DIETHYLAMINO)ETHYL)-1,3-DIMETHYL-2-THIO-, DIHYDROBROMIDE
UPDT:8408 CAS: 18144-26-8 MW: 365.23 MOLFM: C9-H21-N3-S .2Br-H
SYN: 2-DIETHYLAMINOETHYL-N',N'-DIMETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE * 2-(2-(DIETHYLAMINO)ETHYL)-1,3-DIMETHYL-2-THIOPSEUDOUREA DIHYDROBROMIDE

TOXICITY DATA AND REFERENCES:

2F12J22	ivn-mus LD50:88600 ug/kg	YKKZAJ 88,747,68

UM2407000 PSEUDOUREA, 2-(2-(DIETHYLAMINO)ETHYL)-1-PHENYL-2-THIO-, DIHYDROBROMIDE
UPDT:8406 CAS: 17124-74-2 MW: 413.27 MOLFM: C13-H21-N3-S .2Br-H
SYN: DEPT * 2-DIETHYLAMINOETHYL-N'-PHENYLISOTHIURONIUM BROMIDE HYDROBROMIDE * 2-(2-(DIETHYLAMINO)ETHYL)-1-PHENYL-2-THIOPSEUDOUREA DIHYDROBROMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:65900 ug/kg	YKKZAJ 88,156,68
*	scu-mus LD50:100 mg/kg	YKKZAJ 88,156,68
*	ivn-mus LD50:3500 ug/kg	YKKZAJ 88,156,68

UM2410000 PSEUDOUREA, 2-(2-(DIETHYLAMINO)ETHYL)-2-THIO-, DIHYDROCHLORIDE
UPDT:8406 CAS: 17124-73-1 MW: 248.25 MOLFM: C7-H17-N3-S .2Cl-H
SYN: 2-DIETHYLAMINOETHYLISOTHIURONIUM CHLORIDE HYDROCHLORIDE * 2-(2-(DIETHYLAMINO)ETHYL)-2-THIOPSEUDOUREA DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:15600 ug/kg	YKKZAJ 88,156,68

UM2500000 PSEUDOUREA, 1,3-DIETHYL-2-(2-(DIETHYLAMINO)ETHYL)-2-THIO-, DIHYDROBROMIDE
UPDT:8408 CAS: 18144-27-9 MW: 393.29 MOLFM: C11-H25-N3-S .2Br-H
SYN: 2-DIETHYLAMINOETHYL-N',N'-DIETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE * 1,3-DIETHYL-2-(2-(DIETHYLAMINO)ETHYL)-2-THIOPSEUDOUREA DIHYDROBROMIDE

TOXICITY DATA AND REFERENCES:

2F12J22	ivn-mus LD50:27700 ug/kg	YKKZAJ 88,747,68

UM2600000 PSEUDOUREA, 1,3-DIETHYL-2-(2-(DIMETHYLAMINO)ETHYL)-2-THIO-, DIHYDROBROMIDE
UPDT:8408 CAS: 1602-20-6 MW: 365.23 MOLFM: C9-H21-N3-S .2Br-H
SYN: 1,3-DIETHYL-2-(2-(DIMETHYLAMINO)ETHYL)-2-THIOPSEUDOUREA DIHYDROBROMIDE * 2-DIMETHYLAMINOETHYL-N'-N'-DIETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE

TOXICITY DATA AND REFERENCES:

2F12J22	ivn-mus LD50:44300 ug/kg	YKKZAJ 88,747,68

UM3765000 PSEUDOUREA, 2-(2-(DIMETHYLAMINO)ETHYL)-1-PHENYL-2-THIO-, DIHYDROBROMIDE
UPDT:8408 CAS: 18144-21-3 MW: 385.21 MOLFM: C11-H17-N3-S .2Br-H
SYN: 2-(DIMETHYLAMINOETHYL)-N'-PHENYLISOTHIURONIUM BROMIDE HYDROBROMIDE * 2-(2-(DIMETHYLAMINO)ETHYL)-1-PHENYL-2-THIO-PSEUDOUREA DIHYDROBROMIDE

TOXICITY DATA AND REFERENCES:

2F12J22	ivn-mus LD50:51100 ug/kg	YKKZAJ 88,747,68

UM3770000 PSEUDOUREA, 2-(2-(DIMETHYLAMINO)ETHYL)-2-THIO-, DIHYDROCHLORIDE
UPDT:8411 CAS: 16111-27-6 MW: 220.19 MOLFM: C5-H13-N3-S .2Cl-H
SYN: N,N-DIMETHYL-beta-AMINOAETHYL-ISOTHIURONIUM DIHYDROCHLORID (German) * 2-DIMETHYLAMINOETHYLISOTHIURONIUM CHLORIDE HYDROCHLORIDE * S-(2-(DIMETHYLAMINO)ETHYL)PSEUDOTHIOUREA DIHYDROCHLORIDE * 2-(2-(DIMETHYLAMINO)ETHYL)-2-THIOPSEUDOUREA DIHYDROCHLORIDE * NORDIMAPRIT * SKF 91487

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:300 mg/kg	AIPTAK 127,128,60
	scu-mus LD50:63 mg/kg	ARZNAD 7,576,57
*	ivn-mus LD50:49100 ug/kg	YKKZAJ 88,156,68

UM3860000 PSEUDOUREA, 1,3-DIMETHYL-2-(2-(DIMETHYLAMINO)ETHYL)-2-THIO-, DIHYDROBROMIDE
UPDT:8408 CAS: 18144-24-6 MW: 337.17 MOLFM: C7-H17-N3-S .2Br-H
SYN: 2-DIMETHYLAMINOETHYL-N',N'-DIMETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE * 1,3-DIMETHYL-2-(2-(DIMETHYLAMINO)ETHYL)-2-THIO-PSEUDOUREA DIHYDROBROMIDE

TOXICITY DATA AND REFERENCES:

2F12J22	ivn-mus LD50:245 mg/kg	YKKZAJ 88,747,68

UM8400000 PSEUDOUREA, 2-(2-ISOPROPYLAMINOETHYL)-2-THIO-, HYDROGEN SULFATE
UPDT:8308 CAS: 64039-33-4 MW: 259.38 MOLFM: C6-H15-N3-S .H2-O4-S
SYN: 2-ISOPROPYLAMINOETHYLISOTHIOURONIUM SULFATE * USAF B-115

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:200 mg/kg	NTIS** AD277-689

STANDARDS & REGULATIONS:

★	DOT-HAZARD:ORM-A; LABEL:NONE	CFRGBR 49,172.101,82

UN0690000 PSEUDOUREA, 2,2'-(o-PHENYLENEDIMETHYLENE)BIS(2-THIO-, DIHYDROBROMIDE
UPDT:8411 MW: 416.24 MOLFM: C10-H14-N4-S2 .2Br-H

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:110 mg/kg	AIPTAK 127,128,60

PSEUDOUREA, 2,2'-TETRAMETHYLENEBIS(2-THIO-, DIHYDROBROMIDE see: UN1840000

UN1840000 PSEUDOUREA, 2,2'-TETRAMETHYLENEDITHIODI-, DIHYDROBROMIDE
UPDT:8411 CAS: 6345-25-1 MW: 368.20 MOLFM: C6-H14-N4-S2 .2Br-H
SYN: PSEUDOUREA, 2,2'-TETRAMETHYLENEBIS(2-THIO-, DIHYDROBROMIDE * 2,2'-TETRAMETHYLENE-BIS(2-THIOPSEUDOUREA), DIHYDROBROMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:175 mg/kg	AIPTAK 127,128,60

PSEUDOUREA, 2-THIO-, 2-AMINOETHYL-, DICHLORIDE see: UM0190000
PSEUDOUREA, 2-THIO-, 2-AMINOETHYL-, SULFATE see: UM0265000
PSEUDOUREA, 2-THIO-, 1,3-DIETHYL-2-(2-AMINOETHYL)-, DIBROMIDE see: UL8660000
PSEUDOUREA, 2-THIO-, 1-PHENYL-2-(2-AMINOETHYL)-, DIBROMIDE see: UM0050000
PSEUDOXANTHINE see: ZD7700000

PS 454H see: WL6475000
PSICAINE see: UL4900000
PSICHERGINA see: SH5075000
PSICHIAL see: DE9450000
PSICODISTEN see: NS1225000
PSICOPAN see: SH5075000
PSICOPAX see: DF0350000
PSICOPAX see: DF1400000
PSICOPERIDOL see: EU3550000
PSICOPERIDOL-R see: EU3500000
PSICOPLEGIL see: SC5075000
PSICOSAN see: DE9450000
PSICOSAN see: DE9275000
PSICOSEDINA see: SC5075000
PSICOSTEN see: MV7350000
PSICOSTERONE see: BV8396000
PSICOTERINA see: DE9450000
PSICRONIZER see: NX4912800
PSIDIUM GUAJAVA see: MG0195000

U01760000 PSIDIUM GUAJAVA Linn., extract excluding roots
DEF:Indian plant belonging to the family MYRTACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: AMROOD, extract
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:188 mg/kg IJEBA6 15,208,77

PSILOCIBIN see: NM3150000
PSILOCIN PHOSPHATE ESTER see: NM3150000
PSILOCYBIN see: NM3150000
PSILOCYBINE see: NM3150000
PSILOTSIBIN see: NM3150000
PSIQUERGINA see: SH5075000
PSIQUIUM see: DE9070000
PS-K see: OC5680300
PSL see: TB1720000
PSML see: TR7400000
PSORADRATE see: CB1225000

U02361500 PSORALEA CORYLIFOLIA L., dry powdered seeds
UPDT:8401
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-mus TDLo:84 gm/kg (14D pre) JOENAK 12,261,55
1T13 orl-mus TDLo:630 gm/kg (21D pre) JOENAK 12,261,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PSORIACIDE see: CB1225000
PSORIACID-STIFT see: CB1225000
PSOROMIC ACID see: HP3082200
PS 2 (POLYMER) see: WL6475000
PS 5 (POLYMER) see: WL6475000
PS-SU2 see: WL6478000
PSV-L see: WL6475000
PSV-L 1 see: WL6475000
PSV-L 2 see: WL6475000
PSV-L 1S see: WL6475000
PSX 1 see: CB9713000
PSYCHAMINE A 66 HYDROCHLORIDE see: QE6650000
PSYCHEDRINE see: SI1750000
PSYCHEDRINE see: SH9450000
PSYCHEDRINUM see: SI1750000
PSYCHEDRYNA see: SI1750000
PSYCHERGINE see: SH5075000
PSYCHODRINE see: SI1400000
PSYCHOLIQUID see: TI4375000
PSYCHOTABLETS see: TI4375000
PSYCHOTON see: SI1750000

U02627000 PSYCHOTRIA CALOCARPA Kurz., extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:250 mg/kg IJEBA6 12,512,74

U02627500 PSYCHOTRIA MONTICOLA Kurz., extract
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
3H30M10U26 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

U02628000 PSYCHOTRIA SYMPLOCIFOLIA Kurz., extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:40 mg/kg IJEBA6 12,512,74

U02629000 PSYCHOTRIA TRUNCATA Wall., extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: KALAPISA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 11,43,73

PSYCHOZINE see: SO1750000
PSYCOPERIDOL HYDROCHLORIDE see: EU3550000
PSYKOTON see: SH5075000
PSYTOMIN see: SP1140000
cisPT(II) see: TP2450000
Pt-01 see: TP2450000
Pt-04 see: TP2485500
Pt-05 see: TP2497120
Pt-09 see: TP2485803
Pt-11 see: TP2210000
Pt-93 see: TP1880000
PT 360 see: RQ2975000
P 2020T see: TQ3325000
P 2050T see: TQ3325000
P 4007T see: TQ3325000
PTAB see: BT4725000
PTAP see: SM6825000
PTB see: TP2509100
PTC see: SC6200000
PTC see: YU1400000
PTEGLU see: LP5425000
2,4,7-PTERIDINETRIAMINE, 6-PHENYL- (9CI) see: UO3470000

U03470000 PTERIDINE, 2,4,7-TRIAMINO-6-PHENYL-
UPDT:8412 CAS: 396-01-0 MW: 253.30 MOLFM: C12-H11-N7
SYN: ADEMINE * DIREN * DITAK * DYRENIUM * DYTAC * JATROPUR * NCI C56042 * NORIDIL * 6-PHENYL-2,4,7-PTERIDINETRIAMINE * 6-PHENYL-2,4,7-TRIAMINOPTERIDINE * 2,4,7-PTERIDINETRIAMINE, 6-PHENYL- (9CI) * PTEROFEN * PTEROPHENE * SKF 8542 * TATURIL * TERIAM * TERIDIN * 2,4,7-TRIAMINO-6-FENILPTERIDINA (Italian) * 2,4,7-TRIAMINO-6-PHENYLPTERIDINE * TRIAMPUR * TRIAMTEREN * TRIAMTERENE * TRIAMTERIL * TRIAMTERIL COMPLEX * TRI-SPAN * TRITEREN
MUTATION DATA AND REFERENCES:
cyt-ham:lng 2800 ug/L GMCRDC 27,95,81
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:285 mg/kg FRXXBL #2314719
* ipr-mus LD50:249 mg/kg NIIRDN 6,519,82
* scu-mus LD50:620 mg/kg NIIRDN 6,519,82
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984

4-PTERIDINOL, 2-AMINO-6-((p-((1,3-DICARBOXYPROPYL)CARBAMOYL)ANILINO)METHYL)- see: LP5425000

U03511000 PTERIDIN-7(8H)-ONE, 8-(2-(DIMETHYLAMINO)ETHYL)-6-METHYL-, MONOHYDROCHLORIDE
UPDT:8406 MW: 269.77 MOLFM: C11-H15-N5-O .Cl-H
SYN: 1-DIMETHYLAMINOETHYL-3-METHYL-6,8-DIAZAQUINOXALIN-2(1H)-ONE HYDROCHLORIDE * 8-(2-(DIMETHYLAMINO)ETHYL)-6-METHYLPTERIDIN-7(8)-ONE MONOHYDROCHLORIDE * 1-DIMETILAMMINOETIL-3-METIL-6,8-DIAZACHINOSSALIN-2(1H)-ONE (Italian)
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:316 mg/kg FRPSAX 38,869,83

PTERIDIUM AQUILINUM see: EE1520000

U03530000 PTERIDIUM AQUILINUM (Linn.) Kuhn., extract
DEF:Indian plant belonging to the family POLYPODIACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: KAKHASH EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

PTERIDIUM AQUILINUM TANNIN see: EE1521000
PTERINOCHILUS sp. VENOM see: YX4530500
PTERIS AQUALINA see: EE1520000

U03630000 PTERIS LONGIFOLIA Linn., extract
DEF:Indian plant belonging to the family POLYPODIACEAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

U03640000 PTERIS QUADRIAURITA Retz. var. BLUMEANA, extract
DEF:Indian plant belonging to the family POLYPODIACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: THADOUNEA EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

U03645000 PTERIS VITTATA Linn., leaf extract
DEF:Indian plant belonging to the family PTERIDACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:62500 ug/kg IJEBA6 18,594,80

U03650000 PTERIS WALLICHIANA Agardh., extract
DEF:Indian plant belonging to the family POLYPODIACEAE (IJEBA6 11,43,73)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:250 mg/kg IJEBA6 11,43,73

U03660000 PTEROCARPUS SANTALINUS Linn. f., root extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 18,594,80

U03670000 PTEROCARPUS SANTALINUS Linn. f., seed extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1N22 ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

PTEROFEN see: UO3470000
PTEROPHENE see: UO3470000

U03920000 PTEROSPERMUM ACERIFOLIUM Willd., leaf extract
DEF:Indian plant belonging to the family STERCULIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

U03950000 PTEROSPERMUM HEYNEANUM Wall., extract excluding roots
DEF:Indian plant belonging to the family STERCULIACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: GIRING EXTRACT
TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:300 mg/kg IJEBA6 7,250,69

PTEROYLGLUTAMIC ACID see: LP5425000
PTEROYL-L-GLUTAMIC ACID see: LP5425000
PTEROYLMONOGLUTAMIC ACID see: LP5425000
PTEROYL-L-MONOGLUTAMIC ACID see: LP5425000

U04552000 PTERYGOSPERMIN
UPDT:8308 CAS: 11054-42-5 MW: 406.54 MOLFM: C22-H18-N2-O2-S2
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:25 mg/kg 85GDA2 8(2),357,82

U04555000 PTERYGOTA ALATA (Roxb.) R. Br., extract excluding roots
DEF:Indian plant belonging to the family STERCULIACEAE (IJEBA6 18,594,80)
UPDT:8412
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T27 orl-rat TDLo:150 mg/kg (12-14D preg) IJEBA6 18,594,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

P. TEXTILIS (AUSTRALIA) VENOM see: YX3962400
PTFE see: KX4025000
PTFE see: KX4026000
PTFE-GM3 see: KX4025000
(D-PTF(sup 6))-LHRH see: OK6701000
(D-PTF(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6701000
PTH see: RV9323000
PTIMAL see: RQ2100000
PTMS see: XT6320000
PTMSA see: XT6320000
PTS 2 see: TQ3325000
PTT 119 see: PD0720000
PTU see: YU1400000
PTU see: YR1400000
PTU 23 see: FE1100000
PTU 24 see: FE1120000
PTU 25 see: FE1070000
PTU (THYREOSTATIC) see: YR1400000
PTX see: RT6460000
PTZ see: XF8225000
PU-239 see: UY4330000
PU 603 see: AG0525000
PUD (HERBICIDE) see: YT1450000

U05215000 PUERARIEAE RADIX EXTRACT
DEF:Chinese crude drug (YKKZAJ 102,596,82)
UPDT:8404

MUTATION DATA AND REFERENCES:
mmo-sat 12500 ug/plate YKKZAJ 102,596,82
PUFEMID see: WN2818000
PULANOMYCIN see: UW7900000
PULARIN see: MI0700000
PULA STEM BARK EXTRACT (Indian) see: OC8725000
PULEGONE see: OT0260000
d-PULEGONE see: OT0260000

UO5450000 PULICARIA FOLIOLOSA DC., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1N22 ipr-mus LD50:1 gm/kg IJEBA6 18,594,80
PULSAN see: UB6650000
PULVERIZED NICKEL see: QR5950000
PUNANG EXTRACT (Indian) see: EW8560000

UO6345000 PUNICA GRANATUM Linn., fruit skin
UPDT:8401
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:420 gm/kg (28D pre) IJMRAQ 48,46,60
1T23 orl-rat TDLo:420 gm/kg (28D male) IJMRAQ 48,46,60
1T22 orl-gpg TDLo:504 gm/kg (28D pre) IJMRAQ 48,46,60
1T23 orl-gpg TDLo:504 gm/kg (28D male) IJMRAQ 48,46,60
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UO6355000 PUNIEA GRANATUM Linn., extract excluding roots
DEF:Indian plant belonging to the family PUNICACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: DARIM, extract
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-mus LD50:250 mg/kg IJEBA6 15,208,77
PUNKI EXTRACT (Indian) see: GK0888100

UO6390000 PUPALIA LAPPACEA (Linn.) Juss., extract
DEF:Indian plant belonging to the family AMARANTACEAE (IJEBA6 11,43,73)
UPDT:8305
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:500 mg/kg IJEBA6 11,43,73
PURADIN see: RQ3675000
PURAGEL see: LX8580000
PURALIN see: JO1400000
PURAMUTTI EXTRACT (Indian) see: YM1305000
PURAPURIDINE see: WF1300000
PURASAN-SC-10 see: OV6475000
PURATIZED see: BT4725000
PURATIZED AGRICULTURAL SPRAY see: BT4725000
PURATIZEDAT AGRICULTURAL SPRAY see: BT4725000
PURATIZED NSE see: BT4725000
PURATRONIC CHROMIUM CHLORIDE see: GB5425000
PURATRONIC CHROMIUM TRIOXIDE see: GB6650000
PURATURF see: BT4725000
PURATURF 10 see: OV6475000
PURE CHROMIUM OXIDE GREEN 59 see: GB6475000
PURE CHRYSOIDINE YBH see: ST3380000
PURE CHRYSOIDINE YD see: ST3380000
PURE EOSINE YY see: LM5850000
PURE LEMON CHROME L3GS see: GB2975000
PURE ORANGE CHROME M see: OF9800000
PURE ORANGE CHROME Y see: OF9800000
PURE ORANGE II S see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
PURE QUARTZ see: VV7330000
PURE SKY BLUE 6B see: QJ6430000
PUREX see: VZ4725000
PURE ZINC CHROME see: GB3290000
PURE ZINC CHROME A see: GB3290000
PURE ZINC YELLOW see: GB3290000
PURIFILIN see: XH5100000
PURIMETHOL see: UO9800000
1H-PURIN-2-AMINE see: UO7475000
1H-PURIN-6-AMINE see: AU6125000
9H-PURIN-6-AMINE, 9-beta-D-ARABINOFURANOSYL-, MONOHYDRATE see: AU6210000
1H-PURIN-2-AMINE, 6-CHLORO- (9CI) see: UO7502000 PURINE, 2-AMINO-6-CHLORO-
9H-PURIN-6-AMINE, 9-(6-DEOXY-beta-D-erythro-HEX-5-EN-2-ULOFURANOSYL)- see: AU6256000

UO7440900 9H-PURIN-6-AMINE, 2-FLUORO-9-(5-O-PHOSPHONO-beta-D-ARABINOFURANOSYL)-
UPDT:8411 CAS: 75607-67-9 MW: 365.25 MOLFM: C10-H13-F-N5-O7-P
SYN: FLUDARABINE PHOSPHATE * 2-FLUORO-9-(5-O-PHOSPHONO-beta-D-ARABINOFURANOSYL)-9H-PURIN-6-AMINE * NSC-312887
TOXICITY DATA AND REFERENCES:
1F07 ivn-mus LD50:1236 mg/kg NTIS** PB83-195685
1H-PURIN-6-AMINE, N-HYDROXY- (9CI) see: AU6300000
1H-PURIN-2-AMINE, 6-((1-METHYL-4-NITRO-1H-IMIDAZOL-5-YL)-THIO)- see: UO7505000
1H-PURIN-6-AMINE, N-METHYL-N-NITROSO- see: AU6560000
1H-PURIN-6-AMINE, N(sup 6)-METHYL-N(sup 6)-NITROSO- see: AU6560000

UO7441600 9H-PURIN-6-AMINE, N(sup 6)-METHYL-N(sup 6)-NITROSO-9b-D-RIBOFURANOSYL-
UPDT:8405 MW: 310.31 MOLFM: C11-H14-N6-O5
SYN: N(sup 6)-(METHYLNITROSO)ADENOSINE * N(sup 6)-METHYL-N(sup 6)-NITROSO-9b-D-RIBOFURANOSYL-9H-PURIN-6-AMINE
TUMORIGENIC DATA AND REFERENCES:
3V01J60R60 orl-mus TDLo:16368 mg/kg/66W-I IJCNAW 24,319,79
3V01J60P62 orl-mus TD :17856 mg/kg/72W-I IJCNAW 24,319,79
3V02J60R60 orl-mus TD :26 gm/kg/2Y-I IAPUDO 31,787,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UO7450000 PURINE
UPDT:8401 CAS: 120-73-0 MW: 120.13 MOLFM: C5-H4-N4
SYN: 7H-IMIDAZO(4,5-d)PYRIMIDINE * NSC 753 * beta-PURINE * 7H-PURINE * 9H-PURINE * ISOPURINE * 3,5,7-TRIAZAINDOLE
MUTATION DATA AND REFERENCES:
pic-esc 1 gm/L ZAPOAK 12,583,72
dnd-mam:lym 50 mmol/L PNASA6 48,686,62
TUMORIGENIC DATA AND REFERENCES:
2V03L60 scu-rat TDLo:156 mg/kg/8W-I CNREA8 38,2229,78
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:800 mg/kg ADTEAS 3,181,68
ipr-mus LD50:150 mg/kg JMCMAR 6,480,63
1P26 unk-mus LD10:400 mg/kg PMDCAY 7,69,70
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
beta-PURINE see: UO7450000
7H-PURINE see: UO7450000
9H-PURINE see: UO7450000

UO7450700 9H-PURINE-9-ACETALDEHYDE, 6-AMINO-alpha-(1-FORMYL-2-HYDROXYETHOXY)-
UPDT:8311 MW: 265.26 MOLFM: C10-H11-N5-O4
SYN: 6-AMINO-alpha-(1-FORMYL-2-HYDROXYETHOXY)-9H-PURINE-9-ACETALDEHYDE
MUTATION DATA AND REFERENCES:
dni-mus:ast 250 umol/L CALEDQ 1,133,76
oms-mus:ast 250 umol/L CALEDQ 1,133,76

UO7450800 9H-PURINE-9-ACETALDEHYDE, 1,6-DIHYDRO-alpha-(1-FORMYL-2-HYDROXYETHOXY)-6-OXO-
UPDT:8311 MW: 266.24 MOLFM: C10-H10-N4-O5
SYN: 1,6-DIHYDRO-alpha-(1-FORMYL-2-HYDROXYETHOXY)-6-OXO-9H-PURINE-9-ACETALDEHYDE
MUTATION DATA AND REFERENCES:
dni-mus:ast 250 umol/L CALEDQ 1,133,76
oms-mus:ast 250 umol/L CALEDQ 1,133,76

UO7450900 9H-PURINE-9-ACETALDEHYDE, alpha-(1-FORMYL-2-HYDROXYETHOXY)-
UPDT:8311 MW: 250.24 MOLFM: C10-H10-N4-O4
SYN: alpha-(1-FORMYL-2-HYDROXYETHOXY)-9H-PURINE-9-ACETALDEHYDE
MUTATION DATA AND REFERENCES:
dni-mus:ast 250 umol/L CALEDQ 1,133,76
oms-mus:ast 250 umol/L CALEDQ 1,133,76

UO7451000 9H-PURINE-9-ACETALDEHYDE, alpha-(1-FORMYL-2-HYDROXYETHOXY)-1,6-DIHYDRO-6-OXO-, (R,R)-
UPDT:8402 CAS: 23590-99-0 MW: 266.24 MOLFM: C10-H10-N4-O5
SYN: DIGLYCOALDEHYDE * (R,R)-alpha-(1-FORMYL-2-HYDROXYETHOXY)-1,6-DIHYDRO-6-OXO-9H-PURINE-9-ACETALDEHYDE * INOSINE DIALDEHYDE * INOX * NSC 118994 * 9H-PURINE-9-ACETALDEHYDE, alpha-(1-FORMYL-2-HYDROXYETHOXY)-1,6-DIHYDRO-6-OXO-, (R,(R*,R*))-
MUTATION DATA AND REFERENCES:
dni-rat:lvr 1 mmol/L CNREA8 37,2188,77
oms-rat:lvr 1 mmol/L CNREA8 37,2188,77
dni-mus:oth 1 mmol/L CNREA8 37,2188,77
oms-mus:oth 1 mmol/L CNREA8 37,2188,77
dni-mus:leu 100 umol/L CNREA8 37,2188,77
oms-mus:leu 100 umol/L CNREA8 37,2188,77
dni-ham:ovr 100 umol/L CNREA8 37,2188,77
oms-ham:ovr 100 umol/L CNREA8 37,2188,77
TOXICITY DATA AND REFERENCES:
3K30P05P17 ivn-mus LD50:567 mg/kg NTIS** PB82-166125
9H-PURINE-9-ACETALDEHYDE, alpha-(1-FORMYL-2-HYDROXYETHOXY)-1,6-DIHYDRO-6-OXO-, (R,(R*,R*))- see: UO7451000

UO7451200 9H-PURINE-9-ACETALDEHYDE, alpha-(1-FORMYL-2-HYDROXYETHOXY)-6-(METHYLAMINO)-
UPDT:8402 MW: 279.29 MOLFM: C11-H13-N5-O4
SYN: alpha-(1-FORMYL-2-HYDROXYETHOXY)-6-(METHYLAMINO)-9H-PURINE-9-ACETALDEHYDE
MUTATION DATA AND REFERENCES:
dni-mus:ast 250 umol/L CALEDQ 1,133,76
oms-mus:ast 250 umol/L CALEDQ 1,133,76

UO7452000 PURINE-7-ACETIC ACID, 1,2,3,6-TETRAHYDRO-1,3-DIMETHYL-2,6-DIOXO-, compd. with 7-(2-(DIMETHYLAMINO)ETHOXY)FLAVONE (1:1)
UPDT:8305 CAS: 1715-55-5 MW: 547.62 MOLFM: C19-H19-N-O3 .C9-H10-N4-O4
SYN: APERFLAVON * 1,3-DIMETHYLXANTHINE-7-ACETIC ACID 7-(beta-DIMETHYL)(AMINOETHOXY)FLAVON * LAOFLAVON * PERFLAVON * PERFLAVONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4130 mg/kg TOIZAG 19,116,72
* orl-mus LD50:2570 mg/kg TOIZAG 19,116,72

UO7452200 PURINE-7-ACETIC ACID, 1,2,3,6-TETRAHYDRO-1,3-DIMETHYL-2,6-DIOXO-, ESTER with 2-AMINO- 2-(HYDROXYMETHYL)-1,3-PROPANEDIOL
UPDT:8308 MW: 341.37 MOLFM: C13-H19-N5-O6
SYN: 1,3-DIMETIL-2,6 DIOXIPURINA ETANOATO de TRIS-(HIDROXIMETIL)-AMINOMETANO (Spanish) * TEOTAM
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:16800 mg/kg BCFAAI 110,653,71

UO7452700 7H-PURINE-7-ACETIC ACID, 1,2,3,6-TETRAHYDRO-1,3-DIMETHYL-2,6-DIOXO-8-(3-PYRIDYLMETHYL)-
UPDT:8411 CAS: 28345-98-4 MW: 329.35 MOLFM: C15-H15-N5-O4
TOXICITY DATA AND REFERENCES:
* ivn-mam LD50:500 mg/kg CHTPBA 5,321,70

UO7453000 PURINE-7-ACETIC ACID, 1,2,3,6-TETRAHYDRO-1,3-DIMETHYL-2,6-DIOXO-, SODIUM SALT
UPDT:8308 MW: 260.21 MOLFM: C9-H9-N4-O4 Na
SYN: TEOFILINA-ACETICO Na (Spanish) * 1,2,3,6-TETRAHYDRO-1,3-DIMETHYL-2,6-DIOXO-PURINE-7-ACETIC ACID SODIUM SALT
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:9700 mg/kg BCFAAI 110,653,71

UO7475000 PURINE, 2-AMINO-
UPDT:8408 CAS: 452-06-2 MW: 135.15 MOLFM: C5-H5-N5
SYN: 2-AMINOPURINE * 1H-PURIN-2-AMINE * SQ 22451
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate MUREAV 111,283,83
mmo-esc 1 mg/plate MUREAV 50,1,78
pic-esc 10 mg/L CHDDAT 274,1860,72
mmo-omi 1200 mg/L ZAPOAK 16,279,76
mmo-omi 1 gm/L/4H-C JGMIAN 121,349,80
mmo-omi 1 gm/L MUREAV 22,223,74
mmo-omi 1 mg/plate PNASA6 58,256,67
mmo-omi 80 mg/L MUREAV 43,37,77
mmo-omi 700 mg/L MUREAV 23,267,74
mmo-nsc 1 gm/L MUREAV 12,129,71
mmo-smc 1 pph AGACBH 4,286,74
mrc-smc 1 pph AGACBH 4,286,74
mmo-asn 7400 umol/L MUREAV 75,1,80
slt-mus-ipr 2 mmol/L MUREAV 46,202,77
cyt-mus:emb 4 mmol/L MUREAV 75,1,80
msc-mus:lym 250 mg/L/4H MUREAV 59,61,79
otr-ham:emb 100 mg/L PNASA6 78,5685,81
sce-ham:ovr 100 umol/L CHROAU 85,603,82
msc-ham:emb 100 mg/L PNASA6 78,5685,81
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
PURINE, 6-AMINO- see: AU6125000
1H-PURINE, 6-AMINO see: AU6125000

UO7501000 PURINE, 2-AMINO-6-(BENZYLTHIO)-
UPDT:8305 CAS: 1874-58-4 MW: 257.34 MOLFM: C12-H11-N5-S
SYN: 2-AMINO-6-BENZYLMERCAPTOPURINE * 2-AMINO-6-BENZYL-MP * 2-AMINO-6-(BENZYLTHIO)PURINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:100 mg/kg (7D preg) JRPFA4 4,291,62

1T25 ipr-rat TDLo:50 mg/kg (7D preg) JRPFA4 4,291,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UO7502000 PURINE, 2-AMINO-6-CHLORO-
UPDT:8401 CAS: 10310-21-1 MW: 169.59 MOLFM: C5-H4-Cl-N5
SYN: 6-CHLOROGUANINE * 1H-PURIN-2-AMINE, 6-CHLORO- (9CI)
MUTATION DATA AND REFERENCES:
sce-ham:lng 20 mg/L/24H MUREAV 139,149,84

UO7504000 PURINE, 2-AMINO-6-HYDROXY-9-(2-HYDROXYETHOXYMETHYL)-
UPDT:8403 CAS: 59277-89-3 MW: 225.24 MOLFM: C8-H11-N5-O3
SYN: ACICLOVIR * ACYCLOGUANOSINE * ACYCLOVIR * 2-AMINO-6-HYDROXY-9-(2-HYDROXYETHOXYMETHYL)PURINE * 2-AMINO-1,9-DIHYDRO-9-((2-HYDROXYETHOXY)METHYL)-6H-PURIN-6-ONE * BW 248U * GUANOSINE, 9-((2-HYDROXYETHOXY)METHYL)- * 9-(2-HYDROXYETHOXYMETHYL)GUANINE * 9-((2-HYDROXYETHOXY)METHYL)GUANOSINE * 6H-PURIN-6-ONE, 2-AMINO-1,9-DIHYDRO-9-((2-HYDROXYETHOXY)-METHYL)- * WELLCOME-248U * ZOVIRAX
TOXICITY DATA AND REFERENCES:
orl-mus LD50:10 gm/kg DRFUD4 3,788,78
ipr-mus LD50:1000 mg/kg DRFUD4 3,788,78

UO7505000 PURINE, 2-AMINO-6-((1-METHYL-4-NITROIMIDAZOL-5-YL)THIO)-
UPDT:8305 CAS: 5581-52-2 MW: 292.31 MOLFM: C9-H8-N8-O2-S
SYN: 2-AMINO-6-(1-METHYL-4-NITRO-5-IMIDAZOLYL)MERCAPTOPURINE * 2-AMINO-6-(1'-METHYL-4'-NITRO-5'-IMIDAZOLYL)MERCAPTOPURINE * 6-BENZYLAMINOPURINE * BW 57-322 * BW 57-323H * GUANEBAN * NSC-38887 * ITG * 1H-PURIN-2-AMINE, 6-((1-METHYL-4-NITRO-1H-IMIDAZOL-5-YL)-THIO)- * THIAMIPRINE * TIAMIPRINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ipr-rat TDLo:5 mg/kg (7D preg) JRPFA4 4,291,62
1T25 ipr-rbt TDLo:7500 ug/kg (6-8D preg) FESTAS 18,7,67
2T34T46 ipr-rbt TDLo:15 mg/kg (12-14D preg) TNEOAO 18,57,64
1T35 ipr-rbt TDLo:7500 ug/kg (6-8D preg) TNEOAO 18,57,64
1T24 ipr-rbt TDLo:15 mg/kg (4-6D preg) TNEOAO 18,57,64
2T34T59 unk-rbt TDLo:42500 ug/kg (4-20D preg) CCPTAY 2,85,70
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1775 mg/kg MarJV# 29MAR77
orl-mus LD50:600 mg/kg RPTOAN 34,284,71
ipr-mus LD50:136 mg/kg RPTOAN 34,284,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UO7512000 PURINE, 6-(BENZYLTHIO)-
UPDT:8307 CAS: 724-34-5 MW: 242.32 MOLFM: C12-H10-N4-S
SYN: 6-BENZOTHIOPURINE * 6-BENZYLMERCAPTOPURINE * 6-BENZYL-MP * 6-(BENZYLTHIO)PURINE * 1H-PURINE, 6-((PHENYLMETHYL)THIO)- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:100 mg/kg (7D preg) JRPFA4 4,291,62
1T25 ipr-rat TDLo:75 mg/kg (7D preg) JRPFA4 4,291,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UO7520000 PURINE, 6-CHLORO-
UPDT:8303 CAS: 87-42-3 MW: 154.57 MOLFM: C5-H3-Cl-N4
SYN: 6-CHLOROPURINE * 6-CHLORPURINE * CIP
MUTATION DATA AND REFERENCES:
mmo-sat 10 uL/plate ANYAA9 76,475,58
mmo-esc 10 uL/disc ANYAA9 76,475,58
mmo-omi 500 mg/L SOGEBZ 6,1509,70
hmo-mus/sat 25 mg/kg MUREAV 26,455,74
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ipr-rat TDLo:100 mg/kg (7D preg) JRPFA4 4,291,62
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:400 mg/kg ADTEAS 3,181,68
1P26 unk-mus LD10:230 mg/kg PMDCAY 7,69,70
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLPTAT 5,480,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

9H-PURINE, 1,6-DIHYDRO-6-IMINO- see: AU6125000

UO7670000 PURINE, 6-((2,4-DINITROPHENYL)THIO)-
UPDT:8305 MW: 318.29 MOLFM: C11-H6-N6-O4-S
SYN: 6-(2',4'-DINITROPHENYL)MERCAPTOPURINE * 6-(2,4-DINITROPHENYL)-MP * 6-((2,4-DINITROPHENYL)THIO)PURINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ipr-rat TDLo:50 mg/kg (7D preg) JRPFA4 4,291,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PURINE-2,6-DIOL see: ZD7700000
9H-PURINE-2,6-DIOL see: ZD7700000
2,6(1,3)-PURINEDION see: ZD7700000
PURINE-2,6-(1H,3H)-DIONE see: ZD7700000
9H-PURINE-2,6-(1H,3H)-DIONE see: ZD7700000
1H-PURINE-2,6-DIONE, 7-(2-(DIETHYLAMINO)ETHYL)-3,7-DIHYDRO-1,3-DIMETHYL-, HYDROCHLORIDE see: XH5095500
1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-1,3-DIMETHYL- (9CI) see: XH3850000
1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-1,3-DIMETHYL-, compd. with 2-AMINO-2-METHYL-1-PROPANOL (1:1) see: XH4375000
1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-1,3-DIMETHYL-, compd. with 1,2-ETHANEDIAMINE (2:1) (9CI) see: XH5600000
1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-1,3-DIMETHYL-7-(2-HYDROXYPROPYL)- see: XH5907500
1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-1,3-DIMETHYL-7-(2-(OCTADECYLAMINO)ETHYL)- see: XH6375000
1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-3,7-DIMETHYL-1-(5-OXOHEXYL)- (9CI) see: XH2475000

UO8430000 1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-1,3-DIMETHYL-7-(2-(SULFOOXY)ETHYL)-, compd. with 5-HYDROXY-6-METHYL-3,4-PYRIDINEDIMETHANOL (1:1)
UPDT:8403 CAS: 53403-97-7 MW: 473.51 MOLFM: C9-H12-N4-O6-S C8-H11-N-O3
SYN: ATHEROPHYLLINE * 7-(2-HYDROXYETHYL)THEOPHYLLINE HYDROGEN SULFATE compd. with PYRIDOXOL * PYRIDOFYLLINE * PYRIDOXOL compd. with 7-(2-HYDROXYETHYL)THEOPHYLLINE HYDROGEN SULFATE * THEOPHYLLINEETHYLSULFATE of PYRIDOXINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1600 mg/kg MEIEDD 10,1150,83

1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-7-(1,3-DIOXOLAN-2-YLMETHYL)-1,3-DIMETHYL- (9CI) see: XH5135000
1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-1-(2-HYDROPROPYL)-3,7-DIMETHYL- (9CI) see: XH2387000
1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-3-HYDROXY- see: ZD8100000
1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-7-HYDROXY-1,3-DIMETHYL- (9CI) see: XH5775000

UO8437700 1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-7-(3-((2-HYDROXY-3-((2-METHYL-1H-INDOL-4-YL)OXY)PROPYL) AMINO)BUTYL)-1,3-DIMETHYL-
UPDT:8305 CAS: 65184-10-3 MW: 454.59 MOLFM: C23-H30-N6-O4
SYN: D-13,312 * 7-(3-((2-HYDROXY-3-((2-METHYLINDOL-4-YL)OXY)PROPYL)AMINO)BUTYL)THEOPHYLLINE * TEOPROLOL
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:110 mg/kg DRFUD4 7,825,82
* orl-mus LD50:1870 mg/kg DRFUD4 7,825,82
* ivn-mus LD50:39 mg/kg DRFUD4 7,825,82
* ivn-dog LD50:38 mg/kg DRFUD4 7,825,82

1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-7-(2-HYDROXYPROPYL)-1,3-DIMETHYL- (9CI) see: XH5907500
1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-1,3,7-TRIMETHYL- see: EV6475000
1H-PURINE-2,6-DIONE, 7-(2,3-DIHYDROXYPROPYL)-3,7-DIHYDRO-1,3-DIMETHYL see: XH5100000
1H-PURINE-2,6-DIONE, 7-(2-(DODECYLAMINO)ETHYL)-3,7-DIHYDRO-1,3-DIMETHYL- see: XH5157500
1H-PURINE-2,6-DIONE, 7-(2-(HEXADECYLAMINO)ETHYL)-3,7-DIHYDRO-1,3-DIMETHYL- see: XH5650000
PURINE, 6-MERCAPTO- see: UO9800000

UO8925000 PURINE, 6-((1-METHYL-4-NITROIMIDAZOL-5-YL)THIO)-
UPDT:8412 CAS: 446-86-6 MW: 277.29 MOLFM: C9-H7-N7-O2-S
SYN: AZANIN * AZATIOPRIN * AZATHIOPRINE * AZOTHIOPRINE * BW 57-322 * CCUCOL * IMURAN * IMUREK * IMUREL * METHYLNITROIMIDAZOLYLMERCAPTOPURINE * 6-(1'-METHYL-4'-NITRO-5'-IMIDAZOLYL)-MERCAPTOPURINE * 6-(METHYL-p-NITRO-5-IMIDAZOLYL)-THIOPURINE * 6-((1-METHYL-4-NITROIMIDAZOL-5-YL)THIO)PURINE * 6-(1-METHYL-p-NITRO-5-IMIDAZOLYL)-THIOPURINE * 6-(1-METHYL-4-NITROIMIDAZOL-5-YLTHIO)PURINE * 6-((1-METHYL-4-NITRO-1H-IMIDAZOL-5-YL)THIO)-1H-PURINE * NCI-C03474 * NSC 39084 * 1H-PURINE, 6-((1-METHYL-4-NITRO-1H-IMIDAZOL-5-YL)THIO)- * RORASUL
MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/L RCOCB8 16,523,77
mmo-sat 300 umol/L EXPEAM 40,370,84
mmo-klp 100 umol/L MUREAV 66,207,79
mmo-nsc 1200 mg/L MUREAV 28,87,75
mnt-hmn-unk 11 mg/kg/8D DMBUAE 23,152,76
dni-hmn:leu 500 mg/L ARZNAD 21,504,71
oms-hmn:bmr 1 mg/L ARZNAD 21,502,71
cyt-wmn-unk 15 mg/kg/7W AMSVAZ 182,445,67
cyt-man-unk 140/mg/kg/14W IJCNAW 5,147,70
cyt-hmn-unk 1074 mg/kg/4Y MUREAV 94,501,82
cyt-wmn-unk 59 mg/kg AMSVAZ 179,249,66
cyt-hmn:leu 6 mg/L ZGASAX 9,47,71
cyt-hmn:lym 83 umol/L HUMAA7 21,153,74
cyt-hmn-unk 17143 ug/kg/8D IJCNAW 5,147,70
cyt-hmn-unk 11 mg/kg/8D DMBUAE 23,152,76
sce-hmn:lym 100 ng/L MUREAV 53,215,78
mnt-rat-ipr 100 mg/kg/24H EXPEAM 34,324,78
dni-rat-par 40 ug/kg BEXBAN 78,1320,74
mnt-mus-ipr 50 mg/kg/24H MUREAV 68,153,79
dlt-mus-orl 50 mg/kg/2D MUREAV 28,87,75
hmo-mus/nsc 25 mg/kg MUREAV 28,87,75
spm-mus-ipr 500 mg/kg/5D PNASA6 72,4425,75
spm-mus-orl 50 mg/kg/2D MUREAV 28,87,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T27 orl-rat TDLo:15 mg/kg (6-8D preg) CRSBAW 158,1984,64
3T34T35T46 orl-rat TDLo:60 mg/kg (10-15D preg) OYYAA2 2,401,68
1T76 orl-rat TDLo:120 mg/kg (10-15D preg) OYYAA2 2,401,68
1T81 orl-rat TDLo:240 mg/kg (10-15D preg) OYYAA2 2,401,68
1T25 ipr-rat TDLo:10 mg/kg (7D preg) JRPFA4 4,291,62
1T35 ipr-rat TDLo:20 mg/kg (10-11D preg) ZVRAAX 22,38,75
1T46 ipr-rat TDLo:40 mg/kg (10-11D preg) ZVRAAX 22,38,75
3T25T31T34 ipr-rat TDLo:14 mg/kg (5-18D preg) AJOGAH 128,668,77
2T25T26 unk-rat TDLo:15 mg/kg (6-8D preg) UMCAAA 97,283,68
1T46 orl-mus TDLo:50 mg/kg (10D preg) NSAPCC 298,93,77
3T34T46T76 orl-mus TDLo:60 mg/kg (8-13D preg) OYYAA2 2,401,68
1T81 orl-mus TDLo:60 mg/kg (8-13D preg) OYYAA2 2,401,68
3T34T35T43 orl-mus TDLo:50 mg/kg (10D preg) NSAPCC 298,93,77
1T27 orl-mus TDLo:70 mg/kg (6-12D preg) CRSBAW 158,1984,64
3T42T46T48 ipr-mus TDLo:20 mg/kg (9-10D preg) AJOGAH 97,387,67
2T25T34 ipr-mus TDLo:12 mg/kg (6-8D preg) AJOGAH 97,387,67
1T35 ipr-mus TDLo:30 mg/kg (6-8D preg) AJOGAH 97,387,67
1T43 ipr-mus TDLo:40 mg/kg (9-10D preg) AJOGAH 97,387,67
3T35T43T46 scu-mus TDLo:30 mg/kg (10D preg) ZVRAAX 22,38,75
1T34 scu-mus TDLo:50 mg/kg (10D preg) NSAPCC 298,93,77
1T26 unk-mus TDLo:30 mg/kg (8-10D preg) UMCAAA 97,283,68
1T25 unk-mus TDLo:70 mg/kg (6-12D preg) UMCAAA 97,283,68
3T42T43T46 orl-rbt TDLo:45 mg/kg (6-14D preg) COREAF 259,3648,64
1T42 orl-rbt TDLo:30 mg/kg (8-10D preg) CRSBAW 160,501,66
1T26 orl-rbt TDLo:90 mg/kg (6-14D preg) CRSBAW 159,2290,65
1T35 orl-rbt TDLo:45 mg/kg (8-10D preg) ZVRAAX 22,38,75
1T35 ipr-rbt TDLo:4 mg/kg (7-10D preg) ZVRAAX 22,38,75
1T46 ipr-rbt TDLo:20 mg/kg (7-10D preg) ZVRAAX 22,38,75
1T29 ivn-rbt TDLo:25 mg/kg (1D pre) FESTAS 38,238,82
2T26T46 unk-rbt TDLo:45 mg/kg (8-10D preg) UMCAAA 97,283,68
TUMORIGENIC DATA AND REFERENCES:
2V01P62 orl-wmn TDLo:273 mg/kg/13W-C BMJOAE 4,235,72
3V03N60R60 ipr-rat TDLo:360 mg/kg/7W-I CANCAR 40(Suppl 4),1935,77
3V03J60P62 ipr-mus TDLo:585 mg/kg/26W-I CANCAR 40(Suppl 4),1935,77
3V01P62R60 scu-mus TDLo:1200 mg/kg/30W-I ARZNAD 29,662,79
3V01M61N62 ims-mus TDLo:3500 mg/kg/26W-I BLOOAW 31,396,68
2V01V10 scu-mus TD :2600 mg/kg/65W-I ARZNAD 29,483,79
3V01D45P62 orl-rat TD :11 gm/kg/W-C PAACA3 24,91,83
2V01P61 orl-wmn TD :5460 mg/kg/6Y-I AMSVAZ 207,315,80
2V01P61 orl-man TD :728 mg/kg/43W-C AJMSA9 273,335,77
2V01P61 orl-man TD :1565 mg/kg/4Y-C AJMEAZ 57,885,74
2V01P61 orl-wmn TD :3266 mg/kg/3Y-C AJMEAZ 57,885,74
TOXICITY DATA AND REFERENCES:
2P05P26 unk-chd TDLo:2500 ug/kg/D-I AJDCAI 134,377,80
* orl-rat LD50:535 mg/kg NIIRDN 6,3,82
* ipr-rat LD50:300 mg/kg JRPFA4 4,297,62
idu-rat LD50:630 mg/kg RPTOAN 31,223,68
* orl-mus LD50:1389 mg/kg NIIRDN 6,3,82
ipr-mus LD50:273 mg/kg RPTOAN 34,284,71
1S04 scu-mus LD50:350 mg/kg JMCMAR 18,320,75
idu-mus LD50:2437 mg/kg RPTOAN 31,223,68
idu-rbt LDLo:100 mg/kg RPTOAN 31,223,68
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75; ADVPA3 4,263,66; CRTXB2 2,159,73; BLFSBY 24,129,83
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 26,47,81
★ CARCINOGENIC REVIEW:HUMAN POSITIVE IARC** 26,47,81
STATUS:
★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (CANCAR 40(Suppl 4),1935,77)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1H-PURINE, 6-((1-METHYL-4-NITRO-1H-IMIDAZOL-5-YL)THIO)- see: UO8925000

UO8925200 PURINE, 6-((1-METHYL-4-NITROIMIDAZOL-5-YL)THIO)-, and 17,21-DIHYDROXYPREGNA-1,4-DIENE- 3,11,20-TRIONE
UPDT:8401 MW: 594.78 MOLFM: C8-H6-N7-O2-S C21-H30-O3

SYN: AZATHIOPRINE and PREDNISONE * PREDNISONE and AZATHIOPRINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T74T75T77	unk-wmn TDLo:472 mg/kg (1-30W preg)	AJOGAH 111,1120,71
2T48T49	unk-wmn TDLo:472 mg/kg (1-30W preg)	AJOGAH 111,1120,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

9H-PURINE, 6-(METHYLTHIO)-9-(5-O-PHOSPHONO-beta-D-RIBOFURANOSYL)- (9CI) see: UO8990000

UO8985000 9H-PURINE, 6-(METHYLTHIO)-9-beta-D-RIBOFURANOSYL-

UPDT:8412 CAS: 342-69-8 MW: 298.35 MOLFM: C11-H14-N4-O4-S

SYN: 6-METHYLMERCAPTOPURINE RIBONUCLEOSIDE * 6-METHYLMERCAPTOPURINE RIBOSIDE * METHYLTHIOINOSINE * 6-METHYLTHIOINOSINE * 6-METHYLTHIOPURINE RIBOSIDE * NCI-C04784 * NSC 40774 * SQ 21977

MUTATION DATA AND REFERENCES:

	dni-mus:lym 2 umol/L	CNREAB 44,2272,84
	oms-mus:lym 3 umol/L	CNREAB 43,1587,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	ipr-rat TDLo:65 mg/kg (11D preg)	ARPAAQ 86,395,68

TUMORIGENIC DATA AND REFERENCES:

3V03J60N60	ipr-rat TDLo:44 mg/kg/7W-I	CANCAR 40(Suppl 4),1935,77
3V03J60N61	ipr-mus TDLo:780 mg/kg/26W-I	CANCAR 40(Suppl 4),1935,77

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:65 mg/kg	ARPAAQ 86,395,68
*	unk-mus LD10:20 mg/kg	PMDCAY 7,69,70

STATUS:

★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS INDEFINITE:MOUSE (CANCAR 40(Suppl 4),1935,77)

★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS NEGATIVE:RAT (CANCAR 40(Suppl 4),1935,77)

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UO8990000 9H-PURINE, 6-(METHYLTHIO)-9-beta-D-RIBOFURANOSYL-, 5'-(DIHYDROGEN PHOSPHATE)

UPDT:8312 CAS: 7021-52-5 MW: 378.33 MOLFM: C11-H15-N4-O7-P-S

SYN: 6-METHYLTHIOPURINE RIBONUCLEOSIDE * 6-(METHYLTHIO)-9-beta-D-RIBOFURANOSYL-9H-PURINE 5'-(DIHYDROGEN PHOSPHATE) * 9H-PURINE, 6-(METHYLTHIO)-9-(5-O-PHOSPHONO-beta-D-RIBOFURANOSYL)- (9CI)

MUTATION DATA AND REFERENCES:

	oms-hmn:oth 10 mg/L	CNREAB 32,2661,72

UO9025000 9H-PURINE, 6-(((4-NITROPHENYL)METHYL)THIO)-9-beta-D-RIBOFURANOSYL-

UPDT:8308 MW: 419.45 MOLFM: C17-H17-N5-O6-S

SYN: NITROBENZYLTHIOINOSINE * 6-(p-NITROBENZYLTHIO)INOSINE * 6-(((4-NITROPHENYL)METHYL)THIO)-9-beta-D-RIBOFURANOSYL-9H-PURINE

MUTATION DATA AND REFERENCES:

	dni-rat:lvr 4200 nmol/L	CNREAB 43,1616,83
	oms-rat:lvr 8 umol/L	CNREAB 43,1616,83

UO9052000 PURINE-3-OXIDE

UPDT:8401 MW: 136.13 MOLFM: C5-H4-N4-O

TUMORIGENIC DATA AND REFERENCES:

3V01L60V10	scu-rat TDLo:1800 mg/kg/8W-I	CNREAB 38,2229,78
2V03V10	scu-rat TD :18 mg/kg/8W-I	PAACA3 17,147,76
3V03V10L60	scu-rat TD :180 mg/kg/8W-I	PAACA3 17,147,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UO9053000 PURINE, 6-(PENTYLTHIO)-

UPDT:8305 MW: 222.34 MOLFM: C10-H14-N4-S

SYN: 6-AMYLMERCAPTOPURINE * 6-AMYL-MP * 6-(PENTYLTHIO)PURINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	ipr-rat TDLo:200 mg/kg (7D preg)	JRPFA4 4,291,62

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1H-PURINE, 6-((PHENYLMETHYL)THIO)- (9CI) see: UO7512000

UO9082000 PURINE, 6-(PROPYLTHIO)-

UPDT:8305 CAS: 6288-93-3 MW: 194.28 MOLFM: C8-H10-N4-S

SYN: 6-PROPYLMERCAPTOPURINE * 6-PROPYL-MP * 6-(PROPYLTHIO)PURINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-rat TDLo:100 mg/kg (7D preg)	JRPFA4 4,291,62
1T25	ipr-rat TDLo:100 mg/kg (7-8D preg)	JRPFA4 4,291,62

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UO9100000 9H-PURINE, 9-beta-D-RIBOFURANOSYL-

UPDT:8403 CAS: 550-33-4 MW: 252.26 MOLFM: C10-H12-N4-O4

SYN: NEBULARIN(E) * NEBULARINE * PURINE RIBONUCLEOSIDE * 9-PURINE RIBONUCLEOSIDE * PURINE RIBOSIDE * PURINE, RIBOSYL- * 9-(beta-D-RIBOFURANOSYL)PURINE * 9-beta-D-RIBOFURANOSYL-9H-PURINE * RIBOSYLPURINE

TOXICITY DATA AND REFERENCES:

	scu-rat LD50:220 mg/kg	FEPRA7 14,391,55
*	scu-mus LD50:200 mg/kg	85GDA2 5,289,81
*	ivn-mus LD50:50 mg/kg	85GDA2 5,289,81
	scu-gpg LD50:15 mg/kg	FEPRA7 14,391,55

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

PURINE RIBONUCLEOSIDE see: UO9100000

9-PURINE RIBONUCLEOSIDE see: UO9100000

PURINE RIBOSIDE see: UO9100000

PURINE, RIBOSYL- see: UO9100000

UO9800000 PURINE-6-THIOL

UPDT:8412 CAS: 50-44-2 MW: 152.19 MOLFM: C5-H4-N4-S

SYN: HYPOXANTHINE, THIO- * LEUKERAN * LEUKERIN * MERCALEUKIM * MERCAPTOPURINE * 6-MERCAPTOPURINE * 7-MERCAPTO-1,3,4,6-TETRAZAINDENE * MP * 6 MP * NCI-C04886 * NSC 755 * PURIMETHOL * PURINE, 6-MERCAPTO- * 6-PURINETHIOL * PURI-NETHOL * U-4748

MUTATION DATA AND REFERENCES:

	mmo-sat 30 ug/plate	CNREAB 37,2209,77
	mmo-sat 150 umol/L	EXPEAM 40,370,84
	mmo-esc 3 gm/L/3H	CRSUBM 3,69,55
	dnr-esc 500 ug/well/16H	CBINA8 15,219,76
	oms-bcs 10 umol/L	CNREAB 40,4381,80
	dni-hmn:hla 10 umol/L	BBACAQ 366,333,74
	dni-hmn:leu 50 mg/L	ARZNAD 21,504,71
	oms-hmn:lym 10 nmol/L	CNREAB 43,3655,83
	oms-hmn:bmr 1 mg/L	ARZNAD 21,502,71
	oms-hmn:oth 10 mg/L	CNREAB 32,2661,72
	cyt-hmn-unk 24 mg/kg/8W-I	HUHEAS 29,100,79
	cyt-hmn:leu 50 mg/L	ARZNAD 21,504,71
	sce-hmn:lym 10 pmol/L	NGCJAK 15,1085,80
	cyt-rat-ipr 25 mg/kg	PSDTAP 15,275,74
	mnt-mus-ipr 50 mg/kg	MUREAV 127,129,84
	dni-mus-orl 1 gm/kg	MUREAV 46,305,77
	dni-mus:oth 10 mg/L	CNREAB 37,2998,77
	oms-mus:lym 100 umol/L	CNREAB 34,733,74
	cyt-mus-ipr 125 ug/kg	ARZNAD 23,230,73
	dlt-mus-ipr 100 mg/kg/14D-I	ARZNAD 23,230,78
	dlt-mus-orl 350 mg/kg/7D-C	NEOLA4 28,739,81
	dlt-mus-scu 700 mg/kg/14D-C	NEOLA4 28,739,81
	cyt-ham-ipr 250 mg/kg	NKRZAZ 29(Suppl 4),932,81
	hma-mus/sat 10 mg/kg	MUREAV 21,231,73
	mnt-ham-ipr 50 mg/kg/24H	MUREAV 40,325,76
	cyt-ham-ipr 50 mg/kg	PSDTAP 15,275,74
	cyt-ham:fbr 10 nmol/L	MUREAV 29,241,81
	cyt-ham:lng 1 mg/L	GMCRDC 27,95,81
	msc-ham:fbr 10 mg/L/24H	MUREAV 40,325,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	orl-rat TDLo:60 mg/kg (13D preg)	CYGEDX 8(6),44,74
1T25	orl-rat TDLo:10 mg/kg (7-8D preg)	ANYAA9 60,220,54
1T34	orl-rat TDLo:15 mg/kg (7-9D preg)	ANYAA9 60,220,54
2T41T85	ipr-rat TDLo:30 mg/kg (9D preg)	BEXBAN 76,1289,73
1T31	ipr-rat TDLo:15 mg/kg (12D preg)	PSEBAA 116,685,64
3T43T46T53	ipr-rat TDLo:52500 ug/kg (11D preg)	ARPAAQ 86,395,68
2T25T35	ipr-rat TDLo:5 mg/kg (9D preg)	JPETAB 144,429,64
2T35T55	scu-rat TDLo:1500 ug/kg (7-9D preg)	COREAF 247,152,58
1T27	scu-rat TDLo:2250 ug/kg (7-9D preg)	COREAF 247,152,58
1T46	scu-rat TDLo:5 mg/kg (10-14D preg)	CRSBAW 160,501,66
1T43	scu-rat TDLo:40 mg/kg (11D preg)	ZVRAAX 22,38,75
3T26T27T41	par-rat TDLo:1500 ug/kg (7-9D preg)	CRSBAW 161,762,67
1T42	par-rat TDLo:1500 ug/kg (7-9D preg)	CRSBAW 161,762,67
1T46	par-rat TDLo:50 mg/kg (13D preg)	CRSBAW 161,762,67
3T27T26T46	unk-rat TDLo:3500 ug/kg (6-12D preg)	UMCAAA 97,283,68
2T25T34	ipr-mus TDLo:30 mg/kg (11D preg)	ARZNAD 33,915,83
3T35T43T46	scu-mus TDLo:30 mg/kg (10D preg)	ZVRAAX 22,38,75
2T53T91	scu-mus TDLo:31500 ug/kg (3D pre/1-18D preg)	BIREBV 22,367,80
1T26	scu-mus TDLo:63 mg/kg (3D pre/1-18D preg)	BIREBV 22,367,80
1T35	scu-mus TDLo:31500 ug/kg (MGN)	BIREBV 22,367,80
2T26T27	par-mus TDLo:1500 ug/kg (6-8D preg)	CRSBAW 161,762,67
1T43	par-mus TDLo:50 mg/kg (12D preg)	CRSBAW 161,762,67
1T46	par-mus TDLo:60 mg/kg (11D preg)	CRSBAW 161,762,67
2T26T27	unk-mus TDLo:1500 ug/kg (6-8D preg)	UMCAAA 97,283,68
1T46	unk-mus TDLo:50 mg/kg (12D preg)	UMCAAA 97,283,68
3T26T27T41	scu-rbt TDLo:4 mg/kg (6-9D preg)	CRSBAW 160,501,66
2T43T46	scu-rbt TDLo:5 mg/kg (12-16D preg)	ZVRAAX 22,38,75
1T35	scu-rbt TDLo:4 mg/kg (7-10D preg)	ZVRAAX 22,38,75
1T29	ivn-rbt TDLo:50 mg/kg (1D pre)	FESTAS 38,238,82
3T26T27T41	par-rbt TDLo:3 mg/kg (6-8D preg)	CRSBAW 161,762,67
1T43	par-rbt TDLo:3 mg/kg (6-8D preg)	CRSBAW 161,762,67
1T46	par-rbt TDLo:4 mg/kg (11-14D preg)	CRSBAW 161,762,67
3T26T27T46	unk-rbt TDLo:3 mg/kg (6-8D preg)	UMCAAA 97,283,68
2T34T46	ipr-ham TDLo:16 mg/kg (8D preg)	CJPPA3 57,53,79
1T25	ipr-ham TDLo:16 mg/kg (7D preg)	CJPPA3 57,53,79
2T43T50	ipr-ham TDLo:32 mg/kg (8D preg)	CJPPA3 57,53,79
1T55	ipr-ham TDLo:48 mg/kg (10D preg)	CJPPA3 57,53,79

TUMORIGENIC DATA AND REFERENCES:

2V02P62	orl-wmn TDLo:360 mg/kg/34W-C	AJGAAR 78,316,83
3V03N60R60	ipr-rat TDLo:500 mg/kg/7W-I	CANCAR 40(Suppl 4),1935,77
3V03P61P62	ipr-mus TDLo:1170 mg/kg/26W-I	CANCAR 40(Suppl 4),1935,77
2V01P61	orl-chd TD :675 mg/kg/39W-C	JOPDAB 72,409,68

TOXICITY DATA AND REFERENCES:

1P26	unk-man TDLo:27 mg/kg	CNCRA6 50,219,66
*	ipr-rat LD50:200 mg/kg	JRPFA4 4,291,62
	ivn-rat LD50:250 mg/kg	ARZNAD 20,1467,70
	par-rat LD50:250 mg/kg	RRCRBU 52,76,75
	unk-rat LD10:51 mg/kg	CNCRA6 50,219,66
	orl-mus LD50:280 mg/kg	RPTOAN 42,79,79
*	ipr-mus LD50:80 mg/kg	CNREAB 42,122,82
1S04	scu-mus LD50:100 mg/kg	JMCMAR 18,320,75
*	ivn-mus LD50:80 mg/kg	CNREAB 42,122,82
	unk-mus LD10:62 mg/kg	CNCRA6 50,219,66
	ipr-ham LD50:364 mg/kg	ARTODN 32,1,74

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: MIMDAL 57(1),19,74; JAMAAP 172,1765,60; 32XPAD -,49,75; CLPTAT 5,480,64; JPETAB 144,429,64; ARVPAX 5,447,65; ADVPA3 4,263,66; CRTXB2 2,159,73

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 26,249,81

★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 26,249,81

STATUS:

★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS INDEFINITE:MOUSE,RAT (CANCAR 40(Suppl 4),1935,77)

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

6-PURINETHIOL see: UO9800000

UP0150000 PURINE-2-THIOL, 6-AMINO-

UPDT:8305 CAS: 2847-48-1 MW: 167.21 MOLFM: C5-H5-N5-S

SYN: 6-AMINOPURINE-2-THIOL * 2-MERCAPTOADENINE * 2H-PURINE-2-THIONE, 6-AMINO-1,3-DIHYDRO- * 2-THIOADENINE

MUTATION DATA AND REFERENCES:

	mmo-esc 250 mg/L	JGMIAN 18,543,58

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UP0175000 9H-PURINE-6-THIOL, 2-AMINO-9-(2-DEOXY-beta-D-erythro-PENTOFURANOSYL)-, MONOHYDRATE

UPDT:8401 CAS: 64039-27-6 MW: 301.36 MOLFM: C10-H13-N5-O3-S.H2-O

SYN: beta-DEOXYTHIOGUANOSINE * beta-2'-DEOXY-6-THIOGUANOSINE MONOHYDRATE * NSC-71261 * beta-TGDR * beta-THIOGUANINE DEOXYRIBOSIDE

TUMORIGENIC DATA AND REFERENCES:

2V01D45	ipr-rat TDLo:1092 mg/kg/1Y-I	NCITR* NCI-CG-TR-57,78
2V02J60	ipr-mus TDLo:70 mg/kg/8W-I	CNREAB 33,3069,73

TOXICITY DATA AND REFERENCES:

	ivn-dog LDLo:142 mg/kg	CCYPBY 4,41,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UP0400000 PURINE-6-THIOL, MONOHYDRATE

UPDT:8310 CAS: 6112-76-1 MW: 170.21 MOLFM: C5-H4-N4-S.H2-O

SYN: 6-MERCAPTOPURINE MONOHYDRATE * 6H-PURINE-6-THIONE, 1,7-DIHYDRO-, MONOHYDRATE (9CI)

MUTATION DATA AND REFERENCES:

	dlt-mus-ipr 500 mg/kg/40D-I	DCTODJ 6,83,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	ipr-mus TDLo:500 mg/kg (40D male)	DCTODJ 6,83,83

1T23 ipr-mus TDLo:250 mg/kg (5D male) DCTODJ 6,83,83
3T26T25T35 ipr-ham TDLo:4 mg/kg (6-9D preg) TOXID9 1,27,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UP0530000 PURINE-6-THIOL, 3-OXIDE, MONOHYDRATE
UPDT:8401 MW: 130.17 MOLFM: C5-H4-O-S H2-O
SYN: 6-MERCAPTOPURINE 3-N-OXIDE MONOHYDRATE * 3-N-OXIDE PURIN-6-THIOL MONOHYDRATE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:6500 mg/kg/26W-I CNREAB 27,925,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UP0700000 9H-PURINE-6-THIOL, 9-RIBOFURANOSYL-
UPDT:8411 CAS: 4988-64-1 MW: 284.32 MOLFM: C10-H12-N4-O4-S
SYN: MERCAPTOPURINE RIBONUCLEOSIDE * MERCAPTOPURINE RIBOSIDE * 6-MERCAPTOPURINE RIBOSIDE * 6MPR * NSC 4911 * RIBOFURANOSIDE, 9H-PURINE-6-THIOL-9
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T43T46T53 ipr-rat TDLo:62500 ug/kg (11D preg) ARPAAQ 86,395,68
1T35 ipr-rat TDLo:62500 ug/kg (11D preg) ARPAAQ 86,395,68
2T34T35 scu-mus TDLo:30 mg/kg (10D preg) NSAPCC 298,93,77
2T43T46 scu-mus TDLo:15 mg/kg (10D preg) NSAPCC 298,93,77
2T46T59 ivn-mus TDLo:15 mg/kg (10D preg) TJADAB 15,137,77
TOXICITY DATA AND REFERENCES:
• orl-rat LD50:900 mg/kg NIIRDN 6,853,82
• ipr-rat LD50:1240 mg/kg NIIRDN 6,853,82
• scu-rat LD50:1180 mg/kg NIIRDN 6,853,82
• orl-mus LD50:5 gm/kg OYYAA2 6,1275,72
1V30 ipr-mus LD50:490 mg/kg CPBTAL 16,2080,68
• scu-mus LD50:1840 mg/kg NIIRDN 6,853,82
• unk-mus LD10:250 mg/kg PMDCAY 7,69,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UP0740000 PURINE-6(1H)-THIONE, 2-AMINO
UPDT:8408 CAS: 154-42-7 MW: 167.21 MOLFM: C5-H5-N5-S
SYN: 2-AMINOPURINE-6-THIOL * 2-AMINOPURINE-6(1H)-THIONE * GUANINE, THIO- * 6-MERCAPTOGUANINE * NSC-752 * TABLOID * TG * ThG * THIOGUANINE * 6-THIOGUANINE * TIOGUANINE
IRRITATION DATA AND REFERENCES:
skn-hmn 29 mg/3W CTRRDO 63,619,79
MUTATION DATA AND REFERENCES:
sce-nml:oth 200 nmol/L PAACA3 24,265,83
oms-hmn:lym 1 umol/L BJCAAI 25,106,71
cyt-hmn:fbr 73 mg/L MUREAV 4,353,67
dni-mus:leu 1 umol/L AEZRA2 20,351,82
oms-mus:leu 1 umol/L AEZRA2 20,351,82
dnd-ham:ovr 50 ug/L PAACA3 24,295,83
oms-ham:ovr 50 ug/L PAACA3 24,295,83
cyt-ham:lng 50 ug/L MUREAV 139,149,84
cyt-ham:fbr 2 mg/L BEXBAN 77,321,74
sce-ham:lng 15 ug/L MUREAV 139,149,84
msc-ham:lng 10 mg/L MUREAV 80,165,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T31 ipr-rat TDLo:25 mg/kg (12D preg) PSEBAA 116,685,64
1T25 ipr-rat TDLo:10 mg/kg (7D preg) JRPFA4 4,291,62
TOXICITY DATA AND REFERENCES:
• ipr-rat LD50:300 mg/kg JRPFA4 4,291,62
3K30P01U01 orl-mus LD50:160 mg/kg EKFMA7 9,56,80
3K30P01U01 ipr-mus LD50:54 mg/kg EKFMA7 9,56,80
1P26 unk-mus LD10:1600 mg/kg PMDCAY 7,69,70
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UP0750000 9H-PURINE-6(1H)-THIONE, 2-AMINO-9-(2-DEOXY-beta-D-erythro-PENTOFURANOSYL)-
UPDT:8412 CAS: 789-61-7 MW: 283.34 MOLFM: C10-H13-N5-O3-S
SYN: B-TGDR * beta-2'-DEOXYTHIOGUANOSINE * GUANOSINE, 2'-DEOXY-6-THIO- (9CI) * NCI-C01581 * TGdR * beta-TGDR * THIOGUANINE DEOXYRIBOSIDE * beta-THIOGUANINE DEOXYRIBOSIDE
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NCITR* NCI-CG-TR-57,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-57,78)

2H-PURINE-2-THIONE, 6-AMINO-1,3-DIHYDRO- see: UP0150000

UP0760000 9H-PURINE-6-THIONE, 2-AMINO-1-METHYL-
UPDT:8408 CAS: 16714-57-1 MW: 181.24 MOLFM: C6-H7-N5-S
SYN: 2-AMINO-1-METHYL-9H-PURINE-6-THIONE
TOXICITY DATA AND REFERENCES:
unk-mus LDLo:50 mg/kg JMPCAS 5,996,62

6H-PURINE-6-THIONE, 1,7-DIHYDRO-, MONOHYDRATE (9CI) see: UP0400000

UP0766000 9H-PURINE-6(1H)-THIONE, 9-beta-D-RIBOFURANOSYL-, 5'-TETRAHYDROGEN TRIPHOSPHATE
UPDT:8311 MW: 524.26 MOLFM: C10-H15-N4-O13-P3-S
SYN: 6-MERCAPTOPURINE RIBONUCLEOSIDE TRIPHOSPHATE * 9-beta-D-RIBOFURANOSYL-9H-PURINE-6(1H)-THIONE 5'-TETRAHYDROGEN TRIPHOSPHATE
MUTATION DATA AND REFERENCES:
oms-hmn:lym 500 umol/L CNREAB 43,3655,83

PURI-NETHOL see: UO9800000
6H-PURIN-6-ONE, 2-AMINO-1,9-DIHYDRO-9-((2-HYDROXYETHOXY)-METHYL)- see: UO7504000
6H-PURIN-6-ONE, 2-AMINO-1,9-DIHYDRO-9-((2-HYDROXY-1-(HYDROXYMETHYL)ETHOXY)METHYL)-(9CI) see: MF8407000
6H-PURIN-6-ONE, 2-AMINO-1,7-DIHYDRO-7-METHYL- (9CI) see: MF8464000

UP0800000 PURIN-2(3H)-ONE, 3-HYDROXY-
UPDT:8401 MW: 96.09 MOLFM: C5-H4-O2
SYN: 3-HYDROXY-2-OXOPURINE * 3-HYDROXYPURIN-2(3H)-ONE
TUMORIGENIC DATA AND REFERENCES:
3V03L60V10 scu-rat TDLo:96 mg/kg/8W-I CBINAB 25,369,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PURIVEL see: YS5775000
PUROCYCLINA see: QI8750000
PURODIGIN see: IH2275000
PUROMYCIN CHLOROHYDRATE see: AU7355000
PUROMYCIN see: AU7350000

UP1143000 PUROMYCIN, AMINONUCLEOSIDE
UPDT:8407
MUTATION DATA AND REFERENCES:
dni-mus-ipr 83 mg/kg JCLBA3 30,13,66
oms-mus-ipr 83 mg/kg JCLBA3 30,13,66

PUROMYCIN DIHYDROCHLORIDE see: AU7352000
PUROMYCIN HYDROCHLORIDE see: AU7352000
PUROMYCIN HYDROCHLORIDE see: AU7355000
PUROPHYLLIN see: XH5907500
PUROSIN-TC see: UK6650000
PUROSTROPHAN see: RN3675000

UP1226000 PUROTHIONIN
UPDT:8310 CAS: 9009-72-7
TOXICITY DATA AND REFERENCES:
• ipr-mus LD50:15 mg/kg 85GDA2 8(1),108,82

PUROVERINE see: FL5750100
4R PURPLE see: QK2705000
PURPLE LAKE see: GE4518000
PURPLE MINT PLANT EXTRACT see: SA8935000
PURPLE 4R see: QK2705000
PURPLE RED see: QJ6530000
PURPLE SX see: QJ6530000
PURPUREA B see: FH5083000
PURPUREA GLYCOSIDE A see: FH5085000
PURPUREA GLYCOSIDE B see: FH5083000
PURPURID see: IH2275000
PURPURIN 4B see: QK1765000
PURPURINE 4B see: QK1765000
PURPUROCATECHOL see: GU4075000
PURPUROGALLIN see: DE8380000
PURSERPINE see: ZG0350000
PURTALC USP see: WW2710000
PUTCHUK see: GN1775000
PUTRESCIN see: EJ6800000
PUTRESCINE see: EJ6800000
PUTRESCINE DIHYDROCHLORIDE see: EJ7280000
PUTRESCINE HYDROCHLORIDE see: EJ7280000

UP1840000 PV-123
UPDT:8408 CAS: 79485-03-3
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 ivn-rat TDLo:35 gm/kg (35D male) IYKEDH 15,172,84
TOXICITY DATA AND REFERENCES:
3G30L30P27 ivn-rat LD50:35 gm/kg YACHDS 9,1897,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PVA see: TU3687000
PVA see: TR8100000
PVA 008 see: TR8100000
PVAE see: AK0920000
PVBR see: KU8800000
PVC see: KV0350000
P.V. CARBACHOL see: GA0875000
PVC CORDO see: AK0950000
P. VIRIDICATUM TOXIN see: XW5868700
PVK see: XH9275000
PVKHL 4 see: KV0350000
PVKHS 60 see: KV0350000
PVKH-S 63ZH see: KV0350000
PVP see: TR8370000
PVP 1 see: TR8160000
PVP 2 see: TR8170000
PVP 3 see: TR8180000
PVP 4 see: TR8250000
PVP 5 see: TR8300000
PVP 6 see: TR8350000
PVP 7 see: TR8360000
PVP 40 see: TR8370000
PVP-K 30 see: TR8370000
PVP-K 60 see: TR8370000
PVP-K 90 see: TR8370000
PVPO see: UT2990000
PVPP see: TR8370000
PVP 8T see: TQ3325000
PVS 4 see: TR8100000
PW-16 see: UV1150650
PWE of H. INFLUENZAE see: JZ2674400
PX 104 see: TI0875000
PX-138 see: TI1925000
PX-238 see: AU9700000
PX 404 see: VS1150000
PX 438 see: VS1000000
PX-806 see: LH8024000
PXC 3391 see: UD1842000
PXC 8639 see: UD1842000
PXO see: SP6800000
PY 100 see: TQ3325000
PY2763 see: WL6475000
PYBUTHRIN see: XS8050000
PYCARIL see: QT0850000
PYCAZIDE see: NS1750000

UP2625000 PYCNANTHEMUM ALBESCENS OIL
DEF:Composed of terpenes, exact composition unknown (JPMSAE 54,1071,65)
UPDT:8409
SYN: P. ALBESCENS OIL
TOXICITY DATA AND REFERENCES:
3F12F19F23 orl-rat LD50:3147 mg/kg JPMSAE 54,1071,65
ipr-rat LD50:1383 mg/kg JPMSAE 54,1071,65

PYDIRONE see: PB1300000
PYDRIN see: CY1576350
PYDRIN, alpha-CYANO-3-PHENOXYBENZYL-2-(4-CHLOROPHENYL)ISOVALERATE see: CY1576350
PYDT see: XY0495000
PYELOKON-FR see: DG0888000
PYELOSIL see: UR8750000

UP2820000 PYGEUM ACUMINATUM Coleb., stem bark extract
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
3J30M10U26 ipr-mus LD50:125 mg/kg IJEBA6 12,512,74

PY 61H see: XI3850000
PYKARYL see: QT0850000
PYKNOLEPSINUM see: WN2800000
PYLAPRON see: UB7525000
PYLOSTROPIN see: CK2800000
PYLUMBRIN see: UR8750000
PYMAFED see: UT1225000
PYMAFED see: UT0875000

PYNACOLYL METHYLFLUOROPHOSPHONATE see: TA8750000
PYNAMIN see: GZ1925000
PYNAMIN-FORTE see: GZ1925000
PYNDT see: XY2300000
PYNOSECT see: GZ1310000
PYO 11 see: VC5890000

UP3350000 PYOCIN P1
UPDT:8309 CAS: 60842-79-7
MUTATION DATA AND REFERENCES:
dni-omi 125 ppm ZMMPAO 235,338,76
oms-omi 125 ppm ZMMPAO 235,338,76

PYOKTANIN see: BO9000000
PYOLUTEORIN see: OB1804400
PYOPEN see: ON9105000
PYOPENE see: ON9105000
PYOXANTHOSE see: SG1647000
PYQUITON see: UQ4150000
N-N-PYR see: UY1575000
PYRA see: UT0875000
PYRABENZAMINE see: US3150000
PYRABITAL see: UW5969200
PYRABUTOL see: UQ8225000

UP4080000 PYRACANTHA CRENULATA Roem., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 6,232,68)
UPDT:8302
SYN: GHINGARU EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 6,232,68

PYRACARBOLID see: UP7985000
PYRACETAM see: UX9660500
PYRACETON see: UR8750000
PYRACORT D see: DO7525000
PYRACRYL ORANGE Y see: ST3380000
PYRACRYMYCIN-A see: UY7340000
PYRADEX see: EZ8225000
PYRADEX see: FD3702000
PYRADONE see: CD2625000
PYRALAN see: FA2450000
PYRALCID see: WP0750000
PYRALENE see: TQ1350000
PYRALGIN see: PB1300000
PYRALIN see: QW0970000
PYRAMAL see: UT0875000
PYRA MALEATE see: UT1225000
PYRAMEM see: UX9660500
PYRAMIDON see: CD2625000
PYRAMIDONE see: CD2625000
PYRAMID VIOLET TONER NX see: GE4518000
PYRAMIN see: UR6125000
PYRAMINE see: UR6125000
PYRAMIN RB see: UR6125000
PYRAMON see: UW5969200
PYRAN see: ON4250000
2H-PYRAN-delta(sup 3(6H),alpha)-ACETIC ACID, 2,4-DIHYDROXY-, 3,4-LACTONE see: LV2625000

UP5990000 2H-PYRAN-2-ACETIC ACID, 6-(2-(2-(5-(6-ETHYL-3,6-DIHYDRO-5-METHYL-2H-PYRAN-2-YL)-3-METHYL- 1,4-HEXADIENYL)-3-METHYLCYCLOPROPYL)ETHENYL)TETRAHYDRO-4,5-DIHYDROXY-, (2S-(2-alpha,4-alpha, 5-beta,6-alpha(E(1R*,2R*(1E,3S*,4E,5(2S*,6S*)),3S*))))-
UPDT:8309 CAS: 58857-02-6
SYN: AMBRUTICIN * ANTIBIOTIC ACID S * W 7783
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:315 mg/kg 85GDA2 5,508,81

UP6100000 2H-PYRAN-2-ACETIC ACID, 6-(1-ETHYL-4-(1-ETHYL-2,3,3a,4,5,7a-HEXAHYDRO-4-(1H-PYRROL-2- YLCARBONYL)-1H-INDEN-5-YL)-1,3-BUTADIENYL)TETRAHYDRO-alpha,5-DIMETHYL-, (1S-(1-alpha, 3-alpha,beta,4-beta,5-beta(1E(2S*(S*),5R*,6S*),3E),7a-alpha))-
UPDT:8309 CAS: 66513-28-8
SYN: ANTIBIOTIC X 14547 * ANTIBIOTIC X 14547A * X 14547 * X 14547A
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:129 mg/kg 85GDA2 5,506,81

PYRAN ALDEHYDE see: UP6825000
4H-PYRAN, 2-AMINOMETHYL-2,3-DIHYDRO- see: UP7750000

UP6825000 2H-PYRAN-2-CARBOXALDEHYDE, 3,4-DIHYDRO-
UPDT:8407 CAS: 100-73-2 MW: 112.14 MOLFM: C6-H8-O2
SYN: ACROLEIN DIMER * ACROLEIN DIMER, stabilized (DOT) * 3,4-DIHYDRO-2H-PYRAN-2-CARBOXALDEHYDE * 2-FORMYL-3,4-DIHYDRO-2H-PYRAN * 5-HEXENAL, 2,6-EPOXY- * PYRAN ALDEHYDE * UN 2607 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 7/27/65
eye-rbt 750 ug open SEV AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4920 mg/kg AMIHBC 10,61,54
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

2H-PYRAN-2-CARBOXALDEHYDE, 3,4-DIHYDRO-2,5-DIMETHYL- (8CI) see: UP7875000

UP7000000 2H-PYRAN-6-CARBOXYLIC ACID, 3,4-DIHYDRO-2,2-DIMETHYL-4-OXO-, BUTYL ESTER
UPDT:8307 CAS: 532-34-3 MW: 226.30 MOLFM: C12-H18-O4
SYN: BMOO * BUTOPYRONOXYL * BUTYL 3,4-DIHYDRO-2,2-DIMETHYL-4-OXO-2H-PYRAN-6-CARBOXYLATE * n-BUTYL ESTER of 3,4-DIHYDRO-2,2-DIMETHYL-4-OXO-2H-PYRAN-6-CARBOXYLIC ACID * BUTYL MESITYL OXIDE * n-BUTYL MESITYL OXIDE OXALATE * n-BUTYLMESITYLOXID OXALATE * 2-CARBO-N-BUTOXY-6,6-DIMETHYL-5,6-DIHYDRO-1,4-PYRONE * 3,4-DIHYDRO-2,2-DIMETHYL-4-OXO-2H-PYRAN-6-CARBOXYLIC ACID, n-BUTYL ESTER * DIHYDROPYRONE * alpha,alpha-DIMETHYL-alpha'-CARBOBUTOXY-DIHYDRO-gamma-PYRONE * 2,2-DIMETHYL-6-CARBOBUTOXY-2,3-DIHYDRO-4-PYRONE * ENT 9 * INDALONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:7800 mg/kg ARSIM* 20,13,66
* orl-mus LD50:12250 mg/kg ARSIM* 20,13,66
orl-rbt LD50:5400 mg/kg JPETAB 93,26,48
orl-gpg LD50:3200 mg/kg JPETAB 93,26,48
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PYRAN (COPOLYMER) see: ON4250000

UP7525000 PYRAN-3,4-DICARBOXYLIC ANHYDRIDE, TETRAHYDRO-2-METHYL-6-(TETRAHYDRO-2,5-DIOXO-3-FURYL)-, POLYMER
UPDT:8307 CAS: 26427-28-1
SYN: NSC-46015
MUTATION DATA AND REFERENCES:
dns-mus:lvr 2 gm/L CNREA8 38,1610,78
dni-mus:lvr 3 gm/L CNREA8 38,1610,78
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1000 mg/kg NCIAL* -,38,64
ivn-rat LD50:121 mg/kg NCIAL* -,38,64
ivn-mus LD50:106 mg/kg NCIAL* -,38,64

UP7600000 PYRAN, DIHYDRO-
UPDT:8312
SYN: DIHYDROPYRAN (DOT) * UN 2376 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

UP7700000 2H-PYRAN, 3,4-DIHYDRO-
UPDT:8312 CAS: 110-87-2 MW: 84.13 MOLFM: C5-H8-O
SYN: DIHYDROPYRAN * DIHYDROPYRAN (DOT) * delta(sup 2)-DIHYDROPYRAN * 3,4-DIHYDROPYRAN * 2H-3,4-DIHYDROPYRAN
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:256 mg/kg CBCCT* 2,135,50
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UP7710000 4H-PYRAN, 2,3-DIHYDRO-
UPDT:8312 MW: 84.13 MOLFM: C5-H8-O
SYN: 2,3-DIHYDROPYRAN (DOT) * UN 2376 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

UP7750000 2H-PYRAN, 3,4-DIHYDRO-2-AMINOMETHYL-
UPDT:8307 CAS: 4781-76-4 MW: 113.18 MOLFM: C6-H11-N-O
SYN: 2-AMINOMETHYL-2,3-DIHYDRO-4H-PYRAN * 2-AMINOMETHYL-3,4-DIHYDRO-2H-PYRAN * 4H-PYRAN, 2-AMINOMETHYL-2,3-DIHYDRO-
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1000 mg/kg AIHAAP 30,470,69
ihl-rat LCLo:100 ppm BJIMAG 27,1,70
* skn-rbt LD50:180 mg/kg AIHAAP 30,470,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UP7875000 1,4-PYRAN, 2,3-DIHYDRO-2,5-DIMETHYL-2-FORMYL-
UPDT:8407 CAS: 1920-21-4 MW: 140.20 MOLFM: C8-H12-O2
SYN: 2,3-DIHYDRO-2,5-DIMETHYL-2-FORMYL 1,4-PYRAN * METHACROLEIN DIMER * METHACRYLALDEHYDE DIMER * 2H-PYRAN-2-CARBOXALDEHYDE, 3,4-DIHYDRO-2,5-DIMETHYL- (8CI)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54
eye-rbt 20 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2460 mg/kg AMIHBC 10,61,54

2H-PYRAN, 3,4-DIHYDRO-2-ETHOXY-4-METHYL- see: UP9100000

UP7950000 2H-PYRAN, 3,4-DIHYDROMETHYL-
UPDT:8408 CAS: 27156-32-7 MW: 98.16 MOLFM: C6-H10-O
SYN: METHYLDIHYDROPYRAN
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1950 mg/kg GTPZAB 15(5),49,71
* ihl-mus LC50:6500 mg/m3/2H 85GMAT -,82,82
scu-mus LD50:1250 mg/kg GTPZAB 15(5),49,71

UP7985000 4H-PYRAN, 5,6-DIHYDRO-2-METHYL-3-(PHENYLCARBAMOYL)-
UPDT:8403 CAS: 24691-76-7 MW: 217.29 MOLFM: C13-H15-N-O2
SYN: 5,6-DIHYDRO-2-METHYL-3-(PHENYLCARBAMOYL)-4H-PYRANE * 3,4-DIHYDRO-6-METHYL-N-PHENYL-2H-PYRAN-5-CARBOXAMIDE * 3,4-DIHYDRO-6-METHYL-2H-PYRAN-5-CARBOXANILIDE * HOE 2989 * HOE 6052 * HOE 6083 * HOE 13764 * HOE 13764 OF * 2-METHYL-5,6-DIHYDRO-4,4-PYRAN-3-CARBONSAEUREANILID (German) * 2-METHYL-5,6-DIHYDRO-4-H-PYRANE-3-CARBOXYLIC ACID ANILIDE * PYRACARBOLID * SICAROL
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:1600 mg/kg GUCHAZ 6,440,73

UP8050000 2H-PYRAN-2,4(3H)-DIONE, 3-ACETYL-6-METHYL-
UPDT:8407 CAS: 520-45-6 MW: 168.16 MOLFM: C8-H8-O4
SYN: ACETIC ACID, DEHYDRO- * 3-ACETYL-4-HYDROXY-6-METHYL-2H-PYRAN-2-ONE * 3-ACETYL-6-METHYL-2,4-PYRANDIONE * 3-ACETYL-6-METHYLPYRANDIONE-2,4 * 3-ACETYL-6-METHYL-2H-PYRAN-2,4(3H)-DIONE * 3-ACETYL-6-METHYL-2H-PYRAN-2,4(3H)-DIONE enol form * DEHYDRACETIC ACID * DEHYDROACETIC ACID * DHA * DHS * 4-HEXENOIC ACID, 2-ACETYL-5-HYDROXY-3-OXO-, delta-LACTONE * METHYLACETOPYRONONE * 2H-PYRAN-2-ONE, 3-ACETYL-4-HYDROXY-6-METHYL-
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:392 mg/kg/37W-I BJCAAI 20,134,66
TOXICITY DATA AND REFERENCES:
orl-rat LD50:500 mg/kg WRPCA2 9,119,70
* ipr-mus LD50:2000 mg/kg APTOA6 2,109,46
orl-dog LDLo:400 mg/kg HBTXAC 5,62,59
ivn-dog LDLo:400 mg/kg HBTXAC 5,62,59
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UP8225000 2H-PYRAN-2,4(3H)-DIONE, 3-ACETYL-6-METHYL-, SODIUM SALT
UPDT:8403 CAS: 4418-26-2 MW: 190.16 MOLFM: C8-H7-O4 .Na
SYN: DEHYDROACETIC ACID, SODIUM SALT * DHA-S * DHA-SODIUM * DHN * HARVEN * 4-HEXENOIC ACID, 2-ACETYL-5-HYDROXY-3-OXO, delta-LACTONE, SODIUM deriv. * 3-(1-HYDROXYETHYLIDENE)-6-METHYL-2H-PYRAN-2,4(3H)-DIONE, SODIUM SALT * SODIUM DEHYDROACETATE * SODIUM DEHYDROACETIC ACID
MUTATION DATA AND REFERENCES:
cyt-ham:lng 2500 mg/L GMCRDC 27,95,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 orl-mus TDLo:500 mg/kg (6-15D preg) NKEZA4 27,91,80
2T26T35 orl-mus TDLo:2 gm/kg (6-15D preg) NKEZA4 27,91,80
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1175 mg/kg LONZA# 02JUN80
ivn-dog LD50:400 mg/kg JPETAB 99,69,50
orl-rat LD50:500 mg/kg LONZA# 02JUN80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UP8400000 2H-PYRAN-2,4(3H)-DIONE, 3-ACETYL-6-METHYL-, SODIUM SALT, MONOHYDRATE
UPDT:8403 CAS: 64039-28-7 MW: 208.16 MOLFM: C8-H7-O4 .Na .H2-O
SYN: 3-ACETYL-6-METHYL-2H-PYRAN-2,4(3H)-DIONE, SODIUM SALT, MONOHYDRATE * DEHYDROACETIC ACID, SODIUM SALT, MONOHYDRATE * DHA-S
TOXICITY DATA AND REFERENCES:
orl-rat LD50:570 mg/kg JPETAB 99,57,50

UP8750000 PYRAN, 2,5-DIVINYL TETRAHYDRO-
UPDT:8307 CAS: 25724-33-8 MW: 138.23 MOLFM: C9-H14-O
SYN: 2,5-DIVINYLTETRAHYDROPYRAN * 2,5-DIVINYLTETRAHYDRO-2H-PYRAN * 2H-PYRAN, TETRAHYDRO-2,5-DIVINYL- (8CI) * TETRAHYDRO-2,5-DIVINYLPYRAN
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2460 mg/kg TXAPA9 28,313,74
skn-rbt LD50:1410 mg/kg AIHAAP 30,470,69

UP9100000 2H-PYRAN, 2-ETHOXY-3,4-DIHYDRO-4-METHYL-
UPDT:8407 CAS: 10138-44-0 MW: 142.22 MOLFM: C8-H14-O2
SYN: 2-ETHOXY-4-METHYL-2,3-DIHYDRO-4H-PYRAN * 2-ETHOXY-4-METHYL-3,4-DIHYDROPYRAN * 2H-PYRAN, 3,4-DIHYDRO-2-ETHOXY-4-METHYL-
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54

	eye-rbt 500 mg open	AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3400 mg/kg	AMIHBC 10,61,54
*	skn-rbt LD50:1060 mg/kg	AMIHBC 10,61,54

UP9120000 2H-PYRAN-2-GLYCOLAMIDE, N-((6-(2,3-DIMETHOXYPROPYL)TETRAHYDRO-4-HYDROXY-5,5-DIMETHYL-2H- PYRAN-2-YL)METHOXYMETHYL)TETRAHYDRO-2-METHOXY-5,6-DIMETHYL-4-METHYLENE-

UPDT:8303 CAS: 27973-72-4 MW: 503.71 MOLFM: C25-H45-N-O9
SYN: PEDERIN * PEDERINE

MUTATION DATA AND REFERENCES:

	dni-hmn:hla 200 nmol/L	MUREAV 93,447,82

2H-PYRAN, 2-ETHOXY-4-METHYL TETRAHYDRO- see: UQ1450000
PYRANILAMINE MALEATE see: UT1225000
PYRANINYL see: UT1225000
PYRANISAMINE see: UT0875000
PYRANISAMINE MALEATE see UT1225000
PYRAN-2-METHANOL, TETRAHYDRO- see: UQ0175000

UQ0175000 2H-PYRAN-2-METHANOL, TETRAHYDRO-

UPDT:8308 CAS: 100-72-1 MW: 116.18 MOLFM: C6-H12-O2
SYN: 2-HYDROXYMETHYLTETRAHYDROPYRAN * 2-METHANOL TETRAHYDROPYRAN * 2-METHYLOLTETRAHYDRO-1,4-PYRAN * PYRAN-2-METHANOL, TETRAHYDRO- * TETRAHYDROPYRAN-2-CARBINOL * TETRAHYDROPYRAN-2-METHANOL * TETRAHYDROPYRANYL-2-METHANOL * 2-TETRAHYDROPYRANILCARBINOL

IRRITATION DATA AND REFERENCES:

	skn-rbt 515 mg open MLD	UCDS** 7/28/66
	eye-rbt 16450 ug SEV	UCDS** 7/28/66

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3730 mg/kg	AMIHBC 10,61,54
	orl-mus LD50:2870 mg/kg	SCCUR* -,6,61
	skn-rbt LD50:4000 mg/kg	UCDS** 7/28/66

UQ0200000 2H-PYRAN-2-METHANOL, TETRAHYDRO-, mixture of 2,4-DIMETHYL- and 3,4-DIMETHYLTETRAHYDRO-2H- PYRAN-2-METHANOL

UPDT:8303
SYN: 2-HYDROXYMETHYLTETRAHYDROPYRAN, mixed 2,4- and 3,4-DIMETHYL isomers

IRRITATION DATA AND REFERENCES:

	eye-rbt 5 mg SEV	AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3100 mg/kg	AIHAAP 23,95,62

PYRAN, 2-(2-METHYL-1-PROPENYL)-4-METHYLTETRAHYDRO- see: UQ1470000
PYRAN NSC 46015 see: ON4250000
PYRAN NSC 46015 D see: ON4250000

UQ0330000 7H-PYRANO(2,3-c)ACRIDIN-7-ONE, 3,12-DIHYDRO-6-METHOXY-3,3,12-TRIMETHYL-

UPDT:8412 CAS: 7008-42-6 MW: 321.40 MOLFM: C20-H19-N-O3
SYN: ACRONINE * ACRONYCINE * COMPOUND 42339 * 3,12-DIHYDRO-6-METHOXY-3,3,12-TRIMETHYL-7H-PYRANO(2,3-c)ACRIDIN-7-ONE * NCI-C01536 * NSC 403169

MUTATION DATA AND REFERENCES:

	dni-mus:leu 1 umol/L	CNREA8 33,2310,73
	cyt-mus:fbr 10 mg/L/24H	ARZNAD 27,1549,77

TUMORIGENIC DATA AND REFERENCES:

2V01Q60	ipr-rat TDLo:1170 mg/kg/1Y-I	NCITR* NCI-CG-TR-49,78
2V03P62	ipr-mus TDLo:312 mg/kg/1Y-I	NCITR* NCI-CG-TR-49,78
2V02R60	ipr-rat TD :585 mg/kg/1Y-I	NCITR* NCI-CG-TR-49,78
2V01V10	ipr-rat TD :1800 mg/kg/1Y-I	NCITR* NCI-CG-TR-49,78
2V03J60	ipr-mus TD :530 mg/kg/8W-I	CNREA8 33,3069,73

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NCITR* NCI-CG-TR-49,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:MOUSE (NCITR* NCI-CG-TR-49,78)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UQ0333500 4H-PYRANO(2,3-b)(1,4)BENZODIOXIN-4-ONE, DECAHYDRO-4a,7,9-TRIHYDROXY-2-METHYL-6,8-BIS (METHYLAMINO)-, DIHYDROCHLORIDE, (2R-(2-alpha,4a-beta,5a-beta,6-beta,7-beta,8-beta, 9-alpha,9a-alpha,10a-beta))-

UPDT:8303 CAS: 21736-83-4 MW: 405.32 MOLFM: C14-H24-N2-O7 2Cl-H
SYN: SPECTINOMYCIN DIHYDROCHLORIDE * SPECTINOMYCIN HYDROCHLORIDE * STANILO

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:2020 mg/kg	NIIRDN 6,382,82
*	ipr-mus LD50:2350 mg/kg	NIIRDN 6,382,82
*	scu-mus LD50:8400 mg/kg	NIIRDN 6,382,82

UQ0334000 4H,5H-PYRANO(3,2-c)(1)BENZOPYRAN-10-CARBOXYLIC ACID, 8,9-DIHYDROXY-2-METHYL-4-OXO-

UPDT:8309 CAS: 478-60-4 MW: 290.24 MOLFM: C14-H10-O7
SYN: CITROMYCETIN * FREQUENTIC ACID

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:750 mg/kg	85GDA2 5,406,81
*	ivn-mus LD50:800 mg/kg	85GDA2 5,406,81

UQ0491700 1H-PYRANO(3',4':6,7)INDOLIZINO(1,2-b)QUINOLINE-3,14(4H,12H)-DIONE, 4-ETHYL-4,9-DIHYDROXY-, HYDRATE, (S)-

UPDT:8305 CAS: 19685-09-7 MW: 382.40 MOLFM: C20-H16-N2-O5 H2-O
SYN: (S)-10-HYDROXYCAMPTOTHECIN HYDRATE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:104 mg/kg	DRFUD4 7,629,82

UQ0492000 1H-PYRANO(3',4':6,7)INDOLIZINO(1,2-b)QUINOLINE-3,14(4H,12H)-DIONE, 4-ETHYL-4-HYDROXY-, (S)-

UPDT:8412 CAS: 7689-03-4 MW: 348.38 MOLFM: C20-H16-N2-O4
SYN: CAMPTOTHECIN * CAMPTOTHECINE * 20(S)-CAMPTOTHECINE

MUTATION DATA AND REFERENCES:

	dnd-omi 100 mg/L/30M	NATUAS 248,226,74
	dnd-hmn:hlc 20 umol/L	CNREA8 33,2834,73
	dni-hmn:hla 5 umol/L	HXPHAU 38(Pt 2),649,75
	oms-hmn:hla 5 umol/L	HXPHAU 38(Pt 2),649,75
	dni-ckn:emb 500 ug/L	CJBIAE 55,1180,77

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:64 mg/kg	CNREA8 39,2204,79

PYRANOL see: TQ1350000
PYRANOL 1499 see: DV8809000

UQ0500000 2H-PYRAN-4-OL, TETRAHYDRO-3-BUTYL-5-METHYL-, ACETATE

UPDT:8305 CAS: 38285-49-3 MW: 214.34 MOLFM: C12-H22-O3
SYN: ACETIC ACID, 3-BUTYL-5-METHYL-TETRAHYDRO-2H-PYRAN-4-YL ESTER * 3-BUTYL-5-METHYL-TETRAHYDRO-2H-PYRAN-4-YL ACETATE * 5-METHYL-3-BUTYLTETRAHYDROPYRAN-4-YL ACETATE * TETRAHYDRO-2H-PYRAN-4-OL, 3-BUTYL-5-METHYL-, ACETATE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MLD	FCTXAV 14,601,76

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

2H-PYRAN-2-ONE, 3-ACETYL-4-HYDROXY-6-METHYL- see: UP8050000
4H-PYRAN-4-ONE, 5-(ACETYLOXY)-2-((ACETYLOXY)METHYL)- (9CI) see: UQ0890000
2H-PYRAN-2-ONE, 6-(2-(1,3-BENZODIOXOL-5-YL)ETHENYL)-5,6-DIHYDRO-4-METHOXY-, (R-(E))- (9CI) see: UQ0517000

UQ0509300 4H-PYRAN-4-ONE, 2-(CARBAZOL-9-YLMETHYL)-5-HYDROXY-

UPDT:8405 MW: 291.32 MOLFM: C18-H13-N-O3
SYN: 2-(CARBAZOL-9-YLMETHYL)-5-HYDROXY-4H-PYRAN-4-ONE * 5-HYDROXY-2-(9-CARBAZOLYLMETHYL)-4H-PYRAN-4-ONE

TOXICITY DATA AND REFERENCES:

*	scu-mus LDLo:450 mg/kg	JAPMA8 46,333,57

UQ0517000 2H-PYRAN-2-ONE, 5,6-DIHYDRO-4-METHOXY-6-(3,4-(METHYLENEDIOXY)STYRYL)-, (R)-

UPDT:8303 CAS: 495-85-2 MW: 274.29 MOLFM: C15-H14-O5
SYN: (R-(E))-6-(2-(1,3-BENZODIOXOL-5-YL)ETHENYL)-5,6-DIHYDRO-4-METHOXY-2H-PYRAN-2-ONE * (R)-5,6-DIHYDRO-4-METHOXY-6-(3,4-(METHYLENEDIOXY)STYRYL)-2H-PYRAN-2-ONE * 5-HYDROXY-3-METHOXY-7-(3,4-(METHYLENEDIOXY)PHENYL)-2,6-HEPTADIENOIC ACID gamma-LACTONE * KAVAHIN * KAVATIN * 4-METHOXY-6-(beta-(3',4'-METHYLENEDIOXYPHENYL)VINYL)-5,6-DIHYDRO-alpha-PYRONE * METHYSTICIN * (+)-METHYSTICIN * 2H-PYRAN-2-ONE, 6-(2-(1,3-BENZODIOXOL-5-YL)ETHENYL)-5,6-DIHYDRO-4-METHOXY-, (R-(E))- (9CI)

TOXICITY DATA AND REFERENCES:

1F02	ipr-mus LD50:530 mg/kg	AIPTAK 177,261,69
1F02	ivn-mus LD50:49 mg/kg	AIPTAK 177,261,69

UQ0518000 2H-PYRAN-2-ONE, 5,6-DIHYDRO-4-METHOXY-6-STYRYL-, (R)-

UPDT:8303 CAS: 500-64-1 MW: 230.28 MOLFM: C14-H14-O3
SYN: (R)-5,6-DIHYDRO-4-METHOXY-6-STYRYL-2H-PYRAN-2-ONE * GONOSAN * 5-HYDROXY-3-METHOXY-7-PHENYL-2,6-HEPTADIENOIC ACID gamma-LACTONE * KAVAIN * (+)-KAVAIN * KAWAIN * 4-METHOXY-6-(beta-PHENYLVINYL)-5,6-DIHYDRO-alpha-PYRONE

TOXICITY DATA AND REFERENCES:

1F02	orl-mus LD50:1130 mg/kg	AIPTAK 177,261,69
1F02	ipr-mus LD50:420 mg/kg	AIPTAK 177,261,69
1F02	ivn-mus LD50:69 mg/kg	AIPTAK 177,261,69

UQ0525000 2H-PYRAN-2-ONE, 5,6-DIHYDRO-6-METHYL-

UPDT:8401 CAS: 10048-32-5 MW: 112.14 MOLFM: C6-H8-O2
SYN: (S)-(+)-5,6-DIHYDRO-6-METHYL-2H-PYRAN-2-ONE * 2-HEXENOIC ACID, 5-HYDROXY-, delta-LACTONE * gamma-HEXENOLACTONE * 2-HEXEN-5,1-OLIDE * D''-HEXENOLLACTONE * 5-HYDROXY-2-HEXENOIC ACID LACTONE * PARASCORBIC ACID * PARASORBIC ACID * (+)-PARASORBINSAEURE (German) * SORBIC OIL

TUMORIGENIC DATA AND REFERENCES:

2V02V10	scu-rat TDLo:1280 mg/kg/32W-I	BJCAAI 17,100,63

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:250 mg/kg	85GDA2 8(1),253,82
	ivn-mus LD50:195 mg/kg	ARZNAD 19,617,69
*	skn-rbt LD50:5040 mg/kg	AIHAAP 30,470,69

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: 22HAAD 6,409,71; CTRRDO 60,1171,76
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 10,199,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2H-PYRAN-2-ONE, 5,6-DIHYDRO-6-(2-PHENYLETHENYL)-, (S-(E))- (9CI) see: UQ0590000

UQ0590000 2H-PYRAN-2-ONE, 5,6-DIHYDRO-6-STYRYL-, (5S)-(+)-

UPDT:8308 CAS: 17303-67-2 MW: 200.25 MOLFM: C13-H12-O2
SYN: GONIOTHALAMIN * GONIOTHALAMINE * 2H-PYRAN-2-ONE, 5,6-DIHYDRO-6-(2-PHENYLETHENYL)-, (S-(E))- (9CI)

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:34 mg/kg	85GDA2 8(1),257,82

UQ0800000 4H-PYRAN-4-ONE, 3,5-DIMETHYL-, 2-METHOXY-6-(TETRAHYDRO-4-(beta-METHYL-p-NITROCINNAMYLIDENE)- 2-FURYL)-

UPDT:8309 CAS: 2825-00-5 MW: 397.46 MOLFM: C22-H23-N-O6
SYN: AUREOTHIN * MYCOLUTEIN

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:3 mg/kg	85GDA2 5,390,81
*	ipr-mus LD50:1 mg/kg	85GDA2 5,388,81
*	scu-mus LD50:2 mg/kg	85GDA2 5,388,81
*	ivn-mus LD50:1260 ug/kg	CSLNX* NX#02084

UQ0830000 4H-PYRAN-4-ONE, 2-(3,8-DIOXATRICYCLO(5.1.0(sup 2,4))OCT-5-EN-5-YL)-, (1-alpha,2-beta, 4-beta,7-alpha)-(-)-

UPDT:8309 CAS: 36431-52-4
SYN: ANTIBIOTIC LL-Z 1220 * LL-Z 1220

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:80 mg/kg	85GDA2 5,392,81
*	scu-mus LD50:20 mg/kg	85GDA2 5,392,81

UQ0840000 4H-PYRAN-4-ONE, 2-ETHYL-3-HYDROXY-

UPDT:8405 CAS: 4940-11-8 MW: 140.15 MOLFM: C7-H8-O3
SYN: ETHYL MALTOL * 2-ETHYL PYROMECONIC ACID * 3-HYDROXY-2-ETHYL-4-PYRONE

MUTATION DATA AND REFERENCES:

	mmo-sat 1 mg/plate	MUREAV 67,367,79

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1150 mg/kg	TXAPA9 15,604,69
	orl-mus LD50:780 mg/kg	TXAPA9 15,604,69
	scu-mus LD50:910 mg/kg	CPBTAL 22,1008,74
	orl-ckn LD50:1270 mg/kg	TXAPA9 15,604,69

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UQ0850000 2H-PYRAN-2-ONE, 6-HEPTYLTETRAHYDRO-

UPDT:8305 CAS: 713-95-1 MW: 198.34 MOLFM: C12-H22-O2
SYN: delta-DODECALACTONE * n-HEPTYL-delta-VALEROLACTONE * 5-HYDROXYDODECANOIC ACID LACTONE * 5-HYDROXYDODECANOIC ACID delta-LACTONE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	FCTXAV 17,773,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UQ0875000 4H-PYRAN-4-ONE, 5-HYDROXY-2-(HYDROXYMETHYL)-

UPDT:8403 CAS: 501-30-4 MW: 142.12 MOLFM: C6-H6-O4
SYN: 5-HYDROXY-2-(HYDROXYMETHYL)-4-PYRONE * KOJIC ACID

MUTATION DATA AND REFERENCES:

	mmo-sat 1 mg/plate	MUREAV 67,367,79
	mma-sat 4 mg/plate	JTSCDR 7,255,82

TOXICITY DATA AND REFERENCES:

*	ivn-rat LDLo:1000 mg/kg	85ERAY 3,1755,78
	orl-mus LDLo:4 gm/kg	NATUAS 155,302,45
*	ipr-mus LD50:250 mg/kg	85GDA2 5,393,81
	scu-mus LDLo:1500 mg/kg	NATUAS 155,302,45
	ivn-mus LDLo:1500 mg/kg	NATUAS 155,302,45
*	ivn-dog LDLo:1000 mg/kg	85ERAY 3,1755,78
*	ivn-rbt LDLo:1000 mg/kg	85ERAY 3,1755,78

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

UQ0890000 4H-PYRAN-4-ONE, 5-HYDROXY-2-(HYDROXYMETHYL)-, DIACETATE

UPDT:8305 CAS: 26209-93-8 MW: 226.20 MOLFM: C10-H10-O6
SYN: 5-ACETOXY-2-ACETOXYMETHYLPYRON-4 (German) * 5-ACETOXY-2-ACETOXYMETHYLPYR-4-ONE * DI-O-ACETYLKOJIC ACID * 5-HYDROXY-2-(HYDROXYMETHYL)-4H-PYRAN-4-ONE DIACETATE * 4H-PYRAN-4-ONE, 5-(ACETYLOXY)-2-((ACETYLOXY)METHYL)- (9CI)

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1650 mg/kg	GWXXBX #30146'8

UQ0900000 4H-PYRAN-4-ONE, 3-HYDROXY-2-(1-HYDROXY-2-METHYLPROPYL)

UPDT:8303 CAS: 4940-13-0 MW: 184.21 MOLFM: C9-H12-O4
SYN: 3-HYDROXY-2-(1-HYDROXY-2-METHYLPROPYL)-4H-PYRAN-4-ONE

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:1510 mg/kg	CPBTAL 28,2570,80

UQ0970000 4H-PYRAN-4-ONE, 3-HYDROXY-2-ISOBUTYL-
UPDT:8303 CAS: 76015-10-6 MW: 168.21 MOLFM: C9-H12-O3
SYN: 3-HYDROXY-2-ISOBUTYL-4H-PYRAN-4-ONE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1630 mg/kg CPBTAL 28,2570,80

UQ1000000 2H-PYRAN-2-ONE, 4-HYDROXY-6-METHYL-
UPDT:8303 CAS: 675-10-5 MW: 126.12 MOLFM: C6-H6-O3
SYN: 4-HYDROXY-6-METHYL-2H-PYRAN-2-ONE * 6-METHYL-4-HYDROXYPYRON-(2) * TRIACETIC ACID LACTONE
TOXICITY DATA AND REFERENCES:
2F07F23 scu-mus LD50:3200 mg/kg AIPTAK 128,126,60

UQ1050000 4H-PYRAN-4-ONE, 3-HYDROXY-2-METHYL-
UPDT:8305 CAS: 118-71-8 MW: 126.12 MOLFM: C6-H6-O3
SYN: CORPS PRALINE * LARIXIC ACID * LARIXINIC ACID * 3-HYDROXY-2-METHYL-4H-PYRAN-4-ONE * 3-HYDROXY-2-METHYL-gamma-PYRONE * 3-HYDROXY-2-METHYL-4-PYRONE * MALTOL * 2-METHYL-3-HYDROXY-4-PYRONE * 2-METHYL PYROMECONIC ACID * PALATONE * VETOL * 2-METHYL-3-OXY-gamma-PYRONE * TALMON
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 13,841,75
MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/plate MUREAV 67,367,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2330 mg/kg FCTXAV 13,841,75
orl-mus LD50:848 mg/kg TXAPA9 15,604,69
ipr-mus LD16:1400 mg/kg RPTOAN 38,213,75
scu-mus LD50:820 mg/kg CPBTAL 22,1008,74
orl-rbt LD50:1620 mg/kg DOWCC* -,-,67
orl-gpg LD50:1410 mg/kg DOWCC* -,-,67
orl-ckn LD50:3720 mg/kg TXAPA9 15,604,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UQ1080000 4H-PYRAN-4-ONE, 5-HYDROXY-2-PHENOTHIAZIN-10-YLMETHYL-
UPDT:8405 MW: 323.38 MOLFM: C18-H13-N-O3-S
SYN: 5-HYDROXY-2-(10-PHENOTHIAZINYLMETHYL)-4H-PYRAN-4-ONE
TOXICITY DATA AND REFERENCES:
1Y55 scu-mus LDLo:50 mg/kg JAPMA8 46,333,57

2H-PYRAN-2-ONE, 4-METHOXY-6-(2-(4-METHOXYPHENYL)ETHENYL)-, (E)- (9CI) see: UQ1225200

UQ1225200 2H-PYRAN-2-ONE, 4-METHOXY-6-(p-METHOXYSTYRYL)-
UPDT:8303 CAS: 500-62-9 MW: 258.29 MOLFM: C15-H14-O4
SYN: 5-HYDROXY-3-METHOXY-7-(p-METHOXYPHENYL)-2,4,6-HEPTATRIENOIC ACID gamma-LACTONE * 4-METHOXY-6-(beta-(p-ANISYL)VINYL)-alpha-PYRONE * 4-METHOXY-6-(p-METHOXYSTYRYL)-2H-PYRAN-2-ONE * 2H-PYRAN-2-ONE, 4-METHOXY-6-(2-(4-METHOXYPHENYL)ETHENYL)-, (E)- (9CI) * YANGONIN
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:41 mg/kg AIPTAK 177,261,69

UQ1235000 2H-PYRAN-2-ONE, 4-METHOXY-5-METHYL-6-(7-METHYL-8-(TETRAHYDRO-3,4-DIHYDROXY-2,4,5-TRIMETHYL- 2-FURANYL)-1,3,5,7-OCTATETRAENYL)-
UPDT:8309 CAS: 25425-12-1 MW: 402.53 MOLFM: C23-H30-O6
SYN: CITREOVIRIDIN * CITREOVIRIDINE
TOXICITY DATA AND REFERENCES:
scu-rat LD50:3600 ug/kg JJEMAG 42,91,72
orl-mus LD50:29 mg/kg JJEMAG 42,91,72
ipr-mus LD50:7200 ug/kg JJEMAG 42,91,72
scu-mus LD50:11 mg/kg JJEMAG 42,91,72
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

UQ1240000 2H-PYRAN-2-ONE, 4-METHOXY-6-STYRYL-, stereoisomer
UPDT:8303 CAS: 26531-51-1 MW: 228.26 MOLFM: C14-H12-O3
SYN: DEMETHOXYYANGONIN * DESMETHOXYYANGONIN * DMY * 4-METHOXY-6-STYRYL-2H-PYRAN-2-ONE
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:55 mg/kg AIPTAK 177,261,69

2H-PYRAN-2-ONE, 6-(3,4-(METHYLENEDIOXY)PHENYL)- see: RZ2475000

UQ1280000 4H-PYRAN-4-ONE, 2-METHYL-6-PHENYL-
UPDT:8406 CAS: 1013-99-6 MW: 186.22 MOLFM: C12-H10-O2
SYN: L-16876 * 2-METHYL-6-PHENYL-4H-PYRAN-4-ONE * 2-METHYL-6-PHENYL-gamma-PYRONE
TOXICITY DATA AND REFERENCES:
2F02F07 orl-rat LD50:625 mg/kg AIPTAK 121,443,59

UQ1320000 2H-PYRAN-2-ONE, TETRAHYDRO-3-HEXYL-
UPDT:8305 CAS: 710-04-3 MW: 184.31 MOLFM: C11-H20-O2
SYN: delta-HEXYLVALEROLACTONE * 5-HYDROXYUNDECANOIC ACID LACTONE * delta-UNDECALACTONE * UNDECANOIC ACID, 5-HYDROXY-, delta-LACTONE * UNDECANOLIDE-1,5
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,891,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UQ1355000 2H-PYRAN-2-ONE, TETRAHYDRO-6-PENTYL-
UPDT:8403 CAS: 705-86-2 MW: 170.28 MOLFM: C10-H18-O2
SYN: AI3-36028 * AMYL-delta-VALEROLACTONE * DECANOLIDE-1,5 * delta-DECALACTONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,739,76
eye-rbt 100 mg MLD NTIS** AD-A053-896
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PYRANTEL PAMOATE see: QL2287000
PYRANTEL TARTRATE see: UW0249000

UQ1400000 2H-PYRAN, TETRAHYDRO-2,5-BIS(EPOXYETHYL)-
UPDT:8307 CAS: 39079-58-8 MW: 170.23 MOLFM: C9-H14-O3
SYN: 2,5-DI(1,2-EPOXYETHYL)TETRAHYDRO-2H-PYRAN
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1410 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:320 mg/kg TXAPA9 28,313,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2H-PYRAN, TETRAHYDRO-2,5-DIVINYL- (8CI) see: UP8750000

UQ1450000 2H-PYRAN, TETRAHYDRO-2-ETHOXY-4-METHYL-
UPDT:8307 CAS: 25724-34-9 MW: 144.24 MOLFM: C8-H16-O2
SYN: 2-ETHOXY-4-METHYL-TETRAHYDROPYRAN * 2H-PYRAN, 2-ETHOXY-4-METHYL TETRAHYDRO-
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5160 mg/kg AIHAAP 30,470,69

UQ1468500 2H-PYRAN, TETRAHYDRO-5-(3-METHYL-2-BUTENYL)-2,2,6-TRIMETHYL-
UPDT:8412 MW: 196.37 MOLFM: C13-H24-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:13 gm/kg GISAAA 48(10),89,83

UQ1469000 2H-PYRAN, TETRAHYDROMETHYLENE-
UPDT:8411 CAS: 35656-02-1 MW: 98.16 MOLFM: C6-H10-O
TOXICITY DATA AND REFERENCES:
2F05F13 ihl-rat LC50:94300 mg/m3 GISAAA 48(10),82,83
2F05F13 ihl-mus LC50:69160 mg/m3 GISAAA 48(10),82,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UQ1470000 PYRAN, TETRAHYDRO-2-(2-METHYL-1-PROPENYL)-4-METHYL-
UPDT:8305 CAS: 16409-43-1 MW: 154.28 MOLFM: C10-H18-O
SYN: PYRAN, 2-(2-METHYL-1-PROPENYL)-4-METHYLTETRAHYDRO- * ROSE OXIDE LEVO
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,855,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4300 mg/kg FCTXAV 14,855,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PYRANTON see: SA9100000
PYRAN XA 124-177 see: ON4250000
PYRAPHEN see: AM4375000
PYRATHIAZINE see: SP4725000
PYRATHIAZINE HYDROCHLORIDE see: SP4900000
PYRATHYN see: UT1400000
PYRATHYN see: UT1750000
PYRAZINAMIDE see: UQ2275000
PYRAZINEAMIDE see: UQ2275000

UQ2275000 PYRAZINECARBOXAMIDE
UPDT:8412 CAS: 98-96-4 MW: 123.13 MOLFM: C5-H5-N3-O
SYN: ALDINAMID * ALDINAMIDE * 2-CARBAMYL PYRAZINE * D-50 * EPRAZIN * MK 56 * NCI-C01785 * PYRAZINAMIDE * PYRAZINEAMIDE * PYRAZINE CARBOXYLAMIDE * PYRAZINOIC ACID AMIDE * TEBRAZID
MUTATION DATA AND REFERENCES:
cyt-hmn:lym 120 mg/L MUREAV 48,215,77
TUMORIGENIC DATA AND REFERENCES:
2V03P62 orl-mus TDLo:328 gm/kg/78W-C NCITR* NCI-CG-TR-48,78
2V03J60 orl-mus TD :756 gm/kg/30W-C GANNA2 51,83,60
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1680 mg/kg CMTRAG 5,39,62
* scu-mus LD50:2793 mg/kg NIIRDN 6,641,82
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:MOUSE (NCITR* NCI-CG-TR-48,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-48,78)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRAZINE CARBOXYLAMIDE see: UQ2275000

UQ3150000 PYRAZINE, 2,6-DIMETHYL-3-ETHYL-
UPDT:8305 MW: 136.22 MOLFM: C8-H12-N2
SYN: 2,6-DIMETHYL-3-ETHYLPYRAZINE * FEMA 3150
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:504 mg/kg FCTXAV 13,487,75

UQ3170000 PYRAZINE, 3,3'-DITHIOBIS(ETHYLENEIMINO)DI-
UPDT:8312 MW: 308.46 MOLFM: C12-H16-N6-S2
SYN: DISULFIDE, BIS(2-(3-PYRAZINYLAMINO)ETHYL)- * 3,3'-DITHIOBIS(ETHYLENEIMINO)DIPYRAZINE * 2-(2-PYRAZINYLAMINO)ETHYL DISULFIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg JPMSAE 65,1247,76

UQ3180000 PYRAZINE, 2,2'-DITHIODIMETHYLENEDI-
UPDT:8403 MW: 250.36 MOLFM: C10-H10-N4-S2
SYN: BIS(2-PYRIDAZINYLMETHYL) DISULPHIDE * 2,2'-DITHIODIMETHYLENEDIPYRAZINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg EJMCA5 18,515,83

PYRAZINE HEXAHYDRIDE see: TK7800000
PYRAZINE, HEXAHYDRO- see: TK7800000
PYRAZINE, 2-MERCAPTOMETHYL- see: UQ3620000

UQ3620000 2-PYRAZINEMETHANETHIOL
UPDT:8403 MW: 126.19 MOLFM: C5-H6-N2-S
SYN: PYRAZINE, 2-MERCAPTOMETHYL-
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg EJMCA5 18,515,83

UQ3700000 PYRAZINE, 2-METHYL-(3,5 or 6)-METHYLTHIO-
UPDT:8305 MW: 140.22 MOLFM: C6-H8-N2-S
SYN: FEMA 3208 * 2-METHYL-(3,5 or 6)-METHYLTHIOPYRAZINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1970 mg/kg FCTXAV 13,487,75

UQ3900000 PYRAZINE, 2-(METHYLTHIOMETHYL)-
UPDT:8305 MW: 140.22 MOLFM: C6-H8-N2-S
SYN: FEMA 3231 * METHYLTHIOMETHYLPYRAZINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2150 mg/kg FCTXAV 13,487,75

UQ3905000 PYRAZINE, TETRAMETHYL-
UPDT:8308 CAS: 1124-11-4 MW: 136.22 MOLFM: C8-H12-N2
SYN: TETRAMETHYLPYRAZINE * 2,3,5,6-TETRAMETHYL PYRAZINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1910 mg/kg DCTODJ 3,249,80
* ivn-mus LD50:239 mg/kg CMJODS 4,319,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PYRAZINOIC ACID AMIDE see: UQ2275000

UQ4150000 4H-PYRAZINO(2,1-a)ISOQUINOLIN-4-ONE, 2-(CYCLOHEXYLCARBONYL)-1,2,3,6,7,11b-HEXAHYDRO-
UPDT:8408 CAS: 55268-74-1 MW: 312.45 MOLFM: C19-H24-N2-O2
SYN: BILTRICIDE * CESOL * 2-CYCLOHEXYLCARBONYL-1,2,3,6,7,11b-HEXAHYDRO-4H-PYRAZINO(2,1-a)ISOQUINOLIN-4-ONE * DRONCIT * EMBAY 8440 * PRAZIQUANTEL * PYQUITON
MUTATION DATA AND REFERENCES:
mmo-sat 150 mg/L ENMUDM 2,234,80
dni-hmn:hla 5 mmol/L MUREAV 93,447,82
bfa-mus/sat 1200 mg/kg CNREA8 38,4478,78
msc-ham:lng 10 mg/L CNREA8 42,2692,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2840 mg/kg ARZNAD 31,555,81
* ipr-rat LD50:796 mg/kg ARZNAD 31,555,81
* orl-mus LD50:2454 mg/kg ARZNAD 31,555,81
* scu-mus LD50:7172 mg/kg ARZNAD 31,555,81
* orl-rbt LD50:1050 mg/kg ARZNAD 31,555,81
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHHTAT 61,52,81
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

PYRAZINOL, 6-sec-BUTYL-3-ISOBUTYL-, 1-OXIDE see: CI9625000
PYRAZINOL, O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE see: TF5775000

UQ4385000 PYRAZINOL, 4-OXIDE
UPDT:8309 CAS: 3735-46-4 MW: 112.10 MOLFM: C4-H4-N2-O2
SYN: EMIMYCIN * 2(1H)-PYRAZINONE, 4-OXIDE (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg 85GDA2 5,119,81

2(1H)-PYRAZINONE, 6-sec-BUTYL-1-HYDROXY-3-ISOBUTYL- see: CI9625000
2(1H)-PYRAZINONE, 1-HYDROXY-6-(1-METHYLPROPYL)-3-(2-METHYLPROPYL)- (+)- (9CI) see: CI9625000
2(1H)-PYRAZINONE, 4-OXIDE (9CI) see: UQ4385000

UQ4665000 PYRAZINO(1',2':1,6)PYRIDO(3,4-b)INDOLE, 1,2,3,4,6,7,12,12a-OCTAHYDRO- 2-(2-(DIPHENYLMETHOXY)ETHYL)-
UPDT:8408 CAS: 72601-09-3 MW: 437.63 MOLFM: C29-H31-N3-O
SYN: DIPHENETHINDOLE
TOXICITY DATA AND REFERENCES:
2F25J25 ipr-mus LD50:817 mg/kg IJEBA6 18,39,80
2F25J25 ivn-mus LD50:83600 ug/kg IJEBA6 18,39,80

UQ4730500 2H-PYRAZINO(1',2':1,5)PYRROLO(2,3-b)INDOLE-1,4-(3H,5aH)-DIONE, 6,10b,11,11a-TETRAHYDRO- 10b-(1,1-DIMETHYL-2-PROPENYL)-3-(1H-IMIDAZOL-4-YLMETHYLENE)-
UPDT:8305 CAS: 58735-64-1 MW: 389.50 MOLFM: C22-H23-N5-O2
SYN: ROQUEFORTINE
TOXICITY DATA AND REFERENCES:
3F15F16F17 ipr-mus LD50:169 mg/kg FCTXAV 16,369,78

2-(2-PYRAZINYLAMINO)ETHYL DISULFIDE see: UQ3170000
2-PYRAZINYLETHANETHIOL see: KJ2551000
S-2-PYRAZINYLMETHYL DISODIUM PHOSPHOROTHIOATE see: TG2943000
PYRAZODINE see: US7875000
PYRAZOFEN see: US7700000
PYRAZOFEN see: US7875000
PYRAZOL BLUE 3B see: QJ6475000

UQ4900000 PYRAZOLE
UPDT:8406 CAS: 288-13-1 MW: 68.09 MOLFM: C3-H4-N2
SYN: 1,2-DIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T42T53 orl-rat TDLo:100 mg/kg (9D preg) RCOCB8 26,65,79
1T25 orl-rat TDLo:100 mg/kg (6D preg) RCOCB8 26,65,79
2T34T35 ipr-mus TDLo:24 mg/kg (8-14D preg) TJADAB 25(2),43A,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1010 mg/kg EXPEAM 25,816,69
3F18F19J25 orl-mus LD50:1456 mg/kg JAPMA8 47,70,58
ipr-mus LD50:538 mg/kg JPETAB 178,199,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UQ4925000 1H-PYRAZOLE-5-ACETIC ACID, 1-(2-METHYLPROPYL)-3,4-DIPHENYL-
UPDT:8402 CAS: 50270-32-1 MW: 334.45 MOLFM: C21-H22-N2-O2
SYN: LM-22070 * 1-(2-METHYLPROPYL)-3,4-DIPHENYL-1H-PYRAZOLE-5-ACETIC ACID
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:46 mg/kg DRFUD4 5,21,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UQ4929000 1H-PYRAZOLE-5-ACETIC ACID, 1,3,4-TRIPHENYL-
UPDT:8402 CAS: 50270-33-2 MW: 354.43 MOLFM: C23-H18-N2-O2
SYN: ISOFEZOLAC * ISOFEZOLACO (Spanish) * LM-22102 * 1,3,4-TRIPHENYL-1H-PYRAZOLE-5-ACETIC ACID
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:13 mg/kg DRFUD4 5,21,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UQ6223000 PYRAZOLE, 3-BUTYL-
UPDT:8406 CAS: 28998-67-6 MW: 124.21 MOLFM: C7-H12-N2
SYN: 3-BUTYLPYRAZOLE
TOXICITY DATA AND REFERENCES:
3F18F19J25 orl-rat LD50:509 mg/kg JAPMA8 47,70,58
3F18F19J25 orl-mus LD50:544 mg/kg JAPMA8 47,70,58

UQ6260200 PYRAZOLE-5-CARBOXAMIDE, 4-AMINO-N-BENZYL-3-METHYL-
UPDT:8311 MW: 230.30 MOLFM: C12-H14-N4-O
SYN: 4-AMINO-N-BENZYL-3-METHYLPYRAZOLE-5-CARBOXAMIDE
TOXICITY DATA AND REFERENCES:
3F29U25Y55 orl-mus LD50:500 mg/kg FRPSAX 38,369,83

UQ6260500 PYRAZOLE-5-CARBOXAMIDE, 4-AMINO-N-(3,4-DIMETHOXYPHENETHYL)-3-METHYL-
UPDT:8311 MW: 304.39 MOLFM: C15-H20-N4-O3
SYN: 4-AMINO-N-(3,4-DIMETHOXYPHENETHYL)-3-METHYLPYRAZOLE-5-CARBOXAMIDE
TOXICITY DATA AND REFERENCES:
3F29U26Y55 orl-mus LD50:500 mg/kg FRPSAX 38,369,83

UQ6260700 PYRAZOLE-5-CARBOXAMIDE, 4-AMINO-N-(alpha-METHYLBENZYL)-3-METHYL-
UPDT:8311 MW: 244.33 MOLFM: C13-H16-N4-O
SYN: 4-AMINO-N-(alpha-METHYLBENZYL)-3-METHYLPYRAZOLE-5-CARBOXAMIDE
TOXICITY DATA AND REFERENCES:
3F29U26Y55 orl-mus LD50:500 mg/kg FRPSAX 38,369,83

UQ6260900 PYRAZOLE-5-CARBOXAMIDE, 4-AMINO-3-METHYL-N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-
UPDT:8311 MW: 284.27 MOLFM: C12-H11-F3-N4-O
SYN: 4-AMINO-3-METHYL-N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)PYRAZOLE-5-CARBOXAMIDE
TOXICITY DATA AND REFERENCES:
3F29U26Y55 orl-mus LD50:1000 mg/kg FRPSAX 38,369,83

UQ6261000 PYRAZOLE-5-CARBOXAMIDE, N-BENZYL-3-METHYL-4-NITRO-
UPDT:8311 MW: 260.28 MOLFM: C12-H12-N4-O3
SYN: N-BENZYL-3-METHYL-4-NITROPYRAZOLE-5-CARBOXAMIDE
TOXICITY DATA AND REFERENCES:
3F29U26Y55 orl-mus LD50:1000 mg/kg FRPSAX 38,369,83

PYRAZOLE-1-CARBOXAMIDE, 3-HYDROXY-N,N,5-TRIMETHYL-, DIMETHYLCARBAMATE (ester) see: EZ9084000

UQ6374000 PYRAZOLE-5-CARBOXAMIDE, 3-METHYL-4-NITRO-N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-
UPDT:8311 MW: 314.25 MOLFM: C12-H9-F3-N4-O3
SYN: 3-METHYL-4-NITRO-N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)PYRAZOLE-5-CARBOXAMIDE
TOXICITY DATA AND REFERENCES:
3F29U26Y55 orl-mus LD50:1000 mg/kg FRPSAX 38,369,83

UQ6400000 PYRAZOLE-3-CARBOXYLIC ACID, 5-HYDROXY-1-(p-SULFOPHENYL)-4-(p-SULFOPHENYL)AZO-, TRISODIUM SALT
UPDT:8405 CAS: 1934-21-0 MW: 534.38 MOLFM: C16-H9-N4-O9-S2 .3Na
SYN: ACID LEATHER YELLOW T * ACID YELLOW 23 * ACID YELLOW T * ACILAN YELLOW GG * A.F. YELLOW NO. 4 * AIREDALE YELLOW T * AIZEN TARTRAZINE * AMACID YELLOW T * ATUL TARTRAZINE * BUCACID TARTRAZINE * CALCOCID YELLOW MCG * CALCOCID YELLOW XX * CANACERT TARTRAZINE * 3-CARBOXY-5-HYDROXY-1-p-SULFOPHENYL-4-p-SULFOPHENYLAZOPYRAZOLE TRISODIUM SALT * CERTICOL TARTRAZOL YELLOW S * CILEFA YELLOW T * C.I. 640 * C.I. 19140 * C.I. ACID YELLOW 23 * C.I. ACID YELLOW 23, TRISODIUM SALT * C.I. FOOD YELLOW 4 * CURON FAST YELLOW 5G * D and C YELLOW NO. 5 * DOLKWAL TARTRAZINE * DYE FD AND C YELLOW NO. 5 * EDICOL SUPRA TARTRAZINE N * EGG YELLOW A * ERIO TARTRAZINE * EUROCERT TARTRAZINE * FD AND C YELLOW 5 * FD & C YELLOW NO.5 TARTRAZINE * FENAZO YELLOW T * FOOD YELLOW 4 * FOOD YELLOW 5 * FOOD YELLOW NO. 4 * HD TARTRAZINE * HD TARTRAZINE SUPRA * HEXACERT YELLOW NO. 5 * HEXACOL TARTRAZINE * HIDAZID TARTRAZINE * HISPACID FAST YELLOW T * HYDRAZINE YELLOW * HYDROXINE YELLOW L * KAKO TARTRAZINE * KAYAKU FOOD COLOUR YELLOW NO. 4 * KAYAKU TARTRAZINE * KCA FOODCOL TARTRAZINE PF * KCA TARTRAZINE PF * KITON YELLOW T * LAKE YELLOW * LEMON YELLOW A * LEMON YELLOW A GEIGY * MAPLE TARTRAZOL YELLOW * MITSUI TARTRAZINE * NAPHTOCARD YELLOW O * NEKLACID YELLOW T * OXANAL YELLOW T * SAN-EI TARTRAZINE * SCHULTZ NO. 737 * SUGAI TARTRAZINE * TARTAR YELLOW N * TARTAR YELLOW S * TARTAR YELLOW FS * TARTAR YELLOW PF * TARTRAN YELLOW * TARTRAPHENINE * TARTRAZINE * TARTRAZINE A EXPO 1 * TARTRAZINE B * TARTRAZINE B.P.C. * TARTRAZINE EXTRA PURE A * TARTRAZINE FD & C YELLOW #5 * TARTRAZINE FQ * TARTRAZINE G * TARTRAZINE LAKE * TARTRAZINE LAKE YELLOW N * TARTRAZINE M * TARTRAZINE MCGL * TARTRAZINE N * TARTRAZINE NS * TARTRAZINE O * TARTRAZINE T * TARTRAZINE XX * TARTRAZINE XXX * TARTRAZINE YELLOW * TARTRAZOL BPC * TARTRAZOL YELLOW * TARTRINE YELLOW O * TRISODIUM 3-CARBOXY-5-HYDROXY-1-p-SULFOPHENYL-4-p-SULFOPHENYLAZOPYRAZOLE * TRISODIUM SALT of 3-CARBOXY-5-HYDROXY-1-SULFOPHENYLAZOPYRAZOLE * UNITERTRACID YELLOW TE * USACERT YELLOW NO. 5 * VONDACID TARTRAZINE * WOOL YELLOW * XYLENE FAST YELLOW GT * Y-4 * 1310 YELLOW * 1409 YELLOW * YELLOW LAKE 69 * YELLOW NO. 5 * YELLOW NO. 5 FDC
MUTATION DATA AND REFERENCES:
cyt-hmn:lym 100 mg/L SOGEBZ 11,528,75
cyt-ham:lng 2100 mg/L GMCRDC 27,95,81
cyt-mam:fbr 5 mg/L FCTOD7 20,461,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T48T81T85 orl-rat TDLo:18500 mg/kg (7-22D preg/21D post) JTEHD6 2,1211,77
1T76 orl-rat TDLo:1280 mg/kg (7-14D preg) OYYAA2 24,399,82
1T81 orl-rat TDLo:20 gm/kg (7-14D preg) OYYAA2 24,399,82
TOXICITY DATA AND REFERENCES:
2C10Q01 orl-hmn TDLo:14 ug/kg ANAEA3 17,719,59
orl-mus LD50:12750 mg/kg FAONAU 38B,90,66
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UQ6415000 PYRAZOLE-5-CARBOXYLIC ACID, 3-METHYL-4-NITRO-, 2-(p-CHLOROPHENYL)HYDRAZIDE
UPDT:8312 MW: 295.71 MOLFM: C11-H10-Cl-N5-O3
SYN: 3-METHYL-4-NITROPYRAZOLE-5-CARBOXYLIC ACID 2-(p-CHLOROPHENYL)HYDRAZIDE
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:500 mg/kg FRPSAX 38,508,83

UQ6445000 PYRAZOLE, 4-CHLORO-
UPDT:8406 CAS: 15878-00-9 MW: 102.53 MOLFM: C3-H3-Cl-N2
SYN: 4-CHLOROPYRAZOLE * L-21842
TOXICITY DATA AND REFERENCES:
2F02F07 orl-rat LD50:527 mg/kg AIPTAK 121,443,59

UQ6456000 PYRAZOLE, 4-CHLORO-3-METHYL-
UPDT:8406 CAS: 15878-08-7 MW: 116.56 MOLFM: C4-H5-Cl-N2
SYN: 4-CHLORO-3-METHYLPYRAZOLE * L-21626 * 3-METHYL-4-CHLOROPYRAZOLE
TOXICITY DATA AND REFERENCES:
2F02F07 orl-rat LD50:375 mg/kg AIPTAK 121,443,59
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UQ6457000 1H-PYRAZOLE, 4-((4-CHLOROPHENYL)AZO)-1,5-DIPHENYL-
UPDT:8412 CAS: 40640-31-1 MW: 358.85 MOLFM: C21-H15-Cl-N4
TOXICITY DATA AND REFERENCES:
* unk-mus LDLo:320 mg/kg JPMSAE 62,494,73

UQ6475000 PYRAZOLE, 1-(2,4-DICHLOROPHENOXYACETYL)-3,5-DIMETHYL-
UPDT:8309 CAS: 13241-78-6 MW: 299.17 MOLFM: C13-H12-Cl2-N2-O2
SYN: 1-(2,4-DICHLOROPHENOXYACETYL)-3,5-DIMETHYL PYRAZOLE * TG-427 * TOMACON
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1130 mg/kg GUCHAZ 6,189,73

UQ6825000 PYRAZOLE, 3,5-DIMETHYL-1-((TRICHLOROMETHYL)THIO)-
UPDT:8307 CAS: 25724-50-9 MW: 245.56 MOLFM: C6-H7-Cl3-N2-S
SYN: 3,5-DIMETHYL-1-(TRICHLOROMETHYLMERCAPTO)PYRAZOLE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:570 mg/kg AIHAAP 30,470,69
skn-rbt LD50:200 mg/kg AIHAAP 30,470,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UQ6903000 1H-PYRAZOLE, 1,5-DIPHENYL-4-((4-ETHOXYPHENYL)AZO)-
UPDT:8412 CAS: 40640-37-7 MW: 368.47 MOLFM: C23-H20-N4-O
TOXICITY DATA AND REFERENCES:
* unk-mus LDLo:320 mg/kg JPMSAE 62,494,73

UQ6905000 1H-PYRAZOLE, 1,5-DIPHENYL-4-((4-METHOXYPHENYL)AZO)-
UPDT:8412 CAS: 40640-34-4 MW: 354.44 MOLFM: C22-H18-N4-O
TOXICITY DATA AND REFERENCES:
* unk-mus LDLo:320 mg/kg JPMSAE 62,494,73

UQ6907000 1H-PYRAZOLE, 1,5-DIPHENYL-4-(PHENYLAZO)-
UPDT:8412 CAS: 40640-30-0 MW: 324.41 MOLFM: C21-H16-N4
TOXICITY DATA AND REFERENCES:
* unk-mus LDLo:320 mg/kg JPMSAE 62,494,73

UQ7158000 PYRAZOLE-3-METHANOL, 4-CHLORO-alpha,alpha-DIETHYL-
UPDT:8406 MW: 188.68 MOLFM: C8-H13-Cl-N2-O
SYN: 4-CHLORO-alpha,alpha-DIETHYLPYRAZOLE-3-METHANOL * 4-CHLORO-3-(3-HYDROXY-3-PENTYL)PYRAZOLE * L-26308
TOXICITY DATA AND REFERENCES:
2F02F07 orl-rat LD50:236 mg/kg AIPTAK 121,443,59
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UQ7340000 PYRAZOLE, 3-METHYL-
UPDT:8406 CAS: 1453-58-3 MW: 82.12 MOLFM: C4-H6-N2
SYN: 3-METHYLPYRAZOLE
TOXICITY DATA AND REFERENCES:
3F18F19J25 orl-rat LD50:1312 mg/kg JAPMA8 47,70,58
3F18F19J25 orl-mus LD50:886 mg/kg JAPMA8 47,70,58

UQ7350000 PYRAZOLE, 4-METHYL-
UPDT:8312 CAS: 7554-65-6 MW: 82.12 MOLFM: C4-H6-N2
SYN: 4-METHYLPYRAZOL * 4-METHYLPYRAZOLE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:650 mg/kg EXPEAM 28,1198,72
ivn-rat LD50:310 mg/kg EXPEAM 28,1198,72
orl-mus LD50:640 mg/kg EXPEAM 28,1198,72
ivn-mus LD50:310 mg/kg EXPEAM 28,1198,72

UQ7887000 PYRAZOLE, 3-NONYL-
UPDT:8406 MW: 194.36 MOLFM: C12-H22-N2

SYN: 3-NONYLPYRAZOLE
TOXICITY DATA AND REFERENCES:
3F18F19J25 orl-rat LD50:2695 mg/kg JAPMA8 47,70,58
3F18F19J25 orl-mus LD50:1078 mg/kg JAPMA8 47,70,58

UQ7900000 PYRAZOLE, 3-PENTYL-
UPDT:8406 MW: 138.24 MOLFM: C8-H14-N2
SYN: 3-PENTYLPYRAZOLE
TOXICITY DATA AND REFERENCES:
3F18F19J25 orl-rat LD50:523 mg/kg JAPMA8 47,70,58
3F18F19J25 orl-mus LD50:638 mg/kg JAPMA8 47,70,58

UQ8003000 PYRAZOLE, 3-PROPYL-
UPDT:8406 CAS: 7231-31-4 MW: 110.18 MOLFM: C6-H10-N2
SYN: 3-PROPYLPYRAZOLE
TOXICITY DATA AND REFERENCES:
3F18F19J25 orl-rat LD50:616 mg/kg JAPMA8 47,70,58
3F18F19J25 orl-mus LD50:778 mg/kg JAPMA8 47,70,58

UQ8050000 PYRAZOLE, 1-((TRICHLOROMETHYL)THIO)-
UPDT:8307 CAS: 25726-97-0 MW: 217.50 MOLFM: C4-H3-Cl3-N2-S
SYN: 1-(TRICHLOROMETHYLMERCAPTO)PYRAZOLE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:350 mg/kg AIHAAP 30,470,69
* ihl-rat LCLo:200 ppm/1H AIHAAP 30,470,69
skn-rbt LD50:63 mg/kg AIHAAP 30,470,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRAZOL FAST BRILLIANT BLUE VP see: QJ6430000
PYRAZOL FAST BROWN BRL see: GL7375000
PYRAZOLIDIN see: UQ8225000

UQ8151000 3,5-PYRAZOLIDINEDIONE, 4-ALLYL-1,2-DIPHENYL-
UPDT:8406 MW: 292.36 MOLFM: C18-H16-N2-O2
SYN: 4-ALLYL-1,2-DIPHENYL-3,5-DIOXOPYRAZOLIDINE * 4-ALLYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE
TOXICITY DATA AND REFERENCES:
1F13 ivn-mus LD50:220 mg/kg AEPPAE 233,365,58

UQ8152000 3,5-PYRAZOLIDINEDIONE, 4-(3-ALLYLSALICYLIDENE)-1,2-DIPHENYL-
UPDT:8308 MW: 393.46 MOLFM: C25-H19-N2-O3
SYN: 4-(3-ALLYLSALICYLIDENE)-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE * DA-239 * 1,2-DIFENIL-3,5-DICHETO-4-(o-OSSI-m-ALLIL-BENZILIDEN)-PIRAZOLIDINA (Italian) * P.M. 396
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:170 mg/kg FRPSAX 12,521,57

UQ8170000 3,5-PYRAZOLIDINEDIONE, 4-BENZYL-1,2-DIPHENYL-
UPDT:8406 CAS: 26485-73-4 MW: 342.42 MOLFM: C22-H18-N2-O2
SYN: 4-BENZIL-1,2-DIFENIL-3,5-DICHETO-PIRAZOLIDINA (Italian) * 4-BENZYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE * DA-220 * P.M. 342
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:297 mg/kg FRPSAX 12,521,57
1F13 ivn-mus LD50:105 mg/kg AEPPAE 233,365,58
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UQ8180000 3,5-PYRAZOLIDINEDIONE, 4-BENZYL-1,2-DIPHENYL-, SODIUM SALT
UPDT:8308 MW: 365.41 MOLFM: C22-H18-N2-O2 .Na
SYN: 4-BENZYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE SODIUM SALT
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:149 mg/kg FRPSAX 12,521,57

UQ8200000 3,5-PYRAZOLIDINEDIONE, 4-BENZYL-1-PHENYL-
UPDT:8406 MW: 266.32 MOLFM: C16-H14-N2-O2
SYN: 4-BENZYL-1-PHENYL-3,5-DIOXOPYRAZOLIDINE * 4-BENZYL-1-PHENYL-3,5-PYRAZOLIDINEDIONE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:440 mg/kg AEPPAE 233,365,58

UQ8225000 3,5-PYRAZOLIDINEDIONE, 4-BUTYL-1,2-DIPHENYL-
UPDT:8412 CAS: 50-33-9 MW: 308.41 MOLFM: C19-H20-N2-O2
SYN: ALINDOR * ALKABUTAZONA * ALQOVERIN * ANERVAL * ANPUZONE * ANTADOL * ANUSPIRAMIN * ARTRIZIN * ARTRIZONE * ARTROPAN * AZDID * AZOBUTYL * AZOLID * BENZONE * BETAZED * BIZOLIN 200 * B.T.Z. * BUSONE * BUTACOTE * BUTACOMPREN * BUTADION * BUTADIONA * BUTADIONE * BUTAGESIC * BUTALGINA * BUTALAN * BUTALIDON * BUTALUY * BUTAPHEN * BUTAPIRAZOL * BUTAPYRAZOLE * BUTARECBON * BUTARTRIL * BUTARTRINA * BUTAZINA * BUTAZOLIDIN * BUTAZOLIDINE * BUTAZONA * BUTAZONE * BUTE * BUTIDIONA * BUTIWAS-SIMPLE * BUTONE * BUTOZ * 4-BUTYL-1,2-DIPHENYL-3,5-DIOXOPYRAZOLIDINE * 4-BUTYL-1,2-DIPHENYLPYRAZOLIDINE-3,5-DIONE * 4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE * BUTYLPYRIN * BUVETZONE * BUZON * CHEMBUTAZONE * DA-192 * DIGIBUTINA * DIOSSIDONE * 3,5-DIOXO-4-BUTYL-1,2-DIPHENYL-PYRAZOLIDINE * 3,5-DIOXO-1,2-DIPHENYL-4-n-BUTYLPYRAZOLIDENE * DIOZOL * 3,5-DIOXO-1,2-DIPHENYL-4-n-BUTYL-PYRAZOLIDIN * 3,5-DIOXO-1,2-DIPHENYL-4-n-BUTYLPYRAZOLIDINE * DIPHEBUZOL * DIPHENYLBUTAZONE * 1,2-DIPHENYL-4-BUTYL-3,5-DIOXOPYRAZOLIDINE * 1,2-DIPHENYL-4-BUTYL-3,5-PYRAZOLIDINEDIONE * 1,2-DIPHENYL-3,5-DIOXO-4-BUTYLPYRAZOLIDINE * 1,2-DIPHENYL-2,3-DIOXO-4-N-BUTYLPYRAZOLINE * ECOBUTAZONE * ELMEDAL * EQUI BUTE * ERIBUTAZONE * 'ESTEVE' * FBZ * FEBUZINA * FENARTIL * FENIBUTASAN * FENIBUTAZONA * FENILBUTINE * FENIBUTOL * FENILBUTAZONA * FENILIDINA * FENOTONE * FENYLBUTAZON * FLEXAZONE * G 13,871 * IA-BUT * INTALBUT * INTRABUTAZONE * IPSOFLAME * KADOL * LINGEL * MALGESIC * MEPHABUTAZONE * MERIZONE * NADAZONE * NADOZONE * NCI-C56531 * NEO-ZOLINE * NOVOPHENYL * PBZ * PHEBUZIN * PHEBUZINE * PHEN-BUTA-VET * PHENBUTAZOL * PHENOPYRINE * PHENYLBUTAZ * PHENYLBUTAZONE * PHENYLBUTAZONUM * PHENYL-MOBUZON * PIRARREUMOL 'B' * PRAECIRHEUMIN * PYRABUTOL * PYRAZOLIDIN * RECTOFASA * REUDO * REUDOX * REUMASYL * REUMAZIN * REUMAZOL * REUMUNE * REUMUZOL * REUPOLAR * ROBIZON-V * RUBATONE * R-3-ZON * SCANBUTAZONE * SCHEMERGIN * SHIGRODIN * TAZONE * TETNOR * TEVCODYNE * THERAZONE * TICINIL * TODALGIL * USAF GE-15 * UZONE * VAC-10 * WESCOZONE * ZOLAPHEN * ZOLIDINUM * ZORANE
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MOD CMROCX 4,17,76
MUTATION DATA AND REFERENCES:
oms-hmn:emb 20 mg/L BEXBAN 74,828,72
oms-hmn:lym 320 umol/L MUREAV 14,83,72
cyt-hmn:lym 320 umol/L MUREAV 14,83,72
mnt-mus-orl 75 mg/kg IJEBA6 18,869,80
mnt-mus-ipr 50 mg/kg IJEBA6 18,869,80
dni-mus-ipr 20 gm/kg ARGEAR 51,605,81
cyt-ham-orl 25 mg/kg MUREAV 13,377,71
cyt-ham:fbr 1 gm/L ESKHAS 96,55,78
cyt-ham:lng 830 mg/L GMCRDC 27,95,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:25200 mg/kg (84D male) OYYAA2 19,1,80
1T16 orl-rat TDLo:360 mg/kg (17-22D preg) IYKEDH 10,164,79
1T72 orl-rat TDLo:1140 mg/kg (14D pre/1-22D preg) TXAPA9 15,46,69
1T47 orl-rat TDLo:30 mg/kg (21D preg) OYYAA2 27,117,84
2T31T34 orl-rat TDLo:600 mg/kg (5-16D preg) RCOCB8 7,701,74
2T46T85 orl-rat TDLo:1100 mg/kg (7-17D preg) OYYAA2 20,377,80
2T12T13 orl-rat TDLo:25200 mg/kg (84D pre) OYYAA2 19,1,80
3T25T34T46 orl-mus TDLo:8 gm/kg (6-15D preg) OYYAA2 20,289,80
1T81 orl-mus TDLo:8 gm/kg (6-15D preg) OYYAA2 20,289,80
1T29 orl-rbt TDLo:1050 mg/kg (1-7D preg) JRPFA4 10,129,65
2T25T35 orl-rbt TDLo:780 mg/kg (6-18D preg) IYKEDH 10,149,79
1T26 orl-rbt TDLo:1560 mg/kg (6-18D preg) IYKEDH 10,149,79
1T29 orl-rbt TDLo:200 mg/kg (1D pre) FESTAS 38,238,82
TUMORIGENIC DATA AND REFERENCES:
2V01P61 orl-man TDLo:4368 mg/kg/4Y-C BMJOAE 1,744,64
2V01P61 mul-wmn TDLo:4200 mg/kg/77W-I BMJOAE 2,1569,61
3V01P20P61 orl-man TD :140 mg/kg/3W-C BMJOAE 2,1552,60
TOXICITY DATA AND REFERENCES:
par-hmn LDLo:168 mg/kg/2W-I 27ZXA3 -,448,63
3F21R03U25 orl-wmn TDLo:276 mg/kg/3W BMJOAE 1,1322,78
3H01M11M14 unk-man TDLo:200 mg/kg/5W-I BMJOAE 282,950,81
1F29 orl-rat LD50:245 mg/kg AIPTAK 123,48,59
* ipr-rat LD50:142 mg/kg FRPSAX 14,347,59
3F07F11F12 scu-rat LD50:230 mg/kg OYYAA2 6,1285,72
ivn-rat LD50:100 mg/kg ARZNAD 10,665,60
ims-rat LD50:220 mg/kg ARZNAD 10,665,60
* orl-mus LD50:270 mg/kg BCFAAI 111,293,72
ipr-mus LD50:170 mg/kg ARZNAD 19,36,69
* scu-mus LD50:230 mg/kg JPPMAB 7,1022,55
ivn-mus LD50:90 mg/kg ARZNAD 19,36,69
3F05F12J30 ims-mus LD50:430 mg/kg OYYAA2 13,97,77
3F12F17J22 orl-dog LD50:332 mg/kg OYYAA2 20,265,80
1F29 ivn-dog LD50:121 mg/kg AIPTAK 149,571,64
ivn-cat LD50:100 mg/kg ARZNAD 19,36,69
3F12F17J22 orl-rbt LD50:781 mg/kg OYYAA2 20,265,80
ivn-rbt LD50:146 mg/kg ARZNAD 10,129,60
orl-gpg LD50:250 mg/kg ARZNAD 19,1207,69
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ANTCAO 3,-,53; AJMEAZ 38,409,65; ADVPA3 4,263,66; FNSCA6 2,67,73
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 13,183,77
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UQ8275000 3,5-PYRAZOLIDINEDIONE, 4-BUTYL-1,2-DIPHENYL-, CALCIUM SALT
UPDT:8308 MW: 348.49 MOLFM: C19-H20-N2-O2 .Ca
SYN: DA-241 * 1,2-DIPHENYL-4-BUTYL-3,5-DIKETOPYRAZOLIDINE CALCIUM SALT * P 241 * PHENYLBUTAZONE CALCIUM SALT
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:997 mg/kg FRPSAX 12,521,57
* scu-rat LD50:637 mg/kg FRPSAX 12,521,57
* ivn-rat LD50:104 mg/kg FRPSAX 13,922,58
* ivn-mus LD50:104 mg/kg FRPSAX 13,922,58

UQ8276000 3,5-PYRAZOLIDINEDIONE, 4-BUTYL-1,2-DIPHENYL-, and CARISOPRODOL (1:2)
UPDT:8406
SYN: myo-BUTAZOLIDINE * CARISOPRODOL and PHENYLBUTAZONE (2:1) * MYOBUTAZOLIDIN * PHENYLBUTAZONE and CARISOPRODOL (1:2)
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:2700 mg/kg OYYAA2 13,89,77

UQ8280000 3,5-PYRAZOLIDINEDIONE, 4-BUTYL-1,2-DIPHENYL-, compd. with 2-(DIETHYLAMINO)ETHANOL
UPDT:8303 MW: 424.62 MOLFM: C19-H19-N2-O2 .C6-H15-N-O
SYN: 4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE compd. with 2-(DIETHYLAMINO)ETHANOL * 2-(DIETHYLAMINO)ETHANOL compd. with 4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:95 mg/kg FRPSAX 13,922,58

UQ8290000 3,5-PYRAZOLIDINEDIONE, 4-BUTYL-1,2-DIPHENYL-, mixed with 4-(DIMETHYLAMINO)-1,2-DIHYDRO-1,5- DIMETHYL-2-PHENYL-3H-PYRAZOL-3-ONE
UPDT:8406 CAS: 8064-79-7 MW: 539.74 MOLFM: C19-H20-N2-O2 .C13-H17-N3-O
SYN: IRGAPYRIN * IRGAPYRINE * PABIALGIN * RHEOPYRINE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1375 mg/kg SMWOAS 79,577,49
ipr-rat LD50:290 mg/kg JPETAB 109,387,53
ivn-rat LD50:160 mg/kg SMWOAS 79,577,49
orl-mus LD50:700 mg/kg SMWOAS 79,577,49
ivn-mus LD50:155 mg/kg JPETAB 109,387,53
* ims-mus LD50:560 mg/kg OYYAA2 13,79,77
ivn-rbt LD50:145 mg/kg SMWOAS 79,577,49

UQ8293000 3,5-PYRAZOLIDINEDIONE, 4-BUTYL-1,2-DIPHENYL-, compd. with 2-(DIMETHYLAMINO)ETHANOL
UPDT:8303 MW: 396.56 MOLFM: C19-H19-N2-O2 .C4-H11-N-O
SYN: 4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE compd. with 2-(DIMETHYLAMINO)ETHANOL * 2-(DIMETHYLAMINO)ETHANOL compd. with 4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:95 mg/kg FRPSAX 13,922,58

UQ8295000 3,5-PYRAZOLIDINEDIONE, 4-BUTYL-1,2-DIPHENYL-, LITHIUM SALT
UPDT:8303 MW: 314.34 MOLFM: C19-H19-N2-O2 .Li
SYN: 4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE LITHIUM SALT
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:102 mg/kg FRPSAX 13,922,58

UQ8297000 3,5-PYRAZOLIDINEDIONE, 4-BUTYL-1,2-DIPHENYL-, MAGNESIUM SALT
UPDT:8303 MW: 331.71 MOLFM: C19-H19-N2-O2 .Mg
SYN: 4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE MAGNESIUM SALT
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:107 mg/kg FRPSAX 13,922,58

UQ8300000 3,5-PYRAZOLIDINEDIONE, 4-BUTYL-1,2-DIPHENYL-, MONOSODIUM SALT
UPDT:8308 CAS: 129-18-0 MW: 331.40 MOLFM: C19-H20-N2-O2 .Na
SYN: BUTAZOLIDINE SODIUM * 3,5-DIOXO-1,2-DIPHENYL-4-n-BUTYLPYRAZOLIDIN SODIUM * DIPHENYLDIOXOBUTYLPYRAZOLIDINE-BUTAZOLIDINE-SODIUM * GP26872 * PHENYLBUTAZONE SODIUM * 4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE SODIUM SALT * PHENYLBUTAZONE SODIUM SALT * SODIUM BUTAZOLIDINE * SODIUM PHENYLBUTAZONE * SODIUM SALT of PHENYLBUTAZONE
TOXICITY DATA AND REFERENCES:
3J02P15R03 orl-wmn LDLo:16 mg/kg/D AIMEAS 39,1096,53
scu-rat LD50:360 mg/kg ARZNAD 8,229,58
* ivn-rat LD50:113 mg/kg FRPSAX 13,922,58
orl-mus LD50:476 mg/kg RPOBAR 2,314,70
ipr-mus LD50:169 mg/kg RPOBAR 2,314,70
* scu-mus LD50:271 mg/kg FRPSAX 12,521,57
* ivn-mus LD50:94 mg/kg FRPSAX 13,922,58
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UQ8340000 3,5-PYRAZOLIDINEDIONE, 4-BUTYL-1,2-DIPHENYL-, POTASSIUM SALT
UPDT:8303 MW: 346.50 MOLFM: C19-H19-N2-O2 .K
SYN: 4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE POTASSIUM SALT
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:113 mg/kg FRPSAX 13,922,58

UQ8360000 3,5-PYRAZOLIDINEDIONE, 4-BUTYL-1,2-DIPHENYL-, STRONTIUM SALT
UPDT:8303 MW: 395.02 MOLFM: C19-H19-N2-O2 .Sr
SYN: 4-BUTYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE STRONTIUM SALT
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:97 mg/kg FRPSAX 13,922,58

UQ8400000 3,5-PYRAZOLIDINEDIONE, 4-BUTYL-1-(p-HYDROXYPHENYL)-2-PHENYL-
UPDT:8408 CAS: 129-20-4 MW: 324.41 MOLFM: C19-H20-N2-O3
SYN: ARTROFLOG * BM 1 * BUTAFLOGIN * BUTANOVA * BUTAPIRONE * BUTILENE * 4-BUTYL-1-(p-HYDROXYPHENYL)-2-PHENYL-3,5-PYRAZOLIDINEDIONE * 4-BUTYL-1-(4-HYDROXYPHENYL)-2-PHENYL-3,5-PYRAZOLIDINEDIONE * 4-BUTYL-2-(p-HYDROXYPHENYL)-1-PHENYL-3,5-PYRAZOLIDINEDIONE * 4-BUTYL-2-(4-HYDROXYPHENYL)-1-PHENYL-3,5-DIOXOPYRAZOLIDINE * CROVARIL * DEFLOGIN * 3,5-DIOXO-1-PHENYL-2-(p-HYDROXYPHENYL)-4-n-BUTYLPYRAZOLIDENE * ETROZOLIDINA * FLAMARIL * FLANARIL * FLOGAL * FLOGHENE * FLOGISTIN * FLOGITOLO * FLOGODIN * FLOGORIL * FLOGOSTOP * FLOPIRINA * FRABEL * G 27202 * p-HYDROXYPHENYLBUTAZONE * 1-(p-HYDROXYPHENYL)-2-PHENYL-4-BUTYL-3,5-PYRAZOLIDINEDIONE * 1-p-HYDROXYPHENYL-2-PHENYL-3,5-DIOXO-4-N-BUTYLPYRAZOLIDINE * IDROBUTAZINA * INFAMIL * INFAMMIL * IPABUTONA * IRIDIL * ISOBUTAZINA * ISOBUTIL * METABOLITE I * NEO-FARMADOL * NEOFEN * OFFITRIL * OXALID * OXAZOLIDIN-GEIGY * OXIBUTOL * OXIFENIBUTOL * OXIFENYLBUTAZON * OXAZOLIDIN * OXIPHENBUTAZONE * OXYPHENBUTAZONE * OXYPHENOBUTAZONE * OXYPHENYLBUTAZONE * 1-PHENYL-2-(p-HYDROXYPHENYL)-3,5-DIOXO-4-BUTYLPYRAZOLIDINE * PIRABUTINA * PIRAFLOGIN * POLIFLOGIL * REMAZIN * REUMOX * RUMAPAX * TANDACOTE * TANDALGESIC * TANDEARIL * TANDERAL * TANDERIL * TELIDAL * TENDEARIL * VALIOR * VISUBUTINA * USAF GE-14
MUTATION DATA AND REFERENCES:
sln-asn 1 gm/L MUREAV 26,159,74
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 orl-rat TDLo:560 mg/kg (28D male) JJPAAZ 28,909,78
1T21 orl-rat TDLo:100 mg/kg (10D pre) JJPAAZ 28,909,78
1T26 orl-rat TDLo:700 mg/kg (1-7D preg) JJPAAZ 28,909,78
1T72 orl-rat TDLo:700 mg/kg (10-16D preg) JJPAAZ 28,909,78
TOXICITY DATA AND REFERENCES:
3K12K13P01 orl-man TDLo:27 mg/kg/14D LAKAA3 63,53,66
2R03U25 orl-wmn TDLo:50 mg/kg/7D LAKAA3 63,53,66
2K01N30 orl-wmn TDLo:24 mg/kg/4D JAMAAP 238,1399,77
* orl-rat LD50:980 mg/kg NIIRDN 6,153,82
* orl-mus LD50:350 mg/kg BCFAAI 103,245,64
ipr-mus LD50:100 mg/kg NTIS** AD414-344
ivn-mus LD50:52 mg/kg ARZNAD 10,129,60
ivn-dog LD50:178 mg/kg AIPTAK 149,571,64
ivn-rbt LD50:104 mg/kg ANYAA9 86,263,60
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 13,183,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UQ8402000 3,5-PYRAZOLIDINEDIONE, 4-sec-BUTYLIDENE-1,2-DIPHENYL-
UPDT:8308 CAS: 26485-82-5 MW: 306.39 MOLFM: C19-H18-N2-O2
SYN: 4-sec-BUTYLIDENE-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE * DA-237 * 1,2-DIFENIL-3,5-DICHETO-4-(alpha-METIL-PROPILIDEN)-PIRAZOLIDINA (Italian) * P.M. 306
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2020 mg/kg FRPSAX 12,521,57

UQ8404000 3,5-PYRAZOLIDINEDIONE, 4-sec-BUTYLIDENE-1,2-DIPHENYL-, SODIUM SALT
UPDT:8308 MW: 329.38 MOLFM: C19-H18-N2-O2 .Na
SYN: 4-sec-BUTYLIDENE-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE SODIUM SALT
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:832 mg/kg FRPSAX 12,521,57

UQ8410000 3,5-PYRAZOLIDINEDIONE, 4-BUTYL-2-(p-NITROPHENYL)-1-PHENYL-
UPDT:8407 MW: 353.41 MOLFM: C19-H19-N3-O4
SYN: 4-BUTYL-2-(p-NITROPHENYL)-1-PHENYL-3,5-PYRAZOLIDINEDIONE * G 28234 * 1-PHENYL-2-p-NITROPHENYL-3,5-DIOXO-4-n-BUTYL-PYRAZOLIDIN (German)
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:197 mg/kg ARZNAD 12,79,62

UQ8420000 3,5-PYRAZOLIDINEDIONE, 4-BUTYL-1-PHENYL-
UPDT:8406 CAS: 2210-63-1 MW: 232.31 MOLFM: C13-H16-N2-O2
SYN: ARCOMONOL TABLETS * 4-BUTYL-1-PHENYL-3,5-DIOXOPYRAZOLIDINE * 4-BUTYL-1-PHENYL-3,5-PYRAZOLIDINEDIONE * 2 FDBP * MOBUTAZON * MOBUZON * MOFEBUTAZONE * MONAZAN * MONOBUTYL * MONOPHENYLBUTAZONE * MONORHEUMETTEN * 2-PHENYL-3,5-DIHYDROXY-4-BUTYLPYRAZOLIDINE * REUMATOX
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:848 mg/kg FRPSAX 14,347,59
* ipr-mus LD50:937 mg/kg FRPSAX 14,347,59
* ivn-mus LD50:600 mg/kg AEPPAE 233,365,58

UQ8437000 3,5-PYRAZOLIDINEDIONE, 4-CYCLOHEXYL-1,2-DIPHENYL-
UPDT:8406 MW: 334.45 MOLFM: C21-H22-N2-O2
SYN: 4-CYCLOHEXYL-1,2-DIPHENYL-3,5-DIOXOPYRAZOLIDINE * 4-CYCLOHEXYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE
TOXICITY DATA AND REFERENCES:
1F23 ivn-mus LD50:160 mg/kg AEPPAE 233,365,58

UQ8438000 3,5-PYRAZOLIDINEDIONE, 4-CYCLOHEXYL-1-PHENYL-
UPDT:8406 MW: 258.35 MOLFM: C15-H18-N2-O2
SYN: 4-CYCLOHEXYL-1-PHENYL-3,5-DIOXOPYRAZOLIDINE
TOXICITY DATA AND REFERENCES:
1F13 ivn-mus LD50:240 mg/kg AEPPAE 233,365,58

UQ8455500 3,5-PYRAZOLIDINEDIONE, 1,4-DIPHENYL-
UPDT:8406 MW: 251.28 MOLFM: C15-H11-N2-O2
SYN: 1,4-DIPHENYL-3,5-DIOXO-PYRAZOLIDIN (German) * 1,4-DIPHENYL-3,5-PYRAZOLIDINEDIONE
TOXICITY DATA AND REFERENCES:
scu-mus LD50:1003 mg/kg ARZNAD 4,249,54
* ivn-mus LD50:740 mg/kg AEPPAE 233,365,58

UQ8512000 3,5-PYRAZOLIDINEDIONE, 1,2-DIPHENYL-4-DODECYL-
UPDT:8308 MW: 420.65 MOLFM: C27-H36-N2-O2
SYN: DA-196 * 1,2-DIFENIL-3,5-DICHETO-4-LAURIL-PIRAZOLIDINA (Italian) * 1,2-DIPHENYL-4-DODECYL-3,5-PYRAZOLIDINEDIONE * P.M. 420
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2800 mg/kg FRPSAX 12,521,57

UQ8512500 3,5-PYRAZOLIDINEDIONE, 1,2-DIPHENYL-4-FURFURYL-
UPDT:8401 MW: 332.38 MOLFM: C20-H16-N2-O3
SYN: DA-242 * 1,2-DIFENIL-3,5-DICHETO-4-FURFURIL-PIRAZOLIDINA (Italian) * 1,2-DIPHENYL-4-FURFURYL-3,5-PYRAZOLIDINEDIONE * P.M. 332
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:401 mg/kg FRPSAX 12,521,57
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UQ8513000 3,5-PYRAZOLIDINEDIONE, 1,2-DIPHENYL-4-FURFURYLIDENE-
UPDT:8308 MW: 330.36 MOLFM: C20-H14-N2-O3
SYN: DA-238 * 1,2-DIFENIL-3,5-DICHETO-4-FURFURILIDEN-PIRAZOLIDINA (Italian) * 1,2-DIPHENYL-4-FURFURYLIDENE-3,5-PYRAZOLIDINEDIONE * P.M. 330
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1825 mg/kg FRPSAX 12,521,57

UQ8513500 3,5-PYRAZOLIDINEDIONE, 1,2-DIPHENYL-4-FURFURYLIDENE-, SODIUM SALT
UPDT:8308 MW: 353.35 MOLFM: C20-H14-N2-O3 .Na
SYN: 1,2-DIPHENYL-4-FURFURYLIDENE-3,5-PYRAZOLIDINEDIONE SODIUM SALT
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:996 mg/kg FRPSAX 12,521,57

UQ8514000 3,5-PYRAZOLIDINEDIONE, 1,2-DIPHENYL-4-FURFURYL-, SODIUM SALT
UPDT:8308 MW: 355.37 MOLFM: C20-H16-N2-O3 .Na
SYN: 1,2-DIPHENYL-4-FURFURYL-3,5-PYRAZOLIDINEDIONE SODIUM SALT
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:251 mg/kg FRPSAX 12,521,57

UQ8514500 3,5-PYRAZOLIDINEDIONE, 1,2-DIPHENYL-4-ISOBUTYL-
UPDT:8401 MW: 308.41 MOLFM: C19-H20-N2-O2
SYN: 4-i.BUTIL-1,2-DIFENIL-3,5-DICHETO-PIRAZOLIDINA (Italian) * DA-195 * 1,2-DIPHENYL-4-ISOBUTYL-3,5-PYRAZOLIDINEDIONE * P.M. 308
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:332 mg/kg FRPSAX 12,521,57
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UQ8515000 3,5-PYRAZOLIDINEDIONE, 1,2-DIPHENYL-4-ISOBUTYL-, SODIUM SALT
UPDT:8308 MW: 331.40 MOLFM: C19-H20-N2-O2 .Na
SYN: 1,2-DIPHENYL-4-ISOBUTYL-3,5-PYRAZOLIDINEDIONE SODIUM SALT
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:317 mg/kg FRPSAX 12,521,57

UQ8515500 3,5-PYRAZOLIDINEDIONE, 1,2-DIPHENYL-4-ISOPENTYL-
UPDT:8308 MW: 322.44 MOLFM: C20-H22-N2-O2
SYN: 4-i.AMIL-1,2-DIFENIL-3,5-DICHETO-PIRAZOLIDINA (Italian) * DA-194 * 1,2-DIPHENYL-4-ISOPENTYL-3,5-PYRAZOLIDINEDIONE * P.M. 322
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:727 mg/kg FRPSAX 12,521,57

UQ8516000 3,5-PYRAZOLIDINEDIONE, 1,2-DIPHENYL-4-ISOPENTYL-, SODIUM SALT
UPDT:8308 MW: 345.43 MOLFM: C20-H22-N2-O2 .Na
SYN: 1,2-DIPHENYL-4-ISOPENTYL-3,5-PYRAZOLIDINEDIONE SODIUM SALT
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:257 mg/kg FRPSAX 12,521,57

UQ8522000 3,5-PYRAZOLIDINEDIONE, 1,2-DIPHENYL-4-ISOPROPYLIDENE-
UPDT:8308 CAS: 26485-81-4 MW: 292.36 MOLFM: C18-H16-N2-O2
SYN: DA-236 * 1,2-DIFENIL-3,5-DICHETO-4-(alpha-METIL-ETILIDEN)-PIRAZOLIDINA (Italian) * 1,2-DIPHENYL-4-ISOPROPYLIDENE-3,5-PYRAZOLIDINEDIONE * P.M. 292
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1285 mg/kg FRPSAX 12,521,57

UQ8522500 3,5-PYRAZOLIDINEDIONE, 1,2-DIPHENYL-4-ISOPROPYLIDENE-, SODIUM SALT
UPDT:8308 MW: 315.35 MOLFM: C18-H16-N2-O2 .Na
SYN: 1,2-DIPHENYL-4-ISOPROPYLIDENE-3,5-PYRAZOLIDINEDIONE SODIUM SALT
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:617 mg/kg FRPSAX 12,521,57

UQ8530000 3,5-PYRAZOLIDINEDIONE, 1,2-DIPHENYL-4-(3-METHYL-2-BUTENYL)-
UPDT:8403 CAS: 30748-29-9 MW: 320.42 MOLFM: C20-H20-N2-O2
SYN: DA 2370 * FENILPRENAZONE * FEPRAZONE * 4-(beta-ISOAMYLENYL)-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE * 4-(2-ISOPENTENYL)-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE * METHRAZONE * 4-(3-METHYL-2-BUTENYL)-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE * PHENYLPRENAZONE * PHEPRAZONE * PREMAZONE * PRENAZONE * 4-PRENYL-1,2-DIPHENYL-3,5-DIOXOPYRAZOLIDINE * 4-PRENYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE * 3,5-PYRAZOLIDINEDIONE, 4-(3-METHYL-2-BUTENYL)-1,2-DIPHENYL- * ZEPELIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T91 orl-rat TDLo:1320 mg/kg (7-17D preg) IYKEDH 10,149,79
1T46 orl-rat TDLo:2640 mg/kg (7-17D preg) IYKEDH 10,149,79
1T16 orl-rat TDLo:180 mg/kg (17-22D preg) IYKEDH 10,164,79
1T81 orl-rat TDLo:1620 mg/kg (17-22D preg/21D post) IYKEDH 10,164,79
1T12 orl-rat TDLo:10920 mg/kg (26W pre) TXAPA9 64,255,82
3T25T26T46 orl-rbt TDLo:1560 mg/kg (6-18D preg) IYKEDH 10,149,79
1T27 orl-rbt TDLo:3120 mg/kg (6-18D preg) IYKEDH 10,149,79
TOXICITY DATA AND REFERENCES:
3F07F12J22 orl-rat LD50:1343 mg/kg IYKEDH 10,133,79
3F07F12J22 ipr-rat LD50:362 mg/kg IYKEDH 10,133,79
* orl-mus LD50:1067 mg/kg MEIEDD 10,577,83
3F07F12J22 ipr-mus LD50:270 mg/kg IYKEDH 10,133,79
3F07F12J22 scu-mus LDLo:374 mg/kg IYKEDH 10,133,79
* ivn-mus LD50:160 mg/kg MEIEDD 10,577,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UQ8652000 3,5-PYRAZOLIDINEDIONE, 1,2-DIPHENYL-4-PROPYL-
UPDT:8406 MW: 294.38 MOLFM: C18-H18-N2-O2
SYN: DA-231 * 1,2-DIFENIL-3,5-DICHETO-4-PROPIL-PIRAZOLIDINA (Italian) * 1,2-DIPHENYL-4-PROPYL-3,5-PYRAZOLIDINEDIONE * P.M. 231
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:529 mg/kg FRPSAX 12,521,57
1F23 ivn-mus LD50:190 mg/kg AEPPAE 233,365,58

UQ8652500 3,5-PYRAZOLIDINEDIONE, 1,2-DIPHENYL-4-PROPYL-, SODIUM SALT
UPDT:8308 MW: 317.37 MOLFM: C18-H18-N2-O2 .Na
SYN: 1,2-DIPHENYL-4-PROPYL-3,5-PYRAZOLIDINEDIONE SODIUM SALT
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:297 mg/kg FRPSAX 12,521,57

UQ8657000 3,5-PYRAZOLIDINEDIONE, 4-ISOPROPYL-1-PHENYL-
UPDT:8406 MW: 218.28 MOLFM: C12-H14-N2-O2
SYN: 4-ISOPROPYL-1-PHENYL-3,5-DIOXOPYRAZOLIDINE * 4-ISOPROPYL-1-PHENYL-3,5-PYRAZOLIDINEDIONE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:820 mg/kg AEPPAE 233,365,58

3,5-PYRAZOLIDINEDIONE, 4-(3-METHYL-2-BUTENYL)-1,2-DIPHENYL- see: UQ8530000

UQ8667000 3,5-PYRAZOLIDINEDIONE, 4-PENTYL-1-PHENYL-
UPDT:8406 MW: 246.34 MOLFM: C14-H18-N2-O2
SYN: 4-AMYL-1-PHENYL-3,5-DIOXOPYRAZOLIDINE * 4-PENTYL-1-PHENYL-3,5-PYRAZOLIDINEDIONE
TOXICITY DATA AND REFERENCES:
1F13 ivn-mus LD50:210 mg/kg AEPPAE 233,365,58

UQ8668000 3,5-PYRAZOLIDINEDIONE, 1,2,4-TRIPHENYL-
UPDT:8406 MW: 328.39 MOLFM: C21-H16-N2-O2
SYN: 1,2,4-TRIPHENYL-3,5-DIOXOPYRAZOLIDINE * 1,2,4-TRIPHENYL-3,5-PYRAZOLIDINEDIONE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:140 mg/kg AEPPAE 233,365,58

UQ8700000 3-PYRAZOLIDINONE, 4-BUTYL-1,2-DIPHENPYL-5-THIOXO-
UPDT:8406 MW: 323.46 MOLFM: C19-H19-N2-O-S
SYN: 4-n-BUTYL-1,2-DIPHENYL-3-OXO-5-THIONPYRAZOLIDINE * 4-BUTYL-1,2-DIPHENYL-5-THIOXO-3-PYRAZOLIDINONE
TOXICITY DATA AND REFERENCES:
1F13 ivn-mus LD50:210 mg/kg AEPPAE 233,365,58

UQ8720000 3-PYRAZOLIDINONE, 1,2-DIPHENYL-4-PROPYL-5-THIOXO-
UPDT:8406 MW: 309.43 MOLFM: C18-H17-N2-O-S
SYN: 1,2-DIPHENYL-4-PROPYL-5-THIOXO-3-PYRAZOLIDINONE
TOXICITY DATA AND REFERENCES:
1F13 ivn-mus LD50:460 mg/kg AEPPAE 233,365,58

UQ8800000 3-PYRAZOLIDINONE, 5-THIOXO-1,2,4-TRIPHENYL-
UPDT:8406 MW: 344.45 MOLFM: C21-H16-N2-O-S
SYN: 5-THIOXO-1,2,4-TRIPHENYL-3-PYRAZOLIDINONE * 1,2,4-TRIPHENYL-3-OXO-5-THIONPYRAZOLIDINE
TOXICITY DATA AND REFERENCES:
1F13 ivn-mus LD50:320 mg/kg AEPPAE 233,365,58

PYRAZOLINE BROWN BRL see: GL7375000

UQ8956000 2-PYRAZOLINE-1-CARBOXAMIDE, 4,5-DIOXO-3-METHYL-, 4-((o-ETHOXYPHENYL)HYDRAZONE)
UPDT:8408 CAS: 22948-48-7 MW: 289.33 MOLFM: C13-H15-N5-O3
SYN: 4,5-DIOXO-3-METHYL-2-PYRAZOLINE-1-CARBOXAMIDE 4-((o-ETHOXYPHENYL)HYDRAZONE)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T22T24 orl-rat TDLo:25 mg/kg (1-5D preg) IJMRAQ 59,1120,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UQ8958000 2-PYRAZOLINE-1-CARBOXAMIDE, 4,5-DIOXO-3-METHYL-, 4-(2,5-XYLYLHYDRAZONE)
UPDT:8408 CAS: 22948-54-5 MW: 273.33 MOLFM: C13-H15-N5-O2
SYN: 4,5-DIOXO-3-METHYL-2-PYRAZOLINE-1-CARBOXAMIDE 4-(2,5-XYLYLHYDRAZONE)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:25 mg/kg (1-5D preg) IJMRAQ 59,1120,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UQ8959000 2-PYRAZOLINE-1-CARBOXAMIDE, 4,5-DIOXO-3-METHYL-, 4-(3,5-XYLYLHYDRAZONE)
UPDT:8408 CAS: 34388-24-4 MW: 273.33 MOLFM: C13-H15-N5-O2
SYN: 4,5-DIOXO-3-METHYL-2-PYRAZOLINE-1-CARBOXAMIDE 4-(3,5-XYLYLHYDRAZONE)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T22T24 orl-rat TDLo:25 mg/kg (1-5D preg) IJMRAQ 59,1120,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3-PYRAZOLIN-5-ONE, 4-AMINO-2,3-DIMETHYL-1-PHENYL- see: CD2480000

UQ8969000 3-PYRAZOLIN-5-ONE, 4-(BIS(2-CHLOROETHYL)AMINO)-2,3-DIMETHYL-1-PHENYL-, HYDROCHLORIDE
UPDT:8406 CAS: 56915-10-7 MW: 364.73 MOLFM: C15-H19-Cl2-N3-O .Cl-H
SYN: 4-(BIS(2-CHLOROETHYL)AMINO)-2,3-DIMETHYL-1-PHENYLPYRAZOLON-(5) HYDROCHLORID (German) * 4-(BIS(2-CHLOROETHYL)AMINO)-2,3-DIMETHYL-1-PHENYL-3-PYRAZOLIN-5-ONE HYDROCHLORIDE * IMET 3995
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:88 mg/kg PHARAT 30,433,75

UQ8976200 3-PYRAZOLIN-5-ONE, 4-BUTYL-1,2-DIPHENYL-3-HYDROXY-, 1-ADAMANTANECARBOXYLATE (ester)
UPDT:8402 MW: 470.66 MOLFM: C30-H34-N2-O3
SYN: 4-BUTYL-1,2-DIHYDRO-5-((1-ADAMANTANECARBONYL)OXY)-1,2-DIPHENYL-3H-PYRAZOL-3-ONE * 4-BUTYL-1,2-DIPHENYL-3-HYDROXY-3-PYRAZOLIN-5-ONE 1-ADAMANTANECARBOXYLATE (ester) * SP-123
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1698 mg/kg BCFAAI 122,186,83

UQ8976400 3-PYRAZOLIN-5-ONE, 4-BUTYL-1,2-DIPHENYL-3-HYDROXY-, 3,4-METHYLENEDIOXYBENZOATE (ester)
UPDT:8402 MW: 456.53 MOLFM: C27-H24-N2-O5
SYN: 4-BUTYL-1,2-DIHYDRO-5-((3,4-METHYLENEDIOXYBENZOYL)OXY)-1,2-DIPHENYL-3H-PYRAZOL-3-ONE * 4-BUTYL-1,2-DIPHENYL-3-HYDROXY-3-PYRAZOLIN-5-ONE 3,4-METHYLENEDIOXYBENZOATE (ester) * SP-125
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1373 mg/kg BCFAAI 122,186,83

UQ8976600 3-PYRAZOLIN-5-ONE, 4-BUTYL-1,2-DIPHENYL-3-HYDROXY-, 2-THIOPHENECARBOXYLATE (ester)
UPDT:8402 MW: 418.54 MOLFM: C24-H22-N2-O3-S
SYN: 4-BUTYL-1,2-DIHYDRO-5-((2-THENOYL)OXY)-1,2-DIPHENYL-3H-PYRAZOL-3-ONE * 4-BUTYL-1,2-DIPHENYL-3-HYDROXY-3-PYRAZOLIN-5-ONE 2-THIOPHENECARBOXYLATE (ester) * SP-124
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1175 mg/kg BCFAAI 122,186,83

3-PYRAZOLIN-5-ONE, 4-(DIMETHYLAMINO)-2,3-DIMETHYL-1-PHENYL- see: CD2625000

UQ9625000 2-PYRAZOLIN-5-ONE, 3-METHYL-1-PHENYL-
UPDT:8412 CAS: 89-25-8 MW: 174.22 MOLFM: C10-H10-N2-O
SYN: C.I. DEVELOPER 1 * DEVELOPER Z * 3-METHYL-1-PHENYL-2-PYRAZOLIN-5-ONE * 3-METHYL-1-PHENYL-5-PYRAZOLONE * NCI-C03952 * NORPHENAZONE * 1-PHENYL-3-METHYLPYRAZOLONE-5 * 1-PHENYL-3-METHYL-5-PYRAZOLONE * 5-PYRAZOLONE, 3-METHYL-1-PHENYL-
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H MOD 28ZPAK -,144,72
MUTATION DATA AND REFERENCES:
otr-rat:emb 31 ug/plate JJATDK 1,190,81
TOXICITY DATA AND REFERENCES:
3F12F17J22 orl-rat LD50:3500 mg/kg LONZA# 08FEB79
ipr-mus LD50:2012 mg/kg RPTOAN 36,27,73
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-141,78)
REPORTED IN EPA TSCA INVENTORY, 1983

UQ9820000 1H-PYRAZOLIUM, (1,2-DIMETHYL-3,5-DIPHENYL)-, METHYL SULFATE
UPDT:8309 CAS: 43222-48-6 MW: 348.45 MOLFM: C16-H17-N2 .C-H3-O4-S
SYN: AC 84777 * AVENGE * DIFENZOQUAT METHYL SULFATE * 1,2-DIMETHYL-3,5-DIPHENYL-1-H-PYRAZOLIUM METHYL SULFATE * FINAVEN * MATAVEN * YEH-YAN-KU
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:270 mg/kg FMCHA2 -,C20,83
* skn-rbt LD50:3540 mg/kg FMCHA2 -,C20,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UQ9830500 PYRAZOLO(4,3-c)(1,2)BENZOTHIAZINE-3-CARBOXAMIDE, 1,4-DIHYDRO-1-(p-CHLOROPHENYL)- N-(3-(CYCLOHEXYLAMINO)PROPYL)-4-METHYL-, 5,5-DIOXIDE
UPDT:8306 MW: 528.12 MOLFM: C26-H30-Cl-N5-O3-S
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:246 mg/kg FRPSAX 38,35,83

UQ9831000 PYRAZOLO(4,3-c)(1,2)BENZOTHIAZINE-3-CARBOXAMIDE, 1,4-DIHYDRO-1-(m-CHLOROPHENYL)-4-METHYL- N-(3-MORPHOLINOPROPYL)-, 5,5-DIOXIDE
UPDT:8306 MW: 516.06 MOLFM: C24-H26-Cl-N5-O4-S
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:190 mg/kg FRPSAX 38,35,83

UQ9831100 PYRAZOLO(4,3-c)(1,2)BENZOTHIAZINE-3-CARBOXAMIDE, 1,4-DIHYDRO-1-(o-CHLOROPHENYL)-4-METHYL- N-(3-MORPHOLINOPROPYL)-, 5,5-DIOXIDE
UPDT:8306 MW: 516.06 MOLFM: C24-H26-Cl-N5-O4-S
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:782 mg/kg FRPSAX 38,35,83

UQ9831200 PYRAZOLO(4,3-c)(1,2)BENZOTHIAZINE-3-CARBOXAMIDE, 1,4-DIHYDRO-1-(p-CHLOROPHENYL)-4-METHYL-N- 3-MORPHOLINOPROPYL)-, 5,5-DIOXIDE
UPDT:8306 MW: 516.06 MOLFM: C24-H26-Cl-N5-O4-S
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:238 mg/kg FRPSAX 38,35,83

UQ9832000 PYRAZOLO(4,3-c)(1,2)BENZOTHIAZINE-3-CARBOXAMIDE, 1,4-DIHYDRO-N-(3-(CYCLOHEXYLAMINO)PROPYL)- 4-METHYL-1-PHENYL-, 5,5-DIOXIDE
UPDT:8306 MW: 493.68 MOLFM: C26-H31-N5-O3-S
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:268 mg/kg FRPSAX 38,35,83

UQ9832300 PYRAZOLO(4,3-c)(1,2)BENZOTHIAZINE-3-CARBOXAMIDE, 1,4-DIHYDRO-1-(m-FLUOROPHENYL)-4-METHYL-N- (3-MORPHOLINOPROPYL)-, 5,5-DIOXIDE
UPDT:8306 MW: 499.61 MOLFM: C24-H26-F-N5-O4-S
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:210 mg/kg FRPSAX 38,35,83

UQ9833000 PYRAZOLO(4,3-c)(1,2)BENZOTHIAZINE-3-CARBOXAMIDE, 1,4-DIHYDRO-4-METHYL-N- (3-MORPHOLINOPROPYL)-1-PHENYL-, 5,5-DIOXIDE
UPDT:8306 MW: 481.62 MOLFM: C24-H27-N5-O4-S
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg FRPSAX 38,35,83

UQ9835000 1H-PYRAZOLO(1,2-a)(1,2,4)BENZOTRIAZINE-1,3(2H)-DIONE, 5-(DIMETHYLAMINO)-9-METHYL-2-PROPYL-
UPDT:8408 CAS: 13539-59-8 MW: 300.40 MOLFM: C16-H20-N4-O2
SYN: AHR-3018 * APAZONE * AZAPROPAZON (German) * AZAPROPAZONE (ANHYDROUS) * CINNAMIN * CINNOPROPAZONE * 1,2-DIHYDRO-3-DIMETHYLAMINO-7-METHYL-1,2-(PROPYLMALONYL)-1,2,4-BENZOTRIAZINE * 3-DIMETHYLAMINO-7-METHYL-1,2-(n-PROPYLMALONYL)-1,2-DIHYDRO-1,2,4-BENZOTRIAZINE * 5-DIMETHYLAMINO-9-METHYL-2-PROPYL-1H-PYRAZOLO(1,2-a)(1,2,4)BENZOTRIAZINE-1,3(2H)-DIONE * MI 85 * NSC-102824 * PROLIXAN * RHEUMOX * SINNAMIN
TOXICITY DATA AND REFERENCES:
1Y55 orl-rat LD50:1800 mg/kg OYYAA2 15,41,78
ipr-rat LD50:650 mg/kg CMROCX 4,17,76
ivn-rat LD50:660 mg/kg CMROCX 4,17,76
orl-mus LD50:1080 mg/kg CMROCX 4,17,76
ipr-mus LD50:920 mg/kg CMROCX 4,17,76
ivn-mus LD50:680 mg/kg CMROCX 4,17,76
ivn-cat LD50:500 mg/kg CMROCX 4,17,76

UQ9840000 1H-PYRAZOLO(1,2-a)(1,2,4)BENZOTRIAZINE-1,3(2H)-DIONE, 5-(DIMETHYLAMINO)-9-METHYL-2-PROPYL-, DIHYDRATE
UPDT:8405 CAS: 22304-30-9 MW: 336.44 MOLFM: C16-H20-N4-O2 .2H2-O
SYN: APAZONE DIHYDRATE * AZAPROPAZON DIHYDRAT (German) * AZAPROPAZONE * 1,2-DIHYDRO-3-DIMETHYLAMINO-7-METHYL-1,2-(PROPYLMALONYL)-1,2,4-BENZOTRIAZINE DIHYDRATE * 3-DIMETHYLAMINO-7-METHYL-1,2-(n-PROPYLMALONYL)-1,2-DIHYDRO-1,2,4-BENZOTRIAZINE DIHYDRATE * MI 85 DI * PROLIXAN
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg MLD CMROCX 4,17,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1950 mg/kg ARZNAD 23,1215,73
ipr-rat LD50:1101 mg/kg TOIZAG 19,242,72
scu-rat LD50:1101 mg/kg TOIZAG 19,242,72
ivn-rat LD50:710 mg/kg ARZNAD 19,36,69
* orl-mus LD50:1080 mg/kg ARZNAD 23,1215,73
ipr-mus LD50:1107 mg/kg TOIZAG 19,242,72
scu-mus LD50:1190 mg/kg TOIZAG 19,242,72
ivn-mus LD50:750 mg/kg ARZNAD 19,36,69

PYRAZOLO(2,3-a)IMIDAZOLIDINE see: NJ5098950

UR0121000 4H-PYRAZOLO(1,5-a)INDOLE, 2-(3-METHOXYPHENYL)-
UPDT:8412 MW: 278.33 MOLFM: C17-H14-N2-O2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:62500 ug/kg (6-10D preg) EJMCA5 19,215,84
1T29 scu-ham TDLo:2 mg/kg (4-8D preg) EJMCA5 19,215,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR0121500 4H-PYRAZOLO(1,5-a)INDOLE, 2-PHENYL-
UPDT:8412 MW: 232.30 MOLFM: C16-H12-N2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:100 mg/kg (6-10D preg) EJMCA5 19,215,84
1T29 scu-ham TDLo:27500 ug/kg (4-8D preg) EJMCA5 19,215,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR0122000 8H-PYRAZOLO(5,1-a)ISOINDOLE, 2-PHENYL-
UPDT:8411 CAS: 61001-42-1 MW: 232.30 MOLFM: C16-H12-N2
SYN: 2-PHENYL-8H-PYRAZOLO(5,1-a)ISOINDOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-rat TDLo:375 mg/kg (6-10D preg) EJMCA5 17,223,82
1T29 scu-rat TDLo:375 mg/kg (6-10D preg) EJMCA5 19,215,84
1T25 scu-ham TDLo:50 mg/kg (4-8D preg) EJMCA5 17,223,82
1T29 scu-ham TDLo:50 mg/kg (4-8D preg) EJMCA5 19,215,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR0123000 PYRAZOLO(5,1-a)ISOQUINOLINE, 5,6-DIHYDRO-2-(3-METHOXYPHENYL)-
UPDT:8412 CAS: 61001-30-7 MW: 276.36 MOLFM: C18-H16-N2-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:100 mg/kg (6-10D preg) EJMCA5 19,215,84
1T29 scu-ham TDLo:50 mg/kg (4-8D preg) EJMCA5 19,215,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR0128000 PYRAZOLO(5,1-a)ISOQUINOLINE, 5,6-DIHYDRO-2-PHENYL-
UPDT:8411 CAS: 61001-31-8 MW: 246.33 MOLFM: C17-H14-N2
SYN: 5,6-DIHYDRO-2-PHENYLPYRAZOLO(5,1-a)ISOQUINOLINE * 2-PHENYL-5,6-DIHYDROPYRAZOLO(5,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-rat TDLo:62500 ug/kg (6-10D preg) EJMCA5 17,223,82
1T29 scu-rat TDLo:100 mg/kg (6-10D preg) EJMCA5 19,215,84
1T25 scu-ham TDLo:15 mg/kg (4-8D preg) EJMCA5 17,223,82
1T29 scu-ham TDLo:17500 ug/kg (4-8D preg) EJMCA5 19,215,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR0135000 PYRAZOLO(5,1-a)ISOQUINOLINE, 2-(m-METHOXYPHENYL)-
UPDT:8412 MW: 274.34 MOLFM: C18-H14-N2-O
SYN: 2-(m-METHOXYPHENYL)-PYRAZOLO(5,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-rat TDLo:125 mg/kg (6-10D preg) EJMCA5 17,223,82
1T29 scu-rat TDLo:125 mg/kg (6-10D preg) EJMCA5 19,215,84
1T29 scu-ham TDLo:25 mg/kg (4-8D preg) EJMCA5 19,215,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR0140000 PYRAZOLO(5,1-a)ISOQUINOLINE, 2-PHENYL-
UPDT:8411 CAS: 61001-36-3 MW: 244.31 MOLFM: C17-H12-N2
SYN: 2-PHENYL-PYRAZOLO(5,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-rat TDLo:25 mg/kg (6-10D preg) EJMCA5 17,223,82
1T29 scu-rat TDLo:25 mg/kg (6-10D preg) EJMCA5 19,215,84
1T25 scu-ham TDLo:5 mg/kg (4-8D preg) EJMCA5 17,223,82
1T29 scu-ham TDLo:5 mg/kg (4-8D preg) EJMCA5 19,215,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRAZOL-5-OL, 1-ISOPROPYL-3-METHYL-, DIMETHYLCARBAMATE see: FA2100000

PYRAZOL-5-OL, 3-METHYL-1-PHENYL-, DIMETHYL CARBAMATE (ESTER) see: FA2450000

UR0370000 3H-PYRAZOL-3-ONE, 5-AMINO-2-(1-(3,4-DICHLOROPHENYL)ETHYL)-2,4-DIHYDRO-
UPDT:8405 CAS: 55294-15-0 MW: 272.15 MOLFM: C11-H11-Cl2-N3-O
SYN: 3-AMINO-1-(3,4-DICHLORO-alpha-METHYLBENZYL)-2-PYRAZOLIN-5-ONE * 5-AMINO-2-(1-(3,4-DICHLOROPHENYL)-ETHYL)-2,4-DIHYDRO-3H-PYRAZOL-3-ONE * BAY G 2821 * EDRUL * 3H-PYRAZOL-3-ONE, 2,4-DIHYDRO-5-AMINO-2-(1-(3,4-DICHLOROPHENYL)ETHYL)- * LUTROL * MUZOLIMINE
TOXICITY DATA AND REFERENCES:
3F07J20M10 orl-rat LD50:1559 mg/kg CMROCX 4,716,77
3F17F23J24 ivn-rat LD50:221 mg/kg CLNHBI 19(Suppl 1),20,83
3F07J20M10 orl-mus LD50:1794 mg/kg CMROCX 4,716,77
3F17F23J24 ivn-mus LD50:310 mg/kg CLNHBI 19(Suppl 1),20,83

2F16M10 orl-dog LD50:2000 mg/kg CMROCX 4,716,77
3F07J20M10 orl-rbt LD50:1250 mg/kg CMROCX 4,716,77

3H-PYRAZOL-3-ONE, 4-AMINO-1,2-DIHYDRO-1,5-DIMETHYL-2-PHENYL- see: CD2480000
3H-PYRAZOL-3-ONE, 2,4-DIHYDRO-5-AMINO-2-(1-(3,4-DICHLOROPHENYL)ETHYL)- see: UR0370000
3H-PYRAZOL-3-ONE, 1,2-DIHYDRO-1,5-DIMETHYL-4-(METHYLAMINO)-2-PHENYL- see: CD2995850
3H-PYRAZOL-3-ONE, 1,2-DIHYDRO-1,5-DIMETHYL-4-((1-METHYLETHYL)AMINO)-2-PHENYL- (9CI) see: CD2975000
3H-PYRAZOL-3-ONE, 1,2-DIHYDRO-1,5-DIMETHYL-2-PHENYL- (9CI) see: CD2450000
3H-PYRAZOL-3-ONE, 4-(DIMETHYLAMINO)-1,2-DIHYDRO-1,5-DIMETHYL-2-PHENYL- (9CI) see: CD2625000

UR0500000 3H-PYRAZOL-3-ONE, 4-(DIMETHYLAMINO)-1,2-DIHYDRO-1,5-DIMETHYL-2-PHENYL-, compd. with 3-(2- METHOXYPHENOXY)-1,2-PROPANEDIOL (4:3)
UPDT:8408 CAS: 53193-36-5 MW: 379.96 MOLFM: C13-H17-N3-O .3/4C10-H14-O4
SYN: MYOSEDAN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1556 mg/kg OYYAA2 8,453,74
* ipr-mus LD50:524 mg/kg OYYAA2 8,453,74

5-PYRAZOLONE, 3-METHYL-1-PHENYL- see: UQ9625000

UR0717100 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-
UPDT:8408 MW: 134.16 MOLFM: C6-H6-N4
SYN: 7-AMINOPYRAZOLO(1,5-a)PYRIMIDINE
TOXICITY DATA AND REFERENCES:
3F29U26Y55 ipr-mus LD50:800 mg/kg YKKZAJ 83,745,63

UR0717200 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-2,3-DIMETHYL-
UPDT:8408 MW: 162.22 MOLFM: C8-H10-N4
SYN: 7-AMINO-2,3-DIMETHYLPYRAZOLO(1,5-a)PYRIMIDINE
TOXICITY DATA AND REFERENCES:
3F29U26Y55 ipr-mus LD50:660 mg/kg YKKZAJ 83,745,63

UR0717300 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-2,5-DIMETHYL-
UPDT:8408 MW: 162.22 MOLFM: C8-H10-N4
SYN: 7-AMINO-2,5-DIMETHYLPYRAZOLO(1,5-a)PYRIMIDINE
TOXICITY DATA AND REFERENCES:
3F29U26Y55 ipr-mus LD50:566 mg/kg YKKZAJ 83,745,63

UR0717400 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-2,6-DIMETHYL-
UPDT:8408 MW: 162.22 MOLFM: C8-H10-N4
SYN: 7-AMINO-2,6-DIMETHYLPYRAZOLO(1,5-a)PYRIMIDINE
TOXICITY DATA AND REFERENCES:
3F29U26Y55 ipr-mus LD50:633 mg/kg YKKZAJ 83,745,63

UR0717500 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-3,5-DIMETHYL-
UPDT:8408 MW: 162.22 MOLFM: C8-H10-N4
SYN: 7-AMINO-3,5-DIMETHYLPYRAZOLO(1,5-a)PYRIMIDINE
TOXICITY DATA AND REFERENCES:
3F29U26Y55 ipr-mus LD50:486 mg/kg YKKZAJ 83,745,63

UR0717600 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-3,6-DIMETHYL-
UPDT:8408 MW: 162.22 MOLFM: C8-H10-N4
SYN: 7-AMINO-3,6-DIMETHYLPYRAZOLO(1,5-a)PYRIMIDINE
TOXICITY DATA AND REFERENCES:
3F29U26Y55 ipr-mus LD50:259 mg/kg YKKZAJ 83,745,63

UR0717700 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-5,6-DIMETHYL-
UPDT:8408 MW: 162.22 MOLFM: C8-H10-N4
SYN: 7-AMINO-5,6-DIMETHYLPYRAZOLO(1,5-a)PYRIMIDINE
TOXICITY DATA AND REFERENCES:
3F29U26Y55 ipr-mus LD50:355 mg/kg YKKZAJ 83,745,63

UR0718200 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-2-METHYL-
UPDT:8408 MW: 148.19 MOLFM: C7-H8-N4
SYN: 7-AMINO-2-METHYLPYRAZOLO(1,5-a)PYRIMIDINE
TOXICITY DATA AND REFERENCES:
3F29U26Y55 ipr-mus LD50:530 mg/kg YKKZAJ 83,745,63

UR0718300 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-3-METHYL-
UPDT:8408 MW: 148.19 MOLFM: C7-H8-N4
SYN: 7-AMINO-3-METHYLPYRAZOLO(1,5-a)PYRIMIDINE
TOXICITY DATA AND REFERENCES:
3F29U26Y55 ipr-mus LD50:626 mg/kg YKKZAJ 83,745,63

UR0718400 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-6-METHYL-
UPDT:8408 MW: 148.19 MOLFM: C7-H8-N4
SYN: 7-AMINO-6-METHYLPYRAZOLO(1,5-a)PYRIMIDINE
TOXICITY DATA AND REFERENCES:
3F29U26Y55 ipr-mus LD50:650 mg/kg YKKZAJ 83,745,63

UR0719100 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-2,3,5,6-TETRAMETHYL-
UPDT:8408 MW: 190.28 MOLFM: C10-H14-N4
SYN: 7-AMINO-2,3,5,6-TETRAMETHYLPYRAZOLO(1,5-a)PYRIMIDINE
TOXICITY DATA AND REFERENCES:
3F29U26Y55 ipr-mus LD50:267 mg/kg YKKZAJ 83,745,63

UR0719200 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-2,3,5-TRIMETHYL-
UPDT:8408 MW: 176.25 MOLFM: C9-H12-N4
SYN: 7-AMINO-2,3,5-TRIMETHYLPYRAZOLO(1,5-a)PYRIMIDINE
TOXICITY DATA AND REFERENCES:
3F29U26Y55 ipr-mus LD50:400 mg/kg YKKZAJ 83,745,63

UR0719300 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-2,3,6-TRIMETHYL-
UPDT:8408 MW: 176.25 MOLFM: C9-H12-N4
SYN: 7-AMINO-2,3,6-TRIMETHYLPYRAZOLO(1,5-a)PYRIMIDINE
TOXICITY DATA AND REFERENCES:
3F29U26Y55 ipr-mus LD50:408 mg/kg YKKZAJ 83,745,63

UR0719400 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-2,5,6-TRIMETHYL-
UPDT:8408 MW: 176.25 MOLFM: C9-H12-N4
SYN: 7-AMINO-2,5,6-TRIMETHYLPYRAZOLO(1,5-a)PYRIMIDINE
TOXICITY DATA AND REFERENCES:
3F29U26Y55 ipr-mus LD50:128 mg/kg YKKZAJ 83,745,63

UR0719500 PYRAZOLO(1,5-a)PYRIMIDINE, 7-AMINO-3,5,6-TRIMETHYL-
UPDT:8408 MW: 176.25 MOLFM: C9-H12-N4
SYN: 7-AMINO-3,5,6-TRIMETHYLPYRAZOLO(1,5-a)PYRIMIDINE
TOXICITY DATA AND REFERENCES:
3F29U26Y55 ipr-mus LD50:145 mg/kg YKKZAJ 83,745,63

PYRAZOLO-(1,5a)PYRIMIDINE, 2-(0,0-DIETHYL-THIONOPHOSPHORYL)-5-METHYL-6-ETHOXYCARBONYL- see: TF2035000

UR0785000 H-PYRAZOLO(3,4-d)PYRIMIDIN-4-OL
UPDT:8403 CAS: 315-30-0 MW: 136.13 MOLFM: C5-H4-N4-O
SYN: ADENOCK * AL-100 * ALLOPURINOL * ALLOZYM * ALLURAL * ALOSITOL * ALULINE * ANOPROLIN * ANZIEF * APURIN * APUROL * BLEMINOL * BLOXANTH * BW 56-158 * CAPLENAL * CELLIDRIN * DABROSIN * EMBARIN * EPIDROPAL * 1,5-DIHYDRO-4H-PYRAZOLO(3,4-d)PYRIMIDIN-4-ONE * FOLIGAN * GICHTEX * HPP * 4'-HYDROXYPYRAZOLOL(3,4-d)PYRIMIDINE * 4-HYDROXYPYRAZOLOPYRIMIDINE * 4-HYDROXY-1H-PYRAZOLO(3,4-d)PYRIMIDINE * 4-HYDROXY-3,4-PYRAZOLOPYRIMIDINE * 4-HYDROXYPYRAZOLO(3,4-d)PYRIMIDINE * 4-HYDROXYPYRAZOLYL(3,4-d)PYRIMIDINE * KETANRIFT * KETOBUN-A * LOPURIN * LYSURON * MINIPLANOR * MONARCH * NEKTROHAN * NSC-1390 * 4H-PYRAZOLO(3,4-d)PYRIMIDIN-4-ONE * REMID * RIBALL * SUSPENDOL * TAKANARUMIN * URBOL * URICEMIL * URITAS * UROBENYL * UROSIN * XANTURAT * ZYLOPRIM * ZYLORIC
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T43T46 ipr-mus TDLo:50 mg/kg (10D preg) JJPAAZ 22,201,72
1T35 ipr-mus TDLo:100 mg/kg (10D preg) JJPAAZ 22,201,72
TOXICITY DATA AND REFERENCES:
orl-wmn LDLo:370 mg/kg ARHEAW 15,413,72
3L01U01U25 orl-man TDLo:130 mg/kg/30D-I GASTAB 62,101,72
* ipr-rat LD50:900 mg/kg ADTEAS 3,181,68
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: INTEAG 15(1),7,74; ARVPAX 5,447,65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4H-PYRAZOLO(3,4-d)PYRIMIDIN-4-ONE see: UR0785000

UR0793000 1H-PYRAZOLO(4,3-d)PYRIMIDIN-7(6H)-ONE, 6-(2,4-DICHLOROANILINO)-3-METHYL-
UPDT:8407 MW: 310.16 MOLFM: C12-H9-Cl2-N5-O
SYN: 6-(2,4-DICHLOROANILINO)-3-METHYL-1H-PYRAZOLO(4,3-d)PYRIMIDIN-7(6H)-ONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg FRPSAX 38,508,83

UR0801000 PYRAZOLO(1,5-a)PYRIMIDIN-7(4H)-ONE, 4-ETHYL-2-PHENYL-
UPDT:8402 CAS: 86969-15-5 MW: 239.30 MOLFM: C14-H13-N3-O
SYN: 4,7-DIHYDRO-4-ETHYL-2-PHENYL-PYRAZOLO(1,5-a)PYRIMIDIN-7-ONE * 4-ETHYL-2-PHENYL-PYRAZOLO(1,5-a)PYRIMIDIN-7(4H)-ONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:271 mg/kg JMCMAR 26,1706,83

UR0802000 1H-PYRAZOLO(4,3-d)PYRIMIDIN-7(6H)-ONE, 6-ISOPENTYL-3-METHYL-
UPDT:8311 MW: 220.31 MOLFM: C11-H16-N4-O
SYN: 6-ISOPENTYL-3-METHYL-1H-PYRAZOLO(4,3-d)PYRIMIDIN-7(6H)-ONE
TOXICITY DATA AND REFERENCES:
2F29Y55 orl-mus LD50:1000 mg/kg FRPSAX 38,369,83

UR0805000 1H-PYRAZOLO(4,3-d)PYRIMIDIN-7(6H)-ONE, 3-METHYL-6-(alpha-METHYLBENZYL)-
UPDT:8311 MW: 254.32 MOLFM: C14-H14-N4-O
SYN: 3-METHYL-6-(alpha-METHYLBENZYL)-1H-PYRAZOLO(4,3-d)PYRIMIDIN-7(6H)-ONE
TOXICITY DATA AND REFERENCES:
3F29U26Y55 orl-mus LD50:1000 mg/kg FRPSAX 38,369,83

UR0807000 PYRAZOLO(1,5-a)PYRIMIDIN-7(4H)-ONE, 4-METHYL-2-PHENYL-
UPDT:8402 CAS: 77494-10-1 MW: 225.27 MOLFM: C13-H11-N3-O
SYN: 4,7-DIHYDRO-4-METHYL-2-PHENYLPYRAZOLO(1,5-a)PYRIMIDIN-7-ONE * 4-METHYL-2-PHENYL-PYRAZOLO(1,5-a)PYRIMIDIN-7(4H)-ONE
TOXICITY DATA AND REFERENCES:
1K06 ipr-mus LD50:127 mg/kg JMCMAR 26,1706,83

UR0807100 PYRAZOLO(1,5-a)QUINOLINE, 2-(m-(BENZYLOXY)PHENYL)-
UPDT:8412 MW: 352.46 MOLFM: C24-H20-N2-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:100 mg/kg (6-10D preg) EJMCA5 19,215,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR0807200 PYRAZOLO(1,5-a)QUINOLINE, 4,5-DIHYDRO-2-(3-ETHOXYPHENYL)-
UPDT:8412 MW: 290.39 MOLFM: C19-H18-N2-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:27500 ug/kg (6-10D preg) EJMCA5 19,215,84
1T29 scu-ham TDLo:15 mg/kg (4-8D preg) EJMCA5 19,215,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR0807300 PYRAZOLO(1,5-a)QUINOLINE, 4,5-DIHYDRO-2-(3-METHOXYPHENYL)-
UPDT:8412 MW: 276.36 MOLFM: C18-H16-N2-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:25 mg/kg (6-10D preg) EJMCA5 19,215,84
1T29 scu-ham TDLo:7500 ug/kg (4-8D preg) EJMCA5 19,215,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR0807400 PYRAZOLO(1,5-a)QUINOLINE, 4,5-DIHYDRO-2-PHENYL-
UPDT:8412 MW: 246.33 MOLFM: C17-H14-N2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:25 mg/kg (6-10D preg) EJMCA5 19,215,84
1T29 scu-ham TDLo:27500 ug/kg (4-8D preg) EJMCA5 19,215,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR0807500 PYRAZOLO(1,5-a)QUINOLINE, 4,5-DIHYDRO-2-(3-PROPOXYPHENYL)-
UPDT:8412 MW: 304.42 MOLFM: C20-H20-N2-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:35 mg/kg (6-10D preg) EJMCA5 19,215,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR0807600 PYRAZOLO(1,5-a)QUINOLINE, 2-(3-METHOXYPHENYL)-
UPDT:8412 MW: 274.34 MOLFM: C18-H14-N2-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:35 mg/kg (6-10D preg) EJMCA5 19,215,84
1T29 scu-ham TDLo:4500 ug/kg (4-8D preg) EJMCA5 19,215,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR0808000 1H-PYRAZOLO(3,4-g)QUINOLINE, 4,4a,5,6,7,8,8a,9-OCTAHYDRO-5-PROPYL-, DIHYDROCHLORIDE, (E)-, (+-)-
UPDT:8406 CAS: 74196-92-2 MW: 292.29 MOLFM: C13-H21-N3 .2Cl-H
SYN: trans-(+-)-5-PROPYL-4,4a,5,6,7,8,8a,9-OCTAHYDRO-1H-PYRAZOLO(3,4-g)QUINOLINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:800 mg/kg JMCMAR 26,1112,83

UR0809000 PYRAZOLO(1,5-a)QUINOLINE, 2-PHENYL-
UPDT:8412 MW: 244.31 MOLFM: C17-H12-N2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:9 mg/kg (6-10D preg) EJMCA5 19,215,84
1T29 scu-ham TDLo:11 mg/kg (4-8D preg) EJMCA5 19,215,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRAZON see: UR6125000
PYRAZON plus CHLORBUFAN see: UR6135000
PYRAZONE see: UR6125000
PYRAZONL see: UR6125000
PYRAZOPHOS see: TF2035000
PYRAZOPHYL see: CD2450000
PYRAZOTHION see: TF3675000
PYRBENINE see: UY4330000
PYRBUTEROL HYROCHLORIDE see: US9105000
PYRCON see: VC3543500
PYREAZID see: NS1750000
PYREDAL see: US7875000
PYREMETHAMINE see: UV8140000
PYREN (German) see: UR2450000

UR2275000 1-PYRENAMINE
UPDT:8403 CAS: 1606-67-3 MW: 217.28 MOLFM: C16-H11-N
SYN: 1-AMINOPYRENE * 3-AMINOPYRENE
MUTATION DATA AND REFERENCES:
mmo-sat 5 ug/plate AEMIDF 42,641,81

mma-sat 5 ug/plate JJIND8 71,293,83
dnd-esc 10 umol/L PNCCA2 5,39,65
mma-ham:ovr 2 mg/L JTEHD6 10,373,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1070 mg/kg AIHAAP 30,470,69
ipr-mus LD50:250 mg/kg AIPTAK 135,376,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

UR2450000 PYRENE
UPDT:8411 CAS: 129-00-0 MW: 202.26 MOLFM: C16-H10
SYN: BENZO(def)PHENANTHRENE * PYREN (German) * beta-PYRINE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,26,72
MUTATION DATA AND REFERENCES:
mmo-sat 5 ug/plate DTESD7 2,249,77
mma-sat 5 ug/plate PMRSDJ 1,302,81
mma-esc 1 ug/plate PMRSDJ 1,387,81
dnd-esc 10 umol/L PNCCA2 5,39,65
dnd-nml 8600 nmol/L GANMAX 6,49,68
dnd-sal:spr 3 gm/L BIPMAA 5,477,67
dnd-sal:tes 5 ug/1H-C BIJOAK 110,159,68
dns-hmn:fbr 100 mg/L TXCYAC 21,151,81
msc-hmn:oth 12 umol/L MUREAV 130,127,84
dns-rat:lvr 250 nmol/L CNREA8 42,3010,82
msc-rat:emb 10 mg/L JTEHD6 4,79,78
otr-ham:emb 10 mg/L CNREA8 31,1118,71
otr-ham:kdy 62500 ug/L PMRSDJ 1,626,81
dns-ham:lvr 100 umol/L ENMUDM 5,1,83
cyt-ham:emb 10 mg/L CNREA8 31,1118,71
dnd-mam:lym 100 umol BIPMAA 9,689,70
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:10 gm/kg/3W-I BJCAAI 10,363,56
TOXICITY DATA AND REFERENCES:
3D25F13F23 orl-rat LD50:2700 mg/kg GTPZAB 15(2),59,71
3D25F13F23 ihl-rat LC50:170 mg/m3 GTPZAB 15(2),59,71
3D25F13F23 orl-mus LD50:800 mg/kg GTPZAB 15(2),59,71
* ipr-mus LD50:514 mg/kg PMRSDJ 1,682,81
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL NEGATIVE IARC** 32,431,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR2450500 PYRENE, 1-CHLORO-
UPDT:8406 CAS: 34244-14-9 MW: 236.70 MOLFM: C16-H9-Cl
SYN: 1-CHLOROPYRENE * 3-CHLOROPYRENE
MUTATION DATA AND REFERENCES:
mma-sat 10 nmol/plate MUREAV 135,21,84

UR2451000 1,6-PYRENEDIAMINE
UPDT:8311 CAS: 14923-84-3 MW: 232.30 MOLFM: C16-H12-N2
SYN: 1,6-DIAMINOPYRENE
MUTATION DATA AND REFERENCES:
mma-sat 1600 ng/plate CRNGDP 4,787,83

UR2451200 PYRENE, 1,3-DICHLORO-
UPDT:8406 MW: 271.14 MOLFM: C16-H8-Cl2
SYN: 1,3-DICHLOROPYRENE
MUTATION DATA AND REFERENCES:
mma-sat 3330 umol/plate MUREAV 135,21,84

UR2451300 PYRENE, 1,6-DICHLORO-
UPDT:8406 MW: 271.14 MOLFM: C16-H8-Cl2
SYN: 1,6-DICHLOROPYRENE
MUTATION DATA AND REFERENCES:
mma-sat 3330 umol/plate MUREAV 135,21,84

UR2451400 PYRENE, 1,8-DICHLORO-
UPDT:8406 MW: 271.14 MOLFM: C16-H8-Cl2
SYN: 1,8-DICHLOROPYRENE
MUTATION DATA AND REFERENCES:
mma-sat 3330 umol/plate MUREAV 135,21,84

UR2454000 PYRENE, 1,3-DINITRO-
UPDT:8408 MW: 292.26 MOLFM: C16-H8-N2-O4
SYN: 1,3-DINITROPYRENE
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate SCIEAS 209,1039,80
msc-ham:lng 2500 ug/L CRNGDP 3,917,82
msc-ham:ovr 500 ug/L MUREAV 119,387,83
TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-rat TDLo:16 mg/kg/10W-I CRNGDP 5,583,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR2455000 PYRENE, 1,6-DINITRO-
UPDT:8402 CAS: 42397-64-8 MW: 292.26 MOLFM: C16-H8-N2-O4
SYN: 1,6-DINITROPYRENE
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate SCIEAS 209,1039,80
mma-sat 1 ug/plate MUREAV 91,321,81
mma-smc 2900 ng/L PCBRD2 109,249,82
mrc-smc 1400 ng/L PCBRD2 109,249,82
dns-hmn:lvr 80 nmol/L ENMUDM 5,488,83
dns-rat:lvr 80 nmol/L ENMUDM 5,488,83
dns-rat:oth 80 nmol/L ENMUDM 5,489,83
cyt-rat:lvr 1250 mg/L PCBRD2 109,249,82
msc-ham:lng 2500 ug/L CRNGDP 3,917,82
msc-ham:ovr 500 ug/L MUREAV 119,387,83

UR2456000 PYRENE, 1,8-DINITRO-
UPDT:8412 CAS: 42397-65-9 MW: 292.26 MOLFM: C16-H8-N2-O4
SYN: 1,8-DINITROPYRENE
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate SCIEAS 209,1039,80
mma-sat 1 ug/plate MUREAV 91,321,81
dnd-sat 2 ug/L ENMUDM 5,457,83
mma-smc 2900 ng/L PCBRD2 109,249,82
mrc-smc 1400 ng/L PCBRD2 109,249,82
msc-hmn:lym 100 ug/L ENMUDM 5,457,83
dnd-rat:lvr 20 umol/L PAACA3 25,110,84
cyt-rat:lvr 1250 mg/L PCBRD2 109,249,82
msc-mus:lym 500 ug/L EVSRBT 25,397,82
otr-ham:emb 1700 nmol/L CRNGDP 4,357,83
sce-ham:ovr 1 umol/L ENMUDM 4,1,82
msc-ham:lng 2500 ug/L CRNGDP 3,917,82
msc-ham:ovr 200 ug/L MUREAV 119,387,83
TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-rat TDLo:16 mg/kg/10W-I CRNGDP 5,583,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRENE, 1-EPOXYETHYL- see: RR0877000

UR2480000 PYRENE, 1-NITRO-
UPDT:8412 CAS: 5522-43-0 MW: 247.26 MOLFM: C16-H9-N-O2
SYN: 1-NITROPYRENE * 3-NITROPYRENE
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate SCIEAS 209,1039,80
mma-sat 500 ng/plate MUREAV 91,321,81
dnd-sat 26 umol/L CNREA8 43,2052,83
otr-hmn:fbr 3 umol/L CRNGDP 4,353,83
dnd-rat:lvr 200 umol/L PAACA3 25,110,84
dns-rat:lvr 500 nmol/L ENMUDM 6,1,84
dns-rat:oth 10 umol/L CRNGDP 5,773,84
sce-rat-orl 5 gm/kg JTEHD6 10,373,82
dnd-mus:lvr 200 umol/L PAACA3 25,110,84
mma-ham:ovr 2 mg/L JTEHD6 10,373,82
otr-ham:emb 4100 nmol/L CRNGDP 4,357,83
sce-ham:ovr 3 umol/L ENMUDM 4,1,82
msc-ham:ovr 2 mg/L JTEHD6 10,373,82
dnd-mam:lym 20 umol/L PAACA3 24,81,83
dnd-rbt:oth 8100 nmol/L CALEDQ 19,241,83
dnd-rbt:oth 8100 nmol/L CALEDQ 19,241,83
dnd-rbt:lng 8100 nmol/L CALEDQ 19,241,83
TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-rat TDLo:160 mg/kg/10W-I CALEDQ 15,1,82
2V02J60 ipr-mus TDLo:1780 mg/kg PAACA3 25,122,84
3V01R60V10 scu-rat TD :198 mg/kg/8W-I CNREA8 44,1158,84
3V03R60V10 scu-rat TD :99 mg/kg/8W-I CNREA8 44,1158,84
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR2490000 PYRENE, 1-NITROSO-
UPDT:8403 MW: 241.36 MOLFM: C16-H19-N-O
SYN: 1-NITROSOPYRENE
MUTATION DATA AND REFERENCES:
mmo-sat 500 ng/plate CNREA8 43,3132,83
mma-sat 2500 ng/plate CNREA8 43,3132,83

UR2560000 PYRENE, 1,3,6-TRINITRO-
UPDT:8402 MW: 337.26 MOLFM: C16-H7-N3-O6
SYN: 1,3,6-TRINITROPYRENE
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate CRNGDP 3,917,82
msc-ham:lng 2500 ug/L CRNGDP 3,917,82
msc-ham:ovr 200 ug/L MUREAV 119,387,83

PYRENOLINE see: SF6125000

UR2900000 PYREN-3-OL, 1-NITRO-
UPDT:8403 MW: 263.26 MOLFM: C16-H9-N-O3
SYN: 1-NITROPYREN-3-OL
MUTATION DATA AND REFERENCES:
mmo-sat 500 ng/plate CNREA8 43,3132,83
mma-sat 2500 ng/plate CNREA8 43,3132,83

UR2920000 PYREN-6-OL, 1-NITRO-
UPDT:8403 MW: 263.26 MOLFM: C16-H9-N-O3
SYN: 1-NITROPYREN-6-OL
MUTATION DATA AND REFERENCES:
mmo-sat 500 ng/plate CNREA8 43,3132,83
mma-sat 2500 ng/plate CNREA8 43,3132,83

PYRENONE 606 see: XS8050000
N-PYREN-2-YLACETAMIDE see: AC7840000
1-PYRENYLOXIRANE see: RR0877000
PYREQUAN TARTRATE see: UW0249000
PYRESIN see: GZ1925000
PYRESYN see: GZ1925000
PYRETHERM see: GZ1310000
PYRETHIA see: SO6825000
PYRETHIAZINE see: SO6825000 PHENOTHIAZINE, 10-(2-DIMETHYLAMINOPROPYL)-
PYRETHRIN see: GZ0700000
PYRETHRIN I see: GZ1725000
PYRETHRIN II see: GZ0700000
PYRETHRIN I or II see: UR4200000
PYRETHRINS see: UR4200000

UR3690000 PYRETHRINS (NATURAL)
DEF:Consists of a mixture of PYRETHRIN I and II, CINERIN I and II, JASMOLIN I and II(PCBPBS 2,301,72)
UPDT:8406
TOXICITY DATA AND REFERENCES:
3F07F11F12 orl-rat LD50:900 mg/kg PCBPBS 2,301,72
3F07F11F12 ivn-rat LDLo:5 mg/kg PCBPBS 2,301,72

PYRETHROLONE, CHRYSANTHEMUM DICARBOXLIC ACID METHYL ESTER ESTER see: GZ0700000
PYRETHROLONE, CHRYSANTHEMUM MONOCARBOXYLIC ACID ESTER see: GZ1725000
PYRETHROLONE ESTER OF CHRSANTHEMUMDICARBOXYLIC ACID MONOMETHYL ESTER see: GZ0700000
(+)-**PYRETHRONYL** (+)-**trans-CHRYSANTHEMATE** see: GZ1725000
(+)-**PYRETHRONYL** (+)-**PYRETHRATE** see: GZ0700000

UR4200000 PYRETHRUM
UPDT:8404 CAS: 8003-34-7
SYN: BUHACH * CHRYSANTHEMUM CINERAREAEFOLIUM * CINERIN I or II * DALMATION INSECT FLOWERS * FIRMOTOX * INSECT POWDER * JASMOLIN I or II * PYRETHRIN I or II * PYRETHRINS * PYRETHRUM (INSECTICIDE) * TRIESTE FLOWERS
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:500 mg/kg (6-15D preg) JTEHD6 10,111,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:200 mg/kg GUCHAZ 6,442,73
orl-mus LD50:370 mg/kg EVHPAZ 14,15,76
* orl-mam LD50:250 mg/kg AMIHAB 14,178,56
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg/m3; STEL 10 mg/m3 DTLVS* 4,352,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg/m3 (SCP-U) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 S298
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRETHRUM (INSECTICIDE) see: UR4200000
PYRETRIN II see: GZ0700000
PYRIBENZAMINE see: US2800000

PYRIBENZAMINE HYDROCHLORIDE see: US3150000
PYRIBENZAMINE MONOHYDROCHLORIDE see: US3150000
PYRICARDYL see: QS4375000
PYRICIDIN see: NS1750000
PYRICLOR see: UU7780000
PYRIDACIL see: US7700000
PYRIDACIL see: US7875000
PYRIDAFENTHION see: TF2275000
PYRIDAMAL-100 see: US6475000
PYRIDAPHENTHION see: TF2275000

UR5620000 1(6H)-PYRIDAZINEACETAMIDE, N-METHYL-N-alpha-METHYLPHENETHYL-6-OXO-3-(p-TOLYL)-, L-
UPDT:8407 CAS: 55902-09-5 MW: 375.51 MOLFM: C23-H25-N3-O2
SYN: L-N-METHYL-N-alpha-METHYLPHENETHYL-6-OXO-3-(p-TOLYL)-1(6H)-PYRIDAZINEACETAMIDE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:618 mg/kg EJMCA5 9,644,74

UR5700000 1-PYRIDAZINEACETIC ACID, 1,6-DIHYDRO-5-CYANO-3,4-DIPHENYL-6-OXO-, ETHYL ESTER
UPDT:8408 MW: 359.41 MOLFM: C21-H17-N3-O3
SYN: DS-29399 * ETHYL 5-CYANO-6-OXO-3,4-DIPHENYL-1(6H)-PYRIDAZINEACETATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T03 orl-dog TDLo:15 mg/kg (30D male) TOXID9 4,18,84
1T02 orl-dog TDLo:300 mg/kg (30D male) TOXID9 4,18,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR5880000 1,2-PYRIDAZINEDICARBOXIMIDE, TETRAHYDRO-4-(BROMOMERCURI)-5-METHOXY-
UPDT:8303 MW: 464.70 MOLFM: C7-H10-Br-Hg-N3-O3
SYN: 3-BROMOMERCURI-4-METHOXY-1,6,8-TRIAZABICYCLO(4.3.0)NONANE-7,9-DIONE * TETRAHYDRO-4-(BROMOMERCURI)-5-METHOXY-1,2-PYRIDAZINEDICARBOXIMIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:4000 mg/kg AIPTAK 143,181,63

UR5885000 1,2-PYRIDAZINEDICARBOXIMIDE, TETRAHYDRO-4-(CHLOROMERCURI)-5-METHOXY-N-METHYL-
UPDT:8303 MW: 434.27 MOLFM: C8-H12-Cl-Hg-N3-O3
SYN: 3-CHLOROMERCURI-4-METHOXY-8-METHYL-1,6,8-TRIAZABICYCLO(4.3.0)NONANE-7,9-DIONE * TETRAHYDRO-4-(CHLOROMERCURI)-5-METHOXY-N-METHYL-1,2-PYRIDAZINEDICARBOXIMIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2230 mg/kg AIPTAK 143,181,63

UR5950000 3,6-PYRIDAZINEDIONE, 1,2-DIHYDRO-
UPDT:8412 CAS: 123-33-1 MW: 112.10 MOLFM: C4-H4-N2-O2
SYN: BURTOLIN * CHEMFORM * DE-CUT * DE-SPROUT * 1,2-DIHYDROPYRIDAZINE-3,6-DIONE * 1,2-DIHYDRO-3,6-PYRADIZINEDIONE * 1,2-DIHYDRO-3,6-PYRIDAZINEDIONE * DREXEL-SUPER P * ENT 18,870 * FAIR 30 * FAIR PS * 6-HYDROXY-3(2H)-PYRIDAZINONE * KMH * MAH * MAINTAIN 3 * MALAZIDE * MALEIC ACID HYDRAZIDE * MALEIC HYDRAZIDE * MALEIC HYDRAZIDE 30% * MALEIC HYDRAZINE * MALEIN 30 * N,N-MALEOYLHYDRAZINE * MH * MH 30 * MH-40 * MH 36 BAYER * RCRA WASTE NUMBER U148 * REGULOX * REGULOX W * REGULOX 50 W * RETARD * ROYAL MH-30 * ROYAL SLO-GRO * SLO-GRO * SPROUT/OFF * SPROUT-STOP * STUNTMAN * SUCKER-STUFF * SUPER-DE-SPROUT * SUPER SPROUT STOP * SUPER SUCKER-STUFF * SUPER SUCKER-STUFF HC * 1,2,3,6-TETRAHYDRO-3,6-DIOXOPYRIDAZINE * VONDALHYDE * VONDRAX
MUTATION DATA AND REFERENCES:
mma-sat 50 uL/plate MUREAV 66,247,79
dns-esc 30 umol/L ZKKOBW 92,177,78
mmo-bcs 1 nmol/plate MSERDS 5,93,81
oms-omi 1 mmol/L IJEBA6 13,387,75
cyt-dmg-orl 5000 ppm CARYAB 31,1,78
sln-dmg-orl 4000 ppm MUREAV 55,15,78
sln-dmg-par 4000 ppm NATUAS 207,439,65
cyt-grh-orl 5 mg CYTOAN 37,345,72
sce-hmn:lym 4 mmol/L MUREAV 119,371,83
cyt-mus-ipr 5000 ppm CISCB7 20,28,76
msc-mus:lym 16 mmol/L MUREAV 91,359,81
cyt-ham:lng 1 gm/L MUREAV 67,249,79
sce-ham:lng 4 mmol/L MUREAV 119,371,83
sce-ham:ovr 5 mmol/L MUREAV 124,145,83
TUMORIGENIC DATA AND REFERENCES:
3V03L60V10 scu-rat TDLo:2600 mg/kg/65W-I BJCAAI 19,392,65
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3800 mg/kg WRPCA2 9,119,70
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 4,173,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR6000000 3,6-PYRIDAZINEDIONE, 1,2-DIHYDRO-, compd. with 2,2'-IMINODIETHANOL (1:1)
UPDT:8402 CAS: 5716-15-4 MW: 217.26 MOLFM: C4-H11-N-O2 .C4-H4-N2-O2
SYN: DIETHANOLAMMONIUM MALEIC HYDRAZIDE * ETHANOL, 2,2'-IMINODI-, compd. with 1,2-DIHYDRO-3,6-PYRIDAZINEDIONE (1:1) * 6-HYDROXY-3-(2H)-PYRIDAZINONE DIETHANOLAMINE * MALEIC HYDRAZIDE DIETHANOLAMINE SALT * MH-30 * NCI-C54660
MUTATION DATA AND REFERENCES:
mma-sat 50 uL/plate MUREAV 66,247,79
cyt-ham:lng 20 gm/L MUREAV 67,249,79
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:1300 mg/kg/65W-I TXCYAC 1,301,73
1V03 scu-rat TD :1350 mg/kg/60W-I NATUAS 180,62,57
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2340 mg/kg PCOC** -,673,66
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR6005000 3,6-PYRIDAZINEDIONE, 1,2-DIHYDRO-, MONOPOTASSIUM SALT
UPDT:8308 CAS: 28382-15-2 MW: 151.20 MOLFM: C4-H4-N2-O2 .K
SYN: 1,2-DIHYDRO-3,6-PYRIDAZINEDIONE MONOPOTASSIUM SALT * MALEIC HYDRAZIDE POTASSIUM SALT * POTASSIUM MALEIC HYDRAZIDE * ROYAL MH
MUTATION DATA AND REFERENCES:
cyt-ham:lng 20 gm/L MUREAV 67,249,79

UR6020000 3,6-PYRIDAZINEDIONE, 1,2-DIHYDRO-, SODIUM SALT
UPDT:8309 CAS: 28330-26-9 MW: 135.09 MOLFM: C4-H4-N2-O2 .Na
SYN: MALEIC HYDRAZIDE SODIUM SALT
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6950 mg/kg FMCHA2 -,C144,83

UR6066500 PYRIDAZINIUM, 4-AMINO-6-METHOXY-1-PHENYL-, METHYL SULFATE
UPDT:8403 CAS: 30578-37-1 MW: 313.36 MOLFM: C11-H12-N3-O .C-H3-O4-S
SYN: MEZINIUM METHYL SULFATE * AMEZINIUMMETILSULFAT (German) * AMEZINIUM METILSULFATE * 4-AMINO-6-METHOXY-1-PHENYLPYRIDAZINIUM-METHYLSULFAT (German) * 4-AMINO-6-METHOXY-1-PHENYLPYRIDAZINIUM METHYL SULFATE * LU 1631 * REGULTON
TOXICITY DATA AND REFERENCES:
3C08F11J22 orl-rat LD50:1410 mg/kg ARZNAD 31,1580,81
3F12F18J26 ivn-rat LD50:45 mg/kg ARZNAD 31,1580,81
3F12F17F19 orl-mus LD50:1630 mg/kg ARZNAD 31,1580,81
2F23J26 ivn-mus LD50:40 mg/kg ARZNAD 31,1580,81

UR6074470 10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZINE, 10-BENZYL-1-(4-METHYL-1-PIPERAZINYL)-7-NITRO-
UPDT:8402 CAS: 64610-73-7 MW: 373.50 MOLFM: C22-H23-N5-O
SYN: 10-BENZYL-1-(4-METHYL-1-PIPERAZINYL)-7-NITRO-10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZINE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:210 mg/kg KHFZAN 11(7),14,77

UR6075600 5H-PYRIDAZINO(3,4-b)(1,4)BENZOXAZINE, 3-CHLORO-8-(DIMETHYLAMINO)-5-(3-(DIMETHYLAMINO) PROPYL)-, METHYLIODIDE
UPDT:8407 MW: 489.83 MOLFM: C17-H22-Cl-N5-O .C-H3-I
SYN: 2-CHLORO-7-DIMETHYLAMINO-10-(3-DIMETHYLAMINOPROPYL)-3,4-DIAZAPHENOXAZINE METHIODIDE
TOXICITY DATA AND REFERENCES:
2F02F25 scu-mam LD50:1850 ug/kg PCJOAU 10,1051,76

UR6076300 10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZINE, 1-CHLORO-10-(3-(DIMETHYLAMINO)PROPYL)-7-NITRO-
UPDT:8402 CAS: 64610-52-2 MW: 349.81 MOLFM: C15-H16-Cl-N5-O3
SYN: 1-CHLORO-10-(3-(DIMETHYLAMINO)PROPYL)-7-NITRO-10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZINE * 10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZINE-10-PROPANAMINE, 1-CHLORO-N,N-DIMETHYL-7-NITRO-(10CI)
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:500 mg/kg KHFZAN 11(7),14,77

UR6076800 10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZINE, 7-CHLORO-10-METHYL-1-(4-METHYL-1-PIPERAZINYL)-
UPDT:8402 CAS: 64610-67-9 MW: 331.84 MOLFM: C16-H18-Cl-N5-O
SYN: 7-CHLORO-10-METHYL-1-(4-METHYL-1-PIPERAZINYL)-10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZINE * 1-(4-METHYLPIPERAZINYL-1)-7-CHLORO-10-METHYL-2,3-DIAZOPHENOXAZINE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:260 mg/kg PCJOAU 11,889,77

10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZINE, 1-(2-(DIETHYLAMINO)ETHOXY)-10-METHYL-7-NITRO- see: KH2335000

UR6078600 10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZINE, 10-(3-(DIMETHYLAMINO)PROPYL)-1-(4-METHYL-1- PIPERAZINYL)-7-NITRO-
UPDT:8402 CAS: 64610-74-8 MW: 412.54 MOLFM: C20-H27-N7-O3
TOXICITY DATA AND REFERENCES:
1F03 scu-mus LD50:500 mg/kg PCJOAU 11,889,77

UR6086000 10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZINE, 10-METHYL-1-(4-METHYL-1-PIPERAZINYL)-7-NITRO-
UPDT:8402 CAS: 64610-56-6 MW: 342.40 MOLFM: C16-H18-N6-O3
SYN: 10-METHYL-1-(4-METHYL-1-PIPERAZINYL)-7-NITRO-10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZINE
TOXICITY DATA AND REFERENCES:
1F03 scu-mus LD50:230 mg/kg PCJOAU 11,889,77

10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZINE-10-PROPANAMINE, 1-CHLORO-N,N-DIMETHYL-7-NITRO-(10CI) see: UR6076300

UR6102900 10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZINE-7-SULFONAMIDE, 1-(2-(DIETHYLAMINO)ETHOXY)- N,N,7-TRIMETHYL-
UPDT:8402 MW: 357.51 MOLFM: C19-H27-N5-O2
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1050 mg/kg KHFZAN 11(7),14,77

UR6104000 10H-PYRIDAZINO(4,5-b)(1,4)BENZOXAZINE-7-SULFONAMIDE, 1-(4-METHYL-1-PIPERAZINYL)-N,N,10- TRIMETHYL-
UPDT:8402 CAS: 64610-60-2 MW: 404.54 MOLFM: C18-H24-N6-O3-S
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1020 mg/kg PCJOAU 11,889,77

UR6114000 4H-PYRIDAZINO(4,5-b)INDOL-4-ONE, 3,5-DIHYDRO-, HYDRAZONE, TRIHYDROCHLORIDE
UPDT:8311 CAS: 70107-10-7 MW: 308.62 MOLFM: C10-H9-N5 .3Cl-H
SYN: 3,5-DIHYDRO-4H-PYRIDAZINO(4,5-b)INDOL-4-ONE HYDRAZONE TRIHYDROCHLORIDE * 4-HYDRAZINO-5H-PYRIDAZINO(4,5-b)INDOLE TRIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LD50:225 mg/kg EJMCA5 13,573,78

UR6125000 3(2H)-PYRIDAZINONE, 5-AMINO-4-CHLORO-2-PHENYL-
UPDT:8309 CAS: 1698-60-8 MW: 221.66 MOLFM: C10-H8-Cl-N3-O
SYN: 5-AMINO-4-CHLORO-2,3-DIHYDRO-3-OXO-2-PHENYLPYRIDAZINE * 5-AMINO-4-CHLORO-2-PHENYL-3(2H)-PYRIDAZINONE * BUREX (Czech) * CHLORIDAZON * 1-FENYL-4-AMINO-5-CHLOR-6-PYRIDAZINON (Czech) * HS-119-1 * PCA * PHENAZON * PHENOSANE * 1-PHENYL-4-AMINO-5-CHLOROPYRIDAZIN-6-ONE * 1-PHENYL-4-AMINO-5-CHLOROPYRIDAZ-6-ONE * 1-PHENYL-4-AMINO-5-CHLORO-6-PYRIDAZONE * 1-PHENYL-4-AMINO-5-CHLOROPYRIDAZONE-6 * 1-PHENYL-4-AMINO-5-CHLORPYRIDAZ-6-ONE * PYRAMIN * PYRAMINE * PYRAMIN RB * PYRAZON * PYRAZONE * PYRAZONL
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H SEV 28ZPAK -,151,72
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ivn-ham TDLo:175 mg/kg (8D preg) ANREAK 175,503,73
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2330 mg/kg 28ZPAK -,151,72
2F11F23 ipr-rat LD50:600 mg/kg GTPZAB 23(8),48,79
2F11F23 orl-mus LD50:1000 mg/kg GTPZAB 23(8),48,79
2F11F23 ipr-mus LD50:410 mg/kg GTPZAB 23(8),48,79
2F11F23 orl-rbt LD50:2000 mg/kg GTPZAB 23(8),48,79
2F11F23 orl-gpg LD50:760 mg/kg GTPZAB 23(8),48,79
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DTTIAF 80(20),485,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR6135000 3(2H)-PYRIDAZINONE, 5-AMINO-4-CHLORO-2-PHENYL-, mixed with 3-BUTYNYL-m-CHLOROCARBANILATE
UPDT:8309
SYN: ALICEP * 5-AMINO-4-CHLORO-2-PHENYL-3(2H)-PYRIDAZINONE mixed with BUTYNYL-3N-3-CHLOROPHENYLCARBAMATE * BUTYNYL-3N-3-CHLOROPHENYLCARBAMATE mixed with 5-AMINO-4-CHLORO-2-PHENYL-3(2H)-PYRIDAZINONE * PYRAZON plus CHLORBUFAN
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5900 mg/kg FMCHA2 -,C10,83

UR6141500 3(2H)-PYRIDAZINONE, 4-BUTOXY-2-METHYL-5-MORPHOLINO-
UPDT:8308 CAS: 39020-77-4 MW: 267.37 MOLFM: C13-H21-N3-O3
SYN: 4-BUTOXY-2-METHYL-5-MORPHOLINO-3(2H)-PYRIDAZINONE * M 75169
TOXICITY DATA AND REFERENCES:
3F12F17F25 ipr-mus LD50:440 mg/kg JJPAAZ 29,303,79

UR6330000 3(2H)-PYRIDAZINONE, 4,5-DIHYDRO-6-(p-AMINOPHENYL)-5-METHYL-
UPDT:8406 MW: 203.27 MOLFM: C11-H13-N3-O
SYN: 6-(4-AMINOPHENYL)-4,5-DIHYDRO-5-METHYL-3(2H)-PYRIDAZINONE * ICI-109081
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T11 ipr-mus TDLo:80 mg/kg (1D pre) JRPFA4 62,455,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR6360000 3(2H)-PYRIDAZINONE, 4,5-DIHYDRO-4-HYDROXY-6-(p-HYDROXYPHENYL)-4-METHYL-2-(2-MORPHOLINO ETHYL)-, HYDROCHLORIDE
UPDT:8407 CAS: 33048-53-2 MW: 369.89 MOLFM: C17-H23-N3-O4 .Cl-H
SYN: AG 253 * 4,5-DIHYDRO-4-HYDROXY-6-(p-HYDROXYPHENYL)-4-METHYL-2-MORPHOLINOETHYL-3(2H)-PYRIDAZONE HCl
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:930 mg/kg CHTPBA 6,109,71

UR6372000 3(2H)-PYRIDAZINONE, 4,5-DIHYDRO-6-(p-(1-IMIDAZOLYL)PHENYL)-, MONOHYDROCHLORIDE
UPDT:8409 MW: 276.75 MOLFM: C13-H12-N4-O .Cl-H
SYN: CI-914 * 4,5-DIHYDRO-6-(4-(1H-IMIDAZOL-1-YL)PHENYL)-3(2H)-PYRIDAZINONE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:125 mg/kg TOXID9 4,7,84
* ivn-rat LD50:98 mg/kg TOXID9 4,6,84
* orl-mus LD50:250 mg/kg TOXID9 4,7,84
* ivn-mus LD50:226 mg/kg TOXID9 4,6,84

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR6493200 3(2H)-PYRIDAZINONE, 4-ETHOXY-2-METHYL-5-MORPHOLINO-
UPDT:8409 CAS: 38957-41-4 MW: 239.31 MOLFM: C11-H17-N3-O3
SYN: EMORFAZONE * 4-ETHOXY-2-METHYL-5-MORPHOLINO-3(2H)-PYRIDAZINONE * 4-ETHOXY-2-METHYL-5-(4-MORPHOLINYL)-3(2H)-PYRIDAZINONE * M73101 * NANDRON
MUTATION DATA AND REFERENCES:
dlt-mus-orl 500 mg/kg IYKEDH 11,559,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T73 orl-rat TDLo:4200 mg/kg (9-15D preg) JTSCDR 3,69,78
1T81 orl-rat TDLo:700 mg/kg (9-15D preg) JTSCDR 3,69,78
1T73 orl-rat TDLo:16200 mg/kg (17-22D preg/21D post) OYYAA2 18,429,79
1T46 orl-rat TDLo:6750 mg/kg (17-22D preg/21D post) OYYAA2 18,429,79
1T34 orl-mus TDLo:5600 mg/kg (7-13D preg) JTSCDR 3,69,78
1T46 orl-mus TDLo:2800 mg/kg (7-13D preg) JTSCDR 3,69,78
1T24 orl-mus TDLo:500 mg/kg (1D male) IYKEDH 11,559,80
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1900 mg/kg IYKEDH 14,838,83
* ipr-rat LD50:600 mg/kg IYKEDH 14,838,83
3F17F19J25 scu-rat LD50:720 mg/kg OYYAA2 16,1011,78
* ivn-rat LD50:340 mg/kg IYKEDH 14,838,83
* orl-mus LD50:960 mg/kg IYKEDH 14,838,83
3F17F19J25 ipr-mus LD50:620 mg/kg OYYAA2 16,1011,78
* scu-mus LD50:750 mg/kg IYKEDH 14,838,83
* ivn-mus LD50:305 mg/kg IYKEDH 14,838,83
* orl-rbt LD50:840 mg/kg IYKEDH 14,838,83
* ivn-rbt LD50:230 mg/kg IYKEDH 14,838,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3(2H)-PYRIDAZINONE, 6-HYDROXY-2-PHENYL-, O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE see: TF2275000

UR6573500 3(2H)-PYRIDAZINONE, 4-METHOXY-2-METHYL-5-MORPHOLINO-
UPDT:8308 CAS: 39030-44-9 MW: 225.28 MOLFM: C10-H15-N3-O3
SYN: M 75167 * 4-METHOXY-2-METHYL-5-MORPHOLINO-3(2H)-PYRIDAZINONE
TOXICITY DATA AND REFERENCES:
3F12F17F25 ipr-mus LD50:600 mg/kg JJPAAZ 29,303,79

UR7432500 3(2H)-PYRIDAZINONE, 2-METHYL-5-MORPHOLINO-4-PENTOXY-
UPDT:8308 CAS: 69123-83-7 MW: 281.40 MOLFM: C14-H23-N3-O3
SYN: M 75198 * 2-METHYL-5-MORPHOLINO-4-PENTOXY-3(2H)-PYRIDAZINONE * 2-METHYL-5-MORPHOLINO-4-(PENTYLOXY)-3(2H)-PYRIDAZINONE
TOXICITY DATA AND REFERENCES:
3F12F17F25 ipr-mus LD50:420 mg/kg JJPAAZ 29,303,79

UR7434500 3(2H)-PYRIDAZINONE, 2-METHYL-5-MORPHOLINO-4-PROPOXY-
UPDT:8308 CAS: 51659-94-0 MW: 253.34 MOLFM: C12-H19-N3-O3
SYN: M 75168 * 2-METHYL-5-MORPHOLINO-4-PROPOXY-3(2H)-PYRIDAZINONE
TOXICITY DATA AND REFERENCES:
3F12F17F25 ipr-mus LD50:505 mg/kg JJPAAZ 29,303,79

PYRIDENAL see: US7875000
PYRIDENE see: US7875000
PYRIDIATE see: US7875000
PYRIDICIN see: NS1750000
PYRIDIMINE PHOSPHATE see: TF1410000
PYRIDIN (German) see: UR8400000
2-PYRIDINALDOXIM METHOJODID (German) see: UU4375000
PYRIDIN-2-ALDOXIN (Czech) see: UU4375000
PYRIDINAMINE (9CI) see: US1574000
alpha-PYRIDINAMINE see: US1575000
3-PYRIDINAMINE see: US1650000
4-PYRIDINAMINE see: US1750000

UR8120000 3-PYRIDINAMINE, N-((2-CHLORO-1-NAPHTHALENYL)METHYLENE)-2,6-DIMETHYL-
UPDT:8402 CAS: 38641-70-2 MW: 294.80 MOLFM: C18-H15-Cl-N2
SYN: N-((2-CHLORO-1-NAPHTHALENYL)METHYLENE)-2,6-DIMETHYL-3-PYRIDINAMINE * N-(2-CHLORO-1-NAPHTHYLIDENE)-3-AMINO-2,6-LUTIDENE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:60 mg/kg (3-5D preg) JRPFA4 31,383,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-PYRIDINAMINE, HYDROCHLORIDE (9CI) see: US1819500
4-PYRIDINAMINE HYDROCHLORIDE see: US1821000
4-PYRIDINAMINE, N-HYDROXY-, 1-OXIDE (9CI) see: UT4381000
2-PYRIDINAMINE, 4-METHYL-, HYDROCHLORIDE (9CI) see: TJ5363000
2-PYRIDINAMINE, N-METHYL-N-(1-METHYL-2,2-DIPHENYLETHYL)-, HYDROCHLORIDE (9CI) see: UT5635200
3-PYRIDINAMINE, N-METHYL-N-(1-METHYL-2,2-DIPHENYLETHYL)-, HYDROCHLORIDE (9CI) see: UT5635300
4-PYRIDINAMINE, N-METHYL-N-(1-METHYL-2,2-DIPHENYLETHYL)-, HYDROCHLORIDE (9CI) see: UT5635400
PYRIDIN-4-CARBONSAEURE-(DEXAMETHASON-21')-ESTER (German) see: TU4060000
PYRIDIN-2,5-DICARBONSAEURE-DI-n-PROPYLESTER (German) see: US8000000

UR8400000 PYRIDINE
UPDT:8412 CAS: 110-86-1 MW: 79.11 MOLFM: C5-H5-N
SYN: AZABENZENE * AZINE * NCI-C55301 * PYRIDIN (German) * PIRIDINA (Italian) * PYRIDINE (DOT) * PIRYDYNA (Polish) * RCRA WASTE NUMBER U196 * UN 1282 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
eye-rbt 2 mg open SEV AMIHBC 4,119,51
MUTATION DATA AND REFERENCES:
mma-sat 6 mmol/L/2H CNREA8 39,4152,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:891 mg/kg BIOFX* 14-4/70
ihl-rat LCLo:4000 ppm/4H AMIHBC 4,119,51
ipr-rat LD50:866 mg/kg NTIS** PB195-158
scu-rat LD50:1000 mg/kg PSEBAA 62,19,46
* ipr-mus LDLo:750 mg/kg CNREA8 22,483,62
* scu-mus LDLo:1000 mg/kg CNREA8 22,483,62
ivn-dog LD50:880 mg/kg TXCYAC 4,165,75
skn-rbt LD50:1121 mg/kg BIOFX* 14-4/70
2C08F01 ipr-rbt LDLo:15 mg/kg JIDIAQ 42,473,28
orl-gpg LDLo:4000 mg/kg JPHYA7 17,272,1894
ipr-gpg LDLo:870 mg/kg JPHYA7 17,272,1894
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PAREAQ 4,1,52
★ TLV-TWA 5 ppm; STEL 10 ppm (skin) DTLVS* 4,353,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 ppm (SCP-L) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S161
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

UR8416000 2-PYRIDINEACETAMIDE, N-BENZYL-6-METHYLTHIO-
UPDT:8309 MW: 256.39 MOLFM: C15-H16-N2-S
SYN: AG 61 * N-BENZYL-6-METHYL-2-PYRIDINETHIOACETAMIDE * N-BENZYL-6-METHYLTHIO-2-PYRIDINEACETAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg TAKHAA 32,181,73

2-PYRIDINEACETAMIDE, alpha-(2-(BIS(1-METHYLETHYL)AMINO)ETHYL)-alpha-PHENYL-, PHOSPHATE (9CI) see: UR8440000

UR8432000 2-PYRIDINEACETAMIDE, alpha-(2-(DIISOPROPYLAMINO)ETHYL)-alpha-PHENYL-
UPDT:8411 CAS: 3737-09-5 MW: 339.53 MOLFM: C21-H29-N3-O
SYN: alpha-(2-(DIISOPROPYLAMINO)ETHYL)-alpha-PHENYL-2-PYRIDINEACETAMIDE * DICORANTIL * DISOPYRAMIDE * H 3292 * RITMODAN * SC 7031 * SEARLE 703
TOXICITY DATA AND REFERENCES:
3G30J22J30 orl-hmn TDLo:4286 ug/kg NEJMAG 302,614,80
* orl-rat LD50:730 mg/kg NIIRDN 6,319,82
* ipr-rat LD50:170 mg/kg NIIRDN 6,319,82
* scu-rat LD50:800 mg/kg IYKEDH 9,829,78
* orl-mus LD50:409 mg/kg NIIRDN 6,319,82
2F12J24 ipr-mus LD50:221 mg/kg AIPTAK 263,254,83
* scu-mus LD50:305 mg/kg NIIRDN 6,319,82
1G30 ivn-mus LD50:60 mg/kg JMCMAR 24,159,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR8440000 2-PYRIDINEACETAMIDE, alpha-(2-(DIISOPROPYLAMINO)ETHYL)-alpha-PHENYL-, PHOSPHATE
UPDT:8408 CAS: 22059-60-5 MW: 437.53 MOLFM: C21-H29-N3-O .H3-O4-P
SYN: alpha-(2-DIISOPROPYLAMINOETHYL)-alpha-PHENYL-2-PYRIDINEACETAMIDE PHOSPHATE * 2-PYRIDINEACETAMIDE, alpha-(2-(BIS(1-METHYLETHYL)AMINO)ETHYL)-alpha-PHENYL-, PHOSPHATE (9CI) * DISOPYRAMIDE PHOSPHATE * NORPACE * RYTHMODAN * SC 13957 * SC 7031 PHOSPHATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T46T85 ivn-rat TDLo:330 mg/kg (7-17D preg) JZKEDZ 7,157,81
TOXICITY DATA AND REFERENCES:
orl-chd LDLo:30 mg/kg MJAUAJ 2,335,78
3F12F17J22 orl-rat LD50:880 mg/kg YACHDS 9(Suppl 1),5,81
3F12F17J22 ipr-rat LD50:255 mg/kg YACHDS 9(Suppl 1),5,81
3F12F17J22 scu-rat LD50:1000 mg/kg YACHDS 9(Suppl 1),5,81
* ivn-rat LD50:88 mg/kg IYKEDH 14,484,83
3F12F17J22 orl-mus LD50:820 mg/kg YACHDS 9(Suppl 1),5,81
3F12F17J22 ipr-mus LD50:190 mg/kg YACHDS 9(Suppl 1),5,81
3F12F17J22 scu-mus LD50:680 mg/kg YACHDS 9(Suppl 1),5,81
3F12F17J22 ivn-mus LD50:81 mg/kg YACHDS 9(Suppl 1),5,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR8442000 2-PYRIDINEACETAMIDE, N,N-DIMETHYLTHIO-
UPDT:8309 MW: 180.29 MOLFM: C9-H12-N2-S
SYN: AG 30 * N,N-DIMETHYL-2-PYRIDINETHIOACETAMIDE * N,N-DIMETHYLTHIO-2-PYRIDINEACETAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:400 mg/kg TAKHAA 32,181,73

UR8442100 2-PYRIDINEACETAMIDE, N,6-DIMETHYLTHIO-
UPDT:8309 MW: 180.29 MOLFM: C9-H12-N2-S
SYN: AG 55 * N,6-DIMETHYLTHIO-2-PYRIDINEACETAMIDE * 6-METHYL-2-PYRIDINETHIOACETAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:189 mg/kg TAKHAA 32,181,73

UR8448000 2-PYRIDINEACETAMIDE, N-ETHYL-6-METHYLTHIO-
UPDT:8309 MW: 194.32 MOLFM: C10-H14-N2-S
SYN: AG 53 * N-ETHYL-6-METHYL-2-PYRIDINETHIOACETAMIDE * N-ETHYL-6-METHYLTHIO-2-PYRIDINEACETAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:132 mg/kg TAKHAA 32,181,73

UR8449800 2-PYRIDINEACETAMIDE, 5-ETHYLTHIO-
UPDT:8309 MW: 180.29 MOLFM: C9-H12-N2-S
SYN: AG 41 * 5-ETHYL-2-PYRIDINETHIOACETAMIDE * 5-ETHYLTHIO-2-PYRIDINEACETAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg TAKHAA 32,181,73

UR8459000 2-PYRIDINEACETAMIDE, 4-METHOXYTHIO-
UPDT:8309 MW: 182.26 MOLFM: C8-H10-N2-O-S
SYN: AG 44 * 4-METHOXY-2-PYRIDINETHIOACETAMIDE * 4-METHOXYTHIO-2-PYRIDINEACETAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:200 mg/kg TAKHAA 32,181,73

UR8462000 2-PYRIDINEACETAMIDE, alpha-(2-((1-METHYLETHYL)AMINO)ETHYL)-alpha-PHENYL-
UPDT:8305 CAS: 38236-46-3 MW: 297.44 MOLFM: C18-H23-N3-O
SYN: alpha-(2-((1-METHYLETHYL)AMINO)ETHYL)-alpha-PHENYL-2-PYRIDINEACETAMIDE * MIP * MONO-ISOPROPYL-DISOPYRAMIDE * SC 24566
TOXICITY DATA AND REFERENCES:
3D28F05F17 ivn-mus LD50:46400 ug/kg JZKEDZ 7,257,81

UR8464700 2-PYRIDINEACETAMIDE, N-METHYLTHIO-
UPDT:8309 MW: 153.24 MOLFM: C7-H9-N2-S
SYN: AG 52 * N-METHYL-2-PYRIDINETHIOACETAMIDE * N-METHYLTHIO-2-PYRIDINEACETAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:200 mg/kg TAKHAA 32,181,73

UR8464800 2-PYRIDINEACETAMIDE, 3-METHYLTHIO-
UPDT:8309 MW: 166.26 MOLFM: C8-H10-N2-S
SYN: AG 43 * 3-METHYL-2-PYRIDINETHIOACETAMIDE * 2-(3-METHYL-2-PYRIDYL)THIOACETAMIDE * 3-METHYLTHIO-2-PYRIDINEACETAMIDE
TOXICITY DATA AND REFERENCES:
1F25 ivn-mus LD50:150 mg/kg TAKHAA 32,181,73

UR8464810 2-PYRIDINEACETAMIDE, 4-METHYLTHIO-
UPDT:8309 MW: 166.26 MOLFM: C8-H10-N2-S
SYN: AG 45 * 4-METHYL-2-PYRIDINETHIOACETAMIDE * 2-(4-METHYL-2-PYRIDYL)THIOACETAMIDE * 4-METHYLTHIO-2-PYRIDINEACETAMIDE
TOXICITY DATA AND REFERENCES:
1F25 ivn-mus LD50:250 mg/kg TAKHAA 32,181,73

UR8464820 2-PYRIDINEACETAMIDE, 5-METHYLTHIO-
UPDT:8309 MW: 166.26 MOLFM: C8-H10-N2-S

SYN: AG 42 * 5-METHYL-2-PYRIDINETHIOACETAMIDE * 2-(5-METHYL-2-PYRIDYL)THIOACETAMIDE * 5-METHYLTHIO-2-PYRIDINEACETAMIDE

TOXICITY DATA AND REFERENCES:

1F25 ivn-mus LD50:200 mg/kg TAKHAA 32,181,73

UR8464830 2-PYRIDINEACETAMIDE, 6-METHYLTHIO-

UPDT 8309 MW: 166.26 MOLFM: C8-H10-N2-S

SYN: AG 29 * 6-METHYL-2-PYRIDINETHIOACETAMIDE * 2-(6-METHYL-2-PYRIDYL)THIOACETAMIDE * 6-METHYLTHIO-2-PYRIDINEACETAMIDE

TOXICITY DATA AND REFERENCES:

1F25 ivn-mus LD50:260 mg/kg TAKHAA 32,181,73

UR8520000 2-PYRIDINEACETAMIDE, THIO-

UPDT 8309 CAS: 26414-86-0 MW: 152.23 MOLFM: C7-H8-N2-S

SYN: AG 35 * GYKI 43023 * 2-PYRIDINEETHANETHIOAMIDE (9CI) * 2-PYRIDINETHIOACETAMIDE * 2-(2-PYRIDYL)ETHANETHIOAMIDE * 2-PYRIDYLTHIOACETAMIDE * 2-(2-PYRIDYL)THIOACETAMIDE * THIO-2-PYRIDINEACETAMIDE

TOXICITY DATA AND REFERENCES:

1F25 ivn-mus LD50:400 mg/kg TAKHAA 32,181,73

UR8530000 2-PYRIDINEACETAMIDE, N,N,6-TRIMETHYLTHIO-

UPDT 8309 MW: 194.32 MOLFM: C10-H14-N2-S

SYN: AG 54 * N,N,6-TRIMETHYL-2-PYRIDINETHIOACETAMIDE * N,N,6-TRIMETHYLTHIO-2-PYRIDINEACETAMIDE

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:416 mg/kg TAKHAA 32,181,73

UR8650000 1(2H)-PYRIDINEACETIC ACID, 3,6-DIHYDRO-alpha-PHENYL-, 2-(2-DIETHYLAMINOETHOXY)ETHYL ESTER, DIHYDROCHLORIDE

UPDT 8303 MW: 433.47 MOLFM: C21-H32-N2-O3 · 2Cl-H

SYN: 3,6-DIHYDRO-alpha-PHENYL-1(2H)-PYRIDINEACETIC ACID 2-(2-DIETHYLAMINOETHOXY)ETHYL ESTER 2HCl

TOXICITY DATA AND REFERENCES:

2C08J30 ivn-mus LD50:55 mg/kg AIPTAK 125,121,60

UR8660000 1(2H)-PYRIDINEACETIC ACID, 3,6-DIHYDRO-alpha-PHENYL-, 2-(2-MORPHOLINOETHOXY)ETHYL ESTER, DIHYDROCHLORIDE

UPDT 8303 MW: 447.45 MOLFM: C21-H30-N2-O4 · 2Cl-H

SYN: 3,6-DIHYDRO-alpha-PHENYL-1(2H)-PYRIDINEACETIC ACID 2-(2-MORPHOLINOETHOXY)ETHYL ESTER 2HCl

TOXICITY DATA AND REFERENCES:

2C08J30 ivn-mus LD50:285 mg/kg AIPTAK 125,121,60

UR8670000 1(2H)-PYRIDINEACETIC ACID, 3,6-DIHYDRO-alpha-PHENYL-, 2-(2-PIPERIDINOETHOXY)ETHYL ESTER, DIHYDROCHLORIDE

UPDT 8303 MW: [illegible] MOLFM: C22-H32-N2-O3 · 2Cl-H

SYN: 3,6-DIHYDRO-alpha-PHENYL-1(2H)-PYRIDINEACETIC ACID 2-(2-PIPERIDINOETHOXY)ETHYL ESTER 2HCl

TOXICITY DATA AND REFERENCES:

2C08J30 ivn-mus LD50:82 mg/kg AIPTAK 125,121,60

UR8720000 1(4H)-PYRIDINEACETIC ACID, 3,5-DIIODO-4-HYDROXY-, SODIUM SALT

UPDT 8405 MW: 428.93 MOLFM: C7-H6-I2-N-O3 · Na

SYN: 3,5-DIIODO-4-HYDROXY-1(4H)-PYRIDINEACETIC ACID SODIUM SALT * 3,5-DIJOD-4-PYRIDOXYL-N-ESSIGSAEURE NATRIUM (German)

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:5600 mg/kg AEPPAE 222,584,54

UR8740000 1(4H)-PYRIDINEACETIC ACID, 3,5-DIIODO-4-OXO-, compd. with 1-DEOXY-1-(METHYLAMINO)GLUCITOL

UPDT 8405 MW: 600.18 MOLFM: C7-H5-I2-N-O3 · C7-H17-N-O5

SYN: 3,5-DIIODO-4-OXO-1(4H)-PYRIDINEACETIC ACID compd. with 1-DEOXY-1-(METHYLAMINO)GLUCITOL * 3,5-DIJOD-4-PYRIDON-N-ESSIGSAEURE-N-METHYLGLUKAMIN (German)

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:5900 mg/kg AEPPAE 222,584,54

UR8750000 1(4H)-PYRIDINEACETIC ACID, 3,5-DIIODO-4-OXO-, compd. with 2,2'-IMINODIETHANOL (1:1)

UPDT 8405 CAS: 300-37-8 MW: 510.09 MOLFM: C7-H5-I2-N-O3 · C4-H11-N-O2

SYN: BIS(HYDROXYETHYL)AMMONIUM 3,5-DIIODO-4-PYRIDONE-N-ACETATE * CARDIOTRAST * DIAETHANOLAMIN 3,5-DIJODPYRIDON-(4)-ESSIGSAEURE (German) * DIATRAST * DIETHANOLAMINE 3,5-DIIODO-4-PYRIDONE-N-ACETATE * 3,5-DIIODO-4-OXO-1(4H)PYRIDINEACETIC ACID 2,2'-IMINODIETHANOL SALT * 3,5-DIIODO-4-PYRIDONE-N-ACETIC ACID, DIETHANOLAMINE SALT * DIODON * DIODONE * DIODRAST * ETHANOL, 2,2'-IMINODI-, 3,5-DIIODO-4-OXO-1(4H)-PYRIDINEACETATE (salt) * ETHANOL, 2,2'-IMINODI-, compd. with 3,5-DIIODO-4-OXO-1(4H)-PYRIDINEACETIC ACID (1:1) * IODOPYRACET * IODURON B * IOPYRACIL * METHYLGLUCAMINE 3,5-DIIODO-4-PYRIDONE-N-ACETATE * NEOMETHIODAL * NOSYLAN * NEO-SKIODAN * NEO-TENEBRYL * NOSYDRAST * OPARENOL * PELVIRAN * PER-ABRODIL * PER-RADIOGRAPHOL * PYELOSIL * PYLUMBRIN * PYRACETON * RP 3203 * SI-VAC * UMBRADIL * URIODONE * VASIODONE * XUMBRADIL

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:5400 mg/kg AEPPAE 222,584,54

ivn-mus LD50:6400 mg/kg JPETAB 116,394,56

* ivn-dog LD50:2 gm/kg BJRAAP 6,304,33

ivn-cat LD50:2800 mg/kg MECHAN 6,344,63

ivn-rbt LD50:4700 mg/kg MECHAN 6,344,63

UR8800000 1(4H)-PYRIDINEACETIC ACID, 3,5-DIIODO-4-OXO-, compd. with MORPHOLINE, and 2,2'-IMINODIETHANOL

UPDT 8405 MW: 585.22 MOLFM: C6-H5-I2-N-O3 · C4-H9-N-O · C4-H11-N-O2

SYN: 3,5-DIIODO-4-OXO-1(4H)-PYRIDINEACETIC ACID compd. with MORPHOLINE and 2,2'-IMINODIETHANOL * MORPHOLIN-u. DIAETHANOLAMIN 3,5-DIJOD-4-PYRIDON-N-ESSIGSAEURE (German)

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:2700 mg/kg AEPPAE 222,584,54

UR8925000 1(4H)-PYRIDINEACETIC ACID, 3,5-DIIODO-4-OXO-, PROPYL ESTER

UPDT 8406 CAS: 587-61-1 MW: 447.02 MOLFM: C10-H11-I2-N-O3

SYN: A.G. 33-107 * BRONCHODIAGNOSTIN * BROSOMBRA * 3,5-DIIODO-4-OXO-1(4H)-PYRIDINEACETIC ACID PROPYL ESTER * 3,5-DIIODO-4-PYRIDONE-N-ACETIC ACID PROPYL ESTER * DIONOSIL * DIOSTRIL * PROPIODONE * PROPYL-3,5-DIIODO-4-OXO-1(4H)PYRIDINEACETATE * PROPYL 3,5-DIIODO-4-PYRIDONE-N-ACETATE * PROPYLIODONE

TOXICITY DATA AND REFERENCES:

1H15 ivn-mus LD50:300 mg/kg BJPCAL 8,164,53

UR8960000 1(2H)-PYRIDINEACETIC ACID, 2-HYDROXY-5-IODO-, SODIUM SALT

UPDT 8405 MW: 316.04 MOLFM: C7-H6-I-N2-O2 · Na

SYN: 2-HYDROXY-5-IODO-1(2H)-PYRIDINEACETIC ACID SODIUM SALT * 5-JOD-2-PYRIDOXYL-N-ESSIGSAEURE NATRIUM (German)

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:7000 mg/kg AEPPAE 222,584,54

UR9230000 3-PYRIDINEACRYLIC ACID, 2-(4-BENZYL-1-PIPERAZINYL)ETHYL ESTER

UPDT 8312 MW: 351.49 MOLFM: C21-H25-N3-O2

SYN: 2-(4-BENZYL-1-PIPERAZINYL)ETHYL 3-PYRIDINEACRYLATE

TOXICITY DATA AND REFERENCES:

2F18F29 ipr-mus LD50:290 mg/kg JPMSAE 55,290,66

UR9275000 2-PYRIDINEACRYLIC ACID, 2-(4-(p-CHLOROPHENYL)-1-PIPERAZINYL) ETHYL ESTER

UPDT 8312 CAS: 4415-51-3 MW: 371.90 MOLFM: C20-H22-Cl-N3-O2

SYN: PIPERAZINE, 1-(4-CHLOROPHENYL)-4-(2-(3-(2-PYRIDYL)ACRYLOXY)ETHYL) * 1-PIPERAZINEETHANOL, 4-(p-CHLOROPHENYL)-, 2-PYRIDINEACRYLATE(ESTER)

TOXICITY DATA AND REFERENCES:

orl-rat LD50:478 mg/kg TXAPA9 10,444,67

2F17F18 ipr-rat LD50:311 mg/kg JPMSAE 55,1105,66

2F17F18 orl-mus LD50:529 mg/kg JPMSAE 55,1105,66

3F07F18F29 ipr-mus LD50:280 mg/kg JPMSAE 55,290,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UR9275100 3-PYRIDINEACRYLIC ACID, 2-(4-(p-CHLOROPHENYL)-1-PIPERAZINYL)ETHYL ESTER

UPDT 8401 MW: 371.90 MOLFM: C20-H22-Cl-N3-O2

SYN: 1-PIPERAZINEETHANOL, 4-(p-CHLOROPHENYL)-, 3-PYRIDINEACRYLATE

TOXICITY DATA AND REFERENCES:

3A11F07F29 ipr-mus LD50:680 mg/kg JPMSAE 55,290,66

UR9275200 4-PYRIDINEACRYLIC ACID, 2-(4-(p-CHLOROPHENYL)-1-PIPERAZINYL)ETHYL ESTER

UPDT 8312 MW: 371.90 MOLFM: C20-H22-Cl-N3-O2

SYN: 2-(4-(p-CHLOROPHENYL)-1-PIPERAZINYL)ETHYL 4-PYRIDINEACRYLATE * 1-PIPERAZINEETHANOL, 4-(p-CHLOROPHENYL)-, 4-PYRIDINEACRYLATE

TOXICITY DATA AND REFERENCES:

3F07F18F29 ipr-mus LD50:520 mg/kg JPMSAE 55,290,66

UR9276000 2-PYRIDINEACRYLIC ACID, 2-(4-(p-FLUOROPHENYL)-1-PIPERAZINYL)ETHYL ESTER

UPDT 8312 MW: 355.45 MOLFM: C20-H22-N3-F-O2

SYN: 1-PIPERAZINEETHANOL, 4-(p-FLUOROPHENYL)-, 2-PYRIDINEACRYLATE

TOXICITY DATA AND REFERENCES:

3F17F18F29 ipr-mus LD50:380 mg/kg JPMSAE 55,290,66

UR9277000 3-PYRIDINEACRYLIC ACID, 2-(4-(p-METHOXYPHENYL)-1-PIPERAZINYL)ETHYL ESTER

UPDT 8312 MW: 367.49 MOLFM: C21-H25-N3-O3

SYN: 1-PIPERAZINEETHANOL, 4-(p-METHOXYPHENYL)-, 3-PYRIDINEACRYLATE (ester)

TOXICITY DATA AND REFERENCES:

3F17F23F29 ipr-mus LD50:350 mg/kg JPMSAE 55,290,66

UR9280200 2-PYRIDINEACRYLIC ACID, 1,4-PIPERAZINYLENEDIETHYLENE ESTER

UPDT 8312 MW: 436.56 MOLFM: C24-H28-N4-O4

SYN: 1,4-PIPERAZINEDIETHANOL, BIS(2-PYRIDINEACRYLATE)

TOXICITY DATA AND REFERENCES:

3F17F18F29 ipr-mus LD50:667 mg/kg JPMSAE 55,290,66

UR9280300 3-PYRIDINEACRYLIC ACID, 1,4-PIPERAZINYLENEDIETHYLENE ESTER

UPDT 8312 MW: 436.56 MOLFM: C24-H28-N4-O4

SYN: 1,4-PIPERAZINEDIETHANOL, BIS(3-PYRIDINEACRYLATE)

TOXICITY DATA AND REFERENCES:

2F23F29 ipr-mus LD50:900 mg/kg JPMSAE 55,290,66

UR9280400 4-PYRIDINEACRYLIC ACID, 1,4-PIPERAZINYLENEDIETHYLENE ESTER

UPDT 8312 MW: 436.56 MOLFM: C24-H28-N4-O4

SYN: 1,4-PIPERAZINEDIETHANOL, BIS(4-PYRIDINEACRYLATE)

TOXICITY DATA AND REFERENCES:

1F29 ipr-mus LD50:870 mg/kg JPMSAE 55,290,66

UR9281000 3-PYRIDINEACRYLIC ACID, 2-(1-PIPERAZINYL)ETHYL ESTER, TRIHYDROCHLORIDE

UPDT 8312 MW: 370.74 MOLFM: C14-H19-N3-O2 · 3Cl-H

TOXICITY DATA AND REFERENCES:

3A11F07F29 ipr-mus LD50:199 mg/kg JPMSAE 55,290,66

2-PYRIDINE-ALDOXIME CHLORIDE see: UU4200000

US0525000 PYRIDINE-2-ALDOXIME ETHANESULFONATE

UPDT 8405 CAS: 63680-94-4 MW: 232.28 MOLFM: C6-H6-N2-O · C2-H6-O3-S

SYN: 2-PAM SULFONATE * P25

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:118 mg/kg AEHLAU 5,21,62

2-PYRIDINE ALDOXIME IODOMETHYLATE see: UU4375000

PYRIDINE-2-ALDOXIME METHIODIDE see: UU4375000

PYRIDINE-2-ALDOXIME METHOCHLORIDE see: UU4200000

2-PYRIDINE ALDOXIME METHYL CHLORIDE see: UU4200000

PYRIDINE-2-ALDOXIME METHYL IODIDE see: UU4375000

US1574000 PYRIDINE, AMINO-

UPDT 8403 CAS: 26445-05-6 MW: 94.13 MOLFM: C5-H6-N2

SYN: AMINOPYRIDINE * AMINOPYRINE * PYRIDINAMINE (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T59 scu-mus TDLo:600 mg/kg (7-9D preg) RCSADO 1,263,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

US1575000 PYRIDINE, 2-AMINO-

UPDT 8404 CAS: 504-29-0 MW: 94.13 MOLFM: C5-H6-N2

SYN: o-AMINOPYRIDINE * alpha-AMINOPYRIDINE * 2-AMINOPYRIDINE * AMINO-2-PYRIDINE * 2-AMINOPYRIDINE (DOT) * alpha-PYRIDINAMINE * alpha-PYRIDYLAMINE * 2-PYRIDYLAMINE * UN 2671 (DOT)

TOXICITY DATA AND REFERENCES:

3F07F12F25 ihl-hmn TCLo:5 ppm/5H IMSUAI 19,317,50

ipr-mus LD50:35 mg/kg JMCMAR 8,296,65

scu-mus LD50:70 mg/kg AEPPAE 226,163,55

ivn-mus LD50:23 mg/kg APFRAD 26,345,68

REVIEW AND REFERENCES:

★ TLV-TWA 500 ppb; STEL 2 ppm DTLVS* 4,15,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 0.5 ppm (SCP-K) FEREAC 39,23540,74

★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S158*

'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

US1650000 PYRIDINE, 3-AMINO-

UPDT 8312 CAS: 462-08-8 MW: 94.13 MOLFM: C5-H6-N2

SYN: beta-AMINOPYRIDINE * 3-AMINOPYRIDINE * AMINO-3-PYRIDINE * 3-AMINOPYRIDINE (DOT) * 3-PYRIDINAMINE * 3-PYRIDYLAMINE * UN 2671 (DOT)

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:28 mg/kg JMCMAR 8,296,65

scu-mus LD50:30 mg/kg AEPPAE 226,163,55

ivn-mus LD50:24 mg/kg APFRAD 26,345,68

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

US1750000 PYRIDINE, 4-AMINO-

UPDT 8406 CAS: 504-24-5 MW: 94.13 MOLFM: C5-H6-N2

SYN: 4-AMINOPYRIDINE * AMINO-4-PYRIDINE * gamma-AMINOPYRIDINE * p-AMINOPYRIDINE * 4-AMINOPYRIDINE (DOT) * 4-AP * AVITROL * RCRA WASTE NUMBER P008 * 4-PYRIDYLAMINE * 4-PYRIDINAMINE * UN 2671 (DOT) * VMI 10-3

TOXICITY DATA AND REFERENCES:

3F08J22K13 orl-man LDLo:590 ug/kg CTOXAO 16,487,80

orl-rat LD50:20 mg/kg TXAPA9 26,532,73

ipr-rat LD50:6500 ug/kg TXAPA9 26,532,73

* scu-rat LD50:19 mg/kg EKMMA8 11,162,72

ipr-mus LD50:10 mg/kg JMCMAR 8,296,65

* scu-mus LDLo:5 mg/kg AEPPAE 226,163,55

1F12 ivn-mus LD50:7 mg/kg APFRAD 26,345,68

* ivn-rbt LD50:5500 ug/kg EKMMA8 11,162,72

orl-pgn LD50:8 mg/kg TXAPA9 26,532,73

orl-qal LD50:8 mg/kg TXAPA9 26,532,73

	orl-dck LD50:4200 mg/kg	TXAPA9 21,315,72
	orl-bwd LD50:4900 ug/kg	TXAPA9 21,315,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: TXAPA9 26(4),532,73
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

US1816000 PYRIDINE, 3-AMINO-4-(3,4-DIMETHOXYPHENETHYLAMINO)-
UPDT:8408 CAS: 495-05-6 MW: 273.37 MOLFM: C15-H19-N3-O2
SYN: 3-AMINO-4-(3,4-DIMETHOXYPHENETHYLAMINO)PYRIDINE * COMPOUND 64-92 * 3,4-DIMETHOXYPHENYLETHYLAMINO-3-AMINOPYRIDINE * 3,4-PYRIDINEDIAMINE, N(sup 4)-(2-(3,4-DIMETHOXYPHENYL)ETHYL)-
TOXICITY DATA AND REFERENCES:

•	orl-mus LD50:949 mg/kg	IJEBA6 11,183,73
•	ipr-mus LD50:279 mg/kg	IJEBA6 11,183,73

US1819500 PYRIDINE, 2-AMINO-, HYDROCHLORIDE
UPDT:8306 CAS: 32654-45-8 MW: 349.35 MOLFM: C5-H6-N2 .xCl-H
SYN: 2-AMINOPYRIDINE HYDROCHLORIDE * 2-PYRIDINAMINE, HYDROCHLORIDE (9CI)
TOXICITY DATA AND REFERENCES:

•	scu-rat LD50:65250 ug/kg	EKMMA8 18,98,79
•	scu-mus LD50:81 mg/kg	EKMMA8 18,98,79

US1821000 PYRIDINE, 4-AMINO-, HYDROCHLORIDE
UPDT:8306 CAS: 1003-40-3 MW: 130.59 MOLFM: C5-H6-N2 Cl-H
SYN: 4-AMINOPYRIDINE HYDROCHLORIDE * 4-PYRIDINAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:28 mg/kg	34ZIAG -,93,69
•	scu-rat LD50:10130 ug/kg	EKMMA8 18,98,79
•	scu-mus LD50:11900 ug/kg	EKMMA8 18,98,79
	orl-dog LDLo:4 mg/kg	34ZIAG -,93,69
	skn-rbt LDLo:327 mg/kg	34ZIAG -,93,69
	orl-pig LDLo:18 mg/kg	34ZIAG -,93,69

PYRIDINE, 2-AMINO-4-METHYL- see: TJ5150000

US2210000 PYRIDINE, 4-(3-AMINO-4H-1,2,4-TRIAZOL-5-YL)-
UPDT:8412 MW: 160.18 MOLFM: C7-H6-N5
SYN: 3-AMINO-5-(4-PYRIDYL)-1,2,4(H)-TRIAZOLE * 4H-1,2,4-TRIAZOLE, 3-AMINO-5-(4-PYRIDYL)
TOXICITY DATA AND REFERENCES:

	orl-mus LD50:680 mg/kg	JMCMAR 8,676,65

PYRIDINE-3-AZO-p-DIMETHYLANILINE see: UT2000000
PYRIDINE-4-AZO-p-DIMETHYLANILINE see: UT2100000
PYRIDINE, 3-BENZOYL-, O-(2-(DIMETHYLAMINO)ETHYL) OXIME, SESQUIOXALATE, HEMIHYDRATE see: OB6406000

US2800000 PYRIDINE, 2-(BENZYL(2-(DIMETHYLAMINO)ETHYL)AMINO)-
UPDT:8412 CAS: 91-81-6 MW: 255.40 MOLFM: C16-H21-N3
SYN: 2-(BENZYL(2-DIMETHYLAMINOETHYL)AMINO)PYRIDINE * N-BENZYL-N',N'-DIMETHYL-N-2-PYRIDYLETHYLENEDIAMINE * BENZYL-(alpha-PYRIDYL)-DIMETHYLAETHYLENDIAMIN (German) * BENZOXALE * CIZARON * DEHISTIN * beta-DIMETHYLAMINOETHYL-2-PYRIDYLAMINOTOLUENE * beta-DIMETHYLAMINOETHYL-2-PYRIDYLBENZYLAMINE * N,N-DIMETHYL-N'-BENZYL-N'-(alpha-PYRIDYL)ETHYLENEDIAMINE * NCI-C60662 * PBZ * PIRIBENZIL * PYRIBENZAMINE * PYRINAMINE BASE * RESISTAMINE * TONARIL * TRIPELENAMINE * TRIPELENNAMINA (Italian) * TRIPELENNAMINE
TOXICITY DATA AND REFERENCES:

	ipr-rat LDLo:37 mg/kg	TXAPA9 1,156,59
	orl-mus LD50:152 mg/kg	ARZNAD 7,237,57
	ipr-mus LD50:43 mg/kg	ARZNAD 7,237,57
	ipr-gpg LD50:64 mg/kg	THERAP 28,767,73

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984

US2950000 PYRIDINE, 2-(BENZYL(2-(DIMETHYLAMINO)ETHYL)AMINO)-, CITRATE (1:1)
UPDT:8412 CAS: 6138-56-3 MW: 447.54 MOLFM: C16-H21-N3 C6-H8-O7
TOXICITY DATA AND REFERENCES:

1F08	orl-chd TDLo:6168 ug/kg/12H	CTOXAO 16,331,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRIDINE, 2-(BENZYL(2-(DIMETHYLAMINO)ETHYL)AMINO)-, HYDROCHLORIDE see: US3150000

US3150000 PYRIDINE, 2-(BENZYL(2-(DIMETHYLAMINO)ETHYL)AMINO)-, MONOHYDROCHLORIDE
UPDT:8406 CAS: 154-69-8 MW: 291.86 MOLFM: C16-H21-N3 Cl-H
SYN: 2-(BENZYL(2-(DIMETHYLAMINO)ETHYL)AMINO)PYRIDINE MONOHYDROCHLORIDE * N-BENZYL-N-DIMETHYLAMINOETHYL-alpha-AMINOPYRIDINE HYDROCHLORIDE * 2-(BENZYL(2-(DIMETHYLAMINO)ETHYL)AMINO)PYRIDINE HYDROCHLORIDE * N-BENZYL-N',N'-DIMETHYL-N-2-PYRIDYL-ETHYLENEDIAMINE HYDROCHLORIDE * N-BENZYL-N-alpha-PYRIDYL-N',N'-DIMETHYL-AETHYLENDIAMIN-HYDROCHLORID (German) * 1,2-ETHANEDIAMINE, N,N-DIMETHYL-N'-(PHENYLMETHYL)-N'-2-PYRIDINYL-, MONOHYDROCHLORIDE * DEHISTIN * DEHISTIN MONOHYDROCHLORIDE * N,N-DIMETHYL-N'-(2-PYRIDYL)-N'-BENZYLETHYLENEDIAMINE HYDROCHLORIDE * ETHYLENEDIAMINE, N-BENZYL-N',N'-DIMETHYL-N-(2-PYRIDYL) HYDROCHLORIDE * PIRISTIN * PYRABENZAMINE * PYRIBENZAMINE HYDROCHLORIDE * TRI-TUMINE * PYRIBENZAMINE MONOHYDROCHLORIDE * PYRIDINE, 2-(BENZYL(2-(DIMETHYLAMINO)ETHYL)AMINO)-, HYDROCHLORIDE * N(sup 1)-alpha-PYRIDYL-N(sup 1)-BENZYL-N,N-DIMETHYL ETHYLENEDIAMINE MONOHYDROCHLORIDE * PYRINAMINE * RESISTAMINE * STANZAMINE * TRIPELENAMINE HYDROCHLORIDE * TRIPELENNAMINE HYDROCHLORIDE * TRIPELENNAMINE MONOHYDROCHLORIDE
MUTATION DATA AND REFERENCES:

	dns-rat:lvr 100 umol/L	ENMUDM 3,11,81

TOXICITY DATA AND REFERENCES:

	unk-man LDLo:15 mg/kg	85DCAI 2,73,70
•	orl-rat LD50:515 mg/kg	JLCMAK 31,749,46
2F12F13	scu-rat LD50:225 mg/kg	JLCMAK 31,749,46
2F12F13	ivn-rat LD50:12 mg/kg	JLCMAK 31,749,46
	orl-mus LD50:121 mg/kg	JPETAB 113,72,55
1F12	ipr-mus LD50:47 mg/kg	CTOXAO 16,17,80
	scu-mus LD50:41 mg/kg	JPETAB 113,72,55
	ivn-mus LD50:12 mg/kg	ARZNAD 14,940,64
	ivn-dog LDLo:49 mg/kg	JPETAB 113,72,55
2F12F13	scu-rbt LD50:33 mg/kg	JLCMAK 31,749,46
2F12F13	ivn-rbt LD50:9 mg/kg	JLCMAK 31,749,46
	orl-gpg LD50:155 mg/kg	JPETAB 113,72,55
	scu-gpg LD50:30 mg/kg	JPETAB 113,72,55

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

US4025400 PYRIDINE, 2-(p-BROMO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)-, MALEATE (1:1), (-)-
UPDT:8306 MW: 435.36 MOLFM: C16-H19-Br-N2 C4-H4-O4
SYN: (-)-2-(p-BROMO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)PYRIDINE MALEATE * l-BROMPHENIRAMINE MALEATE
TOXICITY DATA AND REFERENCES:

3D16F11F12	orl-gpg LD50:236 mg/kg	CMTRAG 3,120,61

US4026000 PYRIDINE, 2-(p-BROMO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)-, MALEATE (1:1), (+-)-
UPDT:8306 CAS: 32865-01-3 MW: 435.36 MOLFM: C16-H19-Br-N2 C4-H4-O4
SYN: (+-)-2-(p-BROMO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)PYRIDINE MALEATE * dl-BROMOPHENIRAMINE MALEATE * (+-)-BROMPHENIRAMINE MALEATE * dl-BROMPHENIRAMINE MALEATE * dl-DIMETANE MALEATE * 2-PYRIDINEPROPANAMINE, gamma-(4-BROMOPHENYL)-N,N-DIMETHYL-, (+-)-, (Z)-2-BUTENEDIOATE (1:1)
TOXICITY DATA AND REFERENCES:

3D16F11F12	orl-rat LD50:161 mg/kg	CMTRAG 3,120,61
3D16F11F12	ipr-rat LD50:113 mg/kg	CMTRAG 3,120,61
3D16F11F12	orl-mus LD50:147 mg/kg	CMTRAG 3,120,61
3D16F11F12	ipr-mus LD50:109 mg/kg	CMTRAG 3,120,61
3D16F11F12	ivn-mus LD50:26 mg/kg	CMTRAG 3,120,61
3D16F11F12	orl-gpg LD50:245 mg/kg	CMTRAG 3,120,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

US4026200 PYRIDINE, 2-(p-BROMO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)-, MALEATE (1:1), (S)-
UPDT:8306 CAS: 2391-03-9 MW: 435.36 MOLFM: C16-H19-Br-N2 C4-H4-O4
SYN: (+)-2-(p-BROMO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)PYRIDINE MALEATE * d-BROMPHENIRAMINE MALEATE * DEXBROMPHENIRAMINE MALEATE * DISOMER MALEATE * 2-PYRIDINEPROPANAMINE, gamma-(4-BROMOPHENYL)-N,N-DIMETHYL-, (S)-, (Z)-2-BUTENEDIOATE (1:1)
TOXICITY DATA AND REFERENCES:

3D16F11F12	orl-rat LD50:191 mg/kg	CMTRAG 3,120,61
3D16F11F12	ipr-rat LD50:104 mg/kg	CMTRAG 3,120,61
3D16F11F12	orl-mus LD50:176 mg/kg	CMTRAG 3,120,61
3D16F11F12	ipr-mus LD50:106 mg/kg	CMTRAG 3,120,61
3D16F11F12	ivn-mus LD50:25 mg/kg	CMTRAG 3,120,61
3D16F11F12	orl-gpg LD50:259 mg/kg	CMTRAG 3,120,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

US4098000 3-PYRIDINECARBAMIC ACID, 2-AMINO-6-((1,2-DIPHENYLETHYL)AMINO)-, ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8305 CAS: 33400-47-4 MW: 412.96 MOLFM: C22-H24-N4-O2 Cl-H
SYN: D 10 242
TOXICITY DATA AND REFERENCES:

•	orl-rat LD50:163 mg/kg	DRFUD4 7,80,82
•	orl-mus LD50:295 mg/kg	DRFUD4 7,80,82
•	orl-dog LD50:40 mg/kg	DRFUD4 7,80,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

US4099500 4-PYRIDINECARBAMIC ACID, p-METHOXYBENZYL ESTER
UPDT:8308 CAS: 4867-78-1 MW: 258.30 MOLFM: C14-H14-N2-O3
TOXICITY DATA AND REFERENCES:

•	ivn-mus LD50:30 mg/kg	CHTPBA 1,164,66

US4130000 3-PYRIDINECARBAMIC ACID, 3-PYRIDYLMETHYL ESTER
UPDT:8306 CAS: 6507-73-9 MW: 229.26 MOLFM: C12-H11-N3-O2
TOXICITY DATA AND REFERENCES:

•	ivn-mus LD50:220 mg/kg	CHTPBA 1,164,66

US4140000 4-PYRIDINECARBAMIC ACID, 3,4,5-TRIMETHOXYBENZYL ESTER
UPDT:8306 CAS: 4867-79-2 MW: 318.36 MOLFM: C16-H18-N2-O5
TOXICITY DATA AND REFERENCES:

•	ivn-mus LD50:73 mg/kg	CHTPBA 1,164,66

PYRIDINE-2-CARBO-O-ACETYLHYDROXAMIC ACID see: NC2997500 HYDROXYLAMINE, O-ACETYL-N-PICOLINOYL-
PYRIDINE-3-CARBO-O-ACETYLHYDROXAMIC ACID see: NC2993000 HYDROXYLAMINE, O-ACETYL-N-NICOTINOYL-
PYRIDINE-4-CARBO-O-ACETYLHYDROXAMIC ACID see: NC2987700 HYDROXYLAMINE, O-ACETYL-N-ISONICOTINOYL-
PYRIDINE-2-CARBOHYDROXAMIC ACID see: TJ7825200 PICOLINOHYDROXAMIC ACID
PYRIDINE-3-CARBOHYDROXAMIC ACID see: US4675000 3-PYRIDINECARBOXAMIDE, N-HYDROXY-
PYRIDINE-4-CARBOHYDROXAMIC ACID see: NS2299300 ISONICOTINOHYDROXAMIC ACID
PYRIDINE-2-CARBO-N-METHYLHYDROXAMIC ACID see: TJ7825300 PICOLINOHYDROXAMIC ACID, N-METHYL-
PYRIDINE-3-CARBONIC ACID see: QT0525000
3-PYRIDINECARBONITRILE (9CI) see: QT3030000
4-PYRIDINECARBOTHIOAMIDE, 2-PROPYL- (9CI) see: NS0650000
gamma-PYRIDINECARBOXAMIDE see: NR9500000
4-PYRIDINECARBOXAMIDE (9CI) see: NR9500000

US4500000 4-PYRIDINECARBOXAMIDE, N-(5-((4-(ACETYLAMINO)PHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-
UPDT:8311 CAS: 68710-96-3 MW: 398.48 MOLFM: C18-H14-N4-O3-S2
TOXICITY DATA AND REFERENCES:

•	ipr-mus LD50:3125 mg/kg	RMNIBN 83,131,79

US4550000 3-PYRIDINECARBOXAMIDE, 6-AMINO-
UPDT:8412 CAS: 329-89-5 MW: 137.16 MOLFM: C6-H7-N3-O
SYN: 6-AMINONICOTINAMIDE * 6-AMINONICOTINIC ACID AMIDE * 6-AMINO-NICOTINSAEUREAMID (German) * 6-AMINONIKOTINSAEUREAMID (German) * 6-AN * 6-ANA * NICOTINAMIDE, 6-AMINO- * NSC 21206 * U-8774
MUTATION DATA AND REFERENCES:

	dlt-rat-ipr 1 mg/kg	TXAPA9 19,371,71

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T39	ipr-rat TDLo:2 mg/kg (9D preg)	TJADAB 17,31A,78
3T25T43T46	ipr-rat TDLo:6 mg/kg (12D preg)	TJADAB 12,233,75
3T34T47T53	ipr-rat TDLo:8 mg/kg (10D preg)	JEZOAO 153,285,63
1T35	ipr-rat TDLo:8 mg/kg (9D preg)	JEZOAO 153,285,63
2T35T55	scu-rat TDLo:1500 ug/kg (7-9D preg)	COREAF 247,152,58
2T41T43	scu-rat TDLo:8 mg/kg (13D preg)	TJADAB 28,20A,83
1T46	scu-rat TDLo:8 mg/kg (11D preg)	TJADAB 28,20A,83
2T31T43	par-rat TDLo:8 mg/kg (15D preg)	ANREAK 154,329,66
2T34T43	unk-rat TDLo:8 mg/kg (14D preg)	DABBBA 37,5917,77
1T41	orl-mus TDLo:1 mg/kg (9D preg)	JTEHD6 3,735,77
3T25T26T34	orl-mus TDLo:17 mg/kg (9D preg)	JTEHD6 3,735,77
3T43T46T53	orl-mus TDLo:17 mg/kg (9D preg)	JTEHD6 3,735,77
3T73T55T47	orl-mus TDLo:34 mg/kg (9D preg)	JTEHD6 3,735,77
1T25	ipr-mus TDLo:19 mg/kg (10D preg)	TJADAB 29,101,84
2T34T81	ipr-mus TDLo:10 mg/kg (14D preg)	JRPFA4 19,519,69
1T43	ipr-mus TDLo:12263 ug/kg (10D preg)	TJADAB 28,91,83
1T35	ipr-mus TDLo:7500 ug/kg (10D preg)	AEHLAU 16,309,68
1T46	ipr-mus TDLo:15 mg/kg (9D preg)	JBJSA3 49,1551,67
3T31T34T43	scu-mus TDLo:3060 ug/kg (6-14D preg)	NTIS** PB223-160
1T39	scu-mus TDLo:15 mg/kg (10D preg)	TCMUD8 1,181,80
2T25T46	ims-mus TDLo:19 mg/kg (9D preg)	GENRA8 4,258,63
1T43	ims-mus TDLo:19 mg/kg (13D preg)	GENRA8 4,258,63
2T25T34	orl-rbt TDLo:3 mg/kg (9D preg)	NTIS** AD-A092-531
3T34T41T46	orl-rbt TDLo:2500 ug/kg (9D preg)	TXAPA9 71,323,83
3T46T47T49	orl-rbt TDLo:6 mg/kg (9-10D preg)	TJADAB 29(2),24A,84
3T50T51T53	orl-rbt TDLo:6 mg/kg (9-10D preg)	TJADAB 29(2),24A,84
3T43T47T49	ipr-rbt TDLo:3 mg/kg (9D preg)	NTIS** PB83-258038
1T33	ipr-rbt TDLo:5 mg/kg (12D preg)	TJADAB 16,297,77
3T42T46T53	ipr-rbt TDLo:1 mg/kg (9D preg)	EXMPA6 6,335,67
1T26	ipr-rbt TDLo:3 mg/kg (1D preg)	EXMPA6 6,335,67
1T27	ipr-pig TDLo:1 mg/kg (16D preg)	ARZNAD 23,1320,73
2T42T46	ipr-pig TDLo:5 mg/kg (16D preg)	KLWOAZ 51,1074,73
2T41T43	ipr-pig TDLo:5 mg/kg (10D preg)	KLWOAZ 51,1074,73
1T46	ipr-ham TDLo:15 mg/kg (6D preg)	TJADAB 24(1),12A,81

TOXICITY DATA AND REFERENCES:

3F07F17F18	ipr-rat LD50:11 mg/kg	CAXXA4 #1089763

3F07F17F18 ipr-mus LD50:35 mg/kg CAXXA4 #1089763
ipr-gpg LD50:10 mg/kg TXAPA9 33,320,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARVPAX 5,447,65; ADVPA3 4,263,66; AEMBAP 27,107,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

US4570000 4-PYRIDINECARBOXAMIDE, N-(5-(5-BROMO-1,2-DIHYDRO-2-OXO-3H-INDOL-3-YLIDENE)-4-OXO-2-THIOXO- 3-THIAZOLIDINYL)-
UPDT:8311 CAS: 68711-05-7 MW: 461.33 MOLFM: C17-H9-Br-N4-O3-S2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3900 mg/kg RMNIBN 83,131,79

US4586000 4-PYRIDINECARBOXAMIDE, N-(5-((5-(4-BROMOPHENYL)-2-FURANYL)METHYLENE)-4-OXO-2-THIOXO- 3-THIAZOLIDINYL)-
UPDT:8311 CAS: 68711-03-5 MW: 486.38 MOLFM: C20-H12-Br-N3-O3-S2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:900 mg/kg RMNIBN 83,131,79

US4588000 4-PYRIDINECARBOXAMIDE, N-(5-((2-CHLOROPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-
UPDT:8311 CAS: 68710-98-5 MW: 375.86 MOLFM: C16-H10-Cl-N3-O2-S2
SYN: N-(5-((2-CHLOROPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg RMNIBN 83,131,79

US4588500 4-PYRIDINECARBOXAMIDE, N-(5-((4-CHLOROPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-
UPDT:8311 CAS: 68710-99-6 MW: 375.86 MOLFM: C16-H10-Cl-N3-O2-S2
SYN: N-(5-((4-CHLOROPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:700 mg/kg RMNIBN 83,131,79

US4589000 4-PYRIDINECARBOXAMIDE, N-(5-CYCLOHEXYLIDENE-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-
UPDT:8311 CAS: 72732-40-2 MW: 333.45 MOLFM: C15-H15-N3-O2-S2
SYN: N-(5-CYCLOHEXYLIDENE-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1350 mg/kg RMNIBN 83,131,79

US4590000 4-PYRIDINECARBOXAMIDE, N-(5-(1,2-DIHYDRO-2-OXO-3H-INDOL-3-YLIDENE)-4-OXO-2-THIOXO-3- THIAZOLIDINYL)-
UPDT:8311 CAS: 68711-04-6 MW: 382.43 MOLFM: C17-H10-N4-O3-S2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:4500 mg/kg RMNIBN 83,131,79

US4600000 3-PYRIDINECARBOXAMIDE, 1,2-DIHYDRO-2-OXO-N-(2,6-XYLYL)-
UPDT:8302 CAS: 57021-61-1 MW: 228.29 MOLFM: C14-H14-N-O2
SYN: 1,2-DIHYDROXY-2-OXO-N-(2,6-XYLYL)-3-PYRIDINECARBOXAMIDE * ISONIXIN * ISONIXINE * NIXYN * NIXYN HERMES * 3-PYRIDINECARBOXAMIDE, N-(2,6-DIMETHYLPHENYL)-1,2-DIHYDRO-2-OXO (9CI) * 2,6-XYLIDIDE of 2-PYRIDONE-3-CARBOXYLIC ACID * 2,6-XYLIDID der 2-PYRIDON-3-CARBOXYLSAURE (German)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T12 orl-rat TDLo:250 gm/kg (26W pre) ARZNAD 27,1460,77
TOXICITY DATA AND REFERENCES:
orl-mus LD50:7000 mg/kg ARZNAD 27,1457,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

US4620000 4-PYRIDINECARBOXAMIDE, N-(5-((4-(DIMETHYLAMINO)PHENYL)METHYLENE)-4-OXO-2-THIOXO- 3-THIAZOLIDINYL)-
UPDT:8311 CAS: 1908-97-0 MW: 384.50 MOLFM: C18-H16-N4-O2-S2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1100 mg/kg RMNIBN 83,131,79

3-PYRIDINECARBOXAMIDE, N-(2,6-DIMETHYLPHENYL)-1,2-DIHYDRO-2-OXO- (9CI) see: US4600000
3-PYRIDINECARBOXAMIDE, N-(2-(((4-ETHOXYPHENYL)AMINO)SULFONYL)ETHYL)- (9CI) see: QS4483700
3-PYRIDINECARBOXAMIDE, N-(3-(4-(4-FLUOROPHENYL)-1-PIPERAZINYL)-1-METHYLPROPYL)-, 3HCl see: QS4476200

US4660000 4-PYRIDINECARBOXAMIDE, N-(5-(2-FURANYLMETHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-
UPDT:8311 CAS: 72732-41-3 MW: 331.38 MOLFM: C14-H9-N3-O3-S2
SYN: N-(5-(2-FURANYLMETHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg RMNIBN 83,131,79

US4663000 4-PYRIDINECARBOXAMIDE, N-(5-(3-(2-FURANYL)-1-METHYL-2-PROPENYLIDENE)-4-OXO-2-THIOXO- 3-THIAZOLIDINYL)-
UPDT:8311 CAS: 72732-42-4 MW: 371.45 MOLFM: C17-H13-N3-O3-S2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2400 mg/kg RMNIBN 83,131,79

US4665000 4-PYRIDINECARBOXAMIDE, N-(5-(3-(2-FURANYL)-2-PROPENYLIDENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-
UPDT:8311 CAS: 68748-25-4 MW: 357.42 MOLFM: C16-H11-N3-O3-S2
SYN: N-(5-(3-(2-FURANYL)-2-PROPENYLIDENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1950 mg/kg RMNIBN 83,131,79

2-PYRIDINECARBOXAMIDE, N-HYDROXY- (9CI) see: TJ7825200 PICOLINOHYDROXAMIC ACID

US4675000 3-PYRIDINECARBOXAMIDE, N-HYDROXY-
UPDT:8408 CAS: 1606-69-5 MW: 138.14 MOLFM: C6-H6-N2-O2
SYN: N-HYDROXY-3-PYRIDINECARBOXAMIDE * NICOTINOHYDROXAMIC ACID * PYRIDINE-3-CARBOHYDROXAMIC ACID
MUTATION DATA AND REFERENCES:
mmo-sat 5 umol/plate MUREAV 135,139,84
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:2300 mg/kg PSEBAA 92,660,56

4-PYRIDINECARBOXAMIDE, N-HYDROXY- (9CI) see: NS2299300 ISONICOTINOHYDROXAMIC ACID

US4675100 4-PYRIDINECARBOXAMIDE, N-(5-((4-HYDROXY-3-METHOXYPHENYL)METHYLENE)-4-OXO-2-THIOXO-3- THIAZOLIDINYL)-
UPDT:8311 CAS: 72732-39-9 MW: 387.45 MOLFM: C17-H13-N3-O4-S2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:4200 mg/kg RMNIBN 83,131,79

US4675150 4-PYRIDINECARBOXAMIDE, N-(5-((2-HYDROXYPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-
UPDT:8312 CAS: 68710-95-2 MW: 357.42 MOLFM: C16-H11-N3-O3-S2
SYN: N-(5-((2-HYDROXYPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg RMNIBN 83,131,79

US4675160 4-PYRIDINECARBOXAMIDE, N-(5-((3-HYDROXYPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-
UPDT:8311 CAS: 72732-38-8 MW: 357.42 MOLFM: C16-H11-N3-O3-S2
SYN: N-(5-((3-HYDROXYPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2700 mg/kg RMNIBN 83,131,79

US4675200 4-PYRIDINECARBOXAMIDE, N-(5-((4-METHOXYPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-
UPDT:8311 CAS: 68748-26-5 MW: 371.45 MOLFM: C17-H13-N3-O3-S2
SYN: N-(5-((4-METHOXYPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:700 mg/kg RMNIBN 83,131,79

US4675250 4-PYRIDINECARBOXAMIDE, N-(5-((2-NITROPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-
UPDT:8311 CAS: 68711-00-2 MW: 386.42 MOLFM: C16-H10-N4-O4-S2
SYN: N-(5-((2-NITROPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg RMNIBN 83,131,79

US4675260 4-PYRIDINECARBOXAMIDE, N-(5-((3-NITROPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-
UPDT:8311 CAS: 68711-01-3 MW: 386.42 MOLFM: C16-H10-N4-O4-S2
SYN: N-(5-((3-NITROPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2100 mg/kg RMNIBN 83,131,79

US4675270 4-PYRIDINECARBOXAMIDE, N-(5-((4-NITROPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-
UPDT:8311 CAS: 68711-02-4 MW: 386.42 MOLFM: C16-H10-N4-O4-S2
SYN: N-(5-((4-NITROPHENYL)METHYLENE)-4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:225 mg/kg RMNIBN 83,131,79

US4675300 4-PYRIDINECARBOXAMIDE, N-(4-OXO-5-(PHENYLMETHYLENE)-2-THIOXO-3-THIAZOLIDINYL)-
UPDT:8311 CAS: 1908-94-7 MW: 341.42 MOLFM: C16-H11-N3-O2-S2
SYN: N-(4-OXO-5-(PHENYLMETHYLENE)-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg RMNIBN 83,131,79

US4675360 4-PYRIDINECARBOXAMIDE, N-(4-OXO-2-THIOXO-3-THIAZOLIDINYL)-
UPDT:8311 CAS: 13097-08-0 MW: 253.31 MOLFM: C9-H7-N3-O2-S2
SYN: N-(4-OXO-2-THIOXO-3-THIAZOLIDINYL)-4-PYRIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3600 mg/kg RMNIBN 83,131,79

3-PYRIDINECARBOXAMIDE, N-(2-((2-PYRIDINYLAMINO)SULFONYL)ETHYL)- see: QS4484700

US4675390 3-PYRIDINECARBOXIMIDAMIDE, N-AMINO-2-ANILINO-
UPDT:8403 MW: 227.30 MOLFM: C12-H13-N5
SYN: N-AMINO-2-ANILINO-3-PYRIDINECARBOXIMIDAMIDE * 2-ANILINONICOTINIC ACID AMIDRAZONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:600 mg/kg PCJOAU 15,14,81

3-PYRIDINECARBOXIMIDAMIDE, N-(3-CHLORO-4-METHYLPHENYL)- see: QS4700000
4-PYRIDINECARBOXIMIDAMIDE, N-(3-CHLORO-4-METHYLPHENYL)- see: NS0982000
3-PYRIDINECARBOXIMIDAMIDE, N-(3,4-DICHLOROPHENYL)- see: QS4710000
4-PYRIDINECARBOXIMIDAMIDE, N-(3,4-DICHLOROPHENYL)- see: NS0984000
3-PYRIDINECARBOXIMIDAMIDE, N-(2,5-DIMETHOXYPHENYL)- see: QS4720000
4-PYRIDINECARBOXIMIDAMIDE, N-(2,5-DIMETHOXYPHENYL)- see: NS0985000
3-PYRIDINECARBOXIMIDAMIDE, N-(3-FLUOROPHENYL)- see: QS4730000
4-PYRIDINECARBOXIMIDAMIDE, N-(3-FLUOROPHENYL)- see: NS0986000
4-PYRIDINECARBOXIMIDAMIDE, N-(2-HYDROXYPHENYL)- see: NS0987000
3-PYRIDINECARBOXIMIDAMIDE, N-(2-METHOXYPHENYL)- see: QS4740000
3-PYRIDINECARBOXIMIDAMIDE, N-(4-METHOXYPHENYL)- see: QS4750000
4-PYRIDINECARBOXIMIDAMIDE, N-(2-METHOXYPHENYL)- see: NS0989000
4-PYRIDINECARBOXIMIDAMIDE, N-(4-METHOXYPHENYL)- see: NS0990000
3-PYRIDINECARBOXIMIDAMIDE, N-(4-METHYLPHENYL)- see: QS4780000
4-PYRIDINECARBOXIMIDAMIDE, N-(4-METHYLPHENYL)- see: NS0994000
3-PYRIDINECARBOXIMIDAMIDE, N-1-NAPHTHALENYL- see: QS4760000
3-PYRIDINECARBOXIMIDAMIDE, N-2-NAPHTHALENYL- see: QS4770000
4-PYRIDINECARBOXIMIDAMIDE, N-2-NAPHTHALENYL- see: NS0992000
4-PYRIDINECARBOXIMIDAMIDE, N-1-NAPHTHLENYL- see: NS0991000
4-PYRIDINECARBOXIMIDAMIDE, N-PHENYL- see: NS0993000
3-PYRIDINECARBOXIMIDAMIDE, N-(3-(TRIFLUOROMETHYL)PHENYL)- see: QS4790000
4-PYRIDINECARBOXIMIDAMIDE, N-(3-(TRIFLUOROMETHYL)PHENYL- see: NS0995000
3-PYRIDINECARBOXIMIDAMIDE, N-(3,4,5-TRIMETHOXYPHENYL)- see: QS4800000
4-PYRIDINECARBOXIMIDAMINE, N-(4-CHLOROPHENYL)- see: NS0980000

US4678000 4-PYRIDINECARBOXIMIDOTHIOIC ACID, N-HYDROXY-, 2-(DIETHYLAMINO)ETHYL ESTER, DIHYDROCHLORIDE
UPDT:8303 CAS: 58373-20-9 MW: 326.32 MOLFM: C12-H19-N3-O-S.2Cl-H
SYN: N-HYDROXY-4-PYRIDINECARBOXIMIDOTHIOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER, DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1Y23 ims-rat LD50:800 mg/kg PCJOAU 9,699,76

US4679000 4-PYRIDINECARBOXIMIDOTHIOIC ACID, N-HYDROXY-, 2-(DIETHYLAMINO)ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8303 CAS: 58373-19-6 MW: 289.86 MOLFM: C12-H19-N3-O-S.Cl-H
SYN: N-HYDROXY-4-PYRIDINECARBOXIMIDOTHIOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1Y23 ims-rat LD50:400 mg/kg PCJOAU 9,699,76

PYRIDINE-3-CARBOXYDIETHYLAMIDE see: QS4375000
alpha-PYRIDINECARBOXYLIC ACID see: TJ7344000
o-PYRIDINECARBOXYLIC ACID see: TJ7344000
2-PYRIDINECARBOXYLIC ACID (9CI) see: TJ7344000
3-PYRIDINECARBOXYLIC ACID see: QT0525000
4-PYRIDINECARBOXYLIC ACID see: NS1103000
PYRIDINE-beta-CARBOXYLIC ACID see: QT0525000
PYRIDINE-3-CARBOXYLIC ACID see: QT0525000
3-PYRIDINECARBOXYLIC ACID, 2-((4-(ACETYLAMINO)PHENYL)SULFONYL)HYDRAZIDE see: QT0590000
4-PYRIDINECARBOXYLIC ACID, 2-((4-(ACETYLAMINO)PHENYL)SULFONYL)HYDRAZIDE see: NS1104000
4-PYRIDINECARBOXYLIC ACID, 2-ACETYLHYDRAZIDE see: MU7400000
PYRIDINE-3-CARBOXYLIC ACID AMIDE see: QS3675000
3-PYRIDINECARBOXYLIC ACID AMIDE see: QS3675000
3-PYRIDINECARBOXYLIC ACID, 2,2-BIS(((3-PYRIDINYLCARBONYL)OXY)METHYL)-1,3-PROPANEDIYL ESTER see: QT1980000

US5625000 2-PYRIDINECARBOXYLIC ACID, 5-BUTYL-
UPDT:8408 CAS: 536-69-6 MW: 179.24 MOLFM: C10-H13-N-O2
SYN: 5-BUTYLPICOLINIC ACID * 5-BUTYL-2-PYRIDINECARBOXYLIC ACID * FUSARIC ACID * FUSARINIC ACID
TOXICITY DATA AND REFERENCES:
1H02 orl-mus LD50:230 mg/kg ARZNAD 25,55,75
* ipr-mus LD50:80 mg/kg 85ERAY 3,1873,78
* ivn-mus LD50:100 mg/kg 85ERAY 3,1873,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

4-PYRIDINECARBOXYLIC ACID ((2-CARBOXY-3,4-DIMETHOXYPHENYL)METHYLENE)HYDRAZIDE see: TH7010000

2-PYRIDINECARBOXYLIC ACID, 6-CHLORO- see: TJ7535000
2-PYRIDINECARBOXYLIC ACID, 5-(3-CHLOROBUTYL)- see: TJ7540000 PICOLINIC ACID, 5-(3-CHLOROBUTYL)-
2-PYRIDINECARBOXYLIC ACID, 5-(4-CHLOROBUTYL)- see: TJ7542000 PICOLINIC ACID, 5-(4-CHLOROBUTYL)-
3-PYRIDINECARBOXYLIC ACID, 2-((3-CHLORO-2-METHYLPHENYL)AMINO)- (9CI) see: QT0960000NICOTINIC ACID, 2-(3-CHLORO-o-TOLUIDINO)-
2-PYRIDINECARBOXYLIC ACID, 5-(5-CHLOROPENTYL)- see: TJ7550200 PICOLINIC ACID, 5-(5-CHLOROPENTYL)-
PYRIDINE-4-CARBOXYLIC ACID-(DEXAMETHASONE-21') ESTER see: TU4060000
PYRIDINE-3-CARBOXYLIC ACID DIETHYLAMIDE see: QS4375000
PYRIDINE-2-CARBOXYLIC ACID ESTER with CHOLINE IODIDE see: GA4890000
PYRIDINE-3-CARBOXYLIC ACID ESTER with CHOLINE CHLORIDE see: GA2150000
PYRIDINE-4-CARBOXYLIC ACID ESTER with CHOLINE IODIDE see: GA4770000
4-PYRIDINECARBOXYLIC ACID (1-(2-FURANYL)ETHYLIDENE)HYDRAZONE see: NS2000000
4-PYRIDINECARBOXYLIC ACID, HYDRAZIDE see: NS1750000
3-PYRIDINECARBOXYLIC ACID, (2-HYDROXY-1,3-CYCLOHEXANEDIYLIDENE)TETRAKIS(METHYLENE) ESTER see: QT2065000

US5783700 3-PYRIDINECARBOXYLIC ACID, 2-(METHOXYCARBONYL)PHENYL ESTER, 1-OXIDE
UPDT:8405 CAS: 65101-46-4 MW: 273.26 MOLFM: C14-H11-N-O5
SYN: 2-(METHOXYCARBONYL)PHENYL 3-PYRIDINECARBOXYLATE 1-OXIDE
TOXICITY DATA AND REFERENCES:

1Y55	ipr-mus LD50:1160 mg/kg	FAVUAI 9,17,77

2-PYRIDINECARBOXYLIC ACID, 5-(3-METHYLBUTYL)- see: TJ7554600 PICOLINIC ACID, 5-ISOPENTYL-
3-PYRIDINECARBOXYLIC ACID, 2-((4-METHYLPHENYL)SULFONYL)HYDRAZIDE (9CI) see: QT2999000
4-PYRIDINECARBOXYLIC ACID 2-(3-OXO-3-((PHENYLMETHYL)AMINO)PROPYL)HYDRAZIDE see: NS1225000
3-PYRIDINECARBOXYLIC ACID, PHENYLMETHYL ESTER see: QT0850000
3-PYRIDINECARBOXYLIC ACID, 1,2,5,6-TETRAHYDRO-1-METHYL- (9CI) see: QT2070000
3-PYRIDINECARBOXYLIC ACID, 1,2,5,6-TETRAHYDRO-1-NITROSO-, METHYL ESTER see: QT2285000
4-PYRIDINECARBOXYLIC ACID, 2-((p-TOLYL)SULFONYL)HYDRAZIDE see: NS2293000
PYRIDINE-CARBOXYLIQUE-2 (French) see: TJ7344000
PYRIDINE-CARBOXYLIQUE-3 (French) see: QT0525000

US5950000 PYRIDINE, 2-CHLORO-
UPDT:8201 CAS: 109-09-1 MW: 113.55 MOLFM: C5-H4-Cl-N
SYN: o-CHLOROPYRIDINE * alpha-CHLOROPYRIDINE * 2-CHLOROPYRIDINE * 2-CHLOROPYRIDINE (DOT) * UN 2822 (DOT)
TOXICITY DATA AND REFERENCES:

3F07F25L30	inl-rat LCLo:100 ppm/4H	TXAPA9 11,361,67
3F07F25L30	orl-mus LD50:110 mg/kg	TXAPA9 11,361,67
	ipr-mus LD50:130 mg/kg	TXAPA9 11,361,67
	skn-rbt LD50:64 mg/kg	TXAPA9 11,361,67
	ipr-rbt LD50:48 mg/kg	TXAPA9 11,361,67

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL-POISON	CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

US6125000 PYRIDINE, 3-CHLORO-
UPDT:8312 CAS: 626-60-8 MW: 113.55 MOLFM: C5-H4-Cl-N
SYN: m-CHLOROPYRIDINE * 3-CHLOROPYRIDINE
TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:235 mg/kg	TXAPA9 11,361,67

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

US6350000 PYRIDINE, 2-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHOXY)BENZYL)-, MALEATE (1:1)
UPDT:8402 CAS: 3505-38-2 MW: 406.90 MOLFM: C16-H19-Cl-N2-O C4-H4-O4
SYN: ALLERGEFON MALEATE * CARBINOXAMINE MALEATE * p-CARBINOXAMINE MALEATE * 2-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHOXY)BENZYL)PYRIDINE BIMALEATE * 2-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHOXY)BENZYL)PYRIDINE MALEATE * CLISTIN * CLISTIN MALEATE * CLISTINE MALEATE * ETHANAMINE, 2-((4-CHLOROPHENYL)-2-PYRIDINYLMETHOXY)-N,N-DIMETHYL-, (Z)-2-BUTENEDIOATE (1:1)
TOXICITY DATA AND REFERENCES:

	orl-mus LD50:162 mg/kg	CLDND*
*	ipr-mus LD50:150 mg/kg	TOIZAG 15,367,68
*	scu-mus LD50:350 mg/kg	TOIZAG 15,367,68
	ivn-mus LD50:32 mg/kg	CLDND*
	ivn-dog LDLo:36 mg/kg	CLDND*
	orl-gpg LD50:411 mg/kg	CLDND*
*	scu-gpg LD50:120 mg/kg	APFRAD 20,463,62

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

US6360000 PYRIDINE, 4-(2-(m-CHLORO-N-(2-(DIMETHYLAMINO)ETHYL)ANILINO)ETHYL)-
UPDT:8312 MW: 303.87 MOLFM: C17-H22-Cl-N3
SYN: 4-(2-(m-CHLORO-N-(2-(DIMETHYLAMINO)ETHYL)ANILINO)ETHYL)PYRIDINE
TOXICITY DATA AND REFERENCES:

3F25H02Y55	scu-mus LDLo:400 mg/kg	JPMSAE 50,1035,61

US6365000 PYRIDINE, 4-(2-(p-CHLORO-N-(2-(DIMETHYLAMINO)ETHYL)ANILINO)ETHYL)-, DIPICRATE
UPDT:8312 MW: 762.11 MOLFM: C17-H22-Cl-N3 2C6-H3-N3-O7
SYN: 4-(2-(p-CHLORO-N-(2-(DIMETHYLAMINO)ETHYL)ANILINO)ETHYL)PYRIDINE DIPICRATE
TOXICITY DATA AND REFERENCES:

2F25Y55	scu-mus LDLo:250 mg/kg	JPMSAE 50,1035,61

US6379500 PYRIDINE, 2-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)-
UPDT:8412 CAS: 132-22-9 MW: 274.82 MOLFM: C16-H19-Cl-N2
SYN: ALLERGICAN * ALLERGISAN * 2-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)PYRIDINE * 4-CHLOROPHENIRAMINE * CHLOROPHENYLPYRIDAMINE * CHLOROPROPHENPYRIDAMINE * CHLORPHENAMINE * CHLORPHENIRAMINE * CHLORPROPHENPYRIDAMINE * CLORFENIRAMINA (Italian) * CLOROPIRIL * HAYNON * HISTADUR * POLARONIL * 2-PYRIDINEPROPANAMINE, gamma-(4-CHLOROPHENYL)-N,N-DIMETHYL- (9CI)
TOXICITY DATA AND REFERENCES:

2F12F17	orl-rat LD50:535 mg/kg	BCFAAI 109,132,70
2F12F17	orl-mus LD50:261 mg/kg	BCFAAI 109,132,70
*	ipr-mus LD50:125 mg/kg	YKKZAJ 92,1339,72
*	scu-mus LD50:160 mg/kg	BCFAAI 111,293,72

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

US6400000 PYRIDINE, 2-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)-, HYDROCHLORIDE
UPDT:8403 CAS: 56343-98-7 MW: 311.28 MOLFM: C16-H19-Cl-N2 Cl-H
SYN: CHLORPROPHENPYRIDAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:

	ivn-dog LDLo:64 mg/kg	JPETAB 113,72,55

US6475000 PYRIDINE, 2-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)-, MALEATE (1:1)
UPDT:8412 CAS: 113-92-8 MW: 390.90 MOLFM: C16-H19-Cl-N2 C4-H4-O4
SYN: ALLERCLOR * ALLERGIN * ALLERGISAN * ALUNEX * ANTAGONATE * CARBINOXAMIDE MALEATE * CHLORMENE * dl-2(-p-CHLORO-alpha-2-(DIMETHYLAMINO)ETHYLBENZYL)PYRIDINE BIMALEATE * CHLOROPROPHENPYRIDAMINE MALEATE * CHLORPHENIRAMINE MALEATE * 1-p-CHLOROPHENYL-1-(2-PYRIDYL)-3-DIMETHYLAMINOPROPANE MALEATE * CHLOR-TRIMETON * CHLOR-TRIMETON MALEATE * CHLOR-TRIPOLON * CLOROPIRIL * C-METON * HISTADUR * HISTADUR DURA-TABS * HISTALEN * HISTAPAN * IBIOTON * LORPHEN * M.P. CHLORCAPS T.D. * NCI-C55265 * NEORESTAMIN * PIRIEX * PIRITON * POLARONIL (German) * PYRIDAMAL 100 * SYNISTAMIN * TELDRIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T71T75T76	orl-mus TDLo:420 mg/kg (1-21D preg)	ARZNAD 18,188,68
2T25T27	orl-mus TDLo:4200 mg/kg (1-21D preg)	ARZNAD 18,188,68

TOXICITY DATA AND REFERENCES:

	scu-rat LD50:365 mg/kg	TXAPA9 18,185,71
*	ivn-mus LD50:20 mg/kg	NIIRDN 6,250,82
	orl-bwd LC50:75 mg/kg	TXAPA9 21,315,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JRPMAP 12(1),27,74
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

US6502000 PYRIDINE, 2-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)-, MALEATE (1:1), (-)-
UPDT:8306 CAS: 23095-76-3 MW: 390.90 MOLFM: C16-H19-Cl-N2 C4-H4-O4
SYN: (-)-2-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)PYRIDINE MALEATE * l-CHLORPHENIRAMINE MALEATE
TOXICITY DATA AND REFERENCES:

3D16F11F12	orl-gpg LD50:176 mg/kg	JPETAB 124,347,58

US6503000 PYRIDINE, 2-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)-, MALEATE (1:1), (+-)-
UPDT:8306 MW: 390.90 MOLFM: C16-H19-Cl-N2 C4-H4-O4
SYN: (+-)-2-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)PYRIDINE MALEATE * dl-CHLORPHENIRAMINE MALEATE
TOXICITY DATA AND REFERENCES:

3D16F11F12	orl-rat LD50:168 mg/kg	JPETAB 124,347,58
3D16F11F12	ipr-rat LD50:127 mg/kg	JPETAB 124,347,58
3D16F11F12	orl-mus LD50:172 mg/kg	JPETAB 124,347,58
3D16F11F12	ipr-mus LD50:104 mg/kg	JPETAB 124,347,58
3D16F11F12	ivn-mus LD50:28 mg/kg	JPETAB 124,347,58
3D16F11F12	orl-gpg LD50:265 mg/kg	JPETAB 124,347,58

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

US6504000 PYRIDINE, 2-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)-, MALEATE (1:1), (+)-
UPDT:8407 CAS: 2438-32-6 MW: 390.90 MOLFM: C16-H19-Cl-N2 C4-H4-O4
SYN: (+)-2-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)PYRIDINE MALEATE * (+)-CHLORPHENIRAMINE MALEATE * d-CHLORPHENIRAMINE MALEATE * S-(+)-CHLORPHENIRAMINE MALEATE * DEXCHLOROPHENIRAMINE MALEATE * DEXCHLORPHENIRAMINE MALEATE * DEXTROCHLORPHENIRAMINE MALEATE * POLARAMIN * POLARAMINE MALEATE * PORAMINE MALEATE
TOXICITY DATA AND REFERENCES:

3D16F11F12	orl-rat LD50:267 mg/kg	JPETAB 124,347,58
3D16F11F12	ipr-rat LD50:119 mg/kg	JPETAB 124,347,58
3C16F11F12	orl-mus LD50:189 mg/kg	JPETAB 124,347,58
3D16F11F12	ipr-mus LD50:117 mg/kg	JPETAB 124,347,58
3D16F11F12	ivn-mus LD50:28 mg/kg	JPETAB 124,347,58
3D16F11F12	orl-gpg LD50:240 mg/kg	JPETAB 124,347,58

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

US6504500 PYRIDINE, 4-(2-(m-CHLORO-N-(3-(DIMETHYLAMINO)PROPYL)ANILINO)ETHYL)-, DIPICRATE
UPDT:8312 MW: 776.14 MOLFM: C18-H24-Cl-N3 2C6-H3-N3-O7
SYN: 4-(2-(m-CHLORO-N-(3-(DIMETHYLAMINO)PROPYL)ANILINO)ETHYL)PYRIDINE DIPICRATE
TOXICITY DATA AND REFERENCES:

3F29H02Y55	scu-mus LDLo:500 mg/kg	JPMSAE 50,1035,61

US6825000 PYRIDINE, 2-CHLOROMETHYL-, HYDROCHLORIDE
UPDT:8412 CAS: 6959-47-3 MW: 164.04 MOLFM: C6-H6-Cl-N Cl-H
SYN: 2-(CHLOROMETHYL) PYRIDINE, HYDROCHLORIDE * NCI-C03907 * 2-PICOLYL CHLORIDE HYDROCHLORIDE * 2-PYRIDYLMETHYLCHLORIDE HYDROCHLORIDE
MUTATION DATA AND REFERENCES:

	mmo-sat 1 mg/plate	NTPTB* APR 82
	mma-sat 1 mg/plate	NTPTB* APR 82

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:316 mg/kg	NCILB* NCI-E-C-72-3252
	orl-mus LD50:316 mg/kg	NCILB* NCI-E-C-72-3252

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE,RAT (NCITR* NCI-CG-TR-178,79)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

US7000000 PYRIDINE, 3-CHLOROMETHYL-, HYDROCHLORIDE
UPDT:8412 CAS: 6959-48-4 MW: 164.04 MOLFM: C6-H6-Cl-N Cl-H
SYN: 3-(CHLOROMETHYL) PYRIDINE, HYDROCHLORIDE * NCI-C03838
MUTATION DATA AND REFERENCES:

	mmo-sat 333 ug/plate	IAPUDO 27,283,80
	otr-rat:emb 640 ng/plate	JJATDK 1,190,81

TUMORIGENIC DATA AND REFERENCES:

3V01K60V10	orl-rat TDLo:37 gm/kg/83W-I	NCITR* NCI-CG-TR-95,78
3V01K60V10	orl-mus TDLo:49 gm/kg/81W-I	NCITR* NCI-CG-TR-95,78

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:316 mg/kg	NCILB* NCI-E-C-72-3252
	orl-mus LD50:316 mg/kg	NCILB* NCI-E-C-72-3252

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-95,78)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

US7350000 PYRIDINE, 2-((5-CHLORO-2-THENYL)(2-(DIMETHYLAMINO)ETHYL)AMINO)-
UPDT:8307 CAS: 148-65-2 MW: 295.86 MOLFM: C14-H18-Cl-N3-S
SYN: CHLOROMETHAPYRILENE * CHLOROPYRILENE * CHLOROTHEN * 2-((5-CHLORO-2-THENYL)(2-DIMETHYLAMINOETHYL)AMINO)PYRIDINE * CHLOROTHENYLPYRAMINE * N,N-DIMETHYL-N'-(2-PYRIDYL)-N'-(5-CHLORO-2-THENYL)ETHYLENEDIAMINE * ETHYLENEDIAMINE, N-(5-CHLORO-2-THENYL)-N',N'-DIMETHYL-N-2-PYRIDYL- * NCI-C60559 * PYRITHEN * TAGATHEN * 2-THENYLAMINE, 5-CHLORO-N-(2-(DIMETHYLAMINO)ETHYL)-N-2-PYRIDYL-
TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:105 mg/kg	JPETAB 96,388,49

US7525000 PYRIDINE, 2-CHLORO-6-(TRICHLOROMETHYL)-
UPDT:8406 CAS: 1929-82-4 MW: 230.90 MOLFM: C6-H3-Cl4-N
SYN: 2-CHLORO-6-(TRICHLOROMETHYL)PYRIDINE * DOWCO 163 * NITRAPYRIN * N-SERVE * N-SERVE NITROGEN STABILIZER
TOXICITY DATA AND REFERENCES:

	orl-rat LD50:940 mg/kg	PCOC** -,819,66
*	unk-rat LD50:3675 mg/kg	GISAAA 48(4),52,83

orl-mus LD50:710 mg/kg GUCHAZ 6,122,73
• unk-mus LD50:3113 mg/kg GISAAA 48(4),52,83
• orl-rbt LD50:500 mg/kg FMCHA2 -,C171,83
skn-rbt LD50:850 mg/kg PCOC** -,819,66
orl-ckn LD50:235 mg/kg 28ZEAL 5,166,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DOEAAH 32,22,76
★ TLV-TWA 10 mg/m3; STEL 20 mg/m3 DTLVS* 4,97,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3,4-PYRIDINEDIAMINE, N(sup 4)-(2-(3,4-DIMETHOXYPHENYL)ETHYL)- see: US1816000 PYRIDINE, 3-AMINO-4-(3,4-DIMETHOXYPHENETHYLAMINO)-
2,6-PYRIDINEDIAMINE, 3-(PHENYLAZO)- see: US7700000
2,6-PYRIDINEDIAMINE, 3-(PHENYLAZO)-, MONOHYDROCHLORIDE see: US7875000

US7700000 PYRIDINE, 2,6-DIAMINO-3-(PHENYLAZO)-
UPDT:8401 CAS: 94-78-0 MW: 213.27 MOLFM: C11-H11-N5
SYN: 2,6-DIAMINO-3-PHENYLAZOPYRIDINE * DIRIDONE * DPP * GASTRACID * GASTROTEST * MALLOPHENE * NC 150 * AP * PHENAZODINE * 3-(PHENYLAZO)-2,6-PYRIDINEDIAMINE * PHENYLAZO TABLET * PHENAZOPYRIDINE * PIRID * PYRAZOFEN * PYRIDACIL * 2,6-PYRIDINEDIAMINE, 3-(PHENYLAZO)- * PYRIDIUM * PYRIPYRIDIUM * SEDURAL * URIDINAL * URODINE * W 1655

TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:310 mg/kg/8W-I CNREA8 33,3069,73
2V02M60 imp-mus TDLo:80 mg/kg BJCAAI 11,212,57

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:560 mg/kg JPETAB 51,200,34

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 8,117,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

US7875000 PYRIDINE, 2,6-DIAMINO-3-(PHENYLAZO)-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 136-40-3 MW: 249.73 MOLFM: C11-H11-N5 Cl-H
SYN: AZODINE * AZODIUM * AZODYNE * AZO GASTANOL * AZO GANTRISIN * AZO MANDELAMINE * AZOMINE * AZO-STANDARD * AZO-STAT * AZOTREX * BARIDIUM * BISTERIL * CYSTAMINE 'MCCLUNG' * CYSTOPYRIN * CYSTURAL * 2,6-DIAMINO-3-PHENYLAZOPYRIDINE HYDROCHLORIDE * 2,6-DIAMINO-3-(PHENYLAZO)PYRIDINE MONOHYDROCHLORIDE * DI-AZO * DIRIDONE * DOLONIL * EUCISTIN * GIRACID * MALLOFEEN * MALLOPHENE * NC 150 * NCI-C01672 * NEFRECIL * PAP * PDF * PHENAZO * PHENAZODINE * PHENAZOPYRIDINE HYDROCHLORIDE * PHENAZOPYRIDINIUM CHLORIDE * PHENYLAZO * PHENYLAZODIAMINOPYRIDINE HYDROCHLORIDE * beta-PHENYLAZO-alpha,alpha'-DIAMINOPYRIDINE HYDROCHLORIDE * 3-PHENYLAZO-2,6-DIAMINOPYRIDINE HYDROCHLORIDE * PHENYLAZO-alpha,alpha'-DIAMINOPYRIDINE MONOHYDROCHLORIDE * PHENYLAZOPYRIDINE HYDROCHLORIDE * 3-(PHENYLAZO)-2,6-PYRIDINEDIAMINE, HYDROCHLORIDE * PHENYLAZO TABLETS * PHENYL-IDIUM * PHENYL-IDIUM 200 * PIRID * PIRIDACIL * PYRAZODINE * PYRAZOFEN * PYREDAL * PYRIDACIL * PYRIDENAL * PYRIDENE * PYRIDIATE * 2,6-PYRIDINEDIAMINE, 3-(PHENYLAZO)-, MONOHYDROCHLORIDE * PYRIDIUM * PYRIDIVITE * PYRIPYRIDIUM * PYRIZIN * SEDURAL * SULADYNE * SULODYNE * THIOSULFIL-A FORTE * URAZIUM * URIDINAL * URIPLEX * UROBIOTIC-250 * URODINE * UROFEEN * UROMIDE * UROPHENYL * UROPYRIDIN * UROPYRINE * UTOSTAN * VESTIN * W 1655

TUMORIGENIC DATA AND REFERENCES:
2V01K61 orl-rat TDLo:225 gm/kg/78W-C NCITR* NCI-CG-TR-99,78
2V01L60 orl-mus TDLo:81 gm/kg/80W-C NCITR* NCI-CG-TR-99,78
2V03K61 orl-rat TD :110 gm/kg/78W-C NCITR* NCI-CG-TR-99,78
2V03L60 orl-mus TD :40 gm/kg/78W-C NCITR* NCI-CG-TR-99,78

TOXICITY DATA AND REFERENCES:
2F07J24 orl-chd TDLo:400 mg/kg AJDCAI 110,105,65
3K12M11U05 orl-wmn TDLo:34 mg/kg AIMEAS 72,89,70
3J24P23P24 orl-chd TDLo:125 mg/kg CPEDAM 10,537,71
3K13P05U03 orl-wmn TDLo:140 mg/kg CMAJAX 91,756,64
orl-rat LD50:403 mg/kg TXAPA9 1,42,59
ipr-rat LDLo:200 mg/kg JPETAB 51,200,34
• ivn-mus LD50:180 mg/kg CSLNX* NX#04014

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 24,163,80
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 24,163,80
★ CARCINOGENIC REVIEW:INDEFINITE IARC** 8,117,75

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-99,78)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRIDINE-2,4-DICARBOHYDROXAMIC ACID see: US7900000 2,4-PYRIDINEDICARBOHYDROXAMIC ACID

US7900000 2,4-PYRIDINEDICARBOHYDROXAMIC ACID
UPDT:8408 CAS: 30240-13-2 MW: 197.17 MOLFM: C7-H7-N3-O4
SYN: PYRIDINE-2,4-DICARBOHYDROXAMIC ACID

MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate MUREAV 135,139,84

US7969300 3,5-PYRIDINEDICARBOXYLIC ACID, 1,4-DIHYDRO-4-(2-(DIFLUOROMETHOXY)PHENYL)-2,6-DIMETHYL-, DIETHYL ESTER
UPDT:8402 MW: 395.44 MOLFM: C20-H23-F2-N-O5
SYN: 2,6-DIMETHYL-3,5-DIETHOXYCARBONYL-4-(o-DIFLUOROMETHOXYPHENYL)-1,4-DIHYDROPYRIDINE

TOXICITY DATA AND REFERENCES:
2H02H05 ipr-mus LD50:110 mg/kg PCJOAU 16,817,82

US7969400 3,5-PYRIDINEDICARBOXYLIC ACID, 1,4-DIHYDRO-4-(4-(DIFLUOROMETHOXY)PHENYL)-2,6-DIMETHYL-, DIETHYL ESTER
UPDT:8402 MW: 395.44 MOLFM: C20-H23-F2-N-O5
SYN: 2,6-DIMETHYL-3,5-DIETHOXYCARBONYL-4-(p-DIFLUOROMETHOXYPHENYL)-1,4-DIHYDROPYRIDINE

TOXICITY DATA AND REFERENCES:
2H02H05 ipr-mus LD50:1000 mg/kg PCJOAU 16,817,82

US7969500 3,5-PYRIDINEDICARBOXYLIC ACID, 1,4-DIHYDRO-4-(2-(DIFLUOROMETHOXY)PHENYL)-2,6-DIMETHYL-, DIMETHYL ESTER
UPDT:8402 CAS: 71653-63-9 MW: 367.38 MOLFM: C18-H19-F2-N-O5
SYN: 2,6-DIMETHYL-3,5-DIMETHOXYCARBONYL-4-(o-DIFLUOROMETHOXYPHENYL)-1,4-DIHYDROPYRIDINE

TOXICITY DATA AND REFERENCES:
2H02H05 ipr-mus LD50:395 mg/kg PCJOAU 16,817,82

US7969600 3,5-PYRIDINEDICARBOXYLIC ACID, 1,4-DIHYDRO-4-(4-(DIFLUOROMETHOXY)PHENYL)-2,6-DIMETHYL-, DIMETHYL ESTER
UPDT:8402 MW: 367.38 MOLFM: C18-H19-F2-N-O5
SYN: 2,6-DIMETHYL-3,5-DIMETHOXYCARBONYL-4-(p-DIFLUOROMETHOXYPHENYL)-1,4-DIHYDROPYRIDINE

TOXICITY DATA AND REFERENCES:
2H02H05 ipr-mus LD50:1000 mg/kg PCJOAU 16,817,82

US7969700 3,5-PYRIDINEDICARBOXYLIC ACID, 1,4-DIHYDRO-4-(o-(DIFLUOROMETHYL)SULFONYL)PHENYL)- 2,6-DIMETHYL-, DIETHYL ESTER
UPDT:8402 MW: 443.50 MOLFM: C20-H23-F2-N-O6-S
SYN: 2,6-DIMETHYL-3,5-DIETHOXYCARBONYL-4-(o-DIFLUOROMETHYLSULFONYLPHENYL)-1,4-DIHYDROPYRIDINE

TOXICITY DATA AND REFERENCES:
2H02H05 ipr-mus LD50:355 mg/kg PCJOAU 16,817,82

US7969800 3,5-PYRIDINEDICARBOXYLIC ACID, 1,4-DIHYDRO-4-(o-(DIFLUOROMETHYL)SULFONYL)PHENYL)- 2,6-DIMETHYL-, DIMETHYL ESTER
UPDT:8402 MW: 415.44 MOLFM: C18-H19-F2-N-O6-S
SYN: 2,6-DIMETHYL-3,5-DIMETHOXYCARBONYL-4-(o-DIFLUOROMETHYLSULFONYLPHENYL)-1,4-DIHYDROPYRIDINE

TOXICITY DATA AND REFERENCES:
2H02H05 ipr-mus LD50:49 mg/kg PCJOAU 16,817,82

US7969900 3,5-PYRIDINEDICARBOXYLIC ACID, 1,4-DIHYDRO-4-(o-(DIFLUOROMETHYLTHIO)PHENYL)-2,6-DIMETHYL-, DIETHYL ESTER
UPDT:8402 MW: 411.50 MOLFM: C20-H23-F2-N-O4-S
SYN: 2,6-DIMETHYL-3,5-DIETHOXYCARBONYL-4-(o-(DIFLUOROMETHYLTHIO)PHENYL)-1,4-DIHYDROPYRIDINE

TOXICITY DATA AND REFERENCES:
2H02H05 ipr-mus LD50:125 mg/kg PCJOAU 16,817,82

US7970000 2,6-PYRIDINEDICARBOXYLIC ACID, 1,4-DIHYDRO-3,5-DIIODO-1-METHYL-4-OXO-, DISODIUM SALT
UPDT:8405 CAS: 519-26-6 MW: 492.90 MOLFM: C8-H3-I2-N-O5 2Na
SYN: 1,4-DIHYDRO-3,5-DIIODO-1-METHYL-4-OXO-2,6-PYRIDINEDICARBOXYLIC ACID DISODIUM SALT * D 40 * 3,5-DIIODO-1-METHYLCHELIDAMIC ACID SODIUM SALT * DISODIUM 1,4-DIHYDRO-3,5-DIIODO-1-METHYL-4-OXO-2,6-PYRIDINEDICARBOXYLATE * DISODIUM N-METHYL-3,5-DIIODO-4-PYRIDONE-2,6-DICARBOXYLATE * IODOMETHAMATE SODIUM * IODOXYL * neo-IOPAX * neo-IOPAX R * neo-IOPAX SODIUM * SODIUM IODOMETHAMATE * ULTRAREN SODIUM * URIDOGNOST * UROPAC * UROSELECTAN B * UROTRAST * URUMBRIN

TOXICITY DATA AND REFERENCES:
ivn-rat LD50:6800 mg/kg JPETAB 116,394,56
ivn-mus LD50:4000 mg/kg JPETAB 116,394,56
ivn-dog LD50:7130 mg/kg MECHAN 6,344,63
ivn-cat LD50:6300 mg/kg MECHAN 6,344,63
ivn-rbt LD50:5100 mg/kg MECHAN 6,344,63

US7970300 PYRIDINE-2,6-DICARBOXYLIC ACID, DIHYDRO-3,5-DIIODO-1-METHYL-, DISODIUM SALT
UPDT:8405 MW: 493.91 MOLFM: C8-H4-I2-N-O5 2Na
SYN: DIHYDRO-3,5-DIIODO-1-METHYLPYRIDINE-2,6-DICARBOXYLIC ACID DISODIUM SALT * 3,5-DIJOD-4-PYRIDOXYL-N-METHYL-2,6-DICARBONSAEURE NATRIUM (German)

TOXICITY DATA AND REFERENCES:
• ivn-rat LD50:9000 mg/kg AEPPAE 222,584,54

US7971300 3,5-PYRIDINEDICARBOXYLIC ACID, 1,4-DIHYDRO-2,6-DIMETHYL-4-(o-HYDROXYPHENYL)-, DIETHYL ESTER, TRIFLUOROMETHANESULFONATE (ester)
UPDT:8402 MW: 477.49 MOLFM: C20-H22-F3-N-O7-S

TOXICITY DATA AND REFERENCES:
2H02H05 ipr-mus LD50:96 mg/kg PCJOAU 16,817,82

US7972100 3,5-PYRIDINEDICARBOXYLIC ACID, 1,4-DIHYDRO-2,6-DIMETHYL-4-(m-NITROPHENYL)-, 2-(BENZYLMETHYL AMINO)ETHYL METHYL ESTER, MONOHYDROCHLORIDE
UPDT:8408 CAS: 54527-84-3 MW: 516.04 MOLFM: C26-H29-N3-O6 Cl-H
SYN: NICARDIPINE HYDROCHLORIDE * NICODEL * PERDIPINE * RS-69216 * YC 93

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T12 orl-rat TDLo:9100 mg/kg (91D pre) OYYAA2 18,391,79
1T26 orl-rat TDLo:1050 mg/kg (14D pre/1-7D preg) KSRNAM 13,1160,79
1T24 orl-rat TDLo:2100 mg/kg (14D pre/1-7D preg) KSRNAM 13,1160,79
1T75 orl-rat TDLo:2700 mg/kg (17-22D preg/21D post) KSRNAM 13,1160,79
1T81 orl-rat TDLo:1350 mg/kg (17-22D preg/21D post) KSRNAM 13,1160,79
1T02 orl-rat TDLo:9100 mg/kg (91D male) OYYAA2 18,391,79
3T25T26T35 orl-rbt TDLo:1650 mg/kg (7-17D preg) KSRNAM 13,1160,79

TOXICITY DATA AND REFERENCES:
• orl-rat LD50:187 mg/kg ARZNAD 26,2172,76
• ipr-rat LD50:155 mg/kg NIIRDN 6,543,82
• scu-rat LD50:683 mg/kg NIIRDN 6,543,82
• ivn-rat LD50:16 mg/kg ARZNAD 26,2172,76
• orl-mus LD50:634 mg/kg ARZNAD 26,2172,76
• ipr-mus LD50:144 mg/kg NIIRDN 6,543,82
• scu-mus LD50:540 mg/kg NIIRDN 6,543,82
ivn-mus LD50:19900 ug/kg OYYAA2 18,301,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

US7972200 3,5-PYRIDINEDICARBOXYLIC ACID, 1,4-DIHYDRO-2,6-DIMETHYL-4-(m-NITROPHENYL)-, BIS(2-PROPOXYETHYL) ESTER
UPDT:8305 CAS: 22609-73-0 MW: 490.61 MOLFM: C25-H34-N2-O8
SYN: BAY-a 7168 * BIS(2-PROPOXYETHYL) 1,4-DIHYDRO-2,6-DIMETHYL-4-(3-NITROPHENYL)-3,5-PYRIDINEDICARBOXYLATE * NILUDIPINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T16T72T75 orl-rat TDLo:1350 mg/kg (17-21D preg/21D post) IYKEDH 12,1100,81
2T76T81 orl-rat TDLo:6750 mg/kg (17-21D preg/21D post) IYKEDH 12,1100,81
1T85 orl-rat TDLo:270 mg/kg (17-21D preg/21D post) IYKEDH 12,1100,81

TOXICITY DATA AND REFERENCES:
2F07J22 orl-rat LD50:1469 mg/kg IYKEDH 12,714,81
2F07J22 scu-rat LD50:830 mg/kg IYKEDH 12,714,81
2F07J22 ivn-rat LD50:40 mg/kg IYKEDH 12,714,81
2F07J22 orl-mus LD50:1415 mg/kg IYKEDH 12,714,81
2F07J22 scu-mus LD50:642 mg/kg IYKEDH 12,714,81
2F07J22 ivn-mus LD50:90 mg/kg IYKEDH 12,714,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

US7975000 3,5-PYRIDINEDICARBOXYLIC ACID, 1,4-DIHYDRO-2,6-DIMETHYL-4-(2-NITROPHENYL)-, DIMETHYL ESTER
UPDT:8411 CAS: 21829-25-4 MW: 346.37 MOLFM: C17-H18-N2-O6
SYN: ADALAT * BAY 1040 * BAY A 1040 * CITILAT * CORDIPIN * 1,4-DIHYDRO-2,6-DIMETHYL-4-(2-NITROPHENYL)-3,5-PYRIDINEDICARBOXYLIC ACID DIMETHYL ESTER * NIFEDIN * NIFEDIPINE * NIFELAT * 4-(2'-NITROPHENYL)-2,6-DIMETHYL-3,5-DICARBOMETHOXY-1,4-DIHYDROPYRIDINE * OXCORD * PROCARDIA

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T47 orl-rat TDLo:23300 ug/kg (7-16D preg) TJADAB 29(3),21,84

TOXICITY DATA AND REFERENCES:
2G30K13 orl-hmn TDLo:200 ug/kg BMJOAE 1,1181,78
3H06R03S15 orl-hmn TDLo:4 mg/kg/7D BMJOAE 1,578,78
3F17J22J26 orl-rat LD50:15500 mg/kg ARZNAD 22,1,72
• ipr-rat LD50:280 mg/kg NIIRDN 6,548,82
3F17J22J26 ivn-rat LD50:15500 ug/kg ARZNAD 22,1,72
orl-mus LD50:494 mg/kg 85ESA3 9,849,76
2H02H05 ipr-mus LD50:185 mg/kg PCJOAU 16,817,82
3F17J22J26 ivn-mus LD50:4200 ug/kg ARZNAD 22,1,72
3F17J22J26 orl-cat LD50:100 mg/kg ARZNAD 22,1,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

US7977600 3,5-PYRIDINEDICARBOXYLIC ACID, 1,4-DIHYDRO-2,6-DIMETHYL-4-(o-(TRIFLUOROMETHYLSULFONYL) PHENYL)-, DIETHYL ESTER
UPDT:8402 MW: 461.49 MOLFM: C20-H22-F3-N-O6-S

SYN: 2,6-DIMETHYL-3,5-DIETHOXYCARBONYL-4-(o-(TRIFLUOROMETHYLSULFONYL)PHENYL)-1,4-DIHYDROPYRIDINE
TOXICITY DATA AND REFERENCES:
2H02H05 ipr-mus LD50:42 mg/kg PCJOAU 16,817,82

US7977700 3,5-PYRIDINEDICARBOXYLIC ACID, 1,4-DIHYDRO-2,6-DIMETHYL-4-(alpha,alpha,alpha-TRIFLUORO- m-TOLYL)-, DIETHYL ESTER
UPDT:8402 MW: 397.43 MOLFM: C20-H22-F3-N-O4
TOXICITY DATA AND REFERENCES:
2H02H05 ipr-mus LD50:500 mg/kg PCJOAU 16,817,82

US7977800 3,5-PYRIDINEDICARBOXYLIC ACID, 1,4-DIHYDRO-2,6-DIMETHYL-4-(alpha,alpha,alpha-TRIFLUORO-o- TOLYL)-, DIETHYL ESTER
UPDT:8402 CAS: 23191-75-5 MW: 397.43 MOLFM: C20-H22-F3-N-O4
SYN: FTORIN * FTORIN (PHARMACEUTICAL) * SKF 24260 * 4-(2-TRIFLUOROMETHYLPHENYL)-3,5-DICARBETHOXY-2,6-DIMETHYL-1,4-DIHYDROPYRIDINE
TOXICITY DATA AND REFERENCES:
2F07H02 orl-rat LD50:1225 mg/kg JMCMAR 17,956,74
2F07H02 ivn-rat LDLo:5 mg/kg JMCMAR 17,956,74
1F07 orl-mus LD50:1480 mg/kg JMCMAR 17,956,74
2H02H05 ipr-mus LD50:38 mg/kg PCJOAU 16,817,82
3F07G10H02 ivn-dog LDLo:700 ug/kg JMCMAR 17,956,74

US7977900 3,5-PYRIDINEDICARBOXYLIC ACID, 1,4-DIHYDRO-2,6-DIMETHYL-4-(alpha,alpha,alpha-TRIFLUORO- o-TOLYL)-, DIMETHYL ESTER
UPDT:8402 CAS: 53219-40-2 MW: 369.37 MOLFM: C18-H18-F3-N-O4
TOXICITY DATA AND REFERENCES:
2H02H05 ipr-mus LD50:700 mg/kg PCJOAU 16,817,82

US7980000 2,5-PYRIDINEDICARBOXYLIC ACID, DIISOPROPYL ESTER
UPDT:8309 CAS: 3737-22-2 MW: 251.31 MOLFM: C13-H17-N-O4
SYN: DIPROPYL PYRIDINE-2,5-DICARBOXYLATE * ISOCINCHOMERONIC ACID, DIPROPYL ESTER * MGK R-326 * MGK REPELLENT 326
TOXICITY DATA AND REFERENCES:
skn-rat LD50:9400 mg/kg 31ZOAD 1,186,68

US8000000 2,5-PYRIDINEDICARBOXYLIC ACID, DIPROPYL ESTER
UPDT:8309 CAS: 136-45-8 MW: 251.31 MOLFM: C13-H17-N-O4
SYN: ENT 17591 * MGK 326 * MGK R-326 * MGK REPELLENT-326 * DIPROPYL ISOCINCHOMERONATE * DI-n-PROPYL-ISOCINCHOMERONATE (German) * DIPROPYL 2,5-PYRIDINEDICARBOXYLATE * PYRIDIN-2,5-DICARBONSAEURE-DI-n-PROPYLESTER (German) * R-326
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5230 mg/kg 28ZEAL 5,94,76
skn-rat LD50:9400 mg/kg 28ZEAL 5,94,76
skn-rbt LD50:9500 mg/kg 85DPAN -,-,71/76

US8010000 2,3-PYRIDINEDICARBOXYLIC ACID, STRONTIUM SALT
UPDT:8309 MW: 252.73 MOLFM: C7-H3-N-O4-Sr
SYN: KINUBON * STRONTIUM QUINOLINOLATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1550 mg/kg FMCHA2 -,C136,83

US8650000 PYRIDINE, 2-(1,2-DICHLOROETHYL)-, HYDROCHLORIDE
UPDT:8401 CAS: 1532-19-0 MW: 212.51 MOLFM: C7-H7-Cl2-N Cl-H
SYN: CLEP * 2-(alpha,beta-DICHLORETHYL)-PYRIDINE HYDROCHLORIDE * 2-(1,2-DICHLOROETHYL)PYRIDINE HYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
2V01K60 orl-rat TDLo:5940 mg/kg/84W-C GANMAX 3,51,66
3V03K60V10 skn-mus TDLo:19 gm/kg/37W PAACA3 9,28,68
3V02K60L60 mul-mus TDLo:2640 mg/kg/37W-I GANMAX 3,51,66
2V03K60 orl-rat TD :8580 mg/kg/89W-C PAACA3 9,28,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

US8712600 PYRIDINE, 4-(2-(2-(DIETHYLAMINO)ETHOXY)ETHYL)-
UPDT:8411 CAS: 27078-46-2 MW: 222.37 MOLFM: C13-H22-N2-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:125 mg/kg CHTPBA 5,10,70

US8750000 PYRIDINE, 4-((4-(DIETHYLAMINO)PHENYL)AZO)-, 1-OXIDE
UPDT:8401 CAS: 7347-49-1 MW: 270.37 MOLFM: C15-H18-N4-O
SYN: 4-((4-(DIETHYLAMINO)PHENYL)AZO)PYRIDINE 1-OXIDE * N,N-DIETHYL-4-(4'-(PYRIDYL-1'-OXIDE)AZO)ANILINE
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:6426 mg/kg/52W-C JNCIAM 37,365,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2,6-PYRIDINEDIMETHANOL, BIS(METHYLCARBAMATE) (ester) (9CI) see: FC7530000
2,6-PYRIDINEDIMETHANOL, BIS(METHYLNITROSOCARBAMATE) (ester) (9CI) see: FC6627000

US9105000 2,6-PYRIDINEDIMETHANOL, alpha-(sup 6)-(((1,1-DIMETHYLETHYL)AMINO)METHYL)-3-HYDROXY-, DIHYDROCHLORIDE
UPDT:8409 CAS: 38029-10-6 MW: 313.26 MOLFM: C12-H20-N2-O3 2Cl-H
SYN: 6-(2-(tert-BUTYLAMINO)-1-HYDROXYETHYL)-3-HYDROXY-2-PYRIDINEMETHANOL DIHYDROCHLORIDE * PIRBUTEROL DIHYDROCHLORIDE * PYRBUTEROL HYROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:3300 mg/kg (7-17D preg) YACHDS 8,731,80
1T76 orl-rat TDLo:810 mg/kg (17-22D preg/21D post) YACHDS 8,731,80
1T75 orl-rat TDLo:1 gm/kg (17-22D preg/4D post) YACHDS 8,731,80
2T34T35 orl-rbi TDLo:390 mg/kg (6-18D preg) YACHDS 8,731,80
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2800 mg/kg IYKEDH 13,637,82
* scu-rat LD50:700 mg/kg IYKEDH 13,637,82
* ivn-rat LD50:53 mg/kg IYKEDH 13,637,82
* orl-mus LD50:2720 mg/kg IYKEDH 13,637,82
* scu-mus DL50:280 mg/kg IYKEDH 13,637,82
* ivn-mus LD50:42 mg/kg IYKEDH 13,637,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3,4-PYRIDINEDIMETHANOL, 5-HYDROXY-6-METHYL- see: UV1300000
3,4-PYRIDINEDIMETHANOL, 5-HYDROXY-6-METHYL-, HYDROCHLORIDE see: UV1350000

US9156000 2,6-PYRIDINEDIMETHANOL, METHYL CARBAMATE, METHYLNITROSOCARBAMATE
UPDT:8312 MW: 281.28 MOLFM: C11-H13-N4-O5
SYN: N-MONONITROSOPYRIDINOL CARBAMATE
MUTATION DATA AND REFERENCES:
mma-sat 10 nmol/plate CALEDQ 18,143,83
mma-sat 500 nmol/plate CALEDQ 18,143,83
mma-esc 10 nmol/plate CALEDQ 18,143,83
mma-esc 1 umol/plate CALEDQ 18,143,83

US9250000 PYRIDINE, 2-(alpha-(2-(DIMETHYLAMINO)ETHOXY)-alpha-METHYLBENZYL)-
UPDT:8412 CAS: 469-21-6 MW: 270.41 MOLFM: C17-H22-N2-O
SYN: 2-(alpha-(2-(DIMETHYLAMINO)ETHOXY)-alpha-METHYLBENZYL)PYRIDINE * 2-DIMETHYLAMINOETHOXYPHENYLMETHYL-2-PICOLINE * DOXYLAMINE * ETHANAMINE, N,N-DIMETHYL-2-(1-PHENYL-1-(2-PYRIDINYL)ETHOXY)- (9CI) * NCI C60684 * PHENYL-2-PYRIDYLMETHYL-beta-N,N-DIMETHYLAMINOETHYL ETHER
TOXICITY DATA AND REFERENCES:
1F12 scu-rat LD50:440 mg/kg DPIRDU 2(5),17,82
1F12 orl-mus LD50:470 mg/kg DPIRDU 2(5),17,82
1F12 scu-mus LD50:460 mg/kg DPIRDU 2(5),17,82
1F12 ivn-mus LD50:62 mg/kg DPIRDU 2(5),17,82
2F12F21 orl-rbt LD50:250 mg/kg DPIRDU 2(5),17,82
2F12F21 ivn-rbt LD50:49 mg/kg DPIRDU 2(5),17,82
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984

US9275000 PYRIDINE, 2-(alpha-(2-(DIMETHYLAMINO)ETHOXY)-alpha-METHYLBENZYL)-, SUCCINATE (1:1)
UPDT:8403 CAS: 562-10-7 MW: 388.51 MOLFM: C17-H22-N2-O C4-H6-O4
SYN: DECAPRYN * DECAPRYN SUCCINATE * DECARPYN SUCCINATE (1:1) * DIMETHYLAMINOETHOXY-METHYL-BENZYL-PYRIDINE SUCCINATE * 2-(alpha-(2-DIMETHYLAMINOETHOXY)-alpha-METHYLBENZYL)PYRIDINE SUCCINATE * 2-DIMETHYLAMINOETHOXYPHENYLMETHYL-2-PICOLINE SUCCINATE * DOXYLAMINE SUCCINATE * DOXYLAMINE SUCCINATE (1:1) * HOGGAR N * MEREPRINE * PHENYL2-PYRIDYLMETHYL-beta-N,N-DIMETHYLAMINOETHYL ETHER SUCCINATE * UNISOM
TOXICITY DATA AND REFERENCES:
3F12F15U01 orl-rat LDLo:600 mg/kg JAPMA8 37,311,48
orl-mus LD50:470 mg/kg JLCMAK 33,325,48

US9280000 PYRIDINE, 2-((2-(DIMETHYLAMINO)ETHYL)SELENOPHENE-2-YLAMINO)-
UPDT:8411 MW: 294.29 MOLFM: C13-H17-N3-Se
TOXICITY DATA AND REFERENCES:
* par-dog LD50:90 mg/kg 43FLAV 4(3),559,80

US9285000 PYRIDINE, 2-((2-(DIMETHYLAMINO)ETHYL)(SELENOPHENE-2-YLMETHYL)AMINO)-
UPDT:8411 MW: 308.32 MOLFM: C14-H19-N3-Se
TOXICITY DATA AND REFERENCES:
* par-mus LD50:90 mg/kg 43FLAV 4(3),559,80

US9600000 PYRIDINE, 4-(2-(N-(2-(DIMETHYLAMINO)ETHYL)ANILINO)ETHYL)-, DIPICRATE
UPDT:8312 MW: 727.67 MOLFM: C17-H23-N3 2C6-H3-N3-O7
SYN: 4-(2-(N-(2-(DIMETHYLAMINO)ETHYL)ANILINO)ETHYL)PYRIDINE DIPICRATE
TOXICITY DATA AND REFERENCES:
2F25Y55 scu-mus LDLo:200 mg/kg JPMSAE 50,1035,61

UT0175000 PYRIDINE, 2-(alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)-, MALEATE (1:1)
UPDT:8408 CAS: 132-20-7 MW: 356.46 MOLFM: C16-H20-N2 C4-H4-O4
SYN: AVIL-RETARD * DANERAL * 2-(alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)PYRIDINE, BIMALEATE * 2-(alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)PYRIDINE, MALEATE * HO 11513 * INHISTON * PHENIRAMINE MALEATE * PHENYL(2-PYRIDYL)(beta-N,N-DIMETHYLAMINOMETHYL) METHANE MALEATE * 1-PHENYL-1-(2-PYRIDYL)-3-DIMETHYLAMINOPROPANE MALEATE * PROPHENPYRIDAMINE MALEATE * TRIMETON MALEATE * TRIMETOSE
MUTATION DATA AND REFERENCES:
cyt-mus-orl 1120 ug/kg IJEBA6 19,516,81
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:30 mg/kg ATXKA8 29,317,72
3F11F17F43 orl-rat LD50:520 mg/kg KIZAAL 43,168,80
scu-rat LDLo:200 mg/kg CRSBAW 144,837,50
3F11F17F43 orl-mus LD50:268 mg/kg KIZAAL 43,168,80
ivn-dog LDLo:111 mg/kg JPETAB 113,72,55
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT0830000 PYRIDINE, 2-(1-(2-(2-(DIMETHYLAMINO)ETHYL)INDEN-3-YL)ETHYL)-, MALEATE (1:1)
UPDT:8403 CAS: 3614-69-5 MW: 408.54 MOLFM: C20-H24-N2 C4-H4-O4
SYN: DIMETHINDENE MALEATE * DIMETHINDEN MALEATE * DIMETHPYRINDENE MALEATE * DIMETINDENE MALEATE * FENISTIL * FENISTIL-RETARD * FENOSTIL * FORHISTAL MALEATE * 1H-INDENE-2-ETHANAMINE, N,N-DIMETHYL-3-(1-(2-PYRIDINYL)ETHYL)-, (Z)-2-BUTENEDIOATE (1:1) * SU-6518
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:618 mg/kg NIIRDN 6,344,82
* ivn-rat LD50:27 mg/kg MEIEDD 10,468,83
* orl-gpg LD50:880 mg/kg NIIRDN 6,344,82

UT0875000 PYRIDINE, 2-((2-(DIMETHYLAMINO)ETHYL)(p-METHOXYBENZYL)AMINO)-
UPDT:8412 CAS: 91-84-9 MW: 285.43 MOLFM: C17-H23-N3-O
SYN: AFKO-HIST * ANHISTABS * ANHISTOL * ANTALERGAN * MEPYRAMIN (German) * ANTALLERGAN * ANTAMINE * ANTHISAN * COPSAMINE * CORADON * 2-((2-(DIMETHYLAMINO)ETHYL)-(p-METHOXYBENZYL)AMINO)PYRIDINE * DIPANE * DORANTAMIN * ENRUMAY * HARVAMINE * HISTAN * HISTACAP * HISTALON * HISTAPYRAN * HISTASAN * ISAMIN * KRIPTIN * MARANHIST * MINIHIST * MEPIRAMINE * MEPYRAMINE * MEPYREN * N-p-METHOXYBENZYL-N',N'-DIMETHYL-N-alpha-PYRIDYLETHYLENEDIAMINE * N-(p-METHOXYBENZYL)-N',N'-DIMETHYL-N-2-PYRIDYLETHYLENEDIAMINE * NCI-C60651 * NEOANTERGAN * NEOBRIDAL * NYSCAPS * PARAMINYL * PARMAL * PYRA * PYMAFED * PYRAMAL * PYRILAMINE * PYRANISAMINE * PYRILAMINE * R.D. 2786 * RP 2786 * STAMINE * STANGEN * STATOMIN * THYLOGEN * WAIT'S GREEN MOUNTAIN ANTIHISTAMINE
IRRITATION DATA AND REFERENCES:
eye-rbt 1% OPHTAD 143,154,62
eye-rbt 100 mg MLD FCTOD7 20,573,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 ipr-rat TDLo:350 mg/kg (10-16D preg) JPHYA7 164,138,62
2T24T71 ims-rat TDLo:50 mg/kg (5D preg) PSEBAA 100,555,59
TOXICITY DATA AND REFERENCES:
3F04F07F23 unk-hmn TDLo:714 ug/kg JOALAS 19,313,48
unk-hmn LDLo:40 mg/kg 32ZWAA 8,291,74
* orl-mus LD50:220 mg/kg THERAP 26,1203,71
ipr-mus LD50:115 mg/kg CLDND*
scu-mus LD50:100 mg/kg ARZNAD 14,940,64
* ivn-mus LD50:23 mg/kg THERAP 26,1203,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JRPMAP 12(1),27,74
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT1225000 PYRIDINE, 2-((2-(DIMETHYLAMINO)ETHYL)(p-METHOXYBENZYL)AMINO)-, MALEATE (1:1)
UPDT:8408 CAS: 59-33-6 MW: 401.51 MOLFM: C17-H23-N3-O C4-H4-O4
SYN: AH * ANISOPYRADAMINE * ANTHISAN MALEATE * ANTIHIST * DIAMINIDE MALEATE * N-DIMETHYLAMINOETHYL-N-p-METHOXY-alpha-AMINOPYRIDINE MALEATE * 2-((2-(DIMETHYLAMINO)ETHYL)(p-METHOXYBENZYL)AMINO)PYRIDINE BIMALEATE * 2-((2-(DIMETHYLAMINO)ETHYL)(p-METHOXYBENZYL)AMINO)PYRIDINE MALEATE * HISTATEX * MEPYRAMINE MALEATE * N-p-METHOXYBENZYL-N'-N'-DIMETHYL-N-alpha-PYRIDYLETHYLENEDIAMINE MALEATE * MINIHIST * NEOANTERGAN MALEATE * PARAMAL * PARAMINYL MALEATE * PYMAFED * PYRA MALEATE * PYRANILAMINE MALEATE * PYRANINYL * PYRANISAMINE MALEATE * PYRILAMINE MALEATE * RENSTAMIN * 2786 R.P. MALEATE * STANGEN MALEATE * STATOMIN MALEATE * THYLOGEN MALEATE
MUTATION DATA AND REFERENCES:
dns-rat:lvr 5 umol/L ENMUDM 3,11,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:100 mg/kg (1D preg) LIFSAK 2,303,63
1T25 ims-rat TDLo:50 mg/kg (1D preg) LIFSAK 2,303,63
2T71T75 orl-mus TDLo:4200 mg/kg (1-21D preg) ARZNAD 18,188,68
1T76 orl-mus TDLo:420 mg/kg (1-21D preg) ARZNAD 18,188,68
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:77 gm/kg/2Y-C FCTOD7 22,27,84
TOXICITY DATA AND REFERENCES:
orl-chd LDLo:42 mg/kg LANCAO 2,809,52

orl-rat LD50:365 mg/kg TXAPA9 1,42,59
scu-rat LD50:150 mg/kg CRSBAW 144,887,50
* orl-mus LD50:220 mg/kg AIPTAK 155,47,65
1F12 ipr-mus LD50:102 mg/kg JPETAB 90,224,47
* ivn-mus LD50:23 mg/kg AIPTAK 155,47,65
* scu-gpg LD50:44 mg/kg APFRAD 20,463,62
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JRPMAP 12(1),27,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT1320000 PYRIDINE, 2-(2-(DIMETHYLAMINO)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8407 MW: 186.71 MOLFM: C9-H14-N2 Cl-H
SYN: 2-(beta-DIMETHYLAMINOETHYL)PYRIDINE HYDROCHLORIDE * 2-(2-(DIMETHYLAMINO)ETHYL)PYRIDINE HYDROCHLORIDE * ND-4
TOXICITY DATA AND REFERENCES:
2F23J22 ipr-mus LD50:321 mg/kg FATOAO 33,231,70

UT1400000 PYRIDINE, 2-((2-(DIMETHYLAMINO)ETHYL)-2-THENYLAMINO)-
UPDT:8412 CAS: 91-80-5 MW: 261.42 MOLFM: C14-H19-N3-S
SYN: A 3322 * AH-42 * 2-((2-(DIMETHYLAMINO)ETHYL)-2-THENYLAMINO)PYRIDINE * N,N-DIMETHYL-N'-PYRID-2-YL-N'-2-THENYLETHYLENEDIAMINE * N,N-DIMETHYL-N'-2-PYRIDINYL-N'-(2-THIENYLMETHYL)-1,2-ETHANEDIAMIDE * DORMIN * HISTADYL * LULAMIN * LULLAMIN * METHAPYRILENE * NCI-C55550 * PARADORMALENE * PYRATHYN * N-(alpha-PYRIDYL)-N-(alpha-THENYL)-N',N'-DIMETHYLETHYLENEDIAMINE * PYRINISTAB * PYRINISTOL * RCRA WASTE NUMBER U155 * REST-ON * RESTRYL * SEMIKON * SLEEPWELL * TENALIN * THENYLENE * THENYLPYRAMINE * THIONYLAN
MUTATION DATA AND REFERENCES:
dnd-esc 30 umol/L MUREAV 89,95,81
msc-mus:lym 100 mg/L ENMUDM 5,420,83
TOXICITY DATA AND REFERENCES:
scu-rat LD50:150 mg/kg CRSBAW 144,887,50
orl-mus LD50:182 mg/kg PSEBAA 80,458,52
ipr-mus LD50:77 mg/kg JPETAB 96,388,49
ivn-mus LD50:20 mg/kg PSEBAA 80,458,52
orl-gpg LD50:375 mg/kg PSEBAA 80,458,52
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984

UT1575000 PYRIDINE, 2-((2-(DIMETHYLAMINO)ETHYL)-3-THENYLAMINO)-
UPDT:8412 CAS: 91-79-2 MW: 261.42 MOLFM: C14-H19-N3-S
SYN: DIETHYLANDIAMINE * N-(2-DIMETHYLAMINOETHYL)-N-2-PYRIDYL-3-THENYLAMINE * 2-((2-DIMETHYLAMINOETHYL)-3-THENYLAMINO)PYRIDINE * METHAPYRILENE * N-(alpha-PYRIDYL)-N-(beta-THENYL)-N',N'-DIMETHYLETHYLENEDIAMINE * NCI-C60640 * TENFIDIL * THEFANIL * THENFADIL * THENYLDIAMINE * WIN-2848
MUTATION DATA AND REFERENCES:
dnd-esc 30 umol/L MUREAV 89,95,81
TOXICITY DATA AND REFERENCES:
2F08K30 orl-hmn TDLo:50 mg/kg CTOXAO 11,287,77
ipr-mus LD50:77 mg/kg CLDND*
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT1750000 PYRIDINE, 2-((2-(DIMETHYLAMINO)ETHYL)-2-THENYLAMINO)-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 135-23-9 MW: 297.88 MOLFM: C14-H19-N3-S Cl-H
SYN: BARHIST * CAPATHYN * CORYZOL * 2-((2-(DIMETHYLAMINO)ETHYL)-2-THENYL-AMINO)PYRIDINE HYDROCHLORIDE * N,N-DIMETHYL-N'-(2-THENYL)-N'-(2-PYRIDYL-ETHYLENE DIAMINE HYDROCHLORIDE) * DOZAR * 1,2-ETHANEDIAMINE, N,N-DIMETHYL-N'-2-PYRIDINYL-N'-(2-THIENYLMETHYL)-, MONOHYDROCHLORIDE * HISTAFED * HISTADYL * HISTIDYL * LULLAMIN * METHACON * METHAPYRILENE HYDROCHLORIDE * METHAPYRILENE HYDROCHLORIDE (L.A.) * METHAPYRILENE HYDROCHLORIDE (S.A.) * METHOXYLENE * PYRATHYN * N-(2-PYRIDYL)-N-(2-THIENYL)-N,N'-DIMETHYL-ETHYLENEDIAMINE HYDROCHLORIDE * SEMIKON * SEMIKON HYDROCHLORIDE * SOMNICAPS * TEM-HISTINE * TERALIN * THENYLENE * THENYLENE HYDROCHLORIDE * THENYLPYRAMINE HYDROCHLORIDE * WIN 2848 HYDROCHLORIDE SALT
MUTATION DATA AND REFERENCES:
dns-rat:lvr 1 umol/L CNREA8 42,3010,82
oms-rat:lvr 100 umol/L MUREAV 135,131,84
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:9100 mg/kg/26W-C TXAPA9 66,252,82
2V01L60 orl-rat TD :18200 mg/kg/26W-C TXAPA9 66,252,82
2V01L60 orl-rat TD :22 gm/kg/64W-C SCIEAS 209,817,80
2V01L60 orl-rat TD :9625 mg/kg/2Y-C FCTOD7 22,27,84
2V03L60 orl-rat TD :4813 mg/kg/2Y-C FCTOD7 22,27,84
2V03L60 orl-rat TD :10080 mg/kg/24W-C TXAPA9 74,63,84
TOXICITY DATA AND REFERENCES:
orl-rat LD50:521 mg/kg 29ZVAB -,73,69
scu-rat LD50:150 mg/kg 29ZVAB -,73,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT1925000 PYRIDINE, 2-((2-(DIMETHYLAMINO)ETHYL)-3-THENYLAMINO)-, MONOHYDROCHLORIDE
UPDT:8406 CAS: 958-93-0 MW: 297.88 MOLFM: C14-H19-N3-S Cl-H
SYN: DETHYLANDIAMINE * 2-((2-(DIMETHYLAMINO)ETHYL)-3-THENYL-AMINO)-PYRIDINE HYDROCHLORIDE * N,N-DIMETHYL-N'-(3-THENYL)-N'-(2-PYRIDYL) ETHYLENEDIAMINE HYDROCHLORIDE * THENFADIL HYDROCHLORIDE * THENYLDIAMINE CHLORIDE * THENYLDIAMINE HYDROCHLORIDE * WIN-2848
TOXICITY DATA AND REFERENCES:
orl-rat LD50:525 mg/kg 29ZVAB -,113,69
scu-mus LD50:52 mg/kg JPETAB 95,45,49
* ivn-mus LD50:12200 ug/kg JAPMA8 47,744,58

UT1930000 PYRIDINE, 2-((2-(DIMETHYLAMINO)ETHYL)-2-THENYLAMINO)-, mixed with SODIUM NITRITE (1:2)
UPDT:8305
SYN: METHAPYRILENE mixed with SODIUM NITRITE (1:2) * SODIUM NITRITE mixed with METHAPYRILENE (2:1)
TUMORIGENIC DATA AND REFERENCES:
3V01B60L60 orl-rat TDLo:121 gm/kg/90W-I FCTXAV 15,269,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT1933000 PYRIDINE, 4-(2-(N-(2-(DIMETHYLAMINO)ETHYL)-m-TOLUIDINO)ETHYL)-, DIPICRATE
UPDT:8312 MW: 741.70 MOLFM: C18-H25-N3 2C6-H3-N3-O7
SYN: 4-(2-(N-(2-(DIMETHYLAMINO)ETHYL)-m-TOLUIDINO)ETHYL)PYRIDINE DIPICRATE
TOXICITY DATA AND REFERENCES:
3F25H02Y55 scu-mus LDLo:350 mg/kg JPMSAE 50,1035,61

THENYLENE see: UT1750000

UT2000000 PYRIDINE, 3-(p-(DIMETHYLAMINO)PHENYLAZO)-
UPDT:8401 CAS: 156-25-2 MW: 226.31 MOLFM: C13-H14-N4
SYN: 3-(4-DIMETHYLAMINOPHENYL)AZOPYRIDINE * N,N-DIMETHYL-p-(3-PYRIDYLAZO)ANILINE * N,N-DIMETHYL-4-(3'-PYRIDYLAZO)ANILINE * PYRIDINE-3-AZO-p-DIMETHYLANILINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:3530 mg/kg/28W-C JNCIAM 15,67,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT2100000 PYRIDINE, 4-(p-(DIMETHYLAMINO)PHENYLAZO)-
UPDT:8401 CAS: 63019-82-9 MW: 226.31 MOLFM: C13-H14-N4
SYN: PYRIDINE-4-AZO-p-DIMETHYLANILINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:6480 mg/kg/26W-C CNREA8 14,22,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT2122000 PYRIDINE, 2-(2-(N-(3-(DIMETHYLAMINO)PROPYL)ANILINO)ETHYL)-5-ETHYL-, DIPICRATE
UPDT:8407 MW: 769.76 MOLFM: C20-H29-N3 2C6-H3-N3-O7
SYN: 2-(2-(N-(3-(DIMETHYLAMINO)PROPYL)ANILINO)ETHYL)-5-ETHYLPYRIDINE DIPICRATE
TOXICITY DATA AND REFERENCES:
2F25Y55 scu-mus LDLo:250 mg/kg JPMSAE 50,1035,61

UT2275000 PYRIDINE, 4-((4-(DIMETHYLAMINO)-2,3-XYLYL)AZO-, 1-OXIDE
UPDT:8401 CAS: 19456-73-6 MW: 270.37 MOLFM: C15-H18-N4-O
SYN: 4-((4-(DIMETHYLAMINO)-2,3-XYLYL)AZO)PYRIDINE 1-OXIDE * N,N,2,3-TETRAMETHYL-4-(4'-(PYRIDYL-1'-OXIDE)AZO)ANILINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:6552 mg/kg/26W-C JNCIAM 41,855,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT2450000 PYRIDINE, 4-((4-(DIMETHYLAMINO)-2,5-XYLYL)AZO)-, 1-OXIDE
UPDT:8401 CAS: 19456-75-8 MW: 270.37 MOLFM: C15-H18-N4-O
SYN: 4-((4-(DIMETHYLAMINO)-2,5-XYLYL)AZO)PYRIDINE 1-OXIDE * N,N,2,5-TETRAMETHYL-4-(4'-(PYRIDYL-1'-OXIDE)AZO)ANILINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:3276 mg/kg/26W-C JNCIAM 41,855,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT2625000 PYRIDINE, 4-((4-(DIMETHYLAMINO)-3,5-XYLYL)AZO)-, 1-OXIDE
UPDT:8401 CAS: 19595-66-5 MW: 270.37 MOLFM: C15-H18-N4-O
SYN: 4-((4-(DIMETHYLAMINO)-3,5-XYLYL)AZO)PYRIDINE 1-OXIDE * N,N,2,6-TETRAMETHYL-4-(4'-(PYRIDYL-1'-OXIDE)AZO)ANILINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:6552 mg/kg/26W-C JNCIAM 41,855,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT2807000 PYRIDINE, 2,3-DIMETHYL-4-NITRO-, 1-OXIDE
UPDT:8401 CAS: 37699-43-7 MW: 168.17 MOLFM: C7-H8-N2-O3
SYN: 2,3-DIMETHYL-4-NITROPYRIDINE 1-OXIDE
MUTATION DATA AND REFERENCES:
mmo-sat 100 nmol/plate GANNA2 70,799,79
mmo-esc 500 umol/L GANNA2 70,799,79
dnr-esc 500 ug/well CNREA8 32,2369,72
mrc-esc 500 ug/well CNREA8 32,2369,72
mmo-smc 500 ug/well CNREA8 32,2369,72
dnd-mus:fbr 500 umol/L CNREA8 35,521,75
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:1760 mg/kg/15W-I GANNA2 70,799,79
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRIDINE, 3-(3,3-DIMETHYL-1-TRIAZENO)- see: XY2275000

UT2813700 2,6(1H,3H)-PYRIDINEDIONE, 3-ETHYL-3-PHENYL-
UPDT:8308 CAS: 14149-36-1 MW: 215.27 MOLFM: C13-H13-N-O2
SYN: 2-ETHYL-2-PHENYLGLUTACONIMIDE
TOXICITY DATA AND REFERENCES:
2F07F25 ipr-mus LDLo:1000 mg/kg JMCMAR 18,736,75

UT2814000 PYRIDINE, 2-((1,2-DIPHENYLETHYL)AMINO)-
UPDT:8308 CAS: 74037-48-2 MW: 274.39 MOLFM: C19-H18-N2
SYN: 2-(1,2-DIPHENYLETHYLAMINO)-PYRIDINE * 2-(alpha-PHENYLPHENETHYLAMINO)PYRIDINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#04772

UT2965500 PYRIDINE, 2,2'-DITHIODIMETHYLENEDI-
UPDT:8403 MW: 248.38 MOLFM: C12-H12-N2-S2
SYN: 2,2'-DITHIODIMETHYLENEDIPYRIDINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:700 mg/kg EJMCA5 18,515,83
* ipr-mus LD50:350 mg/kg EJMCA5 18,515,83

UT2967000 PYRIDINE, 2,2'-DITHIODIMETHYLENEDI-, 1,1'-DIOXIDE
UPDT:8403 MW: 280.38 MOLFM: C12-H12-N2-O2-S2
SYN: BIS(2-PYRIDYLMETHYL)DISULPHIDE N,N'-DIOXIDE * 2,2'-DITHIODIMETHYLENEDIPYRIDINE 1,1'-DIOXIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg EJMCA5 18,515,83

PYRIDINE (DOT) see: UR8400000
2-PYRIDINEETHANAMINE, N-METHYL- (9CI) see: UT5552000
2-PYRIDINEETHANAMINIUM, N,N,N-TRIETHYL-, IODIDE (9CI) see: BT0370000
2-PYRIDINEETHANAMINIUM, N,N,N-TRIMETHYL-, IODIDE (9CI) see: BT2550000
2-PYRIDINEETHANETHIOAMIDE (9CI) see: UR8520000
1(2H)-PYRIDINEETHANOL, 3,6-DIHYDRO-alpha-((2-METHYLPHENOXY)METHYL)- see: UB8610000

UT2974000 PYRIDINE, 2-ETHENYL-6-METHYL-
UPDT:8408 MW: 119.18 MOLFM: C8-H9-N
SYN: 2-ETHENYL-6-METHYLPYRIDINE * 6-METHYL-2-VINYLPYRIDINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:510 mg/kg 85GMAT -,88,82
* ihl-mus LC50:150 mg/m3/2H 85GMAT -,88,82

UT2975000 PYRIDINE, 5-ETHENYL-2-METHYL-
UPDT:8408 CAS: 140-76-1 MW: 119.18 MOLFM: C8-H9-N
SYN: 2-METHYL-5-VINYLPYRIDINE * 2-PICOLINE, 5-VINYL- * PYRIDINE, 2-METHYL-5-VINYL-
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1167 mg/kg AIHAAP 30,470,69
* ihl-rat LC50:189 mg/m3/2H 85GMAT -,88,82
* scu-rat LD50:1290 mg/kg 85GMAT -,88,82
* orl-mus LD50:775 mg/kg 85GMAT -,88,82
* ihl-mus LC50:213 mg/kg/2H 85GMAT -,88,82
* scu-mus LD50:532 mg/kg 85GMAT -,88,82
* skn-rbt LD50:718 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT2990000 PYRIDINE, ETHENYL-, 1-OXIDE, HOMOPOLYMER
UPDT:8309 CAS: 9045-81-2 MOLFM: (C7-H7-N-O)x
SYN: POLY(VINYLPYRIDINE N-OXIDE) * POLY(VINYLPYRIDINE 1-OXIDE) * PVPO
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 ivn-rat TDLo:5 gm/kg (2W male) GTPZAB 23(12),38,79
1T02 ims-mus TDLo:5 gm/kg (2W male) GTPZAB 23(12),38,79
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:16500 mg/kg GTPZAB 21(4),50,77
* scu-mus LD50:14000 mg/kg GTPZAB 21(4),50,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT3150000 PYRIDINE, 5-ETHYL-2-HYDROXYETHYL-
UPDT:8303 CAS: 5223-06-3 MW: 151.23 MOLFM: C9-H13-N-O
SYN: 5-ETHYL-2-HYDROXYETHYLPYRIDINE * 2-HYDROXYETHYL-5-ETHYLPYRIDINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4290 mg/kg AIHAAP 23,95,62
1R10 skn-rbt LD50:1780 mg/kg AIHAAP 23,95,62
UPDT:8409

UT3325000 PYRIDINE, 4-((p-(N-ETHYL-N-METHYL)AMINO)PHENYLAZO)-, 1-OXIDE
UPDT:8401 CAS: 14551-09-8 MW: 256.34 MOLFM: C14-H16-N4-O
SYN: 4-((((4-ETHYL-4-METHYL)AMINO)PHENYL)AZO)PYRIDINE 1-OXIDE * N-METHYL-N-ETHYL-4-(4'-(PYRIDYL-1'-OXIDE)AZO)ANILINE
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:2142 mg/kg/17W-C JNCIAM 37,365,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT3675000 PYRIDINE, 4-((ETHYLNITROSAMINO)METHYL)-
UPDT:8401 CAS: 13256-23-0 MW: 165.22 MOLFM: C8-H11-N3-O
SYN: AETHYL-4-PICOLYLNITROSAMIN (German) * 4-((ETHYLNITROSAMINO)METHYL)PYRIDINE * N-NITROSO-4-PICOLYLETHYLAMINE
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:1200 mg/kg/43W-C ARZNAD 19,1077,69
2V03K60 ivn-rat TDLo:160 mg/kg/27W-I ARZNAD 19,1077,69
TOXICITY DATA AND REFERENCES:
orl-rat LD50:40 mg/kg ZEKBAI 69,103,67
ivn-rat LD50:35 mg/kg ZEKBAI 69,103,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT3850000 PYRIDINE, 5-ETHYL-2-VINYL-
UPDT:8407 CAS: 5408-74-2 MW: 133.21 MOLFM: C9-H11-N
SYN: 5-ETHYL-2-VINYLPYRIDINE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open AMIHBC 10,61,54
eye-rbt 20 mg open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1230 mg/kg AMIHBC 10,61,54
ihl-rat LCLo:8000 ppm/4H AMIHBC 10,61,54
* skn-rbt LD50:890 mg/kg AMIHBC 10,61,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRIDINE, HEXAHYDRO- see: TM3500000
PYRIDINE, HEXAHYDRO-N-NITROSO- see: TN2100000
2-PYRIDINEHYDROXAMIC ACID see: TJ7825200 PICOLINOHYDROXAMIC ACID

UT4381000 PYRIDINE, 4-HYDROXYAMINO-, 1-OXIDE
UPDT:8403 CAS: 1621-90-5 MW: 126.13 MOLFM: C5-H6-N2-O2
SYN: 4-HYDROXYAMINOPYRIDINE 1-OXIDE * 4-PYRIDINAMINE, N-HYDROXY-, 1-OXIDE (9CI)
MUTATION DATA AND REFERENCES:
dnd-mus:fbr 500 umol/L CNREA8 35,521,75
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

PYRIDINE, 2-HYDROXY-3-NITRO see: UU7718000

UT4396500 PYRIDINE, 3-(1H-IMIDAZOL-4-YL)-
UPDT:8311 CAS: 51746-85-1 MW: 145.18 MOLFM: C8-H7-N3
SYN: 3-(1H-IMIDAZOL-4-YL)PYRIDINE * 5(4)-3'-PYRIDYL-GLYOXALINE * 4-(3-PYRIDYL)IMIDAZOLE
TOXICITY DATA AND REFERENCES:
3F01F13J30 ipr-mus LD50:250 mg/kg QJPPAL 12,260,39

3-PYRIDINEMETHANEAMINE, alpha-1,3-DIOXAN-5-YL-N,N-DIMETHYL-, MONOHYDROCHLORIDE, (-)-(9CI) see: UT5495000

UT4676000 2-PYRIDINEMETHANETHIOL
UPDT:8403 CAS: 2044-73-7 MW: 125.20 MOLFM: C6-H7-N-S
SYN: 2-(MERCAPTOMETHYL)PYRIDINE * PYRIDINE-2-THIOCARBINOL * 2-PYRIDYLMETHYL MERCAPTAN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:600 mg/kg EJMCA5 18,515,83
* ipr-mus LD50:500 mg/kg EJMCA5 18,515,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2-PYRIDINEMETHANETHIOL CARBAMATE HYDROCHLORIDE see: FD1540000
2-PYRIDINEMETHANETHIOL N-OXIDE HYDROCHLORIDE see: UT4685000

UT4685000 2-PYRIDINEMETHANETHIOL, 1-OXIDE, HYDROCHLORIDE
UPDT:8403 MW: 177.66 MOLFM: C6-H7-N-O-S .Cl-H
SYN: 2-PYRIDINEMETHANETHIOL N-OXIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg EJMCA5 18,515,83

UT4715000 2-PYRIDINEMETHANOL, alpha-BENZYL-
UPDT:8305 CAS: 20609-08-9 MW: 199.27 MOLFM: C13-H13-N-O
SYN: 2-PYRIDINEMETHANOL, alpha-(PHENYLMETHYL)- (9CI) * 2-PYRIDYLBENZYLCARBINOL
TOXICITY DATA AND REFERENCES:
3F17J30V30 ipr-mus LD50:750 mg/kg AITEAT 29,217,81

UT4725000 3-PYRIDINEMETHANOL, alpha,alpha-BIS(p-CHLOROPHENYL)-
UPDT:8309 CAS: 17781-31-6 MW: 330.22 MOLFM: C18-H13-Cl2-N-O
SYN: alpha,alpha-BIS(4-CHLOROPHENYL)-3-PYRIDINEMETHANOL * BIS(4-CHLOROPHENYL)-3-PYRIDYLMETHANOL * EL 241 * PARINOL * PARNON
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5000 mg/kg FMCHA2 -,C179,83

UT4730000 3-PYRIDINEMETHANOL, 1-BUTYL-, p-AMINOBENZOATE, HYDROCHLORIDE
UPDT:8310 MW: 326.91 MOLFM: C17-H26-N2-O2 Cl-H
SYN: 1-BUTYL-3-PYRIDINEMETHANOL p-AMINOBENZOATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ivn-rbt LDLo:15 mg/kg JACSAT 50,563,28

UT4755400 2-PYRIDINEMETHANOL, alpha-(p-CHLOROPHENYL)-alpha-2-IMIDAZOLIN-2-YL, MALEATE (salt)
UPDT:8308 CAS: 28241-06-7 MW: 1100.33 MOLFM: C15-H14-Cl-N3-O .xC4-H4-O4
SYN: alpha-(p-CHLOROPHENYL)-alpha-2-IMIDAZOLIN-2-YL-2-PYRIDINEMETHANOL MALEATE * MALEATE de 2-((p-CHLOROPHENYL)-2-(PYRIDYL)HYDROXY METHYL)IMIDAZOLINE (French) * SCH 12650
TOXICITY DATA AND REFERENCES:
3F11F12J26 orl-mus LD50:285 mg/kg THERAP 26,805,71
3F11F12J26 ipr-mus LD50:149 mg/kg THERAP 26,805,71
3F11F12J26 ivn-mus LD50:45 mg/kg THERAP 26,805,71

4-PYRIDINEMETHANOL, alpha-(4-CHLOROPHENYL)-alpha-PHENYL- (9CI) see: UT4757000

UT4757000 4-PYRIDINEMETHANOL, alpha-(p-CHLOROPHENYL)-alpha-PHENYL-
UPDT:8303 CAS: 3737-16-4 MW: 295.78 MOLFM: C18-H14-Cl-N-O
SYN: alpha-(p-CHLOROPHENYL)-alpha-PHENYL-4-PYRIDINEMETHANOL * CHRONAXIL * alpha-(p-CLOROFENIL)-alpha-FENIL-4-PIRIDILMETANOLO (Italian) * CRONAXIL * MAGGIONI 3062 * M.G 3062 * 4-PYRIDINEMETHANOL, alpha-(4-CHLOROPHENYL)-alpha-PHENYL- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:8 gm/kg FRPSAX 12,853,57

UT4770000 3-PYRIDINEMETHANOL, 4,6-DIMETHYL-5-HYDROXY-
UPDT:8310 CAS: 61-67-6 MW: 153.20 MOLFM: C8-H11-N-O2
SYN: 4-DEOXYPYRIDOXAL * DEOXYPYRIDOXINE * 4-DEOXYPYRIDOXINE * 4-DEOXYPYRIDOXOL * DESOXYPYRIDOXINE
MUTATION DATA AND REFERENCES:
mmo-esc 500 mg/L/1H CRSUBM 3,69,55
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:300 mg/kg (12D pre) PSEBAA 68,274,48
1T71 orl-rat TDLo:400 mg/kg (16D pre) PSEBAA 68,274,48
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT4800000 3-PYRIDINEMETHANOL, 4,6-DIMETHYL-5-HYDROXY-, HYDROCHLORIDE
UPDT:8405 CAS: 148-51-6 MW: 189.66 MOLFM: C8-H11-N-O2 .Cl-H
SYN: 4-DEOXYPYRIDOXOL HYDROCHLORIDE * DESOXYPYRIDOXIME HYDROCHLORIDE * NSC 3063 * 3-PYRIDINEMETHANOL, 5-HYDROXY-4,6-DIMETHYL-, HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T34T41 orl-rat TDLo:11500 ug/kg (1-20D preg) SCIEAS 169,1329,70
3T43T45T46 orl-rat TDLo:11500 ug/kg (1-20D preg) SCIEAS 169,1329,70
2T48T52 orl-rat TDLo:11500 ug/kg (1-20D preg) SCIEAS 169,1329,70
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:150 mg/kg NTIS** AD691-490
* orl-ckn LD50:1570 mg/kg JMCMAR 17,1235,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT4900000 4-PYRIDINEMETHANOL, 3,3'-(DITHIODIMETHYLENE)BIS(5-HYDROXY-6-METHYL-, DIHYDROCHLORIDE, HYDRATE
UPDT:8407 MW: 459.44 MOLFM: C16-H20-N2-O4-S2 .2Cl-H .H2-O
SYN: BONIFEN * 3,3'-DITHIOBIS(METHYLENE)BIS(5-HYDROXY-6-METHYL-4-PYRIDINEMETHANOL) DIHYDROCHLORIDE * 3,3'-DITHIODIMETHYLENEBIS(5-HYDROXY-6-METHYL-4-PYRIDINEMETHANOL) DIHYDROCHLORIDE HYDRATE * 5,5'-DITHIODIMETHYLENEBIS(2-METHYL-3-HYDROXY-4-HYDROXYMETHYLPYRIDINE)DIHYDROCHLORIDE HYDRATE * EPOCAN * PYRIDOXIN-5'-DISULFID DIHYDROCHLORID HYDRAT (German) * PYRITHIOXIN
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6000 mg/kg ARZNAD 11,922,61
scu-rat LD50:3000 mg/kg ARZNAD 11,922,61
ivn-rat LD50:500 mg/kg ARZNAD 11,922,61
* orl-mus LD50:5786 mg/kg TMPBAX 54,156,78
2F04F05 ipr-mus LD50:790 mg/kg ARZNAD 29,479,79
scu-mus LD50:3170 mg/kg ARZNAD 11,922,61
* ivn-mus LD50:221 mg/kg TMPBAX 54,156,78
ivn-cat LD50:124 mg/kg ARZNAD 11,922,61

3-PYRIDINEMETHANOL, 5-HYDROXY-4,6-DIMETHYL-, HYDROCHLORIDE see: UT4800000

UT5013700 3-PYRIDINEMETHANOL, 5-HYDROXY-6-METHYL-4-(((2-(2-NITRO-1-IMIDAZOLYL)ETHYL)IMINO)METHYL)-
UPDT:8311 MW: 304.32 MOLFM: C13-H14-N5-O4
SYN: 5-HYDROXY-6-METHYL-4-(((2-(2-NITRO-1-IMIDAZOLYL)ETHYL)IMINO)METHYL)-3-PYRIDINEMETHANOL * PSBAN
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:2750 mg/kg PAACA3 24,323,83

UT5014800 2-PYRIDINEMETHANOL, alpha-(2-(METHYLPHENETHYLAMINO)ETHYL)-alpha-PHENYL-, OXALATE (1:1)
UPDT:8407 MW: 436.55 MOLFM: C23-H26-N2-O .C2-H2-O4
SYN: alpha-(2-(METHYLPHENETHYLAMINO)ETHYL)-alpha-PHENYL-2-PYRIDINEMETHANOL OXALATE
TOXICITY DATA AND REFERENCES:
1M10 orl-mam LD50:250 mg/kg JMCMAR 8,836,65

2-PYRIDINEMETHANOL, 6-(2-(5-NITRO-2-FURANYL)ETHENYL)- (9CI) see: UT5023000

UT5023000 2-PYRIDINEMETHANOL, 6-(2-(5-NITRO-2-FURYL)VINYL)-
UPDT:8403 CAS: 13411-16-0 MW: 246.24 MOLFM: C12-H10-N2-O4
SYN: FURANACE * FURANACE-10 * FURPIRINOL * FURPYRINOL * 6-HYDROXYMETHYL-2-(2-(5-NITRO-2-FURYL)VINYL)-PYRIDINE * NF 323 * NIFURPIRINOL * 6-(2-(5-NITRO-2-FURANYL)ETHENYL)-2-PYRIDINEMETHANOL * 6-(2-(5-NITRO-2-FURYL)VINYL-2-PYRIDINE-METHANOL * P-7138 * 2-PYRIDINEMETHANOL, 6-(2-(5-NITRO-2-FURANYL)ETHENYL)- (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/L MUREAV 104,61,82
mma-sat 10 ng/plate MUREAV 104,61,82
mmo-esc 1 mg/L MUREAV 104,61,82
dns-hmn:fbr 5 umol/L IDZAAW 48,291,73
cyt-hmn:lym 10 umol/L IDZAAW 48,291,73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4050 mg/kg MEIEDD 10,938,83
* orl-mus LD50:3720 mg/kg MEIEDD 10,938,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

UT5023500 4-PYRIDINEMETHANOL, alpha-(2-PHENYLCYCLOPROPYL)-, (1-alpha(R*),2-beta)-
UPDT:8311 CAS: 63903-03-7 MW: 225.31 MOLFM: C15-H15-N-O
SYN: (1-alpha(R*),2-beta)-alpha-(2-PHENYLCYCLOPROPYL)-4-PYRIDINEMETHANOL
TOXICITY DATA AND REFERENCES:
3F17F18F25 orl-mus LD50:250 mg/kg EJMCA5 12,177,77

2-PYRIDINEMETHANOL, alpha-(PHENYLMETHYL)- (9CI) see: UT4715000

UT5035230 3-PYRIDINEMETHANOL, 1,2,5,6-TETRAHYDRO-1-METHYL-, BENZILATE (ester)
UPDT:8407 MW: 337.45 MOLFM: C21-H23-N-O3
SYN: 1-METHYL-1,2,5,6-TETRAHYDRO-3-PYRIDINEMETHANOL BENZILATE (ester) * 3-(1-METHYL-1,2,5,6-TETRAHYDROPYRIDINE)METHYL BENZILATE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:18 mg/kg CSLNX* NX#11795

UT5037000 2-PYRIDINEMETHANOL, alpha-(8-(TRIFLUOROMETHYL)NAPHTHO(2,1-b)THIEN-4-YL)-, HYDROCHLORIDE
UPDT:8307 CAS: 50885-14-8 MW: 395.84 MOLFM: C19-H12-F3-N-O-S .Cl-H
SYN: NAPHTHO(2,1-b)THIOPHENE-4-METHANOL, alpha-(2-PYRIDYL)-8-TRIFLUOROMETHYL-, HYDROCHLORIDE
MUTATION DATA AND REFERENCES:
dnd-mam:lym 1 mmol/L JMCMAR 16,1366,73

PYRIDINE, 2-METHYL- see: TJ4900000
PYRIDINE, 3-METHYL- (9CI) see: TJ5000000

UT5425000 PYRIDINE, 4-METHYL-
UPDT:8407 CAS: 108-89-4 MW: 93.14 MOLFM: C6-H7-N
SYN: 4-METHYLPYRIDINE * gamma-PICOLINE * 4-PICOLINE * p-PICOLINE (DOT) * UN 2313 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 10,61,54
skn-rbt 480 mg open MOD UCDS** 2/21/58
eye-rbt 750 ug open SEV AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1290 mg/kg UCDS** 2/21/58
* ihl-rat LCLo:1000 ppm/4H AMIHBC 10,61,54
* skn-rbt LD50:270 mg/kg AMIHBC 10,61,54
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT5495000 3-PYRIDINEMETHYLAMINE, alpha-1,3-DIOXAN-5-YL-N,N-DIMETHYL-, MONOHYDROCHLORIDE, (-)-
UPDT:8303 CAS: 69494-04-8 MW: 258.78 MOLFM: C12-H18-N2-O2 .Cl-H
SYN: (-)-alpha-1,3-DIOXAN-5-YL-N,N-DIMETHYL-3-PYRIDINEMETHYLAMINE HYDROCHLORIDE * DOXPICODIN HYDROCHLORIDE * DOXPICOMINE HYDROCHLORIDE * LY 108380 * 3-PYRIDINEMETHANEAMINE, alpha-1,3-DIOXAN-5-YL-N,N-DIMETHYL-, MONOHYDROCHLORIDE, (-)-(9CI)
TOXICITY DATA AND REFERENCES:
1F29 scu-mus LD50:1420 mg/kg MIDAD4 34,75,81

UT5550000 PYRIDINE, 3-(4-(METHYLAMINO)-1-BUTENYL)-
UPDT:8401 CAS: 538-79-4 MW: 162.26 MOLFM: C10-H14-N2
SYN: METANICOTINE
TUMORIGENIC DATA AND REFERENCES:
3V03J60V10 itr-rat TDLo:75 mg/kg BJCAAI 16,453,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT5552000 PYRIDINE, 2-(2-(METHYLAMINO)ETHYL)-
UPDT:8406 CAS: 5638-76-6 MW: 136.22 MOLFM: C8-H12-N2
SYN: BETAHISTINE * beta-HISTINE * 2-(2-(METHYLAMINO)ETHYL)PYRIDINE * N-METHYL-N-beta-(2-PYRIDYL)ETHYLAMINE * 2-PYRIDINEETHANAMINE, N-METHYL- (9CI) * (2-(2-PYRIDYL)ETHYL)METHYLAMINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:6300 mg/kg OYYAA2 2,344,68

PYRIDINE METHYL IODIDE MOLYBDENUM TRICARBONYL see: QA4682000

UT5635200 PYRIDINE, 2-(METHYL-(1-METHYL-2,2-DIPHENYLETHYL)AMINO)-, MONOHYDROCHLORIDE
UPDT:8310 CAS: 51729-67-0 MW: 338.91 MOLFM: C21-H22-N2 Cl-H
SYN: 1,1-DIPHENYL-2-(N-PYRIDYL-(2)-METHYLAMINO)-PROPANHYDROCHLORID (German) * DPA 301 * 2-(METHYL(1-METHYL-2,2-DIPHENYLETHYL)AMINO)PYRIDINE HYDROCHLORIDE * 2-PYRIDINAMINE, N-METHYL-N-(1-METHYL-2,2-DIPHENYLETHYL)-, HYDROCHLORIDE (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:96 mg/kg PHARAT 28,677,73

UT5635300 PYRIDINE, 3-(METHYL(1-METHYL-2,2-DIPHENYLETHYL)AMINO)-, MONOHYDROCHLORIDE
UPDT:8308 CAS: 51729-68-1 MW: 338.91 MOLFM: C21-H22-N2 Cl-H
SYN: 1,1-DIPHENYL-2-(N-PYRIDYL-(3)-METHYLAMINO)PROPANHYDROCHLORID (German) * DPA 302 * 3-(METHYL(1-METHYL-2,2-DIPHENYLETHYL)AMINO)PYRIDINE HYDROCHLORIDE * 3-PYRIDINAMINE, N-METHYL-N-(1-METHYL-2,2-DIPHENYLETHYL)-, HYDROCHLORIDE (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:120 mg/kg PHARAT 28,677,73

UT5635400 PYRIDINE, 4-(METHYL-(1-METHYL-2,2-DIPHENYLETHYL)AMINO)-, MONOHYDROCHLORIDE
UPDT:8308 CAS: 51729-69-2 MW: 338.91 MOLFM: C21-H22-N2 Cl-H
SYN: 1,1-DIPHENYL-2-(N-PYRIDYL-(4)-METHYLAMINO)PROPANHYDROCHLORID (German) * DPA 303 * 4-(METHYL-(1-METHYL-2,2-DIPHENYLETHYL)AMINO)PYRIDINE HYDROCHLORIDE * 4-PYRIDINAMINE, N-METHYL-N-(1-METHYL-2,2-DIPHENYLETHYL)-, HYDROCHLORIDE (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:185 mg/kg PHARAT 28,677,73

UT5775000 PYRIDINE, 3-METHYL-4-NITRO-, 1-OXIDE
UPDT:8401 CAS: 1074-98-2 MW: 154.14 MOLFM: C6-H6-N2-O3
SYN: 3-METHYL-4-NITROPYRIDINE 1-OXIDE
MUTATION DATA AND REFERENCES:
mmo-sat 100 nmol/plate GANNA2 70,799,79
mmo-esc 500 umol/L GANNA2 70,799,79
dnr-esc 500 ug/well CNREA8 32,2369,72
mrc-esc 500 ug/well CNREA8 32,2369,72
mmo-smc 500 ug/well CNREA8 32,2369,72
dnd-mus:fbr 50 umol/L CNREA8 35,521,75
dns-ham:oth 8 umol/L NATUAS 229,416,71
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:1680 mg/kg/28W-I GANNA2 62,325,71
2V03V10 scu-mus TD :1680 mg/kg/15W-I GANNA2 70,799,79
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)- see: QS5250000
PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL-, (S)-, (R-(R,R))-2,3-DIHYDROXYBUTANEDIOATE (1:2) see: QT0350000
PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-, (S)-, SULFATE (2:1) see: QS9625000

UT6130000 PYRIDINE, 3-(1-METHYL-2-PYRROLYL)-
UPDT:8312 CAS: 487-19-4 MW: 158.22 MOLFM: C10-H10-N2
SYN: 1-METHYL-2-(3-PYRIDYL)PYRROLE * 3-(1-METHYL-2-PYRROLYL)PYRIDINE * NICOTYRINE * beta-NICOTYRINE * 3,2'-NICOTYRINE * PYRIDINE, 3-(1-METHYL-1H-PYRROL-2-YL)- (9CI)
TOXICITY DATA AND REFERENCES:
2F18J25 ivn-rat LD50:750 mg/kg USXXAM #4065561
3F05F07F18 orl-mus LD50:575 mg/kg USXXAM #4065561
* ipr-mus LD50:191 mg/kg TXAPA9 65,366,82

PYRIDINE, 3-(1-METHYL-1H-PYRROL-2-YL)- (9CI) see: UT6130000

UT6150000 PYRIDINE, 2-((METHYLSULFINYL)ACETYL)-
UPDT:8406 CAS: 27302-90-5 MW: 183.24 MOLFM: C8-H9-N-O2-S
SYN: 2-((METHYLSULFINYL)ACETYL)PYRIDINE * OXISURAN
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:437 gm/kg/2Y-C TXCYAC 28,17,83
3V01J60L60 orl-mus TDLo:336 gm/kg/80W-C TXCYAC 28,17,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6550 mg/kg TXAPA9 36,49,76
ivn-rat LD50:1800 mg/kg TXAPA9 36,49,76
orl-mus LD50:5280 mg/kg TXAPA9 36,49,76
ivn-mus LD50:2510 mg/kg TXAPA9 36,49,76
orl-rbt LD50:6610 mg/kg TXAPA9 36,49,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT6160000 PYRIDINE, 4-(METHYLSULFONYL)-2,3,5,6-TETRACHLORO-
UPDT:8305 MW: 294.96 MOLFM: C6-H3-Cl4-N-O2-S
SYN: 4-(METHYLSULFONYL)-2,3,5,6-TETRACHLOROPYRIDINE * TETRACHLOROMETHYLSULFONYLPYRIDINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:770 mg/kg NICHAS 40,329,81

UT6207000 PYRIDINE, 2-(METHYLTHIO)-
UPDT:8305 CAS: 18438-38-5 MW: 125.20 MOLFM: C6-H7-N-S
SYN: METHYL 2-PYRIDYL SULFIDE * 2-METHYLTHIOLPYRIDINE * METHYLTHIO-2 PYRIDINE (French) * 2-(METHYLTHIO)PYRIDINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:175 mg/kg AIPTAK 93,143,53

UT6240000 PYRIDINE, 4-(3-(METHYLTHIO)-5(4H)-1,2,4-TRIAZOL-5-YL)-
UPDT:8407 CAS: 3770-47-6 MW: 191.25 MOLFM: C8-H7-N4-S
SYN: 3-METHYLMERCAPTO-5-(4-PYRIDYL)-1,2,4(H)-TRIAZOLE * 4H-1,2,4-TRIAZOLE, 3-METHYLTHIO-5-(4-PYRIDYL)-
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1710 mg/kg JMCMAR 8,676,65

PYRIDINE, 2-METHYL-5-VINYL- see: UT2975000
PYRIDINE, 4-(2-(1-NAPHTHALENYL)ETHENYL)-, HYDROCHLORIDE (9CI) see: UT6305000

UT6305000 PYRIDINE, 4-(2-(1-NAPHTHYL)VINYL)-, HYDROCHLORIDE
UPDT:8311 CAS: 25796-01-4 MW: [illegible]67.77 MOLFM: C17-H13-N Cl-H
SYN: 4-(1-NAPHTHYLVINYL)-PYRIDINE HYDROCHLORIDE * 4-(2-(1-NAPHTHYL)VINYL)PYRIDINE HYDROCHLORIDE * NVP * PYRIDINE, 4-(2-(1-NAPHTHALENYL)ETHENYL)-, HYDROCHLORIDE (9CI) * YuB-25
TOXICITY DATA AND REFERENCES:
3F12J25J30 ipr-mus LD50:300 mg/kg EJPHAZ 11,187,70
3F12J25J30 scu-mus LD50:150 mg/kg EJPHAZ 11,187,70
3F12J25J30 ivn-mus LD50:75 mg/kg EJPHAZ 11,187,70

3-PYRIDINENITRILE see: QT3030000

UT6386000 PYRIDINE, 2-NITROSOMETHYLAMINO-
UPDT:8401 CAS: 16219-98-0 MW: 137.16 MOLFM: C6-H7-N3-O
SYN: 2-NITROSOMETHYLAMINOPYRIDINE
MUTATION DATA AND REFERENCES:
mma-sat 20 mmol/L CRNGDP 3,415,82
hma-mus/esc 60 mg/kg CRNGDP 3,415,82
TUMORIGENIC DATA AND REFERENCES:
3V01K60L60 orl-rat TDLo:250 mg/kg/50W-I JJIND8 62,153,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:60 mg/kg JJIND8 62,153,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRIDINE, 3-(1-NITROSO-2-PIPERIDINYL)-, (S)- (9CI) see: BV4550000
PYRIDINE, 1-NITROSO-1,2,3,6-TETRAHYDRO- see: UT8408000

UT6410000 PYRIDINE-1-OXIDE
UPDT:8402 CAS: 694-59-7 MW: 95.11 MOLFM: C5-H5-N-O
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#04070
* orl-qal LD50:1000 mg/kg JRPFA4 48,371,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

PYRIDINE-1-OXIDE-3-AZO-p-DIMETHYLANILINE see: UT6475000
PYRIDINE-1-OXIDE-4-AZO-p-DIMETHYLANILINE see: UT6825000

UT6475000 PYRIDINE-1-OXIDE, 3-(p-(DIMETHYLAMINO)PHENYLAZO)-
UPDT:8401 CAS: 59405-47-9 MW: 242.31 MOLFM: C13-H14-N4-O
SYN: PYRIDINE-1-OXIDE-3-AZO-p-DIMETHYLANILINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:4300 mg/kg/17W-C CNREA8 14,715,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT6825000 PYRIDINE-1-OXIDE, 4-(p-(DIMETHYLAMINO)PHENYLAZO)-
UPDT:8401 CAS: 13520-96-2 MW: 242.31 MOLFM: C13-H14-N4-O
SYN: N,N-DIMETHYL-4-(4'(PYRIDYL-1'-OXIDE)AZO)ANILINE * PYRIDINE-1-OXIDE-4-AZO-p-DIMETHYLANILINE
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:1134 mg/kg/9W-C JNCIAM 37,365,66
2V03L60 orl-rat TD :4320 mg/kg/17W-C CNREA8 14,22,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT7140560 PYRIDINE, PERCHLORATE
UPDT:8308 MW: 179.57 MOLFM: C5-H5-N Cl-H-O4
SYN: PYRIDINE PERCHLORATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

PYRIDINE PERCHLORATE (DOT) see: UT7140560
PYRIDINE, 3-(2-PIPERIDYL)- see: BV4375000
2-PYRIDINEPROPANAMINE, gamma-(4-BROMOPHENYL)-N,N-DIMETHYL-, (+-)-, (Z)-2-BUTENEDIOATE (1:1) see: US4026000
2-PYRIDINEPROPANAMINE, gamma-(4-BROMOPHENYL)-N,N-DIMETHYL-, (S)-, (Z)-2-BUTENEDIOATE (1:1) see: US4026200
2-PYRIDINEPROPANAMINE, gamma-(4-CHLOROPHENYL)-N,N-DIMETHYL- (9CI) see: US6379500
2-PYRIDINEPROPANAMINE, gamma-(4-CHLOROPHENYL)-N,N-DIMETHYL-, (Z)-2-BUTENEDIOATE (1:1) see: VB2450000
PYRIDINE, 3-(2-PYRROLIDINYL)-,(S)- see: QS6405000

UT7656000 PYRIDINE, 2-(3-(1-PYRROLIDINYL)-1-p-TOLYLPROPENYL)-, (E)-
UPDT:8412 CAS: 486-12-4 MW: 278.43 MOLFM: C19-H22-N2
SYN: NCI-C61450 * PYRIDINE, 2-(1-(4-METHYLPHENYL)-3-(1-PYRROLIDINYL)-1-PROPENYL)-, (E)- (9CI) * TRIPROLIDIN * TRIPROLIDINE * TRIPYROLIDINE
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984

UT7875000 PYRIDINE, 3-PYRROL-2-YL-
UPDT:8401 CAS: 494-98-4 MW: 144.19 MOLFM: C9-H8-N2
SYN: NORNICOTYRINE * 3-PYRROL-2-YLPYRIDINE
TUMORIGENIC DATA AND REFERENCES:
3V03J60V10 itr-rat TDLo:23 mg/kg BJCAAI 16,453,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT8226000 PYRIDINE, 1,2,3,6-TETRAHYDRO-
UPDT:8312 CAS: 694-05-3 MW: 83.15 MOLFM: C5-H9-N
SYN: delta(sup 3)-PIPERIDINE * 1,2,3,6-TETRAHYDROPYRIDINE * 1,2,3,6-TETRAHYDROPYRIDINE (DOT) * 1,2,5,6-TETRAHYDROPYRIDINE * UN 2410 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

UT8356000 PYRIDINE, 1,2,3,6-TETRAHYDRO-1-((6-METHYL-3-CYCLOHEXEN-1-YL)CARBONYL)-
UPDT:8311 MW: 207.35 MOLFM: C13-H21-N-O
SYN: AI3-36570 * 1,2,3,6-TETRAHYDRO-1-((6-METHYL-3-CYCLOHEXEN-1-YL)CARBONYL)PYRIDINE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD AEHA** 51-029-76
eye-rbt 100 mg/24H MLD AEHA** 51-029-76

UT8356500 PYRIDINE, 1,2,3,6-TETRAHYDRO-1-((2-METHYLCYCLOHEXYL)CARBONYL)-
UPDT:8311 MW: 207.35 MOLFM: C13-H21-N-O
SYN: AI3-36563 * 1,2,3,6-TETRAHYDRO-1-((2-METHYLCYCLOHEXYL)CARBONYL)PYRIDINE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD AEHA** 51-029-76
eye-rbt 100 mg/24H SEV AEHA** 51-029-76

UT8359000 PYRIDINE, 1,2,5,6-TETRAHYDRO-1-METHYL-4-PHENYL-, HYDROCHLORIDE
UPDT:8312 MW: 209.74 MOLFM: C12-H15-N Cl-H
SYN: 1-METHYL-4-PHENYL-1,2,5,6-TETRAHYDROPYRIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:150 mg/kg APFRAD 12,241,54

PYRIDINE, 3-(TETRAHYDRO-1-METHYLPYRROL-2-YL) see: QS5250000

UT8402000 PYRIDINE, 2,3,4,5-TETRAHYDRO-6-(METHYLTHIO)-
UPDT:8305 CAS: 19766-29-1 MW: 129.24 MOLFM: C6-H11-N-S
SYN: 2,3,4,5-TETRAHYDRO-6-(METHYLTHIO)PYRIDINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:75 mg/kg AIPTAK 93,143,53

UT8408000 PYRIDINE, 1,2,3,6-TETRAHYDRO-1-NITROSO-
UPDT:8405 CAS: 55556-92-8 MW: 112.15 MOLFM: C5-H8-N2-O
SYN: N-NITROSO-delta(sup 3)-PIPERIDINE * N-NITROSO-1,2,3,6-TETRAHYDROPYRIDINE * PYRIDINE, 1-NITROSO-1,2,3,6-TETRAHYDRO-
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate MUREAV 56,131,77
mma-sat 1 ug/plate MUREAV 51,319,78
TUMORIGENIC DATA AND REFERENCES:
3V01L60N60 orl-rat TDLo:33 mg/kg/25W-I EESADV 6,513,82
3V01K60L60 orl-rat TD :50 mg/kg/2Y-I EESADV 6,513,82
2V01L60 orl-rat TD :1040 mg/kg/26W-I JNCIAM 57,1315,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UT8409000 PYRIDINE, 1,2,5,6-TETRAHYDRO-1-NITROSO-
UPDT:8310 MW: 112.15 MOLFM: C5-H8-N2-O
SYN: NITROSO-delta(sup 3)-PIPERIDINE * 1-NITROSO-1,2,5,6-TETRAHYDRO PYRIDINE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate MUREAV 56,131,77
mmo-sat 100 ug/plate TCMUDB 1,295,80
sln-dmg-orl 10 mmol/L/24H MUREAV 67,27,79

UT8563000 PYRIDINE, 1,2,3,6-TETRAHYDRO-2-(3,4,5-TRIMETHOXYBENZYL)-, HYDROCHLORIDE
UPDT:8312 CAS: 62028-50-6 MW: 299.83 MOLFM: C15-H21-N-O3 .Cl-H
SYN: 2-(3,4,5-TETRAMETHOXYBENZYL)-1,2,3,6-TETRAHYDROPYRIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:238 mg/kg JPMSAE 65,1479,76

2-PYRIDINETHIOACETAMIDE see: UR8520000
PYRIDINE-2-THIOCARBINOL see: UT4676000

UT8576000 3-PYRIDINETHIOL
UPDT:8403 CAS: 16133-26-9 MW: 111.17 MOLFM: C5-H5-N-S
SYN: 3-MERCAPTOPYRIDINE * 5-MERCAPTOPYRIDINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg EJMCA5 18,515,83

UT8600000 3-PYRIDINETHIOL, 2-((2-AMINO-4-CHLORO-6-PYRIMIDINYL)AMINO)-6-METHYL-
UPDT:8303 MW: 267.76 MOLFM: C10-H10-Cl-N5-S
SYN: 2-(2-AMINO-4-CHLOROPYRIMIDIN-6-YLAMINO)-6-METHYL-1H-PYRIDINIUM-3-THIOLATE
TOXICITY DATA AND REFERENCES:
3F12F17J30 ipr-mus LD50:300 mg/kg CPBTAL 30,302,82

UT8620000 3-PYRIDINETHIOL, 2-((2-AMINO-4-METHYL-6-PYRIMIDINYL)AMINO)-6-METHYL-
UPDT:8303 MW: 247.35 MOLFM: C11-H13-N5-S
SYN: 2-(2-AMINO-4-METHYLPYRIMIDIN-6-YLAMINO)-6-METHYL-1H-PYRIDINIUM-3-THIOLATE
TOXICITY DATA AND REFERENCES:
3F12F17J30 ipr-mus LD50:82 mg/kg CPBTAL 30,302,82

UT8630000 3-PYRIDINETHIOL, 2-((4-AMINO-2-(METHYLTHIO)-6-PYRIMIDINYL)AMINO)-6-METHYL-
UPDT:8303 MW: 279.41 MOLFM: C11-H13-N5-S2
SYN: 2-(4-AMINO-2-METHYLTHIOPYRIMIDIN-6-YLAMINO)-6-METHYL-1H-PYRIDINIUM-3-THIOLATE
TOXICITY DATA AND REFERENCES:
2F12J30 ipr-mus LD50:89700 ug/kg CPBTAL 30,302,82

UT8650000 3-PYRIDINETHIOL, 2-((2,4-DIAMINO-6-PYRIMIDINYL)AMINO)-6-METHYL-
UPDT:8407 MW: 248.34 MOLFM: C10-H12-N6-S
SYN: 2-(2,4-DIAMINOPYRIMIDIN-6-YLAMINO)-6-METHYL-1H-PYRIDINIUM-3-THIOLATE
TOXICITY DATA AND REFERENCES:
3F12F17J30 ipr-mus LD50:300 mg/kg CPBTAL 30,302,82

UT8800000 3-PYRIDINETHIOL, 2-((2,4-DICHLORO-6-PYRIMIDINYL)AMINO)-6-METHYL-
UPDT:8303 MW: 287.18 MOLFM: C10-H8-Cl2-N4-S
SYN: 2-(2,4-DICHLOROPYRIMIDIN-6-YLAMINO)-6-METHYL-1H-PYRIDINIUM-3-THIOLATE
TOXICITY DATA AND REFERENCES:
3F12F17J30 ipr-mus LD50:200 mg/kg CPBTAL 30,302,82

UT8950000 3-PYRIDINETHIOL, 2-((2,4-DIMETHOXY-6-PYRIMIDINYL)AMINO)-6-METHYL-
UPDT:8303 MW: 278.36 MOLFM: C12-H14-N4-O2-S
SYN: 2-(2,4-DIMETHOXYPYRIMIDIN-6-YLAMINO)-6-METHYL-1H-PYRIDINIUM-3-THIOLATE
TOXICITY DATA AND REFERENCES:
3F12F17J30 ipr-mus LD50:26700 ug/kg CPBTAL 30,302,82

UT8999000 2-PYRIDINETHIOL, 1-OXIDE
UPDT:8402 CAS: 1121-31-9 MW: 127.17 MOLFM: C5-H5-N-O-S
SYN: 2-MERCAPTOPYRIDINE MONOXIDE * OMADINE
TOXICITY DATA AND REFERENCES:
* orl-qal LD50:178 mg/kg JRPFA4 48,371,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2-PYRIDINETHIOL-1-OXIDE, ZINC SALT see: ZH0950000

UT9600000 2(1H)-PYRIDINETHIONE
UPDT:8403 CAS: 1120-96-3 MW: 111.17 MOLFM: C5-H5-N-S
SYN: THIOPYRIDONE-2 (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg EJMCA5 18,515,83
* ivn-mus LD50:250 mg/kg AIPTAK 93,143,53

4-PYRIDINETHIONE see: UT9610000

UT9610000 4(1H)-PYRIDINETHIONE
UPDT:8403 CAS: 19829-29-9 MW: 111.17 MOLFM: C5-H5-N-S
SYN: 4-PYRIDINETHIONE * 4-THIOPYRIDONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg EJMCA5 18,515,83

UT9800000 2-(1H)-PYRIDINETHIONE, 1-HYDROXY-, SODIUM SALT
UPDT:8411 CAS: 15922-78-8 MW: 150.16 MOLFM: C5-H5-N-O-S .Na
SYN: OMACIDE 24 * SODIUM OMADINE * SODIUM PYRIDINETHIONE * SODIUM PYRITHIONE * SQ 3277
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:745 mg/kg TXAPA9 2,156,60
ipr-rat LDLo:385 mg/kg TXAPA9 2,156,60
* orl-mus LD50:870 mg/kg OYYAA2 8,1067,74
ipr-mus LD50:265 mg/kg TXAPA9 2,156,60
* scu-mus LD50:428 mg/kg OYYAA2 8,1067,84
ivn-mus LD50:335 mg/kg TXAPA9 2,156,60
1F17 ivn-rbt LDLo:200 mg/kg TXAPA9 9,269,66

UT9830000 2(1H)-PYRIDINETHIONE, 1-METHYL-
UPDT:8305 CAS: 2044-27-1 MW: 125.20 MOLFM: C6-H7-N-S
SYN: 1-METHYL-2(1H)-PYRIDINETHIONE * N-METHYLTHIOPYRIDONE-2 (French)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:300 mg/kg AIPTAK 93,143,53

1-(((PYRIDINIO)METHOXY)METHYL)-2((HYDROXYIMINIO)METHYL)PYRIDINIUM DICHLORIDE see: UU4728000
PYRIDINIUM ALDOXIME METHOCHLORIDE see: UU4200000
PYRIDINIUM-2-ALDOXIME N-METHYLIODIDE see: UU4375000
PYRIDINIUM, 2-ALDOXIME, N-METHYL METHANESULPHONATE see: UU4570000
PYRIDINIUM, 3-(AMINOCARBONYL)-1-METHYL- (9CI) see: UU3300000 PYRIDINIUM, 3-CARBAMOYL-1-METHYL-
PYRIDINIUM, 1-(((4-(AMINOCARBONYL)PYRIDINIO)METHOXY)METHYL)-2-((HYDROXYIMINO)METHYL)-, 2Cl see: UU2990000

UU2150000 PYRIDINIUM, 2-AMINO-1-METHYL-, IODIDE
UPDT:8306 CAS: 6964-53-0 MW: 236.07 MOLFM: C6-H9-N2 .I
SYN: 2-AMINO-1-METHYLPYRIDINIUM IODIDE * 2-AMINOPYRIDINE METHIODIDE * 2-AMINOPYRIDINIUM IODOMETHYLATE
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:1863 mg/kg EKMMA8 18,98,78
* scu-mus LD50:525 mg/kg EKMMA8 18,98,79

UU2200700 PYRIDINIUM, 2-AMINO-1-METHYL-, p-TOLUENESULFONATE
UPDT:8407 CAS: 32479-72-4 MW: 280.37 MOLFM: C6-H9-N2 .C7-H7-O3-S
SYN: 2-AMINO-1-METHYLPYRIDINIUM p-TOLUENESULFONATE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:2100 mg/kg EKMMA8 18,98,79

UU2230000 PYRIDINIUM, 1-((7-(((2-AMINO-4-THIAZOLYL)((1-CARBOXY-1-METHYLETHOXY)IMINO)ACETYL)AMINO)-2- CARBOXY-8-OXO-5-THIA-1-AZABICYCLO(4.2.0)OCT-2-EN-3-YL)METHYL)-, HYDROXIDE, inner salt, (6R-(6-alpha,7-beta(Z)))-, PENTAHYDRATE
UPDT:8412 CAS: 72558-82-8 MW: 636.72 MOLFM: C22-H22-N6-O7-S2 .5H2-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 ivn-rat TDLo:13500 mg/kg (17-22D preg/21D post) NKRZAZ 31(Suppl 3),968,83
1T34 ivn-rbt TDLo:1300 mg/kg (6-18D preg) NKRZAZ 31(Suppl 3),961,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU2542000 PYRIDINIUM, (4,4'-BIPHENYLYLENEBIS(2-OXOETHYLENE))BIS(3-IODO-, DIBROMIDE
UPDT:8407 CAS: 63906-07-0 MW: 806.10 MOLFM: C26-H20-I2-N2-O2 .2Br
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:130 ug/kg JPPMAB 22,20,70

UU2545000 PYRIDINIUM, 1,1'-(4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))BIS(4-(3-HYDROXYPROPYL)-, DIBROMIDE
UPDT:8405 MW: 670.50 MOLFM: C32-H34-N2-O4 .2Br
SYN: 1,1'-(4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))BIS(4-(3-HYDROXYPROPYL)PYRIDINIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
3K01K12M10 ipr-mus LD50:4500 ug/kg JAPMA8 43,79,54

UU2563000 PYRIDINIUM, 1,1'-(4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))DI-, DICHLORIDE
UPDT:8405 MW: 465.40 MOLFM: C26-H22-N2-O2 .2Cl
SYN: 1,1'-(4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))BIS(PYRIDINIUM CHLORIDE) * alpha,alpha'-DIPYRIDYL-4,4'-BIACETOPHENONE DICHLORIDE
TOXICITY DATA AND REFERENCES:
3K01K12M10 ipr-mus LD50:4900 ug/kg JAPMA8 43,79,54

UU2565000 PYRIDINIUM, 1,1'-(4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))DI-, DIIODIDE
UPDT:8405 MW: 648.30 MOLFM: C26-H22-N2-O2 .2I
SYN: 1,1'-(4,4'-BIPHENYLENEBIS(2-OXOETHYLENE))BIS(PYRIDINIUM IODIDE) * alpha,alpha'-DIPYRIDYL-4,4'-BIACETOPHENONE DIIODIDE
TOXICITY DATA AND REFERENCES:
3K01K12M10 ipr-mus LD50:5500 ug/kg JAPMA8 43,79,54

UU2592000 PYRIDINIUM, 1,1'-BIS(3,5-DIMETHYLMORPHOLINOCARBONYLMETHYL)-4,4'-DI-, DICHLORIDE
UPDT:8309 CAS: 4636-83-3 MW: 539.56 MOLFM: C26-H36-N4-O4 .2Cl
SYN: 1,1'-BIS(3,5-DIMETHYLMORPHOLINOCARBONYLMETHYL)-4,4'-BIPYRIDYLIUM DICHLORIDE * 1,1'-BIS(2-(3,5-DIMETHYL-4-MORPHOLINYL)-2-OXOETHYL)-4,4'-BIPYRIDINIUM DICHLORIDE * CEROXONE * MORFAMQUAT * MORPHANQUAT DICHLORIDE * MORFOXONE * PP 745
TOXICITY DATA AND REFERENCES:
orl-rat LD50:345 mg/kg GUCHAZ 6,367,73
orl-mus LD50:325 mg/kg 28ZEAL 5,158,76
orl-cat LD50:160 mg/kg 28ZEAL 5,158,76
orl-ckn LD50:367 mg/kg 31ZOAD 1,311,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU2593400 PYRIDINIUM, BIS(2-FORMYL-1-METHYL-, FUMARATE, DIOXIME
UPDT:8412 MW: 388.42 MOLFM: C14-H18-N4-O2 .C4-H2-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:322 mg/kg JPMSAE 50,109,61

UU2593500 PYRIDINIUM, BIS(2-FORMYL-1-METHYL-, TARTRATE, DIOXIME
UPDT:8406 MW: 422.44 MOLFM: C14-H18-N4-O2 .C4-H4-O6
SYN: BIS(2-FORMYL-1-METHYLPYRIDINIUM) TARTRATE DIOXIME * 2-PAM TARTRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:351 mg/kg JPMSAE 50,109,61

UU2701000 PYRIDINIUM, 1-(beta-sec-BUTOXY-m-CHLOROPHENETHYL)-, BROMIDE
UPDT:8408 CAS: 21270-21-3 MW: 370.75 MOLFM: C17-H21-Cl-N-O .Br
SYN: 1-(beta-sec-BUTOXY-m-CHLOROPHENETHYL)PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU2702000 PYRIDINIUM, 1-(beta-sec-BUTOXY-p-CHLOROPHENETHYL)-, BROMIDE
UPDT:8408 CAS: 21270-20-2 MW: 370.75 MOLFM: C17-H21-Cl-N-O .Br
SYN: 1-(beta-sec-BUTOXY-p-CHLOROPHENETHYL)PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU2703000 PYRIDINIUM, 1-(beta-BUTOXY-p-OCTYLPHENETHYL)-, BROMIDE
UPDT:8408 CAS: 17810-51-4 MW: 448.55 MOLFM: C25-H38-N-O .Br
SYN: 1-(beta-BUTOXY-p-OCTYLPHENETHYL)PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU2704000 PYRIDINIUM, 1-(beta-BUTOXYPHENETHYL)-, BROMIDE
UPDT:8408 CAS: 17751-76-7 MW: 336.31 MOLFM: C17-H22-N-O .Br
SYN: 1-(beta-BUTOXYPHENETHYL)PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU2705000 PYRIDINIUM, 1-(beta-sec-BUTOXYPHENETHYL)-, BROMIDE
UPDT:8408 CAS: 17751-77-8 MW: 336.31 MOLFM: C17-H22-N-O .Br
SYN: 1-(beta-sec-BUTOXYPHENETHYL)PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU2739900 PYRIDINIUM, 3-tert-BUTYL-4'-FORMYL-1,1'-(OXYDIMETHYLENE)DI-, DICHORIDE, OXIME
UPDT:8405 CAS: 27844-73-1 MW: 372.33 MOLFM: C17-H23-N3-O2 .2Cl
SYN: AD 128a * 3-tert-BUTYL-4'-FORMYL-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:19 mg/kg ATXKA8 26,293,70

UU2740000 PYRIDINIUM, 4-tert-BUTYL-4'-FORMYL-1,1'-(OXYDIMETHYLENE)DI-, DICHLORIDE, OXIME
UPDT:8405 CAS: 25712-65-6 MW: 372.33 MOLFM: C17-H23-N3-O2 .2Cl
SYN: AD 128 * 1-((4-(tert-BUTYL)PYRIDINIO)METHOXYMETHYL)-4-((HYDROXYIMINO)METHYL)PYRIDINIUM DICHLORIDE * 4-tert-BUTYL-4'-FORMYL-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME * PYRIDINIUM, 1-((4-tert-BUTYLPYRIDINIO)METHOXYMETHYL)-4-FORMYL-, DICHLORIDE, OXIME
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:47 mg/kg ARZNAD 20,55,70
* ims-mus LD50:141 mg/kg ATXKA8 26,293,70

UU2740160 PYRIDINIUM, 1-(p-tert-BUTYL-beta-(OCTYLOXY)PHENETHYL)-, BROMIDE
UPDT:8408 CAS: 17751-75-6 MW: 448.55 MOLFM: C25-H38-N-O .Br
SYN: 1-(p-tert-BUTYL-beta-(OCTYLOXY)PHENETHYL)PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68

---

* TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRIDINIUM, 1-((4-tert-BUTYLPYRIDINIO)METHOXYMETHYL)-4-FORMYL-, DICHLORIDE, OXIME see: UU2740000

UU2980000 PYRIDINIUM, 3'-CARBAMOYL-2-FORMYL-1,1'-(OXYDIMETHYLENE)DI-, DICHLORIDE, 2-OXIME
UPDT:8405 CAS: 22625-23-6 MW: 359.24 MOLFM: C14-H16-N4-O3 2Cl
SYN: 3'-CARBAMOYL-2-FORMYL-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE 2-OXIME * HS-6
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:316 mg/kg FAATDF 1,193,81
* ims-mus LD50:345 mg/kg ATXKA8 26,293,70

UU2989000 PYRIDINIUM, 3-CARBAMOYL-4'-FORMYL-1,1-(OXYDIMETHYLENE)DI-, DICHLORIDE, 4'-OXIME
UPDT:8405 CAS: 25221-20-9 MW: 359.24 MOLFM: C14-H16-N4-O3 2Cl
SYN: 3-CARBAMOYL-4'-FORMYL-1,1-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE 4-OXIME * HJ 1
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:365 mg/kg ATXKA8 26,293,70

UU2990000 PYRIDINIUM, 4'-CARBAMOYL-2-FORMYL-1,1'-(OXYDIMETHYLENE)DI-, DICHLORIDE, 2-OXIME
UPDT:8405 CAS: 34433-31-3 MW: 359.24 MOLFM: C14-H16-N4-O3 2Cl
SYN: (((4-(AMINOCARBONYL)PYRIDINO)METHOXY)METHYL)-2-((HYDROXYIMINO)METHYL)PYRIDINIUM DICHLORIDE * 4'-CARBAMOYL-2-FORMYL-1,1'-(OXYDIMETHYLENE)DI-PYRIDINIUM DICHLORIDE-2-OXIME * HI-6 * PYRIDINIUM, 1-(((4-(AMINOCARBONYL)PYRIDINIO)METHOXY)METHYL)-2-((HYDROXYIMINO)METHYL)-, 2Cl
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:514 mg/kg FAATDF 1,193,81
* ivn-mus LD50:168 mg/kg FAATDF 2,88,82
* ims-mus LD50:451 mg/kg ATXKA8 26,293,70

UU2990500 PYRIDINIUM, 4-CARBAMOYL-4'-FORMYL-1,1'-(OXYDIMETHYLENE)DI-, DICHLORIDE, 4'-OXIME
UPDT:8405 CAS: 34211-33-1 MW: 359.24 MOLFM: C14-H16-N4-O3 2Cl
SYN: 4-CARBAMOYL-4'-FORMYL-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE 4-OXIME * HJ 2
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:635 mg/kg ATXKA8 26,293,70

UU2993000 PYRIDINIUM, 3-CARBAMOYL-4'-FORMYL-1,1'-TRIMETHYLENEDI-, DIBROMIDE, 4'-OXIME
UPDT:8405 CAS: 34211-36-4 MW: 446.19 MOLFM: C15-H18-N4-O2 2Br
SYN: 3-CARBAMOYL-4'-FORMYL-1,1'-TRIMETHYLENEDIPYRIDINIUM DIBROMIDE 4-OXIME * HS 7
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:250 mg/kg ATXKA8 26,293,70

UU3300000 PYRIDINIUM, 3-CARBAMOYL-1-METHYL-
UPDT:8408 CAS: 3106-60-3 MW: 137.18 MOLFM: C7-H9-N2-O
SYN: 1-METHYL NICOTINAMIDE * PYRIDINIUM, 3-(AMINOCARBONYL)-1-METHYL- (9CI) * N(sup 1)-METHYLNICOTINAMIDE * TRIGONELLINAMIDE
MUTATION DATA AND REFERENCES:
sce-ham:ovr 5 mmol/L MUREAV 126,63,84

UU3575000 PYRIDINIUM, 1-(2-CARBOXYETHYL)-, BROMIDE, ESTER with 1-(2-HYDROXYETHYL)PYRIDINIUM BROMIDE
UPDT:8307 MW: 418.17 MOLFM: C15-H18-N2-O2 2Br
SYN: 1-(2-CARBOXYETHYL)PYRIDINIUM BROMIDE ESTER with 1-(2-HYDROXYETHYL)PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
1H02 ivn-mus LDLo:75 mg/kg AIPTAK 118,210,59

PYRIDINIUM, 3-CARBOXY-1-METHYL-, HYDROXIDE, INNER SALT (8CI) see: YF6825000

UU3675000 PYRIDINIUM, 1-((2-CARBOXY-8-OXO-7-(2-(2-THIENYL)ACETAMIDO)-5-THIA-1-AZABICYCLO(4.2.0)OCT- 2-EN-3-YL)METHYL)-, HYDROXIDE, inner salt
UPDT:8411 CAS: 50-59-9 MW: 415.51 MOLFM: C19-H17-N3-O4-S2
SYN: ALIPORINA * AMPLIGRAM * BETAINE CEPHALORIDINE * CEFALORIDIN * CEFALORIDINE * CEFLORIN * CEPALORIDIN * CEPALORIN * CEPH 87/4 * CEPHALORIDIN * CEPHALORIDINE * CEPORAN * CEPORIN * CEPORINE * CER * CILIFOR * DEFLORIN * FAREDINA * FLORIDIN * GLAXORIDIN * INTRASPORIN * KEFLODIN * KEFLORDIN * KEFSPOR * LILLY 40602 * LLONCEFAL * LORIDINE * SCH 11527 * SEFACIN * 7-((2-THIENYL)ACETAMIDO)-3-(1-PYRIDYLMETHYL)CEPHALOSPORANIC ACID * 7-(alpha-(2-THIENYL)ACETAMIDO)-3-(1-PYRIDYLMETHYL)-3-CEPHEM-4-CARBOXYLIC ACID BETAINE * 7-(THIOPHENE-2-ACETAMIDO)-3-(1-PYRIDYLMETHYL)-3-CEPHEM-4-CARBOXYLIC ACID BETAINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ims-rbt TDLo:3500 mg/kg (1-25D preg) TXAPA9 8,407,66
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2500 mg/kg TXAPA9 8,398,66
1M03 ipr-rat LD50:3200 mg/kg AACHAX -,863,65
scu-rat LD50:2500 mg/kg TXAPA9 8,398,66
* ivn-rat LD50:1300 mg/kg AACHAX -,863,65
* par-rat LD50:2500 ug/kg AACHAX -,863,65
* scu-mus LD50:9600 mg/kg NIIRDN 6,409,82
ivn-mus LD50:2200 mg/kg TXAPA9 8,398,66
1M03 ims-mus LD50:7 gm/kg BYYADW 3,220,78
3F08F13Q01 ice-mus LD50:10 mg/kg CHTHBK 26,196,80
scu-gpg LD50:550 mg/kg TXAPA9 8,398,66
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLANA4 10(pt.1),283,73; AVCPAY 8,6,74; MMWOAU 115(39),1661,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU3863000 PYRIDINIUM, 1-(m-CHLORO-beta-((2-ETHYLHEXYL)OXY)PHENETHYL)-, BROMIDE
UPDT:8408 CAS: 17810-52-5 MW: 426.87 MOLFM: C21-H29-Cl-N-O Br
SYN: 1-(m-CHLORO-beta-((2-ETHYLHEXYL)OXY)PHENETHYL)PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU3865500 PYRIDINIUM, 3-CHLORO-4'-FORMYL-1,1'-(OXYDIMETHYLENE)DI-, DICHLORIDE, OXIME
UPDT:8405 CAS: 31984-55-1 MW: 350.65 MOLFM: C13-H14-Cl-N3-O2 2Cl
SYN: AD 112a * 3-CHLORO-4'-FORMYL-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:191 mg/kg ATXKA8 26,293,70

UU3874020 PYRIDINIUM, 1-(m-CYCLOHEXYL-beta-((2-ETHYLHEXYL)OXY)PHENETHYL)-, BROMIDE
UPDT:8408 CAS: 17751-72-3 MW: 460.58 MOLFM: C27-H40-O Br
SYN: 1-(m-CYCLOHEXYL-beta-((2-ETHYLHEXYL)OXY)PHENETHYL)PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU3874050 PYRIDINIUM, 1-(p-CYCLOHEXYL-beta-((2-ETHYLHEXYL)OXY)PHENETHYL)-, BROMIDE
UPDT:8408 CAS: 17751-71-2 MW: 474.59 MOLFM: C27-H40-N-O Br
SYN: 1-(p-CYCLOHEXYL-beta-((2-ETHYLHEXYL)OXY)PHENETHYL)PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU3874070 PYRIDINIUM, 1-(p-CYCLOHEXYL-beta-(HEXYLOXY)PHENETHYL)-, BROMIDE
UPDT:8408 CAS: 21270-33-7 MW: 446.53 MOLFM: C25-H36-N-O Br
SYN: 1-(p-CYCLOHEXYL-beta-(HEXYLOXY)PHENETHYL)PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU3874090 PYRIDINIUM, 1-(p-CYCLOHEXYL-beta-(OCTYLOXY)PHENETHYL)-, BROMIDE
UPDT:8408 CAS: 17751-69-8 MW: 474.59 MOLFM: C27-H40-N-O Br
SYN: 1-(p-CYCLOHEXYL-beta-(OCTYLOXY)PHENETHYL)PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU3874110 PYRIDINIUM, 1-(p-CYCLOHEXYL-beta-(PENTYLOXY)PHENETHYL)-, BROMIDE
UPDT:8408 CAS: 17751-74-5 MW: 432.50 MOLFM: C24-H34-N-O Br
SYN: 1-(p-CYCLOHEXYL-beta-(PENTYLOXY)PHENETHYL)PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU3874140 PYRIDINIUM, 1-(p-CYCLOPENTYL-beta-((2-ETHYLHEXYL)OXY)PHENETHYL)-, BROMIDE
UPDT:8408 CAS: 17751-73-4 MW: 460.56 MOLFM: C26-H38-N-O Br
SYN: 1-(p-CYCLOPENTYL-beta-((2-ETHYLHEXYL)OXY)PHENETHYL)PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU3874160 PYRIDINIUM, 1-(p-CYCLOPENTYL-beta-(OCTYLOXY)PHENETHYL)-, BROMIDE
UPDT:8408 CAS: 17751-78-9 MW: 460.56 MOLFM: C26-H38-N-O Br
SYN: 1-(p-CYCLOPENTYL-beta(OCTYLOXY)PHENETHYL)PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU3874180 PYRIDINIUM, 1-(p-CYCLOPENTYL-beta-(PENTYLOXY)PHENETHYL)-, BROMIDE
UPDT:8408 CAS: 17810-53-6 MW: 418.47 MOLFM: C23-H32-N-O Br
SYN: 1-(p-CYCLOPENTYL-beta(PENTYLOXY)PHENETHYL)PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU3874200 PYRIDINIUM, 1-CYCLOPROPYLMETHYL-4-(3-METHYL-5-ISOXAZOLYL)-, BROMIDE
UPDT:8408 MW: 295.21 MOLFM: C13-H15-N2-O Br
SYN: 1-CYCLOPROPYLMETHYL-4-(3-METHYL-5-ISOXAZOLYL)-PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
1N22 orl-mus LD50:1093 mg/kg TXAPA9 14,393,69

UU3874210 PYRIDINIUM, 1,1'-DECAMETHYLENEBIS(3-CARBAMOYL-, DIBROMIDE
UPDT:8408 MW: 544.40 MOLFM: C22-H32-N4-O2 2Br
SYN: 1,1'-DECAMETHYLENEBIS(3-CARBAMOYLPYRIDINIUM BROMIDE) * G.L. 210 * P.M. 544
TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD50:12 mg/kg AIPTAK 90,271,52

UU3874220 PYRIDINIUM, 1,1'-DECAMETHYLENEBIS-, DIBROMIDE
UPDT:8408 CAS: 6266-40-6 MW: 458.34 MOLFM: C20-H30-N2 2Br
SYN: 1,1'-DECAMETHYLENEBIS(PYRIDINIUM BROMIDE) * G.L. 110 * P.M. 458
TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD50:15 mg/kg AIPTAK 90,271,52

UU3874230 PYRIDINIUM, 1,1'-DECAMETHYLENEBIS(4-FORMYL-, DIBROMIDE, DIOXIME,
UPDT:8408 MW: 544.40 MOLFM: C22-H32-N4-O2 2Br
SYN: N,N'-DECAMETHYLENEBIS(4-HYDROXYIMINOMETHYLPYRIDINIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:10 mg/kg BJPCAL 14,186,59

UU3874240 PYRIDINIUM compd. with 1,1'-DIACETYL-2,4-DIHYDRO-2,2'-DIOXOSPIRO(BENZ(c,d)INDOLE-5(1H),3'- INDOLINE)-3,4-DICARBOXYLIC ANHYDRIDE (1:1)
UPDT:8408 MW: 521.51 MOLFM: C5-H5-N C24-H14-N2-O7
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#05157

UU3874300 PYRIDINIUM, 1-(3,4-DICHLORO-beta-((2-ETHYLHEXYL)OXY)-PHENETHYL)-, BROMIDE
UPDT:8408 CAS: 17751-68-7 MW: 461.31 MOLFM: C21-H28-Cl2-N-O Br
SYN: 1-(3,4-DICHLORO-beta-((2-ETHYLHEXYL)OXY)PHENETHYL)PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU3874600 PYRIDINIUM, 4-(((2-(DIETHYLAMINO)ETHYL)THIO)(HYDROXYIMINO)METHYL)-1-METHYL-, CHLORIDE, MONOHYDROCHLORIDE
UPDT:8303 CAS: 58373-21-0 MW: 340.35 MOLFM: C13-H22-N3-O-S Cl Cl-H
SYN: S-DIETHYLAMINOETHYL ESTER of N-METHYLPYRIDINIUM CHLORIDE-4-THIOHYDROXIMIC ACID HYDROCHLORIDE * 4-(((2-(DIETHYLAMINO)ETHYL)THIO)(HYDROXYIMINO)METHYL)-1-METHYL-PYRIDINIUM CHLORIDE HCl
TOXICITY DATA AND REFERENCES:
1Y23 ims-rat LD50:400 mg/kg PCJOAU 9,699,76

UU3874650 PYRIDINIUM, 3-(DIETHYLCARBAMOYL)-1-METHYL-, CHLORIDE
UPDT:8311 MW: 228.75 MOLFM: C11-H17-N2-O Cl
SYN: CHLORURE de N-METHYLCORAMINE (French) * 3-(DIETHYLCARBAMOYL)-1-METHYLPYRIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
1F01 scu-rat LD50:1900 mg/kg APFRAD 8,773,50

UU3874700 PYRIDINIUM, 3-(DIETHYLCARBAMOYL)-1-METHYL-, 2-OXO-3-BORNANESULFONATE
UPDT:8308 CAS: 4876-45-3 MW: 424.61 MOLFM: C11-H17-N2-O C10-H15-O4-S
SYN: CAMPHETAMIDE * CAMPHOSULFONYL-N-METHYLPYRIDINE-beta-DIETHYLCARBOXAMIDE * CAMPHOTAMIDE * CAMPHRAMINE * 3-(DIETHYLCARBAMOYL)-1-METHYLPYRIDINIUM 2-OXO-3-BORNANESULFONATE * TONICORINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:422 mg/kg AIPTAK 103,146,55

UU3874970 PYRIDINIUM, 2,4'-DIFORMYL-1,1'-(OXYDIMETHYLENE)DI-, DICHLORIDE, DIOXIME
UPDT:8405 CAS: 25487-36-9 MW: 359.24 MOLFM: C14-H16-N4-O3 2Cl
SYN: HS 3
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:149 mg/kg ARTODN 41,301,79

ivn-rat LD50:168 mg/kg ARTODN 41,301,79
* ims-mus LD50:100 mg/kg ATXKA8 26,293,70

UU3875100 PYRIDINIUM, 3,4'-DIFORMYL-1,1'-(OXYDIMETHYLENE)DI-, DICHLORIDE, DIOXIME
UPDT:8405 CAS: 36979-62-1 MW: 359.24 MOLFM: C14-H16-N4-O3 .2Cl
SYN: 3,4'-DIFORMYL-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE DIOXIME * HJ 7
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:93 mg/kg ATXKA8 26,293,70

UU3875300 PYRIDINIUM, 1,1'-(2,3-DIHYDROXYTETRAMETHYLENE)BIS(4-FORMYL-, DIBROMIDE, DIOXIME
UPDT:8405 CAS: 63906-14-9 MW: 492.22 MOLFM: C16-H20-N4-O4 .2Br
SYN: 1,4-BIS(4-ALDOXIMINOPYRIDINIUM)BUTANEDIOL-2,3-BIBROMIDE * 1,4-BIS(4-HYDROXYIMINOMETHYL-PYRIDINIUM-(1))-BUTANEDIOL-2,3 DIBROMID (German) * R 21
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:130 mg/kg ARZNAD 14,870,64
ivn-mus LD50:64 mg/kg ARZNAD 14,870,64
ims-mus LD50:148 mg/kg ARZNAD 14,870,64

PYRIDINIUM, 3-((DIMETHYLAMINO)CARBONYL)OXY)-1-METHYL-, BROMIDE see: UU5270000

UU3879800 PYRIDINIUM, 3-(DIMETHYLAMINO)-2'-FORMYL-1,1'-(OXYDIMETHYLENE)DI-, DICHLORIDE, OXIME
UPDT:8405 CAS: 27183-62-6 MW: 359.29 MOLFM: C15-H20-N4-O2 .2Cl
SYN: AD 126C * 3-(DIMETHYLAMINO)-2'-FORMYL-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:57 mg/kg ATXKA8 26,293,70

UU3879900 PYRIDINIUM, 3-(DIMETHYLAMINO)-4'-FORMYL-1,1'-(OXYDIMETHYLENE)DI-, DICHLORIDE, OXIME
UPDT:8405 CAS: 25712-62-3 MW: 359.29 MOLFM: C15-H20-N4-O2 .2Cl
SYN: AD 126a * 3-(DIMETHYLAMINO)-4'-FORMYL-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:38 mg/kg ATXKA8 26,293,70

UU3880000 PYRIDINIUM, 4-(DIMETHYLAMINO)-4'-FORMYL-1,1'-(OXYDIMETHYLENE)DI-, DICHLORIDE, OXIME
UPDT:8405 CAS: 27918-54-3 MW: 359.29 MOLFM: C15-H20-N4-O2 .2Cl
SYN: AD 126 * 4-(DIMETHYLAMINO)-4'-FORMYL-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME * 1-((4-(DIMETHYLAMINO)PYRIDINIO)METHOXYMETHYL)-4-((HYDROXYIMINO)METHYL)PYRIDINIUM DICHLORIDE * PYRIDINIUM, 1-((4-(N,N-DIMETHYLAMINO)PYRIDINIO)METHOXYMETHYL)-4-FORMYL-, DICHLORIDE, OXIME
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:23 mg/kg ARZNAD 20,55,70
* ims-mus LD50:41 mg/kg ATXKA8 26,293,70

PYRIDINIUM, 1-((4-(N,N-DIMETHYLAMINO)PYRIDINIO)METHOXYMETHYL)-4-FORMYL-, DICHLORIDE, OXIME see: UU3880000

UU4017200 PYRIDINIUM, 1-DODECYL-2-FORMYL-, IODIDE, OXIME
UPDT:8312 CAS: 3150-38-7 MW: 418.41 MOLFM: C18-H31-N2-O .I
SYN: DODECYLPRALIDOXIME * 2-HYDROXYIMINOMETHYL-1-DODECYLPYRIDINIUM IODIDE * PAD * PYRIDINIUM, 1-DODECYL-2-((HYDROXYIMINO)METHYL)-, IODIDE (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:49 mg/kg TXAPA9 66,244,82

PYRIDINIUM, 1-DODECYL-2-((HYDROXYIMINO)METHYL)-, IODIDE (9CI) see: UU4017200

UU4017400 PYRIDINIUM, 1-(beta-(DODECYLOXOXY)-p-ISOPROPYLPHENETHYL)-, BROMIDE
UPDT:8408 CAS: 21270-25-7 MW: 490.64 MOLFM: C28-H44-N-O .Br
SYN: 1-(beta-(DODECYCLOXY)-p-ISOPROPYLPHENETHYL)PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU4020900 PYRIDINIUM, 1,1'-ETHYLENEBIS(3-CARBAMOYL-, DIBROMIDE, HYDRATE
UPDT:8305 CAS: 19293-83-5 MW: 450.18 MOLFM: C14-H16-N4-O2 .2Br .H2-O
SYN: 1,1'-ETHYLENEBIS(3-CARBAMOYLPYRIDINIUM BROMIDE) HYDRATE * G.L. 202 * P.M. 450
TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD50:200 mg/kg AIPTAK 90,271,52

UU4021000 PYRIDINIUM, 1,1'-ETHYLENEDI-, DIBROMIDE
UPDT:8305 CAS: 882-35-9 MW: 346.10 MOLFM: C12-H14-N2 .2Br
SYN: 1,1'-ETHYLENEBIS(PYRIDINIUM)BROMIDE * 1,1'-ETHYLENEDIPYRIDINIUM DIBROMIDE * G.L. 102 * P.M. 346
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#05031
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UU4024040 PYRIDINIUM, 1-(beta-((2-ETHYLHEXYL)OXY)-p-HEXYLPHENETHYL)-, BROMIDE
UPDT:8412 CAS: 17751-70-1 MW: 476.61 MOLFM: C27-H42-N-O .Br
SYN: 1-(beta-((2-ETHYLHEXYL)OXY)-p-HEXYLPHENETHYL)PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU4024060 PYRIDINIUM, 1-(beta-((2-ETHYLHEXYL)OXY)PHENETHYL)-, BROMIDE
UPDT:8408 CAS: 21270-19-9 MW: 392.43 MOLFM: C21-H30-N-O .Br
SYN: 1-(beta-((2-ETHYLHEXYL)OXY)PHENETHYL)PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU4025300 PYRIDINIUM, 4-(ETHYLTHIO)-4'-FORMYL-1,1'-(OXYDIMETHYLENE)DI-, DICHLORIDE, OXIME
UPDT:8405 CAS: 51276-91-6 MW: 376.33 MOLFM: C15-H19-N3-O2-S .2Cl
SYN: AD 136 * 4-(ETHYLTHIO)-4'-FORMYL-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:55 mg/kg ATXKA8 26,293,70

UU4140000 PYRIDINIUM, 4-FORMYL-1-(((2-IMIDAZOLIDINYLIDENESULFONIO)METHOXY)METHYL)-, DICHLORIDE, OXIME
UPDT:8405 MW: 339.27 MOLFM: C11-H16-N4-O2-S .2Cl
SYN: 4-FORMYL-1-(((2-IMIDAZOLIDINYLIDENESULFONIO)METHOXY)METHYL)PYRIDINIUM DICHLORIDE OXIME * HJ 10
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:147 mg/kg ATXKA8 26,293,70

UU4148000 PYRIDINIUM, 2-FORMYL-3'-IODO-1,1'-(OXYDIMETHYLENE)DI-, DICHLORIDE, OXIME
UPDT:8405 CAS: 27122-88-9 MW: 442.10 MOLFM: C13-H14-I-N3-O2 .2Cl
SYN: AD 116c * 2-FORMYL-3'-IODO-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:72 mg/kg ATXKA8 26,293,70

UU4150000 PYRIDINIUM, 4'-FORMYL-3-IODO-1,1'-(OXYDIMETHYLENE)DI-, DICHLORIDE, OXIME
UPDT:8405 CAS: 27918-52-1 MW: 442.10 MOLFM: C13-H14-I-N3-O2 .2Cl
SYN: AD 116a * 4'-FORMYL-3-IODO-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME * 1-(((4-((HYDROXYIMINO)METHYL)PYRIDINIO)METHOXY)METHYL)-3-IODO-PYRIDINIUM DICHLORIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:50 mg/kg ARZNAD 20,55,70
* ims-mus LD50:94 mg/kg ATXKA8 26,293,70

UU4170000 PYRIDINIUM, 4-FORMYL-4'-(ISOPROPYLTHIO)-1,1'-(OXYDIMETHYLENE)DI-, DICHLORIDE, OXIME
UPDT:8405 CAS: 51545-19-8 MW: 390.36 MOLFM: C16-H21-N3-O2-S .2Cl
SYN: AD 138 * 4-FORMYL-4'-(ISOPROPYLTHIO)-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:93 mg/kg ATXKA8 26,293,70

UU4180000 PYRIDINIUM, 2-FORMYL-1-METHYL-, ACETATE, OXIME
UPDT:8408 MW: 196.23 MOLFM: C7-H9-N2-O .C2-H3-O2
SYN: 2-FORMYL-1-METHYLPYRIDINIUM ACETATE OXIME * 2-PAM ACETATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:163 mg/kg JPMSAE 50,109,61

UU4190000 PYRIDINIUM, 2-FORMYL-3'-(METHYLCARBAMOYL)-1,1'-(OXYDIMETHYLENE)DI-, DICHLORIDE, 2-OXIME
UPDT:8405 CAS: 25487-38-1 MW: 373.27 MOLFM: C15-H18-N4-O3 .2Cl
SYN: 2-FORMYL-3'-(METHYLCARBAMOYL)-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE 2-OXIME * HS 9
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:266 mg/kg ATXKA8 26,293,70

UU4200000 PYRIDINIUM, 2-FORMYL-1-METHYL-, CHLORIDE, OXIME
UPDT:8406 CAS: 51-15-0 MW: 172.63 MOLFM: C7-H9-N2-O .Cl
SYN: 2-FORMYL-1-METHYLPYRIDINIUM CHLORIDE OXIME * 2-FORMYL-N-METHYLPYRIDINIUM OXIME CHLORIDE * 2-(HYDROXYIMINOMETHYL)-1-METHYLPYRIDINIUM CHLORIDE * 1-METHYL-2-ALDOXIMINOPYRIDINIUM CHLORIDE * 1-METHYL-2-FORMYLPYRIDINIUM CHLORIDE OXIME * 1-METHYL-2-PYRIDINIUM ALDOXIME CHLORIDE * N-METYLPYRIDINIUM-2-ALDOXIME CHLORIDE * N-METHYLPYRIDINIUM CHLORIDE 2-ALDOXIME * PAM 2CL * 2-PAM CHLORIDE * PRALIDOXIME CHLORIDE * PROTOPAM * PROTOPAM CHLORIDE * 2-PYRIDINE-ALDOXIME CHLORIDE * PYRIDINE-2-ALDOXIME METHOCHLORIDE * 2-PYRIDINE ALDOXIME METHYL CHLORIDE * PYRIDINIUM ALDOXIME METHOCHLORIDE * 2-PAM * PYRIDINIUM, 2-((HYDROXYIMINO)METHYL)-1-METHYL-, CHLORIDE
TOXICITY DATA AND REFERENCES:
3F24J04J24 ivn-man TDLo:14 mg/kg 34ZIAG -,449,69
1H01 ivn-hmn TDLo:15 mg/kg AEHLAU 15,599,67
ivn-rat LD50:96 mg/kg TXAPA9 16,40,70
ims-rat LD50:150 mg/kg TXAPA9 16,40,70
orl-mus LD50:4100 mg/kg JPMSAE 53,1143,64
* ipr-mus LD50:155 mg/kg ARZNAD 14(1),5,64
* ivn-mus LD50:90 mg/kg ARZNAD 14(1),5,64
* ims-mus LD50:180 mg/kg ARZNAD 14(1),5,64
ivn-rbt LD50:95 mg/kg JPETAB 132,50,61
ims-gpg LD50:168 mg/kg TXAPA9 16,40,70
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JPMSAE 53,1143,64; AJMEAZ 50,475,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU4350000 PYRIDINIUM, 2-FORMYL-1-METHYL-, DIHYDROGEN PHOSPHATE, OXIME
UPDT:8406 MW: 234.17 MOLFM: C7-H9-N2-O .H2-O4-P
SYN: 2-FORMYL-1-METHYLPYRIDINIUM DIHYDROGEN PHOSPHATE OXIME * 2-PAM DIHYDROGEN PHOSPHATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:165 mg/kg JPMSAE 50,109,61

UU4360000 PYRIDINIUM, 2-FORMYL-1-METHYL-, HYDROGEN SULFATE, OXIME
UPDT:8406 MW: 234.25 MOLFM: C7-H9-N2-O .H-O4-S
SYN: 2-FORMYL-1-METHYLPYRIDINIUM HYDROGEN SULFATE OXIME * 2-PAM HYDROGEN SULFATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:194 mg/kg JPMSAE 50,109,61

UU4375000 PYRIDINIUM, 2-FORMYL-1-METHYL-, IODIDE, OXIME
UPDT:8406 CAS: 94-63-3 MW: 264.08 MOLFM: C7-H9-N2-O .I
SYN: 2-FORMYL-1-METHYLPYRIDINIUM IODIDE OXIME * 2-FORMYL-N-METHYLPYRIDINIUM OXIME IODIDE * 2-HYDROXYIMINOMETHYL-1-METHYLPYRIDINIUM IODIDE * 1-METHYL-2-ALDOXIMINOPYRIDINIUM IODIDE * 1-METHYL-2-HYDROXYIMINOMETHYLPYRIDINIUM IODIDE * N-METHYLPYRIDINE-2-ALDOXIME IODIDE * N-METHYLPYRIDINIUM-2-ALDOXIME IODIDE * PAM (Czech) * P-2-AM * 2-PAM * 2-PAM IODIDE * PRALIDOXIME IODIDE * PRALIDOXIME METHIODIDE * PROTOPAM IODIDE * 2-PYRIDINALDOXIM METHOJODID (German) * PYRIDIN-2-ALDOXIN (Czech) * 2-PYRIDINE ALDOXIME IODOMETHYLATE * PYRIDINE-2-ALDOXIME METHIODIDE * PYRIDINE-2-ALDOXIME METHYL IODIDE * PYRIDINIUM-2-ALDOXIME N-METHYLIODIDE * NSC 7760
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:305 mg/kg BJPCAL 13,202,58
orl-mus LD50:1500 mg/kg JPMSAE 53,1143,64
1J30 ipr-mus LD50:136 mg/kg ABBIA4 60,261,56
* scu-mus LD50:140 mg/kg AEHLAU 5,21,62
ivn-mus LD50:145 mg/kg JPETAB 132,50,61
* ims-mus LD50:240 mg/kg ARZNAD 14,5,64
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JPMSAE 53,1143,64; JAMAAP 166,1834,58; AJMEAZ 50,475,71

UU4550000 PYRIDINIUM, 2-FORMYL-1-METHYL-, LACTATE, OXIME
UPDT:8406 CAS: 21239-05-4 MW: 226.26 MOLFM: C10-H14-N2-O4
SYN: 2-FORMYL-N-METHYLPYRIDINIUM OXIME LACTATE * 2-FORMYL-1-METHYLPYRIDINIUM LACTATE OXIME * 2-PAM LACTATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:188 mg/kg JPMSAE 50,109,61
ivn-mus LD50:121 mg/kg JPMSAE 53,1143,64
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JPMSAE 53,1143,64

UU4570000 PYRIDINIUM, 2-FORMYL-1-METHYL-, METHANESULFONATE OXIME
UPDT:8406 CAS: 154-97-2 MW: 232.28 MOLFM: C7-H9-N2-O .C-H3-O3-S
SYN: CONTRATHION * 2-FORMYL-N-METHYLPYRIDINIUM OXIME METHANESULFONATE * 2-FORMYL-1-METHYLPYRIDINIUM METHANESULFONATE OXIME * 2-HYDROXYIMINOMETHYL-N-METHYLPYRIDINIUM METHANESULPHONATE * N-METHYLPYRIDINIUM-2-ALDOXIME METHANESULPHONATE * 1-METHYLPYRIDINIUM-2-ALDOXIME METHANESULFONATE * PYRIDINIUM, 2-((HYDROXYIMINO)METHYL)-1-METHYL-, METHANESULFONATE * N-METHYLPYRIDINIUM METHANE SULFONATE 2-ALDOXIME * 2-PAM METHANESULFONATE * PRALIDOXIME MESYLATE * PRALIDOXIME METHANESULFONATE * PRALIDOXIME METHOSULFATE * PYRIDINIUM 2-ALDOXIME, N-METHYL METHANESULPHONATE * PYRIDINIUM, 2-((HYDROXYIMINO)METHYL)-1-METHYL-, METHANESULFONATE (SALT) (9CI) * P2S
TOXICITY DATA AND REFERENCES:
1K30 orl-hmn TDLo:52500 mg/kg/4W-I AEHLAU 15,599,67
1H01 ivn-hmn TDLo:45 mg/kg AEHLAU 15,599,67
orl-rat LD50:7000 mg/kg CJBPAZ 39,351,61
ipr-rat LD50:262 mg/kg BJPCAL 13,202,58
scu-rat LD50:332 mg/kg BJPCAL 13,202,58
ivn-rat LD50:109 mg/kg BJPCAL 13,202,58
ims-rat LD50:218 mg/kg BJPCAL 13,202,58
orl-mus LD50:3700 mg/kg CJBPAZ 39,351,61
ipr-mus LD50:132 mg/kg BCPCA6 7,232,61
scu-mus LD50:165 mg/kg BJPCAL 13,202,58
ivn-mus LD50:122 mg/kg BJPCAL 13,202,58
ims-mus LD50:231 mg/kg BJPCAL 13,202,58
ims-mky LD50:356 mg/kg BJPCAL 13,202,58
ivn-rbt LD50:118 mg/kg TXAPA9 33,559,75
ims-rbt LD50:258 mg/kg TXAPA9 33,559,75
ims-gpg LD50:305 mg/kg BJPCAL 13,202,58
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JPMSAE 53,1143,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU4585000 PYRIDINIUM, 2-FORMYL-1-METHYL-, NITRATE, OXIME
UPDT:8406 MW: 199.19 MOLFM: C7-H9-N2-O N-O3
SYN: 2-FORMYL-1-METHYLPYRIDINIUM NITRATE OXIME * 2-PAM NITRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:165 mg/kg JPMSAE 50,109,61

UU4722000 PYRIDINIUM, 4'-FORMYL-3-(METHYLSULFONYL)-1,1'-(OXYDIMETHYLENE)DI-, DICHLORIDE, OXIME
UPDT:8405 CAS: 27844-71-9 MW: 394.30 MOLFM: C14-H17-N3-O4-S 2Cl
SYN: AD 108a * 4'-FORMYL-3-(METHYLSULFONYL)-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:151 mg/kg ATXKA8 26,293,70

UU4725100 PYRIDINIUM, 4-FORMYL-4'-(METHYLTHIO)-1,1'-(OXYDIMETHYLENE)DI-, DICHLORIDE, OXIME
UPDT:8405 CAS: 27918-56-5 MW: 362.30 MOLFM: C14-H17-N3-O2-S 2Cl
SYN: AD 122 * 4-FORMYL-4'-(METHYLTHIO)-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:84 mg/kg ATXKA8 26,293,70

UU4728000 PYRIDINIUM, 2-FORMYL-1,1'-(OXYDIMETHYLENE)DI-, DICHLORIDE, OXIME
UPDT:8405 CAS: 34211-28-4 MW: 316.21 MOLFM: C13-H15-N3-O2 2Cl
SYN: 2-FORMYL-1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE OXIME * HS 14 * 1-(((PYRIDINIO)METHOXY)METHYL)-2((HYDROXYIMINIO)METHYL)PYRIDINIUM DICHLORIDE * PYRIDINIUM, 2-((HYDROXYIMINO)METHYL)-1-((PYRIDINIOMETHOXY)METHYL-, DICHLORIDE (9CI) * S 47
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:66 mg/kg ARTODN 41,301,79
* ipr-mus LD50:130 mg/kg FAATDF 1,193,81
* ims-mus LD50:157 mg/kg ATXKA8 26,293,70

UU4830000 PYRIDINIUM, 1-HEPTYL-2-FORMYL-, IODIDE, OXIME
UPDT:8312 MW: 336.25 MOLFM: C12-H21-N2-O I
SYN: HEPTYLPRALIDOXIME * 2-HYDROXYIMINOMETHYL-1-HEPTYLPYRIDINIUM IODIDE * PAH * PYRIDINIUM, 1-HEPTYL-2-((HYDROXYIMINO)METHYL)-, IODIDE (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:169 mg/kg TXAPA9 66,244,82

PYRIDINIUM, 1-HEPTYL-2-((HYDROXYIMINO)METHYL)-, IODIDE (9CI) see: UU4830000

UU4845000 PYRIDINIUM, 1-HEXADECYL-
UPDT:8406 CAS: 7773-52-6 MW: 304.60 MOLFM: C21-H38-N
SYN: CEEPRYN * CETYLPYRIDINIUM * N-HEXADECYLPYRIDINIUM
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:200 mg/kg BCFAAI 101,173,62
* ivn-mus LD50:30 mg/kg BCFAAI 101,173,62

UU4850000 PYRIDINIUM, 1-HEXADECYL-, BROMIDE, mixture with CHLORO(2-HYDROXYETHYL)MERCURY
UPDT:8106 CAS: 8015-43-8 MW: 665.62 MOLFM: C21-H38-N C2-H5-Cl-Hg-O Br
SYN: DIOCID * DIOCIDE
TOXICITY DATA AND REFERENCES:
3F07F17F18 orl-rat LD50:172 mg/kg PCJOAU 11,918,77
3F07F17F18 ipr-rat LD50:21700 mg/kg PCJOAU 11,918,77
3F07F17F18 orl-mus LD50:54 mg/kg PCJOAU 11,918,77
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Hg)/m3;STEL 30 ug(Hg)/m3 (skin) DTLVS* 4,253,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Hg)/m3;CL 40 ug(Hg)/m3 (SCP-W) FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU4900000 PYRIDINIUM, 1-HEXADECYL-, CHLORIDE
UPDT:8[illegible]2 CAS: 123-03-5 MW: 340.05 MOLFM: C21-H38-N Cl
SYN: ACETOQUAT CPC * AKTIVEX * AMMONYX CPC * BIOSEPT * CEEPRYN * CEEPRYN CHLORIDE * N-CETYLPYRIDINIUM CHLORIDE * 1-CETYLPYRIDINIUM CHLORIDE * CEPACOL CHLORIDE * CEPRIM * CETAMIUM * CETYLPYRIDINIUM CHLORIDE * DOBENDAN * HEXADECYLPYRIDINIUM CHLORIDE * n-HEXADECYLPYRIDINIUM CHLORIDE * 1-HEXADECYLPYRIDINIUM CHLORIDE * INTEXSAN CPC * PRISTACIN * PYRISEPT * QUATERNARIO CPC
IRRITATION DATA AND REFERENCES:
skn-rbt 50 mg/24H MOD 33NFA8 -,2,75
eye-rbt 1% ARZNAD 18,137,68
eye-rbt 100 mg JPMSAE 59,188,70
TOXICITY DATA AND REFERENCES:
orl-rat LD50:200 mg/kg SDSTBT 5R,24,72
ipr-rat LD50:6 mg/kg JAPMA8 35,89,46
scu-rat LD50:250 mg/kg JAPMA8 35,89,46
ivn-rat LD50:30 mg/kg AFDOAQ 18,43,54
orl-mus LD50:108 mg/kg PSEBAA 120,511,65
ipr-mus LD50:10 mg/kg JMCMAR 23,469,80
orl-rbt LD50:400 mg/kg PCOC** -,208,66
* skn-rbt LDLo:2 gm/kg JPMSAE 59,188,70
ivn-rbt LD50:36 mg/kg PCOC** -,208,66
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARTODN 32,245,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU5075000 PYRIDINIUM, 1-HEXADECYL-, CHLORIDE, MONOHYDRATE
UPDT:8403 CAS: 6004-24-6 MW: 358.07 MOLFM: C21-H38-N Cl H2-O
SYN: CEEPRYN * CEPACOL * CETYLPYRIDINIUM CHLORIDE MONOHYDRATE * 1-HEXADECYLPYRIDINIUM CHLORIDE MONOHYDRATE
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:15 mg/kg JPETAB 74,401,42
ipr-mus LDLo:3 mg/kg JPETAB 74,401,42
ivn-dog LDLo:100 mg/kg JPETAB 74,401,42
orl-rbt LDLo:400 mg/kg JPETAB 74,401,42
ipr-rbt LDLo:5 mg/kg JPETAB 74,401,42
scu-rbt LDLo:200 mg/kg JPETAB 74,401,42
ivn-rbt LDLo:20 mg/kg JPETAB 74,401,42
ipr-gpg LDLo:5 mg/kg JPETAB 74,401,42

UU5083000 PYRIDINIUM, 1,1'-HEXAMETHYLENEBIS(3-CARBAMOYL-, DIBROMIDE, DIHYDRATE
UPDT:8305 MW: 524.32 MOLFM: C18-H24-N4-O2 2Br 2H2-O
SYN: G.L. 206 * 1,1'-HEXAMETHYLENEBIS(3-CARBAMOYLPYRIDINIUM BROMIDE) DIHYDRATE * P.M. 524
TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD50:80 mg/kg AIPTAK 90,271,52

UU5083200 PYRIDINIUM, 1,1'-HEXAMETHYLENEBIS(CARBONYLMETHYLENE)BIS-, DICHLORIDE
UPDT:8309 MW: 397.38 MOLFM: C20-H26-N2-O2 2Cl
SYN: 1,1'-HEXAMETHYLENEBIS(CARBONYLMETHYLENE)BISPYRIDINIUM DICHLORIDE * P-16-8
TOXICITY DATA AND REFERENCES:
3C08H02J30 ipr-mus LD50:10 mg/kg JPMSAE 51,27,62

UU5084000 PYRIDINIUM, 1,1'-HEXAMETHYLENEBIS-, DIBROMIDE
UPDT:8305 MW: 402.22 MOLFM: C16-H22-N2 2Br
SYN: G.L. 106 * 1,1'-HEXAMETHYLENEBIS(PYRIDINIUM BROMIDE) * P.M. 402
TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD50:26 mg/kg AIPTAK 90,271,52

UU5190000 PYRIDINIUM, 2-HYDROXYCARBAMOYL-1-METHYL-, IODIDE
UPDT:8408 MW: 280.08 MOLFM: C7-H9-N2-O2 I
SYN: 2-HYDROXYCARBAMOYL-1-METHYLPYRIDINIUM IODIDE * N-METHYLPYRIDINIUM-2-CARBOHYDROXAMIC ACID IODIDE
MUTATION DATA AND REFERENCES:
mmo-sat 10 umol/plate MUREAV 135,139,84

UU5192000 PYRIDINIUM, 3-HYDROXYCARBAMOYL-1-METHYL-, IODIDE
UPDT:8408 MW: 280.08 MOLFM: C7-H9-N2-O2 I
SYN: 3-HYDROXYCARBAMOYL-1-METHYLPYRIDINIUM IODIDE * N-METHYLPYRIDINIUM-3-CARBOHYDROXAMIC ACID IODIDE
MUTATION DATA AND REFERENCES:
mmo-sat 10 umol/plate MUREAV 135,139,84

UU5194000 PYRIDINIUM, 4-HYDROXYCARBAMOYL-1-METHYL-, IODIDE
UPDT:8408 MW: 280.08 MOLFM: C7-H9-N2-O2 I
SYN: 4-HYDROXYCARBAMOYL-1-METHYLPYRIDINIUM IODIDE * N-METHYLPYRIDINIUM-4-CARBOHYDROXAMIC ACID IODIDE
MUTATION DATA AND REFERENCES:
mmo-sat 10 umol/plate MUREAV 135,139,84

PYRIDINIUM, 2-((HYDROXYIMINO)METHYL)-1-METHYL-, CHLORIDE see: UU4200000

PYRIDINIUM, 2-((HYDROXYIMINO)METHYL)-1-METHYL-, METHANESULFONATE see: UU4570000

PYRIDINIUM, 2-((HYDROXYIMINO)METHYL)-1-METHYL-, METHANESULFONATE (SALT) (9CI) see: UU4570000

PYRIDINIUM, 2-((HYDROXYIMINO)METHYL)-1-((PYRIDINIOMETHOXY)METHYL)-, DICHLORIDE (9CI) see: UU4728000

UU5270000 PYRIDINIUM, 3-HYDROXY-1-METHYL-, BROMIDE, DIMETHYLCARBAMATE (ester)
UPDT:8305 CAS: 101-26-8 MW: 261.13 MOLFM: C9-H13-N2-O2 Br
SYN: 3-HYDROXY-1-METHYLPYRIDINIUM BROMIDE DIMETHYLCARBAMATE (ester) * MESTINON * PYRIDINIUM, 3-((DIMETHYLAMINO)CARBONYL)OXY)-1-METHYL-, BROMIDE * PYRIDOSTIGMINE BROMIDE * REGONAL * RO 1-5130
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:37500 ug/kg NIIRDN 6,354,82
* ipr-rat LD50:3300 ug/kg NIIRDN 6,354,82
* scu-rat LD50:3100 ug/kg JMCMAR 26,145,83
* orl-mus LD50:16 mg/kg NIIRDN 6,354,82
* ipr-mus LD50:1 mg/kg NIIRDN 6,354,82
* scu-mus LD50:1500 ug/kg NIIRDN 6,354,82
ivn-mus LD50:1500 ug/kg MECHAN 3,329,56
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU5283700 PYRIDINIUM, 3-HYDROXY-1-METHYL-, IODIDE
UPDT:8312 CAS: 7500-05-2 MW: 237.05 MOLFM: C6-H8-N-O I
SYN: 3-HYDROXY-1-METHYLPYRIDINIUM IODIDE * 3-HYDROXYPYRIDINE METHIODIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1350 mg/kg JCSOA9 -,182,47

UU5694250 PYRIDINIUM, 1-(p-ISOPROPYL-beta-(PENTYLOXY)PHENETHYL)-, BROMIDE
UPDT:8408 CAS: 21270-24-6 MW: 392.43 MOLFM: C21-H30-N-O Br
SYN: 1-(p-ISOPROPYL-beta-(PENTYLOXY)PHENETHYL)PYRIDINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg CHTPBA 3,81,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU5845000 PYRIDINIUM, 1-(2-(2-(p-(alpha-METHYLBENZYL)PHENOXY)ETHOXY)ETHYL)-, CHLORIDE
UPDT:8311 CAS: 22317-62-0 MW: 383.95 MOLFM: C23-H26-N-O2 Cl
SYN: 1-(2-(2-(p-(alpha-METHYLBENZYL)PHENOXY)ETHOXY)ETHYL)PYRIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-frg LD50:42500 ug/kg GTPZAB 12(12),44,68

UU5950000 PYRIDINIUM, METHYL-, CHLORIDE
UPDT:8311 CAS: 7680-73-1 MW: 129.60 MOLFM: C6-H8-N Cl
SYN: METHYL PYRIDINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
1F01 scu-rat LD50:280 mg/kg APFRAD 8,773,50
ipr-mus LDLo:220 mg/kg JCINAO 25,908,46

UU5985000 PYRIDINIUM, 1,1'-METHYLENEBIS(4-FORMYL-, DIBROMIDE, DIOXIME
UPDT:8405 MW: 418.13 MOLFM: C13-H14-N4-O2 2Br
SYN: 1,1'-METHYLENEBIS(4-FORMYLPYRIDINIUM) DIBROMIDE DIOXIME * 1,1'-METHYLENEBIS(4-((HYDROXYIMINO)METHYL)PYRIDINIUM) DIBROMIDE * MMB-4
TOXICITY DATA AND REFERENCES:
3F11F19J26 ims-mus LD50:448 mg/kg NTIS** AD-A131-940

UU6201000 PYRIDINIUM, 4-(2-(1-METHYL-3-INDOLYL)ETHYL)-1-(3-(TRIMETHYLAMMONIO)PROPYL)-, DICHLORIDE
UPDT:8401 MW: 408.46 MOLFM: C22-H31-N3 2Cl
SYN: DICHLORURE de TRIMETHYLAMMONIUM-1 (beta-N-METHYLINDOYL-3'') ETHYL-4' PYRIDINIUM)-3 PROPANE * 4-(2-(1-METHYL-3-INDOLYL)ETHYL)-1-(3-(TRIMETHYLAMMONIO)PROPYL)PYRIDINIUM DICHLORIDE
TOXICITY DATA AND REFERENCES:
3F07J25J30 orl-rat LD50:200 mg/kg APFRAD 22,523,64
3F07J25J30 ipr-rat LD50:25 mg/kg APFRAD 22,523,64
3F07J25J30 scu-rat LD50:140 mg/kg APFRAD 22,523,64
3F07J25J30 orl-mus LD50:475 mg/kg APFRAD 22,523,64
3F07J25J30 ipr-mus LD50:40 mg/kg APFRAD 22,523,64
3F07J25J30 ivn-mus LD50:12 mg/kg APFRAD 22,523,64
3F07J25J30 ipr-rbt LD50:90 mg/kg APFRAD 22,523,64
3F07J25J30 rec-rbt LD50:150 mg/kg APFRAD 22,523,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU6480300 PYRIDINIUM, 1-METHYL-3-((2-OXOCYCLOHEXYLIDENE)METHYL)-, IODIDE
UPDT:8311 CAS: 13640-48-7 MW: 329.20 MOLFM: C13-H16-N-O I
SYN: 1-METHYL-3-((2-OXOCYCLOHEXYLIDENE)METHYL)PYRIDINIUM IODIDE
TOXICITY DATA AND REFERENCES:
1F13 ipr-mus LD50:147 mg/kg JPMSAE 56,644,67

UU6480400 PYRIDINIUM, 1-METHYL-4-((2-OXOCYCLOHEXYLIDENE)METHYL)-, IODIDE
UPDT:8311 CAS: 13640-49-8 MW: 329.20 MOLFM: C13-H16-N-O I
SYN: 1-METHYL-4-((2-OXOCYCLOHEXYLIDENE)METHYL)PYRIDINIUM IODIDE
TOXICITY DATA AND REFERENCES:
1F13 ipr-mus LD50:147 mg/kg JPMSAE 56,644,67

UU6482000 PYRIDINIUM, 1-METHYL-4-((2-OXOCYCLOHEXYL)METHYL)-, IODIDE
UPDT:8311 CAS: 13642-29-0 MW: 331.22 MOLFM: C13-H18-N-O I
SYN: 1-METHYL-4-((2-OXOCYCLOHEXYL)METHYL)PYRIDINIUM IODIDE
TOXICITY DATA AND REFERENCES:
1F18 ipr-mus LD50:147 mg/kg JPMSAE 56,644,57

UU6485000 PYRIDINIUM, 1-METHYL-4-((2-OXOCYCLOPENTYL)METHYL)-, IODIDE
UPDT:8311 CAS: 13640-54-5 MW: 317.19 MOLFM: C12-H16-N-O I
SYN: 1-METHYL-4-((2-OXOCYCLOPENTYL)METHYL)PYRIDINIUM IODIDE
TOXICITY DATA AND REFERENCES:
2F13F18 ipr-mus LD50:147 mg/kg JPMSAE 56,644,57

PYRIDINIUM, 1,1'-(OXYBIS(METHYLENE))BIS(4-(1,1-DIMETHYLETHYL)-, DICHLORIDE (9CI) see: UU6815000

---

* TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

PYRIDINIUM, 1,1'-(OXYBIS(METHYLENE))BIS(4-((HYDROXYIMINO)METHYL)-, DICHLORIDE (9CI) see: UU6825000

UU6813500 PYRIDINIUM, 1,1'-(OXYDIMETHYLENE)BIS(3-tert-BUTYL-, DICHLORIDE
UPDT:8405 CAS: 51276-96-1 MW: 385.42 MOLFM: C20-H30-N2-O .2Cl
SYN: 1,1'-(OXYDIMETHYLENE)BIS(3-tert-BUTYLPYRIDINIUM CHLORIDE) * SAD 128a
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:123 mg/kg ATXKA8 26,293,70

UU6815000 PYRIDINIUM, 1,1'-OXYDIMETHYLENEBIS(4-tert-BUTYL-, DICHLORIDE
UPDT:8405 CAS: 40225-02-3 MW: 385.42 MOLFM: C20-H30-N2-O .2Cl
SYN: BIS-(4-t-BUTYLPYRIDINE)-1-METHYLETHER DICHLORIDE * 1,1'-OXYDIMETHYLENE BIS(4-tert-BUTYLPYRIDINIUM CHLORIDE) * PYRIDINIUM, 1,1'-(OXYBIS(METHYLENE))BIS(4-(1,1-DIMETHYLETHYL)-, DICHLORIDE (9CI) * SAD-128
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:49100 ug/kg FAATDF 1,193,81
* ims-mus LD50:106 mg/kg ATXKA8 26,293,70
ivn-rbt LD50:12 mg/kg BCPCA6 27,757,78

UU6816000 PYRIDINIUM, 1,1'-(OXYDIMETHYLENE)BIS(3-CARBAMOYL-, DICHLORIDE
UPDT:8405 CAS: 34329-69-6 MW: 359.24 MOLFM: C14-H16-N4-O3 .2Cl
SYN: HS 8 * 1,1'-(OXYDIMETHYLENE)BIS(3-CARBAMOYLPYRIDINIUM CHLORIDE)
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:837 mg/kg ATXKA8 26,293,70

UU6817000 PYRIDINIUM, 1,1'-(OXYDIMETHYLENE)BIS(3-(DIMETHYLAMINO)-, DICHLORIDE
UPDT:8405 CAS: 51276-95-0 MW: 359.34 MOLFM: C16-H24-N4-O .2Cl
SYN: 1,1'-(OXYDIMETHYLENE)BIS(3-(DIMETHYLAMINO)PYRIDINIUM CHLORIDE) * SAD 126a
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:21 mg/kg ATXKA8 26,293,70

UU6818000 PYRIDINIUM, 1,1'-(OXYDIMETHYLENE)BIS(4-(DIMETHYLAMINO)-, DICHLORIDE
UPDT:8405 CAS: 51276-94-9 MW: 359.34 MOLFM: C16-H24-N4-O .2Cl
SYN: 1,1'-(OXYDIMETHYLENE)BIS(4-(DIMETHYLAMINO)PYRIDINIUM CHLORIDE) * SAD 126
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:97 mg/kg ATXKA8 26,293,70

UU6825000 PYRIDINIUM, 1,1'-(OXYDIMETHYLENE)BIS(4-FORMYL-, DICHLORIDE, DIOXIME
UPDT:8403 CAS: 114-90-9 MW: 359.24 MOLFM: C14-H16-N4-O3 .Cl2
SYN: BH 6 * 1,3-BIS(4-ALDOXIMINOPYRIDINIUM) DIMETHYL ETHER BICHLORIDE * BIS(4-HYDROXYIMINOMETHYLPYRIDINIUM-1-METHYL)ETHER DICHLORIDE * 1,3-BIS(4-HYDROXYIMINOMETHYL-1-PYRIDINIO)-2-OXAPROPANE DICHLORIDE * BIS(ISONICOTINALDOXIME 1-METHYL) ETHER DICHLORIDE * BU-6 * N,N-DIMETHYLENEOXIDEBIS(PYRIDINIUM-4-ALDOXIME) DICHLORIDE * ETHER Bis-14-HYDROXY-IMINOMETHYLOPYRIDINE-(1)-METYLODICHLORIDE (Polish) * LUEH 6 * LUH6 * LUH(sub 6) * LUH(sub 6)-Cl2 * LUH(sup 6)-Cl(sup 2) * LUH6-CHLORIDE * OBIDOXIME CHLORIDE * OBIDOXIME DICHLORIDE * OBIDOXIME HYDROCHLORIDE * 1,1'-(OXYBIS(METHYLENE))BIS(4-(HYDROXYIMINO)METHYL)PYRIDINIUM DICHLORIDE * 1,1'-(OXYDIMETHYLENE)BIS(4-FORMYLPYRIDINIUM)DICHLORIDE DIOXIME * 1,1'-(OXYDIMETHYLENE)BIS(4-FORMYLPYRIDINIUM) DIOXIME DICHLORIDE * PYRIDINIUM, 1,1'-(OXYBIS(METHYLENE))BIS(4-((HYDROXYIMINO)METHYL)-, DICHLORIDE (9CI) * TOKSOBIDIN * TOXOBIDIN * TOXOGONIN * TOXOGONINE * TOXOGONIN DICHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:189 mg/kg RPTOAN 38,168,75
2F18Y23 ivn-rat LD50:133 mg/kg ARZNAD 14,5,64
ims-rat LD50:205 mg/kg RPTOAN 38,165,75
orl-mus LD50:2240 mg/kg 28ZEAL 5,168,76
ipr-mus LD50:136 mg/kg RPTOAN 38,168,75
scu-mus LD50:183 mg/kg RPTOAN 38,168,75
ivn-mus LD50:70 mg/kg ARZNAD 14,870,64
ims-mus LD50:172 mg/kg ARZNAD 14,870,64
unk-mus LD50:146 mg/kg ARZNAD 28,2055,78
ivn-cat LD50:100 mg/kg ARZNAD 14,5,64
ims-cat LD50:135 mg/kg RPTOAN 38,168,75
ivn-rbt LD50:100 mg/kg ARZNAD 14,5,64
ims-gpg LD50:79 mg/kg TXAPA9 16,40,70

UU6855100 PYRIDINIUM, 1,1'-(OXYDIMETHYLENE)BIS(3-IODO-, DICHLORIDE
UPDT:8405 CAS: 51276-92-7 MW: 524.96 MOLFM: C12-H12-I2-N2-O .2Cl
SYN: 1,1'-(OXYDIMETHYLENE)BIS(3-IODOPYRIDINIUM CHLORIDE) * SAD 116a
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:81 mg/kg ATXKA8 26,293,70

UU6855200 PYRIDINIUM, 1,1'-(OXYDIMETHYLENE)BIS(3-(METHYLSULFONYL)-, DICHLORIDE
UPDT:8405 CAS: 51370-16-2 MW: [illegible]79.36 MOLFM: C14-H18-N2-O5-S2 .2Cl
SYN: 1,1'-(OXYDIMETHYLENE)BIS(3-(METHYLSULFONYL)PYRIDINIUM CHLORIDE) * SAD 108a
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:681 mg/kg ATXKA8 26,293,70

UU6855250 PYRIDINIUM, 1,1'-(OXYDIMETHYLENE)BIS(4-(METHYLTHIO)-, DICHLORIDE
UPDT:8405 CAS: 51276-93-8 MW: 365.36 MOLFM: C14-H18-N2-O-S2 .2Cl
SYN: 1,1'-(OXYDIMETHYLENE)BIS(4-(METHYLTHIO)PYRIDINIUM CHLORIDE) * SAD 122
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:98 mg/kg ATXKA8 26,293,70

UU6855500 PYRIDINIUM 1,1'-(OXYDIMETHYLENE)DI-, DICHLORIDE
UPDT:8401 MW: 273.18 MOLFM: C12-H14-N2-O .2Cl
SYN: 1,1'-(OXYBIS(METHYLENE))BISPYRIDINIUM DICHLORIDE * 1,1'-(OXYDIMETHYLENE)DIPYRIDINIUM DICHLORIDE * T-4925
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:178 mg/kg TXAPA9 64,140,82

UU6855600 PYRIDINIUM, 1-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-PENTADECAFLUOROOCTYL)- TRIFLUOROMETHANESULFONATE
UPDT:8311 MW: 611.28 MOLFM: C13-H7-F15-N .C-F3-O3-S
SYN: N-(1,1-DIHYDROPERFLUOROOCTYL)PYRIDINIUM TRIFLUOROMETHANESULFONATE * MBR 3092-42 * 1-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-PENTADECAFLUOROOCTYL)PYRIDINIUM TRIFLUOROMETHANESULFONATE
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg JPMSAE 59,188,70
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1159 mg/kg JPMSAE 59,188,70
* ipr-rat LD50:18 mg/kg JPMSAE 59,188,70
* orl-mus LD50:925 mg/kg JPMSAE 59,188,70
* ipr-mus LD50:30 mg/kg JPMSAE 59,188,70

UU6855700 PYRIDINIUM, 1,1'-PENTAMETHYLENEBIS(3-CARBAMOYL-, DIBROMIDE
UPDT:8305 CAS: 19293-86-8 MW: 474.25 MOLFM: C17-H22-N4-O2 .2Br
SYN: G.L. 205 * 1,1'-PENTAMETHYLENEBIS(3-CARBAMOYLPYRIDINIUM BROMIDE) * P.M. 474
TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD50:180 mg/kg AIPTAK 90,271,52

UU6855800 PYRIDINIUM, 1,1'-PENTAMETHYLENEBIS-, DIBROMIDE
UPDT:8305 MW: 388.19 MOLFM: C15-H20-N2 .2Br
SYN: G.L. 105 * 1,1'-PENTAMETHYLENEBIS(PYRIDINIUM BROMIDE) * P.M. 388
TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD50:32 mg/kg AIPTAK 90,271,52

UU6857700 PYRIDINIUM, 1,1'-(p-PHENYLENEDIMETHYLENE)BIS(4-BENZYL-, DIBROMIDE
UPDT:8303 MW: 602.46 MOLFM: C32-H30-N2 .2Br
SYN: 1,1'-(p-PHENYLENEDIMETHYLENE)BIS(4-BENZYLPYRIDINIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:35 mg/kg AIPTAK 114,217,58

UU6857800 PYRIDINIUM, 1,1'-(p-PHENYLENEDIMETHYLENE)BIS-, DIBROMIDE
UPDT:8303 MW: 422.20 MOLFM: C18-H18-N2 .2Br
SYN: 1,1'-(p-PHENYLENEDIMETHYLENE)BIS(PYRIDINIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:30 mg/kg AIPTAK 114,217,58

UU6857900 PYRIDINIUM, 1,1'-(p-PHENYLENEDIMETHYLENE)BIS(2,3-DIMETHYL-, DIBROMIDE
UPDT:8303 MW: 478.32 MOLFM: C22-H26-N2 .2Br
SYN: 1,1'-(p-PHENYLENEDIMETHYLENE)BIS(2,3-DIMETHYLPYRIDINIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:7 mg/kg AIPTAK 114,217,58

UU6857930 PYRIDINIUM, 1,1'-(p-PHENYLENEDIMETHYLENE)BIS(2,4-DIMETHYL-, DIBROMIDE
UPDT:8303 MW: 478.32 MOLFM: C22-H26-N2 .2Br
SYN: 1,1'-(p-PHENYLENEDIMETHYLENE)BIS(2,4-DIMETHYLPYRIDINIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:8 mg/kg AIPTAK 114,217,58

UU6858900 PYRIDINIUM, 1,1'-(p-PHENYLENEDIMETHYLENE)BIS(4-(3-HYDROXYPROPYL)-, DIBROMIDE
UPDT:8303 MW: 538.38 MOLFM: C24-H30-N2-O2 .2Br
SYN: 1,1'-(p-PHENYLENEDIMETHYLENE)BIS(4-(3-HYDROXYPROPYL)PYRIDINIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:100 mg/kg AIPTAK 114,217,58

UU6858930 PYRIDINIUM, 1,1'-(p-PHENYLENEDIMETHYLENE)BIS(4-PENTYL-, DIBROMIDE
UPDT:8303 MW: 562.50 MOLFM: C28-H38-N2 .2Br
SYN: 1,1'-(p-PHENYLENEDIMETHYLENE)BIS(4-PENTYLPYRIDINIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:50 mg/kg AIPTAK 114,217,58

UU6858960 PYRIDINIUM, 1,1'-(p-PHENYLENEDIMETHYLENE)BIS(2,4,6-TRIMETHYL-, DIBROMIDE
UPDT:8303 MW: 506.38 MOLFM: C24-H30-N2 .2Br
SYN: 1,1'-(p-PHENYLENEDIMETHYLENE)BIS(2,4,6-TRIMETHYLPYRIDINIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:8 mg/kg AIPTAK 114,217,58

PYRIDINIUM, 1,1'-(1,3-PROPANEDIYL)BIS(4-(HYDROXYIMINO)METHYL- (9CI) see: UU7700500

PYRIDINIUM, 1,1'-(1,3-PROPANEDIYL)BIS(4-(HYDROXYIMINO)METHYL-, DIBROMIDE see: UU7525000

PYRIDINIUM, 1,1'-(1,3-PROPANEDIYL)BIS((4-HYDROXYIMINO)METHYL)-, DICHLORIDE see: UU7700000

UU6925770 PYRIDINIUM, 4,4'-(TEREPHTHALOYLBIS(IMINO-p-PHENYLENE))BIS(1-ETHYL-, DI-p-TOLUENESULFONATE
UPDT:8407 MW: 871.10 MOLFM: C34-H32-N4-O2 .2C7-H7-O3-S
SYN: 4,4'-(TEREPHTHALOYLBIS(IMINO-p-PHENYLENE))BIS(1-ETHYLPYRIDINIUM) DI-p-TOLUENESULFONATE
MUTATION DATA AND REFERENCES:
dnd-mus:lym 550 nmol/L JMCMAR 22,134,79
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:14 mg/kg JMCMAR 22,134,79

UU6926120 PYRIDINIUM, 4,4'-(TEREPHTHALOYLBIS(IMINO-p-PHENYLENE))BIS(1-METHYL-, DI-p-TOLUENESULFONATE
UPDT:8407 MW: 843.04 MOLFM: C32-H28-N4-O2 .2C7-H7-O3-S
SYN: 4,4'-(TEREPHTHALOYLBIS(IMINO-p-PHENYLENE))BIS(1-METHYLPYRIDINIUM)DI-p-TOLUENESULFONATE
MUTATION DATA AND REFERENCES:
dnd-mus:lym 550 nmol/L JMCMAR 22,134,79
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:110 mg/kg JMCMAR 22,134,79

UU6926170 PYRIDINIUM, 2,2'-(TEREPHTHALOYLBIS(IMINO-p-PHENYLENEIMINO))BIS(1-ETHYL-, DIIODIDE
UPDT:8407 MW: 812.54 MOLFM: C34-H34-N6-O2 .2I
SYN: 2,2'-(TEREPHTHALOYLBIS(IMINO-p-PHENYLENEIMINO))BIS(1-ETHYLPYRIDIVM) DIIODIDE
MUTATION DATA AND REFERENCES:
dnd-mus:lym 5600 nmol/L JMCMAR 22,134,79
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:16 mg/kg JMCMAR 22,134,79

UU6928000 PYRIDINIUM, 1,2,3,6-TETRAHYDRO-1-alpha-CARBOXYBENZYL-1-METHYL-, IODIDE, ESTER with DIETHYL (2-(2-HYDROXYETHOXY)ETHYL)METHYLAMMONIUM IODIDE
UPDT:8303 MW: 644.43 MOLFM: C23-H38-N2-O3 .2I
TOXICITY DATA AND REFERENCES:
2C08J30 ivn-mus LD50:3450 ug/kg AIPTAK 125,121,60

UU6953000 PYRIDINIUM, 1,1'-TETRAMETHYLENEBIS(3-CARBAMOYL-, DIBROMIDE
UPDT:8305 CAS: 19293-85-7 MW: 460.22 MOLFM: C16-H20-N4-O2 .2Br
SYN: G.L. 204 * P.M. 460 * 1,1'-TETRAMETHYLENEBIS(3-CARBAMOYLPYRIDINIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD50:260 mg/kg AIPTAK 90,271,52

UU6954000 PYRIDINIUM, 1,1'-TETRAMETHYLENEBIS-, DIBROMIDE
UPDT:8305 CAS: 14208-08-3 MW: 374.16 MOLFM: C14-H18-N2 .2Br
SYN: G.L. 104 * P.M. 374 * 1,1'-TETRAMETHYLENEBIS(PYRIDINIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD50:55 mg/kg AIPTAK 90,271,52

UU7430000 PYRIDINIUM, 1,1'-TRIMETHYLENEBIS(3-CARBAMOYL-, DIBROMIDE, HYDRATE
UPDT:8305 CAS: 19293-84-6 MW: 464.21 MOLFM: C15-H18-N4-O2 .2Br .H2-O
SYN: G.L. 203 * P.M. 464 * 1,1'-TRIMETHYLENEBIS(3-CARBAMOYLPYRIDINIUM BROMIDE) HYDRATE
TOXICITY DATA AND REFERENCES:
1J30 ivn-mus LD50:250 mg/kg AIPTAK 90,271,52

UU7450000 PYRIDINIUM, 1,1'-TRIMETHYLENEBIS-, DIBROMIDE
UPDT:8305 CAS: 14208-07-2 MW: 360.13 MOLFM: C13-H16-N2 .2Br
SYN: 1,3-BIS(PYRIDINYL)-PROPANE * G.L. 103 * P.M. 360 * 1,1'-TRIMETHYLENEBIS(PYRIDINIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
scu-mus LD50:510 mg/kg RPTOAN 35,243,72
1J30 ivn-mus LD50:180 mg/kg AIPTAK 90,271,52

UU7525000 PYRIDINIUM, 1,1'-TRIMETHYLENEBIS(4-FORMYL-, DIBROMIDE, DIOXIME
UPDT:8405 CAS: 56-97-3 MW: 446.19 MOLFM: C15-H18-N4-O2 .2Br
SYN: 1,3-BIS(4-FORMYLPYRIDINIUM)-PROPANE BISOXIDE DIBROMIDE * DIPYROXIME * 1,3-PROPAN-BIS(4-HYDROXYIMINOMETHYL-PYRIDINIUM-(1))-DIBROMIDS (German) * PYRIDINIUM, 1,1'-(1,3-PROPANEDIYL)BIS(4-(HYDROXYIMINO)METHYL-, DIBROMIDE * TRIMEDOXIME BROMIDE * TMB-4 * TMB-4 DIBROMIDE * TMV-4 * 1,1'-TRIMETHYLENEBIS(4-FORMYLPYRIDINIUM BROMIDE) DIOXIME
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:192 mg/kg RPTOAN 38,168,75
* ims-rat LD50:140 mg/kg NTIS** AD-A099-745
ipr-mus LD50:53500 ug/kg RPTOAN 38,168,75
scu-mus LD50:83 mg/kg RPTOAN 35,243,72
ivn-mus LD50:45 mg/kg ARZNAD 14,870,64
2F18Y23 ims-mus LD50:102 mg/kg ARZNAD 14,5,64
ims-cat LD50:117 mg/kg RPTOAN 38,168,75
* ivn-rbt LD50:44 mg/kg AEHLAU 5,21,62
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JPMSAE 53,1143,64

UU7600000 PYRIDINIUM, 1,1'-TRIMETHYLENEBIS(4-FORMYL-, DIBROMIDE, DIOXIME, MONOHYDRATE
UPDT:8412 MW: 464.21 MOLFM: C15-H18-N4-O2 .Br2 .H2-O

TOXICITY DATA AND REFERENCES:
3F11F13F19 ims-mus LD50:100 mg/kg NTIS** AD-A133-148

UU7700000 PYRIDINIUM, 1,1'-TRIMETHYLENEBIS(4-FORMYL-, DICHLORIDE, DIOXIME
UPDT-8406 CAS: 3613-82-9 MW: 357.27 MOLFM: C15-H18-N4-O2 .2Cl
SYN: 1,3-BIS(4-HYDROXYIMINOMETHYL-1-PYRIDINIO)PROPANE DICHLORIDE * 1,3-BIS(4-FORMYLPYRIDINIUM) PROPANE BISOXIME DICHLORIDE * PYRIDINIUM, 1,1'-(1,3-PROPANEDIYL)BIS(4-HYDROXYIMINO)METHYL)-, DICHLORIDE * TMB-4 DICHLORIDE * TRIMEDOXIME DICHLORIDE * 1,1'-TRIMETHYLENEBIS(4-FORMYLPYRIDINIUM CHLORIDE) DIOXIME * 1,1'-TRIMETHYLENEBIS(4-FORMYLPYRIDINIUM) DIOXIME DICHLORIDE * 1,1'-TRIMETHYLENEBIS(4-(HYDROXYIMINOMETHYL)PYRIDINIUM CHLORIDE) * N,N-TRIMETHYLENE BIS(PYRIDINIUM-4-ALDOXIME)DICHLORIDE

TOXICITY DATA AND REFERENCES:
1H02 orl-hmn TDLo:45 mg/kg AEHLAU 15,599,67
2F07F08 orl-hmn TDLo:42 gm/6W-I AEHLAU 15,599,67
1H02 ivn-hmn TDLo:30 mg/kg AEHLAU 15,599,67
ipr-mus LD50:88 mg/kg TXAPA9 16,194,70
* ivn-mus LD50:56 mg/kg CSLNX* NX#00647
ivn-rbt LD50:44 mg/kg JPETAB 132,50,61

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JPMSAE 53,1143,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU7700500 PYRIDINIUM, 1,1'-TRIMETHYLENEBIS(4-FORMYL-, DIOXIME
UPDT-8406 CAS: 6736-02-3 MW: 286.37 MOLFM: C15-H18-N4-O2
SYN: DIPYROXIM * DIPYROXIME * PYRIDINIUM, 1,1'-(1,3-PROPANEDIYL)BIS(4-(HYDROXYIMINO)METHYL-(9CI)

TOXICITY DATA AND REFERENCES:
2C08J25 ipr-mus LD50:77 mg/kg KHFZAN 11(3),70,77
1Y23 ims-rbt LD50:150 mg/kg BEXBAN 83,32,77

2-PYRIDINOL see: UV1144050
PYRIDINOL CARBAMATE see: FC7530000
2-PYRIDINOL, 3,5-DICHLORO- see: UV1146300

UU7711500 4-PYRIDINOL, 3,5-DICHLORO-2,6-DIMETHYL-
UPDT-8411 CAS: 2971-90-6 MW: 192.05 MOLFM: C7-H7-Cl2-N-O
SYN: CLOPIDOL * COCCIDIOSTAT C * COYDEN * COYDEN 25 * LERBEK * METHYLCHLOROPINDOL * METHYLCHLORPINDOL * METICLORPINDOL

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:18 gm/kg MEIEDD 10,341,83

REVIEW AND REFERENCES:
★ TLV-TWA 10 mg/m3; STEL 20 mg/m3 DTLVS* 4,101,80

UU7718000 2-PYRIDINOL, 3-NITRO-
UPDT-8310 MW: 126.10 MOLFM: C5-H4-N-O3
SYN: 2-HYDROXY-3-NITROPYRIDINE * 3-NITRO-2-PYRIDINOL * PYRIDINE, 2-HYDROXY-3-NITRO

MUTATION DATA AND REFERENCES:
mma-sat 10 umol/plate MUREAV 58,11,78

PYRIDINOL NITROSOCARBAMATE see: FC6627000

UU7780000 4-PYRIDINOL, 2,3,5-TRICHLORO-
UPDT-8309 CAS: 1970-40-7 MW: 198.43 MOLFM: C5-H2-Cl3-N-O
SYN: DAXTRON * PYRICLOR * 2,3,5-TRICHLORO-4-HYDROXYPYRIDINE * 2,3,5-TRICHLORO-4-PYRIDINOL

TOXICITY DATA AND REFERENCES:
orl-rat LD50:80 mg/kg WRPCA2 9,119,70
unk-rat LD50:80 mg/kg 30ZDA9 -,404,71
orl-gpg LD50:130 mg/kg 31ZOAD 1,363,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-PYRIDINOL, 3,5,6-TRICHLORO-, O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE see: TF6300000
2-PYRIDINONE see: UV1144050
2(1H)-PYRIDINONE (9CI) see: UV1144050

UU7785500 2(1H)-PYRIDINONE, 6-CYCLOHEXYL-1-HYDROXY-4-METHYL-, compd. with 2-AMINOETHANOL (1:1)
UPDT-8406 CAS: 41621-49-2 MW: 268.40 MOLFM: C12-H17-N-O2 .C2-H7-N-O
SYN: 2-AMINOETHANOL compd. with 6-CYCLOHEXYL-1-HYDROXY-4-METHYL-2(1H)-PYRIDINONE (1:1) * BATRAFEN * CIC * CICLOPIROX ETHANOLAMINE SALT (1:1) * CICLOPIROXOLAMIN * CICLOPIROXOLAMINE * 6-CYCLOHEXYL-1-HYDROXY-4-METHYL-2(1H)-PYRIDINONE compd. with 2-AMINOETHANOL (1:1) * 6-CYCLOHEXYL-1-HYDROXY-4-METHYL-2(1H)-PYRIDON, 2-AMINOETHANOL-SALZ (German) * 6-CYCLOHEXYL-1-HYDROXY-4-METHYL-2(1H)-PYRIDONE, 2-AMINOETHANOL SALT * 6-CYCLOHEXYL-1-HYDROXY-4-METHYL-2(1H)-PYRIDONE ETHANOLAMINE SALT * HOE 296 * LOPROX * TERIT

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-rat TDLo:8400 mg/kg (28D pre) OYYAA2 9,67,75

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2350 mg/kg IYKEDH 8,107,77
3F17J22U26 ipr-rat LD50:146 mg/kg OYYAA2 9,57,75
* scu-rat LD50:12500 mg/kg IYKEDH 8,107,77
* ivn-rat LD50:72 mg/kg IYKEDH 8,107,77
* orl-mus LD50:1740 mg/kg IYKEDH 8,107,77
3F17J22U26 ipr-mus LD50:83 mg/kg OYYAA2 9,57,75
* scu-mus LD50:1730 mg/kg IYKEDH 8,107,77
3F17J22U26 ivn-mus LD50:71 mg/kg OYYAA2 9,57,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU7785700 2(1H)-PYRIDINONE, 5-((2,4-DIAMINO-5-PYRIMIDINYL)METHYL)-3-METHOXY-
UPDT-8311 CAS: 65873-76-9 MW: 247.29 MOLFM: C11-H13-N5-O2
SYN: 5-((2,4-DIAMINO-5-PYRIMIDINYL)METHYL)-3-METHOXY-2(1H)-PYRIDINONE * 5-((2,4-DIAMINO-5-PYRIMIDINYL)METHYL)-3-METHOXY-2(1H)-PYRIDON (German)

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5000 mg/kg EJMCA5 12,531,77

2(1H)-PYRIDINONE, 3,5-DICHLORO- see: UV1146300
4(1H)-PYRIDINONE, 3,5-DIIODO- see: UV1146600
2(1H)-PYRIDINONE, 4-HYDROXY-1-beta-D-RIBOFURANOSYL- (9CI) see: UV1148000
2(1H)-PYRIDINONE, 1-METHYL- (9CI) see: UV1150000
2(1H)-PYRIDINONE, 1-(2-(4-(2-METHYLPHENYL)-1-PIPERAZINYL)ETHYL)-, MONOHYDROCKLORIDE see: UV1150650
p-(2-PYRIDINYLAMINO)HYDRATROPIC ACID see: MU6642500
N-4-PYRIDINYL-2H-1-BENZOPYRAN-3-CARBOXAMIDE see: DJ2260400 2H-1-BENZOPYRAN-3-CARBOXAMIDE, N4-PYRIDINYL-
3-PYRIDINYLCARBONIMIDODITHIOIC ACID BUTYL (4-(1,1-DIMETHYLETHYL)PHENYL)METHYL ESTER see: FG3414500
2-((3-PYRIDINYLCARBONYL)AMINO)BENZOIC ACID see: CB3590000
2-((3-PYRIDINYLCARBONYL)AMINO)BENZOIC ACID METHYL ESTER MONOHYDROCHLORIDE see: DH6577000
2-((4-PYRIDINYLCARBONYL)AMINO)BENZOIC ACID METHYL ESTER MONOHYDROCHLORIDE see: DH6577010
3-((3-PYRIDINYLCARBONYL)AMINO)BENZOIC ACID METHYL ESTER N-OXIDE see: DH6577100
3-((4-PYRIDINYLCARBONYL)AMINO)BENZOIC ACID METHYL ESTER N-OXIDE see: DH6577110
3-((3-PYRIDINYLCARBONYL)AMINO)BENZOIC ACID N-OXIDE see: DH6577300
3-((4-PYRIDINYLCARBONYL)AMINO)BENZOIC ACID N-OXIDE see: DH6577310
4-((3-PYRIDINYLCARBONYL)AMINO)BENZOIC ACID N-OXIDE see: DH6577320
1-PYRIDINYLETHANONE see: OB5310000
4,4'-(2-PYRIDINYLMETHYLENE)BISPHENOL BIS(HYDROGEN SULFATE (ester) DISODIUM SALT see: SM8720000
3-(3-PYRIDINYLMETHYL)-1H-INDOLE see: NM1700000 1H-INDOLE, 3-(3-PYRIDINYLMETHYL)-
PYRIDIPCA see: UV1350000
PYRIDIUM see: US7700000
PYRIDIUM see: US7875000
PYRIDIVITE see: US7875000

UU7875850 5H-PYRIDO(3,2-b)AZEPINE-5-CARBOXYLIC ACID, 6,7,8,9-TETRAHYDRO-, 3-(DIMETHYLAMINO)PROPYL ESTER, MONOHYDROCHLORIDE
UPDT-8406 MW: 299.86 MOLFM: C15-H23-N2-O2 .Cl-H

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg APFRAD 41,465,83

UU7875900 5H-PYRIDO(3,2-b)AZEPINE, 6,7,8,9-TETRAHYDRO-5-(BROMOACETYL)-, HYDROBROMIDE
UPDT-8406 MW: 350.09 MOLFM: C11-H13-Br-N2-O .Br-H
SYN: BROMOACETYL-1 TETRAHYDRO-2,3,4,5 1H-PYRIDO(3,2-b)AZEPINE HBr (French) * 1-(BROMOACETYL)-2,3,4,5-TETRAHYDRO-1H-PYRIDO(3,2-b)AZEPINE HYDROBROMIDE * 2,3,4,5-TETRAHYDRO-1-(BROMOACETYL)-1H-PYRIDO(3,2-b)AZEPINE HYDROBROMIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:56 mg/kg APFRAD 39,161,81

UU7876100 5H-PYRIDO(3,2-b)AZEPINE, 6,7,8,9-TETRAHYDRO-5-(3-(DIMETHYLAMINO)PROPYL)-, MONOHYDROCHLORIDE
UPDT-8406 MW: 269.86 MOLFM: C14-H23-N3 .Cl-H
SYN: CHLORHYDRATE de (gamma-DIMETHYLAMINOPROPYL)-1 TETRAHYDRO-2,3,4,5 1H-PYRIDO(3,2-b)AZEPINE * (gamma-DIMETHYLAMINOPROPYL)-1 TETRAHYDRO-2,3,4,5 1H-PYRIDO(3,2-b)AZEPINE HCl (French) * 5-(3-(DIMETHYLAMINO)PROPYL)-6,7,8,9-TETRAHYDRO-5H-PYRIDO(3,2-b)AZEPINE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg APFRAD 41,465,83

UU7876200 5H-PYRIDO(3,2-b)AZEPIN-6(7H)-ONE, 8,9-DIHYDRO-5-(2-(DIETHYLAMINO)ETHYL)-, FUMARATE
UPDT-8406 MW: 377.49 MOLFM: C15-H23-N3-O .C4-H4-O4
SYN: 5-(2-(DIETHYLAMINO)ETHYL)-8,9-DIHYDRO-5H-PYRIDO(3,2-b)AZEPIN-6(7H)-ONE FUMARATE * FUMARATE de (beta-DIETHYLAMINOETHYL)-1 TETRAHYDRO-2,3,4,5 1H-PYRIDO(3,2-b)AZPINONE-2 (French)

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg APFRAD 41,465,83

UU7876300 9H-PYRIDO(2,3-b)AZEPIN-8(7H)-ONE, 5,6-DIHYDRO-9-(3-(DIMETHYLAMINO)PROPYL)-, FUMARATE
UPDT-8406 MW: 363.46 MOLFM: C14-H21-N3-O .C4-H4-O4
SYN: 9-(3-(DIMETHYLAMINO)PROPYL)-5,6-DIHYDRO-9H-PYRIDO(2,3-b)AZEPIN-8(7H)-ONE FUMARATE * FUMARATE de (gamma-DIMETHYLAMINOPROPYL)-1 TETRAHYDRO-2,3,4,5 1H-PYRIDO(2,3-b)AZEPINONE-2

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg APFRAD 41,465,83

UU7876400 5H-PYRIDO(2,3-b)(1)BENZAZEPINE, 11-(3-(DIMETHYLAMINO)PROPYL)-6,11-DIHYDRO-, MONOHYDROCHLORIDE
UPDT-8406 CAS: 17754-40-4 MW: 317.90 MOLFM: C18-H23-N3 .Cl-H
SYN: 5-(DIMETHYLAMINOPROPYL)-10,11-DIHYDRO-5H-BENZO(2,3)PYRIDO(6,7-b)AZEPINE HYDROCHLORIDE * 11-(3-(DIMETHYLAMINO)PROPYL)-6,11-DIHYDRO-5H-PYRIDO(2,3-b)(1)BENZAZEPINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F11F12F17 orl-mus LDLo:100 mg/kg JMCMAR 11,894,68

UU7882500 6H-PYRIDO(2,3-b)(1,4)BENZODIAZEPIN-6-ONE, 5,11-DIHYDRO-11-((1-IMIDAZOLYL)ACETYL)-, 1-OXIDE
UPDT-8310 MW: 335.35 MOLFM: C17-H13-N5-O3
SYN: 11-((1-IMIDAZOLYL)ACETYL)-5,11-DIHYDRO-6H-PYRIDO(2,3-b)(1,4)BENZODIAZEPIN-6-ONE 1-OXIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:775 mg/kg FRPSAX 37,787,82

UU7883000 6H-PYRIDO(2,3-b)(1,4)BENZODIAZEPIN-6-ONE, 5,11-DIHYDRO-11-((4-METHYL-1-PIPERAZINYL)ACETYL)-, DIHYDROCHLORIDE
UPDT-8411 CAS: 29868-97-1 MW: 424.37 MOLFM: C19-H21-N5-O2 .2Cl-H
SYN: GASTROZEPIN * LS 519 * LS 519 DIHYDROCHLORIDE * PIRENZEPINE HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T27T34 orl-rbt TDLo:1125 mg/kg (8-16D preg) OYYAA2 9,377,75

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5000 mg/kg NIIRDN 6,645,82
* ipr-rat LD50:570 mg/kg NIIRDN 6,645,82
* ivn-rat LD50:164 mg/kg NIIRDN 6,645,82
* orl-mus LD50:2600 mg/kg NIIRDN 6,645,82
* ipr-mus LD50:407 mg/kg NIIRDN 6,645,82
* ivn-mus LD50:108 mg/kg NIIRDN 6,645,82
* orl-rbt LD50:3000 mg/kg OYYAA2 9,377,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU7883500 6H-PYRIDO(2,3-b)(1,4)BENZODIAZEPIN-6-ONE, 5,11-DIHYDRO-11-((4-METHYL-1-PIPERAZINYL)ACETYL)-, DIHYDROCHLORIDE, HYDRATE
UPDT-8307 MW: 442.39 MOLFM: C19-H21-N5-O2 .2Cl-H .H2-O
SYN: GASTROZEPIN HYDRATE * LS 519 Cl2 HYDRATE * PIRENZEPINE HYDROCHLORIDE HYDRATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T76T81 orl-rat TDLo:6750 mg/kg (17-22D preg/21D post) IYKEDH 11,424,80
1T75 orl-rat TDLo:675 mg/kg (17-22D preg/21D post) IYKEDH 11,424,80
1T03 orl-rat TDLo:875 mg/kg (35D male) IYKEDH 11,328,80
1T12 orl-rat TDLo:91 gm/kg (26W pre) IYKEDH 11,328,80
1T73 orl-rbt TDLo:81250 ug/kg (6-18D preg) IYKEDH 11,424,80

TOXICITY DATA AND REFERENCES:
3F19F24J22 orl-rat LD50:5000 mg/kg IYKEDH 11,328,80
* ipr-rat LD50:500 mg/kg IYKEDH 12,1204,81
* scu-rat LD50:3000 mg/kg IYKEDH 12,1204,81
* ivn-rat LD50:92 mg/kg IYKEDH 12,1204,81
3F19F24J22 orl-mus LD50:2600 mg/kg IYKEDH 11,328,80
* ipr-mus LD50:450 mg/kg IYKEDH 12,1204,81
* scu-mus LD50:2100 mg/kg IYKEDH 12,1204,81
* ivn-mus LD50:96 mg/kg IYKEDH 12,1204,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU7884000 6H-PYRIDO(2,3-b)(1,4)BENZODIAZEPIN-6-ONE, 5,11-DIHYDRO-11-((1-PIPERAZINYL)ACETYL)-, 1-OXIDE
UPDT-8306 MW: 352.41 MOLFM: C18-H18-N5-O3
SYN: 11-((1-PIPERAZINYL)ACETYL)-5,11-DIHYDRO-6H-PYRIDO(2,3-b)(1,4)BENZODIAZEPIN-6-ONE 1-OXIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:335 mg/kg FRPSAX 37,787,82

UU8568000 10H-PYRIDO(3,2-b)(1,4)BENZOTHIAZINE, 10-(2-DIMETHYLAMINO-2-METHYLETHYL)-, HYDROCHLORIDE
UPDT-8403 CAS: 1225-60-1 MW: 321.90 MOLFM: C16-H19-N3-S .Cl-H
SYN: ADANTON HYDROCHLORIDE * ANDANTOL * D 201 HYDROCHLORIDE * 10-(2-DIMETHYLAMINO-2-METHYLETHYL)-10H-PYRIDO(3,2-b)(1,4)BENZOTHIAZINE HYDROCHLORIDE * 10-(2-DIMETHYLAMINOPROPYL)-1-AZAPHENOTHIAZINE HYDROCHLORIDE * 10-(2-DIMETHYLAMINOPROPYL)-(1)-4-AZAPHENTHIAZIN HYDROCHLORID (German) * 10-(2-DIMETHYLAMINOPROPYL)-9-THIA-1,10-DIAZAANTHRACENE HYDROCHLORIDE * N-DIMETHYLAMINOISOPROPYLTHIOPHENYLPYRIDYLAMINE HYDROCHLORIDE * ISOTHIPENDYL HYDROCHLORIDE * NILERGEX HYDROCHLORIDE * THERUHISTIN HYDROCHLORIDE * UDANTOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1220 mg/kg NIIRDN 6,72,82

BEST COPY

	orl-mus LD50:222 mg/kg	ARZNAD 8,489,58
*	ipr-mus LD50:65 mg/kg	ARZNAD 18,435,68

UU8576000 10H-PYRIDO(3,2-b)(1,4)BENZOTHIAZINE, 10-(3-(DIMETHYLAMINO)PROPYL)-

UPDT:8308 CAS: 303-69-5 MW: 285.44 MOLFM: C16-H19-N3-S

SYN: DIMETHYLAMINO-n-PROPYL-THIOPHENYLPYRIDYLAMINE * D 206 * DOMINAL * PROTHIPENDYL

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:415 mg/kg	ARZNAD 8,489,58
	ipr-mus LD50:155 mg/kg	ARZNAD 8,489,58
1F25	scu-mus LD50:102 mg/kg	AIPTAK 149,374,64

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ADVPA3 4,263,66

UU8816000 6H-PYRIDO(4,3-b)CARBAZOL-9-AMINE, 5,11-DIMETHYL-

UPDT:8408 CAS: 54779-53-2 MW: 261.35 MOLFM: C17-H15-N3

SYN: 9-AMINOELLIPTICINE * 5,11-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOL-9-AMINE * ICIG 1089

MUTATION DATA AND REFERENCES:

	mmo-sat 500 ng/plate	CNREA8 43,3544,83
	mma-sat 500 ng/plate	CNREA8 43,3544,83
	msc-ham:ovr 100 ug/L	CNREA8 43,3544,83

UU8816500 6H-PYRIDO(4,3-b)CARBAZOLE

UPDT:8408 CAS: 243-30-1 MW: 218.27 MOLFM: C15-H10-N2

SYN: DEDIMETHYLELLIPTICINE * 5,11-DESDIMeTHYLELLIPTICINE * ICIG 862

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1 gm/kg	BIMDB3 21,101,74

UU8819000 6H-PYRIDO(4,3-b)CARBAZOLE, 1-((3-(N-AMINOPROPYL)-N-ETHYLAMINO)PROPYL)AMINO-9-METHOXY-5- METHYL-

UPDT:8407 MW: 419.63 MOLFM: C25-H33-N5-O

SYN: 1-((3-(N-AMINOPROPYL-N-ETHYLAMINO)PROPYL)AMINO)-9-METHOXY-5-METHYL-6H-PYRIDO(4,3-b)CARBAZOLE

TOXICITY DATA AND REFERENCES:

2V30Y55	ipr-mus LDLo:15 mg/kg	JMCMAR 23,1212,80

UU8821000 6H-PYRIDO(4,3-b)CARBAZOLE, 9-BROMO-5,11-DIMETHYL-

UPDT:8403 CAS: 18073-34-2 MW: 325.23 MOLFM: C17-H13-Br-N2

SYN: 9-BROMO-5,11-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOLE * 9-BROMOELLIPTICINE

MUTATION DATA AND REFERENCES:

	mmo-sat 1 nmol/plate	CBINA8 20,113,78
	mma-sat 1 nmol/plate	CBINA8 20,113,78

UU8824900 6H-PYRIDO(4,3-b)CARBAZOLE, 1,5-DIMETHYL-

UPDT:8305 CAS: 484-49-1 MW: 246.33 MOLFM: C17-H14-N2

SYN: 1,5-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOLE * OLIVACIN * OLIVACINE

MUTATION DATA AND REFERENCES:

	dni-esc 100 nmol/L	BBACAQ 697,313,82
	oms-esc 100 umol/L	BBACAQ 697,313,82

UU8825000 6H-PYRIDO(4,3-b)CARBAZOLE, 5,11-DIMETHYL-

UPDT:8411 CAS: 519-23-3 MW: 246.33 MOLFM: C17-H14-N2

SYN: 5,11-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOLE * ELLIPTICINE * ICIG 770 * NSC-71795

MUTATION DATA AND REFERENCES:

	mmo-sat 1 ug/plate	BICMBE 60,1011,78
	mma-sat 1 ug/plate	BICMBE 60,1011,78
	pic-esc 500 ng/plate	CNREA8 43,2819,83
	dnd-omi 21100 nmol/L	CNREA8 35,71,75
	dnd-mus:leu 20 umol/L/1H	BBACAQ 519,23,78
	dni-mus:leu 1 mg/L	PAACA3 14,110,73
	sce-ham:ovr 100 ug/L	CNREA8 43,577,83
	msc-ham:ovr 200 ug/L	CNREA8 43,577,83
	dnd-mam:lym 3800 nmol/L	CNREA8 35,71,75
	dnd-mam:lym 3 mg/L	CBINA8 23,379,78

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:178 mg/kg	MEIEDD 10,512,83
*	ipr-mus LD50:150 mg/kg	BIMDB3 21,101,74
*	ivn-mus LD50:19500 ug/kg	MEIEDD 10,512,83

UU8830000 6H-PYRIDO(4,3-b)CARBAZOLE, 5,11-DIMETHYL-, HYDROCHLORIDE

UPDT:8408 CAS: 33668-12-1 MW: 282.79 MOLFM: C17-H14-N2 Cl-H

SYN: 5,11-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOLE HYDROCHLORIDE * ELLIPTICINE HYDROCHLORIDE * ICIG 771

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:175 mg/kg	BIMDB3 21,101,74

UU8840000 6H-PYRIDO(4,3-b)CARBAZOLE, 5,11-DIMETHYL-9-METHOXY-

UPDT:8408 CAS: 10371-86-5 MW: 276.36 MOLFM: C18-H16-N2-O

SYN: ICIG 772 * 9-METHOXY-5,11-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOLE * 9-METHOXYELLIPTICIN * 9-METHOXYELLIPTICINE

MUTATION DATA AND REFERENCES:

	mmo-sat 500 ng/plate	CNREA8 43,3544,83
	mma-sat 500 ng/plate	CNREA8 43,3544,83
	msc-ham:ovr 100 ug/L	CNREA8 43,3544,83

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:150 mg/kg	BIMDB3 21,101,74

UU8841000 6H-PYRIDO(4,3-b)CARBAZOLE, 5,11-DIMETHYL-9-METHOXY-, HYDROCHLORIDE, HYDRATE

UPDT:8408 CAS: 33698-51-0 MW: 330.84 MOLFM: C18-H16-N2-O Cl-H H2-O

SYN: 5,11-DIMETHYL-9-METHOXY-6H-PYRIDO(4,3-b)CARBAZOLE HYDROCHLORIDE HYDRATE * ICIG 773 * 9-METHOXYELLIPTICINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:180 mg/kg	BIMDB3 21,101,74

UU8842000 6H-PYRIDO(4,3-b)CARBAZOLE, 5,11-DIMETHYL-9-METHOXY-, LACTATE

UPDT:8408 CAS: 26691-08-7 MW: 366.45 MOLFM: C18-H16-N2-O C3-H6-O3

SYN: ICIG 180 * 9-METHOXYELLIPTICINE LACTATE * 5,11-DIMETHYL-9-METHOXY-6H-PYRIDO(4,3-b)CARBAZOLE LACTATE

TOXICITY DATA AND REFERENCES:

2S05V30	ipr-mus LD50:200 mg/kg	BIMDB3 21,101,74

UU8843000 6H-PYRIDO(4,3-b)CARBAZOLE, 5,11-DIMETHYL-, TARTRATE

UPDT:8408 MW: 396.43 MOLFM: C17-H14-N2 C4-H6-O6

SYN: 5,11-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOLE TARTRATE * ELLIPTICINE TARTRATE * ICIG 719A

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:240 mg/kg	BIMDB3 21,101,74

6H-PYRIDO(4,3-b)CARBAZOLE, ETHANOL deriv. see: KK7183000

UU8850000 6H-PYRIDO(4,3-b)CARBAZOLE, 5-METHYL-

UPDT:8408 CAS: 4238-66-8 MW: 232.30 MOLFM: C16-H12-N2

SYN: 11-DESMETHYLELLIPTICINE * 11-DIMETHYLELLIPTICINE * 1-DIMETHYLOLIVACINE * ICIG 863 * NOR-11-METHYLELLIPTICINE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:350 mg/kg	BIMDB3 21,101,74

UU8874900 6H-PYRIDO(4,3-b)CARBAZOLIUM, 9-HYDROXY-2,5,11-TRIMETHYL-

UPDT:8405 MW: 277.37 MOLFM: C18-H17-N2-O

SYN: 9-HYDROXY-2,5,11-TRIMETHYL-6H-PYRIDO(4,3-b)CARBAZOLIUM * 2-METHYL-9-HYDROXYELLIPTICINIUM

MUTATION DATA AND REFERENCES:

	dnd-mus:leu 20 umol/L	CNREA8 43,5718,83

UU8878000 6H-PYRIDO(4,3-b)CARBAZOL-9-OL, 1-((3-(DIETHYLAMINO)PROPYL)AMINO)-5,6-DIMETHYL-

UPDT:8306 CAS: 83948-20-3 MW: 390.58 MOLFM: C24-H30-N4-O

SYN: 1-((3-(DIETHYLAMINO)PROPYL)AMINO)-5,6-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOL-9-OL

TOXICITY DATA AND REFERENCES:

1V30	ipr-mus LDLo:25 mg/kg	JMCMAR 26,181,83

UU8880000 6H-PYRIDO(4,3-b)CARBAZOL-9-OL, 1-((3-(DIETHYLAMINO)PROPYL)AMINO)-5,11-DIMETHYL-

UPDT:8307 CAS: 72238-05-2 MW: 390.58 MOLFM: C24-H30-N4-O

SYN: 1-((3-(DIETHYLAMINO)PROPYL)AMINO)-5,11-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOL-9-OL * 1-((3-(DIETHYLAMINO)PROPYL)AMINO)-5,11-DIMETHYL-9-HYDROXY-6H-PYRIDO(4,3-b)CARBAZOLE

TOXICITY DATA AND REFERENCES:

2V30Y55	ipr-mus LDLo:7 mg/kg	JMCMAR 23,1212,80
2V30Y55	ivn-mus LDLo:7 mg/kg	JMCMAR 23,1212,80

UU8885000 6H-PYRIDO(4,3-b)CARBAZOL-9-OL, 1-((3-(DIETHYLAMINO)PROPYL)AMINO)-5-METHYL-

UPDT:8306 CAS: 72238-04-1 MW: 376.55 MOLFM: C23-H28-N4-O

SYN: 1-((3-(DIETHYLAMINO)PROPYL)AMINO)-5-METHYL-9-HYDROXY-6H-PYRIDO(4,3-b)CARBAZOLE * 1-((3-(DIETHYLAMINO)PROPYL)AMINO)-5-METHYL-6H-PYRIDO(4,3-b)CARBAZOL-9-OL

TOXICITY DATA AND REFERENCES:

2V30Y55	ipr-mus LDLo:15 mg/kg	JMCMAR 23,1212,80
2V30Y55	ivn-mus LDLo:15 mg/kg	JMCMAR 23,1212,80

UU8886000 6H-PYRIDO(4,3-b)CARBAZOL-9-OL, 1-((3-(DIETHYLAMINO)PROPYL)AMINO)-5,6,11-TRIMETHYL-, HYDRATE

UPDT:8306 CAS: 83948-21-4 MW: 422.63 MOLFM: C25-H32-N4-O H2-O

SYN: 1-((3-(DIETHYLAMINO)PROPYL)AMINO)-5,6,11-TRIMETHYL-6H-PYRIDO(4,3-b)CARBAZOL-9-OL HYDRATE

TOXICITY DATA AND REFERENCES:

1V30	ipr-mus LDLo:25 mg/kg	JMCMAR 26,181,83

UU8886500 6H-PYRIDO(4,3-b)CARBAZOL-9-OL, 5,11-DIMETHYL-

UPDT:8408 CAS: 51131-85-2 MW: 262.33 MOLFM: C17-H14-N2-O

SYN: 5,11-DIMETHYL-6H-PYRIDO(4,3-b)CARBAZOL-9-OL * HYDROXY-9 ELLIPTICINE (French) * 9-HYDROXYELLIPTICIN * 9-HYDROXYELLIPTICINE * IGIG 929

MUTATION DATA AND REFERENCES:

	mmo-sat 500 ng/plate	CNREA8 43,3544,83
	mma-sat 500 ng/plate	CNREA8 43,3544,83
	msc-ham:ovr 1 ug/L	CNREA8 43,3544,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T41T42T46	ipr-mus TDLo:30 mg/kg (10D preg)	CHDDAT 295,465,82
1T43	ipr-mus TDLo:20 mg/kg (9D preg)	CHDDAT 295,465,82
1T25	ipr-mus TDLo:30 mg/kg (8D preg)	CHDDAT 295,465,82

TOXICITY DATA AND REFERENCES:

2S05V30	ipr-mus LD50:100 mg/kg	BIMDB3 21,101,74
	ivn-mus LD50:113 mg/kg	TXAPA9 33,484,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU8886900 6H-PYRIDO(4,3-b)CARBAZOL-9-OL, 1-((3-(DIMETHYLAMINO)PROPYL)AMINO)-5-METHYL-, ETHANOL

UPDT:8407 MW: 380.54 MOLFM: C20-H22-N4-O C2-H6-O

SYN: 1-(3-(DIMETHYLAMINO)PROPYLAMINO)-5-METHYL-9-HYDROXY-6H-PYRIDO(4,3-b)CARBAZOLE ETHANOL * 1-(3-(DIMETHYLAMINO)PROPYL)AMINO)-5-METHYL-6H-PYRIDO(4,3-b)CARBAZOL-9-OL ETHANOL

TOXICITY DATA AND REFERENCES:

2V30Y55	ipr-mus LDLo:5 mg/kg	JMCMAR 23,1212,80

UU8887000 6H-PYRIDO(4,3-b)CARBAZOL-9-OL, 1-((3-(DIMETHYLAMINO)PROPYL)AMINO)-5,6,11-TRIMETHYL-

UPDT:8306 CAS: 83948-23-6 MW: 376.55 MOLFM: C23-H28-N4-O

SYN: 1-((3-(DIMETHYLAMINO)PROPYL)AMINO)-5,6,11-TRIMETHYL-6H-PYRIDO(4,3-b)CARBAZOL-9-OL

TOXICITY DATA AND REFERENCES:

1V30	ipr-mus LDLo:50 mg/kg	JMCMAR 26,181,83

UU8892000 6H-PYRIDO(4,3-b)CARBAZOL-9-OL, 1-((3-(ETHYLAMINO)PROPYL)AMINO)-5,6,11-TRIMETHYL-

UPDT:8306 CAS: 83948-22-5 MW: 376.55 MOLFM: C23-H28-N4-O

SYN: 1-((3-(ETHYLAMINO)PROPYL)AMINO)-5,6,11-TRIMETHYL-6H-PYRIDO(4,3-b)CARBAZOL-9-OL

TOXICITY DATA AND REFERENCES:

1V30	ipr-mus LDLo:25 mg/kg	JMCMAR 26,181,83

UU8898000 6H-PYRIDO(4,3-b)CARBAZOL-9-OL, 2,5,11-TRIMETHYL-

UPDT:8311 MW: 276.36 MOLFM: C18-H16-N2-O

SYN: 2-METHYL-9-HYDROXYELLIPTICINIUM * 2,5,11-TRIMETHYL-6H-PYRIDO(4,3-b)CARBAZOL-9-OL

MUTATION DATA AND REFERENCES:

	msc-ham:ovr 200 ug/L	CNREA8 43,3544,83

PYRIDO(3',2':5,6)CHRYSENE see: DI2275000

PYRIDO(3',2':3,4)FLUORANTHENE see: LL9275000

PYRIDOFYLLINE see: UO8430000

5H-PYRIDO(4,3-b)INDOL-3-AMINE, 1,4-DIMETHYL- see: UU9351900

5H-PYRIDO(4,3-b)INDOL-3-AMINE, 1,4-DIMETHYL-, ACETATE see: UU9352000

5H-PYRIDO(4,3-b)INDOL-3-AMINE, 1,4-DIMETHYL-, MONOACETATE see: UU9352000

5H-PYRIDO(4,3-b)INDOL-3-AMINE, 1-METHYL- see: UU9354000

5H-PYRIDO(4,3-b)INDOL-3-AMINE, 1-METHYL-, MONOACETATE see: UU9355000

UU9350000 9H-PYRIDO(3,4-b)INDOLE

UPDT:8401 CAS: 244-63-3 MW: 168.21 MOLFM: C11-H8-N2

SYN: NORHARMAN

MUTATION DATA AND REFERENCES:

	dnd-hmn:hla 50 umol/L	MUREAV 89,95,81
	msc-ham:lng 150 mg/L	CALEDQ 17,249,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:2520 mg/kg (28D male)	TOLED5 3,157,79

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:100 mg/kg	CSLNX* NX#02316

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU9351600 9H-PYRIDO(2,3-b)INDOLE, 2-AMINO-

UPDT:8412 CAS: 26148-68-5 MW: 183.23 MOLFM: C11-H9-N3

SYN: AMINO-alpha-CARBOLINE * 2-AMINO-alpha-CARBOLINE * 2-AMINO-9H-PYRIDO(2,3-b)INDOLE

MUTATION DATA AND REFERENCES:

	mmo-sat 1 ug/plate	ABCHA6 43,1155,79
	mma-sat 1 ug/plate	CALEDQ 10,141,80
	dnr-bcs 10 uL/plate	ABCHA6 45,2031,81
	sce-hmn:lym 4000 ug/L	MUREAV 77,65,80
	msc-ham:lng 50 mg/L	MUREAV 118,91,83

TUMORIGENIC DATA AND REFERENCES:

3V01H60L60	orl-mus TDLo:44712 mg/kg/89W-C	CRNGDP 5,815,84
3V01H60L60	orl-mus TD :50424 mg/kg/82W-C	CRNGDP 5,815,84

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU9351650 9H-PYRIDO(3,4-b)INDOLE, 3-AMINO-

UPDT:8306 MW: 183.23 MOLFM: C11-H9-N3

SYN: 3-AMINONORHARMAN * 3-AMINO-9H-PYRIDO(3,4-b)INDOLE

MUTATION DATA AND REFERENCES:

	sce-hmn:lym 10 umol/L	MUREAV 116,137,83
	sce-ham:ovr 10 umol/L	MUREAV 116,137,83

UU9351900 5H-PYRIDO(4,3-b)INDOLE, 3-AMINO-1,4-DIMETHYL-

UPDT:8408 CAS: 62450-06-0 MW: 211.29 MOLFM: C13-H13-N3

SYN: 3-AMINO-1,4-DIMETHYL-gamma-CARBOLINE * 3-AMINO-1,4-DIMETHYL-5H-PYRIDO(4,3-b)INDOLE * 5H-PYRIDO(4,3-b)INDOL-3-AMINE, 1,4-DIMETHYL- * Trp-P-1 * TRP-P-1 * D,L-TRYPTOPHAN, pyrolyzate 1 * TRYPTOPHAN P1

MUTATION DATA AND REFERENCES:

	mmo-sat 1 ug/plate	ABCHA6 43,1155,79

mma-sat 1 ug/plate PJABDW 53,58,77
pic-sat 5 nmol/plate PPTCBY -,337,79
dnr-bcs 1200 ng/disc MUREAV 97,339,82
dnd-bcs 200 ug/disc PMRSDJ 1,175,81
cyt-hmn:fbr 200 ug/L PJABDW 56,332,80
sce-hmn:fbr 200 ug/L PJABDW 56,332,80
dns-rat:lvr 100 nmol/L CALEDQ 20,283,83
otr-ham:emb 500 ug/L PPTCBY 9,151,79
cyt-ham:fbr 250 ug/L PJABDW 56,332,80
cyt-ham:lng 1250 ug/L GMCRDC 27,95,81
sce-ham:fbr 250 ug/L PJABDW 56,332,80
msc-ham:lng 10 mg/L MUREAV 118,91,83
dnd-mam:lym 50 umol/L BICHAW 20,293,81

TUMORIGENIC DATA AND REFERENCES:
3V01N60V10 scu-rat TDLo:150 mg/kg/20W-I PPTCBY 9,159,79
2V01M60 imp-mus TDLo:40 mg/kg CALEDQ 17,101,82
3V01N60V10 scu-ham TDLo:240 mg/kg/20W-I PPTCBY 9,159,79

TOXICITY DATA AND REFERENCES:
1F12 orl-rat LD50:100 mg/kg PPTCBY 9,159,79
1F12 orl-mus LD50:200 mg/kg PPTCBY 9,159,79
1F12 orl-ham LD50:380 mg/kg PPTCBY 9,159,79

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 31,247,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU9352000 5H-PYRIDO(4,3-b)INDOLE, 3-AMINO-1,4-DIMETHYL-, ACETATE
UPDT:8405 CAS: 68808-54-8 MW: 271.35 MOLFM: C13-H13-N3 C2-H4-O2
SYN: 3-AMINO-1,4-DIMETHYL-5H-PYRIDO(4,3-b)INDOLE ACETATE * 5H-PYRIDO(4,3-b)INDOL-3-AMINE, 1,4-DIMETHYL-, ACETATE * 5H-PYRIDO(4,3-b)INDOL-3-AMINE, 1,4-DIMETHYL-, MONOACETATE * TRP-P-1 (ACETATE)

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate CPBTAL 26,611,78
slt-dmg-orl 200 ppm MUREAV 122,315,83

TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 orl-mus TDLo:11 gm/kg/89W-C SCIEAS 213,346,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU9353200 9H-PYRIDO(3,4-b)INDOLE, 3-AMINO-1-METHYL-
UPDT:8306 MW: 197.26 MOLFM: C12-H11-N3
SYN: 3-AMINOHARMAN * 3-AMINO-1-METHYL-9H-PYRIDO(3,4-b)INDOLE

MUTATION DATA AND REFERENCES:
sce-hmn:lym 10 umol/L MUREAV 116,137,83
sce-ham:ovr 10 umol/L MUREAV 116,137,83

UU9354000 5H-PYRIDO(4,3-b)INDOLE, 3-AMINO-1-METHYL-
UPDT:8412 CAS: 62450-07-1 MW: 197.26 MOLFM: C12-H11-N3
SYN: 3-AMINO-1-METHYL-gamma-CARBOLINE * 3-AMINO-1-METHYL-5H-PYRIDO(4,3-b)INDOLE * 1-METHYL-3-AMINO-5H-PYRIDO(4,3-b)INDOLE * 5H-PYRIDO(4,3-b)INDOL-3-AMINE, 1-METHYL- * Trp-P-2 * TRP-P-2 * TRYPTOPHAN P2

MUTATION DATA AND REFERENCES:
mmo-sat 50 ng/plate CRNGDP 5,505,84
mma-sat 50 ng/plate CRNGDP 5,505,84
dnr-sat 1 ug/plate MUREAV 117,243,83
dnd-sat 5 umol/L ENMUDM 6,437,84
pic-sat 1 nmol/plate PPTCBY -,337,79
dnr-bcs 3 ug/disc MUREAV 97,339,82
cyt-hmn:fbr 2 mg/L PJABDW 56,332,80
sce-hmn:lym 16 ug/L MUREAV 77,65,80
sce-hmn:fbr 1 mg/L PJABDW 56,332,80
dnd-rat:lvr 30 umol/L BCPCA6 32,1179,83
oms-rat:lvr 30 umol/L BCPCA6 32,1179,83
cyt-mus-ipr 20 mg/kg MUREAV 140,49,84
sce-mus-ipr 4 mg/kg MUREAV 140,49,84
mma-ham:ovr 1 mg/L ENMUDM 4,368,82
dnr-ham:ovr 1 mg/L ENMUDM 4,368,82
otr-ham:emb 500 ug/L PPTCBY 9,151,79
dnd-ham:ovr 5 umol ENMUDM 6,437,84
cyt-ham:fbr 2500 ug/L PJABDW 56,332,80
cyt-ham:ovr 1 mg/L ENMUDM 4,368,82
cyt-ham:lng 1 mg/L ARTODN (Suppl 4),41,80
sce-ham:fbr 2500 ug/L PJABDW 56,332,80
sce-ham:ovr 1 mg/L ENMUDM 4,368,82
msc-ham-ipr 12600 ug/kg/3D-I CALEDQ 20,241,83
msc-ham:ovr 1 mg/L MUREAV 117,243,83
msc-ham:lng 2 mg/L MUREAV 118,91,83
dnd-mam:lym 214 umol/L CBINA8 23,137,78

TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:4350 mg/kg/2Y-C CALEDQ 13,23,81
2V01M60 imp-mus TDLo:40 mg/kg CALEDQ 17,101,82

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 31,255,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU9354380 9H-PYRIDO(2,3-b)INDOLE, 2-AMINO-3-METHYL-
UPDT:8412 MW: 197.26 MOLFM: C12-H11-N3
SYN: 2-AMINO-3-METHYL-9H-PYRIDO(2,3-b)INDOLE * ME-AMINO-alpha-CARBOLINE

MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate ABCHA6 43,1155,79
mma-sat 10 ng/plate CALEDQ 10,141,80
dnr-bcs 10 uL/plate ABCHA6 45,2031,81

TUMORIGENIC DATA AND REFERENCES:
3V01H60L60 orl-mus TDLo:35424 mg/kg/70W-C CRNGDP 5,815,84
3V01H60L60 orl-mus TD :37380 mg/kg/64W-C CRNGDP 5,815,84

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU9355000 5H-PYRIDO(4,3-b)INDOLE, 3-AMINO-1-METHYL-, ACETATE
UPDT:8405 CAS: 72254-58-1 MW: 257.32 MOLFM: C12-H11-N3 C2-H4-O2
SYN: 3-AMINO-1-METHYL-5H-PYRIDO(4,3-b)INDOLE ACETATE * 5H-PYRIDO(4,3-b)INDOL-3-AMINE, 1-METHYL-, MONOACETATE * TRP-P-2 (ACETATE)

MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate CPBTAL 26,611,78
slt-dmg-orl 400 ppm MUREAV 122,315,83

TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 orl-mus TDLo:14 gm/kg/89W-C SCIEAS 213,346,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UU9785000 5H-PYRIDO(3,2-b)INDOLE, 2,3-DIHYDRO-2,4-DIMETHYL-, MONOHYDROCHLORIDE
UPDT:8308 MW: 233.74 MOLFM: C13-H13-N2 Cl-H
SYN: 2,3-DIHYDRO-2,4-DIMETHYL-5H-PYRIDO(3,2-b)INDOLE HYDROCHLORIDE * 2,4-DIMETHYL-delta-CARBOLINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1V30 unk-mus LDLo:500 mg/kg PCJOAU 15,631,81

UU9800000 3H-PYRIDO(3,4-b)INDOLE, 4,9-DIHYDRO-7-METHOXY-1-METHYL-
UPDT:8403 CAS: 304-21-2 MW: 214.29 MOLFM: C13-H14-N2-O
SYN: ARMALIN * DIHYDROHARMINE * 3,4-DIHYDROHARMINE * 3,4-DIHYDRO-7-METHOXY-1-METHYL-9-PYRID(3,4-b)INDOLE * 4,9-DIHYDRO-7-METHOXY-1-METHYL-3H-PYRIDO(3,4-b)INDOLE * HARMALINE * HARMIDINE * HARMINE, DIHYDRO- * HARMALOL METHYL ETHER * O-METHYLHARMALOL * 1-METHYL-7-METHOXY-3,4-DIHYDRO-beta-CARBOLINE

TOXICITY DATA AND REFERENCES:
scu-rat LDLo:120 mg/kg TRSEAO 47,245,09
scu-mus LD50:120 mg/kg PSCBAY 2,17,63
scu-dog LDLo:33 mg/kg TRSEAO 47,245,09
scu-cat LDLo:100 mg/kg TRSEAO 47,245,09
scu-rbt LDLo:100 mg/kg TRSEAO 47,245,09
ivn-rbt LDLo:20 mg/kg NEPHBW 10,15,71
scu-gpg LDLo:100 mg/kg TRSEAO 47,245,09

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PISDDJ 5,-,77; [illegible]OXAO [illegible](1),1,78

UU9805000 5H-PYRIDO(3,2-b)INDOLE, 2,3-DIHYDRO-2-METHYL-, MONOHYDROCHLORIDE
UPDT:8308 MW: 220.72 MOLFM: C12-H12-N2 Cl-H
SYN: 2,3-DIHYDRO-2-METHYL-5H-PYRIDO(3,2-b)INDOLE HYDROCHLORIDE * 2-METHYL-delta-CARBOLINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
1V30 unk-mus LDLo:500 mg/kg PCJOAU 15,631,81

UU9862000 9H-PYRIDO(3,4-b)INDOLE, 1,3-DIMETHYL-, HYDROCHLORIDE
UPDT:8406 CAS: 22314-94-9 MW: 232.73 MOLFM: C13-H12-N2 Cl-H
SYN: 1,3-DIMETHYL-9H-PYRIDO(3,4-b)INDOLE HYDROCHLORIDE * 3-METHYLHARMANE HYDROCHLORIDE * 9H-PYRIDO(3,4-b)INDOLE, 1,3-DIMETHYL-, MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2F16F17 ipr-mus LD50:123 mg/kg PCJOAU 16,894,82
* unk-mus LD50:123 mg/kg KHFZAN 11(5),93,77

9H-PYRIDO(3,4-b)INDOLE, 1,3-DIMETHYL-, MONOHYDROCHLORIDE see: UU9862000

UV0280000 9H-PYRIDO(3,4-b)INDOLE, 1-METHYL-
UPDT:8403 CAS: 486-84-0 MW: 182.24 MOLFM: C12-H10-N2
SYN: ARIBINE * HARMAN * HARMANE * LOCUTURINE * LOTURINE * 2-METHYL-beta-CARBOLINE * 3-METHYL-4-CARBOLINE * 1-METHYLNORHARMAN * 1-METHYL-9H-PYRIDO(3,4-b)INDOLE * PASSIFLORIN

MUTATION DATA AND REFERENCES:
dni-hmn:oth 200 umol/L BBRCA9 86,124,79
msc-ham:lng 100 mg/L CALEDQ 17,249,83

TOXICITY DATA AND REFERENCES:
1F05 ipr-mus LD50:50 mg/kg AIPTAK 149,164,64

UV0318000 9H-PYRIDO(3,4-b)INDOLE, 1-METHYL-, MONOHYDROCHLORIDE
UPDT:8406 CAS: 21655-84-5 MW: 218.70 MOLFM: C12-H10-N2 Cl-H
SYN: HARMANE HYDROCHLORIDE * HARMAN HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
2F16F17 ipr-mus LD50:66 mg/kg PCJOAU 16,894,82

UV0320000 5H-PYRIDO(4,3-b)INDOLE, 1-METHYL-3-NITRO-
UPDT:8403 MW: 227.24 MOLFM: C12-H9-N3-O2
SYN: 1-METHYL-3-NITRO-5H-PYRIDO(4,3-b)INDOLE * 3-NITRO-1-METHYL-5H-PYRIDO(4,3-b)INDOLE

MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate CRNGDP 4,1547,83

UV0360700 5H-PYRIDO(4,3-b)INDOLE, 1-METHYL-3-NITROSO-
UPDT:8403 MW: 211.24 MOLFM: C12-H9-N3-O
SYN: 1-METHYL-3-NITROSO-5H-PYRIDO(4,3-b)INDOLE * 3-NITROSO-1-METHYL-5H-PYRIDO(4,3-b)INDOLE

MUTATION DATA AND REFERENCES:
mmo-sat 20 pmol/plate CRNGDP 4,1547,83

UV0362300 9H-PYRIDO(3,4-b)INDOLE, 9-(2-(2-METHYL-5-PYRIDYL)ETHYL)-3-PROPYL-1,2,3,4,4a,9a-HEXAHYDRO-
UPDT:8407 CAS: 63885-32-5 MW: 335.54 MOLFM: C22-H29-N3

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:70 mg/kg FATOAO 31,209,68

UV0565000 9H-PYRIDO(3,4-b)INDOLE, 1,2,3,4-TETRAHYDRO-9-(2-(DIMETHYLAMINO)ETHYL)-3-METHYL-
UPDT:8312 MW: 257.42 MOLFM: C16-H23-N3
SYN: 1,2,3,4-TETRAHYDRO-9-(2-(DIMETHYLAMINO)ETHYL)-3-METHYL-9H-PYRIDO(3,4-b)INDOLE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:238 mg/kg PCJOAU 16,654,82

UV0660000 9H-PYRIDO(3,4-b)INDOLE, 1,2,3,4-TETRAHYDRO-6-FLUORO-4-METHYL-
UPDT:8310 MW: 204.27 MOLFM: C12-H13-F-N2
SYN: 4-METHYL-6-FLUORO-1,2,3,4-TETRAHYDRO-beta-CARBOLINE

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:63 mg/kg CSLNX* NX#12503

UV0690000 9H-PYRIDO(3,4-b)INDOLE, 1,2,3,4-TETRAHYDRO-1-(p-FLUOROPHENYL)-, HYDROCHLORIDE
UPDT:8310 MW: 302.80 MOLFM: C17-H15-F-N2 Cl-H
SYN: 1-(p-FLUOROPHENYL)TETRAHYDRONORHARMAN HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:35 mg/kg CSLNX* NX#12159

UV0725000 1H-PYRIDO(3,4-b)INDOLE, 2,3,4,9-TETRAHYDRO-6-METHOXY-
UPDT:8302 CAS: 20315-68-8 MW: 202.28 MOLFM: C12-H14-N2-O
SYN: 6-MeOTHBC * 6-METHOXYTETRAHYDRO-beta-CARBOLINE * 6-METHOXY-1,2,3,4-TETRAHYDRO-beta-CARBOLINE * 6-METHOXYTRYPTOLINE * 2,3,4,9-TETRAHYDRO-6-METHOXY-1H-PYRIDO(3,4-b)INDOLE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T12T13 orl-rat TDLo:415 mg/kg (35D pre) ARZNAD 28,42,78
1T13 ipr-rat TDLo:440 mg/kg (35D pre) ARZNAD 28,42,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UV0981000 PYRIDO(1,2-a)INDOLIUM, DODECAHYDRO-5-METHYL-, IODIDE
UPDT:8311 CAS: 13699-41-7 MW: 321.28 MOLFM: C13-H24-N I
SYN: 5-METHYLDODECAHYDROPYRIDO(1,2-a)INDOLIUM IODIDE

TOXICITY DATA AND REFERENCES:
1F18 ipr-mus LD50:26 mg/kg JPMSAE 56,644,57

UV1054000 9H-PYRIDO(3,4-b)INDOL-1(2H)-ONE, 3,4-DIHYDRO-9-(2-(DIMETHYLAMINO)ETHYL)-6-METHOXY-
UPDT:8312 MW: 287.40 MOLFM: C16-H21-N3-O2
SYN: 3,4-DIHYDRO-9-(2-(DIMETHYLAMINO)ETHYL)-6-METHOXY-9H-PYRIDO(3,4-b)INDOL-1(2H)-ONE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:142 mg/kg PCJOAU 16,654,82

UV1055000 9H-PYRIDO(3,4-b)INDOL-1(2H)-ONE, 3,4-DIHYDRO-9-(2-(DIMETHYLAMINO)ETHYL)-7-METHOXY-
UPDT:8312 MW: 287.40 MOLFM: C16-H21-N3-O2
SYN: 3,4-DIHYDRO-9-(2-(DIMETHYLAMINO)ETHYL)-7-METHOXY-9H-PYRIDO(3,4-b)INDOL-1(2H)-ONE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:248 mg/kg PCJOAU 16,654,82

UV1056000 9H-PYRIDO(3,4-b)INDOL-1(2H)-ONE, 3,4-DIHYDRO-9-(2-(DIMETHYLAMINO)ETHYL)-3-METHYL-
UPDT:8312 MW: 271.40 MOLFM: C16-H21-N3-O

SYN: 3,4-DIHYDRO-9-(2-(DIMETHYLAMINO)ETHYL)-3-METHYL-9H-PYRIDO(3,4-b)INDOL-1(2H)-ONE
TOXICITY DATA AND REFERENCES:
1U26 scu-mus LD50:97 mg/kg PCJOAU 16,654,82

UV1056500 9H-PYRIDO(3,4-b)INDOL-1(2H)-ONE, 3,4-DIHYDRO-9-(3-(DIMETHYLAMINO)PROPYL)-3-METHYL-
UPDT:8312 MW: 285.43 MOLFM: C17-H23-N3-O
SYN: 3,4-DIHYDRO-9-(3-(DIMETHYLAMINO)PROPYL)-3-METHYL-9H-PYRIDO(3,4-b)INDOL-1(2H)-ONE
TOXICITY DATA AND REFERENCES:
1U26 scu-mus LD50:218 mg/kg PCJOAU 16,654,82

alpha-PYRIDONE see: UV1144050
2-PYRIDONE see: UV1144050
PYRIDONE-2 (French) see: UV1144050

UV1144050 2(1H)-PYRIDONE
UPDT:8401 CAS: 142-08-5 MW: 95.11 MOLFM: C5-H5-N-O
SYN: 2-HYDROXYPYRIDINE * 2-OXOPYRIDINE * 2-PYPIDINOL * 2-PYRIDINONE * 2(1H)-PYRIDINONE (9CI) * alpha-PYRIDONE * PYRIDONE-2 (French) * 2-PYRIDONE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:750 mg/kg AIPTAK 93,143,53
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UV1146000 2(1H)-PYRIDONE, 1-(m-AMINOPHENYL)-
UPDT:8403 CAS: 134-37-2 MW: 186.23 MOLFM: C11-H10-N2-O
SYN: AMINOPHENYLPYRIDONE * 1-m-AMINOPHENYL-2-PYRIDONE * 1-(3-AMINOPHENYL)-2-(1H)-PYRIDINONE * 1-(3-AMINOPHENYL)-2-PYRIDONE * AMPHENIDONE * DORNWAL * DORNWALL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2300 mg/kg FEPRA7 19,390,60
orl-mus LD50:1300 mg/kg FEPRA7 19,390,60
ivn-mus LD50:660 mg/kg 27ZQAG -,201,72

UV1146300 2(1h)-PYRIDONE, 3,5-DICHLORO-
UPDT:8311 CAS: 5437-33-2 MW: 163.99 MOLFM: C5-H3-Cl2-N-O
SYN: 3,5-DICHLORO-2-PYRIDONE * 2-PYRIDINOL, 3,5-DICHLORO- * 2(1H)-PYRIDINONE, 3,5-DICHLORO-
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg CSLNX* NX#05400

UV1146600 4(1H)-PYRIDONE, 3,5-DIIODO-
UPDT:8311 CAS: 5579-93-1 MW: 346.89 MOLFM: C5-H3-I2-N-O
SYN: 3,5-DIIODO-4-PYRIDONE * 3,5-DIIODO-4(1H)-PYRIDONE * DJP * HYTRAST * IOPYDON * IOPYDONE * 4(1H)-PYRIDINONE, 3,5-DIIODO-
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#02917
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UV1147000 2(1H)-PYRIDONE, 1-HYDROXY-5(or 6)-METHOXY-6(or 5)-METHYL
UPDT:8311 MW: 155.17 MOLFM: C7-H9-N-O3
SYN: G 1549 * 1-HYDROXY-5(or 6)-METHOXY-6(or 5)-METHYL-2(1H)-PYRIDONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg JANTAJ 32,1096,79

UV1147300 2(1H)-PYRIDONE, 1-HYDROXY-5(or 6)-METHOXY-6(or 5)-METHYL-, COPPER complex
UPDT:8311 MW: 371.86 MOLFM: C14-H16-N2-O6 Cu
SYN: G 1549 COPPER COMPLEX * 1-HYDROXY-5(or 6)-METHOXY-6(or 5)-METHYL-2(1H)-PYRIDONE COPPER complex
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg JANTAJ 32,1096,79

UV1147600 2(1H)-PYRIDONE, 1-HYDROXY-5(or 6)-METHOXY-6(or 5)-METHYL-, ETHANOLAMINE SALT
UPDT:8311 MW: 216.27 MOLFM: C7-H9-N-O3 C2-H7-N-O
SYN: G 1549 ETHANOLAMINE SALT * 1-HYDROXY-5(or 6)-METHOXY-6(or 5)-METHYL-2(1H)-PYRIDONE ETHANOLAMINE SALT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg JANTAJ 32,1096,79

UV1147800 2(1H)-PYRIDONE, 1-HYDROXY-5(or 6)-METHOXY-6(or 5)-METHYL-, IRON(III) complex
UPDT:8311 MW: 518.33 MOLFM: C21-H24-N3-O9 Fe
SYN: G 1549 FERRIC COMPLEX
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:350 mg/kg JANTAJ 32,1096,79

UV1148000 2(1H)-PYRIDONE, 4-HYDROXY-1-beta-D-RIBOFURANOSYL-
UPDT:8311 CAS: 23205-42-7 MW: 243.24 MOLFM: C10-H13-N-O6
SYN: 3-DEAZAURIDINE * 3-DEAZURIDINE * 4-HYDROXY-1-beta-D-RIBOFURANOSYL-2(1H)-PYRIDONE * 2(1H)-PYRIDINONE, 4-HYDROXY-1-beta-D-RIBOFURANOSYL- (9CI)
MUTATION DATA AND REFERENCES:
oms-mus:leu 1 nmol PAACA3 24,295,83

UV1150000 2(1H)-PYRIDONE, 1-METHYL-
UPDT:8402 CAS: 694-85-9 MW: 109.14 MOLFM: C6-H7-N-O
SYN: 1-METHYL-2(1H)-PYRIDINONE * N-METHYLPYRIDONE * 1-METHYL-2(1H)-PYRIDONE * 2(1H)-PYRIDINONE, 1-METHYL- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-gpg LD50:421 mg/kg JRPFA4 48,371,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UV1150650 2(1H)-PYRIDONE, 1-(2-(4-o-TOLYL-1-PIPERAZINYL)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8408 CAS: 4949-11-5 MW: 333.90 MOLFM: C18-H23-N3-O Cl-H
SYN: PW-16 * 2(1H)-PYRIDINONE, 1-(2-(4-(2-METHYLPHENYL)-1-PIPERAZINYL)ETHYL)-, MONOHYDROCHLORIDE * 1-(2-(4-o-TOLYL-1-PIPERAZINYL)ETHYL)-2(1H)-PYRIDONE MONOHYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T39 orl-rat TDLo:3080 mg/kg (8-14D preg) PMHBAH 12,148,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UV1151200 5H-PYRIDO(3,2-a)PHENOXAZINE-3-CARBOXYLIC ACID, 1-HYDROXY-5-OXO-, MONOSODIUM SALT
UPDT:8406 CAS: 51410-30-1 MW: 330.24 MOLFM: C16-H7-N2-O5 Na
SYN: CATALIN SODIUM * 1-HYDROXY-5-OXO-5H-PYRIDO(3,2-a)PHENOXAZINE-3-CARBOXYLIC ACID SODIUM SALT
TOXICITY DATA AND REFERENCES:
2F17F25 ipr-rat LD50:1460 mg/kg OYYAA2 8,911,74
2F17F25 ipr-mus LD50:2120 mg/kg OYYAA2 8,911,74

UV1152320 PYRIDO(2,3-b)PYRAZINE-2,3-DIOL
UPDT:8312 CAS: 2067-84-7 MW: 163.15 MOLFM: C7-H5-N3-O2
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:320 mg/kg CSLNX* NX#02790

UV1152350 PYRIDO(2,3-b)PYRAZIN-3(4H)-ONE, 4-(2-(DIMETHYLAMINO)ETHYL)-2-METHYL-
UPDT:8312 MW: 232.32 MOLFM: C12-H16-N4-O
SYN: 4-(2-(DIMETHYLAMINO)ETHYL)-2-METHYLPYRIDO(2,3-b)PYRAZIN-3(4H)-ONE
TOXICITY DATA AND REFERENCES:
3F11F12H05 scu-rat LD50:780 mg/kg FRPSAX 38,330,83

UV1152360 PYRIDO(3,4-b)PYRAZIN-2(1H)-ONE, 1-(2-(DIMETHYLAMINO)ETHYL)-3-METHYL-
UPDT:8312 MW: 232.32 MOLFM: C12-H16-N4-O
SYN: 1-(2-(DIMETHYLAMINO)ETHYL)-3-METHYLPYRIDO(3,4-b)PYRAZIN-2(1H)-ONE
TOXICITY DATA AND REFERENCES:
3F11F12H05 scu-rat LD50:167 mg/kg FRPSAX 38,330,83

UV1152370 PYRIDO(3,4-b)PYRAZIN-2(1H)-ONE, 1-(2-MORPHOLINOETHYL)-3-METHYL-
UPDT:8312 MW: 274.36 MOLFM: C14-H18-N4-O2
SYN: 1-(2-MORPHOLINOETHYL)-3-METHYLPYRIDO(3,4-b)PYRAZIN-2(1H)-ONE
TOXICITY DATA AND REFERENCES:
3F11F12H05 scu-rat LD50:750 mg/kg FRPSAX 38,330,83

PYRIDO(2',3':4)PYRENE see: SF6125000

UV1152450 PYRIDO(4,3-c)PYRIDAZIN-3(2H)-ONE, 6-BENZOYL-5,6,7,8-TETRAHYDRO-, 3-HYDRAZONE, MONOMETHANESULFONATE
UPDT:8307 CAS: 65322-72-7 MW: 365.45 MOLFM: C14-H15-N5-O C-H4-O3-S
SYN: ENDRALAZINE MESILATE * ENDRALAZINE METHANESULFONATE
MUTATION DATA AND REFERENCES:
mmo-sat 11 umol/plate ENMUDM 4,605,82
dnd-mus-ipr 246 mg/kg ENMUDM 4,605,82
sce-mus-ipr 123 mg/kg ENMUDM 4,605,82

UV1153600 2H-PYRIDO(2,3-d)PYRIMIDINE-5-CARBOXYLIC ACID, 3,4-DIHYDRO-1-BENZYL-3,7-DIMETHYL-4-OXO-2- THIOXO-, ETHYL ESTER
UPDT:8303 MW: 369.47 MOLFM: C19-H19-N3-O3-S
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1520 mg/kg FRPSAX 37,259,82

UV1153800 PYRIDO(2,3-d)PYRIMIDINE-6-CARBOXYLIC ACID, 5,8-DIHYDRO-8-ETHYL-5-OXO-2-(1-PIPERAZINYL)-
UPDT:8403 CAS: 51940-44-4 MW: 303.36 MOLFM: C14-H17-N5-O3
SYN: DOLCOL * PIPEDAC * PIPEMID * PIPEMIDIC ACID * PIPERAMIC ACID * PIPRAM * PB 1489
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T72 orl-rat TDLo:22400 mg/kg (8-14D preg) IYKEDH 7,321,76
1T53 orl-rat TDLo:1400 mg/kg (8-14D preg) IYKEDH 7,321,76
1T76 orl-rat TDLo:22400 mg/kg (15-22D preg/20D post) IYKEDH 7,330,76
TOXICITY DATA AND REFERENCES:
scu-mus LD50:2200 mg/kg 37ASAA 2,782,78
ivn-mus LD50:300 mg/kg 37ASAA 2,782,78
skn-rbt LD50:4000 mg/kg 37ASAA 2,782,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UV1153900 PYRIDO(2,3-d)PYRIMIDINE-6-CARBOXYLIC ACID, 5,8-DIHYDRO-8-ETHYL-5-OXO-2-(1-PYRROLIDINYL)-
UPDT:8408 CAS: 19562-30-2 MW: 288.34 MOLFM: C14-H16-N4-O3
SYN: BACTRAMYL * 8-ETHYL-5-OXO-2-(1-PYRROLIDINYL)-5,8-DIHYDROPYRIDO(2,3-d)PYRIMIDINE-6-CARBOXYLIC ACID * PIRODAL * PIROMIDIC ACID * PANACID * PD 93 * REELON * SEPTURAL
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:158 mg/kg AACHAX -,117,70
ipr-mus LD50:900 mg/kg 37ASAA 2,782,78
scu-mus LD50:200 mg/kg 37ASAA 2,782,78
ivn-mus LD50:100 mg/kg 37ASAA 2,782,78
skn-rbt LD50:1500 mg/kg 37ASAA 2,782,78

UV1153950 2H-PYRIDO(2,3-d)PYRIMIDINE-5-CARBOXYLIC ACID, 3,4-DIHYDRO-7-METHYL-4-OXO-1-PHENYL-2-THIOXO-, ETHYL ESTER
UPDT:8303 MW: 341.41 MOLFM: C17-H15-N3-O3-S
TOXICITY DATA AND REFERENCES:
2F29H05 ipr-mus LD50:480 mg/kg FRPSAX 37,259,82

PYRIDO(2,3-d)PYRIMIDINE-2,4-DIAMINE, 5-METHYL-6-(1-METHYLPROPYL)- (9CI) see: UV1153970

UV1153970 PYRIDO(2,3-d)PYRIMIDINE, 2,4-DIAMINO-6-sec-BUTYL-5-METHYL-
UPDT:8306 CAS: 7319-47-3 MW: 231.34 MOLFM: C12-H17-N5
SYN: BW 58-283 * BW 58-283b * BW 283U * 2,4-DIAMINO-5-METHYL-6-sec-BUTYLPYRIDO(2,3-d)PYRIMIDINE * 2,4-DIAMINO-5-METHYL-6-(BUT-2-YL)PYRIDO(2,3-d)PYRIMIDINE * PYRIDO(2,3-d)PYRIMIDINE-2,4-DIAMINE, 5-METHYL-6-(1-METHYLPROPYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:100 mg/kg 14XBAV -,367,64
orl-mus LD50:57 mg/kg JMCMAR 11,711,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UV1162500 PYRIDO(3,2-d)PYRIMIDIN-4(3H)-ONE, 3-(2,4-DICHLOROPHENYL)-2-METHYL-
UPDT:8404 MW: 306.16 MOLFM: C14-H9-Cl2-N3-O
SYN: 3-(2,4-DICHLOROPHENYL)-2-METHYLPYRIDO(3,2-d)PYRIMIDIN-4(3H)-ONE
TOXICITY DATA AND REFERENCES:
2F02J25 ipr-mus LD50:65 mg/kg JMCMAR 26,1422,83

UV1173050 10H-PYRIDO(3,2-b)PYRIMIDO(4,2-e)(1,4)THIAZIN-2-AMINE, 4-CHLORO-8-METHYL-
UPDT:8402 CAS: 63931-11-3 MW: 265.74 MOLFM: C10-H8-Cl-N5-S
SYN: 2-AMINO-4-CHLORO-8-METHYL-1,3,9-TRIAZAPHENOTHIAZINE * 4-CHLORO-8-METHYL-10H-PYRIDO(3,2-b)PYRIMIDO(4,2-e)(1,4)THIAZIN-2-AMINE
TOXICITY DATA AND REFERENCES:
3F17J25U26 ipr-mus LD50:228 mg/kg EJMCA5 12,249,77

UV1173100 10H-PYRIDO(3,2-b)PYRIMIDO(4,5-e)(1,4)THIAZIN-4-AMINE, 8-METHYL-
UPDT:8402 MW: 231.30 MOLFM: C10-H9-N5-S
SYN: 8-METHYL-10H-PYRIDO(3,2-b)PYRIMIDO(4,5-e)(1,4)THIAZIN-4-AMINE
TOXICITY DATA AND REFERENCES:
3F17J25U26 ipr-mus LD50:30 mg/kg EJMCA5 12,249,77

UV1173150 10H-PYRIDO(2,3-b)PYRIMIDO(4,5-e)(1,4)THIAZINE-2,4-DIAMINE, 7-METHOXY-
UPDT:8402 MW: 262.32 MOLFM: C10-H10-N6-O-S
SYN: 7-METHOXY-10H-PYRIDO(2,3-b)PYRIMIDO(4,5-e)(1,4)THIAZINE-2,4-DIAMINE
TOXICITY DATA AND REFERENCES:
3F17J25U26 ipr-mus LD50:300 mg/kg EJMCA5 12,249,77

UV1173200 10H-PYRIDO(3,2-b)PYRIMIDO(4,5-e)(1,4)THIAZINE-2,4-DIAMINE, 8-METHYL-
UPDT:8402 CAS: 63931-09-9 MW: 246.32 MOLFM: C10-H10-N6-S
SYN: 2,4-DIAMINO-8-METHYL-1,3,9-TRIAZAPHENOTHIAZINE * 8-METHYL-10H-PYRIDO(3,2-b)PYRIMIDO(4,5-e)(1,4)THIAZINE-2,4-DIAMINE
TOXICITY DATA AND REFERENCES:
3F17J25U26 ipr-mus LD50:213 mg/kg EJMCA5 12,249,77

UV1173250 1H-PYRIDO(3,2-b)PYRIMIDO(4,5-e)(1,4)THIAZIN-4(10H)-ONE, 2-AMINO-8-METHYL-
UPDT:8402 MW: 247.30 MOLFM: C10-H9-N5-O-S
SYN: 2-AMINO-8-METHYL-1H-PYRIDO(3,2-b)PYRIMIDO(4,5-e)(1,4)THIAZIN-4(10H)-ONE
TOXICITY DATA AND REFERENCES:
3F17J25U26 ipr-mus LD50:34 mg/kg EJMCA5 12,249,77

UV1173300 5H-PYRIDO(3',4':4,5)PYRROLO(2,3-g)ISOQUINOLINE, 6,11-DIMETHYL-
UPDT:8312 CAS: 65222-36-8 MW: 247.32 MOLFM: C16-H13-N3
SYN: 6,11-DIMETHYL-5H-PYRIDO(3',4':4,5)PYRROLO(2,3-g)ISOQUINOLINE
MUTATION DATA AND REFERENCES:
dnd-mam:lym 17 umol/L BUCABS 67,9,80

5H-PYRIDO(3',4':4,5)PYRROLO(2,3-g)ISOQUINOLINE, 1,2-PROPANEDIOL deriv. see: TZ0576000
5H-PYRIDO(3',4':4,5)PYRROLO(2,3-g)ISOQUINOLINE, 1,3-PROPANEDIAMINE deriv., DIHYDRATE see: TX7001000
5H-PYRIDO(3',4':4,5)PYRROLO(2,3-g)ISOQUINOLINE, 2-PROPANOL deriv., TRIMALEATE see: UR1765800

UV1176100 5H-PYRIDO(3',4':4,5)PYRROLO(2,3-g)ISOQUINOLINIUM, 2,6,9,11-TETRAMETHYL-
UPDT:8312 CAS: 69221-44-9 MW: 277.40 MOLFM: C18-H19-N3

SYN: 2,6,9,11-TETRAMETHYL-5H-PYRIDO(3',4':4,5)PYRROLO(2,3-g)ISOQUINOLINIUM
MUTATION DATA AND REFERENCES:
dnd-mam:lym 17 umol/L BUCABS 67,9,80

5H-PYRIDO(3',4':4,5)PYRROLO(2,3-g)ISOQUINOLIN-10-OL, 6-METHYL- see: UV1176200

UV1176200 10H-PYRIDO(3',4':4,5)PYRROLO(2,3-g)ISOQUINOLIN-10-ONE, 5,9-DIHYDRO-6-METHYL-
UPDT:8312 CAS: 69022-45-3 MW: 249.29 MOLFM: C15-H11-N3-O
SYN: 5,9-DIHYDRO-6-METHYL-10H-PYRIDO(3',4':4,5)PYRROLO(2,3-g)ISOQUINOLIN-10-ONE * 5H-PYRIDO(3',4':4,5)PYRROLO(2,3-g)ISOQUINOLIN-10-OL, 6-METHYL-
MUTATION DATA AND REFERENCES:
dnd-mam:lym 17 umol/L BUCABS 67,9,80

UV1176500 11H-PYRIDO(2,1-b)QUINAZOLIN-11-ONE, 2-AMINO-
UPDT:8311 MW: 211.24 MOLFM: C12-H9-N3-O
SYN: 2-AMINO-11H-PYRIDO(2,1-b)QUINAZOLIN-11-ONE * 2-APQ
MUTATION DATA AND REFERENCES:
mmo-sat 200 ug/plate MUREAV 117,225,83
mma-sat 200 ng/plate MUREAV 117,225,83
mmo-ssp 600 umol/L MUREAV 117,225,83
mma-ssp 600 umol/L MUREAV 117,225,83
cyt-mus-ipr 150 mg/kg/5D-I MUREAV 117,225,83
cyt-mus-orl 225 mg/kg/5D-I MUREAV 117,225,83

UV1177000 PYRIDO(3,2-g)QUINOLINE-1(2H)CARBOXALDEHYDE, 8,9-DIHYDRO-6,9-DIMETHYL-2,8-DIOXO- 4-(HYDROXYMETHYL)-, ACETATE
UPDT:8308 CAS: 5978-63-2 MW: 340.36 MOLFM: C18-H16-N2-O5
SYN: NYBOMYCIN ACETATE
TOXICITY DATA AND REFERENCES:
2F07F33 ipr-mus LD50:200 mg/kg ANTCAO 8,631,58

UV1178000 PYRIDO(3,2-g)QUINOLINE-1(2H)CARBOXALDEHYDE, 8,9-DIHYDRO-4-(HYDROXYMETHYL)-6,9-DIMETHYL- 2,8-DIOXO-
UPDT:8309 CAS: 1872-37-3 MW: 298.32 MOLFM: C16-H14-N2-O4
SYN: 6,11-DIMETHYL-8-(HYDROXYMETHYL)PYRIDO(3,2-g)OXAZOLO(5,4,3-ij)QUINOLINE-4,10(2H,11H)-DIONE * NYBOMYCIN
TOXICITY DATA AND REFERENCES:
2F07F33 ipr-mus LD50:650 mg/kg ANTCAO 8,631,58

PYRIDOSTIGMINE BROMIDE see: UU5270000

UV1197000 2H-PYRIDO(3,2-e)(1,3)THIAZINE-6-CARBOXYLIC ACID, 3,4-DIHYDRO-2-(ALLYLIMINO)-3,7-DIMETHYL- 4-OXO-, ETHYL ESTER
UPDT:8303 MW: 319.41 MOLFM: C15-H17-N3-O3-S
TOXICITY DATA AND REFERENCES:
2H01H05 ipr-mus LD50:552 mg/kg FRPSAX 37,247,82

UV1198000 2H-PYRIDO(3,2-e)(1,3)THIAZINE-5-CARBOXYLIC ACID, 3,4-DIHYDRO-2-(ALLYLIMINO)-7-METHYL- 4-OXO-, METHYL ESTER
UPDT:8303 MW: 291.35 MOLFM: C13-H13-N3-O3-S
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:710 mg/kg FRPSAX 37,266,82

UV1198100 2H-PYRIDO(3,2-e)(1,3)THIAZINE-6-CARBOXYLIC ACID, 3,4-DIHYDRO-2-(BUTYLIMINO)-3,7-DIMETHYL- 4-OXO-, ETHYL ESTER
UPDT:8303 MW: 335.46 MOLFM: C16-H21-N3-O3-S
TOXICITY DATA AND REFERENCES:
1F25 ipr-mus LD50:552 mg/kg FRPSAX 37,247,82

UV1198200 2H-PYRIDO(3,2-e)(1,3)THIAZINE-5-CARBOXYLIC ACID, 3,4-DIHYDRO-2-(BUTYLIMINO)-3,7-DIMETHYL- 4-OXO-, METHYL ESTER
UPDT:8303 MW: 321.43 MOLFM: C15-H19-N3-O3-S
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:710 mg/kg FRPSAX 37,266,82

UV1198300 2H-PYRIDO(3,2-e)(1,3)THIAZINE-6-CARBOXYLIC ACID, 3,4-DIHYDRO-3,7-DIMETHYL-2,4-DIOXO-, ETHYL ESTER
UPDT:8303 MW: 280.32 MOLFM: C12-H12-N2-O4-S
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:550 mg/kg FRPSAX 37,247,82

UV1198400 2H-PYRIDO(3,2-e)(1,3)THIAZINE-6-CARBOXYLIC ACID, 3,4-DIHYDRO-3,7-DIMETHYL-2-(METHYLIMINO)- 4-OXO-, ETHYL ESTER
UPDT:8303 MW: 293.37 MOLFM: C13-H15-N3-O3-S
TOXICITY DATA AND REFERENCES:
1F25 ipr-mus LD50:552 mg/kg FRPSAX 37,247,82

UV1198500 2H-PYRIDO(3,2-e)(1,3)THIAZINE-5-CARBOXYLIC ACID, 3,4-DIHYDRO-3,7-DIMETHYL-2-(METHYLIMINO)- 4-OXO-, METHYL ESTER
UPDT:8303 MW: 278.35 MOLFM: C13-H14-N2-O3-S
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:710 mg/kg FRPSAX 37,266,82

UV1198600 2H-PYRIDO(3,2-e)(1,3)THIAZINE-5-CARBOXYLIC ACID, 3,4-DIHYDRO-3,7-DIMETHYL-2-(PROPYLIMINO)- 4-OXO-, METHYL ESTER
UPDT:8303 MW: 307.40 MOLFM: C14-H17-N3-O3-S
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:710 mg/kg FRPSAX 37,266,82

UV1198700 2H-PYRIDO(3,2-e)(1,3)THIAZINE-6-CARBOXYLIC ACID, 3,4-DIHYDRO-2-(METHYLIMINO)-7-METHYL- 4-OXO-, ETHYL ESTER
UPDT:8303 MW: 279.34 MOLFM: C12-H13-N3-O3-S
TOXICITY DATA AND REFERENCES:
2F02H05 ipr-mus LD50:552 mg/kg FRPSAX 37,247,82

UV1198800 2H-PYRIDO(3,2-e)(1,3)THIAZINE-5-CARBOXYLIC ACID, 3,4-DIHYDRO-2-(METHYLIMINO)-7-METHYL- 4-OXO-, METHYL ESTER
UPDT:8303 MW: 265.31 MOLFM: C11-H11-N3-O3-S
TOXICITY DATA AND REFERENCES:
1F02 ipr-rat LD50:710 mg/kg FRPSAX 37,266,82

UV1200000 12H-PYRIDO(2,3-a)THIENO(2,3-i)CARBAZOLE
UPDT:8401 CAS: 240-39-1 MW: 274.35 MOLFM: N2-S-C17-H10
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-mus TDLo:72 mg/kg/9W-I CHDDAT 271,1474,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UV1200300 4H-PYRIDO(2,3-f)(1,2,4)TRIAZOLO(4,3-a)(1,4)DIAZEPINE, 8-CHLORO-6-(2-CHLOROPHENYL)-
UPDT:8305 CAS: 64098-32-4 MW: 330.19 MOLFM: C15-H9-Cl2-N5
SYN: 8-CHLORO-6-(o-CHLOROPHENYL)-4H-PYRIDO(2,3-f)-s-TRIAZOLO(4,3-a)(1,4)DIAZEPINE * 8-CHLORO-6-(2-CHLOROPHENYL)-4H-PYRIDO(2,3-f)(1,2,4)TRIAZOLO(4,3-a)(1,4)DIAZEPINE * D-13.129 * ZAPIZOLAM
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:48500 ug/kg DRFUD4 7,831,82
* ivn-dog LD50:79 mg/kg DRFUD4 7,831,82

PYRIDOXIN see: UV1300000
PYRIDOXIN-5'-DISULFID DIHYDROCHLORID HYDRAT (German) see: UT4900000
PYRIDOXINE see: UV1300000
PYRIDOXINE, HYDROCHLORIDE see: UV1350000
PYRIDOXINIUM CHLORIDE see: UV1350000

UV1300000 PYRIDOXOL
UPDT:8406 CAS: 65-23-6 MW: 169.20 MOLFM: C8-H11-N-O3
SYN: BEESIX * ADERMINE * GRAVIDOX * HYDOXIN * 3-HYDROXY-4,5-DIMETHYLOL-alpha-PICOLINE * 5-HYDROXY-6-METHYL-3,4-PYRIDINEDIMETHANOL * 2-METHYL-4,5-BIS(HYDROXYMETHYL)-3-HYDROXYPYRIDINE * 2-METHYL-3-HYDROXY-4,5-BIS(HYDROXYMETHYL)PYRIDINE * 2-METHYL-3-HYDROXY-4,5-DIHYDROXYMETHYL-PYRIDIN (German) * 2-METHYL-3-HYDROXY-4,5-DI(HYDROXYMETHYL)PYRIDINE * 2-PICOLINE-4,5-DIMETHANOL, 3-HYDROXY- * PRIDOXINE * 3,4-PYRIDINEDIMETHANOL, 5-HYDROXY-6-METHYL- * PYRIDOXIN * PYRIDOXINE * VITAMIN B6
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4000 mg/kg PSEBAA 43,116,40
scu-rat LD50:3100 mg/kg PSEBAA 43,116,40
ivn-rat LD50:657 mg/kg PSEBAA 44,147,40
ipr-mus LD50:966 mg/kg FATOAO 40(3),371,77
ivn-mus LD50:1364 mg/kg ARZNAD 10,683,60
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UV1350000 PYRIDOXOL HYDROCHLORIDE
UPDT:8411 CAS: 58-56-0 MW: 205.66 MOLFM: C8-H11-N-O3 Cl-H
SYN: ADERMINE HYDROCHLORIDE * BECILAN * BENADON * CAMPOVITON 6 * HEXABETALIN * HEXABIONE HYDROCHLORIDE * HEXAVIBEX * HEXERMIN * HEXOBION * 3-HYDROXY-4,5-DIMETHYLOL-alpha-PICOLINE HYDROCHLORIDE * 5-HYDROXY-6-METHYL-3,4-PYRIDINEDICARBINOL HYDROCHLORIDE * 5-HYDROXY-6-METHYL-3,4-PYRIDINEDIMETHANOL HYDROCHLORIDE * 2-METHYL-3-HYDROXY-4,5-BIS(HYDROXYMETHYL)PYRIDINE HYDROCHLORIDE * 3,4-PYRIDINEDIMETHANOL, 5-HYDROXY-6-METHYL-, HYDROCHLORIDE * PYRIDIPCA * PYRIDOXINE, HYDROCHLORIDE * PYRIDOXINIUM CHLORIDE * VITAMIN B6 HYDROCHLORIDE
MUTATION DATA AND REFERENCES:
sce-hmn:lym 2 mg/L MUREAV 124,175,83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T17 orl-wmn TDLo:2 mg/kg (38W preg) APSVAM 72,525,83
1T17 ims-wmn TDLo:2 mg/kg (38W preg) APSVAM 72,525,83
2T41T83 orl-rat TDLo:8040 ug/kg (14W pre-12D post) JONUAI 104,111,74
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4000 mg/kg ARZNAD 11,922,61
ivn-rat LD50:530 mg/kg ARZNAD 11,922,61
orl-mus LD50:5500 mg/kg ARZNAD 11,922,61
scu-mus LD50:2450 mg/kg ARZNAD 11,922,61
ivn-mus LD50:660 mg/kg ARZNAD 11,922,61
orl-cat LDLo:1000 mg/kg ARZNAD 11,922,61
ivn-cat LD50:560 mg/kg ARZNAD 11,922,61
ims-cat LD50:500 mg/kg ARZNAD 11,922,61
ivn-rbt LD50:464 mg/kg ARZNAD 11,922,61
ivn-pgn LD50:145 mg/kg ARZNAD 11,922,61
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRIDOXOL compd. with 7-(2-HYDROXYETHYL)THEOPHYLLINE HYDROGEN SULFATE see: UO8430000
PYRIDROL see: TN0420000
PYRIDROL see: TN0875000
PYRIDROLE see: TN0420000
4-(PYRIDYL-2-AMIDOSULFONYL)-3'-CARBOXY-4'-HYDROXYAZOBENZENE see: VO6250000
alpha-PYRIDYLAMINE see: US1575000
2-PYRIDYLAMINE see: US1575000
3-PYRIDYLAMINE see: US1650000
4-PYRIDYLAMINE see: US1750000
1-(2-PYRIDYL)-2-BENZIMIDAZOLINONE see: DE2138000
2-PYRIDYLBENZYLCARBINOL see: UT4715000
N(sup 1)-alpha-PYRIDYL-N(sup 1)-BENZYL-N,N-DIMETHYL ETHYLENEDIAMINE MONOHYDROCHLORIDE see: US3150000
3-PYRIDYLCARBONITRILE see: QT3030000
3-(2-PYRIDYL)-6-CHLOROBENZIMIDAZOLIN-2-ONE see: DE1812000
1-(PYRIDYL-3-)-3,3-DIAETHYL-TRIAZEN (German) see: XY0495000
m-PYRIDYL-DIETHYL-TRIAZENE see: XY0495000
1-PYRIDYL-3,3-DIETHYLTRIAZENE see: XY0495000
1-(3-PYRIDYL)-3,3-DIETHYLTRIAZENE see: XY0495000
1 (PYRIDYL-3)-3,3-DIETHYLTRIAZENE see: XY0495000
1-(PYRIDYL-3)-3,3-DIMETHYL-TRIAZEN (German) see: XY2275000
1-(meta-PYRIDYL)-3,3-DIMETHYL-TRIAZENE see: XY2275000
2,4-PYRIMIDINEDIOL see: YQ8650000
1-(PYRIDYL-3)-3,3-DIMETHYL-TRIAZENE see: XY2275000
2-(2-PYRIDYL)ETHANETHIOAMIDE see: UR8520000
(2-(2-PYRIDYL)ETHYL)METHYLAMINE see: UT5552000
N-(2-(2-PYRIDYL)ETHYL)-PHTHALIMIDE HYDROCHLORIDE see: TI5638400
5(4)-3'-PYRIDYL-GLYOXALINE see: UT4396500
4-(3-PYRIDYL)IMIDAZOLE see: UT4396500
alpha-(3-PYRIDYL)-3-INDOLEMETHANOL see: NL9495500 3-INDOLEMETHANOL, alpha-(3-PYRIDYL)-
2'-(((3-PYRIDYLMETHYL)AMINO)OXALYL)BENZANILIDE see: CV8760000
2-PYRIDYLMETHYLCHLORIDE HYDROCHLORIDE see: US6825000
2-(2-PYRIDYLMETHYL)CYCLOPENTANONE see: GY5168000
2-(3-PYRIDYLMETHYL)CYCLOPENTANONE see: GY5168010
2-(4-PYRIDYLMETHYL)CYCLOPENTANONE see: GY5168020
2-(2-PYRIDYLMETHYL)CYCLOPENTANONE SEMICARBAZONE see: GY5168500
S-2-PYRIDYLMETHYL DISODIUM PHOSPHOROTHIOATE see: TG2944000
S-2-PYRIDYLMETHYL DISODIUM PHOSPHOROTHIOATE 1-OXIDE see: TG2945000
2-(2-PYRIDYLMETHYLENE)-3,4-DIHYDRO-1(2H)-NAPHTHALENONE see: QK5054000
2-(3-PYRIDYLMETHYLENE)-3,4-DIHYDRO-1(2H)-NAPHTHALENONE see: QK5054010
4,4'-(2-PYRIDYLMETHYLENE)DIPHENOL BIS(HYDROGEN SULFATE) (ester) DISODIUM DIHYDRATE see: SM8739000
4,4'-(2-PYRIDYLMETHYLENE)DIPHENOL BIS(HYDROGEN SULFATE) (ester) DISODIUM HYDRATE see: SM8740000
4,4'-(2-PYRIDYLMETHYLENE)DIPHENOLBIS(HYDROGEN SULFATE) (ESTER) DISODIUM SALT see: SM8720000
2-(3-PYRIDYLMETHYLENE)1-INDANONE see: NK7538500
2-PYRIDYLMETHYL MERCAPTAN see: UT4676000
2-PYRIDYLMETHYL 2-(p-(2-METHYLPROPYL)PHENYL)PROPIONATE see: CY1678800
3-PYRIDYLMETHYL NICOTINATE MONOFUMARATE see: QT2030000
N-3-PYRIDYLMETHYL-N'-p-NITROPHENYLUREA see: YT9690000
1-(3-PYRIDYLMETHYL)-3-(4-NITROPHENYL)UREA see: YT9690000
beta-PYRIDYL-alpha-N-METHYLPYRROLIDINE see: QS5250000
1-(PYRIDYL-3-N-OXID)-3,3-DIMETHYL-TRIAZEN (German) see: XY2300000
1-(PYRIDYL-3-N-OXIDE)-3,3-DIMETHYLTRIAZENE see: XY2300000
N-(2-PYRIDYL)-N-(1-(beta-PHENYLAETHYL)-4-PIPERIDYL)-PROPIONAMID HCl (German) see: UE4529100
N-(3-PYRIDYL)-N-(1-(beta-PHENYLAETHYL)-4-PIPERIDYL)-PROPIONAMID HCl (German) see: UE4529150
N-(4-PYRIDYL)-N-(1-(beta-PHENYLAETHYL)-4-PIPERIDYL)-PROPIONAMID HCl (German) see: UE4529250
4-(4-PYRIDYL)-1-PIPERAZINEACETIC ACID cis-(2-OXO-3-INDOLINYLIDENE)HYDRAZIDE see: TK7908700
2-(3'-PYRIDYL) PIPERIDINE see: BV4375000
(-)-2-(3'-PYRIDYL)PIPERIDINE see: BV4375000
4-(4-PYRIDYL)PYRIDINE see: DW1760000

2-(3-PYRIDYL)PYRROLIDINE see: QS6405000
N-(2-(2-PYRIDYLSULFAMOYL)ETHYL)NICOTINAMIDE see: QS4484700
5-(4-(2-PYRIDYLSULFAMOYL)PHENYLAZO)-2-HYDROXYBENZOIC ACID see: VO6250000
5-(p-(2-PYRIDYLSULFAMOYL)PHENYLAZO)SALICYLIC ACID see: VO6250000
N-2-PYRIDYLSULFANILAMIDE see: DA9625000
N(sup 1)-2-PYRIDYLSULFANILAMIDE see: DA9625000
N(sup 1)-2-PYRIDYLSULFANILAMIDE SODIUM SALT see: WD7175000
N-(alpha-PYRIDYL)-N-(alpha-THENYL)-N',N'-DIMETHYLETHYLENEDIAMINE see: UT1400000
N-(alpha-PYRIDYL)-N-(beta-THENYL)-N',N'-DIMETHYLETHYLENEDIAMINE see: UT1575000
2-(2-PYRIDYL)-4-THIAZOLACETIC ACID see: XJ1923000
N-(2-PYRIDYL)-N-(2-THIENYL)-N,N'-DIMETHYL-ETHYLENEDIAMINE HYDROCHLORIDE see: UT1750000
2-PYRIDYLTHIOACETAMIDE see: UR8520000
2-(2-PYRIDYL)THIOACETAMIDE see: UR8520000
PYRIL see: PB1300000
PYRILAMINE see: UT0875000
PYRILAMINE see: UT0875000
PYRILAMINE MALEATE see: UT1225000
PYRIMAL see: WP1925000
PYRIMAL M see: WP0750000
PYRIMETHAMINE see: UV8140000
PYRIMETHAMINE see: UV8180000

UV6261000 2-PYRIMIDINAMINE, N-(1-METHYLETHYL)-, DICHLOROACETATE
UPDT:8408 CAS: 65567-05-7 MW: 265.14 MOLFM: C7-H11-N3 C2-H-Cl2-O2
SYN: 2-ISOPROPYLAMINOPYRIMIDINE DICHLOROACETATE * N-(1-METHYLETHYL)-2-PYRIMIDINAMINE DICHLOROACETATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:630 mg/kg USXXAM #4073895
* ipr-mus LD50:1700 mg/kg USXXAM #4073895

UV6261100 2-PYRIMIDINAMINE, N-(1-METHYLETHYL)-, PHOSPHATE (1:1)
UPDT:8408 CAS: 64571-05-7 MW: 235.21 MOLFM: C7-H11-N3 H3-O4-P
SYN: ISAXONINE PHOSPHATE * ISAXORINE * 2-ISOPROPYLAMINOPYRIMIDINE ORTHOPHOSPHATE * N-(1-METHYLETHYL)-2-PYRIMIDINAMINE PHOSPHATE * NERFACTOR
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2830 mg/kg USXXAM #4073895
* ipr-mus LD50:1530 mg/kg USXXAM #4073895

UV6261500 2-PYRIMIDINAMINE, 4-(2-(1-METHYL-5-NITRO-1H-IMIDAZOL-2-YL)ETHENYL)-, (E)-
UPDT:8405 CAS: 62973-76-6 MW: 246.26 MOLFM: C10-H10-N6-O2
SYN: (E)-2-AMINO-4-(2-(1-METHYL-5-NITROIMIDAZOL-2-YL)VINYL)PYRIMIDINE * AZANIDAZOLE * F-4 * 4-((E)-2-(1-METHYL-5-NITRO-1H-IMIDAZOL-2-YL)-AETHENYL)-2-PYRIMIDINAMIN (German) * 4-((E)-2-(1-METHYL-5-NITRO-1H-IMIDAZOL-2-YL)-ETHENYL)-2-PYRIMIDINAMINE * NITROMIDINE * PYRIMIDINE, 2-AMINO-4-((E)-2-(1-METHYL-5-NITRO-1H-IMIDAZOL-2-YL)ETHENYL)- * TRICLOSE
MUTATION DATA AND REFERENCES:
mmo-sat 18 umol/L TCMUD8 3,51,83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rbt TDLo:1430 mg/kg (6-18D preg) ARZNAD 28,2251,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:7600 mg/kg ARZNAD 28,2251,78
ipr-rat LD50:860 mg/kg ARZNAD 28,2251,78
orl-mus LD50:5100 mg/kg ARZNAD 28,2251,78
ipr-mus LD50:590 mg/kg ARZNAD 28,2251,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UV6264720 5-PYRIMIDINEACETIC ACID, 2-(p-ETHOXYBENZYL)-4-HYDROXY-6-METHYL-, ETHYL ESTER
UPDT:8407 MW: 330.42 MOLFM: C18-H22-N2-O4
SYN: 2-(p-ETHOXYBENZYL)-4-HYDROXY-6-METHYL-5-PYRIMIDINEACETIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
1V30 unk-mus LDLo:3750 mg/kg PCJOAU 11,1304,77

UV6309000 2-PYRIMIDINEACETIC ACID, 4-OXO-alpha,alpha,6-TRIMETHYLTHIO-
UPDT:8309 MW: 212.29 MOLFM: C9-H12-N2-O2-S
SYN: ISOTIRAN * 4-METHYL-6-OXYPYRIMIDIN-2-alpha-THIOISOBUTYRIC ACID * 4-METIL-6-OSSIPIRIMIDIN-2-alpha-TIOISOBUTIRRICO (Italian) * 4-OXO-alpha,alpha,6-TRIMETHYLTHIO-2-PYRIMIDINEACETIC ACID
TOXICITY DATA AND REFERENCES:
1J30 ipr-rat LD50:2380 mg/kg FRPSAX 13,882,58
1J30 ipr-mus LD50:650 mg/kg FRPSAX 13,882,58

UV6309100 2-PYRIMIDINEACETIC ACID, 4-OXO-alpha,alpha,6-TRIMETHYLTHIO-, DIETHYLAMINOETHYL ESTER
UPDT:8309 MW: 310.48 MOLFM: C15-H24-N3-O2-S
SYN: ESTERE DIETILAMINOETILICO dell Ac. 4-METIL-6-OSSIPIRIMIDIN-2-alpha-TIOISOBUTIRRICO (Italian) * GA 025 * 4-OXO-alpha,alpha,6-TRIMETHYLTHIO-2-PYRIMIDINEACETIC ACID DIETHYLAMINOETHYL ESTER
TOXICITY DATA AND REFERENCES:
1J30 ivn-rat LD50:875 mg/kg FRPSAX 13,882,58
1J30 ipr-mus LD50:5500 mg/kg FRPSAX 13,882,58

UV6309150 2-PYRIMIDINEACETIC ACID, 4-OXO-alpha,alpha,6-TRIMETHYLTHIO-, DIMETHYLAMINOETHYL ESTER
UPDT:8309 MW: 282.42 MOLFM: C13-H20-N3-O2-S
SYN: ESTERE DIMETILAMINOETILICO dell Ac. 4-METIL-6-OSSIPIRIMIDIN-2-alpha-TIOISOBUTIRRICO * GA 026 * 4-OXO-alpha,alpha,6-TRIMETHYLTHIO-2-PYRIMIDINEACETIC ACID DIMETHYLAMINOETHYL ESTER
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:7000 mg/kg FRPSAX 13,882,58

UV6309200 2-PYRIMIDINEACETIC ACID, 4-OXO-alpha,alpha,6-TRIMETHYLTHIO-, ETHYL ESTER
UPDT:8309 MW: 239.34 MOLFM: C11-H15-N2-O2-S
SYN: ESTERE ETILICO dell Ac. 4-METIL-6-OSSIPIRIMIDIN-2-alpha-TIOISOBUTIRRICO (Italian) * GA 050 * 4-OXO-alpha,alpha,6-TRIMETHYLTHIO-2-PYRIMIDINEACETIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:1780 mg/kg FRPSAX 13,882,58

UV6309300 2-PYRIMIDINEACETIC ACID, 4-OXO-alpha,alpha,6-TRIMETHYLTHIO-, METHYL ESTER
UPDT:8309 MW: 225.31 MOLFM: C10-H13-N2-O2-S
SYN: STERE METILICO dell Ac. 4-METIL-6-OSSIPIRIMIDIN-2-alpha-TIOISOBUTIRRICO (Italian) * GA 051 * 4-OXO-alpha,alpha,6-TRIMETHYLTHIO-2-PYRIMIDINEACETIC ACID METHYL ESTER
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:2250 mg/kg FRPSAX 13,882,58

UV6309500 1(2H)-PYRIMIDINEACETIC ACID, TETRAHYDRO-5-ETHYL-5-PHENYL-2,4,6-TRIOXO-, 2-DIMETHYLAMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8408 MW: 397.90 MOLFM: C18-H23-N3-O5 Cl-H
SYN: 1-(2-DIMETHYLAMINOETHOXYCARBONYLMETHYL)-5-ETHYL-5-PHENYLBARBITURIC ACID HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F18F21 scu-mus LD50:1050 mg/kg YKKZAJ 81,851,61

UV6328700 PYRIMIDINE, 5-AMINO-4,6-BIS(1-AZIRIDINYL)-2-PHENYL-
UPDT:8305 MW: 253.34 MOLFM: C14-H15-N5
SYN: 5-AMINO-4,6-BIS-ETHYLENEIMINO-2-PHENYLPYRIMIDINE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 5 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 5 mg/kg BJPCAL 6,357,51

UV6329200 PYRIMIDINE, 4-AMINO-5-BUTYL-6-CHLORO-2-METHYL-
UPDT:8303 MW: 199.71 MOLFM: C9-H14-Cl-N3
SYN: 4-AMINO-5-BUTYL-6-CHLORO-2-METHYLPYRIMIDINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:402 mg/kg CPBTAL 11,495,63

UV6329550 PYRIMIDINE, 4-AMINO-6-CHLORO-2,5-DIMETHYL-
UPDT:8307 CAS: 18260-92-9 MW: 157.62 MOLFM: C6-H8-Cl-N3
SYN: 4-AMINO-6-CHLORO-2,5-DIMETHYLPYRIMIDINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:339 mg/kg CPBTAL 11,495,63

UV6329560 PYRIMIDINE, 4-AMINO-6-CHLORO-5-HEXYL-2-METHYL-
UPDT:8303 MW: 227.77 MOLFM: C11-H18-Cl-N3
SYN: 4-AMINO-6-CHLORO-5-HEXYL-2-METHYLPYRIMIDINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:441 mg/kg CPBTAL 11,495,63

UV6329800 PYRIMIDINE, 4-AMINO-6-CHLORO-2-METHYL-6-OCTYL-
UPDT:8303 MW: 255.83 MOLFM: C13-H22-Cl-N3
SYN: 4-AMINO-6-CHLORO-2-METHYL-6-OCTYLPYRIMIDINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:473 mg/kg CPBTAL 11,495,63

UV6329900 PYRIMIDINE, 4-AMINO-6-CHLORO-2-METHYL-5-PENTYL-
UPDT:8303 MW: 213.74 MOLFM: C10-H16-Cl-N3
SYN: 4-AMINO-6-CHLORO-2-METHYL-5-PENTYLPYRIMIDINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:423 mg/kg CPBTAL 11,495,63

UV6340000 PYRIMIDINE, 4-AMINO-6-CHLORO-2-METHYL-5-PROPYL-
UPDT:8303 MW: 185.68 MOLFM: C8-H12-Cl-N3
SYN: 4-AMINO-6-CHLORO-2-METHYL-5-PROPYLPYRIMIDINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:381 mg/kg CPBTAL 11,495,63

UV6380000 PYRIMIDINE, 2-AMINO-4-(2-DIBUTYLAMINOETHOXY)-
UPDT:8303 MW: 266.44 MOLFM: C14-H26-N4-O
SYN: 2-AMINO-4-DIBUTYLAMINOETHOXYPYRIMIDINE * 2-AMINO-4-(2-DIBUTYLAMINOETHOXY)PYRIMIDINE * OR 1550
TOXICITY DATA AND REFERENCES:
3F12J25K01 orl-rat LD50:1000 mg/kg AIPTAK 106,50,56
3F12J25K01 ipr-rat LD50:75 mg/kg AIPTAK 106,50,56
3F12J25K01 ipr-mus LD50:157 mg/kg AIPTAK 106,50,56
3F12J25K01 ivn-mus LD50:44 mg/kg AIPTAK 106,50,56
3F12J25K01 orl-dog LD50:450 mg/kg AIPTAK 106,50,56
3F12J25K01 ivn-dog LD50:35 mg/kg AIPTAK 106,50,56
3F12J25K01 orl-rbt LD50:1260 mg/kg AIPTAK 106,50,56
3F12J25K01 ivn-rbt LD50:46 mg/kg AIPTAK 106,50,56

UV6385000 PYRIMIDINE, 2-AMINO-4-(2-DI-sec-BUTYLAMINOETHOXY)-
UPDT:8303 MW: 266.44 MOLFM: C14-H26-N4-O
SYN: 2-AMINO-4-DI-sec-BUTYLAMINOETHOXYPYRIMIDINE * OR-6280
TOXICITY DATA AND REFERENCES:
3F12J25K01 ipr-rat LD50:20 mg/kg AIPTAK 106,50,56

UV6390000 PYRIMIDINE, 2-AMINO-4-(2-DIETHYLAMINOETHOXY)-
UPDT:8303 MW: 210.32 MOLFM: C10-H18-N4-O
SYN: 2-AMINO-4-DIETHYLAMINOETHOXYPYRIMIDINE * 2-AMINO-4-(2-DIETHYLAMINOETHOXY)PYRIMIDINE * OR-1556
TOXICITY DATA AND REFERENCES:
3F12J25K01 orl-rat LD50:2000 mg/kg AIPTAK 106,50,56
3F12J25K01 ipr-rat LD50:75 mg/kg AIPTAK 106,50,56
3F12J25K01 ipr-mus LD50:252 mg/kg AIPTAK 106,50,56
3F12J25K01 ivn-mus LD50:174 mg/kg AIPTAK 106,50,56
3F12J25K01 orl-dog LD50:2750 mg/kg AIPTAK 106,50,56
3F12J25K01 ivn-dog LD50:165 mg/kg AIPTAK 106,50,56
3F12J25K01 orl-rbt LD50:875 mg/kg AIPTAK 106,50,56
3F12J25K01 ivn-rbt LD50:174 mg/kg AIPTAK 106,50,56

UV6400000 PYRIMIDINE, 2-AMINO-4-(gamma-DIETHYLAMINOPROPYLAMINO)-5,6-DIMETHYL-
UPDT:8407 CAS: 63731-93-1 MW: 251.43 MOLFM: C13-H25-N5
SYN: 2-AMINO-4-gamma-DIETHYLAMINOPROPYLAMINO-5,6-DIMETHYLPYRIMIDINE
TOXICITY DATA AND REFERENCES:
orl-mus LDLo:250 mg/kg JCSOA9 -,357,46

UV6420000 PYRIMIDINE, 2-AMINO-4-(2-DIISOBUTYLAMINOETHOXY)-
UPDT:8303 MW: 266.44 MOLFM: C14-H26-N4-O
SYN: 2-AMINO-4-DI-ISOBUTYLAMINOETHOXYPYRIMIDINE * 2-AMINO-4-(2-DIISOBUTYLAMINOETHOXY)PYRIMIDINE * OR-1578
TOXICITY DATA AND REFERENCES:
3F12J25K01 ipr-rat LD50:800 mg/kg AIPTAK 106,50,56
3F12J25K01 ipr-mus LD50:762 mg/kg AIPTAK 106,50,56
3F12J25K01 ivn-mus LD50:72 mg/kg AIPTAK 106,50,56
3F12J25K01 orl-dog LD50:2500 mg/kg AIPTAK 106,50,56
3F12J25K01 ivn-dog LD50:75 mg/kg AIPTAK 106,50,56
3F12J25K01 orl-rbt LD50:2000 mg/kg AIPTAK 106,50,56
3F12J25K01 ivn-rbt LD50:16 mg/kg AIPTAK 106,50,56

UV6430000 PYRIMIDINE, 2-AMINO-4-(2-DIMETHYLAMINOETHOXY)-
UPDT:8303 MW: 182.26 MOLFM: C8-H14-N4-O
SYN: 2-AMINO-4-DIMETHYLAMINOETHOXYPYRIMIDINE * 2-AMINO-4-(2-DIMETHYLAMINOETHOXY)PYRIMIDINE * OR-1549
TOXICITY DATA AND REFERENCES:
3F12J25K01 orl-rat LD50:1500 mg/kg AIPTAK 106,50,56
3F12J25K01 ipr-rat LD50:75 mg/kg AIPTAK 106,50,56
3F12J25K01 ipr-mus LD50:478 mg/kg AIPTAK 106,50,56
3F12J25K01 ivn-mus LD50:252 mg/kg AIPTAK 106,50,56
3F12J25K01 orl-dog LD50:1500 mg/kg AIPTAK 106,50,56
3F12J25K01 ivn-dog LD50:450 mg/kg AIPTAK 106,50,56
3F12J25K01 orl-rbt LD50:3750 mg/kg AIPTAK 106,50,56
3F12J25K01 ivn-rbt LD50:440 mg/kg AIPTAK 106,50,56

UV6440000 PYRIMIDINE, 2-AMINO-4-(2-DIOCTYLAMINOETHOXY)-
UPDT:8303 MW: 378.68 MOLFM: C22-H42-N4-O
SYN: 2-AMINO-4-DI-OCTYLAMINOETHOXYPYRIMIDINE * 2-AMINO-4-(2-DIOCTYLAMINOETHOXY)PYRIMIDINE * OR-6206
TOXICITY DATA AND REFERENCES:
3F12J25K01 ipr-rat LD50:500 mg/kg AIPTAK 106,50,56

UV6450000 PYRIMIDINE, 4-AMINO-5-(ETHOXYMETHYL)-2-METHYL-
UPDT:8408 CAS: 73-66-5 MW: 167.24 MOLFM: C8-H13-N3-O
SYN: 4-AMINO-5-(ETHOXYMETHYL)-2-METHYLPYRIMIDINE * 2-METHYL-4-AMINO-5-ETHOXYMETHYLPYRIMIDINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1450 mg/kg 85GMAT -,81,82
* orl-mus LD50:239 mg/kg 85GMAT -,81,82

PYRIMIDINE, 2-AMINO-4-((E)-2-(1-METHYL-5-NITRO-1H-IMIDAZOL-2-YL)ETHENYL)- see: UV6261500
PYRIMIDINE, 2-(4-(1,3-BENZODIOXOL-5-YLMETHYL)-1-PIPERAZINYL)-, MONOMETHANESULFONATE (9CI) see: UV9707500

UV6820000 PYRIMIDINE, 2-(BENZYL(2-(DIETHYLAMINO)ETHYL)AMINO)-4-METHYL-
UPDT:8305 MW: 298.48 MOLFM: C18-H26-N4
SYN: 2-(BENZYL(2-(DIETHYLAMINO)ETHYL)AMINO)-4-METHYLPYRIMIDINE
TOXICITY DATA AND REFERENCES:
3F07F12J30 ipr-mus LD50:60 mg/kg AIPTAK 123,419,60

UV6820010 PYRIMIDINE, 4-(BENZYL(2-(DIETHYLAMINO)ETHYL)AMINO)-6-METHYL-
UPDT:8305 MW: 298.48 MOLFM: C18-H26-N4
SYN: 4-(BENZYL(2-(DIETHYLAMINO)ETHYL)AMINO)-6-METHYLPYRIMIDINE
TOXICITY DATA AND REFERENCES:
2F12J30 ipr-mus LD50:155 mg/kg AIPTAK 123,419,60

UV7000000 PYRIMIDINE, 2-(BENZYL(2-DIMETHYLAMINO)ETHYL)AMINO)-, HYDROCHLORIDE
UPDT:8406 CAS: 5929-07-7 MW: 292.85 MOLFM: C15-H20-N4 Cl-H
SYN: 2-(BENZYL((2-DIMETHYLAMINO)ETHYL)AMINO)PYRIMIDINE HYDROCHLORIDE * HETRAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F07F12F17 ipr-mus LD50:76 mg/kg JPETAB 90,224,47

UV7020000 PYRIMIDINE, 2-(BENZYL(2-(DIMETHYLAMINO)ETHYL)AMINO)-4-METHYL-
UPDT:8305 MW: 270.42 MOLFM: C16-H22-N4
SYN: 2-(BENZYL(2-(DIMETHYLAMINO)ETHYL)AMINO)-4-METHYLPYRIMIDINE
TOXICITY DATA AND REFERENCES:
3F07F12J30 ipr-mus LD50:50 mg/kg AIPTAK 123,419,60

UV7020010 PYRIMIDINE, 4-(BENZYL(2-(DIMETHYLAMINO)ETHYL)AMINO)-6-METHYL-
UPDT:8305 MW: 270.42 MOLFM: C16-H22-N4
SYN: 4-(BENZYL(2-(DIMETHYLAMINO)ETHYL)AMINO)-6-METHYLPYRIMIDINE
TOXICITY DATA AND REFERENCES:
2F12J30 ipr-mus LD50:80 mg/kg AIPTAK 123,419,60

UV7055000 PYRIMIDINE, 2-((1-BENZYL-4-PIPERIDYL)AMINO)-
UPDT:8310 MW: 268.40 MOLFM: C16-H20-N4
SYN: 2-((1-BENZYL-4-PIPERIDYL)AMINO)PYRIMIDINE
TOXICITY DATA AND REFERENCES:
2F17F18 orl-mus LD50:1000 mg/kg FRPSAX 35,951,80
2F17F18 ipr-mus LD50:300 mg/kg FRPSAX 35,951,80

UV7058000 PYRIMIDINE, 2-(N-(1-BENZYL-4-PIPERIDYL)ETHYLAMINO)-, DIHYDROCHLORIDE
UPDT:8310 MW: 369.38 MOLFM: C18-H24-N4 2Cl-H
SYN: 2-(N-(1-BENZYL-4-PIPERIDYL)ETHYLAMINO)PYRIMIDINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3D16F17H20 orl-mus LD50:1000 mg/kg FRPSAX 35,951,80
3D16F17H20 ipr-mus LD50:300 mg/kg FRPSAX 35,951,80

UV7060000 PYRIMIDINE, 2-(N-(1-BENZYL-4-PIPERIDYL)METHYLAMINO)-
UPDT:8310 MW: 282.43 MOLFM: C17-H22-N4
SYN: 2-(N-(1-BENZYL-4-PIPERIDYL)METHYLAMINO)PYRIMIDINE
TOXICITY DATA AND REFERENCES:
3F13F17F18 ipr-mus LD50:1000 mg/kg FRPSAX 35,951,80

UV7062000 PYRIMIDINE, 4,4'-(4,4'-BIPYRIDINE-1,1'-DIYL)BIS(2,6-DIAMINO-, 1,1'-DIOXIDE
UPDT:8303 MW: 416.56 MOLFM: C18-H28-N10-O2
SYN: 4,4'-(4,4'-BIPYRIDINE-1,1'-DIYL)BIS(2,6-DIAMINOPYRIMIDINE 1-OXIDE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:420 mg/kg BCFAAI 121,16,82

UV7063000 PYRIMIDINE, 4-(1,4'-BIPYRIDIN-1'-YL)-2,6-DIAMINO-, 1-OXIDE, DIHYDROCHLORIDE HEMIHYDRATE
UPDT:8303 MW: 374.31 MOLFM: C14-H24-N6-O 2Cl-H 1/2H2-O
SYN: 4-(1,4'-BIPYRIDIN-1'-YL)-2,6-DIAMINOPYRIMIDINE 1-OXIDE DIHYDROCHLORIDE HEMIHYDRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:19[illegible] mg/kg BCFAAI 121,16,82

UV7065000 PYRIMIDINE, 2,4-BIS(1-AZIRIDINYL)-6-CHLORO-
UPDT:8305 CAS: 2482-80-6 MW: 196.66 MOLFM: C8-H9-Cl-N4
SYN: AETHIMIDINIUM * 2,4-BIS(1-AZIRIDINYL)-6-CHLOROPYRIMIDINE * 4-CHLORO-2,6-BIS-ETHYLENEIMINOPYRIMIDINE * ETHYMIDINE * ETIMIDIN
MUTATION DATA AND REFERENCES:
oms-rat-ipr 2500 ug/kg BJPCAL 6,357,51
cyt-rat-ipr 2500 ug/kg BJPCAL 6,357,51
TOXICITY DATA AND REFERENCES:
3D40K13V30 ivn-rat LDLo:15 mg/kg PMDCAY 8,61,71
3D40K13V30 ivn-mus LDLo:15 mg/kg PMDCAY 8,61,71
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

UV7071000 PYRIMIDINE, 2,4-BIS(1-AZIRIDINYL)-6-CHLORO-5-PHENYL-
UPDT:8305 MW: 272.76 MOLFM: C14-H13-Cl-N4
SYN: 2,4-BIS(1-AZIRIDINYL)-6-CHLORO-5-PHENYLPYRIMIDINE * 4-CHLORO-2,6-BIS-ETHYLENEIMINO-5-PHENYLPYRIMIDINE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 5 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 5 mg/kg BJPCAL 6,357,51

UV7071300 PYRIMIDINE, 4,6-BIS(1-AZIRIDINYL)-2-(p-CHLOROPHENYL)-5-NITRO-
UPDT:8305 MW: 317.76 MOLFM: C14-H12-Cl-N5-O2
SYN: 4,6-BIS(1-AZIRIDINYL)-2-(p-CHLOROPHENYL)-5-NITROPYRIMIDINE * 5-NITRO-4,6-BIS-ETHYLENEIMINO-2-p-CHLOROPHENYLPYRIMIDINE
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 200 mg/kg BJPCAL 6,357,51

UV7073000 PYRIMIDINE, 2,4-BIS(1-AZIRIDINYL)-6-ETHOXY-
UPDT:8305 MW: 206.28 MOLFM: C10-H14-N4-O
SYN: 2,4-BIS(1-AZIRIDINYL)-6-ETHOXYPYRIMIDINE * 2,4-BIS-ETHYLENEIMINO-6-ETHOXYPYRIMIDINE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 500 ug/kg BJPCAL 6,357,51
cyt-rat-ipr 500 ug/kg BJPCAL 6,357,51

UV7073400 PYRIMIDINE, 4,6-BIS(1-AZIRIDINYL)-2-(4-ETHOXY-3-NITROPHENYL)-5-NITRO-
UPDT:8305 MW: 372.38 MOLFM: C16-H16-N6-O5
SYN: 4,6-BIS(1-AZIRIDINYL)-2-(4-ETHOXY-3-NITROPHENYL)-5-NITROPYRIMIDINE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 1 gm/kg BJPCAL 6,357,51
cyt-rat-ipr 1 gm/kg BJPCAL 6,357,51

UV7074000 PYRIMIDINE, 2,4-BIS(1-AZIRIDINYL)-6-ISOPROPOXY-
UPDT:8305 MW: 220.31 MOLFM: C11-H16-N4-O
SYN: 2,4-BIS(1-AZIRIDINYL)-6-ISOPROPOXYPYRIMIDINE * 2,4-BIS-ETHYLENEIMINO-6-ISOPROPOXYPYRIMIDINE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 1250 ug/kg BJPCAL 6,357,51
cyt-rat-ipr 1250 ug/kg BJPCAL 6,357,51

UV7076000 PYRIMIDINE, 2,4-BIS(1-AZIRIDINYL)-6-METHOXY-
UPDT:8305 MW: 192.25 MOLFM: C9-H12-N4-O
SYN: 2,4-BIS(1-AZIRIDINYL)-6-METHOXYPYRIMIDINE * 2,4-BIS-ETHYLENEIMINO-6-METHOXYPYRIMIDINE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 1250 ug/kg BJPCAL 6,357,51
cyt-rat-ipr 1250 ug/kg BJPCAL 6,357,51

UV7076300 PYRIMIDINE, 4,6-BIS(1-AZIRIDINYL)-2-(4-METHOXY-3-NITROPHENYL)-5-NITRO-
UPDT:8305 MW: 358.35 MOLFM: C15-H14-N6-O5
SYN: 4,6-BIS(1-AZIRIDINYL)-2-(4-METHOXY-3-NITROPHENYL)-5-NITROPYRIMIDINE * 3,5-DINITRO-4,6-BIS-ETHYLENEIMINO-2-p-ANISYLPYRIMIDINE
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 25 mg/kg BJPCAL 6,357,51

UV7077000 PYRIMIDINE, 4,6-BIS(1-AZIRIDINYL)-2-METHYL-5-NITRO-
UPDT:8305 MW: 221.25 MOLFM: C9-H11-N5-O2
SYN: 5-NITRO-4,6-BIS-ETHYLENEIMINO-2-METHYLPYRIMIDINE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 10 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 10 mg/kg BJPCAL 6,357,51

UV7078000 PYRIMIDINE, 4,6-BIS(1-AZIRIDINYL)-2-(2-NAPHTHYL)-
UPDT:8305 MW: 288.38 MOLFM: C18-H16-N4
SYN: 4,6-BIS(1-AZIRIDINYL)-2-(2-NAPHTHYL)PYRIMIDINE * 4,6-BIS-ETHYLENEIMINO-2-beta-NAPHTHYLPYRIMIDINE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 5 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 5 mg/kg BJPCAL 6,357,51

UV7078400 PYRIMIDINE, 4,6-BIS(1-AZIRIDINYL)-2-(1-NAPHTHYL)-5-NITRO-
UPDT:8305 MW: 333.38 MOLFM: C18-H15-N5-O2
SYN: 4,6-BIS(1-AZIRIDINYL)-2-(1-NAPHTHYL)-5-NITROPYRIMIDINE * 5-NITRO-4,6-BIS-ETHYLENEIMINO-2-beta-NAPHTHYLPYRIMIDINE
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 1 gm/kg BJPCAL 6,357,51

UV7079000 PYRIMIDINE, 2,4-BIS(1-AZIRIDINYL)-5-NITRO-
UPDT:8305 MW: 207.22 MOLFM: C8-H9-N5-O2
SYN: 2,4-BIS(1-AZIRIDINYL)-5-NITROPYRIMIDINE * 5-NITRO-2,4-BIS-ETHYLENEIMINOPYRIMIDINE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 10 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 10 mg/kg BJPCAL 6,357,51

UV7079010 PYRIMIDINE, 4,6-BIS(1-AZIRIDINYL)-5-NITRO-
UPDT:8305 MW: 207.22 MOLFM: C8-H9-N5-O2
SYN: 4,6-BIS(1-AZIRIDINYL)-5-NITROPYRIMIDINE * 5-NITRO-4,6-BIS-ETHYLENEIMINOPYRIMIDINE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 50 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 50 mg/kg BJPCAL 6,357,51

UV7079500 PYRIMIDINE, 4,6-BIS(1-AZIRIDINYL)-5-NITRO-2-PHENYL-
UPDT:8305 MW: 283.32 MOLFM: C14-H13-N5-O2
SYN: 4,6-BIS(1-AZIRIDINYL)-5-NITRO-2-PHENYLPYRIMIDINE * 5-NITRO-4,6-BIS-ETHYLENEIMINO-2-PHENYLPYRIMIDINE
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 750 mg/kg BJPCAL 6,357,51

UV7080000 PYRIMIDINE, 4,6-BIS(1-AZIRIDINYL)-2-PHENYL-
UPDT:8305 MW: 238.32 MOLFM: C14-H14-N4
SYN: 4,6-BIS(1-AZIRIDINYL)-2-PHENYLPYRIMIDINE * 4,6-BIS-ETHYLENEIMINO-2-PHENYLPYRIMIDINE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 10 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 10 mg/kg BJPCAL 6,357,51

UV7150000 PYRIMIDINE, 2-((p-BROMOBENZYL)(2-(DIETHYLAMINO)ETHYL)AMINO)-4-METHYL-
UPDT:8305 MW: 377.38 MOLFM: C18-H25-Br-N4
SYN: 2-((p-BROMOBENZYL)(2-(DIETHYLAMINO)ETHYL)AMINO)-4-METHYLPYRIMIDINE
TOXICITY DATA AND REFERENCES:
3F07F12J30 ipr-mus LD50:160 mg/kg AIPTAK 123,419,60

UV7150050 PYRIMIDINE, 4-((p-BROMOBENZYL)(2-(DIETHYLAMINO)ETHYL)AMINO)-6-METHYL-
UPDT:8305 MW: 377.38 MOLFM: C18-H25-Br-N4
SYN: 4-((p-BROMOBENZYL)(2-(DIETHYLAMINO)ETHYL)AMINO)-6-METHYLPYRIMIDINE
TOXICITY DATA AND REFERENCES:
2F12J30 ipr-mus LD50:160 mg/kg AIPTAK 123,419,60

UV7150200 PYRIMIDINE, 2-((p-BROMOBENZYL)(2-(DIMETHYLAMINO)ETHYL)AMINO)-4-METHYL-
UPDT:8305 MW: 349.32 MOLFM: C16-H21-Br-N4
SYN: 2-((p-BROMOBENZYL)(2-(DIMETHYLAMINO)ETHYL)AMINO)-4-METHYLPYRIMIDINE
TOXICITY DATA AND REFERENCES:
3F07F12J30 ipr-mus LD50:120 mg/kg AIPTAK 123,419,60

UV7150250 PYRIMIDINE, 4-((p-BROMOBENZYL)(2-(DIMETHYLAMINO)ETHYL)AMINO)-6-METHYL
UPDT:8305 MW: 349.32 MOLFM: C16-H21-Br-N4
SYN: 4-((p-BROMOBENZYL)(2-(DIMETHYLAMINO)ETHYL)AMINO)-6-METHYLPYRIMIDINE
TOXICITY DATA AND REFERENCES:
2F12J30 ipr-mus LD50:135 mg/kg AIPTAK 123,419,60

UV7160000 PYRIMIDINE, 5-((5-BROMO-6-METHOXY-3-PYRIDYL)METHYL)-2,4-DIAMINO-
UPDT:8407 CAS: 65873-68-9 MW: 310.19 MOLFM: C11-H12-Br-N5-O
SYN: 5-((5-BROMO-6-METHOXY-3-PYRIDYL)METHYL)-2,4-DIAMINOPYRIMIDINE * 2,4-DIAMINO-5-((5-BROM-6-METHOXY-3-PYRIDYL)METHYL)-PYRIMIDIN (German) * 2,4-PYRIMIDINEDIAMINE, 5-((5-BROMO-6-METHOXY-3-PYRIDINYL)METHYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:1250 mg/kg EJMCAS 12,531,77

UV7700100 5-PYRIMIDINECARBOXALDEHYDE, 1,2,3,4-TETRAHYDRO-1-(2-DEOXY-beta-D-RIBOFURANOSYL)-2,4-DIOXO-
UPDT:8311 MW: 256.24 MOLFM: C10-H12-N2-O6
SYN: 5-FORMYL-2'-DEOXYURIDINE * 1,2,3,4-TETRAHYDRO-1-(2-DEOXY-beta-D-RIBOFURANOSYL)-2,4-DIOXO-5-PYRIMIDINECARBOXALDEHYDE
MUTATION DATA AND REFERENCES:
sce-hmn:lng 500 mg/L MUREAV 117,317,83

UV7700200 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-(2-(BENZYLETHYLAMINO)ETHYL)-4-METHOXY-
UPDT:8303 MW: 329.45 MOLFM: C17-H23-N5-O2
SYN: 2-AMINO-N-(2-(BENZYLETHYLAMINO)ETHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
1F21 ipr-mus LD50:330 mg/kg EJMCAS 17,437,82

UV7700400 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-(1-BENZYL-3-PIPERIDYL)-4-METHOXY-
UPDT:8303 MW: 341.46 MOLFM: C18-H23-N5-O2
SYN: 2-AMINO-N-(1-BENZYL-3-PIPERIDYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:72 mg/kg EJMCAS 17,437,82

UV7700600 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-(1-BENZYL-4-PIPERIDYL)-4-METHOXY-
UPDT:8303 CAS: 72412-43-2 MW: 341.46 MOLFM: C18-H23-N5-O2
SYN: 2-AMINO-N-(1-BENZYL-4-PIPERIDYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
1F21 ipr-mus LD50:500 mg/kg EJMCAS 17,437,82

UV7700700 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-(1-BENZYL-3-PYRROLIDINYL)-4-METHOXY-, OXALATE
UPDT:8307 MW: 417.47 MOLFM: C17-H21-N5-O2 C2-H2-O4
SYN: 2-AMINO-N-(1-BENZYL-3-PYRROLIDINYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE OXALATE
TOXICITY DATA AND REFERENCES:
1F21 ipr-mus LD50:150 mg/kg EJMCAS 17,437,82

UV7700800 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-((1-BENZYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-
UPDT:8303 CAS: 72412-48-7 MW: 341.46 MOLFM: C18-H23-N5-O2
SYN: 2-AMINO-N-((1-BENZYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
1F21 ipr-mus LD50:180 mg/kg EJMCAS 17,437,82

UV7701200 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-((1-BUTYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-
UPDT:8303 CAS: 72412-49-8 MW: 307.45 MOLFM: C15-H25-N5-O2

SYN: 2-AMINO-N-((1-BUTYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:110 mg/kg EJMCA5 17,437,82

UV7701400 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-((1-CYCLOHEXYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-

UPDT:8303 MW: 333.49 MOLFM: C17-H27-N5-O2

SYN: 2-AMINO-N-((1-CYCLOHEXYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:130 mg/kg EJMCA5 17,437,82

UV7701600 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-(2-(DIETHYLAMINO)ETHYL)-4-METHOXY-

UPDT:8303 CAS: 72429-53-9 MW: 267.38 MOLFM: C12-H21-N5-O2

SYN: 2-AMINO-N-(2-(DIETHYLAMINO)ETHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:650 mg/kg EJMCA5 17,437,82

UV7701800 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-(2-(DIETHYLAMINO)PROPYL)-4-METHOXY-

UPDT:8303 MW: 281.41 MOLFM: C13-H23-N5-O2

SYN: 2-AMINO-N-(2-(DIETHYLAMINO)PROPYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:240 mg/kg EJMCA5 17,437,82

UV7702000 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-(3-(DIETHYLAMINO)PROPYL)-4-METHOXY-

UPDT:8303 MW: 281.41 MOLFM: C13-H23-N5-O2

SYN: 2-AMINO-N-(3-(DIETHYLAMINO)PROPYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:230 mg/kg EJMCA5 17,437,82

UV7702200 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-(2-(DIMETHYLAMINO)ETHYL)-4-METHOXY-

UPDT:8303 MW: 239.32 MOLFM: C10-H17-N5-O2

SYN: 2-AMINO-N-(2-(DIMETHYLAMINO)ETHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:600 mg/kg EJMCA5 17,437,82

UV7702400 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-(3-(DIMETHYLAMINO)PROPYL)-4-METHOXY-

UPDT:8303 MW: 253.35 MOLFM: C11-H19-N5-O2

SYN: 2-AMINO-N-(3-(DIMETHYLAMINO)PROPYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:800 mg/kg EJMCA5 17,437,82

UV7702600 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-4-ETHOXY-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-

UPDT:8303 MW: 293.42 MOLFM: C14-H23-N5-O2

SYN: 2-AMINO-4-ETHOXY-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

1F21 ipr-mus LD50:150 mg/kg EJMCA5 17,437,82

UV7702800 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-4-ETHOXY-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-, (R)-(+)-

UPDT:8303 MW: 293.42 MOLFM: C14-H23-N5-O2

SYN: (R)-(+)-2-AMINO-4-ETHOXY-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

1F21 ipr-mus LD50:170 mg/kg EJMCA5 17,437,82

UV7703000 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-4-ETHOXY-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-, (S)-(-)

UPDT:8303 MW: 293.42 MOLFM: C14-H23-N5-O2

SYN: (S)-(-)-2-AMINO-4-ETHOXY-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:170 mg/kg EJMCA5 17,437,82

UV7703200 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-(1-ETHYL-3-PIPERIDYL)-4-METHOXY-

UPDT:8303 MW: 279.39 MOLFM: C13-H21-N5-O2

SYN: 2-AMINO-N-(1-ETHYL-3-PIPERIDYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:600 mg/kg EJMCA5 17,437,82

UV7703400 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-(1-ETHYL-4-PIPERIDYL)-4-METHOXY-

UPDT:8303 MW: 279.39 MOLFM: C13-H21-N5-O2

SYN: 2-AMINO-N-(1-ETHYL-4-PIPERIDYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:300 mg/kg EJMCA5 17,437,82

UV7703600 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-((1-ETHYL-2-PIPERIDYL)METHYL)-4-METHOXY-

UPDT:8303 MW: 293.42 MOLFM: C14-H23-N5-O2

SYN: 2-AMINO-N-((1-ETHYL-2-PIPERIDINYL)METHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:280 mg/kg EJMCA5 17,437,82

UV7703800 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-

UPDT:8303 MW: 249.36 MOLFM: C12-H19-N5-O

SYN: 2-AMINO-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:300 mg/kg EJMCA5 17,437,82

UV7704000 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-ISOPROPOXY-

UPDT:8303 MW: 307.45 MOLFM: C15-H25-N5-O2

SYN: 2-AMINO-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-ISOPROPOXY-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:170 mg/kg EJMCA5 17,437,82

UV7704200 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-

UPDT:8303 CAS: 72412-36-3 MW: 279.39 MOLFM: C13-H21-N5-O2

SYN: 2-AMINO-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHYL-5-PYRIMIDINECARBOXAMIDE * 2-(2-AMINO-4-METHOXY-5-PYRIMIDINYL CARBOXAMIDOMETHYL)-1-ETHYLPYRROLIDINE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:550 mg/kg EJMCA5 17,437,82

1F21 ipr-mus LD50:300 mg/kg EJMCA5 17,437,82

UV7704400 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-, (S)-(-)-

UPDT:8303 MW: 279.39 MOLFM: C13-H21-N5-O2

SYN: (S)-(-)-2-AMINO-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-5-PYRIMIDINECARBOXYLIC ACID

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:155 mg/kg EJMCA5 17,437,82

UV7704600 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-PROPOXY-

UPDT:8303 MW: 307.45 MOLFM: C15-H25-N5-O2

SYN: 2-AMINO-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-PROPOXY-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:150 mg/kg EJMCA5 17,437,82

UV7704800 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-((1-ISOPROPYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-

UPDT:8303 MW: 293.42 MOLFM: C14-H23-N5-O2

SYN: 2-AMINO-N-((1-ISOPROPYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:110 mg/kg EJMCA5 17,437,82

UV7705000 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-4-METHOXY-N-((1-METHYL-2-PIPERIDYL)METHYL)-

UPDT:8303 MW: 279.39 MOLFM: C13-H21-N5-O2

SYN: 2-AMINO-4-METHOXY-N-((1-METHYL-2-PIPERIDYL)METHYL)-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:400 mg/kg EJMCA5 17,437,82

UV7705200 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-4-METHOXY-N-((1-METHYL-2-PYRROLIDINYL)METHYL)-

UPDT:8303 MW: 265.36 MOLFM: C12-H19-N5-O2

SYN: 2-AMINO-4-METHOXY-N-((1-METHYL-2-PYRROLIDINYL)METHYL)-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:225 mg/kg EJMCA5 17,437,82

UV7705400 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-4-METHOXY-N-((1-PHENETHYL-2-PYRROLIDINYL)METHYL)-

UPDT:8303 MW: 355.49 MOLFM: C19-H25-N5-O2

SYN: 2-AMINO-4-METHOXY-N-((1-PHENETHYL-2-PYRROLIDINYL)METHYL)-5-PYRROLIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:85 mg/kg EJMCA5 17,437,82

UV7705600 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-4-METHOXY-N-((1-PROPYL-2-PYRROLIDINYL)METHYL)-

UPDT:8303 MW: 293.42 MOLFM: C14-H23-N5-O2

SYN: 2-AMINO-4-METHOXY-N-((1-PROPYL-2-PYRROLIDINYL)METHYL)-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:180 mg/kg EJMCA5 17,437,82

UV7705800 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-4-METHOXY-N-(2-(1-PYRROLIDINYL)ETHYL)-

UPDT:8303 MW: 265.36 MOLFM: C12-H19-N5-O2

SYN: 2-AMINO-4-METHOXY-N-(2-(1-PYRROLIDINYL)ETHYL)-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:600 mg/kg EJMCA5 17,437,82

UV7706000 5-PYRIMIDINECARBOXAMIDE, 2-AMINO-N-((1-METHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-, (R)-(+)-

UPDT:8303 MW: 279.39 MOLFM: C13-H21-N5-O2

SYN: (R)-(+)-2-AMINO-N-((1-METHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:210 mg/kg EJMCA5 17,437,82

UV7706400 5-PYRIMIDINECARBOXAMIDE, N-(1-BENZYL-4-PIPERIDYL)-2-(DIMETHYLAMINO)-4-METHOXY-, MONOHYDROCHLORIDE

UPDT:8303 MW: 405.98 MOLFM: C20-H27-N5-O2 · Cl-H

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:25 mg/kg EJMCA5 17,437,82

UV7706600 5-PYRIMIDINECARBOXAMIDE, N-(1-BENZYL-4-PIPERIDYL)-4-METHOXY-

UPDT:8303 CAS: 72412-47-6 MW: 326.44 MOLFM: C18-H22-N4-O2

SYN: N-(1-BENZYL-4-PIPERIDYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

1F21 ipr-mus LD50:125 mg/kg EJMCA5 17,437,82

UV7706800 5-PYRIMIDINECARBOXAMIDE, N-(1-BENZYL-4-PIPERIDYL)-4-METHOXY-2-(METHYLAMINO)-

UPDT:8303 CAS: 72412-04-5 MW: 355.49 MOLFM: C19-H25-N5-O2

SYN: N-(1-BENZYL-4-PIPERIDYL)-4-METHOXY-2-(METHYLAMINO)-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

1F21 ipr-mus LD50:70 mg/kg EJMCA5 17,437,82

UV7707000 5-PYRIMIDINECARBOXAMIDE, N-(1-BENZYL-4-PIPERIDYL)-4-METHOXY-2-METHYL-, MALEATE

UPDT:8303 CAS: 72412-54-5 MW: 456.55 MOLFM: C19-H24-N4-O2 · C4-H4-O4

SYN: N-(1-BENZYL-4-PIPERIDYL)-4-METHOXY-2-METHYL-5-PYRIMIDINECARBOXAMIDE MALEATE

TOXICITY DATA AND REFERENCES:

1F21 ipr-mus LD50:150 mg/kg EJMCA5 17,437,82

UV7707200 5-PYRIMIDINECARBOXAMIDE, N-((1-BENZYL-2-PYRROLIDINYL)METHYL)-2-(DIMETHYLAMINO)-4-METHOXY-, DIHYDROCHLORIDE

UPDT:8303 MW: 442.44 MOLFM: C20-H27-N5-O2 · 2Cl-H

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:115 mg/kg EJMCA5 17,437,82

UV7707400 5-PYRIMIDINECARBOXAMIDE, N-((1-BENZYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-, DIHYDROCHLORIDE, HYDRATE

UPDT:8303 MW: 417.38 MOLFM: C18-H22-N4-O2 · 2Cl-H · H2-O

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:260 mg/kg EJMCA5 17,437,82

UV7707600 5-PYRIMIDINECARBOXAMIDE, N-((1-BENZYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-2-(METHYLAMINO)-, DIHYDROCHLORIDE

UPDT:8303 MW: 428.41 MOLFM: C19-H25-N5-O2 · 2Cl-H

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:105 mg/kg EJMCA5 17,437,82

UV7707800 5-PYRIMIDINECARBOXAMIDE, N-((1-BENZYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-2-METHYL-, MALEATE, HYDRATE (2:3:2)

UPDT:8303 MW: 532.55 MOLFM: C19-H24-N4-O2 · 3/2C4-H4-O4 · H2-O

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:140 mg/kg EJMCA5 17,437,82

UV7714000 1(2H)-PYRIMIDINECARBOXAMIDE, 3,4-DIHYDRO-2,4-DIOXO-5-FLUORO-N-HEXYL-

UPDT:8408 MW: 257.30 MOLFM: C11-H16-F-N3-O3

SYN: 2,4-DIOXO-5-FLUORO-N-HEXYL-3,4-DIHYDRO-1(2H)-PYRIMIDINECARBOXAMIDE * HCFU * 1-HEXYLCARBAMOYL-5-FLUOROURACIL * URACIL, 5-FLUORO-1-HEXYLCARBAMOYL-

MUTATION DATA AND REFERENCES:

cyt-mus-orl 400 mg/kg OYYAA2 19,363,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T31T34T46 orl-rat TDLo:275 mg/kg (7-17D preg) KSRNAM 14,1373,80

1T24 orl-rat TDLo:110 mg/kg (7-17D preg) KSRNAM 14,1373,80

1T81 orl-rat TDLo:550 mg/kg (7-17D preg) KSRNAM 14,1373,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UV7714050 5-PYRIMIDINECARBOXAMIDE, 2-(DIMETHYLAMINO)-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-

UPDT:8303 CAS: 72418-37-2 MW: 307.45 MOLFM: C15-H25-N5-O2

SYN: 2-(DIMETHYLAMINO)-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:130 mg/kg EJMCA5 17,437,82

UV7714100 5-PYRIMIDINECARBOXAMIDE, 4-ETHOXY-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-2-METHYL-

UPDT:8303 MW: 292.43 MOLFM: C15-H24-N4-O2

SYN: 4-ETHOXY-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-2-METHYL-5-PYRIMIDINECARBOXAMIDE

TOXICITY DATA AND REFERENCES:

1F21 ipr-mus LD50:170 mg/kg EJMCA5 17,437,82

UV7714150 5-PYRIMIDINECARBOXAMIDE, 4-ETHOXY-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-2-METHYL-, FUMARATE (2:3), (S)-(-)-

UPDT:8303 CAS: 72442-43-4 MW: 466.50 MOLFM: C15-H24-N4-O2 · 3/2C4-H4-O4

---

* TOXICITY DATA HAVE NOT BEEN EVALUATED

OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY

TOXICITY DATA AND REFERENCES:
1F21 ipr-mus LD50:175 mg/kg EJMCA5 17,437,82

UV7714200 5-PYRIMIDINECARBOXAMIDE, 4-ETHOXY-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-2-METHYL-, FUMARATE (2:5), (R)-(+)-
UPDT:8303 MW: 582.57 MOLFM: C15-H24-N4-O2 .5/2C4-H4-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:230 mg/kg EJMCA5 17,437,82

UV7714250 5-PYRIMIDINECARBOXAMIDE, 2-ETHYL-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-, FUMARATE (2:3)
UPDT:8303 MW: 466.50 MOLFM: C15-H24-N4-O2 .3/2C4-H4-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:140 mg/kg EJMCA5 17,437,82

UV7714300 5-PYRIMIDINECARBOXAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-ISOPROPOXY-2-METHYL-, FUMARATE (2:1)
UPDT:8303 CAS: 72412-09-0 MW: 364.46 MOLFM: C16-H26-N4-O2 .1/2C4-H4-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:170 mg/kg EJMCA5 17,437,82

UV7714350 5-PYRIMIDINECARBOXAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-2-METHYL-
UPDT:8303 CAS: 72412-52-3 MW: 278.40 MOLFM: C14-H22-N4-O2
SYN: N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-2-METHYL-5-PYRIMIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg EJMCA5 17,437,82

UV7714400 5-PYRIMIDINECARBOXAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-2-METHYL-, (R)-(+)-
UPDT:8303 MW: 278.40 MOLFM: C14-H22-N4-O2
SYN: (R)-(+)-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-2-METHYL-5-PYRIMIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:220 mg/kg EJMCA5 17,437,82

UV7714450 5-PYRIMIDINECARBOXAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-2-METHYL-, (S)-(-)
UPDT:8303 MW: 278.40 MOLFM: C14-H22-N4-O2
SYN: (S)-(-)-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-2-METHYL-5-PYRIMIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
1F21 ipr-mus LD50:200 mg/kg EJMCA5 17,437,82

UV7714500 5-PYRIMIDINECARBOXAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-, MONOHYDROCHLORIDE
UPDT:8303 CAS: 72412-44-3 MW: 300.83 MOLFM: C13-H20-N4-O2 .Cl-H
SYN: N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-5-PYRIMIDINECARBOXAMIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F21 ipr-mus LD50:300 mg/kg EJMCA5 17,437,82

UV7714550 5-PYRIMIDINECARBOXAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-4-METHOXY-2-PROPYL-, FUMARATE, (2:3)
UPDT:8303 CAS: 72412-13-6 MW: 480.51 MOLFM: C16-H26-N4-O2 .3/2C4-H4-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg EJMCA5 17,437,82

UV7714600 5-PYRIMIDINECARBOXAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-2-METHYL-4-PROPOXY-
UPDT:8303 CAS: 72412-07-8 MW: 306.46 MOLFM: C16-H26-N4-O2
SYN: N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-2-METHYL-4-PROPOXY-5-PYRIMIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
1F21 ipr-mus LD50:170 mg/kg EJMCA5 17,437,82

UV7714650 5-PYRIMIDINECARBOXAMIDE, 4-METHOXY-2-(METHYLAMINO)-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-
UPDT:8303 CAS: 72412-05-6 MW: 293.42 MOLFM: C14-H23-N5-O2
SYN: 4-METHOXY-2-(METHYLAMINO)-N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-PYRIDINECARBOXAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:110 mg/kg EJMCA5 17,437,82

UV7714800 1-PYRIMIDINECARBOXAMIDE, 1,2,3,4-TETRAHYDRO-2,4-DIOXO-5-FLUORO-N-HEXYL-
UPDT:8305 MW: 259.32 MOLFM: C11-H18-F-N3-O3
SYN: CARMOFUR * 2,4-DIOXO-5-FLUORO-N-HEXYL-1,2,3,4-TETRAHYDRO-1-PYRIMIDINECARBOXAMIDE * 1-HEXYLCARBAMOYL-5-FLUOROURACIL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:268 mg/kg NIIRDN 6,191,82
* ipr-rat LD50:93 mg/kg NIIRDN 6,191,82
* scu-rat LD50:260 mg/kg NIIRDN 6,191,82
* orl-mus LD50:1260 mg/kg NIIRDN 6,191,82
* ipr-mus LD50:96 mg/kg NIIRDN 6,191,82
* scu-mus LD50:532 mg/kg NIIRDN 6,191,82
* orl-dog LD50:65 mg/kg NIIRDN 6,191,82
* orl-rbt LD50:55 mg/kg NIIRDN 6,191,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UV7717000 5-PYRIMIDINECARBOXYLIC ACID, 1-(5-(2-AMINO-2-DEOXY-L-XYLONAMIDO)-5-((2-CARBOXY-3-ETHYLIDENE- 1-AZETIDINYL)CARBONYL)-5-DEOXY-beta-D-RIBOFURANOSYL)-1,2,3,4-TETRAHYDRO-2,4-DIOXO-, MONOCARBAMATE (ester)
UPDT:8309 CAS: 23116-76-9 MW: 630.59 MOLFM: C23-H30-N6-O15
SYN: POLYOXIN F
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg 85GDA2 5,248,81

UV7717100 5-PYRIMIDINECARBOXYLIC ACID, 1-(5-(2-AMINO-2-DEOXY-L-XYLONAMIDO)-5-DEOXY-beta- D-ALLOFURANURONOSYL)-1,2,3,4-TETRAHYDRO-2,4-DIOXO-, MONOCARBAMATE (ester)
UPDT:8309 CAS: 22976-86-9 MW: 521.45 MOLFM: C17-H23-N5-O14
SYN: POLYOXIN D
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg 85GDA2 5,247,81

UV7717200 5-PYRIMIDINECARBOXYLIC ACID, 1-(5-(2-AMINO-2-DEOXY-L-XYLONAMINO)-5-DEOXY-beta-D- ALLOFURANURONOSYL)-1,2,3,4-TETRAHYDRO-2,4-DIOXO-, MONOCARBAMATE (ester), ZINC SALT
UPDT:8403 CAS: 33401-46-6 MW: 819.04 MOLFM: C17-H23-N5-O4 .xZn
SYN: POLYOXIN D, ZINC SALT
MUTATION DATA AND REFERENCES:
mmo-sat 5 ug/plate MUREAV 116,185,83
mmo-sat 5 mg/plate MUREAV 116,185,83

UV7718000 4-PYRIMIDINECARBOXYLIC ACID, 6-AMINO-2-HYDROXY-5-METHYL-
UPDT:8309 CAS: 20865-52-5 MW: 181.17 MOLFM: C7-H7-N3-O3
SYN: 6-AMINO-2-HYDROXY-5-METHYL-4-PYRIMIDINECARBOXYLIC ACID * 2-HYDROXY-6-AMINO-5-METHYL-4-CARBOXY PYRIMIDINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#04719

4-PYRIMIDINECARBOXYLIC ACID, 1,2,3,6-TETRAHYDRO-2,6-DIOXO- (9CI) see: RM3180000

UV7830000 5-PYRIMIDINECARBOXYLIC ACID, 1,2,3,4-TETRAHYDRO-6-METHYL-2-OXO-4-PHENYL-, 2-(DIETHYLAMINO) ETHYL ESTER
UPDT:8312 CAS: 69094-11-7 MW: 331.46 MOLFM: C18-H25-N3-O3
SYN: 2-OXO-4-PHENYL-5-(beta-DIETHYLAMINOETHOXYCARBONYL)-6-METHYL-1,2,3,4-TETRAHYDROPYRIMIDINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:500 mg/kg RPTOAN 41,218,78

UV7880000 5-PYRIMIDINECARBOXYLIC ACID, 1,2,3,4-TETRAHYDRO-6-METHYL-2-OXO-4-PHENYL-, 2-(MORPHOLINO) ETHYL ESTER
UPDT:8312 CAS: 69094-10-6 MW: 345.44 MOLFM: C18-H23-N3-O4
SYN: 2-OXO-4-PHENYL-5-(beta-MORPHOLINOETHOXYCARBONYL)-6-METHYL-1,2,3,4-TETRAHYDROPYRIMIDINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:250 mg/kg RPTOAN 41,218,78

UV7881500 5-PYRIMIDINECARBOXYLIC ACID, 1,2,3,4-TETRAHYDRO-6-METHYL-2-OXO-4-PHENYL-, 2-(PHENYLAMINO) ETHYL ESTER
UPDT:8312 CAS: 69094-12-8 MW: 351.44 MOLFM: C20-H21-N3-O3
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1000 mg/kg RPTOAN 41,218,78

UV7882000 5-PYRIMIDINECARBOXYLIC ACID, 1,2,3,4-TETRAHYDRO-6-METHYL-2-OXO-4-PHENYL-, 2-(PIPERIDINO) ETHYL ESTER
UPDT:8312 CAS: 69094-09-3 MW: 343.47 MOLFM: C19-H25-N3-O3
SYN: 2-OXO-4-PHENYL-5-(beta-PIPERIDINOETHOXYCARBONYL)-6-METHYL-1,2,3,4-TETRAHYDROPYRIMIDINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:260 mg/kg RPTOAN 41,218,78

UV7895000 PYRIMIDINE, 2-((1-(p-CHLOROBENZYL)-4-PIPERIDYL)AMINO)-
UPDT:8310 MW: 302.84 MOLFM: C16-H19-Cl-N4
SYN: 2-((1-(p-CHLOROBENZYL)-4-PIPERIDYL)AMINO)PYRIMIDINE
TOXICITY DATA AND REFERENCES:
3F12F17H21 orl-mus LD50:1000 mg/kg FRPSAX 35,951,80
3F12F17H21 ipr-mus LD50:300 mg/kg FRPSAX 35,951,80

UV8050000 PYRIMIDINE, 2-CHLORO-4-(DIMETHYLAMINO)-6-METHYL-
UPDT:8408 CAS: 535-89-7 MW: 171.65 MOLFM: C7-H10-Cl-N3
SYN: CASTRIX * 2-CHLOOR-4-DIMETHYLAMINO-6-METHYL-PYRIMIDINE (Dutch) * 2-CHLORO-4-DIMETHYLAMINO-6-METHYL-PYRIMIDINE * 2-CHLORO-4-METHYL-6-DIMETHYLAMINOPYRIMIDINE * 2-CHLORO-N,N-6-TRIMETHYL-4-PYRIMIDINAMINE * 2-CLORO-4-DIMETILAMINO-6-METIL-PIRIMIDINA (Italian) * CRIMIDIN (German) * CRIMIDINA (Italian) * CRIMIDINE * W 491
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1250 ug/kg GUCHAZ 6,139,73
1F12 ipr-rat LD50:1 mg/kg JAPMA8 37,307,48
unk-rat LD50:1250 ug/kg 30ZDA9 -,422,71
* orl-mus LD50:1200 ug/kg MEIEDD 10,371,83
1F12 ipr-mus LD50:420 ug/kg JAPMA8 37,307,48
1F12 ipr-dog LD50:500 ug/kg JAPMA8 37,307,48
orl-rbt LD50:5 mg/kg 28ZEAL 5,59,76
1F12 ipr-rbt LD50:5 mg/kg JAPMA8 37,307,48
orl-gpg LD50:2660 ug/kg PCOC** -,202,66
1F12 ipr-gpg LD50:2660 ug/kg JAPMA8 37,307,48
orl-ckn LD50:22500 ug/kg 85DPAN -,-,71/76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UV8100000 PYRIMIDINE, 4-CHLORO-6-ETHYLENEIMINO-2-PHENYL-
UPDT:8401 CAS: 63019-51-2 MW: 231.70 MOLFM: C12-H10-Cl-N3
SYN: 6-(1-AZIRIDINYL)-4-CHLORO-2-PHENYLPYRIMIDINE * 4-CHLORO-6-ETHYLENEIMINO-2-PHENYLPYRIMIDINE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:960 mg/kg/16W-I BJPCAL 9,306,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UV8112800 PYRIMIDINE, 2-((1-(5-CHLORO-2-METHOXYBENZYL)-4-PIPERIDYL)AMINO)-
UPDT:8310 MW: 332.87 MOLFM: C17-H21-Cl-N4-O
SYN: 1-((1-(5-CHLORO-2-METHOXYBENZYL)-4-PIPERIDYL)AMINO)PYRIMIDINE
TOXICITY DATA AND REFERENCES:
3D16F18H21 ipr-mus LD50:1000 mg/kg FRPSAX 35,951,80

PYRIMIDINE, 5-CHLORO-2,4,6-TRIS(1-AZETIDINYL)- (9CI) see: UV8138700

UV8138700 PYRIMIDINE, 5-CHLORO-2,4,6-TRIS(1-AZIRIDINYL)-
UPDT:8403 CAS: 64295-03-0 MW: 237.72 MOLFM: C10-H12-Cl-N5
SYN: 5-CHLORO-2,4,6-TRIETHYLENEIMINOPYRIMIDINE * 5-CHLORO-2,4,6-TRIS(1-AZIRIDINYL)PYRIMIDINE * PYRIMIDINE, 5-CHLORO-2,4,6-TRIS(1-AZETIDINYL)- (9CI)
MUTATION DATA AND REFERENCES:
mmo-asn 1700 umol/L MUREAV 14,115,72
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

PYRIMIDINE-DEOXYRIBOSE N1-2'-FURANIDYL-5-FLUOROURACIL see: YR0450000

UV8139250 1,3(2H,4H)-PYRIMIDINEDIACETIC ACID, DIHYDRO-5-ETHYL-5-PHENYL-2,4,6-TRIOXO-, BIS(2-DIMETHYLAMINOETHYL) ESTER, DIHYDROCHLORIDE, HYDRATE
UPDT:8408 MW: 581.56 MOLFM: C24-H34-N4-O7 .2Cl-H .H2-O
SYN: 1,3-BIS(2-DIMETHYLAMINOETHOXYCARBONYLMETHYL)-5-ETHYL-5-PHENYLBARBITURIC ACID 2HCl HYDRATE
TOXICITY DATA AND REFERENCES:
3F12F18F21 scu-mus LD50:1100 mg/kg YKKZAJ 81,851,61

2,4-PYRIMIDINEDIAMINE, 5-(4-CHLOROPHENOXY)-6-METHYL- (9CI) see: UV8149800

UV8140000 2,4-PYRIMIDINEDIAMINE, 5-(p-CHLOROPHENYL)-6-ETHYL-
UPDT:8412 CAS: 58-14-0 MW: 248.74 MOLFM: C12-H13-Cl-N4
SYN: BW 50-63 * CD * CHLORIDIN * CHLORIDINE * CHLORIDYN * 5-(4'-CHLOROPHENYL)-2,4-DIAMINO-6-ETHYLPYRIMIDINE * 5-(4-CHLOROPHENYL)-6-ETHYL-2,4-PYRIMIDINEDIAMINE * DARACLOR * DARAPRAM * DARAPRIM * DARAPRIME * 2,4-DIAMINO-5-p-CHLOROPHENYL-6-ETHYLPYRIMIDINE * 2,4-DIAMINO-5-(4-CHLOROPHENYL)-6-ETHYLPYRIMIDINE * DIAMINOPYRITAMIN * ERBAPRELINA * MALOCIDE * MALOPRIM * NCI-C01683 * NSC 3061 * PIRIMECIDAN * PIRIMETAMINA (Spanish) * PYREMETHAMINE * PYRIMETHAMINE * 4753 R.P. * TINDURIN
MUTATION DATA AND REFERENCES:
mmo-sat 10 uL/plate ANYAA9 76,475,58
mmo-esc 800 mg/L/1H CRSUBM 3,69,55
mmo-omi 300 ng/plate AMACCQ 12,84,77
mmo-ssp 20 ng/plate RCUFAC 13,221,79
mnt-rat-orl 2 mg/kg CYGEDX 14(6),17,80
dni-rat-orl 50 ug/kg SJDBA9 4,122,73
oms-rat-orl 50 ug/kg SJDBA9 4,122,73
oms-rat-orl 2 mg/kg CYGEDX 14(6),17,80
cyt-rat-orl 5 mg/kg TGANAK 14(6),20,80
cyt-mus-ipr 100 mg/kg GNKAA5 9(2),67,73
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-rat TDLo:5 mg/kg (9D preg) DKBSAS 167,202,66
2T24T25 orl-rat TDLo:500 ug/kg (1D preg) AAGEAA 67(8),9,74
3T41T42T45 orl-rat TDLo:5 mg/kg (9D preg) DKBSAS 167,202,66
1T31 orl-rat TDLo:25 mg/kg (10D preg) SJDBA9 8,63,77
2T39T59 orl-rat TDLo:45 mg/kg (7-15D preg) BJPCBM 74,957,81
2T43T46 orl-rat TDLo:25 mg/kg (10D preg) AKGIAO 41(6),21,65
2T25T59 ipr-rat TDLo:50 mg/kg (13D preg) FATOAO 40,219,77
1T85 ipr-rat TDLo:1 mg/kg (9D preg) BEXBAN 71,254,71
3T34T35T42 ipr-rat TDLo:25 mg/kg (9D preg) DANKAS 163,1514,65

1T43 ipr-rat TDLo:25 mg/kg (9D preg) DANKAS 163,1514,65
3T41T43T46 par-rat TDLo:30 mg/kg (10D preg) 40YJAX -,127,76
1T35 par-rat TDLo:30 mg/kg (10D preg) 40YJAX -,127,76
2T25T59 unk-rat TDLo:30 mg/kg (13D preg) GISAAA 41(12),32,76
2T35T59 unk-rat TDLo:125 mg/kg (8-12D preg) AKGIAO 43(12),10,67
1T22 orl-mus TDLo:21 mg/kg (7D pre) MEXPAG 10,361,64
1T29 orl-pig TDLo:180 mg/kg (11-35D preg) SEIJBO 23,25,83
2T43T46 orl-pig TDLo:90 mg/kg (11-35D preg) JTSCDR 5,265,80
1T50 orl-pig TDLo:90 mg/kg (11-35D preg) TOLED5 10,51,82
1T46 orl-pig TDLo:43200 ug/kg (11-22D preg) TJADAB 28,22A,83
1T75 orl-pig TDLo:21600 ug/kg (11-16D preg) TJADAB 28,22A,83

TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:25 mg/kg/8W-I CNREAB 33,3069,73

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:70 mg/kg 14XBAV -,367,64
orl-mus LD50:128 mg/kg EJMCA5 9,658,74
ipr-mus LD50:74 mg/kg EJMCA5 9,658,74
* scu-mus LDLo:160 mg/kg JMCMAR 16,1399,73
orl-ham LDLo:250 mg/kg TJADAB 4,205,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PLMJAP 6(1),160,75
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 13,233,77

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:MOUSE (NCITR* NCI-CG-TR-77,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-77,78)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2,4-PYRIMIDINEDIAMINE, 5-((4-CHLOROPHENYL)METHYL)-6-METHYL- (9CI) see: UV8149600
2,4-PYRIMIDINEDIAMINE, 5-(3,4-DICHLOROPHENYL)-6-METHYL- (9CI) see: UV8180000
2,4-PYRIMIDINEDIAMINE, 5-((2,6-DIMETHOXY-3-PYRIDINYL)METHYL)- (9CI) see: UV8192000
2,4-PYRIMIDINEDIAMINE, 5-((2,6-DIMETHOXY-4-PYRIDINYL)METHYL)- (9CI) see: UV8192100
2,4-PYRIMIDINEDIAMINE, 5-((5,6-DIMETHOXY-3-PYRIDINYL)METHYL)- (9CI) see: UV8192600
2,4-PYRIMIDINEDIAMINE, 5-((6-METHOXY-3-PYRIDINYL)METHYL)- (9CI) see: UV8197200
2,4-PYRIMIDINEDIAMINE, 6-(1-PIPERIDINYL)-, 3-OXIDE see: UV8200000
2,4-PYRIMIDINEDIAMINE, 5-(2-PYRIDINYLMETHYL)- (9CI) see: UV8202200
2,4-PYRIMIDINEDIAMINE, 5-(3-PYRIDINYLMETHYL)- (9CI) see: UV8202300
2,4-PYRIMIDINEDIAMINE, 5-(4-PYRIDINYLMETHYL)- (9CI) see: UV8202400
2,4-PYRIMIDINEDIAMINE, 5-(3-PYRIDINYLMETHYL)-, N(sup 5)-OXIDE (9CI) see: UV8203300
2,4-PYRIMIDINEDIAMINE, 5-(4-PYRIDINYLMETHYL)-, N(sup 5)-OXIDE (9CI) see: UV8203400
2,4-PYRIMIDINEDIAMINE, 5-((3,4,5-TRIMETHOXYPHENYL)-METHYL)- see: UV8225000

UV8149200 PYRIMIDINE, 2,4-DIAMINO-5-(p-BROMOPHENYL)-6-METHYL-
UPDT:8306 CAS: 7331-25-1 MW: 279.17 MOLFM: C11-H[illegible] Br-N4
SYN: BW 50-322 * 2,4-DIAMINO-5-(p-BROMOPHENYL)-6-METHYLPYRIMIDINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:250 mg/kg 14XBAV -,367,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UV8149600 PYRIMIDINE, 2,4-DIAMINO-5-(p-CHLOROBENZYL)-6-METHYL-
UPDT:8306 CAS: 7331-23-9 MW: 248.74 MOLFM: C12-H13-Cl-N4
SYN: BW 49-224 * 2,4-DIAMINO-5-(p-CHLOROBENZYL)-6-METHYLPYRIMIDINE * 2,4-PYRIMIDINEDIAMINE, 5-((4-CHLOROPHENYL)METHYL)-6-METHYL- (9CI)
TOXICITY DATA AND REFERENCES:
* unk-rat LD50:20 mg/kg 14XBAV -,367,64

UV8149700 PYRIMIDINE, 2,4-DIAMINO-5-(p-CHLOROPHENOXY)-
UPDT:8306 CAS: 7331-20-6 MW: 236.68 MOLFM: C10-H9-Cl-N4-O
SYN: BW 48-122 * 2,4-DIAMINO-5-(p-CHLOROPHENOXY)PYRIMIDINE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:350 mg/kg 14XBAV -,367,64

UV8149800 PYRIMIDINE, 2,4-DIAMINO-5-(p-CHLOROPHENOXY)-6-METHYL-
UPDT:8306 CAS: 7331-19-3 MW: 250.71 MOLFM: C11-H11-Cl-N4-O
SYN: BW 48-210 * 2,4-DIAMINO-5-(p-CHLOROPHENOXY)-6-METHYLPYRIMIDINE * 2,4-PYRIMIDINEDIAMINE, 5-(4-CHLOROPHENOXY)-6-METHYL- (9CI)
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:50 mg/kg 14XBAV -,367,64

UV8180000 PYRIMIDINE, 2,4-DIAMINO-5-(3,4-DICHLOROPHENYL)-6-METHYL-
UPDT:8306 CAS: 7761-45-7 MW: 269.15 MOLFM: C11-H10-Cl2-N4
SYN: BW 50-197 * BW-197U * 5-(3,4-DICHLOROPHENYL)-6-METHYL-2,4-PYRIMIDINEDIAMINE * DDMP * 2,4-DIAMINO-5-(3,4-DICHLOROPHENYL)-6-METHYLPYRIMIDINE * 2,4-DIAMINO-5-(3',4'-DICHLOROPHENYL)-6-METHYLPYRIMIDINE * METHODICHLOROPHEN * METOPRINE * NSC-19494 * PYRIMETHAMINE * 2,4-PYRIMIDINEDIAMINE, 5-(3,4-DICHLOROPHENYL)-6-METHYL- (9CI) * U-197
MUTATION DATA AND REFERENCES:
cyt-hmn-unk 2800 ug/kg RBBIAL 25,145,65
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T35 orl-rat TDLo:2500 ug/kg (7D preg) PSEBAA 87,571,54
1T25 orl-rat TDLo:5 mg/kg (8-9D preg) PSEBAA 87,571,54
1T43 orl-rat TDLo:7500 ug/kg (6-8D preg) PSEBAA 87,571,54
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:7 mg/kg 14XBAV -,367,64
scu-mus LD50:50 mg/kg CTRRDO 60,547,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UV8192000 PYRIMIDINE, 2,4-DIAMINO-5-((2,6-DIMETHOXY-3-PYRIDYL)METHYL)-
UPDT:8311 CAS: 65873-69-0 MW: 261.32 MOLFM: C12-H15-N5-O2
SYN: 2,4-DIAMINO-5-((2,6-DIMETHOXY-3-PYRIDYL)METHYL)-PYRIMIDINE * 2,4-PYRIMIDINEDIAMINE, 5-((2,6-DIMETHOXY-3-PYRIDINYL)METHYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:300 mg/kg EJMCA5 12,531,77

UV8192100 PYRIMIDINE, 2,4-DIAMINO-5-((2,6-DIMETHOXY-4-PYRIDYL)METHYL)-
UPDT:8311 CAS: 55873-57-6 MW: 261.32 MOLFM: C12-H15-N5-O2
SYN: 2,4-DIAMINO-5-((2,6-DIMETHOXY-4-PYRIDYL)METHYL)-PYRIMIDINE * 2,4-PYRIMIDINEDIAMINE, 5-((2,6-DIMETHOXY-4-PYRIDINYL)METHYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:1250 mg/kg EJMCA5 12,531,77

UV8192600 PYRIMIDINE, 2,4-DIAMINO-5-((5,6-DIMETHOXY-3-PYRIDYL)METHYL)-
UPDT:8311 CAS: 52606-05-0 MW: 261.32 MOLFM: C12-H15-N5-O2
SYN: 2,4-DIAMINO-5-((5,6-DIMETHOXY-3-PYRIDYL)METHYL)-PYRIMIDINE * 2,4-PYRIMIDINEDIAMINE, 5-((5,6-DIMETHOXY-3-PYRIDINYL)METHYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:5000 mg/kg EJMCA5 12,531,77

UV8197200 PYRIMIDINE, 2,4-DIAMINO-5-((6-METHOXY-3-PYRIDYL)METHYL)-
UPDT:8311 MW: 231.29 MOLFM: C11-H13-N5-O
SYN: 2,4-DIAMINO-5-((6-METHOXY-3-PYRIDYL)METHYL)-PYRIMIDINE * 2,4-PYRIMIDINEDIAMINE, 5-((6-METHOXY-3-PYRIDINYL)METHYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:300 mg/kg EJMCA5 12,531,77

UV8197500 PYRIMIDINE, 2,4-DIAMINO-6-METHYL-5-(p-NITROBENZYL)-
UPDT:8306 CAS: 7331-21-7 MW: 259.30 MOLFM: C12-H13-N5-O2
SYN: BW 49-371 * 2,4-DIAMINO-5-(p-NITROBENZYL)-6-METHYLPYRIMIDINE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:30 mg/kg 14XBAV -,367,64

UV8198500 PYRIMIDINE, 2,4-DIAMINO-6-(4-METHYL-1-PIPERAZINYL)-, 3-OXIDE, DIHYDROCHLORIDE, HYDRATE
UPDT:8303 MW: 315.25 MOLFM: C9-H16-N6-O 2Cl-H H2-O
SYN: 2,4-DIAMINO-6-(4-METHYL-1-PIPERAZINYL)PYRIMIDINE 3-OXIDE DIHYDROCHLORIDE HYDRATE * 2,4-DIAMINO-6-(4-METILPIPERAZINIL)PIRIMIDINA 3-OSSIDO (Italian)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1800 mg/kg BCFAAI 121,16,82

UV8199700 PYRIMIDINE, 2,4-DIAMINO-6-(1-PIPERAZINYL)-, 3-OXIDE, DIHYDROCHLORIDE, HYDRATE
UPDT:8303 MW: 301.22 MOLFM: C8-H14-N6-O 2Cl-H H2-O
SYN: 2,4-DIAMINO-6-(1-PIPERAZINYL)PYRIMIDINE 3-OXIDE DIHYDROCHLORIDE HYDRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1550 mg/kg BCFAAI 121,16,82

UV8200000 PYRIMIDINE, 2,4-DIAMINO-6-PIPERIDINO-, 3-OXIDE
UPDT:8403 CAS: 38304-91-5 MW: 209.29 MOLFM: C9-H15-N5-O
SYN: 6-AMINO-1,2-DIHYDRO-1-HYDROXY-2-IMINO-4-PIPERIDINOPYRIMIDINE * 2,4-DIAMINO-6-PIPERIDINILPIRIMIDINA-3-OSSIDO (Italian) * 2,4-DIAMINO-6-PIPERIDINOPYRIMIDINE 3-OXIDE * 2,3-DIHYDRO-3-HYDROXY-2-IMINO-6-(1-PIPERIDINYL)-4-PYRIMIDINAMINE * LONITEN * MINOSSIDILE (Italian) * MINOXIDIL * 6-PIPERIDINO-2,4-DIAMINOPYRIMIDINE 3-OXIDE * 6-(1-PIPERIDINYL)-2,4-PYRIMIDINEDIAMINE 3-OXIDE * 2,4-PYRIMIDINEDIAMINE, 6-(1-PIPERIDINYL)-, 3-OXIDE * U-10,858
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1321 mg/kg TXAPA9 39,1,77
ipr-rat LD50:759 mg/kg TXAPA9 39,1,77
* ivn-rat LD50:29 mg/kg MEIEDD 10,888,83
* ipr-mus LD50:560 mg/kg BCFAAI 121,16,82
ivn-mus LD50:51 mg/kg TXAPA9 39,1,77

UV8202200 PYRIMIDINE, 2,4-DIAMINO-5-(2-PYRIDYLMETHYL)-
UPDT:8311 CAS: 65873-50-9 MW: 201.26 MOLFM: C10-H11-N5
SYN: 2,4-DIAMINO-5-(2-PYRIDYLMETHYL)-PYRIMIDINE * 2,4-PYRIMIDINEDIAMINE, 5-(2-PYRIDINYLMETHYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:150 mg/kg EJMCA5 12,531,77

UV8202300 PYRIMIDINE, 2,4-DIAMINO-5-(3-PYRIDYLMETHYL)-
UPDT:8311 CAS: 52606-04-9 MW: 201.26 MOLFM: C10-H11-N5
SYN: 2,4-DIAMINO-5-(3-PYRIDYLMETHYL)-PYRIMIDINE * 2,4-PYRIMIDINEDIAMINE, 5-(3-PYRIDINYLMETHYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:150 mg/kg EJMCA5 12,531,77

UV8202400 PYRIMIDINE, 2,4-DIAMINO-5-(4-PYRIDYLMETHYL)-
UPDT:8311 CAS: 65873-56-5 MW: 201.26 MOLFM: C10-H11-N5
SYN: 2,4-DIAMINO-5-(4-PYRIDYLMETHYL)-PYRIMIDINE * 2,4-PYRIMIDINEDIAMINE, 5-(4-PYRIDINYLMETHYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:600 mg/kg EJMCA5 12,531,77

UV8203300 PYRIMIDINE, 2,4-DIAMINO-5-(3-PYRIDYLMETHYL)-, N(sup 5)-OXIDE
UPDT:8311 CAS: 65873-74-7 MW: 217.26 MOLFM: C10-H11-N5-O
SYN: 2,4-DIAMINO-5-(3-PYRIDYLMETHYL)PYRIMIDINE N(sup 5)-OXIDE * 2,4-DIAMINO-5-(3'-PYRIDYLMETHYL)-PYRIMIDIN-1'-OXID (German) * 2,4-PYRIMIDINEDIAMINE, 5-(3-PYRIDINYLMETHYL)-, N(sup 5)-OXIDE (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:2500 mg/kg EJMCA5 12,531,77

UV8203400 PYRIMIDINE, 2,4-DIAMINO-5-(4-PYRIDYLMETHYL)-, N(sup 5)-OXIDE
UPDT:8311 CAS: 65873-75-8 MW: 217.26 MOLFM: C10-H11-N5-O
SYN: 2,4-DIAMINO-5-(4-PYRIDYLMETHYL)PYRIMIDINE N(sup 5)-OXIDE * 2,4-DIAMINO-5-(4'-PYRIDYLMETHYL)-PYRIMIDIN-1'-OXID (German) * 2,4-PYRIMIDINEDIAMINE, 5-(4-PYRIDINYLMETHYL)-, N(sup 5)-OXIDE (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:5000 mg/kg EJMCA5 12,531,77

UV8205000 PYRIMIDINE, 2,4-DIAMINO-6-(4-(2-PYRIDYL)-1-PIPERAZINYL)-, 3-OXIDE, DIHYDROCHLORIDE
UPDT:8303 MW: 360.29 MOLFM: C13-H17-N7-O 2Cl-H
SYN: 2,4-DIAMINO-6-(4-(2-PYRIDYL)-1-PIPERAZINYL)PYRIMIDINE 3-OXIDE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:68 mg/kg BCFAAI 121,16,82
* ipr-mus LD50:68 mg/kg BCFAAI 121,16,82

UV8225000 PYRIMIDINE, 2,4-DIAMINO-5-(3,4,5-TRIMETHOXYBENZYL)-
UPDT:8406 CAS: 738-70-5 MW: 290.36 MOLFM: C14-H18-N4-O3
SYN: BW 56-72 * 2,4-DIAMINO-5-(3,4,5-TRIMETHOXYBENZYL)PYRIMIDINE * MONOPRIM * NIH 204 * NSC-106568 * PROLOPRIM * 2,4-PYRIMIDINEDIAMINE, 5-((3,4,5-TRIMETHOXYPHENYL)-METHYL)- * SYRAPRIM * TIEMPE * TRIMANYL * TRIMETHOPRIM * TRIMETHOPRIOM * 5-(3,4,5-TRIMETHOXYBENZYL)-2,4-DIAMINOPYRIMIDINE * TRIMOPAN * TRIMPEX * WELLCOPRIM
MUTATION DATA AND REFERENCES:
dni-esc 5 mg/L CBINA8 17,113,77
pic-esc 10 ug/plate CNREA8 43,2819,83
mmo-omi 50 ug/plate AMACCQ 12,84,77
spm-rat-unk 800 mg/kg/8D JOURAA 112,348,74
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T34 orl-rat TDLo:2250 mg/kg (11-13D preg) ANANAU 149,151,81
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:200 mg/kg 14XBAV -,367,64
* orl-mus LD50:4850 mg/kg PCJOAU 11,923,77
* ipr-mus LD50:3500 mg/kg PCJOAU 11,923,77
ivn-mus LD50:200 mg/kg BJPCAL 33,72,68
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: HFHBAG 29(1),364,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UV8240000 PYRIMIDINE, 2,4-DIAMINO-5-(3,4,5-TRIMETHOXYBENZYL)- and N'-(5-METHYL-3-ISOXAZOLYL) SULFANILAMIDE
UPDT:8406 CAS: 8064-90-2 MW: 543.66 MOLFM: C14-H18-N4-O3 C10-H11-N3-O3-S
SYN: ABACIN * ABACTRIM * APOSULFATRIM * BACTRAMIN * BACTRIM * BACTROMIN * BAKTAR * BISEPTOL * CHEMITRIM * CO-TRIMOXAZOLE * DRYLIN * ELTRIANYL * EUSAPRIM * FECTRIM * GANTAPRIN * GANTRIM * KEPINOL * LINARIS * MICROTRIM * MOMENTOL * NOPIL * OMSAT * PANTOPRIM * SEPTRA * SEPTRAN * SEPTRIM * SEPTRIN * SIGAPRIN * SULFAMETHOXAZOL-TRIMETHOPRIM * SULFOTRIM * SULFOTRIMIN * SULPRIM * SUMETROLIM * SUPRIN * TACUMIL * TELEPRIN * TMS 480 * TRIGONYL * TRIMESULF * TRIMETHOPRIMSULFA * TRIMETHOPRIM and SULPHAMETHOXAZOLE * TRIMFORTE * TRIMOSULFA * URO-SEPTRA
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:274 mg/kg/10D-I LANCAO 1,831,78
3M11R03U25 orl-wmn TDLo:346 mg/kg LANCAO 1,604,77
* orl-rat LD50:7200 mg/kg NIIRDN 6,389,82
* ipr-rat LD50:1840 mg/kg NIIRDN 6,389,82
3F07F17F23 orl-mus LD50:5513 mg/kg NKRZAZ 21,187,73
* ipr-mus LD50:2010 mg/kg NIIRDN 6,389,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UV8575000 PYRIMIDINE, 2-((2-(DIMETHYLAMINO)ETHYL)(p-METHOXYBENZYL)AMINO)-
UPDT:8407 CAS: 91-85-0 MW: 286.42 MOLFM: C16-H22-N4-O
SYN: 2-((2-DIMETHYLAMINO)ETHYL)(p-METHOXYBENZYL)AMINO)PYRIMIDINE * N,N-DIMETHYL-N'-(p-METHOXYBENZYL)-N'-(2-PYRIMIDYL)ETHYLENEDIAMINE * ETHYLENEDIAMINE, N-(p-METHOXYBENZYL)-N'-N'-DIMETHYL-N-2-PYRIMIDINYL- * NCI-C60708 * NEOHETRAMINE * THONZYLAMINE * TONZILAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 ims-rat TDLo:50 mg/kg (5D preg) PSEBAA 100,555,59

TOXICITY DATA AND REFERENCES:

3F01F12J24 orl-wmn TDLo:2 mg/kg JOALAS 19,313,48

orl-mus LD50:245 mg/kg PSEBAA 66,512,47

ipr-mus LD50:119 mg/kg PSEBAA 66,512,47

orl-gpg LD50:493 mg/kg PSEBAA 66,512,47

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UV8750000 PYRIMIDINE, 2-((2-(DIMETHYLAMINO)ETHYL)(p-METHOXYBENZYL)AMINO)-, HYDROCHLORIDE

UPDT:8407 CAS: 63-56-9 MW: 322.88 MOLFM: C16-H22-N4-O Cl-H

SYN: ANAHIST * ANDHIST * ANSHIST * 2-((2-(DIMETHYLAMINO)ETHYL)(p-METHOXY-BENZYL)AMINO)-PYRIMIDINE HYDROCHLORIDE * N-p-METHOXYBENZYL-N',N'-DIMETHYL-N-2-PYRIMIDINYLETHYLENE DIAMINE HYDROCHLORIDE * NEOHETRAMINE HYDROCHLORIDE * NH 188 * NOVOHETRAMIN * RESISTAB * THONZYLAMINE HYDROCHLORIDE * THONZYLAMINIUM CHLORIDE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:245 mg/kg NIIRDN 6,536,82

2F12J30 ipr-mus LD50:110 mg/kg AIPTAK 123,419,60

* orl-gpg LD50:493 mg/kg NIIRDN 6,536,82

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: JRPMAP 12(1),27,74

UV8752000 PYRIMIDINE, 2-((2-(DIMETHYLAMINO)ETHYL)(p-METHOXYBENZYL)AMINO)-4-METHYL-

UPDT:8305 MW: 300.45 MOLFM: C17-H24-N4-O

SYN: 2-((2-(DIMETHYLAMINO)ETHYL)(p-METHOXYBENZYL)AMINO)-4-METHYLPYRIMIDINE

TOXICITY DATA AND REFERENCES:

3F07F12J30 ipr-mus LD50:120 mg/kg AIPTAK 123,419,60

UV8900000 PYRIMIDINE, 4,6-DIMETHYL-2-(5-NITRO-2-FURYL)-

UPDT:8401 CAS: 59-35-8 MW: 219.22 MOLFM: C10-H9-N3-O3

SYN: 4,6-DIMETHYL-2-(5-NITRO-2-FURYL)-PYRIMIDINE

TUMORIGENIC DATA AND REFERENCES:

3V01K60R60 orl-rat TDLo:8988 mg/kg/49W-C JNCIAM 57,277,76

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CCSUDL 4,171,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UV8925000 PYRIMIDINE, 1,3-DINITROSOHEXAHYDRO-

UPDT:8405 MW: 144.16 MOLFM: C4-H8-N4-O2

SYN: DI(N-NITROSO)-PERHYDROPYRIMIDINE

TUMORIGENIC DATA AND REFERENCES:

2V01D09 ipr-rat TDLo:13 mg/kg/66W-I JCROD7 105,191,83

3V02K60L60 ipr-rat TD :525 mg/kg/35W-I CALEDQ 6,57,79

TOXICITY DATA AND REFERENCES:

ipr-rat LD50:300 mg/kg CALEDQ 6,57,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4,6-PYRIMIDINEDIOL see: UW7523000

UV9001200 2,4-PYRIMIDINEDIOL, 5-PHENYL-

UPDT:8305 MW: 188.20 MOLFM: C10-H8-N2-O2

SYN: 5-PHENYL-2,4-PYRIMIDINEDIOL

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:400 mg/kg AIPTAK 95,123,53

2,4-PYRIMIDINEDIONE see: YQ8650000

2,4(1H,3H)-PYRIMIDINEDIONE (9CI) see: YQ8650000

UV9002700 4,6(1H,5H)-PYRIMIDINEDIONE, 5-ALLYL-2-(BENZYLAMINO)-

UPDT:8308 CAS: 40262-36-0 MW: 257.32 MOLFM: C14-H15-N3-O2

SYN: 5-ALLYL-2-(BENZYLAMINO)-4,6(1H,5H)-PYRIMIDINEDIONE * 4,6(1H,5H)-PYRIMIDINEDIONE, 2-((PHENYLMETHYL)AMINO)-5-(2-PROPENYL)- (9CI)

TOXICITY DATA AND REFERENCES:

1F17 ipr-mus LD50:1400 mg/kg AITEAT 27,397,79

UV9008000 4,6(1H,5H)-PYRIMIDINEDIONE, 5-ALLYL-2-(FURFURYLAMINO)-

UPDT:8308 CAS: 40262-24-6 MW: 247.28 MOLFM: C12-H13-N3-O3

SYN: 5-ALLYL-2-(FURFURYLAMINO)-4,6(1H,5H)-PYRIMIDINEDIONE * 4,6(1H,5H)-PYRIMIDINEDIONE, 2-((2-FURANYLMETHYL)AMINO)-5-(2-PROPENYL)- (9CI)

TOXICITY DATA AND REFERENCES:

2F05F17 ipr-mus LD50:670 mg/kg AITEAT 27,397,79

2,4(1H,3H)-PYRIMIDINEDIONE, 5-AMINO- see: YQ8740000

2,4(1H,3H)PYRIMIDINEDIONE, 6-AMINO-1,3-DIMETHYL-5-NITROSO- see: YQ8780000

2,4(1H,3H)-PYRIMIDINEDIONE, 1-beta-D-ARABINOFURANOSYL- see: YQ8818000

2,4(1H,3H)-PYRIMIDINEDIONE, 1-beta-D-ARABINOFURANOSYL-5-METHYL- (9CI) see: XP2100200

UV9009900 4,6(1H,5H)-PYRIMIDINEDIONE, 2-(BENZYLAMINO)-5-ETHYL-

UPDT:8308 CAS: 40262-29-1 MW: 245.31 MOLFM: C13-H15-N3-O2

SYN: 2-(BENZYLAMINO)-5-ETHYL-4,6(1H,5H)-PYRIMIDINEDIONE * 4,6(1H,5H)-PYRIMIDINEDIONE, 5-ETHYL-2-((PHENYLMETHYL)AMINO)- (9CI)

TOXICITY DATA AND REFERENCES:

2F05F17 ipr-mus LD50:560 mg/kg AITEAT 27,397,79

UV9012000 4,6(1H,5H)-PYRIMIDINEDIONE, 5-BENZYL-2-(FURFURYLAMINO)-

2,4(1H,3H)-PYRIMIDINEDIONE, 3-BENZYL-1,6-DIMETHYL-5-DIMETHYLAMINO- see: YQ8830000

UPDT:8308 CAS: 70829-93-5 MW: 297.34 MOLFM: C16-H15-N3-O3

SYN: 5-BENZYL-2-(FURFURYLAMINO)-4,6(1H,5H)-PYRIMIDINEDIONE * 4,6(1H,5H)-PYRIMIDINEDIONE, 2-((2-FURANYLMETHYL)AMINO)-5-(PHENYLMETHYL)- (9CI)

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:3290 mg/kg AITEAT 27,397,79

1F17 ipr-mus LD50:390 mg/kg AITEAT 27,397,79

2,4(1H,3H)-PYRIMIDINEDIONE, 5-(BIS(2-CHLOROETHYL)AMINO)- see: YQ8925000

2,4(1H,3H)-PYRIMIDINEDIONE, 5-BROMO- (9CI) see: YQ9060000

2,4(1H,3H)-PYRIMIDINEDIONE, 5-CHLORO-3-(1,1-DIMETHYLETHYL)-6-METHYL- see: YQ9360000

4,6(1H,5H)-PYRIMIDINEDIONE, 5-(2-CYCLOHEXEN-1-YL)DIHYDRO-5-(2-PROPENYL)-2-THIOXO- (9CI) see: CP8400000

UV9057700 4,6(1H,5H)-PYRIMIDINEDIONE, 5,5-DIETHYL-2-ISOPROPOXY-

UPDT:8403 MW: 226.31 MOLFM: C11-H18-N2-O3

SYN: 5,5-DIETHYL-2-ISOPROPOXY-4,6(1H,5H)-PYRIMIDINEDIONE * DIETHYL-5,5' ISOPROPYLOXY-2 PYRIMIDINEDIONE-4,6 (French)

TOXICITY DATA AND REFERENCES:

2F07F18 ipr-mus LD50:820 mg/kg EJMCA5 18,521,83

UV9058450 4,6(1H,5H)-PYRIMIDINEDIONE, DIHYDRO-5-ETHYL-5-PHENYL-, and 5-ETHYL-5-PHENYLBARBITURIC ACID

UPDT:8407 MW: 450.54 MOLFM: C12-H14-N2-O2 .C12-H12-N2-O3

SYN: PHENOBARBITONE and PRIMIDONE * PRIMIDONE and PHENOBARBITONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T43T46T86 orl-wmn TDLo:3780 mg/kg (1-39W preg) APSVAM 65,617,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2,4(1H,3H)-PYRIMIDINEDIONE, DIHYDRO-5-METHYL-1-NITROSO- (9CI) see: XP2105000

2,4(1H,3H)-PYRIMIDINEDIONE, DIHYDRO-1-NITROSO- see: MX9280000

4,6,(1H,5H)-PYRIMIDINEDIONE, 5-ETHYLDIHYDRO-5-(1-METHYLBUTYL)-2-THIOXO- (9CI) see: CQ6300000

4,6(1H,5H)-PYRIMIDINEDIONE, 5-ETHYLDIHYDRO-5-(1-METHYLBUTYL)-2-THIOXO-, MONOSODIUM SALT see: CQ6475000

UV9100000 4,6(1H,5H)-PYRIMIDINEDIONE, 5-ETHYLDIHYDRO-5-PHENYL-

UPDT:8412 CAS: 125-33-7 MW: 218.28 MOLFM: C12-H14-N2-O2

SYN: CYRAL * 2-DEOXYPHENOBARBITAL * 2-DESOXYPHENOBARBITAL * DESOXYPHENOBARBITONE * 5-ETHYLDIHYDRO-5-PHENYL-4,6(1H,5H)-PYRIMIDINEDIONE * 5-ETHYLHEXAHYDRO-4,6-DIOXO-5-PHENYLPHRIMIDINE * 5-ETHYLHEXAHYDRO-5-PHENYLPYRIMIDINE-4,6-DIONE * 5-ETHYL-5-PHENYLHEXAHYDROPYRIMIDINE-4,6-DIONE * HEXADIONA * HEXAMIDINE * HEXAMIDINE (THE ANTISPASMODIC) * LEPIMIDIN * LEPSIRAL * MAJSOLIN * MIDONE * MILEPSIN * MISODINE * MISOLINE * MIZODIN * MIZOLIN * MYLEPSIN * MYLEPSINUM * MYSEDON * MYSOLINE * NCI-C56360 * 5-PHENYL-5-ETHYL-HEXAHYDROPYRIMIDINE-4,6-DIONE * PRILEPSIN * PRIMACIONE * PRIMACLONE * PRIMACONE * PRIMAKTON * PRIMIDON * PRIMIDONE * PRYSOLINE * PYRIMIDONE MEDI-PETS * ROE 101 * SERTAN

MUTATION DATA AND REFERENCES:

cyt-hmn:leu 1 mg/L AJOGAH 116,867,73

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T43T44T47 orl-wmn TDLo:10350 mg/kg (1-39W preg) JOPDAB 94,835,79

2T77T81 orl-wmn TDLo:10350 mg/kg (1-39W preg) JOPDAB 94,835,79

2T84T86 unk-wmn TDLo:10640 mg/kg (1-38W preg) TJADAB 26(1),36A,82

1T46 orl-mus TDLo:330 mg/kg (6-16D preg) TXAPA9 40,365,77

1T41 orl-mus TDLo:990 mg/kg (6-16D preg) TXAPA9 40,365,77

1T43 orl-mus TDLo:500 mg/kg (12-16D preg) TXAPA9 34,271,75

1T43 orl-mus TDLo:275 mg/kg (6-16D preg) EPILAK 18,1,77

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1500 mg/kg NIIRDN 6,691,82

orl-mus LD50:280 mg/kg TXAPA9 34,271,75

1F02 ipr-mus LD50:332 mg/kg PCJOAU 15,403,81

1F02 unk-mus LD50:340 mg/kg RPTOAN 43,73,80

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: DICPBB 8(12),690,74; AUHPAI 4(1),5,74; DRUGAY 8(5),354,74; PRSMA4 63,48,70; BMJOAE 2,442,73; AJDCAI 131,1337,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4,6(1H,5H)-PYRIMIDINEDIONE, 5-ETHYL-2-((2-FURANYLMETHYL)AMINO)- (9CI) see: UV9100500

UV9100500 4,6(1H,5H)-PYRIMIDINEDIONE, 5-ETHYL-2-(FURFURYLAMINO)-

UPDT:8308 CAS: 40262-17-7 MW: 235.27 MOLFM: C11-H13-N3-O3

SYN: 5-ETHYL-2-(FURFURYLAMINO)-4,6(1H,5H)-PYRIMIDINEDIONE * 4,6(1H,5H)-PYRIMIDINEDIONE, 5-ETHYL-2-((2-FURANYLMETHYL)AMINO)- (9CI)

TOXICITY DATA AND REFERENCES:

1F17 ipr-mus LD50:670 mg/kg AITEAT 27,397,79

UV9100600 4,6(1H,5H)-PYRIMIDINEDIONE, 5-ETHYL-2-ISOPROPOXY-5-PHENYL-

UPDT:8403 MW: 274.35 MOLFM: C15-H18-N2-O3

SYN: 5-ETHYL-2-ISOPROPOXY-5-PHENYL-4,6(1H,5H)-PYRIMIDINEDIONE * ETHYL-5 PHENYL-5 ISOPROPYLOXY-2 PYRIMIDINEDIONE-4,6 (French)

TOXICITY DATA AND REFERENCES:

2F07F18 ipr-mus LD50:580 mg/kg EJMCA5 18,521,83

4,6(1H,5H)-PYRIMIDINEDIONE, 5-ETHYL-2-((PHENYLMETHYL)AMINO)- (9CI) see: UV9009900

2,4(1H,3H)-PYRIMIDINEDIONE, 5-FLUORO- see: YR0350000

2,4(1H,3H)-PYRIMIDINEDIONE, 5-FLUORO-1,3-BIS(TETRAHYDRO-2-FURANYL)- see: YQ9050000

2,4(1H,3H)-PYRIMIDINEDIONE, 5-FLUORO-1-(TETRAHYDRO-2-FURANYL)- see: YR0450000

4,6(1H,5H)-PYRIMIDINEDIONE, 2-((2-FURANYLMETHYL)AMINO)- (9CI) see: UV9103600

4,6(1H,5H)-PYRIMIDINEDIONE, 2-((2-FURANYLMETHYL)AMINO)-5-PHENYL- (9CI) see: UV9103650

4,6(1H,5H)-PYRIMIDINEDIONE, 2-((2-FURANYLMETHYL)AMINO)-5-(PHENYLMETHYL)- (9CI) see: UV9012000

4,6(1H,5H)-PYRIMIDINEDIONE, 2-((2-FURANYLMETHYL)AMINO)-5-(2-PROPENYL)- (9CI) see: UV9008000

UV9103600 4,6(1H,5H)-PYRIMIDINEDIONE, 2-(FURFURYLAMINO)-

UPDT:8308 CAS: 40262-15-5 MW: 207.21 MOLFM: C9-H9-N3-O3

SYN: 2-(FURFURYLAMINO)-4,6(1H,5H)-PYRIMIDINEDIONE * 4,6(1H,5H)-PYRIMIDINEDIONE, 2-((2-FURANYLMETHYL)AMINO)- (9CI)

TOXICITY DATA AND REFERENCES:

1F17 ipr-mus LD50:610 mg/kg AITEAT 27,397,79

UV9103650 4,6(1H,5H)-PYRIMIDINEDIONE, 2-(FURFURYLAMINO)-5-PHENYL-

UPDT:8308 CAS: 40262-26-8 MW: 283.31 MOLFM: C15-H13-N3-O3

SYN: 2-(FURFURYLAMINO)-5-PHENYL-4,6(1H,5H)-PYRIMIDINEDIONE * 4,6(1H,5H)-PYRIMIDINEDIONE, 2-((2-FURANYLMETHYL)AMINO)-5-PHENYL- (9CI)

TOXICITY DATA AND REFERENCES:

2F05F17 ipr-mus LD50:2300 mg/kg AITEAT 27,397,79

UV9103800 4,6(1H,5H)-PYRIMIDINEDIONE, 2-(HEXAHYDRO-1H-AZEPIN-1-YL)-

UPDT:8308 CAS: 61280-30-6 MW: 209.28 MOLFM: C10-H15-N3-O2

SYN: 2-(HEXAHYDRO-1H-AZEPIN-1-YL)-4,6(1H,5H)-PYRIMIDINEDIONE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:2600 mg/kg AITEAT 27,397,79

1F17 ipr-mus LD50:560 mg/kg AITEAT 27,397,79

UV9103850 4,6(1H,5H)-PYRIMIDINEDIONE, 2-(HEXAHYDRO-1H-AZEPIN-1-YL)-5-PHENYL-

UPDT:8308 CAS: 61280-40-8 MW: 285.38 MOLFM: C16-H19-N3-O2

SYN: 2-(HEXAHYDRO-1H-AZEPIN-1-YL)-5-PHENYL-4,6(1H,5H)-PYRIMIDINEDIONE

TOXICITY DATA AND REFERENCES:

1F17 ipr-mus LD50:1650 mg/kg AITEAT 27,397,79

2,4(1H,3H)-PYRIMIDINEDIONE, 5-(HYDROXYMETHYL)-6-METHYL- (9CI) see: YR0515000

UV9104300 2,4-(1H,3H)-PYRIMIDINEDIONE, 1-(2-((2-HYDROXY-3-(2-METHYLPHENOXY)PROPYL)AMINO)ETHYL)- 5-METHYL-, HYDROCHLORIDE

UPDT:8303 MW: 369.89 MOLFM: C17-H23-N3-O4 .Cl-H

SYN: PRIMIDOLOL HYDROCHLORIDE

TUMORIGENIC DATA AND REFERENCES:

3V01J60P60 orl-mus TDLo:27000 mg/kg/77W-C TXCYAC 21,279,81

3V03J60P60 orl-mus TD :6750 mg/kg/77W-C TXCYAC 21,279,81

3V03P60T64 orl-mus TD :13500 mg/kg/77W-C TXCYAC 21,279,81

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2,4(1H,3H)-PYRIMIDINEDIONE, 6-METHYL- (9CI) see: YR0700000

4,6(1H,5H)-PYRIMIDINEDIONE, 2-((PHENYLMETHYL)AMINO)-5-(2-PROPENYL)- (9CI) see: UV9002700

UV9104600 4,6(1H,5H)-PYRIMIDINEDIONE, 5-PHENYL-2-PIPERIDINO-

UPDT:8308 CAS: 61280-28-2 MW: 271.35 MOLFM: C15-H17-N3-O2

SYN: 5-PHENYL-2-PIPERIDINO-4,6(1H,5H)-PYRIMIDINEDIONE * 4,6(1H,5H)-PYRIMIDINEDIONE, 5-PHENYL-2-(1-PIPERIDINYL)- (9CI)

TOXICITY DATA AND REFERENCES:

1F17 ipr-mus LD50:1660 mg/kg AITEAT 27,397,79

4,6(1H,5H)-PYRIMIDINEDIONE, 5-PHENYL-2-(1-PIPERIDINYL)- (9CI) see: UV9104600

UV9104700 4,6(1H,5H)-PYRIMIDINEDIONE, 2-PIPERIDINO-

UPDT:8308 CAS: 61280-19-1 MW: 195.25 MOLFM: C9-H13-N3-O2

SYN: 2-PIPERIDINO-4,6(1H,5H)-PYRIMIDINEDIONE * 4,6(1H,5H)-PYRIMIDINEDIONE, 2-(1-PIPERIDINYL)-(9CI)

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1600 mg/kg AITEAT 27,397,79

1F17 ipr-mus LD50:750 mg/kg AITEAT 27,397,79

4,6(1H,5H)-PYRIMIDINEDIONE, 2-(1-PIPERIDINYL)- (9CI) see: UV9104700

UV9278000 5-PYRIMIDINEMETHANOL, 4-AMINO-2-METHOXY-

UPDT:8405 MW: 155.18 MOLFM: C6-H9-N3-O2

SYN: 4-AMINO-5-HYDROXYMETHYL-2-METHOXYPYRIMIDINE * 4-AMINO-2-METHOXY-5-PYRIMIDINEMETHANOL * BACIMETHRIN * 2-METHOXY-4-AMINO-5-HYDROXYMETHYLPYRIMIDINE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:300 mg/kg 85ERAY 3,1597,78

ivn-mus LD50:300 mg/kg 85ERAY 3,1597,78

UV9279400 5-PYRIMIDINEMETHANOL, alpha-(2-CHLOROPHENYL)-alpha-(4-CHLOROPHENYL)-

UPDT:8402 CAS: 60168-88-9 MW: 331.21 MOLFM: C17-H12-Cl2-N2-O

SYN: BLOC * (2-CHLOROPHENYL)-alpha-(4-CHLOROPHENYL)-5-PYRIMIDINEMETHANOL * alpha-(2-CHLOROPHENYL)-alpha-(4-CHLOROPHENYL)-5-PYRIMIDINEMETHANOL * EL 222 * FENARIMOL * RUBIGAN

MUTATION DATA AND REFERENCES:

sln-asn 6 mg/L MUREAV 79,169,80

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2500 mg/kg FMCHA2 -,C209,83

* orl-mus LD50:4500 mg/kg FMCHA2 -,C209,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UV9280000 5-PYRIMIDINEMETHANOL, alpha-CYCLOPROPYL-alpha-(p-METHOXYPHENYL)-

UPDT:8405 CAS: 12771-68-5 MW: 256.33 MOLFM: C15-H16-N2-O2

SYN: ANCYMIDOL * AREST * alpha-CYCLOPROPYL-4-METHOXY-alpha-(PYRIMIDIN-5-YL)-BENZYLALKOHOL (German) * alpha-CYCLOPROPYL-alpha-(p-METHOXYPHENYL)-5-PYRIMIDINEMETHANOL * alpha-CYCLOPROPYL-alpha-(4-METHOXYPHENYL)-5-PYRIMIDINEMETHANOL * alpha-CYCLOPROPYL-4-METHOXY-alpha-(PYRIMIDIN-5-YL)BENZYL ALCOHOL * EL-531 * QUEL * REDUCYMOL

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:4500 mg/kg FMCHA2 -,C17,83

UV9282000 5-PYRIMIDINEMETHANOL, alpha-(2,4-DICHLOROPHENYL)-alpha-PHENYL-

UPDT:8407 CAS: 26766-27-8 MW: 344.23 MOLFM: C18-H13-Cl2-N2-O

SYN: alpha-(2,4-DICHLOROPHENYL)-alpha-PHENYL-5-PYRIMIDINEMETHANOL * EL-273 * TRIARIMOL

MUTATION DATA AND REFERENCES:

mmo-smc 50 ppm RSTUDV 6,161,76

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:600 mg/kg FMCHA2 -,C241,83

UV9290000 PYRIMIDINE, 4-METHOXY-2-(5-METHOXY-3-METHYL-1H-PYRAZOL-1-YL)-6-METHYL-

UPDT:8408 CAS: 18694-40-1 MW: 234.29 MOLFM: C11-H14-N4-O2

SYN: DA-398 * EPIRIZOLE * MEBRON * MEPIRIZOLE * 4-METHOXY-2-(5-METHOXY-3-METHYL-1H-PYRAZOL-1-YL)-6-METHYLPYRIMIDINE * 2-(3-METHOXY-5-METHYLPYRAZOL-2-YL)-4-METHOXY-6-METHYLPYRIMIDINE * 1-(4-METHOXY-6-METHYL-2-PYRIMIDINYL)-3-METHYL-5-METHOXYPYRAZOLE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02 orl-rat TDLo:44500 mg/kg (26W male) IYKEDH 8,524,77

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:445 mg/kg MEIEDD 10,522,83

* ipr-rat LD50:350 mg/kg IYKEDH 8,494,77

* scu-rat LD50:208 mg/kg IYKEDH 8,494,77

3F17F19J25 orl-mus LD50:740 mg/kg OYYAA2 16,1011,78

3F17F19J25 ipr-mus LD50:540 mg/kg OYYAA2 16,1011,78

* scu-mus LD50:550 mg/kg IYKEDH 8,494,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UV9350000 PYRIMIDINE, 4-METHYL-2-((3,4,4-TRIFLUORO-3-BUTENYL)THIO)-

UPDT:8309 CAS: 4871-72-1 MW: 234.26 MOLFM: C9-H9-F3-N2-S

SYN: ENT 27,282 * 4-METHYL-2-((3,4,4-TRIFLUORO-3-BUTENYL)THIO)PYRIMIDINE * R-5478 * STAUFFER R 5478

TOXICITY DATA AND REFERENCES:

orl-rat LD50:844 mg/kg ARSIM* 20,23,66

UV9400000 PYRIMIDINE, 5-(beta-NAPHTHYLAZO)-2,4,6-TRIAMINO-

UPDT:8401 CAS: 32524-44-0 MW: 279.34 MOLFM: C14-H13-N7

SYN: 5-(beta-NAPHTHYLAZO)-2,4,6-TRIAMINOPYRIMIDINE * 5-beta-NAPHTHYL-2,4,6-TRIAMINOAZOPYRIMIDINE

TUMORIGENIC DATA AND REFERENCES:

3V03M61Q60 ipr-rat TDLo:270 mg/kg/14D-I JRMSAS 74,59,54

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UV9704000 PYRIMIDINE, 2-(4-PIPERONYL-1-PIPERAZINYL)-

UPDT:8403 CAS: 3605-01-4 MW: 298.38 MOLFM: C16-H18-N4-O2

SYN: 2-(4-(1,3-BENZODIOXOL-5-YLMETHYL)-1-PIPERAZINYL)PYRIMIDINE * ET 495 * EU 4200 * 2-(4-(3,4-METHYLENEDIOXYBENZYL)PIPERAZINO)PYRIMIDINE * 1-(3,4-METHYLENEDIOXYBENZYL)-4-(2-PYRIMIDYL)PIPERAZINE * 2-(4-PIPERONYL-1-PIPERAZINYL)PYRIMIDINE * PIRIBEDIL * 1-(2-PYRIMIDYL)-4-PIPERONYLPIPERAZINE * 1-(2''-PYRIMIDYL)-4-PIPERONYL PIPERAZINE * TRIVASTAL * TRIVASTAN

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1460 mg/kg EJPHAZ 6,75,69

2H05Y55 ipr-mus LD50:690 mg/kg JMCMAR 11,1151,68

* ivn-mus LD50:88 mg/kg EJPHAZ 6,75,69

UV9707500 PYRIMIDINE, 2-(4-PIPERONYL-1-PIPERAZINYL)-, METHANESULFONATE

UPDT:8305 CAS: 52293-23-9 MW: 394.49 MOLFM: C16-H18-N4-O2 C-H4-S-O3

SYN: ET 495 METHANESULFONATE * PIRIBEDIL MESYLATE * PIRIBEDIL METHANESULFONATE * PIRIBEDIL METHYLSULFONATE * PIRIBEDIL MONOMETHANESULFONATE * PIRIBEDIL MONOMETHYLSULFONATE * PYRIMIDINE, 2-(4-(1,3-BENZODIOXOL-5-YLMETHYL)-1-PIPERAZINYL)-, MONOMETHANESULFONATE (9CI)

TOXICITY DATA AND REFERENCES:

1F17 ipr-mus LD50:510 mg/kg PSCHDL 75,391,81

PYRIMIDINE, 2-SULFANILAMIDO- see: WP1925000

UV9721000 5-PYRIMIDINESULFONAMIDE, N,N'-(SULFONYLDI-4,1-PHENYLENE)BIS(1,2,3,4-TETRAHYDRO-6-METHYL- 2,4-DIOXO-

UPDT:8406 CAS: 34941-71-4 MW: 624.66 MOLFM: C22-H20-N6-O10-S3

SYN: p,p-2,4-DIOXY-6-METHYL-PYRIMIDINYL-5-SULFONAMINO/DIPHENYL SULFONE * DIUTSIFON

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:2600 mg/kg USXXAM #4151281

UV9738000 PYRIMIDINE, TETRAAMINO-, SULFATE

UPDT:8309 MW: 238.26 MOLFM: C4-H8-N6 H2-O4-S

SYN: TETRAAMINOPYRIMIDINE SULPHATE

IRRITATION DATA AND REFERENCES:

eye-rbt 100 mg MLD FCTOD7 20,573,82

eye-rbt 100 mg/4S rns MLD FCTOD7 20,573,82

UW0249000 PYRIMIDINE, 1,4,5,6-TETRAHYDRO-1-METHYL-2-(2-(2-THIENYL)VINYL)-, (E)-, TARTRATE (1:1)

UPDT:8406 CAS: 33401-94-4 MW: 356.43 MOLFM: C11-H14-N2-S C4-H6-O6

SYN: BANMINTH * CP 10423-18 * PYRANTEL TARTRATE * PYREQUAN TARTRATE * (E)-1,4,5,6-TETRAHYDRO-1-METHYL-2-(2-(2-THIENYL)VINYL)PYRIMIDINE TARTARATE (1:1) * (E)-4,5,6-TETRAHYDRO-1-METHYL-2-(2-(2-THIENYL)ETHENYL)PYRIMIDINE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:170 mg/kg AUVJA2 46,297,70

* orl-mus LD50:123 mg/kg OYYAA2 5,305,71

* ivn-mus LD50:2220 ug/kg OYYAA2 5,305,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2,4,5,6(1H,3H)-PYRIMIDINETETRONE see: BA4200000

2,4,5,6(1H,3H)-PYRIMIDINETETRONE HYDRATE see: UW0492000

UW0492000 2,4,5,6(1H,3H)-PYRIMIDINETETRONE, MONOHYDRATE

UPDT:8408 CAS: 3237-50-1 MW: 160.10 MOLFM: C4-H2-N2-O4 H2-O

SYN: ALLOXAN MONOHYDRATE * MESOXALYLCARBAMIDE MONOHYDRATE * MESOXALYLUREA MONOHYDRATE * 2,4,5,6(1H,3H)-PYRIMIDINETETRONE HYDRATE * 2,4,5,6-TETRAOXOHEXAHYDROPYRIMIDINE HYDRATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T41 ivn-rat TDLo:60 mg/kg (9D preg) JEEMAF 41,93,77

1T02 ivn-dog TDLo:60 mg/kg (1D male) IJEBA6 18,459,80

TOXICITY DATA AND REFERENCES:

ivn-mus LDLo:100 mg/kg DIAEAZ 12,66,63

2N21N24 ivn-pig LDLo:200 mg/kg METAAJ 29,40,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2,4,5,6(1H,3H)-PYRIMIDINETETRONE 5-OXIME see: BA4225000

UW0519200 2-PYRIMIDINETHIOL, 5,6-DIPHENYL-

UPDT:8305 MW: 264.36 MOLFM: C16-H12-N2-S

SYN: 5,6-DIPHENYL-2-PYRIMIDINETHIOL

TOXICITY DATA AND REFERENCES:

1F12 ipr-rat LD50:150 mg/kg AIPTAK 95,123,53

UW0519500 2-PYRIMIDINETHIOL, 5-METHYL-6-PHENYL-

UPDT:8305 MW: 202.29 MOLFM: C11-H10-N2-S

SYN: 5-METHYL-6-PHENYL-2-PYRIMIDINETHIOL

TOXICITY DATA AND REFERENCES:

1F12 ipr-rat LD50:500 mg/kg AIPTAK 95,123,53

UW4900000 2(1H)-PYRIMIDINETHIONE, 3,4-DIHYDRO-4,4,6-TRIMETHYL-

UPDT:8406 CAS: 5778-17-6 MW: 156.27 MOLFM: C7-H12-N2-S

SYN: 3,4-DIHYDRO-4,4,6-TRIMETHYL-2(1H)-PYRIMIDINETHIONE * 2-THIO-4,4,6-TRIMETHYL DIHYDROPYRIMIDINE * USAF K-1795

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:100 mg/kg NTIS** AD277-689

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UW5820500 2(1H)-PYRIMIDINETHIONE, 4,5,6-TRIAMINO-

UPDT:8305 MW: 157.22 MOLFM: C4-H7-N5-S

SYN: 4,5,6-TRIAMINO-2-MERCAPTOPYRIMIDINE * 4,5,6-TRIAMINO-2(1H)-PYRIMIDINETHIONE

MUTATION DATA AND REFERENCES:

pic-esc 1 gm/L ZAPOAK 12,583,72

UW5850000 PYRIMIDINE, 2-((3,4,4-TRIFLUORO-3-BUTENYL)THIO)-

UPDT:8309 CAS: 4871-71-0 MW: 220.23 MOLFM: C8-H7-F3-N2-S

SYN: ENT 27,281 * R 5467 * STAUFFER R-5467 * 2-((3,4,4-TRIFLUORO-3-BUTENYL)THIO)PYRIMIDINE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:765 mg/kg ARSIM* 20,23,66

PYRIMIDINE, 2-(4-(2-(3,4,5-TRIMETHOXYCINNAMOYL)ETHYL)PIPERAZINYL)-, HYDROCHLORIDE see: SB4260000

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(2-((AMINOCARBONYL)OXY)ETHYL)-5-BUTYL- (9CI) see: CQ2311000

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-BICYCLO(3.2.1)OCT-2-EN-3-YL-5-ETHYL- (9CI) see: CQ0525000

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(2-BROMO-2-PROPENYL)-5-(1-METHYLETHYL)- (9CI) see: CQ1050000

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(2-BROMO-2-PROPENYL)-5-(1-METHYLPROPYL)- (9CI) see: CQ0700000

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-BUTYL-1-CYCLOHEXYL- see: CQ1497900

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-BUTYL-5-ETHYL- (9CI) see: CQ1575000

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-CYCLOHEPTEN-1-YL)-5-ETHYL- (9CI) see: CQ2450000

UW5954800 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-CYCLOHEPTEN-1-YL)-5-ETHYL-, mixt. with 4-BUTYL-1,2- DIPHENYL-3,5-PYRAZOLIDINEDIONE and 4-(DIMETHYLAMINO)-1,2-DIHYDRO-1,5-DIMETHYL-2-PHENYL- 3H-PYRAZOL-3-ONE

UPDT:8406 CAS: 65651-04-9 MW: 790.07 MOLFM: C19-H20-N2-O2 C13-H18-N2-O3 C13-H17-N3-O

SYN: BALIOMEL * PHENYLBUTAZONE, AMINOPYRINE combined with HEPTABARBITAL (3:7:7.5)

TOXICITY DATA AND REFERENCES:

* ims-mus LD50:1350 mg/kg OYYAA2 13,97,77

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-CYCLOHEXEN-1-YL)-1,5-DIMETHYL- see: CQ2625000

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-CYCLOHEXEN-1-YL)-1,5-DIMETHYL-, SODIUM SALT (9CI) see: CQ2800000

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-CYCLOHEXEN-1-YL)-5-ETHYL-, CALCIUM SALT (2:1) see: CQ2980000

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5,5-DIETHYL- see: CQ3500000

UW5969200 2.4.6(1H,3H,5H)-PYRIMIDINETRIONE, 5,5-DIETHYL-, mixed with 4-(DIMETHYLAMINO)-1,2-DIHYDRO- 1,5-DIMETHYL-2-PHENYL-3H-PYRAZOL-3-ONE

UPDT:8408 CAS: 8015-18-7 MW: 415.55 MOLFM: C13-H17-N3-O C8-H12-N2-O3

SYN: AMINOPYRINE-BARBITAL * BARBIMON * COTALMON * GRELAN * MATANOL * PFEFFER'S SUBSTANCE * PYRABITAL * PYRAMON * SEDALON * VERAMID * VERAMON

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T35T43T45 scu-mus TDLo:900 mg/kg (9-11D preg) TXCYAC 29,281,84

1T46 scu-mus TDLo:900 mg/kg (9-11D preg) TXCYAC 29,281,84

TOXICITY DATA AND REFERENCES:

3D17F05F12 ipr-rat LD50:476 mg/kg OYYAA2 16,229,78

* orl-mus LD50:1466 mg/kg OYYAA2 8,453,74

3D28F17J25 ipr-mus LD50:450 mg/kg OYYAA2 16,229,78

orl-mky LDLo:1 gm/kg HBAMAK 4,1289,35

orl-rbt LDLo:1200 mg/kg HBAMAK 4,1289,35

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UW5969210 2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5,5-DIETHYL-, mixed with 4-(DIMETHYLAMINO)-1,2-DIHYDRO- 1,5-DIMETHYL-2-PHENYL-3H-PYRAZOL-3-ONE, SODIUM SALICYLATE, CALCIUM BROMIDE, and GLUCOSE (3:8:10:40)

UPDT:8412

TOXICITY DATA AND REFERENCES:

3D17D28R21 ipr-rat LD50:2196 mg/kg OYYAA2 16,229,78

* ivn-rat LD50:1784 mg/kg OYYAA2 16,229,78

3D28F17J25 ipr-mus LD50:2364 mg/kg OYYAA2 16,229,78

* ivn-mus LD50:1632 mg/kg OYYAA2 16,229,78

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5,5-DIETHYL-, MONOSODIUM SALT (9CI) see: CQ3850000

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5,5-DI-2-PROPENYL- (9CI) see: CQ3325000

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-ETHYL-1,3-BIS(METHOXYMETHYL)-5-PHENYL- (9CI) see: CQ0560000

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-ETHYL-5-HEXYL-, MONOSODIUM SALT (9CI) see: CQ4900000

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-ETHYL-5-(1-METHYLBUTYL)- (9CI) see: CQ5775000

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-ETHYL-5-(1-METHYLBUTYL)-, MONOSODIUM SALT (9CI) see: CQ6125000

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-ETHYL-5-(1-METHYLPROPYL)- (9CI) see: CQ1750000

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-ETHYL-5-PHENYL- see: CQ6825000

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-ETHYL-5-PHENYL-1,3-BIS(1-PIPERIDINYLMETHYL)- (9CI) see: CQ0660000

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-ETHYL-5-PHENYL-, MONOSODIUM SALT (9CI) see: CQ7000000

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(2-HYDROXYPROPYL)-5-(2-PROPENYL)- (9CI) see: CP8575000

2,4,6(1H,3H,5H)-PYRIMIDINITRIONE, 5-(1-METHYLBUTYL)-5-(2-PROPENYL)- (9CI) see: CP9450000

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-METHYLBUTYL)-5-(2-PROPENYL)-, (+-)- (9CI) see: CP9450100

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-METHYLBUTYL)-5-(2-PROPENYL)-, MONOSODIUM SALT (9CI) see: CP9800000

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-METHYLBUTYL)-5-(2-PROPENYL)-, (R)- (9CI) see: CP9450200

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-METHYLBUTYL)-5-(2-PROPENYL)-, (S)- (9CI) see: CP9450300

2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-METHYLETHYL)-5-(2-PROPENYL)- see: CP8925000
2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-METHYLPROPYL)-5-(2-PROPENYL)- (9CI) see: CP8225000

UW5976050 PYRIMIDINE, 2,4,6-TRIS(1-AZIRIDINYL)-
UPDT:8401 CAS: 13922-82-2 MW: 191.27 MOLFM: C9-H13-N5
SYN: 2,4,6-TRIETHYLENEIMINOPYRIMIDINE * 2,4,6-TRIS(1-AZIRIDINYL)PYRIMIDINE
MUTATION DATA AND REFERENCES:
mmo-asn 1700 umol/L MUREAV 14,115,72
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

4-PYRIMIDINOL see: UW7350100

UW5993000 4-PYRIMIDINOL, 6-AMINO-5-BUTYL-
UPDT:8303 MW: 167.24 MOLFM: C8-H13-N3-O
SYN: 6-AMINO-5-BUTYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:299 mg/kg CPBTAL 11,495,63

UW5994000 4-PYRIMIDINOL, 6-AMINO-5-BUTYL-2-METHYL-
UPDT:8303 MW: 181.27 MOLFM: C9-H15-N3-O
SYN: 6-AMINO-5-BUTYL-2-METHYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:320 mg/kg CPBTAL 11,495,63

UW5997000 4-PYRIMIDINOL, 6-AMINO-5-DECYL-
UPDT:8303 MW: 251.42 MOLFM: C14-H25-N3-O
SYN: 6-AMINO-5-DECYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:425 mg/kg CPBTAL 11,495,63

UW6002000 4-PYRIMIDINOL, 6-AMINO-2,5-DIMETHYL-
UPDT:8303 MW: 139.18 MOLFM: C6-H9-N3-O
SYN: 6-AMINO-2,5-DIMETHYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:257 mg/kg CPBTAL 11,495,63

UW6003000 4-PYRIMIDINOL, 6-AMINO-5-ETHYL-
UPDT:8303 MW: 139.18 MOLFM: C6-H9-N3-O
SYN: 6-AMINO-5-ETHYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:257 mg/kg CPBTAL 11,495,63

UW6004000 4-PYRIMIDINOL, 6-AMINO-5-ETHYL-2-METHYL-
UPDT:8303 MW: 153.21 MOLFM: C7-H11-N3-O
SYN: 6-AMINO-5-ETHYL-2-METHYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:278 mg/kg CPBTAL 11,495,63

UW6012000 4-PYRIMIDINOL, 2-AMINO-6-((3-MERCAPTO-6-METHYL-2-PYRIDINYL)AMINO)-
UPDT:8303 MW: 249.32 MOLFM: C10-H11-N5-O-S
SYN: 2-AMINO-6-((3-MERCAPTO-6-METHYL-2-PYRIDINYL)AMINO)-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
3F12F17J30 ipr-mus LD50:17600 ug/kg CPBTAL 30,302,82

UW6013000 4-PYRIMIDINOL, 6-AMINO-2-METHYL-5-OCTYL-
UPDT:8303 MW: 237.39 MOLFM: C13-H23-N3-O
SYN: 6-AMINO-2-METHYL-5-OCTYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:404 mg/kg CPBTAL 11,495,63

UW6014000 4-PYRIMIDINOL, 6-AMINO-2-METHYL-5-PENTYL-
UPDT:8303 MW: 195.30 MOLFM: C10-H17-N3-O
SYN: 6-AMINO-2-METHYL-5-PENTYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:341 mg/kg CPBTAL 11,495,63

UW6015000 4-PYRIMIDINOL, 6-AMINO-2-METHYL-5-PROPYL-
UPDT:8303 MW: 167.24 MOLFM: C8-H13-N3-O
SYN: 6-AMINO-2-METHYL-5-PROPYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:299 mg/kg CPBTAL 11,495,63

UW6016000 4-PYRIMIDINOL, 6-AMINO-5-OCTYL-
UPDT:8303 MW: 223.36 MOLFM: C12-H21-N3-O
SYN: 6-AMINO-5-OCTYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:383 mg/kg CPBTAL 11,495,63

UW6017000 4-PYRIMIDINOL, 6-AMINO-5-PENTYL-
UPDT:8303 MW: 181.27 MOLFM: C9-H15-N3-O
SYN: 6-AMINO-5-PENTYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:320 mg/kg CPBTAL 11,495,63

UW6018000 4-PYRIMIDINOL, 6-AMINO-5-PROPYL-
UPDT:8303 MW: 153.21 MOLFM: C7-H11-N3-O
SYN: 6-AMINO-5-PROPYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:278 mg/kg CPBTAL 11,495,63

5-PYRIMIDINOL, 2-AMINO-1,4,5,6-TETRAHYDRO-, BENZOATE (ester), MONOHYDROCHLORIDE (9CI) see: UW6170000

UW6022000 4-PYRIMIDINOL, 5-BUTYL-
UPDT:8303 MW: 152.22 MOLFM: C8-H12-N2-O
SYN: 5-BUTYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:276 mg/kg CPBTAL 11,495,63

UW6025000 4-PYRIMIDINOL, 5-BUTYL-2-DIMETHYLAMINO-6-METHYL-
UPDT:8405 CAS: 5221-53-4 MW: 209.33 MOLFM: C11-H19-N3-O
SYN: 5-n-BUTYL-2-DIMETHYLAMINO-4-HYDROXY-6-METHYLPYRIMIDINE * 5-BUTYL-2-(DIMETHYLAMINO)-6-METHYL-4-PYRIMIDINOL * 5-BUTYL-7 (DIMETHYLAMINO)-6-METHYL-4(1H)-PYRIMIDINONE * DIMETHIRIMOL * 2-DIMETHYLAMINO-4-HYDROXY-5-n-BUTYL-6-METHYLPYRIMIDINE * 2-DIMETHYLAMINO-4-METHYL-5-n-BUTYL-6-HYDROXYPYRIMIDINE * METHYRIMOL * MILCURB * PP 675
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2350 mg/kg WRPCA2 9,119,70
ipr-rat LDLo:200 mg/kg NATUAS 219,1160,68
orl-mus LD50:800 mg/kg 28ZEAL 5,79,76
unk-mam LD50:4000 mg/kg 30ZDA9 -,423,71

UW6030000 4-PYRIMIDINOL, 5-BUTYL-6-METHYL-
UPDT:8303 MW: 166.25 MOLFM: C9-H14-N2-O
SYN: 5-BUTYL-6-METHYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES
* ipr-mus LD50:297 mg/kg CPBTAL 11,495,63

UW6100000 4-PYRIMIDINOL, 5-DECYL-2,6-DIMETHYL-
UPDT:8303 MW: 264.46 MOLFM: C16-H28-N2-O
SYN: 5-DECYL-2,6-DIMETHYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:423 mg/kg CPBTAL 11,495,63

UW6128000 2-PYRIMIDINOL, 5,6-DIPHENYL-
UPDT:8305 MW: 248.30 MOLFM: C16-H12-N2-O
SYN: 5,6-DIPHENYL-2-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
1C08 ipr-rat LD50:500 mg/kg AIPTAK 95,123,53

UW6130000 4-PYRIMIDINOL, 5-DODECYL-6-METHYL-
UPDT:8303 MW: 278.49 MOLFM: C17-H30-N2-O
SYN: 5-DODECYL-6-METHYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:465 mg/kg CPBTAL 11,495,63

UW6140000 4-PYRIMIDINOL, 5-ETHOXY-
UPDT:8303 MW: 140.16 MOLFM: C6-H8-N2-O2
SYN: 5-ETHOXY-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:258 mg/kg CPBTAL 11,495,63

UW6150000 4-PYRIMIDINOL, 5-ETHOXY-2-ETHYL-
UPDT:8303 MW: 168.22 MOLFM: C8-H12-N2-O2
SYN: 5-ETHOXY-2-ETHYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg CPBTAL 11,495,63

UW6160000 4-PYRIMIDINOL, 5-ETHYL-6-METHYL-
UPDT:8303 MW: 138.19 MOLFM: C7-H10-N2-O
SYN: 5-ETHYL-6-METHYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:255 mg/kg CPBTAL 11,495,63

UW6170000 5-PYRIMIDINOL, HEXAHYDRO-2-IMINO-, BENZOATE (ester), MONOHYDROCHLORIDE
UPDT:8303 CAS: 19623-16-6 MW: 255.73 MOLFM: C11-H13-N3-O2 .Cl-H
SYN: 5-BENZOYLOXY-2-IMINOHEXAHYDROPYRIMIDINE HYDROCHLORIDE * HEXAHYDRO-2-IMINO-5-PYRIMIDINOL BENZOATE (ester) HYDROCHLORIDE * HM 197 * 5-PYRIMIDINOL, 2-AMINO-1,4,5,6-TETRAHYDRO-, BENZOATE (ester), MONOHYDROCHLORIDE (9CI)
TOXICITY DATA AND REFERENCES:
3C08F07F12 ipr-mus LD50:153 mg/kg AIPTAK 175,193,68

UW6180000 4-PYRIMIDINOL, 5-HEXYL-
UPDT:8303 MW: 180.28 MOLFM: C10-H16-N2-O
SYN: 5-HEXYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:318 mg/kg CPBTAL 11,495,63

UW6190000 4-PYRIMIDINOL, 5-HEXYL-5-METHYL-
UPDT:8303 MW: 194.31 MOLFM: C11-H18-N2-O
SYN: 5-HEXYL-6-METHYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:339 mg/kg CPBTAL 11,495,63

4-PYRIMIDINOL, 2-ISOPROPYL-6-METHYL-, O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE see: TF3325000
4-PYRIMIDINOL, 2-MERCAPTO- see: YR1575000

UW6830000 6-PYRIMIDINOL, 2-MERCAPTO-4-PHENYL-
UPDT:8305 MW: 204.26 MOLFM: C10-H8-N2-O-S
SYN: 2-MERCAPTO-4-PHENYL-6-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
1F17 ipr-rat LD50:600 mg/kg AIPTAK 95,123,53

UW6850000 4-PYRIMIDINOL, 5-METHYL-
UPDT:8303 CAS: 17758-52-0 MW: 110.13 MOLFM: C5-H6-N2-O
SYN: 5-METHYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:213 mg/kg CPBTAL 11,495,63

UW6851000 4-PYRIMIDINOL, 6-METHYL-
UPDT:8401 CAS: 3524-87-6 MW: 110.13 MOLFM: C5-H6-N2-O
SYN: 6-METHYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:213 mg/kg CPBTAL 11,495,63
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UW6950000 4-PYRIMIDINOL, 6-METHYL-5-OCTYL-
UPDT:8303 MW: 222.37 MOLFM: C13-H22-N2-O
SYN: 6-METHYL-5-OCTYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:381 mg/kg CPBTAL 11,495,63

UW6960000 4-PYRIMIDINOL, 6-METHYL-5-PENTYL-
UPDT:8303 MW: 180.28 MOLFM: C10-H16-N2-O
SYN: 6-METHYL-5-PENTYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:318 mg/kg CPBTAL 11,495,63

UW6965000 4-PYRIMIDINOL, 6-METHYL-2-(PHENOXYMETHYL)-
UPDT:8407 MW: 216.26 MOLFM: C12-H12-N2-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:390 mg/kg PCJOAU 12,620,78

UW6970000 2-PYRIMIDINOL, 5-METHYL-6-PHENYL-
UPDT:8305 MW: 186.23 MOLFM: C11-H10-N2-O
SYN: 5-METHYL-6-PHENYL-2-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
1F17 ipr-rat LD50:400 mg/kg AIPTAK 95,123,53

UW6980000 4-PYRIMIDINOL, 6-METHYL-5-PROPYL-
UPDT:8303 MW: 152.22 MOLFM: C8-H12-N2-O
SYN: 6-METHYL-5-PROPYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:276 mg/kg CPBTAL 11,495,63

UW7060000 4-PYRIMIDINOL, 5-PHENYL-
UPDT:8303 CAS: 22433-69-8 MW: 172.20 MOLFM: C10-H8-N2-O
SYN: 5-PHENYL-4-PYRIMIDINOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:306 mg/kg CPBTAL 11,495,63

UW7175000 4-PYRIMIDINOL, 2,5,6-TRIAMINO-, HYDROGEN SULFATE (ester)
UPDT:8407 CAS: 1603-02-7 MW: 221.22 MOLFM: C4-H7-N5-O4-S
SYN: 4-PYRIMIDINOL, 2,5,6-TRIAMINO-, MONOSULFATE
TOXICITY DATA AND REFERENCES:
par-mus LDLo:800 mg/kg CBCCT* 7,694,55

4-PYRIMIDINOL, 2,5,6-TRIAMINO-, MONOSULFATE see: UW7175000

UW7350100 4(1H)-PYRIMIDINONE
UPDT:8401 CAS: 4562-27-0 MW: 96.10 MOLFM: C4-H4-N2-O
SYN: DEAMINOISOCYTOSINE * 4-HYDROXYPYRIMIDINE * 6-HYDROXYPYRIMIDINE * 4-OXYPYRIMIDINE * 4-PYRIMIDINOL
MUTATION DATA AND REFERENCES:
pic-esc 1 gm/L ZAPOAK 12,583,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UW7350200 2(1H)-PYRIMIDINONE, 4-AMINO-1-(4-AMINO-6-O-(3-AMINO-3-DEOXY-beta -D-GLUCOPYRANOSYL)-4-DEOXY- D-GLYCERO-D-GALACTO-beta-D-GLUCO-UNDECOPYRANOSYL)-
UPDT:8309 CAS: 12706-94-4 MW: 583.63 MOLFM: C21-H37-N5-O14
SYN: ANTHELMYCIN * ANTIBIOTIC 33876 * HIKIZIMYCIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:125 mg/kg 85GDA2 5,227,81
* ivn-mus LD50:5 mg/kg 85ERAY 2,1107,78

2(1H)-PYRIMIDINONE, 4-AMINO-1-beta-D-ARABINOFURANOSYL- (9CI) see: HA5425000

UW7350800 2(1H)-PYRIMIDINONE, 4-AMINO-1-beta-D-ARABINOFURANOSYL-, MONOHEXADECANOATE (ESTER)
UPDT:8408 CAS: 41948-17-8 MW: 481.71 MOLFM: C25-H43-N3-O6
SYN: ARA-CP * ARA-C PALMITATE * CYTOSINE ARABINOSIDE PALMITATE
MUTATION DATA AND REFERENCES:
dni-rat-ipr 200 mg/kg TJADAB 7,219,73

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T33T34T41 ipr-rat TDLo:200 mg/kg (12D preg) TJADAB 7,219,73
3T43T45T46 ipr-rat TDLo:200 mg/kg (12D preg) TJADAB 7,219,73
2T34T59 ipr-rat TDLo:200 mg/kg (12D preg) TJADAB 4,240,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2(1H)-PYRIMIDINONE, 4-AMINO-1-beta-D-ARABINOFURANOSYL-, MONOHYDROCHLORIDE see: HA5500000

UW7370000 2(1H)-PYRIMIDINONE, 4-AMINO-1-beta-D-RIBOFURANOSYL-
UPDT:8305 CAS: 65-46-3 MW: 243.25 MOLFM: C9-H13-N3-O5
SYN: 4-AMINO-1-beta-D-RIBOFURANOSYL-2(1H)-PYRIMIDINONE * CYTIDINE * CYTOSINE RIBOSIDE * 1-beta-RIBOFURANOSYLCYTOSINE
MUTATION DATA AND REFERENCES:
pic-esc 1 gm/L ZAPOAK 12,583,72
oms-hmn:oth 100 umol/L JIDEAE 65,52,75
dnd-mam:lym 150 umol/L PNASA6 48,686,62
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:2700 mg/kg RPTOAN 40,66,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UW7380000 4(1H)-PYRIMIDINONE, 5-BUTYL-2-(ETHYLAMINO)-6-METHYL-
UPDT:8403 CAS: 23947-60-6 MW: 209.33 MOLFM: C11-H19-N3-O
SYN: 5-n-BUTYL-2-ETHYLAMINO-4-HYDROXY-6-METHYL-PYRIMIDINE * 5-BUTYL-2-(ETHYLAMINO)-6-METHYL-4(1H)-PYRIMIDINONE * ETHIRIMOL * 2-ETHYLAMINO-4-METHYL-5-n-BUTYL-6-HYDROXYPYRIMIDINE * MILCURB * MILCURB SUPER * MILGO * MILGO E * MILSTEM * MILSTEM SEED DRESSING * NEW MILSTEM * PP149
MUTATION DATA AND REFERENCES:
mmo-smc 50 ppm RSTUDV 6,161,76
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4000 mg/kg 28ZEAL 5,106,76
* unk-mus LD50:4 gm/kg TGANAK 16(1),45,82
ivn-mus LD50:800 mg/kg CHINAG (42),1512,69
orl-cat LD50:1000 mg/kg CHINAG (42),1512,69
orl-rbt LD50:1000 mg/kg CHINAG (42),1512,69
orl-gpg LD50:500 mg/kg CHINAG (42),1512,69

UW7380500 2(1H)-PYRIMIDINONE, 5-CHLORO-
UPDT:8303 MW: 130.54 MOLFM: C4-H3-Cl-N2-O
SYN: 5-CHLOROPYRIMIDIN-2-ONE * 5-CHLORO-2(1H)-PYRIMIDINONE * NY 3000
MUTATION DATA AND REFERENCES:
dni-hmn:oth 8 mmol/L CNREA8 38,560,78
oms-hmn:oth 500 umol/L CNREA8 38,560,78

4(1H)-PYRIMIDINONE, 2,3-DIHYDRO-6-METHYL-2-THIOXO- see: YR0875000
4(1H)-PYRIMIDINONE, 2,3-DIHYDRO-6-PROPYL-2-THIOXO- see: YR1400000

UW7522000 2(1H)-PYRIMIDINONE, 4-HYDRAZINO-1-(2-DEOXY-beta-D-erythro-PENTAFURANOSYL)-
UPDT:8403 MW: 242.27 MOLFM: C9-H14-N4-O4
SYN: N(4)-AMINO-2'-DEOXYCYTIDINE * 4-HYDRAZINO-1-(2-DEOXY-beta-D-erythro-PENTAFURANOSYL)-2(1H)-PYRIMIDINONE
MUTATION DATA AND REFERENCES:
mmo-sat 150 nmol/plate NARHAD 11,5223,83
mma-sat 150 nmol/plate NARHAD 11,5223,83
mmo-esc 600 mg/L MUREAV 23,267,74
mma-esc 100 nmol/plate NARHAD 11,5223,83
mmo-omi 100 mg/L MUREAV 23,267,74

UW7523000 4(1H)-PYRIMIDINONE, 6-HYDROXY-
UPDT:8401 CAS: 1193-24-4 MW: 112.10 MOLFM: C4-H4-N2-O2
SYN: 4,6-DIHYDROXYPYRIMIDIN (German) * 6-HYDROXY-4(1H)-PYRIMIDINONE * 4,6-PYRIMIDINEDIOL
MUTATION DATA AND REFERENCES:
pic-esc 1 gm/L ZAPOAK 12,583,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UW7582500 2(1H)-PYRIMIDINONE, TETRAHYDRO-1,3-DIMETHYL-
UPDT:8407 CAS: 7226-23-5 MW: 128.20 MOLFM: C6-H12-N2-O
SYN: N,N'-DIMETHYLTRIMETHYLENEUREA * TETRAHYDRO-1,3-DIMETHYL-2(1H)PYRIMIDINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1300 mg/kg JMCMAR 11,214,68

UW7583000 2(1H)-PYRIMIDINONE, TETRAHYDRO-5,5-DIMETHYL-, (3-(4-TRIFLUOROMETHYL)PHENYL-1-(2-(4-TRIFLUORO METHYL)PHENYL)ETHENYL)-2-PROPENYLIDENE)HYDRAZONE
UPDT:8310 CAS: 67485-29-4 MW: 494.53 MOLFM: C25-H24-F6-N4
SYN: AC 217300 * AMDRO * CL 217300
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1131 mg/kg FMCHA2 -,C12,83
* orl-qal LD50:1828 mg/kg FMCHA2 -,C12,83

UW7587000 2(1H)-PYRIMIDINONE, TETRAHYDRO-1-(((5-NITRO-2-FURANYL)METHYLENE)AMINO)-
UPDT:8406 CAS: 75888-03-8 MW: 238.23 MOLFM: C9-H10-N4-O4
SYN: FURAPYRIMIDONE * 1-((5-NITROFURANYL-2)METHYLENEAMINO)TETRAHYDROPYRIMIDONE-2-ONE * 2(1H)-PYRIMIDINONE, TETRAHYDRO-1-((5-NITROFURFURYLIDENE)AMINO)- * TETRAHYDRO-1-(5-NITROFURFURYLIDENEAMINO)-2-PYRIMIDONE
TOXICITY DATA AND REFERENCES:
3F12F17J26 orl-mus LD50:243 mg/kg CYLPDN 1,56,80
3F25J25M16 ipr-mus LD50:720 mg/kg JPPMAB 16,663,64

2(1H)-PYRIMIDINONE, TETRAHYDRO-1-((5-NITROFURFURYLIDENE)AMINO)- see: UW7587000

UW7588000 2(1H)-PYRIMIDINONE, TETRAHYDRO-1-(((5-NITRO-2-FUROYL)METHYLENE)AMINO)-
UPDT:8406 MW: 266.24 MOLFM: C10-H10-N4-O5
SYN: TETRAHYDRO-1-(((5-NITRO-2-FUROYL)METHYLENE)AMINO)-2(1H)-PYRIMIDINONE * TETRAHYDRO-1-(5-NITRO-2-FURYLGLYOXYLIDENEAMINO)-2-PYRIMIDONE
TOXICITY DATA AND REFERENCES:
3F25J25M16 ipr-mus LD50:1100 mg/kg JPPMAB 16,663,64

UW7591000 4(1H)-PYRIMIDINONE, 2,5,6-TRIAMINO-
UPDT:8307 MW: 141.16 MOLFM: C4-H7-N5-O
SYN: 2,4,5-TRIAMINO-6-OXYPYRIMIDINE * 2,5,6-TRIAMINO-4(1H)-PYRIMIDINONE
MUTATION DATA AND REFERENCES:
pic-esc 1 gm/L ZAPOAK 12,583,72

2,4,5,6-PYRIMIDINTETRON (Czech) see: BA4200000
N(sup 1)-2-PYRIMIDINYL-SULFANILAMIDE see: WP1925000
N(sup 1)-2-PYRIMIDINYLSULFANILAMIDE MONOSODIUM SALT see: WP2000000

UW7681550 6H-PYRIMIDO(4,5-b)(1,4)BENZOTHIAZINE, 7,8-DIHYDRO-9-AMINO-7,7-DIMETHYL-4-(DIMETHYLAMINO)-, HYDROBROMIDE
UPDT:8303 MW: 370.36 MOLFM: C14-H19-N5-S .Br-H
SYN: 7,8-DIHYDRO-9-AMINO-7,7-DIMETHYL-4-(DIMETHYLAMINO)-6H-PYRIMIDO(4,5-b)(1,4)BENZOTHIAZINE HBr
TOXICITY DATA AND REFERENCES:
2F07F23 orl-mus LD50:340 mg/kg PCJOAU 15,785,81
2F07F23 scu-mus LD50:270 mg/kg PCJOAU 15,785,81

UW7681600 6H-PYRIMIDO(4,5-b)(1,4)BENZOTHIAZINE, 7,8-DIHYDRO-9-AMINO-7,7-DIMETHYL-4-(METHYLAMINO)-, HYDROBROMIDE
UPDT:8303 MW: 356.33 MOLFM: C13-H17-N5-S .Br-H
SYN: 7,8-DIHYDRO-9-AMINO-7,7-DIMETHYL-4-(METHYLAMINO)-6H-PYRIMIDO(4,5-b)(1,4)BENZOTHIAZINE HBr
TOXICITY DATA AND REFERENCES:
2F07F23 orl-mus LD50:750 mg/kg PCJOAU 15,785,81

UW7681650 6H-PYRIMIDO(4,5-b)(1,4)BENZOTHIAZINE, 7,8-DIHYDRO-9-(BENZYLAMINO)-7,7-DIMETHYL-4- (DIMETHYLAMINO)-, HYDROBROMIDE
UPDT:8303 MW: 460.49 MOLFM: C21-H25-N5-S .Br-H
TOXICITY DATA AND REFERENCES:
3F07F17F23 orl-mus LD50:145 mg/kg PCJOAU 15,785,81

UW7681700 6H-PYRIMIDO(4,5-b)(1,4)BENZOTHIAZINE, 7,8-DIHYDRO-9-(BENZYLAMINO)-7,7-DIMETHYL-4- (METHYLAMINO)-, HYDROBROMIDE
UPDT:8303 MW: 446.46 MOLFM: C20-H23-N5-S .Br-H
TOXICITY DATA AND REFERENCES:
3F07F17F23 orl-mus LD50:33 mg/kg PCJOAU 15,785,81
3F07F13F23 scu-mus LD50:25500 ug/kg PCJOAU 15,785,81

UW7681730 6H-PYRIMIDO(4,5-b)(1,4)BENZOTHIAZINE, 7,8-DIHYDRO-9-(3,4-DIMETHOXYPHENETHYLAMINO)-7,7- DIMETHYL-4-METHOXY-, HYDROBROMIDE, HYDRATE
UPDT:8303 MW: 538.54 MOLFM: C23-H27-N4-O3-S .Br-H .H2-O
TOXICITY DATA AND REFERENCES:
2F07F23 orl-mus LD50:295 mg/kg PCJOAU 15,785,81
2F07F23 scu-mus LD50:205 mg/kg PCJOAU 15,785,81

UW7681760 6H-PYRIMIDO(4,5-b)(1,4)BENZOTHIAZINE, 7,8-DIHYDRO-9-(3,4-DIMETHOXYPHENETHYLAMINO)-7,7- DIMETHYL-4-(METHYLAMINO)-, HYDROBROMIDE, HYDRATE
UPDT:8303 MW: 538.57 MOLFM: C23-H29-N5-O2-S .Br-H .H2-O
TOXICITY DATA AND REFERENCES:
2F07F23 orl-mus LD50:290 mg/kg PCJOAU 15,785,81
2F07F23 scu-mus LD50:235 mg/kg PCJOAU 15,785,81

UW7681800 5H-PYRIMIDO(4,5-b)(1,4)BENZOTHIAZINE, 7,8-DIHYDRO-7,7-DIMETHYL-4-(DIMETHYLAMINO)-9-(alpha- METHYLPHENETHYLAMINO)-, HYDROBROMIDE
UPDT:8303 MW: 488.55 MOLFM: C23-H29-N5-S .Br-H
TOXICITY DATA AND REFERENCES:
2F07F23 orl-mus LD50:340 mg/kg PCJOAU 15,785,81
2F07F23 scu-mus LD50:280 mg/kg PCJOAU 15,785,81

UW7681850 6H-PYRIMIDO(4,5-b)(1,4)BENZOTHIAZINE, 7,8-DIHYDRO-7,7-DIMETHYL-4-METHOXY-9-(alpha- METHYLPHENETHYLAMINO)-, HYDROBROMIDE
UPDT:8303 MW: 475.50 MOLFM: C22-H26-N4-O-S .Br-H
TOXICITY DATA AND REFERENCES:
2F07F23 orl-mus LD50:750 mg/kg PCJOAU 15,785,81

UW7681900 6H-PYRIMIDO(4,5-b)(1,4)BENZOTHIAZINE, 7,8-DIHYDRO-7,7-DIMETHYL-4-(METHYLAMINO)-9-(alpha- METHYLPHENETHYLAMINO)-, HYDROBROMIDE
UPDT:8303 MW: 474.52 MOLFM: C22-H27-N5-S .Br-H
TOXICITY DATA AND REFERENCES:
2F07F23 orl-mus LD50:410 mg/kg PCJOAU 15,785,81
2F07F23 scu-mus LD50:345 mg/kg PCJOAU 15,785,81

PYRIMIDONE MEDI-PETS see: UV9100000
PYRIMIDO(5,4-d)PYRIMIDINE, 2,6-BIS(BIS(2-HYDROXYETHYL)AMINO)-4,8-DIPIPERIDINO- see: KK7450000

UW7860000 7H-PYRIMIDO(4,5-b)(1,4)THIAZIN-6-AMINE, 4-METHOXY-, MONOHYDROCHLORIDE
UPDT:8302 CAS: 50602-44-3 MW: 232.71 MOLFM: C7-H8-N4-O-S .Cl-H
SYN: THOMIZINE * TOMIZINE
MUTATION DATA AND REFERENCES:
sln-dmg-orl 400 mg/L PCJOAU 15,772,81
cyt-mus-ipr 3 mg/kg PCJOAU 15,772,81
spm-mus-ipr 90 mg/kg PCJOAU 15,772,81
TOXICITY DATA AND REFERENCES:
1P26 ipr-rat LD50:170 mg/kg FATOAO 42,85,79
* ipr-mus LD50:180 mg/kg PCJOAU 15,772,81

UW7874000 PYRIMIDO(4,5-e)-as-TRIAZINE-3-ACETIC ACID, 5,6,7,8-TETRAHYDRO-alpha-CYANO-6,8-DIOXO-, ETHYL ESTER
UPDT:8303 MW: 276.24 MOLFM: C10-H8-N6-O4
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:200 mg/kg PCJOAU 15,789,81

PYRIMIDO(4,5-e)-as-TRIAZINE-6(5H),8(7H)-DIONE, 3-DICYANOMETHYL-5,7-DIMETHYL- see: OO3746700

UW7875000 PYRIMIDO(5,4-e)-as-TRIAZINE-5,7-(1H,6H)-DIONE, 1,6-DIMETHYL-
UPDT:8403 CAS: 84-82-2 MW: 193.19 MOLFM: C7-H7-N5-O2
SYN: 1,6-DIMETHYL-5,7-DIOXO-1,5,6,7-TETRAHYDROPYRIMIDO(5,4-E)-as-TRIAZINE-5,7(1H,6H)-DIONE * 1,6-DIMETHYLPYRIMIDO(5,4-e)-as-TRIAZINE-5,7(1H,6H)-DIONE * TOXOFLAVIN * TOXOFLAVINE * XANTHOTHRICIN
TOXICITY DATA AND REFERENCES:
3M14K12D17 orl-mus LD50:8400 ug/kg ANTCAO 4,259,54
* ivn-mus LD50:1700 ug/kg MEIEDD 10,1367,83

UW7900000 PYRIMIDO(5,4-e)-as-TRIAZINE-5,7(6H,8H)-DIONE, 6,8-DIMETHYL-
UPDT:8310 CAS: 483-57-8 MW: 193.19 MOLFM: C7-H7-N5-O2
SYN: 10204-BII * COMPOUND 7215 * 6,8-DIMETHYLPYRIMIDO(5,4-e)-as-TRIAZINE-5,7(6H,8H)-DIONE * FERVENULIN * FERVENULINE * PLANOMYCIN * PULANOMYCIN * PYRIMIDO(5,4-e)-1,2,4-TRIAZINE-5,7(6H,8H)-DIONE, 6,8-DIMETHYL- * U-7118
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:11200 ug/kg 85GDA2 5,198,81
* ivn-mus LD50:15 gm/kg 85GDA2 5,199,81
* unk-mus LD50:20 mg/kg 85FZAT -,518,67

PYRIMIDO(5,4-e)-1,2,4-TRIAZINE-5,7(6H,8H)-DIONE, 6,8-DIMETHYL- see: UW7900000
PYRIMIDO(4,5-e)-as-TRIAZINE-6(5H),8(7H)-DIONE, 3-ISONICOTINOYLHYDRAZINO-, DIHYDRATE see: NS1425000

UW7940000 PYRIMIDO(4,5-e)-as-TRIAZINE-6(5H),8(7H)-DIONE, 3-(2-(5-NITROFURFURYLIDENE)HYDRAZINO)-
UPDT:8303 MW: 318.24 MOLFM: C10-H6-N8-O5
SYN: 3-(2-(5-NITROFURFURYLIDENE)HYDRAZINO)PYRIMIDO(4,5-e)-as-TRIAZINE-6(5H),8(7H)-DIONE
TOXICITY DATA AND REFERENCES:
2F29Y55 unk-mam LD50:200 mg/kg PCJOAU 15,789,81

UW7945000 PYRIMIDO(4,5-e)-as-TRIAZINE-6(5H),8(7H)-DIONE, 3-(THIADIAZO-2'-YLAMINO)-
UPDT:8303 MW: 264.25 MOLFM: C7-H4-N8-O2-S
SYN: 3-(THIADIAZO-2'-YLAMINO)-PYRIMIDO(4,5-e)-as-TRIAZINE-6(5H),8(7H)-DIONE * 3-(THIADIAZO-2'-YLAMINO)-5,6,7,8-TETRAHYDROPYRIMIDO(4,5-e)(1,2,4)TRIAZINE-6,8-DIONE
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:200 mg/kg PCJOAU 15,789,81

1-(2-PYRIMIDYL)-4-PIPERONYLPIPERAZINE see: UV9704000
1-(2''-PYRIMIDYL)-4-PIPERONYL PIPERAZINE see: UV9704000
PYRIMINIL see: YT9690000
PYRIMINYL see: YT9690000
PYRIMIPHOS METHYL see: TF1410000
PYRIMOR see: EZ9100000
PYRINAMINE see: US3150000
PYRINAMINE BASE see: US2800000
PYRINAZINE see: AE4200000

UW8800000 1H-1-PYRINDINE-3-CARBOXYLIC ACID, 4,5,6,7-TETRAHYDRO-2,6-DIMETHYL-5,7-DIOXO- 4-(3,4,5-TRIMETHOXYPHENYL)-, ETHYL ESTER
UPDT:8306 CAS: 78050-77-8 MW: 415.48 MOLFM: C22-H25-N-O7

TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LD50:5000 mg/kg PCJOAU 15,17,81

beta-PYRINE see: UR2450000
PYRINEX see: TF6300000
PYRINISTAB see: UT1400000
PYRINISTOL see: UT1400000
PYRIPYRIDIUM see: US7875000
PYRIPYRIDIUM see: US7700000
PYRISEPT see: UU4900000
PYRISTAN see: DO7525000
PYRITHEN see: US7350000
PYRITHIONE ZINC see: ZH0950000
PYRITHIOXIN see: UT4900000
PYRIZIDIN see: NS1750000
PYRIZIN see: US7875000
PYRKAPPL see: BZ3400000 o-ANISAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-SULFAMOYL-
PYROACE see: UX9450000
PYROACETIC ACID see: AL3150000
PYROACETIC ETHER see: AL3150000
PYROBENZOL see: CY1400000
PYROBENZOLE see: CY1400000
PYROCATECHIN see: UX1050000
PYROCATECHINE see: UX1050000
PYROCATECHINIC ACID see: UX1050000

UX1050000 PYROCATECHOL
UPDT:8407 CAS: 120-80-9 MW: 110.12 MOLFM: C6-H6-O2
SYN: BENZENE, o-DIHYDROXY- * o-BENZENEDIOL * 1,2-BENZENEDIOL * CATECHIN * CATECHOL * C.I. 76500 * C.I. OXIDATION BASE 26 * o-DIHYDROXYBENZENE * 1,2-DIHYDROXYBENZENE * o-DIOXYBENZENE * o-DIPHENOL * DURAFUR DEVELOPER C * FOURAMINE PCH * FOURRINE 68 * o-HYDROQUINONE * o-HYDROXYPHENOL * 2-HYDROXYPHENOL * NCI-C55856 * OXYPHENIC ACID * PELAGOL GREY C * o-PHENYLENEDIOL * PYROCATECHIN * PYROCATECHINE * PYROCATECHINIC ACID * PYROCATECHUIC ACID

MUTATION DATA AND REFERENCES:
mmo-sat 15 umol/plate PAACA3 20,117,79
mma-sat 4 ug/plate ABCHA6 45,327,81
mrc-smc 300 mg/L MUREAV 135,109,84
dni-hmn:hla 200 umol/L MUREAV 92,427,82
sce-hmn:lym 40 umol/L CNREA8 40,1189,80
cyt-ham:ovr 50 mg/L CALEDQ 14,251,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T12 scu-rat TDLo:5 mg/kg (1D pre) ENDOAO 57,466,55

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:358 mg/kg GTPPAF 8,145,72
* scu-rat LDLo:110 mg/kg AIPTAK 176,193,68
orl-mus LD50:260 mg/kg AFREAW 3,197,51
ipr-mus LD50:190 mg/kg AFREAW 3,197,51
scu-mus LD50:247 mg/kg INHEAO 5,143,67
orl-dog LDLo:130 mg/kg RCTEA4 45(3),627,72
ivn-dog LDLo:40 mg/kg HBTXAC 1,62,55
orl-cat LDLo:100 mg/kg RCTEA4 45(3),627,72
orl-rbt LDLo:1000 mg/kg HBTXAC 1,62,55
2R10U01 skn-rbt LD50:800 mg/kg AIHAAP 37,596,76
ipr-gpg LDLo:150 mg/kg HBTXAC 1,62,55
scu-gpg LDLo:200 mg/kg HBTXAC 1,62,55
scu-frg LDLo:160 mg/kg HBTXAC 1,62,55
par-frg LDLo:160 mg/kg AEPPAE 166,437,32
3F17F23J22 orl-mam LD50:240 mg/kg TPKVAL 15,136,79

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 47(2),75,78
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,155,77
★ TLV-TWA 5 ppm DTLVS* 4,77,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UX1088000 PYROCATECHOL, 4-(2-AMINOETHYL)-
UPDT:8412 CAS: 51-61-6 MW: 153.20 MOLFM: C8-H11-N-O2
SYN: 4-(2-AMINOETHYL)PYROCATECHOL * DOPAMINE

MUTATION DATA AND REFERENCES:
dnd-esc 10 mg/L MUREAV 124,9,83
dnr-bcs 900 ug/disc MUREAV 137,17,84
dnd-hmn:fbr 50 mg/L MUREAV 124,9,83
dni-hmn:oth 3800 nmol/L CNREA8 40,1414,80
mnt-mus-ivn 224 mg/kg MUREAV 124,9,83
dni-mus:oth 3800 nmol/L CNREA8 40,1414,80
dnd-mam:lym 1 mg/L MUREAV 124,9,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T87 ipr-rat TDLo:70 mg/kg (1-7D preg) TXAPA9 40,427,77
1T12 scu-rat TDLo:300 mg/kg (30D pre) AJOGAH 104,578,69
3T76T81T87 scu-rat TDLo:100 mg/kg (10-14D preg) AJOGAH 104,578,69
1T42 scu-rat TDLo:100 mg/kg (10-14D preg) AJOGAH 104,578,69
1T25 ivn-rat TDLo:300 mg/kg (6-15D preg) ARZNAD 28,2208,78
1T46 ivn-rat TDLo:900 mg/kg (6-15D preg) ARZNAD 28,2208,78
1T87 ims-rat TDLo:70 mg/kg (1-7D preg) TXAPA9 40,427,77

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:104 mg/kg ARZNAD 28,2208,78
3D07J26P01 ipr-mus LD50:950 mg/kg OYYAA2 8,835,74
3D07J26P01 ivn-mus LD50:59 mg/kg OYYAA2 8,835,74
1F17 icv-mus LD50:74 mg/kg TYKNAQ 27,131,80
* ivn-dog LD50:79 mg/kg ARZNAD 28,2208,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UX1092000 PYROCATECHOL, 4-(2-AMINOETHYL)-, HYDROCHLORIDE
UPDT:8408 CAS: 62-31-7 MW: 189.66 MOLFM: C8-H11-N-O2 Cl-H
SYN: 4-(2-AMINOETHYL)PYROCATECHOL HYDROCHLORIDE * 1,2-BENZENEDIOL, 4-(2-AMINOETHYL)-, HYDROCHLORIDE * DOPAMINE CHLORIDE * DOPAMINE HYDROCHLORIDE * m-HYDROXYTYRAMINE HYDROCHLORIDE * 3-HYDROXYTYRAMINE HYDROCHLORIDE * INTROPIN * P 498

MUTATION DATA AND REFERENCES:
dnd-mus:lvr 6 umol/L JJIND8 62,947,79
msc-mus:lym 93800 ug/L MUREAV 124,9,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T59 ipr-rat TDLo:7 mg/kg (1-7D preg) TXAPA9 38,251,76
1T48 ivn-dom TDLo:361 mg/kg (15W preg) AJOGAH 130,211,78

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2859 mg/kg IYKEDH 8,680,77
* ipr-rat LD50:597 mg/kg NIIRDN 6,509,82
* scu-rat LD50:647 mg/kg IYKEDH 8,680,77
* ivn-rat LD50:4800 ug/kg NIIRDN 6,509,82
* orl-mus LD50:5213 mg/kg IYKEDH 8,680,77
* ipr-mus LD50:957 mg/kg NIIRDN 6,509,82
* scu-mus LD50:1367 mg/kg IYKEDH 8,680,77
* ivn-mus LD50:156 mg/kg NIIRDN 6,509,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UX1093000 PYROCATECHOL, 5-(2-AMINO-1-METHYLETHYL)-, HYDROCHLORIDE
UPDT:8406 MW: 203.69 MOLFM: C9-H13-N-O2 Cl-H
SYN: 5-(2-AMINO-1-METHYLETHYL)PYROCATECHOL HYDROCHLORIDE * beta-3,4-DIHYDROXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F12G10J26 ipr-rat LD50:40 mg/kg JPETAB 81,360,44

UX1400000 PYROCATECHOL, 4-tert-BUTYL-
UPDT:8407 CAS: 98-29-3 MW: 166.24 MOLFM: C10-H14-O2
SYN: 1,2-BENZENEDIOL, 4-(1,1-DIMETHYLETHYL)- * 4-t-BUTYLCATECHOL * p-t-BUTYLPYROCATECHOL * 4-t-BUTYLPYROCATECHOL * SYNOX TBC

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open AMIHBC 10,61,54
skn-rbt 500 mg/24H SEV 28ZPAK -,57,72
eye-rbt 50 ug open SEV AMIHBC 10,61,54
skn-gpg 0.1%/3W MLD JIDEAE 55,190,70
skn-gpg 1%/3W MOD JIDEAE 55,190,70

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2820 mg/kg AMIHBC 10,61,54
* ivn-mus LD50:32 mg/kg CSLNX* NX#07874
* skn-rbt LD50:630 mg/kg AMIHBC 10,61,54

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UX1510000 PYROCATECHOL, 4,5-DICHLORO-
UPDT:8402 CAS: 3428-24-8 MW: 179.00 MOLFM: C6-H4-Cl2-O2
SYN: 1,2-BENZENEDIOL, 4,5-DICHLORO- * 4,5-DICHLOROCATECHOL * 4,5-DICHLOROPYROCATECHOL

MUTATION DATA AND REFERENCES:
mmo-sat 400 uL/plate BECTA6 24,590,80
mmo-smc 75 mg/L MUREAV 119,273,83

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:42 mg/kg CSLNX* NX#07864

UX1520000 PYROCATECHOL, 4,4'-(1,2-DIETHYLETHYLENE)DI-
UPDT:8401 CAS: 79199-51-2 MW: 302.40 MOLFM: C18-H22-O4
SYN: 4,4'-(1,2-DIETHYLETHYLENE)DIPYROCATECHOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:1200 ug/kg (3D pre) JMCMAR 26,1137,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYROCATECHOL DIMETHYL ETHER see: CZ6475000

UX1700000 PYROCATECHOL, 4-(2-(3,5-DIMETHYL-1-PYRAZOLYL)-4-THIAZOLYL)-
UPDT:8401 CAS: 75007-31-7 MW: 287.36 MOLFM: C14-H13-N3-O2-S
SYN: 1,2-BENZENEDIOL, 4-(2-(3,5-DIMETHYL-1H-PYRAZOL-1-YL)-4-THIAZOLYL)- (10CI) * 1-(4-(3,4-DIHYDROXYPHENYL)THIAZOL-2-YL)-3,5-DIMETHYLPYRAZOLE * 4-(2-(3,5-DIMETHYL-1-PYRAZOLYL)-4-THIAZOLYL)PYROCATECHOL

TOXICITY DATA AND REFERENCES:
2J30U26 ipr-mus LD50:250 mg/kg PCJOAU 14,383,80

UX1855000 PYROCATECHOL, 4-(1-HYDROXY-2-((RHAMNOSYLGLUCOSYL)OXY)ETHYL)-
UPDT:8403 MW: 513.53 MOLFM: C20-H33-O15
SYN: 4-(1-HYDROXY-2-((RHAMNOSYLGLUCOSYL)OXY)ETHYL)PYROCATECHOL

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:6 gm/kg FRXXBL #2314725
* ipr-mus LD50:6 gm/kg FRXXBL #2314725

UX1901000 PYROCATECHOL, 4-(2-(ISOPROPYLAMINO)ETHYL)-, HYDROCHLORIDE
UPDT:8406 CAS: 5178-52-9 MW: 231.75 MOLFM: C11-H17-N-O2 Cl-H
SYN: 1,2-BENZENEDIOL, 4-(2-((1-METHYLETHYL)AMINO)ETHYL)-, HYDROCHLORIDE * DESOXYISOPRENALINE HYDROCHLORIDE * 4-(2-(ISOPROPYLAMINO)ETHYL)PYROCATECHOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg JPETAB 92,369,48

UX1915000 PYROCATECHOL, 4-METHYL-
UPDT:8406 CAS: 452-86-8 MW: 124.15 MOLFM: C7-H8-O2
SYN: 1,2-BENZENEDIOL, 4-METHYL- (9CI) * 3,4-DIHYDROXYTOLUENE * HOMOCATECHOL * HOMOPYROCATECHOL * 4-METHYLCATECHOL * p-METHYLPYROCATECHOL * 4-METHYLPYROCATECHOL * TOLUENE-3,4-DIOL

MUTATION DATA AND REFERENCES:
mmo-sat 400 uL/plate BECTA6 24,590,80
mrc-smc 300 mg/L MUREAV 135,109,84
cyt-ham:ovr 10 mg/L CALEDQ 14,251,81

UX1925000 PYROCATECHOL, 4-(2-(METHYLAMINO)ETHYL)-, HYDROCHLORIDE
UPDT:8406 CAS: 62-32-8 MW: 203.69 MOLFM: C9-H13-N-O2 Cl-H
SYN: 3,4-DIHYDROXYPHENYLETHYLMETHYLAMINE HYDROCHLORIDE * 3,4-DIHYDROXYPHENYL-1-METHYLAMINO-2-ETHANE HYDROCHLORIDE * EPHININE HYDROCHLORIDE * EPININE HYDROCHLORIDE * 4-(2-METHYLAMINOETHYL)PYROCATECHOL HYDROCHLORIDE * METHYL-(beta-(3,4-DIHYDROXYPHENYL)ETHYL)AMINE HYDROCHLORIDE * N-METHYLDOPAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
scu-rat LDLo:160 mg/kg JPETAB 71,62,41
ipr-mus LD50:212 mg/kg JMCMAR 18,1194,75

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHREAY 9,389,31

UX2080000 PYROCATECHOL, 4-(2-(3-METHYL-5-(1,1,2,2-TETRAFLUOROETHYL)-1-PYRAZOLYL)-4-THIAZOLYL)-
UPDT:8312 CAS: 75013-45-5 MW: 373.35 MOLFM: C15-H11-F4-N3-O2-S
SYN: 1,2-BENZENEDIOL, 4-(2-(3-METHYL-5-(1,1,2,2-TETRAFLUOROETHYL)-1H-PYRAZOL-1-YL)-4-THIAZOLYL)- * 1-(4-(3,4-DIHYDROXYPHENYL)THIAZOL-2-YL)-3-METHYL-5-TETRAFLUOROETHYLPYRAZOLE * 4-(2-(3-METHYL-5-(1,1,2,2-TETRAFLUOROETHYL)-1-PYRAZOLYL)-4-THIAZOLYL)PYROCATECHOL

TOXICITY DATA AND REFERENCES:
2J30U26 ipr-mus LD50:250 mg/kg PCJOAU 14,383,80

UX2090000 PYROCATECHOL, 4-((2-METHYL-1,2,3,4-TETRAHYDROISOQUINOLIN-1-YL)METHYL)-, HYDROCHLORIDE
UPDT:8310 CAS: 57464-67-2 MW: 305.83 MOLFM: C17-H19-N-O2 Cl-H
SYN: 1,2-BENZENEDIOL, 4-((1,2,3,4-TETRAHYDRO-2-METHYL-1-ISOQUINOLINYL)METHYL)-, HYDROCHLORIDE (9CI) * 1-(3',4'-DIHYDROXYBENZYL)-2-METHYL-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROCHLORIDE * 4-((2-METHYL-1,2,3,4-TETRAHYDROISOQUINOLIN-1-YL)METHYL)PYROCATECHOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:133 mg/kg JMCMAR 18,1194,75

PYROCATECHUIC ACID see: UX1050000

UX2526000 o-PYROCATECHUIC ACID, 4,5-DIBROMO-
UPDT:8406 MW: 311.93 MOLFM: C7-H4-Br2-O4
SYN: 4,5-DIBROMO-2,3-DIHYDROXYBENZOIC ACID * 4,5-DIBROMO-o-PYROCATECHUIC ACID

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:75 mg/kg PMDCAY 5,59,67

PYROCHOL see: FZ2100000
PYROD see: YQ8650000
PYRODIFENIUM BROMIDE see: UY4310000
PYRODIN see: AJ2900000

PYRODINE see: AJ2900000
PYRODONE see: RB8575000
PYROGALLIC ACID see: UX2800000

UX2800000 PYROGALLOL
UPDT:8408 CAS: 87-66-1 MW: 126.12 MOLFM: C6-H6-O3
SYN: BENZENE, 1,2,3-TRIHYDROXY- * 1,2,3-BENZENETRIOL * C.I. 76515 * C.I. OXIDATION BASE 32 * FOURAMINE BROWN AP * FOURRINE PG * FOURRINE 85 * PYROGALLIC ACID * 1,2,3-TRIHYDROXYBENZEN (Czech) * 1,2,3-TRIHYDROXYBENZENE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H SEV	28ZPAK -,59,72
	eye-rbt 20 mg/24H SEV	28ZPAK -,59,72

MUTATION DATA AND REFERENCES:

	mmo-sat 200 ug/plate	PMRSDJ 1,11,81
	mma-sat 50 ug/plate	STEVA8 15,3,80
	dnd-esc 30 umol/L	MUREAV 89,95,81
	mrc-smc 300 mg/L	MUREAV 135,109,84
	sln-dmg-orl 125 mmol/L	MUREAV 90,91,81
	mnt-mus-ipr 252 mg/kg	MUREAV 90,91,81
	mnt-mus-orl 504 mg/kg	MUREAV 90,91,81
	cyt-mus-ipr 100 umol/kg	IJMRAQ 59,1442,71
	cyt-ham:ovr 100 mg/L	CALEDQ 14,251,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T34	orl-rat TDLo:3 gm/kg (6-15D preg)	JACTDZ 2(4),325,83
1T12	scu-rat TDLo:5 mg/kg (1D pre)	ENDOAO 57,466,55

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-rat TDLo:3950 mg/kg/58W-I	PAACA3 20,117,79

TOXICITY DATA AND REFERENCES:

	scu-man LDLo:120 mg/kg	ZMWIAJ 19,545,1881
	scu-man LDLo:120 mg/kg	ZMWIAJ 19,545,1881
	orl-rat LD50:789 mg/kg	28ZPAK -,59,72
	ipr-mus LD50:400 mg/kg	NTIS** AD691-490
	orl-dog LDLo:25 mg/kg	HBTXAC 1,254,55
	scu-dog LDLo:300 mg/kg	HBTXAC 1,254,55
	ivn-dog LDLo:80 mg/kg	HBTXAC 1,254,55
2K05J16	orl-rbt LD50:1600 mg/kg	AJVRAH 23,1264,62
	scu-rbt LDLo:1 gm/kg	HBAMAK 4,1289,35
	scu-gpg LDLo:800 mg/kg	RMSRA6 15,561,1895
	scu-frg LDLo:200 mg/kg	RMSRA6 15,561,1895

REVIEW AND REFEPENCES:
TOXICOLOGY REVIEW: MUREAV 47(2),75,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UX2990000 PYROGEN
UPDT:8406
SYN: LIPOPOLYSACCHARIDE * LPS

MUTATION DATA AND REFERENCES:

	dns-mus:leu 50 mg/L	CNREA8 43,2536,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	par-rat TDLo:2 mg/kg (6D preg)	OYYAA2 9,579,75

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:4900 ug/kg	NYKZAU 79,357,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYROGUAIAC ACID see: SL7525000
PYROJEC see: PB1300000
2-PYROL see: UY5715000
PYROLAN see: FA2450000
10-(2-(2-PYROLIDYL)ETHYL)PHENOTHIAZINE HYDROCHLORIDE see: SP4900000
PYROLIDYNYL-2,4-DICHLOROPHENYL CARBAMATE see: EZ4215000
PYROLLNITRIN see: UX9450000
PYROLUSITE BROWN see: OP0350000
PYROMUCIC ACID METHYL ESTER see: LV1950000
PYROMUCIC ALDEHYDE see: LT7000000
PYRONALORANGE see: QL4900000
PYRONALROT B see: QK4250000
PYRONALROT R see: QL5850000
PYRONARIDINE see: SK4920000

UX4900000 PYRONE, DIMETHYLTETRAHYDRO-
UPDT:8407 CAS: 63704-67-6 MW: 128.19 MOLFM: C7-H12-O2

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 mg/24H open MLD	JIHTAB 31,60,49
	eye-rbt 750 ug open SEV	JIHTAB 31,60,49

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:3400 mg/kg	JIHTAB 31,60,49
	ihl-rat LCLo:4000 ppm	JIHTAB 31,60,49

UX5075000 1,4-PYRONE, 2,6-DIMETHYLTETRAHYDRO-
UPDT:8307 CAS: 1073-79-6 MW: 128.19 MOLFM: C7-H12-O2
SYN: 2,6-DIMETHYL TETRAHYDRO-1,4-PYRONE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3400 mg/kg	JIHTAB 31,60,49
*	ihl-rat LCLo:8000 ppm/4H	JIHTAB 31,343,49

PYRONINE see: BQ1450000
PYRONINE G see: BQ1450000
PYRONINE Y see: BQ1450000
PYRONINE ZH see: BQ1450000
PYRONIN G see: BQ1450000
PYRONIN Y see: BQ1450000
PYRONIN YELLOW see: BQ1450000
PYROPENTYLENE see: GY1000000
PYROPHOSPHATE see: UX7350000
PYROPHOSPHATE DE TETRAETHYLE (French) see: UX6825000

UX5950000 PYROPHOSPHORAMIDE, OCTAMETHYL-
UPDT:8409 CAS: 152-16-9 MW: 286.30 MOLFM: C8-H24-N4-O3-P2
SYN: BIS(BISDIMETHYLAMINOPHOSPHONOUS)ANHYDRIDE * BIS(DIMETHYLAMINO)PHOSPHONOUS ANHYDRIDE * BIS(DIMETHYLAMINO)PHOSPHORIC ANHYDRIDE * BIS-N,N,N',N'-TETRAMETHYLPHOSPHORODIAMIDIC ANHYDRIDE * DIPHOSPHORAMIDE, OCTAMETHYL- (9CI) * ENT 17,291 * LETHALAIRE G-57 * OCTAMETHYL * OCTAMETHYL-DIFOSFORZUUR-TETRAMIDE (Dutch) * OCTAMETHYLDIPHOSPHORAMIDE * OCTAMETHYL-DIPHOSPHORSAEURE-TETRAMID (German) * OCTAMETHYLPYROPHOSPHORAMIDE * OCTAMETHYL PYROPHOSPHORTETRAMIDE * OCTAMETHYL TETRAMIDO PYROPHOSPHATE * OMPA * OMPACIDE * OMPATOX * OMPAX * OTTOMETIL-PIROFOSFORAMMIDE (Italian) * PESTOX * PESTOX 3 * PESTOX III * PYROPHOSPHORIC ACID OCTAMETHYLTETRAAMIDE * PYROPHOSPHORYLTETRAKISDIMETHYLAMIDE * RCRA WASTE NUMBER P085 * SCHRADAN * SCHRADANE (French) * SYSTAM * SYSTOPHOS * SYTAM * TETRAKISDIMETHYLAMINOPHOSPHONOUS ANHYDRIDE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:5 mg/kg	WRPCA2 4,36,65
*	ihl-rat LCLo:8 mg/m3/4H	85GMAT -,95,82
*	skn-rat LD50:15 mg/kg	TXAPA9 14,515,69
*	ipr-rat LD50:4900 ug/kg	JJPAAZ 17,509,67
	scu-rat LD50:9 mg/kg	JEENAI 50,356,57
	unk-rat LD50:9 mg/kg	30ZDA9 -,379,71
	orl-mus LDLo:2 mg/kg	BESAAT 12,161,66
	ipr-mus LD50:10 mg/kg	PSEBAA 129,699,68
	scu-mus LD50:14 mg/kg	FEPRA7 23,T927,64
	ivn-mus LD50:9400 ug/kg	BLLIAX 38,151,58
1Y01	unk-mus LD50:28 mg/kg	PCJOAU 3,508,69
	ivn-dog LD50:5 mg/kg	JPETAB 99,376,50
	orl-rbt LD50:25 mg/kg	BESAAT 12,161,66
*	skn-rbt LDLo:20 mg/kg	85GMAT -,95,82
	ivn-rbt LD50:6 mg/kg	FEPRA7 23,T927,64
*	ocu-rbt LDLo:5 mg/kg	85GMAT -,95,82
	ipr-gpg LD50:10 mg/kg	JPETAB 99,376,50
	orl-bwd LD50:11 mg/kg	TXAPA9 21,315,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AQMOAC #73-19,1973; RREVAH 46,1,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYROPHOSPHORIC ACID OCTAMETHYLTETRAAMIDE see: UX5950000

UX6800000 PYROPHOSPHORIC ACID, TETRAETHYLDITHIO-, (mixture)
UPDT:8310 MW: 322.34 MOLFM: C8-H20-O5-P2-S2
SYN: TETRAETHYL DITHIO PYROPHOSPHATE MIXTURE, DRY (DOT) * TETRAETHYL DITHIOPYROPHOSPHATE mixture, liquid (DOT) * UN 1704 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:POISON B; LABEL:POISON, dry	CFRGBR 49,172.101,82
★ DOT-HAZARD:POISON B; LABEL:POISON, liquid	CFRGBR 49,172.101,82

UX6825000 PYROPHOSPHORIC ACID, TETRAETHYL ESTER
UPDT:8409 CAS: 107-49-3 MW: 290.22 MOLFM: C8-H20-O7-P2
SYN: BIS-O,O-DIETHYLPHOSPHORIC ANHYDRIDE * BLADAN * DIPHOSPHORIC ACID TETRAETHYL ESTER * ENT 18,771 * ETHYL PYROPHOSPHATE, TETRA- * FOSVEX * GRISOL * HEPT * HEXAMITE * KILLAX * KILMITE 40 * LETHALAIRE G-52 * LIROHEX * MORTOPAL * NA 2783 (DOT) * NIFOS * NIFOS T * NIFOST * PYROPHOSPHATE DE TETRAETHYLE (French) * RCRA WASTE NUMBER P111 * TEP * TEPP * O,O,O,O-TETRAAETHYL-DIPHOSPHAT, BIS(O,O-DIAETHYLPHOSPHORSAEURE)-ANHYDRID (German) * O,O,O,O-TETRAETHYL-DIFOSFAAT (Dutch) * TETRAETHYL DIPHOSPHATE * O,O,O,O-TETRAETIL-PIROFOSFATO (Italian) * TETRAETHYL PYROFOSFAAT * TETRAETHYLPYROPHOSPHATE * TETRAETHYL PYROPHOSPHATE, LIQUID (DOT) * TETRASTIGMINE * TETRON * TETRON-100 * VAPOTONE

TOXICITY DATA AND REFERENCES:

	orl-hmn LDLo:2 mg/kg	CMEP** -,1,56
3F03F23K30	orl-hmn TDLo:432 ug/kg	CMEP** -,1,56
	ims-hmn LDLo:400 ug/kg	CMEP** -,1,56
3F03F23K30	par-hmn TDLo:100 ug/kg	CMEP** -,1,56
	orl-rat LD50:500 ug/kg	PHJOAV 185,361,60
	skn-rat LD50:2400 ug/kg	TXAPA9 14,515,69
	ipr-rat LD50:650 ug/kg	FEPRA7 6,353,47
1Y02	ivn-rat LD50:300 ug/kg	CJBPAZ 34,197,56
	ims-rat LD50:1800 ug/kg	JCINAO 37,350,58
	unk-rat LD50:1120 ug/kg	30ZDA9 -,379,71
	orl-mus LD50:7 mg/kg	TXAPA9 21,153,72
1Y01	ipr-mus LD50:830 ug/kg	AIPTAK 121,104,59
3C08F05J30	scu-mus LD50:520 ug/kg	AIPTAK 124,212,60
	ivn-mus LD50:200 ug/kg	BJPCAL 9,299,54
*	skn-rbt LD50:5 mg/kg	85ESA3 9,1186,76
	ivn-rbt LDLo:300 ug/kg	BJPCAL 8,466,53
	ocu-rbt LD50:1 mg/kg	AJOPAA 53,512,62
2C08D35	ivn-pgn LD50:180 ug/kg	AIPTAK 102,371,55
	orl-dck LD50:3560 ug/kg	TXAPA9 47,451,79
	skn-dck LD50:64 mg/kg	TXAPA9 47,451,79
3C08F05J30	par-frg LD50:540 mg/kg	AIPTAK 124,212,60
*	orl-mam LD50:1200 ug/kg	FMCHA2 -,C230,83
3C08F05J30	par-nml LD50:540 mg/kg	AIPTAK 124,212,60
	orl-bwd LD50:1 mg/kg	TXAPA9 21,315,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 3(13),289,75; AQMOAC #73-19,1973; RREVAH 46,1,73; IRXPAT 3,219,64

★ TLV-TWA 50 ug/m3; STEL 200 ug/m3 (skin)	DTLVS* 4,387,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 50 ug/m3 (skin) (SCP-U)	FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON, liquid	CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 2504
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UX7000000 PYROPHOSPHORIC ACID, TETRAETHYL ESTER, mixed with Compressed Gas
UPDT:8308
SYN: TETRAETHYL PYROPHOSPHATE and compressed gas mixture (DOT) * TETRAETHYLPYROPHOSPHATE and Compressed Gas Mixtures * UN 1705 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:POISON A; POISON GAS	CFRGBR 49,172.101,82

UX7051000 PYROPHOSPHORIC ACID, TETRAETHYL ESTER (liquid mixture)
UPDT:8308 CAS: 107-49-3 MW: 290.22 MOLFM: C8-H20-O7-P2
SYN: NA 2783 (DOT) * TETRAETHYL PYROPHOSPHATE MIXTURE, LIQUID (DOT)

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1050 ug/kg	TXAPA9 14,515,69
	skn-rat LD50:2400 ug/kg	TXAPA9 14,515,69
	orl-mus LD50:7 mg/kg	JPETAB 105,156,52
	orl-gpg LD50:2300 ug/kg	JPETAB 105,156,52

STANDARDS & REGULATIONS:

★ DOT-HAZARD:POISON B; LABEL:POISON, liquid	CFRGBR 49,172.101,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UX7350000 PYROPHOSPHORIC ACID, TETRASODIUM SALT
UPDT:8201 CAS: 7722-88-5 MW: 265.90 MOLFM: O7-P2 4Na
SYN: ANHYDROUS TETRASODIUM PYROPHOSPHATE * NATRIUMPYROPHOSPHAT * PHOSPHOTEX * PYROPHOSPHATE * SODIUM PYROPHOSPHATE * TETRANATRIUMPYROPHOSPHAT (German) * TETRASODIUM DIPHOSPHATE * TETRASODIUM PYROPHOSPHATE * TETRASODIUM PYROPHOSPHATE, ANHYDROUS * TSPP * VICTOR TSPP

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:4000 mg/kg	ARZNAD 7,172,57
	ipr-rat LD50:59 mg/kg	JPETAB 108,117,53
	ivn-rat LD50:100 mg/kg	ARZNAD 7,172,57
	orl-mus LDLo:40 mg/kg	AEPPAE 169,238,33
	ipr-mus LD50:380 mg/kg	REPMBN 10,391,62
	scu-mus LD50:400 mg/kg	ARZNAD 7,445,57
	ivn-mus LD50:69 mg/kg	ARZNAD 7,445,57
	ivn-rbt LDLo:50 mg/kg	AEPPAE 169,238,33

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARZNAD 7,24,57

★ TLV-TWA 5 mg/m3	DTLVS* 4,395,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

PYROPHOSPHORODITHIOIC ACID, TETRAETHYL ESTER see: XN4375000
PYROPHOSPHORODITHIOIC ACID, O,O,O,O-TETRAETHYL ESTER see: XN4375000
PYROPHOSPHORYLTETRAKISDIMETHYLAMIDE see: UX5950000
PYROPLASMIN see: VC4022500
PYRORACEMIC ALDEHYDE see: UZ0700000
PYROSET FLAME RETARDANT TKP see: TA2445000
PYROSET TKO see: TA2570000
PYROSET TKP see: TA2445000
PYROSTIB see: CC2850000
PYROSULFUROUS ACID, DIPOTASSIUM SALT see: TT4920000

UX8225000 PYROSULFUROUS ACID, DISODIUM SALT
UPDT:8401 CAS: 7681-57-4 MW: 190.10 MOLFM: O5-S2.2Na
SYN: DISODIUM PYROSULFITE * NA 2693 (DOT) * SODIUM METABISULFITE * SODIUM METABISULFITE (DOT) * SODIUM METABISULPHITE * SODIUM PYROSULFITE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T71 orl-rat TDLo:20 gm/kg (MGN) FCTXAV 10,291,72
1T76 orl-rat TDLo:40 gm/kg (MGN) FCTXAV 10,291,72
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:115 mg/kg DTLVS* 4,371,80
par-mus LD50:910 mg/kg RPTOAN 31,120,68
ivn-rbt LDLo:192 mg/kg TXAPA9 24,266,73
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg/m3 DTLVS* 4,371,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-B; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UX8310000 PYROSULFURYL CHLORIDE
UPDT:8401 CAS: 7791-27-7 MW: 215.02 MOLFM: Cl2-O5-S2
SYN: CHLOROSULFONIC ANHYDRIDE * DISULFUR PENTOXYDICHLORIDE * DISULFURYL CHLORIDE * PYRO SULFURYL CHLORIDE (DOT) * UN 1817 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

PYRO SULFURYL CHLORIDE (DOT) see: UX8310000
PYROSULPHURIC ACID see: WS5605000
PYROTARTARIC ACID NITRILE see: YI3500000
PYROTONE RED TONER RA-5520 see: QL3436000
PYROTROPBLAU see: QJ6475000
PYROVALERONE HYDROCHLORIDE see: YV9100000
PYROXYLIC SPIRIT see: PC1400000
PYROXYLIN see: QW0970000
PYROXYLIN PLASTIC SCRAP (DOT) see: QW0970000
PYROXYLIN PLASTICS (DOT) see: QW0970000
PYROXYLIN RODS (DOT) see: QW0970000
PYROXYLIN ROLLS (DOT) see: QW0970000
PYROXYLIN SHEETS (DOT) see: QW0970000
PYROXYLIN SOLUTION (DOT) see: QW0970000
PYROXYLIN SOLVENT (DOT) see: QW0970000
PYROXYLIN TUBES (DOT) see: QW0970000
PYRROCYCLINE-N see: QI9175000
PYRROL see: UX9275000
PYRROLAMIDOL TARTRATE see: UY1430000
PYRROLANTIBIOTIC see: SK8150000
PYRROLAZOATE see: SP4725000
PYRROLAZOTE see: SP4725000
PYRROLAZOTE see: SP4900000
PYRROLAZOTE ABERGIC see: SP4900000
PYRROLAZOTE HYDROCHLORIDE see: SP4900000

UX9275000 PYRROLE
UPDT:8407 CAS: 109-97-7 MW: 67.10 MOLFM: C4-H5-N
SYN: 1-AZA-2,4-CYCLOPENTADIENE * AZOLE * DIVINYLENIMINE * IMIDOLE * MONOPYRROLE * PYRROL
TOXICITY DATA AND REFERENCES:
scu-mus LD50:61 mg/kg 28ZEAL 4,335,69
orl-rbt LDLo:147 mg/kg AIPTAK 36,387,30
ipr-rbt LDLo:150 mg/kg AIPTAK 36,387,30
scu-rbt LDLo:250 mg/kg AIPTAK 36,387,30
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UX9276000 PYRROLE-1-ACETAMIDE, N,N-DIETHYL-2,4-DINITRO-
UPDT:8412 CAS: 1435-07-0 MW: 270.28 MOLFM: C10-H14-N4-O5
SYN: 1-(N,N-DIETHYLCARBAMYLMETHYL)-2,4-DINITROPYRROLE * N,N-DIETHYL-2,4-DINITROPYRROLE-1-ACETAMIDE * ORF 1616 * 1H-PYRROLE-1-ACETAMIDE, N,N-DIETHYL-2,4-DINITRO- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:500 mg/kg (1D male) RPHRA6 20,491,64
1T01 orl-rat TDLo:100 mg/kg (1D male) RPHRA6 20,491,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1H-PYRROLE-1-ACETAMIDE, N,N-DIETHYL-2,4-DINITRO- (9CI) see: UX9276000

UX9277000 1H-PYRROLE-2-ACETIC ACID, 5-(4-CHLOROBENZOYL)-1,4-DIMETHYL-, SODIUM SALT, DIHYDRATE
UPDT:8403 CAS: 64092-48-4 MW: 349.77 MOLFM: C15-H13-Cl-N-O3.Na.2H2-O
SYN: 5-(4-CHLOROBENZOYL)-1,4-DIMETHYL-1H-PYRROLE-2-ACETIC ACID SODIUM SALT DIHYDRATE * MCN 2783-21-98 * SODIUM 5-(4-CHLOROBENZOYL)-1,4-DIMETHYL-1H-PYRROLE-2-ACETATE DIHYDRATE * SODIUM ZOMEPIRAC * ZOMAX * ZOMEPIRAC * ZOMEPIRAC SODIUM * ZOMEPIRAC SODIUM SALT
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:27 mg/kg DRUGAY 23,250,82
* orl-mus LD50:63 mg/kg DRUGAY 23,250,82
* orl-ham LD50:743 mg/kg DRUGAY 23,250,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1H-PYRROLE-2-ACETIC ACID, 1-METHYL-5-(4-METHYLBENZOYL)- (9CI) see: UX9287000
1H-PYRROLE-2-ACETIC ACID, 1-METHYL-5-(4-METHYLBENZOYL)-, SODIUM SALT see: UX9290000

UX9287000 PYRROLE-2-ACETIC ACID, 1-METHYL-5-p-TOLUOYL-
UPDT:8411 CAS: 26171-23-3 MW: 257.31 MOLFM: C15-H15-N-O3
SYN: ACIDO 1-METIL-5-(p-TOLUIL)-PIRROL-2-ACETICO (Spanish) * MCN 2559 * 1-METHYL-5-(4-METHYLBENZOYL)-PYRROLE-2-ACETIC ACID * 1-METHYL-5-p-TOLUOYL-PYRROLE-2-ACETIC ACID * 1H-PYRROLE-2-ACETIC ACID, 1-METHYL-5-(4-METHYLBENZOYL)- (9CI) * TOLMETIN * TOLMETINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T47 orl-rat TDLo:20600 ug/kg (21D preg) TJADAB 30(1),25A,84
TOXICITY DATA AND REFERENCES:
1Y55 rec-rat LD50:744 mg/kg AFTOD7 5,257,79
* orl-mus LD50:914 mg/kg FRPSAX 38,90,83
* ipr-mus LD50:600 mg/kg FRPSAX 38,90,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UX9290000 2-PYRROLEACETIC ACID, 1-METHYL-5-(p-TOLUOYL)-, SODIUM SALT
UPDT:8403 CAS: 35711-34-3 MW: 265.26 MOLFM: C14-H12-N-O3.Na
SYN: 1-METHYL-5-(p-TOLUOYL)-2-PYRROLEACETIC ACID * 1H-PYRROLE-2-ACETIC ACID, 1-METHYL-5-(4-METHYLBENZOYL)-, SODIUM SALT * SODIUM TOLMETIN * TOLECTIN * TOLMETIN SODIUM
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-rbt TDLo:100 mg/kg (1D pre) FESTAS 38,238,82

TOXICITY DATA AND REFERENCES:
3F08H02H08 orl-hmn TDLo:8 mg/kg JAMAAP 240,246,78
* orl-rat LD50:970 mg/kg NIIRDN 6,532,82
* ipr-rat LD50:770 mg/kg NIIRDN 6,532,82
* scu-rat LD50:1050 mg/kg NIIRDN 6,532,82
* orl-mus LD50:1380 mg/kg NIIRDN 6,532,82
* ipr-mus LD50:690 mg/kg NIIRDN 6,532,82
* scu-mus LD50:670 mg/kg NIIRDN 6,532,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRROLE, 2-ACETYL-4-NITRO- see: OB5030000
PYRROLE, 2-ACETYL-5-NITRO- see: OB5035000

UX9354500 PYRROLE-3-CARBOXAMIDE, 4-AMINO-N,2-DIMETHYL-5-PHENYL-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 59133-51-6 MW: 265.77 MOLFM: C13-H15-N3-O.Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

UX9357000 PYRROLE-3-CARBOXYLIC ACID, 4-AMINO-2-METHYL-5-PHENYL-, ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8412 MW: 280.78 MOLFM: C14-H16-N2-O2.Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

UX9358000 PYRROLE-3-CARBOXYLIC ACID, 4-AMINO-5-PHENYL-, ETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8412 CAS: 59133-30-1 MW: 266.75 MOLFM: C13-H14-N2-O2.Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

UX9359000 PYRROLE-2-CARBOXYLIC ACID, 3,5-DIMETHYL-4-(4-BUTYL-5-OXO-3-PYRAZOLIN-3-YL)-, ETHYL ESTER
UPDT:8309 MW: 305.42 MOLFM: C16-H23-N3-O3
SYN: 4-BUTYL-3-(2,4-DIMETHYL-5-CARBOETHOXYPYRROLYL-3)-PYRAZOLONE-5 * 3,5-DIMETHYL-4-(4-BUTYL-5-OXO-3-PYRAZOLIN-3-YL)-2-PYRROLECARBOXYLIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg RPTOAN 45,149,82

UX9359200 PYRROLE-2-CARBOXYLIC ACID, 3,5-DIMETHYL-4-(4-ETHYL-5-OXO-3-PYRAZOLIN-3-YL)-, ETHYL ESTER
UPDT:8309 MW: 277.36 MOLFM: C14-H19-N3-O3
SYN: 3,5-DIMETHYL-4-(4-ETHYL-5-OXO-3-PYRAZOLIN-3-YL)-2-PYRROLECARBOXYLIC ACID ETHYL ESTER * 4-ETHYL-3-(2,4-DIMETHYL-5-CARBOETHOXYPYRROLYL-3)-PYRAZOLONE-5
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg RPTOAN 45,149,82

UX9359400 PYRROLE-2-CARBOXYLIC ACID, 3,5-DIMETHYL-4-(4-HEXADECYL-5-OXO-3-PYRAZOLIN-3-YL)-, ETHYL ESTER
UPDT:8309 MW: 473.78 MOLFM: C28-H47-N3-O3
SYN: 3,5-DIMETHYL-4-(4-HEXADECYL-5-OXO-3-PYRAZOLIN-3-YL)-2-PYRROLECARBOXYLIC ACID ETHYL ESTER * 4-HEXADECYL-3-(2,4-DIMETHYL-5-CARBOETHOXYPYRROLYL-3)-PYRAZOLONE-5
TOXICITY DATA AND REFERENCES:
3A11D28F17 ipr-mus LD50:1500 mg/kg RPTOAN 45,149,82

UX9359500 PYRROLE-2-CARBOXYLIC ACID, 3,5-DIMETHYL-4-(4-HEXYL-5-OXO-3-PYRAZOLIN-3-YL)-, ETHYL ESTER
UPDT:8309 MW: 333.48 MOLFM: C18-H27-N3-O3
SYN: 3,5-DIMETHYL-4-(4-HEXYL-5-OXO-3-PYRAZOLIN-3-YL)-2-PYRROLECARBOXYLIC ACID ETHYL ESTER * 4-HEXYL-3-(2,4-DIMETHYL-5-CARBOETHOXYPYRROLYL-3)-PYRAZOLONE-5
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg RPTOAN 45,149,82

UX9359700 PYRROLE-2-CARBOXYLIC ACID, 3,5-DIMETHYL-4-(4-METHYL-5-OXO-3-PYRAZOLIN-3-YL)-, ETHYL ESTER
UPDT:8309 MW: 263.33 MOLFM: C13-H17-N3-O3
SYN: 3,5-DIMETHYL-4-(4-METHYL-5-OXO-3-PYRAZOLIN-3-YL)-2-PYRROLECARBOXYLIC ACID ETHYL ESTER * 4-METHYL-3-(2,4-DIMETHYL-5-CARBOETHOXYPYRROLYL-3)-PYRAZOLONE-5
TOXICITY DATA AND REFERENCES:
3A11D28F17 ipr-mus LD50:1500 mg/kg RPTOAN 45,149,82

UX9359800 PYRROLE-2-CARBOXYLIC ACID, 3,5-DIMETHYL-4-(4-NONYL-5-OXO-3-PYRAZOLIN-3-YL)-, ETHYL ESTER
UPDT:8309 MW: 375.57 MOLFM: C21-H33-N3-O3
SYN: 3,5-DIMETHYL-4-(4-NONYL-5-OXO-3-PYRAZOLIN-3-YL)-2-PYRROLECARBOXYLIC ACID ETHYL ESTER * 4-NONYL-3-(2,4-DIMETHYL-5-CARBOETHOXYPYRROLYL-3)-PYRAZOLONE-5
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg RPTOAN 45,149,82

UX9359900 PYRROLE-2-CARBOXYLIC ACID, 3,5-DIMETHYL-4-(5-OXO-4-PENTYL-3-PYRAZOLIN-3-YL)-, ETHYL ESTER
UPDT:8309 MW: 319.45 MOLFM: C17-H25-N3-O3
SYN: 3,5-DIMETHYL-4-(5-OXO-4-PENTYL-3-PYRAZOLIN-3-YL)-2-PYRROLECARBOXYLIC ACID ETHYL ESTER * 4-PENTYL-3-(2,4-DIMETHYL-5-CARBOETHOXYPYRROLYL-3)-PYRAZOLONE-5
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg RPTOAN 45,149,82

UX9359920 PYRROLE-2-CARBOXYLIC ACID, 3,5-DIMETHYL-4-(5-OXO-3-PYRAZOLIN-3-YL)-, ETHYL ESTER
UPDT:8309 MW: 248.29 MOLFM: C12-H14-N3-O3
SYN: 3-(2,4-DIMETHYL-5-CARBOETHOXYPYRROLYL-3)-PYRAZOLONE-5 * 3,5-DIMETHYL-4-(5-OXO-3-PYRAZOLIN-3-YL)-2-PYRROLECARBOXYLIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg RPTOAN 45,149,82

UX9370000 1H-PYRROLE-2-CARBOXYLIC ACID, DODECAHYDRO-11-OXO-7,14-METHANO- 2H,6H-DIPYRIDO(1,2-alpha:1',2'-e)(1,5)DIAZOCIN-2-YL) ESTER, (2S-(2-alpha,7-beta,7a-beta, 14-beta,14a-alpha))-
UPDT:8411 CAS: 6874-80-2 MW: 357.50 MOLFM: C20-H27-N3-O3
SYN: CALPURNINE * HOE 933 * 13-HYDROXYLUPANINE-2-PYRROLECARBOXYLIC ACID ESTER * OROBOIDINE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:132 mg/kg DRFUD4 2,365,77
scu-rat LD50:41 mg/kg DRFUD4 2,365,77
ivn-rat LD50:3 mg/kg DRFUD4 2,365,77
orl-mus LD50:32 mg/kg DRFUD4 2,365,77
ivn-mus LD50:3100 ug/kg DRFUD4 2,365,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UX9371000 PYRROLE-3-CARBOXYLIC ACID, 4-HYDROXY-2-METHYL-5-PHENYL-, METHYL ESTER
UPDT:8412 MW: 231.27 MOLFM: C13-H13-N-O3
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

UX9372000 PYRROLE-3-CARBOXYLIC ACID, 4-HYDROXY-2-METHYL-5-PHENYL-, METHYL ESTER, ACETATE (ester)
UPDT:8412 MW: 273.31 MOLFM: C15-H15-N-O4
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

UX9375000 PYRROLE-2-CARBOXYLIC ACID, 5-METHYL-, DIESTER with 3,3'-((3-METHYLPYRROLE-2,4-DIYL) BIS(CARBONYLIMINO))BIS(7-((5,5-DI-C-METHYL-4-O-METHYL-alpha-L-LYXOPYRANOSYL)OXY)-4-HYDROXY -8-METHYLCOUMARIN)
UPDT:8312 CAS: 4434-05-3 MW: 1110.19 MOLFM: C55-H59-N5-O20

SYN: COUMAMYCIN * COUMERMYCIN A1 * NOTOMYCIN A1
MUTATION DATA AND REFERENCES:
mmo-esc 200 mg/L NATUAS 271,385,78
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2000 mg/kg 85ERAY 1,147,78
* ipr-mus LD50:159 mg/kg 85ERAY 1,147,78
* scu-mus LD50:250 mg/kg AACHAX -,786,65
* ivn-mus LD50:25 mg/kg 85ERAY 1,147,78
* ims-mus LD50:500 mg/kg 85ERAY 1,147,78

UX9450000 PYRROLE, 3-CHLORO-4-(3-CHLORO-2-NITROPHENYL)-
UPDT:8309 CAS: 1018-71-9 MW: 257.08 MOLFM: C10-H6-Cl2-N2-O2
SYN: 3-CHLORO-4-(3-CHLORO-2-NITROPHENYL)PYRROLE * 3-CHLORO-4-(2'-NITRO-3'-CHLOROPHENYL)PYRROLE * NSC-107654 * PN * PYRROACE * PYROLLNITRIN * PYRROLNITRIN
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:68 mg/kg 85ERAY 3,1479,78
* orl-mus LD50:1000 mg/kg 85ERAY 3,1479,78
* ipr-mus LD50:680 mg/kg 85ESA3 9,1041,76
* scu-mus LD50:2000 mg/kg 85GDA2 5,44,81
* ipr-rbt LD50:105 mg/kg 85ERAY 3,1479,78

UX9450990 PYRROLE, 2-(p-CYCLOHEXYLPHENYL)-1-(o-METHOXYPHENYL)-4-METHYL-
UPDT:8412 MW: 345.52 MOLFM: C24-H27-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1600 mg/kg FRPSAX 39,524,84

UX9451000 PYRROLE, 2-(p-CYCLOHEXYLPHENYL)-4-METHYL-1-(p-TOLYL)-
UPDT:8412 MW: 345.52 MOLFM: C24-H27-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg FRPSAX 39,524,84

UX9456000 PYRROLE-2,3-DICARBOXYLIC ACID, 4-AMINO-5-PHENYL-, DIMETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8412 CAS: 59133-23-2 MW: 310.76 MOLFM: C14-H14-N2-O4 Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1 gm/kg FRPSAX 39,538,84

UX9459000 PYRROLE, 2,3-DICHLORO-4-NITRO-
UPDT:8305 MW: 180.98 MOLFM: C4-H2-Cl2-N2-O2
SYN: 2,3-DICHLORO-4-NITROPYRROLE * PYRROLOMYCIN A * SF-2080A
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:21 mg/kg JANTAJ 35,82-147,82

UX9465100 1H-PYRROLE, DIHYDRO-1-NITROSO-
UPDT:8408 CAS: 37449-28-8 MW: 98.12 MOLFM: C4-H6-N2-O
SYN: N-NITROSOPYRROLINE
MUTATION DATA AND REFERENCES:
mma-sat 40 mmol/L IAPUDO 41,543,82

1H-PYRROLE, 2,5-DIHYDRO-1-(2-(3,4,5-TRIMETHOXYPHENYL)ETHYL)-, HYDROCHLORIDE (10CI) see: UY7380000

UX9465300 PYRROLE-2,3-DIMETHANOL, 1,5-DIMETHYL-
UPDT:8407 MW: 155.22 MOLFM: C8-H13-N-O2
SYN: 2,3-BISHYDROXYMETHYL 1,5-DIMETHYLPYRROLE
MUTATION DATA AND REFERENCES:
oms-r[illegible]vr 20 umol/L CBINA8 30,325,80

UX9465400 PYRROLE-2,3-DIMETHANOL, 4-METHOXY-1-METHYL-
UPDT:8405 MW: 171.22 MOLFM: C8-H13-N-O3
SYN: 2,3-BISHYDROXYMETHYL-4-METHOXY-1-METHYLPYRROLE
MUTATION DATA AND REFERENCES:
oms-rat:lvr 20 umol/L CBINA8 30,325,80

UX9465500 PYRROLE-2,3-DIMETHANOL, 1-METHYL-
UPDT:8405 MW: 141.19 MOLFM: C7-H11-N-O2
SYN: 1,2-BISHYDROXYMETHYL-1-METHYLPYRROLE * 2,3-BISHYDROXYMETHYL-1-METHYLPYRROLE * 1-METHYLPYRROLE-2,3-DIMETHANOL
MUTATION DATA AND REFERENCES:
oms-hmn:hla 20 umol/L CBINA8 30,325,80
dni-rat:lvr 100 umol/L CBINA8 30,325,80
oms-rat:lvr 20 umol/L CBINA8 30,325,80
otr-ham:kdy 250 ug/L CRNGDP 1,161,80
TUMORIGENIC DATA AND REFERENCES:
3V01J60R60 skn-mus TDLo:1325 mg/kg/47W-I CALEDQ 17,61,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UX9465600 PYRROLE-2,4-DIMETHANOL, 1-METHYL-
UPDT:8405 MW: 141.19 MOLFM: C7-H11-N-O2
SYN: 3,5-BISHYDROXYMETHYL-1-METHYLPYRROLE
MUTATION DATA AND REFERENCES:
dni-rat:lvr 100 umol/L CBINA8 30,325,80
oms-rat:lvr 20 umol/L CBINA8 30,325,80

UX9465700 PYRROLE-2,3-DIMETHANOL, 5-METHYL-1-PHENYL-
UPDT:8405 MW: 213.25 MOLFM: C13-H11-N-O2
SYN: 2,3-BISHYDROXYMETHYL-5-METHYL-1-PHENYLPYRROLE
MUTATION DATA AND REFERENCES:
oms-rat:lvr 20 umol/L CBINA8 30,325,80

UX9475000 1H-PYRROLE, 2,5-DIMETHYL-1-(4-((4-NITROPHENYL)THIO)PHENYL)-
UPDT:8311 CAS: 66603-27-8 MW: 324.42 MOLFM: C18-H16-N2-O2-S
SYN: 2,5-DIMETHYL-1-(4-((4-NITROPHENYL)THIO)PHENYL)-1H-PYRROLE * (NITRO-4 PHENYLTHIO-4 PHENYL)-1 DIMETHYL-2,5 PYRROLE (French)
TOXICITY DATA AND REFERENCES:
3A11F07Y55 ipr-mus LD50:2000 mg/kg EJMCA5 13,93,78
3A11F07Y55 scu-mus LD50:2000 mg/kg EJMCA5 13,93,78

UX9495000 PYRROLE-2,3-DIOL, 1-METHYL-, BIS(2,3-DIMETHYLPROPIONATE) (ester)
UPDT:8401 MW: 309.45 MOLFM: C17-H27-N-O4
SYN: 2,3-BISTRIMETHYLACETOXYMETHYL-1-METHYLPYRROLE
TUMORIGENIC DATA AND REFERENCES:
3V01R60V10 skn-mus TDLo:291 mg/kg/47W-I CALEDQ 17,61,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UX9520000 1H-PYRROLE-2,5-DIONE, 3-(1,1'-BIPHENYL)-4-YL-4-HYDROXY-
UPDT:8308 CAS: 77529-41-0 MW: 265.28 MOLFM: C16-H11-N-O3
SYN: 3-(1,1'-BIPHENYL)-4-YL-4-HYDROXY-1H-PYRROLE-2,5-DIONE * MALEIMIDE, 3-(1,1'-BIPHENYL)-4-YL-4-HYDROXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:555 mg/kg JMCMAR 26,700,83
* ipr-mus LD50:439 mg/kg JMCMAR 26,700,83

UX9530000 1H-PYRROLE-2,5-DIONE, 3-((1,1'-BIPHENYL)-4-YLOXY)-4-HYDROXY-
UPDT:8308 CAS: 77529-44-3 MW: 281.28 MOLFM: C16-H11-N-O4
SYN: 3-((1,1'-BIPHENYL)-4-YLOXY)-4-HYDROXY-1H-PYRROLE-2,5-DIONE * MALEIMIDE, 3-((1,1'-BIPHENYL)-4-YLOXY)-4-HYDROXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:845 mg/kg JMCMAR 26,700,83
* ipr-mus LD50:216 mg/kg JMCMAR 26,700,83

UX9550000 1H-PYRROLE-2,5-DIONE, 3-(4'-BROMO-(1,1'-BIPHENYL)-4-YL)-4-HYDROXY-
UPDT:8308 CAS: 77529-42-1 MW: 344.18 MOLFM: C16-H10-Br-N-O3
SYN: 3-(4'-BROMO-((1,1'-BIPHENYL)-4-YL)-4-HYDROXY-1H-PYRROLE-2,5-DIONE * MALEIMIDE, 3-(4'-BROMO-(1,1'-BIPHENYL)-4-YL)-4-HYDROXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:479 mg/kg JMCMAR 26,700,83
* ipr-mus LD50:374 mg/kg JMCMAR 26,700,83

UX9570000 1H-PYRROLE-2,5-DIONE, 3-(2-(3,4-DICHLOROPHENYL)-4-THIAZOLYL)-4-HYDROXY-
UPDT:8308 CAS: 78743-16-5 MW: 341.17 MOLFM: C13-H6-Cl2-N2-O3-S
SYN: 3-(2-(3,4-DICHLOROPHENYL)-4-THIAZOLYL)-4-HYDROXY-1H-PYRROLE-2,5-DIONE * MALEIMIDE, 3-(2-(3,4-DICHLOROPHENYL)-4-THIAZOLYL)-4-HYDROXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1044 mg/kg JMCMAR 26,700,83
* ipr-mus LD50:521 mg/kg JMCMAR 26,700,83

UX9625000 1H-PYRROLE-2,5-DIONE, 1-ETHYL-
UPDT:8311 CAS: 128-53-0 MW: 125.14 MOLFM: C6-H7-N-O2
SYN: N-ETHYLMALEIMIDE * MALEIC ACID N-ETHYLIMIDE * MALEIMIDE, N-ETHYL- * NEM * USAF B-121
MUTATION DATA AND REFERENCES:
dni-hmn:hla 750 nmol/L 32YWA5 -,742,75
dni-hmn:oth 6 umol/L CNREA8 40,1414,80
dni-rat:lvr 2 umol MAGDA3 8,363,78
dni-mus:oth 300 umol/L BBRCA9 106,1448,82
dni-mus:oth 2 mmol/L BBACAQ 425,1,76
dni-mus:oth 6 umol/L CNREA8 40,1414,80
dni-ham:lng 750 nmol/L 32YWA5 -,742,75
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:25 mg/kg NTIS** AD277-689
ipr-rat LDLo:17 mg/kg JMCMAR 15,534,72
ipr-mus LD50:25 mg/kg NTIS** AD277-689
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UX9626500 1H-PYRROLE-2,5-DIONE, 4-HYDROXY-3-(2-(PYRIDYL)-4-THIAZOLYL)-
UPDT:8308 CAS: 80653-76-5 MW: 273.28 MOLFM: C12-H7-N3-O3-S
SYN: 4-HYDROXY-3-(2-(PYRIDYL)-4-THIAZOLYL)-1H-PYRROLE-2,5-DIONE * MALEIMIDE, 4-HYDROXY-3-(2-(PYRIDYL)-4-THIAZOLYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5000 mg/kg JMCMAR 26,700,83
* ipr-mus LD50:531 mg/kg JMCMAR 26,700,83

1H-PYRROLE-2,5-DIONE, 1,1'-(PHENYLENE)BIS- see: ON6125000

1H-PYRROLE-2-METHANOL, alpha-((BIS(1-METHYLPROPYL)AMINO)METHYL)-1-((2-CHLOROPHENYL)METHYL)- see: UX9635500

UX9635500 PYRROLE-2-METHANOL, 1-(o-CHLOROBENZYL)-alpha-((DI-sec-BUTYLAMINO)METHYL)-
UPDT:8403 CAS: 21363-18-8 MW: 362.99 MOLFM: C21-H31-Cl-N2-O
SYN: alpha-((BIS(1-METHYLPROPYL)AMINO)METHYL)-((2-CHLOROPHENYL)METHYL)-1H-PYRROLE-2-METHANOL * 1-(o-CHLOROBENZYL)-alpha-((DI-sec-BUTYLAMINO)METHYL)PYRROLE-2-METHANOL * 1-(alpha-(N-o-CHLOROBENZYL,PYRRYL)-2-DI-sec-BUTYLAMINOETHANOL * DIVIMINOL * 1H-PYRROLE-2-METHANOL, alpha-((BIS(1-METHYLPROPYL)AMINO)METHYL)-1-((2-CHLOROPHENYL)METHYL)- * VIMINOL * VIMINOLO (Italian) * Z 424
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:325 mg/kg BCFAAI 111,5,72

UX9636000 2-PYRROLEMETHANOL, 1,2-DIMETHYL-
UPDT:8405 MW: 125.19 MOLFM: C7-H11-N-O
SYN: 3-HYDROXYMETHYL 1,2-DIMETHYLPYRROLE
MUTATION DATA AND REFERENCES:
oms-rat:lvr 20 umol/L CBINA8 30,325,80

UX9637000 2-PYRROLEMETHANOL, 1-METHYL-
UPDT:8405 MW: 111.16 MOLFM: C6-H9-N-O
SYN: 2-HYDROXYMETHYL-1-METHYLPYRROLE
MUTATION DATA AND REFERENCES:
oms-rat:lvr 20 umol/L CBINA8 30,325,80

UX9639300 1H-PYRROLE, 2-((3-METHOXY-5-(1H-PYRROL-2-YL)-2H-PYRROL-2-YLIDENE)METHYL)-5-UNDECYL-
UPDT:8309 CAS: 52340-48-4 MW: 685.75 MOLFM: C20-H25-N3O
SYN: 2-((3-METHOXY-5-(1H-PYRROL-2-YL)-2H-PYRROL-2-YLIDENE)METHYL)-5-UNDECYL-1H-PYRROLE * UNDECYLPRODIGIOSIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:26700 ug/kg 85GDA2 5,53,81

UX9641550 PYRROLE, 2-METHYL-5-PHENYL-
UPDT:8412 CAS: 3042-21-5 MW: 157.23 MOLFM: C11-H11-N
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg FRPSAX 39,538,84

UX9641600 PYRROLE, (NITROFURANYL)-
UPDT:8307 MW: 178.16 MOLFM: C8-H6-N2-O3
SYN: (NITROFURANYL)PYRROLE * NITROFURYLPYRROLE
MUTATION DATA AND REFERENCES:
dnd-mus:fbr 300 umol/L BJCAAI 37(Suppl 3),124,78

UX9641800 1H-PYRROLE-2-PROPANOIC ACID, 4-(15-((2,6-DIDEOXY-beta-D-RIBO-HEXOPYRANOSYL)OXY)- 12,16-DIMETHYL-1-OXO-2,4,6,8,10,12-HEPTADECAHEXAENYL)-2,5-DIHYDRO-3-HYDROXY-beta,1-DIMETHYL- 5-OXO-
UPDT:8309 CAS: 12764-54-4 MW: 613.82 MOLFM: C34-H47-N-O9
SYN: OLEFICIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:40 mg/kg 85ERAY 1,291,78

PYRROLE, TETRAHYDRO- see: UX9650000

PYRROLE, TETRAHYDRO-N-NITROSO- see: UY1575000

PYRROLIDENE, 1-(2-(4-(3,4-DIHYDRO-6-METHOXY-2-PHENYL-1-NAPHTHALENYL)PHENOXY)ETHYL)- see: UY0880000

UX9650000 PYRROLIDINE
UPDT:8308 CAS: 123-75-1 MW: 71.14 MOLFM: C4-H9-N
SYN: AZACYCLOPENTANE * PROLAMINE * PYRROLE, TETRAHYDRO- * PYRROLIDINE (DOT) * TETRAHYDROPYRROLE * TETRAMETHYLENIMINE * UN 1922 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:300 mg/kg GTPZAB 18(2),29,74
* orl-mus LD50:450 mg/kg BCFAAI 103,414,64
ihl-mus LC50:1300 mg/m3/2H GTPZAB 18(2),29,74
* ivn-mus LD50:56 mg/kg CSLNX* NX#06769
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UX9657000 1-PYRROLIDINEACETAMIDE, N-(3-METHYL-5-ISOTHIAZOLYL)-
UPDT:8408 MW: 225.34 MOLFM: C10-H15-N3-O-S
SYN: N-(3-METHYL-5-ISOTHIAZOLYL)-1-PYRROLIDINEACETAMIDE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:218 mg/kg YKKZAJ 83,195,63

UX9657200 1-PYRROLIDINEACETAMIDE, N-(3-METHYL-5-ISOXAZOLYL)-
UPDT:8408 MW: 209.28 MOLFM: C10-H15-N3-O2
SYN: N-(3-METHYL-5-ISOXAZOLYL)-1-PYRROLIDINEACETAMIDE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:410 mg/kg YKKZAJ 83,198,63

UX9660500 1-PYRROLIDINEACETAMIDE, 2-OXO-
UPDT:8403 CAS: 7491-74-9 MW: 142.18 MOLFM: C6-H10-N2-O2

SYN: 1-ACETAMIDO-2-PYRROLIDINONE * EUVIFOR * GABACET * GENOGRIS * 2-KETOPYRROLIDINE-1-YLACETAMIDE * NOOTRON * NOOTROPIL * NOOTROPYL * NORMABRAIN * 2-OXO-PYRROLIDINE ACETAMIDE * 2-OXO-PYRROLIDIN-1-YLACETAMIDE * PIRACETAM * PIRAZETAM * PIRROXIL * PYRACETAM * PYRAMEM * 2-PYRROLIDINONEACETAMIDE * 2-PYRROLIDONEACETAMIDE * UCB 6215

TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:5600 mg/kg FRPPAO 32,47,77
* orl-mus LDLo:10 gm/kg FRPPAO 32,47,77
1F02 scu-mus LD50:12 gm/kg KHFZAN 11(8),132,77
1F02 ivn-mus LD50:10 gm/kg KHFZAN 11(8),132,77

UX9663000 1-PYRROLIDINEACETAMIDE, 2-OXO-4-PHENYL-
UPDT:8310 MW: 218.28 MOLFM: C12-H14-N2-O2
SYN: 2-OXO-4-PHENYL-1-PYRROLIDINEACETAMIDE
TOXICITY DATA AND REFERENCES:
3E15F17F18 unk-mus LD50:1100 mg/kg PCJOAU 14,776,80
3F17F18F29 unk-mam LD50:1100 mg/kg RPTOAN 44,22,81

UX9663400 1-PYRROLIDINEACETANILIDE, alpha-ETHYL-3'-(TRIFLUOROMETHYL)-
UPDT:8312 MW: 300.36 MOLFM: C15-H19-F3-N2-O
SYN: alpha-ETHYL-3'-(TRIFLUOROMETHYL)-1-PYRROLIDINEACETANILIDE * alpha-PIRROLIDINO-3-TRIFLUOROMETIL-BUTIRROANILIDE (Italian)
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:130 mg/kg BCFAAI 121,443,82

UX9664000 1-PYRROLIDINEACETANILIDE, 2',4',6'-TRIMETHYL-
UPDT:8309 MW: 246.39 MOLFM: C15-H22-N2-O
SYN: S 384 * 2',4',6'-TRIMETHYL-1-PYRROLIDINEACETANILIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:540 mg/kg JPMSAE 50,161,61

UX9670000 1-PYRROLIDINEACETIC ACID, 3,4-(DIBENZ(a,h)ANTHRYL-7,14-ENE)-2,5-DIOXO-
UPDT:8401 CAS: 67466-28-8 MW: 459.52 MOLFM: C30-H21-N-O4
SYN: ETHYL ESTER of 1,2,5,6-DIBENZANTHRACENE-endo-alpha,beta-SUCCINO GLYCINE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:200 mg/kg CNREA8 1,685,41
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UX9675000 1-PYRROLIDINEACETIC ACID, 3,4-(3-METHYLBENZ(j)ACEANTHRYL-6,12b-DIYL)-2,5-DIOXO-
UPDT:8401 MW: 449.53 MOLFM: C29-H23-N-O4
SYN: ETHYL ESTER of 3-METHYLCHOLANTHRENE-endo-alpha,beta-SUCCINOGLYCINE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:200 mg/kg CNREA8 1,685,41
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UX9676300 1-PYRROLIDINEACETIC ACID, (2-OXO-3-INDOLINYLIDENE)HYDRAZIDE, HYDROCHLORIDE, (Z)-
UPDT:8312 MW: 308.80 MOLFM: C14-H16-N4-O2 Cl-H
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:729 mg/kg FRPSAX 38,559,83

UX9687500 PYRROLIDINE, 1-(1-ALLYLCYCLOHEXYL)-
UPDT:8307 CAS: 7418-88-4 MW: 193.37 MOLFM: C13-H23-N
SYN: (ALLYL-1 CYCLOHEXYL)-N PYRROLIDINE (French) * 1-(1-ALLYLCYCLOHEXYL)PYRROLIDINE
TOXICITY DATA AND REFERENCES:
1F24 ipr-mus LD50:56 mg/kg CHTPBA 1,284,66

UX9706000 PYRROLIDINE, 1-(p-ANILINOBENZYL)-
UPDT:8311 CAS: 64097-55-8 MW: 252.39 MOLFM: C17-H20-N2
SYN: 1-(p-ANILINOBENZYL)PYRROLIDINE * BENZENAMINE, N-PHENYL-4-(1-PYRROLIDINYLMETHYL)- (9CI) * N-PHENYL-4-(1-PYRROLIDINYLMETHYL)BENZENAMINE
TOXICITY DATA AND REFERENCES:
3D28F13F19 orl-mus LD50:350 mg/kg EJMCA5 12,219,77

UX9771200 PYRROLIDINE, 1-(2-(p-(1,2-BIS(p-METHOXYPHENYL)-1-BUTENYL)PHENOXY)ETHYL)-, HYDROCHLORIDE, (E)-
UPDT:8403 CAS: 35278-53-6 MW: 494.12 MOLFM: C30-H35-N-O3 Cl-H
SYN: trans-1-(2-(p-(1,2-BIS(p-METHOXYPHENYL)-1-BUTENYL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE * trans-1,2-BIS(p-METHOXYPHENYL)-1-(p-(2-N-PYRROLIDINOETHOXY)PHENYL)BUT-1-ENE HYDROCHLORIDE * H-1075
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:15 ug/kg (1-3D preg) JRPFA4 34,23,73
1T22 scu-rat TDLo:45 ug/kg (1-3D preg) JRPFA4 34,23,73
1T22 scu-mus TDLo:360 ug/kg (1-3D preg) JRPFA4 34,23,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UX9771300 PYRROLIDINE, 1-(2-(p-(1,2-BIS(p-METHOXYPHENYL)-3-METHYL-1-BUTENYL)PHENOXY)ETHYL)-, HYDROCHLORIDE
UPDT:8403 CAS: 42824-37-3 MW: 508.15 MOLFM: C31-H37-N-O3 Cl-H
SYN: 1-(2-(p-(1,2-BIS(p-METHOXYPHENYL)-3-METHYL-1-BUTENYL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE * H-1291
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:240 ug/kg (1-3D preg) JRPFA4 34,23,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRROLIDINE, 3-BUTYL-3-(m-HYDROXYPHENYL)-1-METHYL see: SK1650000
PYRROLIDINE, 3-(sec-BUTYL)-3-(m-HYDROXYPHENYL)-1-METHYL- see: SK1700000

UY0175000 PYRROLIDINE, 1,1'-(2-BUTYNYLENE)DI-
UPDT:8302 CAS: 51-73-0 MW: 192.34 MOLFM: C12-H20-N2
SYN: BIOFERMIN * 1,4-DIPYRROLIDINO-2-BUTYNE * 1,4-DIPYRROLIDINYL-2-BUTYNE * TREMORINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:315 mg/kg BCPCA6 15,1691,66
3F11K01K12 scu-cat LDLo:5 mg/kg AIPTAK 135,447,62
orl-bwd LD50:100 mg/kg TXAPA9 21,315,72

UY0215000 1-PYRROLIDINEBUTYRAMIDE, alpha-CYCLOHEXYL-alpha-PHENYL-, OXALATE
UPDT:8305 MW: 404.56 MOLFM: C20-H30-N2-O C2-H2-O4
SYN: alpha-CYCLOHEXYL-alpha-PHENYL-1-PYRROLIDINEBUTYRAMIDE OXALATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:66 mg/kg AIPTAK 103,100,55

UY0216000 1-PYRROLIDINEBUTYRAMIDE, alpha,alpha-DIPHENYL-
UPDT:8305 MW: 308.46 MOLFM: C20-H24-N2-O
SYN: alpha,alpha-DIPHENYL-1-PYRROLIDINEBUTYRAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:59 mg/kg AIPTAK 103,100,55

UY0278000 1-PYRROLIDINEBUTYRONITRILE, alpha,alpha-DIPHENYL-, OXALATE
UPDT:8305 MW: 380.48 MOLFM: C20-H22-N2 C2-H2-O4
SYN: alpha,alpha-DIPHENYL-1-PYRROLIDINEBUTYRONITRILE OXALATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1065 ug/kg AIPTAK 103,100,55

UY0281000 1-PYRROLIDINEBUTYRONITRILE, alpha-(PHENYLMETHYL)-alpha-2-THIENYL-, CITRATE
UPDT:8311 CAS: 58562-61-1 MW: 502.63 MOLFM: C19-H22-N2-S C6-H8-O7
SYN: BENZYL-2 (PYRROLIDINYL-1')-4 (THIENYL-2'')-2 BUTYRONITRILE CITRATE (French) * alpha-(PHENYLMETHYL)-alpha-2-THIENYL-1-PYRROLIDINEBUTANENITRILE CITRATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:600 mg/kg EJMCA5 12,379,77
* ipr-mus LD50:300 mg/kg EJMCA5 12,379,77

UY0298000 2-PYRROLIDINECARBOXAMIDE, N-(1-CARBAMOYLBUTYL)-1-(METHYLNITROSOCARBAMOYL)-, L-
UPDT:8305 MW: 299.38 MOLFM: C12-H21-N5-O4
SYN: L-N-(1-CARBAMOYLBUTYL)-1-(METHYLNITROSOCARBAMOYL)-2-PYRROLIDINECARBOXAMIDE * N-METHYL N-NITROSOCARBAMOYL L-PROLYL L-LEUCINAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:260 mg/kg EJMCA5 17,383,82

UY0298100 2-PYRROLIDINECARBOXAMIDE, N-(1-((CARBAMOYLMETHYL)CARBAMOYL)BUTYL)-1-((2-CHLOROETHYL) NITROSOCARBAMOYL)-, L-
UPDT:8305 MW: 404.91 MOLFM: C15-H25-Cl-N6-O5
SYN: N-(CHLORO-2 ETHYL) N-NITROSOCARBAMOYL L-PROLYL L-LEUCYL GLYCINAMIDE (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:260 mg/kg EJMCA5 17,383,82

UY0298150 2-PYRROLIDINECARBOXAMIDE, N-(1-((CARBAMOYLMETHYL)CARBAMOYL)BUTYL)-1- (METHYLNITROSOCARBAMOYL)-, L-
UPDT:8305 MW: 356.44 MOLFM: C14-H24-N6-O5
SYN: N-METHYL N-NITROSOCARBAMOYL L-PROLYL L-LEUCYL GLYCINAMIDE (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg EJMCA5 17,383,82

UY0298500 2-PYRROLIDINECARBOXAMIDE, N-(1-((2-CHLOROETHYL)CARBAMOYL)BUTYL)-1-((2-CHLOROETHYL) NITROSOCARBAMOYL)-, L-
UPDT:8305 MW: 410.35 MOLFM: C15-H25-Cl2-N5-O4
SYN: N-(CHLORO-2 ETHYL) N-NITROSOCARBAMOYL L-PROLYL L-LEUCINE CHLORO-2 ETHYLAMIDE (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:320 mg/kg EJMCA5 17,383,82

UY0298550 2-PYRROLIDINECARBOXAMIDE, N-(1-((2-CHLOROETHYL)CARBAMOYL)BUTYL)-1-(METHYLNITROSOCARBAMOYL)-, L-
UPDT:8305 MW: [illegible]87 MOLFM: C14-H24-Cl-N4-O4
SYN: L-N-(1-((2-CHLOROETHYLCARBAMOYL)BUTYL) [illegible] (METHYLNITROSOCARBAMOYL)-2-PYRROLIDINECARBOXAMIDE * N-METHYL [illegible] NITROSOCARBAMOYL L-PROLYL L-LEUCINE CHLORO-2 ETHYLAMIDE (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg EJMCA5 17,383,82

UY0298700 2-PYRROLIDINECARBOXAMIDE, N-(1-((((2-CHLOROETHYL)CARBAMOYL)METHYL)CARBAMOYL)BUTYL)-1-((2-CHLOROETHYL)NITROSOCARBAMOYL)-, L-
UPDT:8305 MW: 467.41 MOLFM: C17-H28-Cl2-N6-O5
SYN: N-(CHLORO-2 ETHYL) N-NITROSOCARBAMOYL L-PROLYL L-LEUCYL GLYCINE CHLORO-2 ETHYLAMIDE (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:410 mg/kg EJMCA5 17,383,82

UY0298750 2-PYRROLIDINECARBOXAMIDE, N-(1-((((2-CHLOROETHYL)CARBAMOYL)METHYL)CARBAMOYL)BUTYL)-1-(METHYLNITROSOCARBAMOYL)-
UPDT:8305 MW: 418.94 MOLFM: C16-H27-Cl-N6-O5
SYN: N-METHYL N-NITROSOCARBAMOYL L-PROLYL L-LEUCYL GLYCINE CHLORO-2 ETHYLAMIDE (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg EJMCA5 17,383,82

UY0315000 1-PYRROLIDINECARBOXAMIDE, N,N'-ETHYLENEBIS(N-BUTYL-
UPDT:8306 MW: 366.62 MOLFM: C20-H38-N4-O2
SYN: N,N'-DIBUTYL-N,N'-BIS(PYRROLIDINOCARBONYL)ETHYLENEDIAMINE * N,N'-ETHYLENEBIS(N-BUTYL-1-PYRROLIDINECARBOXAMIDE)
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:167 mg/kg CPBTAL 21,1,73

UY0350000 2-PYRROLIDINECARBOXAMIDE, 5-OXO-N-(2-PHENYLCYCLOPROPYL)-
UPDT:8403 CAS: 23887-48-1 MW: 244.32 MOLFM: C14-H16-N2-O2
SYN: CYPROMIN * EX 4883 * 5-OXO-N-(2-PHENYLCYCLOPROPYL)-2-PYRROLIDINECARBOXAMIDE * (+)-5-OXO-N-(trans-2-PHENYLCYCLOPROPYL)-L-2-PYRROLIDINECARBOXAMIDE * d-5-OXO-N-(trans-2-PHENYLCYCLOPROPYL)-L-2-PYRROLIDINECARBOXAMIDE * D-N-(trans-2-PHENYLCYCLOPROPYL)-L-5-PYRROLIDONE-2-CARBOXAMIDE * RMI 83027 * ROLICYPRINE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:96 mg/kg TXAPA9 18,185,71
* ipr-mus LD50:113 mg/kg EJPHAZ 21,46,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0361000 1-PYRROLIDINECARBOXANILIDE, 4'-FLUORO-
UPDT:8402 MW: 208.26 MOLFM: C11-H13-F-N2-O
SYN: 4'-FLUORO-1-PYRROLIDINECARBOXANILIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:4 gm/kg APFRAD 40,339,82
* ipr-mus LD50:875 mg/kg APFRAD 40,339,82

UY0365500 1,2-PYRROLIDINECARBOXYLIC ACID, 1-BENZYL-2-VINYL ESTER
UPDT:8305 MW: 275.33 MOLFM: C15-H17-N-O4
SYN: N-CARBOBENZOXY-L-PROLINE VINYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 ivg-mus TDLo:280 mg/kg (28D pre) JPMSAE 68,696,79
TOXICITY DATA AND REFERENCES:
* ivg-mus LD50:500 mg/kg JPMSAE 68,696,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0550000 1-PYRROLIDINECARBOXYLIC ACID, 1-(D-3-MERCAPTO-2-METHYL-1-PROPIONYL-, L- (S,S)
UPDT:8403 CAS: 62571-86-2 MW: 214.28 MOLFM: C9-H12-N-O3-S
SYN: CAPOTEN * CAPTOPRIL * LOPIRIN * 1-(3-MERCAPTO-2-METHYL-1-OXOPROPYL)-L-PROLINE * 1-(D-3-MERCAPTO-2-METHYL-1-OXOPROPYL)-L-PROLINE (S,S) * D-3-MERCAPTO-2-METHYLPROPANOYL-L-PROLINE * 1-((2S)-3-MERCAPTO-2-METHYLPROPIONYL)-L-PROLINE * (2S)-1-(3-MERCAPTO-2-METHYLPROPIONYL)-L-PROLINE * D-2-METHYL-3-MERCAPTOPROPANOYL-L-PROLINE * L-PROLINE, 1-(3-MERCAPTO-2-METHYL-1-OXOPROPYL)-, (S)- * SQ 14,225
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-rbt TDLo:40 mg/kg (15-30D preg) PSEBAA 170,378,82
TOXICITY DATA AND REFERENCES:
3F07H02J22 orl-wmn LDLo:1500 ug/kg/7W AIMEAS 94,58,81
* orl-rat LD50:4245 mg/kg IYKEDH 14,297,83
* ivn-rat LD50:554 mg/kg IYKEDH 14,297,83
* orl-mus LD50:4249 mg/kg IYKEDH 14,297,83
* ivn-mus LD50:663 mg/kg IYKEDH 14,297,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0685000 2-PYRROLIDINECARBOXYLIC ACID, 5-OXO-, MAGNESIUM SALT (2:1)
UPDT:8308 MW: 280.55 MOLFM: C10-H12-N2-O6 Mg
SYN: MAGNESIUM 5-OXO-2-PYRROLIDINECARBOXYLATE * 5-OXO-2-PYRROLIDINECARBOXYLIC ACID MAGNESIUM SALT (2:1) * PCMH * PYRROLIDONE CARBOX[illegible] de MAGNESIUM HYDRATE (French)
TOXICITY DATA AND REFERENCES:
2F07F13 ipr-rat LD50:1460 mg/kg THERAP 31,471,76
2F07F13 orl-mus LD50:11800 mg/kg THERAP 31,471,76
2F07F13 ipr-mus LD50:1350 mg/kg THERAP 31,471,76
2F07F13 scu-mus LD50:1400 mg/kg THERAP 31,471,76
2F07F13 ivn-mus LD50:305 mg/kg THERAP 31,471,76

UY0703800 PYRROLIDINE, 1-(3-((5-CHLORO-2-METHOXYPHENYL)SULFONYL)PROPYL)-, HYDROCHLORIDE
UPDT:8305 MW: 354.32 MOLFM: C14-H20-Cl-N-O3-S Cl-H

SYN: 1-(3-((5-CHLORO-2-METHOXYPHENYL)SULFONYL)PROPYL)PYRROLIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:390 mg/kg APFRAD 39,283,81
* ivn-mus LD50:105 mg/kg APFRAD 39,283,81

UY0704600 PYRROLIDINE, 2-(2-((p-CHLORO-alpha-METHYL-alpha-PHENYLBENZYL)OXY)ETHYL)-1-METHYL-, (+)-, FUMARATE (1:1)
UPDT:8403 CAS: 14976-57-9 MW: 460.01 MOLFM: C21-H26-Cl-N-O C4-H4-O4
SYN: AGASTEN * ALOGINAN * ALPHAMIN * ANHISTAN * (+)-2-(2-((p-CHLORO-alpha-METHYL-alpha-PHENYLBENZYL)OXY)ETHYL)-1-METHYL PYRROLIDINE FUMARATE * CLEMANIL * CLEMASTINE FUMARATE * CLEMASTINE HYDROGEN FUMARATE * FULUMINOL * HS 592 * INBESTAN * KINOTOMIN * LACRETIN * LECASOL * MAIKOHIS * MALLERMIN-F * MARSTHINE * MASLETINE * MECLASTINE HYDROGEN FUMARATE * PILORAL * RECONIN * TAVEGIL * TAVEGYL * TAVIST * TELGIN-G * TRABEST * XOLAMIN
TOXICITY DATA AND REFERENCES:
3F07F13F17 orl-rat LD50:3550 mg/kg BCFAAI 106,467,67
3F07F13F17 ivn-rat LD50:82 mg/kg BCFAAI 106,467,67
3F07F13F17 orl-mus LD50:730 mg/kg BCFAAI 106,467,67
3F07F13F17 ivn-mus LD50:43 mg/kg BCFAAI 106,467,67
3F08F23K13 orl-dog LD50:175 mg/kg BCFAAI 106,467,67
* orl-rbt LD50:1 gm/kg NIIRDN 6,230,82
3F07F13F17 ivn-rbt LD50:19 mg/kg BCFAAI 106,467,67

UY0706500 PYRROLIDINF, 1-(2-(4-(3-(4-CHLOROPHENYL)-2,2-DIMETHYL-7-METHOXY-2H-1-BENZOPYRAN-4-YL) PHENOXY)ETHYL)-, HYDROCHLORIDE
UPDT:8401 CAS: 57897-55-9 MW: 526.54 MOLFM: C30-H32-Cl-N-O3 Cl-H
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:25 mg/kg (1-5D preg) JMCMAR 19,276,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0731000 PYRROLIDINE, 1-(3-CYCLOHEXENE-1-YLMETHYL)-, HYDROCHLORIDE
UPDT:8303 CAS: 2108-73-8 MW: 201.77 MOLFM: C11-H19-N Cl-H
SYN: 1-(3-CYCLOHEXEN-1-YLMETHYL)PYRROLIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:32 mg/kg APFRAD 24,785,66

UY0732500 PYRROLIDINE, 1-(CYCLOHEXYLMETHYL)-, HYDROCHLORIDE
UPDT:8303 CAS: 5005-21-0 MW: 203.79 MOLFM: C11-H21-N Cl-H
SYN: 1-(CYCLOHEXYLMETHYL)PYRROLIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:62 mg/kg APFRAD 24,785,66

L-1,2-PYRROLIDINEDICARBOXYLIC ACID 1-BENZYL ESTER see: UY0745000

UY0745000 1,2-PYRROLIDINEDICARBOXYLIC ACID, 1-BENZYL ESTER, L-
UPDT:8305 CAS: 1148-11-4 MW: 249.29 MOLFM: C13-H15-N-O4
SYN: BENZYLOXYCARBONYLPROLINE * BENZYLOXYCARBONYL-L-PROLINE * N-BENZYLOXYCARBONYLPROLINE * 1-(BENZYLOXYCARBONYL)PROLINE * CARBOBENZOXY-L-PROLINE * CARBOBENZOXY-S-PROLINE * N-CARBOBENZOXY-L-PROLINE * CARBOBENZYLOXY-L-PROLINE * L-1,2-PYRROLIDINEDICARBOXYLIC ACID 1-BENZYL ESTER * 1,2-PYRROLIDINEDICARBOXYLIC ACID, 1-(PHENYLMETHYL) ESTER, (S)- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 ipr-mus TDLo:280 mg/kg (28D pre) JPMSAE 68,696,79
1T22 ivg-mus TDLo:280 ug/kg (28D pre) JPMSAE 68,696,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0745100 1,2-PYRROLIDINEDICARBOXYLIC ACID, 1-BENZYL 2-(1,2-DIBROMOETHYL) ESTER
UPDT:8305 MW: 435.15 MOLFM: C15-H17-Br2-N-O4
SYN: N-CARBOBENZOXY-L-PROLINE 1,2-DIBROMOETHYL ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 ipr-mus TDLo:280 mg/kg (28D pre) JPMSAE 68,696,79
1T22 ivg-mus TDLo:280 mg/kg (28D pre) JPMSAE 68,696,79
TOXICITY DATA AND REFERENCES:
* ivg-mus LD50:225 mg/kg JPMSAE 68,696,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,2-PYRROLIDINEDICARBOXYLIC ACID, 1-(PHENYLMETHYL) ESTER, (S)- (9CI) see: UY0745000

UY0800000 PYRROLIDINE, 3,4-DICHLORO-N-NITROSO-
UPDT:8401 CAS: 59863-59-1 MW: 169.02 MOLFM: C4-H6-Cl2-N2-O
SYN: 3,4-DICHLORO-N-NITROSOPYRROLIDINE
MUTATION DATA AND REFERENCES:
mma-sat 250 ug/plate MUREAV 89,35,81
TUMORIGENIC DATA AND REFERENCES:
3V03D09K60 orl-rat TDLo:1550 mg/kg/31W-I CNREA8 36,1988,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0866000 PYRROLIDINE, 1-(2-(4-(2,2-DIETHYL-7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)ETHYL)-, HYDROCHLORIDE
UPDT:8401 CAS: 57897-58-2 MW: 520.16 MOLFM: C32-H37-N-O3 Cl-H
SYN: 1-(2-(4-(2,2-DIETHYL-7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)ETHYL)PYRROLIDINE HCl
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:50 mg/kg (1-5D preg) JMCMAR 19,276,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0869000 PYRROLIDINE, 3-(10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTEN-5-YLIDENE)-1-ETHYL-2-METHYL-
UPDT:8303 CAS: 16378-21-5 MW: 303.48 MOLFM: C22-H25-N
SYN: 3-(10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTEN-5-YLIDENE)-1-ETHYL-2-METHYLPYRROLIDINE * PIROHEPTINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:600 mg/kg ARZNAD 22,961,72
* ipr-rat LD50:100 mg/kg ARZNAD 22,961,72
* scu-rat LD50:330 mg/kg ARZNAD 22,961,72
* ivn-rat LD50:16 mg/kg ARZNAD 22,961,72
* orl-mus LD50:127 mg/kg ARZNAD 22,961,72
* ipr-mus LD50:78 mg/kg ARZNAD 22,961,72
* scu-mus LD50:91 mg/kg ARZNAD 22,961,72
* ivn-mus LD50:19 mg/kg ARZNAD 22,961,72
* orl-dog LD50:195 mg/kg ARZNAD 22,961,72
* ivn-dog LD50:13 mg/kg ARZNAD 22,961,72
* orl-rbt LD50:383 mg/kg ARZNAD 22,961,72
* ivn-rbt LD50:6 mg/kg ARZNAD 22,961,72

UY0870000 PYRROLIDINE, 3-(10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTEN-5-YLIDENE)-1-ETHYL-2-METHYL-, HYDROCHLORIDE
UPDT:8403 CAS: 16378-22-6 MW: 339.94 MOLFM: C22-H25-N Cl-H
SYN: PIROHEPTINE HYDROCHLORIDE * TRIMOL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:600 mg/kg IYKEDH 4,467,73
* ipr-rat LD50:100 mg/kg IYKEDH 4,467,73
* scu-rat LD50:330 mg/kg NIIRDN 6,647,82
* ivn-rat LD50:16 mg/kg IYKEDH 4,467,73
* orl-mus LD50:127 mg/kg NIIRDN 6,647,82
* ipr-mus LD50:78 mg/kg NIIRDN 6,647,82
* scu-mus LD50:91 mg/kg NIIRDN 6,647,82
* ivn-mus LD50:19 mg/kg IYKEDH 4,467,73

UY0875050 PYRROLIDINE, 1-(2-(4-(3,4-DIHYDRO-2,2-DIETHYL-7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL) PHENOXY)ETHYL)-, HYDROCHLORIDE
UPDT:8401 MW: 522.18 MOLFM: C32-H39-N-O3 Cl-H
SYN: trans-2,2-DIETHYL-3-PHENYL-4-p-(beta-PYRROLIDINOETHOXY)PHENYL 7-METHOXYCHROMAN HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:25 mg/kg (1-5D preg) JMCMAR 19,276,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0875100 PYRROLIDINE, 1-(2-(4-(3,4-DIHYDRO-2,2-DIMETHYL-7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL) PHENOXY)ETHYL)-
UPDT:8401 CAS: 51423-20-2 MW: 457.66 MOLFM: C30-H35-N-O3
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:350 mg/kg (1-7D preg) JMCMAR 26,592,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0875200 PYRROLIDINE, 1-(2-(4-(3,4-DIHYDRO-2,2-DIMETHYL-7-METHOXY-4-PHENYL-2H-1-BENZOPYRAN-3-YL) PHENOXY)ETHYL)-, (E)-
UPDT:8401 CAS: 84394-37-6 MW: 457.66 MOLFM: C30-H35-N-O3
SYN: trans-2,2-DIMETHYL-3-(p-(beta-PYRROLIDINOETHOXY)PHENYL)-4-PHENYL-7-METHOXYCHROMAN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:14 mg/kg (1-7D preg) JMCMAR 26,592,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0875250 PYRROLIDINE, 1-(2-(4-(3,4-DIHYDRO-2,2-DIMETHYL-7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL) PHENOXY)ETHYL)-, HYDROCHLORIDE, (E)-
UPDT:8401 MW: 494.12 MOLFM: C30-H35-N-O3 Cl-H
SYN: trans-2,2-DIMETHYL-3-PHENYL-4-p-(beta-PYRROLIDINOETHOXYPHENYL)-7-METHOXYCHROMAN HCl
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:1250 ug/kg (1-5D preg) JMCMAR 19,276,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0875300 PYRROLIDINE, 1-(3-(4-(3,4-DIHYDRO-2,2-DIMETHYL-7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL) PHENOXY)PROPYL)-, HYDROCHLORIDE, (E)-
UPDT:8401 CAS: 84394-09-2 MW: 511.18 MOLFM: C31-H40-N-O3 Cl-H
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:2100 ug/kg (1-7D preg) JMCMAR 26,592,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0877200 PYRROLIDINE, 1-(2-(4-(3,4-DIHYDRO-7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)ETHYL)-, (E)-
UPDT:8401 CAS: 33382-08-0 MW: 429.60 MOLFM: C28-H31-N-O3
SYN: (E)-1-(2-(4-(3,4-DIHYDRO-7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)ETHYL)PYRROLIDINE * 3,4-trans-3-PHENYL-4-p-(beta-PYRROLIDINOETHOXY)PHENYL-7-METHOXYCHROMAN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:1250 ug/kg (1-5D preg) JMCMAR 19,276,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0877500 PYRROLIDINE, 1-(2-(4-(3,4-DIHYDRO-7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)ETHYL)-, (Z)-
UPDT:8401 CAS: 33382-06-8 MW: 429.60 MOLFM: C28-H31-N-O3
SYN: (Z)-1-(2-(4-(3,4-DIHYDRO-7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)ETHYL)PYRROLIDINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:5 mg/kg (1-5D preg) JMCMAR 19,276,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRROLIDINE, 1-(2-(4-(3,4-DIHYDRO-6-METHOXY-2-PHENYL-1-NAPHTHALENYL)PHENOXY)ETHYL)-, HCl see: UY0881100

UY0880000 PYRROLIDINE, 1-(2-(p-(3,4-DIHYDRO-6-METHOXY-2-PHENYL-1-NAPHTHYL)PHENOXY)ETHYL)-
UPDT:8401 CAS: 1845-11-0 MW: 425.61 MOLFM: C29-H31-N-O2
SYN: 1-(2-(4-(3,4-DIHYDRO-6-METHOXY-2-PHENYL-1-NAPHTHALENYL)PHENOXY)ETHYL)PYRROLIDENE * 1-(2-(p-(3,4-DIHYDRO-6-METHOXY-2-PHENYL-1-NAPHTHYL)PHENOXY)ETHYL)PYRROLIDINE * NAFOXIDINE * PYRROLIDENE, 1-(2-(4-(3,4-DIHYDRO-6-METHOXY-2-PHENYL-1-NAPHTHALENYL)PHENOXY)ETHYL)-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T12T13T19 scu-rat TDLo:500 ug/kg (1D pre) JSTBBK 12,47,80
1T14 scu-rat TDLo:250 ug/kg (1D pre) JMCMAR 25,323,82
TUMORIGENIC DATA AND REFERENCES:
2V03T64 scu-rat TDLo:500 ug/kg JSTBBK 12,47,80
2V03T64 par-rat TDLo:200 ug/kg SCIEAS 197,164,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0881100 PYRROLIDINE, 1-(2-(p-(3,4-DIHYDRO-6-METHOXY-2-PHENYL-1-NAPHTHYL)PHENOXY)ETHYL)-, HYDROCHLORIDE
UPDT:8412 CAS: 1847-63-8 MW: 462.07 MOLFM: C29-H31-N-O2 Cl-H
SYN: 11100A * 1-(2-(p-(3,4-DIHYDRO-6-METHOXY-2-PHENYL-1-NAPHTHYL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE * NAFOXIDINE HYDROCHLORIDE * PYRROLIDINE, 1-(2-(4-(3,4-DIHYDRO-6-METHOXY-2-PHENYL-1-NAPHTHALENYL)PHENOXY)ETHYL)-, HCl * U 11100 * U 11100A
MUTATION DATA AND REFERENCES:
spm-rbt-scu 45 mg/kg JRPFA4 11,107,66
spm-rbt-unk 45 mg/kg/45D-I ADRPBI 4,65,69
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:250 ug/kg (1D preg) PSEBAA 112,439,63
3T24T25T26 orl-rat TDLo:45 ug/kg (1-9D preg) CCPTAY 3,347,71
1T13 orl-rat TDLo:70 ug/kg (7D pre) CCPTAY 3,347,71
1T25 scu-rat TDLo:5 mg/kg (5D preg) CCPTAY 14,487,76
1T13 scu-rat TDLo:1500 ug/kg (3D pre) CCPTAY 10,395,74
1T24 scu-rat TDLo:500 ug/kg (3D preg) CCPTAY 5,473,72
1T22 scu-rat TDLo:300 ug/kg (1-3D preg) JRPFA4 15,33,68
1T22 unk-rat TDLo:175 ug/kg (7D pre) 85GUAJ -,164,66
1T29 orl-mus TDLo:10 mg/kg (2D preg) JRPFA4 18,201,69
1T24 orl-mus TDLo:1 mg/kg (1-4D preg) JRPFA4 18,201,69
1T22 scu-mus TDLo:6 mg/kg (1-3D preg) JRPFA4 9,277,65
1T13 scu-mus TDLo:132 ug/kg (3D pre) FESTAS 20,211,69
1T29 scu-mus TDLo:8 mg/kg (4D preg) CCPTAY 5,215,72
1T22 orl-rbt TDLo:5 mg/kg (1-10D preg) PSEBAA 112,439,63
1T29 orl-rbt TDLo:3 mg/kg (1-3D preg) FESTAS 16,281,65
1T31 orl-rbt TDLo:12300 ug/kg (6-8D preg) FESTAS 16,281,65
1T01 scu-rbt TDLo:22500 ug/kg (45D male) JRPFA4 11,107,66
1T02 scu-rbt TDLo:45 mg/kg (45D male) JRPFA4 11,107,66
1T24 scu-rbt TDLo:1500 ug/kg (1-3D preg) FESTAS 20,211,69
1T22 scu-rbt TDLo:40 mg/kg (10D pre) FESTAS 23,196,72
2T24T34 unk-rbt TDLo:2400 ug/kg (1-12D preg) CCPTAY 2,85,70
1T24 unk-rbt TDLo:1500 ug/kg (1-3D preg) FESTAS 18,18,67
1T22 orl-gpg TDLo:7500 ug/kg (1-10D preg) PSEBAA 112,439,63
2T25T26 orl-ham TDLo:450 mg/kg (1-9D preg) CCPTAY 3,347,71

1T13 orl-ham TDLo:35 mg/kg (7D pre) CCPTAY 3,347,71
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:302 mg/kg PSEBAA 112,439,63
* ipr-mus LD50:143 mg/kg PSEBAA 112,439,63
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0888000 PYRROLIDINE, 1-(2-(p-(6,7-DIHYDRO-2-PHENYL-5H-INDENO(5,6-b)FURAN-3-YL)PHENOXY)ETHYL)-, HYDROCHLORIDE
UPDT:8403 CAS: 25439-45-6 MW: 460.05 MOLFM: C29-H29-N-O2 Cl-H
SYN: 1-(2-(p-(6,7-DIHYDRO-2-PHENYL-5H-INDENO(5,6-b)FURAN-3-YL)PHENOXY)ETHYL)PYRROLIDINE HCl
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:100 mg/kg (1-5D preg) JMCMAR 13,54,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0891000 PYRROLIDINE, 1-(2-(p-(5,6-DIMETHOXY-2-PHENYL-3-BENZOFURANYL)PHENOXY)ETHYL)-, HYDROCHLORIDE
UPDT:8403 CAS: 3333-83-3 MW: 480.04 MOLFM: C28-H29-N-O4 Cl-H
SYN: 1-(7-(p-(5,6-DIMETHOXY-2-PHENYL-3-BENZOFURANYL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:400 mg/kg (1-5D preg) JMCMAR 13,54,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0897000 PYRROLIDINE, 1,1'-((1,2-DIMETHYLETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))DI-, meso-
UPDT:8403 CAS: 15515-44-3 MW: 436.70 MOLFM: C28-H40-N2-O2
SYN: meso-1,1'-((1,2-DIMETHYLETHYLENE)BIS(p-PHENYLENEOXYETHYLENE))DIPYRROLIDINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:40 mg/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0912000 PYRROLIDINE, 1-(2-(p-(alpha,beta-DIMETHYL-p-METHOXYPHENETHYL)PHENOXY)ETHYL)-, HYDROCHLORIDE, erythro-
UPDT:8403 CAS: 15515-45-4 MW: 390.01 MOLFM: C23-H31-N-O2 Cl-H
SYN: erythro-1-(2-(p-(alpha,beta-DIMETHYL-p-METHOXYPHENETHYL)PHENOXY)ETHYL)PYRROLIDINE HCl
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:400 ug/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0914000 PYRROLIDINE, 1-(2-(4-(2,2-DIMETHYL-7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)ETHYL)-
UPDT:8401 CAS: 53996-41-1 MW: 455.64 MOLFM: C30-H33-N-O3
SYN: 2H-1-BENZOPYRAN, 2,2-DIMETHYL-7-METHOXY-3-PHENYL-4-(p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)- * 2,2-DIMETHYL-7-METHOXY-3-PHENYL-4-(p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)-2H-1-BENZOPYRAN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:35 mg/kg (1-7D preg) JMCMAR 26,592,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0915000 PYRROLIDINE, 1-(2-(3-(2,2-DIMETHYL-7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)ETHYL)-, HYDROCHLORIDE
UPDT:8401 CAS: 84394-15-0 MW: 492.10 MOLFM: C30-H33-N-O3 Cl-H
SYN: 2,2-DIMETHYL-3-PHENYL-4-(m-(beta-PYRROLIDINOETHOXY)PHENYL)-7-METHOXYCHROMENE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:7 mg/kg (1-7D preg) JMCMAR 26,592,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0916000 PYRROLIDINE, 1-(2-(4-(2,2-DIMETHYL-7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)ETHYL)-, HYDROCHLORIDE
UPDT:8401 CAS: 57897-49-1 MW: 492.10 MOLFM: C30-H33-N-O3 Cl-H
SYN: 2,2-DIMETHYL-3-PHENYL-4-(p-(beta-PYRROLIDINOETHOXY)PHENYL)-7-METHOXYCHROMENE HYDROCHLORIDE * 1-(2-(4-(2,2-DIMETHYL-7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)ETHYL)PYRROLIDINE HCl
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:25 mg/kg (1-5D preg) JMCMAR 19,276,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0925000 PYRROLIDINE, 1-(2-((2,2-DIMETHYL-4-(4-METHOXYPHENYL)-3-PHENYL-2H-1-BENZOPYRAN-7-YL)OXY) ETHYL)-, HYDROCHLORIDE
UPDT:8401 CAS: 57897-53-7 MW: 492.10 MOLFM: C30-H33-N-O3 Cl-H
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:50 mg/kg (1-5D preg) JMCMAR 19,276,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY0950000 PYRROLIDINE, 1-(2-(p-(alpha,beta-DIMETHYL-p-METHOXYSTYRYL)PHENOXY)ETHYL)-, HYDROCHLORIDE, (E)-
UPDT:8403 CAS: 15542-06-0 MW: 387.99 MOLFM: C23-H29-N-O2 Cl-H
SYN: trans-1-(2-(p-(alpha,beta-DIMETHYL-p-METHOXYSTYRYL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:4 mg/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1010000 PYRROLIDINE, 2,5-DIMETHYL-N-NITROSO-
UPDT:8401 CAS: 55556-86-0 MW: 128.20 MOLFM: C6-H12-N2-O
SYN: 2,5-DIMETHYL-N-NITROSOPYRROLIDINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:5625 mg/kg/50W-I CNREA8 36,1986,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1010500 PYRROLIDINE, 1-(2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYL)-, CITRATE
UPDT:8406 MW: 457.63 MOLFM: C17-H31-N-O C6-H8-O7
SYN: 1-(2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)ETHYL)PYRROLIDINE CITRATE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:29 mg/kg APFRAD 40,133,82

UY1011000 PYRROLIDINE, 1-(2-(4-(2,2-DIMETHYL-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)ETHYL)-, HYDROCHLORIDE
UPDT:8401 CAS: 57897-51-5 MW: 462.07 MOLFM: C29-H31-N-O2 Cl-H
SYN: 1-(2-(4-(2,2-DIMETHYL-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:50 mg/kg (1-5D preg) JMCMAR 19,276,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1011400 PYRROLIDINE, 1,1'-((DIMETHYLVINYLENE)BIS(p-PHENYLENEOXY))DI-, DIHYDROCHLORIDE, (E)-
UPDT:8403 CAS: 21853-05-4 MW: 507.60 MOLFM: C28-H38-N2-O2 2Cl-H
SYN: trans-1,1'-((DIMETHYLVINYLENE)BIS(p-PHENYLENEOXY))DIPYRROLIDINE DIHYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:8 mg/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3,4-PYRROLIDINEDIOL, 2-(p-METHOXYBENZYL)-, 3-ACETATE, (2S,3R,4R)- see: BZ9800000
2,5-PYRROLIDINEDIONE see: WN2200000

UY1013500 2,5-PYRROLIDINEDIONE, 1-CHLORO-
UPDT:8403 CAS: 128-09-6 MW: 133.54 MOLFM: C4-H4-Cl-N-O2
SYN: 1-CHLORO-2,5-PYRROLIDINEDIONE * N-CHLOROSUCCINIMIDE * SUCCINCHLORIMIDE * SUCCINIMIDE, N-CHLORO- * SUCCINOCHLORIMIDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:840 mg/kg/70W-I JNCIAM 53,695,74
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1000 mg/kg PHRPA6 59,541,44
ivn-rat LDLo:200 mg/kg PHRPA6 59,541,44
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2,5-PYRROLIDINEDIONE, 1-(3,5-DICHLOROPHENYL)- see: WN2500000
2,5-PYRROLIDINEDIONE, 3-(3-(1-METHYLETHOXY)PHENYL)- see: WN2818000
2,5-PYRROLIDINEDIONE, 1-METHYL-3-PHENYL- (9CI) see: WN3325000

UY1034000 PYRROLIDINE, 1-((2,4-DIOXO-3-AZABICYCLO(3.2.1)OCT-3-YL-1,8,8-TRIMETHYL)ACETYL)-
UPDT:8412 MW: 292.42 MOLFM: C16-H24-N2-O3
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:580 mg/kg YKKZAJ 84,918,64

UY1036000 PYRROLIDINE, 1-(2,2-DIPHENYLBUTYRYL)-2-METHYL-
UPDT:8402 CAS: 34067-03-3 MW: 307.47 MOLFM: C21-H25-N-O
SYN: 1-(2,2-DIPHENYLBUTYRYL)-2-METHYLPYRROLIDINE * 2-METHYL-1-(1-OXO-2,2-DIPHENYLBUTYL)PYRROLIDINE * PYRROLIDINE, 2-METHYL-1-(1-OXO-2,2-DIPHENYLBUTYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-qal LD50:316 mg/kg JRPFA4 48,371,76

UY1038000 PYRROLIDINE, 1-(2-(p-(2,4-DIPHENYL-3-FURYL)PHENOXY)ETHYL)-
UPDT:8405 CAS: 54756-54-6 MW: 409.56 MOLFM: C28-H27-N-O2
SYN: 1-(2-(p-(2,4-DIPHENYL-3-FURYL)PHENOXY)ETHYL)PYRROLIDINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:5 mg/kg (1-5D preg) IJOCAP 12,1144,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1039000 PYRROLIDINE, 1-(2-(p-(4,5-DIPHENYL-3-FURYL)PHENOXY)ETHYL)-, OXALATE, HYDRATE
UPDT:8405 MW: 517.62 MOLFM: C28-H27-N-O2 C2-H2-O4 H2-O
SYN: 1-(2-(p-(4,5-DIPHENYL-3-FURYL)PHENOXY)ETHYL)PYRROLIDINE OXALATE HYDRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:250 mg/kg (1-5D preg) IJOCAP 12,1144,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1060000 PYRROLIDINE, 1-(2-(p-(2,3-DIPHENYL-1-PROPENYL)PHENOXY)ETHYL)-
UPDT:8302 MW: 383.52 MOLFM: C27-H29-N-O
SYN: 1-(2-(p-(2,3-DIPHENYL-1-PROPENYL)PHENOXY)ETHYL)PYRROLIDINE * 2,3-DIPHENYL-1-(2-PYRROLIDINOETHOXY)PHENYLPROPENE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:50 mg/kg (1-5D preg) IJEBA6 9,104,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1140000 PYRROLIDINE, 1,1'-DITHIODIETHYLENEDI-, DIHYDROCHLORIDE
UPDT:8312 MW: 333.42 MOLFM: C12-H24-N2-S2 2Cl-H
SYN: DISULFIDE, BIS(2-(1-PYRROLIDINYL)ETHYL)-, DIHYDROCHLORIDE * 1,1'-DITHIODIETHYLENEDIPYRROLIDINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:350 mg/kg JPMSAE 65,1247,76
* ipr-mus LD50:80 mg/kg JPMSAE 65,1247,76

UY1150000 PYRROLIDINE, 1-(1,2-DITHIOLAN-4-YL)-, OXALATE (1:1)
UPDT:8412 CAS: 15589-25-0 MW: 265.37 MOLFM: C7-H13-N-S2 C2-H2-O4
SYN: 1-(1,2-DITHIOLAN-4-YL)PYRROLIDINE OXALATE (1:1)
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:9 mg/kg NTIS** AD868-447

UY1152000 PYRROLIDINE, 1-(2-(DODECYLOXY)ETHYL)-, HYDROCHLORIDE
UPDT:8412 CAS: 37439-37-5 MW: 320.02 MOLFM: C18-H37-N-O Cl-H
TOXICITY DATA AND REFERENCES:
3F07J25M14 orl-mus LD50:1 gm/kg OYYAA2 8,1205,74
3F07J25M14 scu-mus LD50:628 mg/kg OYYAA2 8,1205,74

PYRROLIDINE (DOT) see: UX9650000

UY1162000 1-PYRROLIDINEETHANAMINE, beta-((2-METHYLPROPOXY)METHYL)-N-PHENYL-N-(PHENYLMETHYL)-, MONOHYDROCHLORIDE, MONOHYDRATE
UPDT:8408 MW: 421.08 MOLFM: C24-H34-N2-O Cl-H H2-O
SYN: ANGOPRIL * BEPRIDIL HYDROCHLORIDE MONOHYDRATE * CERM 1978 * CORDIUM * 3-ISOBUTOXY-2-PYRROLIDINO-N-PHENYL-N-BENZYLPROPYLAMINE HYDROCHLORIDE HYDRATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1955 mg/kg GWXXBX #2802864
* ivn-mus LD50:23500 ug/kg GWXXBX #2802864

UY1164000 1-PYRROLIDINEETHANETHIOL, HYDROGEN SULFATE (ester)
UPDT:8312 MW: 211.32 MOLFM: C6-H13-N-O3-S2
SYN: THIOSULFURIC ACID, S-2-(1-PYRROLIDINYL)ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 65,1247,76
* ipr-mus LD50:100 mg/kg JPMSAE 65,1247,76

UY1210000 1-PYRROLIDINEETHANOL, alpha-tert-BUTYL-alpha-PHENYL-, HYDROCHLORIDE
UPDT:8305 MW: 283.88 MOLFM: C16-H25-N-O Cl-H
SYN: alpha-tert-BUTYL-alpha-PHENYL-1-PYRROLIDINEETHANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3E15K01K30 ipr-mus LD50:125 mg/kg APFRAD 39,519,81

UY1213000 1-PYRROLIDINEETHANOL, alpha-(p-CHLOROPHENYL)-, p-CHLOROBENZOATE, HYDROCHLORIDE
UPDT:8309 MW: 411.31 MOLFM: C19-H19-Cl-N2-O4 Cl-H
SYN: BENZOIC ACID, p-NITRO-, p-CHLORO-alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE * alpha-(p-CHLOROPHENYL)-1-PYRROLIDINEETHANOL p-CHLOROBENZOATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:1000 mg/kg JACSAT 81,203,59

UY1215000 1-PYRROLIDINEETHANOL, alpha-CYCLOHEXYL-, p-NITROBENZOATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 382.93 MOLFM: C19-H26-N2-O4 Cl-H
SYN: BENZOIC ACID, p-NITRO-, 1-CYCLOHEXYL-2-(1-PYRROLIDINYL)ETHYL ESTER, HYDROCHLORIDE * alpha-CYCLOHEXYL-1-PYRROLIDINEETHANOL p-NITROBENZOATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:750 mg/kg JACSAT 81,203,59

UY1225000 PYRROLIDINEETHANOL, 3,4-DIMETHYL-
UPDT:8407 CAS: 63886-56-6 MW: 143.26 MOLFM: C8-H17-N-O

SYN: 3,4-DIMETHYLPYRROLIDINE ETHANOL
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 10,61,54
eye-rbt 250 ug open AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1230 mg/kg AMIHBC 10,61,54
* skn-rbt LD50:850 mg/kg AMIHBC 10,61,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1225100 1-PYRROLIDINEETHANOL, alpha,alpha-DIPHENYL-
UPDT:8305 MW: 267.40 MOLFM: C18-H21-N-O
SYN: alpha,alpha-DIPHENYL-1-PYRROLIDINEETHANOL * SCH 1902
TOXICITY DATA AND REFERENCES:
2F07F12 ipr-mus LD50:85 mg/kg CHTPBA 1,212,66

UY1225200 1-PYRROLIDINEETHANOL, alpha-(2,2-DIPHENYLETHYL)-, HYDROCHLORIDE
UPDT:8303 MW: 331.92 MOLFM: C20-H25-N-O Cl-H
SYN: alpha-(2,2-DIPHENYLETHYL)-1-PYRROLIDINEETHANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11C17F07 ivn-mus LD50:30 mg/kg CHTPBA 1,35,65

UY1225300 1-PYRROLIDINEETHANOL, alpha-(2,2-DIPHENYLVINYL)-, HYDROCHLORIDE
UPDT:8307 MW: 329.90 MOLFM: C20-H23-N-O Cl-H
SYN: alpha-(2,2-DIPHENYLVINYL)-1-PYRROLIDINEETHANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11C17F07 ivn-mus LD50:30 mg/kg CHTPBA 1,35,65

UY1225800 1-PYRROLIDINEETHANOL, alpha-PHENYL-, m-AMINOBENZOATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 346.89 MOLFM: C19-H22-N2-O2 Cl-H
SYN: BENZOIC ACID, m-AMINO-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE * alpha-PHENYL-1-PYRROLIDINEETHANOL m-AMINOBENZOATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:150 mg/kg JACSAT 81,203,59

UY1225850 1-PYRROLIDINEETHANOL, beta-PHENYL-, p-AMINOBENZOATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 346.89 MOLFM: C19-H22-N2-O2 Cl-H
SYN: BENZOIC ACID, p-AMINO-, beta-(1-PYRROLIDINYL)PHENETHYL ESTER HYDROCHLORIDE * beta-PHENYL-1-PYRROLIDINEETHANOL p-AMINOBENZOATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:250 mg/kg JACSAT 81,203,59

UY1225900 1-PYRROLIDINEETHANOL, alpha-PHENYL-, p-AMINOBENZOATE (ester), MONOHYDROCHLORIDE, HYDRATE
UPDT:8309 MW: 362.89 MOLFM: C19-H20-N2-O2 Cl-H H2-O
SYN: BENZOIC ACID, p-AMINO-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE, HYDRATE * alpha-PHENYL-1-PYRROLIDINEETHANOL p-AMINOBENZOATE (ester) MONOHYDROCHLORIDE HYDRATE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:50 mg/kg JACSAT 81,203,59

UY1226200 1-PYRROLIDINEETHANOL, alpha-PHENYL-, BENZOATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 331.87 MOLFM: C19-H21-N-O2 Cl-H
SYN: alpha-PHENYL-1-PYRROLIDINEETHANOL BENZOATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:1000 mg/kg JACSAT 81,203,59

UY1226300 1-PYRROLIDINEETHANOL, alpha-PHENYL-, p-BUTOXYBENZOATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 403.99 MOLFM: C23-H29-N-O3 Cl-H
SYN: BENZOIC ACID, p-BUTOXY-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE * alpha-PHENYL-1-PYRROLIDINEETHANOL p-BUTOXYBENZOATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:1000 mg/kg JACSAT 81,203,59

UY1226400 1-PYRROLIDINEETHANOL, alpha-PHENYL-, p-tert-BUTYLBENZOATE, HYDROCHLORIDE
UPDT:8309 MW: 387.99 MOLFM: C23-H29-N-O2 Cl-H
SYN: BENZOIC ACID, p-tert-BUTYL-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER HYDROCHLORIDE * alpha-PHENYL-1-PYRROLIDINEETHANOL p-tert-BUTYLBENZOATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:400 mg/kg JACSAT 81,203,59

UY1227000 1-PYRROLIDINEETHANOL, alpha-PHENYL-, o-CHLOROBENZOATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 329.85 MOLFM: C19-H20-Cl-N-O2
SYN: BENZOIC ACID, o-CHLORO-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE * alpha-PHENYL-1-PYRROLIDINEETHANOL o-CHLOROBENZOATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:200 mg/kg JACSAT 81,203,59

UY1227100 1-PYRROLIDINEETHANOL, alpha-PHENYL-, p-CHLOROBENZOATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 366.31 MOLFM: C19-H20-Cl-N-O2 Cl-H
SYN: BENZOIC ACID, p-CHLORO-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER HYDROCHLORIDE * alpha-PHENYL-1-PYRROLIDINEETHANOL p-CHLOROBENZOATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:750 mg/kg JACSAT 81,203,59

1-PYRROLIDINEETHANOL, beta-PHENYL-, CINNAMATE, HYDROCHLORIDE see: GE0540000

UY1227200 1-PYRROLIDINEETHANOL, alpha-PHENYL-, 3,4-DICHLOROBENZOATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 400.75 MOLFM: C19-H19-Cl2-N-O2 Cl-H
SYN: BENZOIC ACID, 3,4-DICHLORO-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE * alpha-PHENYL-1-PYRROLIDINEETHANOL 3,4-DICHLOROBENZOATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:1000 mg/kg JACSAT 81,203,59

UY1227300 1-PYRROLIDINEETHANOL, alpha-PHENYL-, o-ETHOXYBENZOATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 375.93 MOLFM: C21-H25-N-O3 Cl-H
SYN: BENZOIC ACID, o-ETHOXY-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE * alpha-PHENYL-1-PYRROLIDINEETHANOL o-ETHOXYBENZOATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:400 mg/kg JACSAT 81,203,59

UY1227400 1-PYRROLIDINEETHANOL, alpha-PHENYL-, p-ETHOXYBENZOATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 375.93 MOLFM: C21-H25-N-O3 Cl-H
SYN: BENZOIC ACID, p-ETHOXY-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER HYDROCHLORIDE * alpha-PHENYL-1-PYRROLIDINEETHANOL p-ETHOXYBENZOATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:1000 mg/kg JACSAT 81,203,59

UY1227500 1-PYRROLIDINEETHANOL, alpha-PHENYL-, o-METHOXYBENZOATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 361.90 MOLFM: C20-H23-N-O3 Cl-H
SYN: BENZOIC ACID, o-METHOXY-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE * alpha-PHENYL-1-PYRROLIDINEETHANOL o-METHOXYBENZOATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:500 mg/kg JACSAT 81,203,59

UY1227550 1-PYRROLIDINEETHANOL, alpha-PHENYL-, p-METHOXYBENZOATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 361.90 MOLFM: C20-H23-N-O3 Cl-H
SYN: BENZOIC ACID, p-METHOXY-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE * alpha-PHENYL-1-PYRROLIDINEETHANOL p-METHOXYBENZOATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLO:750 mg/kg JACSAT 81,203,59

UY1227600 1-PYRROLIDINEETHANOL, alpha-PHENYL-, m-NITROBENZOATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 376.87 MOLFM: C19-H20-N2-O4 Cl-H
SYN: BENZOIC ACID, m-NITRO-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE * alpha-PHENYL-1-PYRROLIDINEETHANOL m-NITROBENZOATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:200 mg/kg JACSAT 81,203,59

UY1227650 1-PYRROLIDINEETHANOL, alpha-PHENYL-, p-NITROBENZOATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 376.87 MOLFM: C19-H20-N2-O4 Cl-H
SYN: BENZOIC ACID, p-NITRO-, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER, HYDROCHLORIDE * alpha-PHENYL-1-PYRROLIDINEETHANOL p-NITROBENZOATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:250 mg/kg JACSAT 81,203,59

UY1227700 1-PYRROLIDINEETHANOL, beta-PHENYL-, p-NITROBENZOATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 376.87 MOLFM: C19-H20-N2-O4 Cl-H
SYN: BENZOIC ACID, p-NITRO-, beta-(1-PYRROLIDINYL)PHENETHYL ESTER HYDROCHLORIDE * beta-PHENYL-1-PYRROLIDINEETHANOL p-NITROBENZOATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:600 mg/kg JACSAT 81,203,59

1-PYRROLIDINEETHANOL, alpha-PHENYL-, o-NITROCINNAMATE, HYDROCHLORIDE see: GE0404000
1-PYRROLIDINEETHANOL, alpha-PHENYL-, 2-PHENOXYPROPIONATE see: UF6654000

UY1228200 1-PYRROLIDINEETHANOL, alpha-PHENYL-, p-TOLUATE (ester), HYDROCHLORIDE
UPDT:8310 MW: 345.90 MOLFM: C20-H23-N-O2 Cl-H
SYN: alpha-PHENYL-1-PYRROLIDINEETHANOL p-TOLUATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:1000 mg/kg JACSAT 81,203,59

UY1229000 1-PYRROLIDINEETHANOL, 2,2,5,5-TETRAMETHYL-alpha-((o-TOLYLOXY)METHYL)-, HYDROCHLORIDE, (-)-
UPDT:8310 CAS: 33697-73-3 MW: 327.94 MOLFM: C18-H29-N-O2 Cl-H
SYN: (-)-LOTUCAINE HYDROCHLORIDE * MY 33-7 * (-)-2,2,5,5-TETRAMETHYL-alpha-((o-TOLYLOXY)METHYL)-1-PYRROLIDINEETHANOL HYDROCHLORIDE * TOLCAINE HYDROCHLORIDE * (-)-1-(o-TOLOSSI-3-(2,2,5,5-TETRAMETIL-PIRROLIDIN-1-IL)-PROPAN-2-OLO CLORIDRATO (Italian)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:418 mg/kg BCFAAI 110,330,71
* scu-rat LD50:795 mg/kg BCFAAI 110,330,71
* ivn-rat LD50:32 mg/kg BCFAAI 110,330,71
* orl-mus LD50:355 mg/kg BCFAAI 110,330,71
* scu-mus LD50:729 mg/kg BCFAAI 110,330,71
* ivn-mus LD50:22 mg/kg BCFAAI 110,330,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1229500 PYRROLIDINE, 1-((4-ETHOXY(1,1'-BIPHENYL)-3-YL)METHYL)-
UPDT:8408 CAS: 66840-01-5 MW: 281.43 MOLFM: C19-H23-N-O
SYN: 1-((4-ETHOXY(1,1'-BIPHENYL)-3-YL)METHYL)PYRROLIDINE * 3-PYRROLIDINO-N-METHYL-4-ETHOXYBIPHENYL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:30 mg/kg IJMRAQ 67,392,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRROLIDINE, 3-ETHYL-3-(m-HYDROXYPHENYL)-1-METHYL- see: SL4400000

UY1257500 PYRROLIDINE, 1-(2-(p-(3-(m-FLUOROPHENYL)-2-PHENYL-1-PROPENYL)PHENOXY)ETHYL)-
UPDT:8302 MW: 401.56 MOLFM: C27-H28-F-N-O
SYN: 1-(2-(p-(3-(m-FLUOROPHENYL)-2-PHENYL-1-PROPENYL)PHENOXY)ETHYL)PYRROLIDINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:100 mg/kg (1-5D preg) IJEBA6 9,104,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRROLIDINE, 1-(6-FORMYL-2,3-DIMETHOXYBENZOYL)- see: YX5089900

UY1300000 PYRROLIDINE, HYDROCHLORIDE
UPDT:8408 CAS: 25150-61-2 MW: 107.60 MOLFM: C4-H9-N Cl-H
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:241 mg/kg RPOBAR 2,321,70

UY1302000 PYRROLIDINE, 1-(o-HYDROXYHYDROCINNAMOYL)-
UPDT:8408 CAS: 20862-56-0 MW: 219.31 MOLFM: C13-H17-N-O2
SYN: 1-(o-HYDROXYHYDROCINNAMOYL)PYRROLIDINE * beta-(o-HYDROXYPHENYL)PROPIONYL PYRROLIDIDE
TOXICITY DATA AND REFERENCES:
2F05F17 scu-mus LD50:767 mg/kg YKKZAJ 88,755,68

UY1329220 PYRROLIDINE, 1-(2-(p-(2-(m-METHOXYBENZYL)-1-METHYL-2-PHENYL-1-BUTENYL)PHENOXY)ETHYL)-
UPDT:8302 MW: 455.69 MOLFM: C31-H37-N-O2
SYN: 1-(2-(p-(2-(m-METHOXYBENZYL)-1-METHYL-2-PHENYL-1-BUTENYL)PHENOXY)ETHYL)PYRROLIDINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:25 mg/kg (1-5D preg) IJEBA6 9,104,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1329250 PYRROLIDINE, 1-((4-METHOXY(1,1'-BIPHENYL)-3-YL)METHYL)-
UPDT:8408 CAS: 66839-98-3 MW: 267.40 MOLFM: C18-H21-N-O
SYN: 1-((4-METHOXY(1,1'-BIPHENYL)-3-YL)METHYL)PYRROLIDINE * 3-PYRROLIDINO-N-METHYL-4-METHOXYBIPHENYL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:35 mg/kg (1-7D preg) IJMRAQ 67,392,78
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:28 mg/kg IJMRAQ 67,392,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1329280 PYRROLIDINE, 1-(2-(p-(7-METHOXY-2,2-DIMETHYL-3-PHENYL-4-CHROMANYL)PHENOXY)ETHYL)-, trans-
UPDT:8409 CAS: 31477-60-8 MW: 457.66 MOLFM: C30-H35-N-O3
SYN: CENTCHROMAN * COMPOUND 67/20 * trans-2,2-DIMETHYL-3-PHENYL-4-(p-(beta-PYRROLIDINOETHOXY)PHENYL)-7-METHOXYCHROMAN * 3,4-trans-2,2-DIMETHYL-3-PHENYL-4-(p-(beta-PYRROLIDINOETHOXY)PHENYL)-7-METHOXYCHROMAN * trans-1-(2-(p-(7-METHOXY-2,2-DIMETHYL-3-PHENYL-4-CHROMANYL)PHENOXY)ETHYL)PYRROLIDINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 orl-man TDLo:6 mg/kg (14D male) IJEBA6 15,1177,77
1T22 orl-rat TDLo:1250 ug/kg (4D preg) IJEBA6 9,103,71
3T22T24T26 orl-rat TDLo:500 ug/kg (1-5D preg) IJEBA6 15,1144,77
1T13 orl-rat TDLo:250 ug/kg (1D pre) IJEBA6 15,1144,77
1T35 orl-rat TDLo:1250 ug/kg (8D preg) IJEBA6 15,1144,77
1T13 ipr-rat TDLo:1250 ug/kg (5D pre) IJEBA6 12,133,74
1T13 scu-rat TDLo:250 ug/kg (1D pre) IJEBA6 15,1144,77
2T12T13 scu-rat TDLo:1500 ug/kg (5D pre) IJEBA6 18,206,80
2T02T03 scu-rat TDLo:90 mg/kg (30D male) IJEBA6 15,1167,77

1T24	ivg-rat TDLo:500 ug/kg (1D preg)	IJEBA6 12,370,74
1T22	orl-mus TDLo:1250 ug/kg (2D preg)	IJEBA6 9,103,71
2T22T24	orl-mus TDLo:1250 ug/kg (1D preg)	BIREBV 25,171,81
2T24T25	orl-mus TDLo:1 mg/kg (1D preg)	IJEBA6 15,1151,77
1T29	orl-mus TDLo:1250 ug/kg (1D preg)	IJEBA6 15,1144,77
1T22	orl-dog TDLo:2500 ug/kg (2D preg)	IJEBA6 9,103,71
1T29	orl-dog TDLo:2500 ug/kg (2D preg)	IJEBA6 15,1144,77
1T22	orl-mky TDLo:2500 ug/kg (2D preg)	IJEBA6 9,103,71
2T13T19	orl-mky TDLo:13750 ug/kg (22D pre)	CCPTAY 11,309,75
1T29	orl-mky TDLo:2500 ug/kg (2D preg)	IJEBA6 15,1144,77
1T13	orl-mky TDLo:6250 ug/kg (5D pre)	IJEBA6 15,1144,77

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1329350 PYRROLIDINE, 1-(2-(p-(6-METHOXY-2-PHENYL-3-BENZOFURANYL)PHENOXY)ETHYL)-, HYDROCHLORIDE

UPDT:8408 CAS: 3333-85-5 MW: 450.01 MOLFM: C27-H27-N-O3 .Cl-H

SYN: 1-(2-(p-(6-METHOXY-2-PHENYLBENZOFURAN-3-YL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE * 1-(2-(p-(6-METHOXY-2-PHENYL-3-BENZOFURANYL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE * 6-METHOXY-3-(p-(2-(N-PYRROLIDYL)ETHOXY)PHENYL)-2-PHENYLBENZO(b)FURAN HYDROCHLORIDE * 2-PHENYL-3-p-(beta-PYRROLIDINOETHOXY)PHENYL-6-METHOXY-BENZOFURAN HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:20 mg/kg (1-5D preg)	JMCMAR 13,54,70
1T13	orl-rat TDLo:10 mg/kg (5D pre)	IJEBA6 8,139,70
1T13	ipr-rat TDLo:20 mg/kg (5D pre)	IJEBA6 12,133,74
1T22	orl-mus TDLo:90 mg/kg (4D pre/1-5D preg)	JMCMAR 14,1185,71
1T13	orl-mus TDLo:12 mg/kg (3D pre)	JMCMAR 14,1185,71
1T19	orl-mky TDLo:44 mg/kg (22D pre)	CCPTAY 11,317,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1329370 PYRROLIDINE, 1-(3-(p-(6-METHOXY-2-PHENYL-3-BENZOFURANYL)PHENOXY)PROPYL)-, HYDROCHLORIDE

UPDT:8403 CAS: 25433-68-5 MW: 464.04 MOLFM: C28-H29-N-O3 .Cl-H

SYN: 1-(3-(p-(6-METHOXY-2-PHENYL-3-BENZOFURANYL)PHENOXY)PROPYL)PYRROLIDINE HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:100 mg/kg (1-5D preg)	JMCMAR 13,54,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1329390 PYRROLIDINE, 1-(2-(4-(7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)ETHYL)-

UPDT:8403 MW: 427.58 MOLFM: C28-H29-N-O3

SYN: 1-(2-(4-(7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)ETHYL)PYRROLIDINE * 3-PHENYL-4-(p-(beta-PYRROLIDINOETHOXY)PHENYL)-7-METHOXYCHROMENE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-rat TDLo:750 ug/kg (1-5D preg)	JMCMAR 19,276,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1329400 PYRROLIDINE, 1-(1-(p-METHOXYPHENYL)BUTYL)-, HYDROCHLORIDE

UPDT:8312 CAS: 74332-80-2 MW: 269.85 MOLFM: C15-H23-N-O Cl-H

SYN: H 216 * 1-(1-(p-METHOXYPHENYL)BUTYL)PYRROLIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

	scu-mus LD50:52 mg/kg	ARZNAD 14,178,64

UY1329410 PYRROLIDINE, 1-(2-(4-(6-METHOXY-2-PHENYLBENZO(b)THIEN-3-YL)PHENOXY)ETHYL)-, HYDROCHLORIDE

UPDT:8403 CAS: 34289-01-5 MW: 466.07 MOLFM: C27-H27-N-O2-S .Cl-H

SYN: 1-(2-(4-(6-METHOXY-2-PHENYLBENZO(b)THIEN-3-YL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE * 6-METHOXY-3-(p-(2-(1-PYRROLIDYL)ETHOXY)PHENYL)-2-PHENYLBENZO(b)THIOPHENE HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-rat TDLo:900 ug/kg (4D pre/1-5D preg)	JMCMAR 14,1185,71
1T13	orl-rat TDLo:150 ug/kg (3D pre)	JMCMAR 14,1185,71
1T03	orl-rat TDLo:35 mg/kg (7D male)	JMCMAR 14,1185,71
1T22	orl-mus TDLo:900 ug/kg (4D pre/1-5D preg)	JMCMAR 14,1185,71
1T13	orl-mus TDLo:120 ug/kg (3D pre)	JMCMAR 14,1185,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1329430 PYRROLIDINE, 1-(2-(4-(7-METHOXY-3-PHENYL-1H-2-BENZOTHIOPYRAN-4-YL)PHENOXY)ETHYL)-, HYDROCHLORIDE

UPDT:8403 CAS: 36266-82-7 MW: 480.10 MOLFM: C28-H29-N-O2-S .Cl-H

SYN: 1-(2-(4-(7-METHOXY-3-PHENYL-1H-2-BENZOTHIOPYRAN-4-YL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-mus TDLo:90 mg/kg (4D pre/1-5D preg)	JMCMAR 14,1185,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1329550 PYRROLIDINE, 1-(2-(p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)ETHYL)-, HYDROCHLORIDE

UPDT:8302 MW: 462.07 MOLFM: C29-H31-N-O2 Cl-H

SYN: 1-(2-(p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-rut TDLo:175 ug/kg (7D pre)	JMCMAR 10,78,67
1T13	orl-rat TDLo:250 ug/kg (10D pre)	JMCMAR 10,78,67
1T24	orl-rat TDLo:175 ug/kg (1D pre/1-6D preg)	CHINAG (10),408,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1330000 PYRROLIDINE, 3-(m-METHOXYPHENYL)-1-METHYL-3-PROPYL-

UPDT:8310 CAS: 29369-01-5 MW: 233.39 MOLFM: C15-H23-N-O

SYN: 3-(m-METHOXYPHENYL)-1-METHYL-3-PROPYLPYRROLIDINE * 3-(3-METHOXYPHENYL)-1-METHYL-3-PROPYLPYRROLIDINE

TOXICITY DATA AND REFERENCES:

	ipr-rat LDLo:67 mg/kg	JMCMAR 15,930,72

UY1343000 PYRROLIDINE, 1-(2-(p-(7-METHOXY-2-PHENYLNAPHTHO(2,1-b)FURAN-1-YL)PHENOXY)ETHYL)-, HYDROCHLORIDE

UPDT:8403 CAS: 25433-87-8 MW: 500.07 MOLFM: C31-H29-N-O3 .Cl-H

SYN: 1-(2-(p-(7-METHOXY-2-PHENYLNAPHTHO(2,1-b)FURAN-1-YL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:10 mg/kg (1-5D preg)	JMCMAR 13,54,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1348500 PYRROLIDINE, 1-(2-(4-(1-(4-METHOXYPHENYL)-2-NITRO-2-PHENYLETHENYL)PHENOXY)ETHYL)- 2-HYDROXY-1,2,3-PROPANETRICARBOXYLATE (1:1)

UPDT:8407 CAS: 5863-35-4 MW: 636.71 MOLFM: C27-H28-N2-O4 .C6-H8-O7

SYN: CI-628 * CI-628 CITRATE * CN-55945-27 * 1-(2-(p-(alpha-(p-METHOXYPHENYL)-beta-NITROSTYRYL)PHENOXY)ETHYL)PYRROLIDINE CITRATE (1:1) * 1-(2-(p-(alpha-(p-METHOXYPHENYL)-beta-NITROSTYRYL)PHENOXY)ETHYL) PYRROLIDINE MONOCITRATE * NITROMIFENE CITRATE * PARKE DAVIS CI-628

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-rat TDLo:175 ug/kg (1-7D preg)	ENDOAO 79,153,66
1T14	orl-rat TDLo:500 ug/kg (20D pre)	ENDOAO 79,153,66
1T13	orl-rat TDLo:70 ug/kg (7D pre)	CCPTAY 3,347,71
1T24	orl-rat TDLo:200 ug/kg (1-8D preg)	NATUAS 211,538,66
1T25	orl-rat TDLo:25 mg/kg (5D preg)	CCPTAY 14,487,76
1T24	orl-mus TDLo:500 ug/kg (3D preg)	NATUAS 211,538,66
1T22	orl-mus TDLo:700 ug/kg (14D pre)	NATUAS 211,538,66
2T43T46	orl-dog TDLo:1875 ug/kg (1-15D preg)	TJADAB 7,199,73
3T53T42T45	orl-dog TDLo:3750 ug/kg (1-15D preg)	TJADAB 7,199,73
2T75T51	orl-dog TDLo:3750 ug/kg (1-15D preg)	TJADAB 7,199,73
1T22	orl-dog TDLo:3750 ug/kg (15D pre)	NATUAS 211,538,66
1T13	orl-ham TDLo:7 mg/kg (7D pre)	CCPTAY 3,347,71
1T24	iut-ham TDLo:20800 ng/kg (3D preg)	JRPFA4 62,437,81

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1778 mg/kg	NATUAS 211,538,66
*	orl-mus LD50:832 mg/kg	NATUAS 211,538,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1350000 PYRROLIDINE, 1-(2-(p-(alpha-(p-METHOXYPHENYL)-beta-NITROSTYRYL)PHENOXY)ETHYL)-

UPDT:8403 CAS: 10448-84-7 MW: 444.57 MOLFM: C27-H28-N2-O4

SYN: 1-(2-(p-(alpha-(p-METHOXYPHENYL)-beta-NITROSTYRYL)PHENOXY)ETHYL)PYRROLIDINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-mus TDLo:6 mg/kg (1-3D preg)	JMCMAR 14,952,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1382000 PYRROLIDINE, 1-(2-((1-(p-METHOXYPHENYL)-2-PHENYLNAPHTHO(2,1-b)FURAN-8-YL)OXY)ETHYL)-, HYDROCHLORIDE

UPDT:8403 CAS: 25439-33-2 MW: 500.07 MOLFM: C31-H29-N-O3 Cl-H

SYN: 1-(2-((1-(p-METHOXYPHENYL)-2-PHENYLNAPHTHO(2,1-b)FURAN-8-YL)OXY)ETHYL)PYRROLIDINE HCl

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-rat TDLo:20 mg/kg (1-5D preg)	JMCMAR 13,54,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1385000 PYRROLIDINE, 1-(2-(p-(3-(m-METHOXYPHENYL)-2-PHENYL-1-PENTENYL)PHENOXY)ETHYL)-

UPDT:8302 MW: 441.66 MOLFM: C30-H35-N-O2

SYN: 1-(2-(p-(3-(m-METHOXYPHENYL)-2-PHENYL-1-PENTENYL)PHENOXY)ETHYL)PYRROLIDINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:25 mg/kg (1-5D preg)	IJEBA6 9,104,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1387000 PYRROLIDINE, 1-(2-(p-(3-(m-METHOXYPHENYL)-2-PHENYL-1-PROPENYL)PHENOXY)ETHYL)-

UPDT:8302 MW: 413.60 MOLFM: C28-H31-N-O2

SYN: 1-(2-(p-(3-(m-METHOXYPHENYL)-2-PHENYL-1-PROPENYL)PHENOXY)ETHYL)PYRROLIDINE * 3-m-METHOXYPHENYL-2-PHENYL-1-(p-beta-PYRROLIDINOETHOXY)PHENYLPROPENE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:150 ug/kg (1-5D preg)	IJEBA6 9,104,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1388000 PYRROLIDINE, 1-(2-(p-(3-(p-METHOXYPHENYL)-2-PHENYL-1-PROPENYL)PHENOXY)ETHYL)-

UPDT:8302 MW: 413.60 MOLFM: C28-H31-N-O2

SYN: 1-(2-(p-(3-(p-METHOXYPHENYL)-2-PHENYL-1-PROPENYL)PHENOXY)ETHYL)PYRROLIDINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:100 mg/kg (1-5D preg)	IJEBA6 9,104,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1422040 PYRROLIDINE, 1-(3,4-(METHYLENEDIOXY)BENZOYL)-

UPDT:8405 MW: 219.26 MOLFM: C12-H13-N-O3

SYN: 1-(3,4-(METHYLENEDIOXY)BENZOYL)PYRROLIDINE * PIPERONYLIC ACID AMIDE of PYRROLIDINYL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:350 mg/kg (1-7D preg)	IJSIDW 40,113,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1430000 PYRROLIDINE, 1-(3-METHYL-4-MORPHOLINO-2,2-DIPHENYLBUTYRYL)-, (+)-, TARTRATE (1:1)

UPDT:8303 CAS: 2922-44-3 MW: 542.69 MOLFM: C25-H32-N2-O2 .C4-H6-O6

SYN: DEXTROMORAMIDE BITARTRATE * DEXTROMORAMIDE TARTRATE * DIMORLIN TARTRATE * JETRIUM TARTRATE * d-3-METHYL-2,2-DIPHENYL-4-MORPHOLINOBUTYRYLPYRROLIDINE TARTRATE * (+)-1-(3-METHYL-4-MORPHOLINO-2,2-DIPHENYLBUTYRYL)PYRROLIDINE TARTRATE * D-MORAMIDE TARTRATE * PALFIUM * PALPHIUM TARTRATE * PYRROLAMIDOL TARTRATE * R-875 TARTRATE * SKF 5137 TARTRATE

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:150 mg/kg	AIPTAK 135,462,62

PYRROLIDINE, 2-METHYL-1-(1-OXO-2,2-DIPHENYLBUTYL)- (9CI) see: UY1036000

PYRROLIDINE, 1-METHYL-2-(3-PYRIDAL)- see: QS5250000

PYRROLIDINE, 1-METHYL-2-(3-PYRIDYL)-, SULFATE see: QS9625000

UY1570000 PYRROLIDINE, NITROSO-

UPDT:8406 CAS: 35884-45-8 MW: 100.14 MOLFM: C4-H8-N2-O

SYN: NITROSOPYRROLIDINE

MUTATION DATA AND REFERENCES:

	msc-mus:lym 1 gm/L	MUREAV 125,291,84

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

UY1575000 PYRROLIDINE, 1-NITROSO-

UPDT:8412 CAS: 930-55-2 MW: 100.14 MOLFM: C4-H8-N2-O

SYN: N-NITROSOPYRROLIDIN (German) * N-NITROSOPYRROLIDINE * 1-NITROSOPYRROLIDINE * NO-Pyr * N-N-PYR * NPYR * PYRROLE, TETRAHYDRO-N-NITROSO- * RCRA WASTE NUMBER U180

MUTATION DATA AND REFERENCES:

	mma-sat 100 ug/plate	MUREAV 67,21,79
	mma-esc 7500 umol/L	IAPUDO 41,543,82
	mrc-esc 400 ug/well	MUREAV 46,53,77
	dnr-bcs 1500 ug/disc	YKKZAJ 97,320,77
	dnd-hmn:lng 100 umol/plate	JNCIAM 59,1401,77
	otr-rat:lvr 10 mmol/L	CNREA8 43,5087,83
	dnd-rat-orl 1800 umol/kg	CRNGDP 2,425,81
	dns-rat:lvr 500 umol/L	ENMUDM 3,11,81
	msc-rat:lvr 100 umol/L	MUREAV 130,53,84
	dns-mus:lvr 1 mmol/L	ENMUDM 5,1,83
	mma-ham:lng 10 mmol/L	CNREA8 37,1044,77
	dns-ham:lvr 100 umol/L	ENMUDM 5,1,83

TUMORIGENIC DATA AND REFERENCES:

2V01L60	orl-rat TDLo:685 mg/kg/98W-C	ZKKOBW 90,161,77
3V02J60L60	orl-mus TDLo:3235 mg/kg/92W-C	85DUA4 -,129,70
3V02J60L60	scu-mus TDLo:396 mg/kg/72W-I	85DUA4 -,129,70
2V01L60	orl-ham TDLo:465 mg/kg/52W-C	JCROD7 104,75,82
3V01D09J60	ipr-ham TDLo:1602 mg/kg/25W-I	CNREA8 41,2849,81
3V01D09J60	unk-ham TDLo:1602 mg/kg/25W-I	IAPUDO 41,635,82
3V02D09J60	ipr-ham TD :798 mg/kg/25W-I	CNREA8 41,2849,81

2V03L60 orl-rat TD :1350 mg/kg/30W-C PAACA3 25,126,84
2V01L60 orl-ham TD :704 mg/kg/39W-C JCROD7 104,75,82
3V01L60V08 orl-rat TD :792 mg/kg/2Y-I IJCNAW 26,47,80
2V01L60 orl-rat TD :2250 mg/kg/50W-I CALEDQ 12,99,81
2V01L60 orl-rat TD :4440 mg/kg/63W-C ZKKOBW 90,161,77
2V01L60 orl-rat TD :1599 mg/kg/76W-C ZKKOBW 90,161,77
2V01L60 orl-rat TD :4380 mg/kg/52W-C YKKZAJ 97,320,77
2V01L60 orl-ham TD :1049 mg/kg/64W-C JCROD7 104,75,82
2V01L60 orl-rat TD :4033 mg/kg/62W-C IARCCD 14,429,76

TOXICITY DATA AND REFERENCES:
orl-rat LD50:900 mg/kg ZEKBAI 69,103,67
orl-mus LD50:125 mg/kg 85DUA4 -,129,70
scu-mus LD50:125 mg/kg 85DUA4 -,129,70
* orl-ham LD50:1023 mg/kg JCROD7 104,75,82

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 17,313,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 17,313,78

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRROLIDINE, 1-(2-PHENOTHIAZIN-10-YLETHYL)- see: SP4725000

UY1780300 PYRROLIDINE, 1-(p-(PHENYLAZO)PHENYL)-
UPDT:8312 CAS: 10282-34-5 MW: 251.36 MOLFM: C16-H17-N3
SYN: 1-(p-(PHENYLAZO)PHENYL)PYRROLIDINE * PYRROLIDINE, 1-(4-(PHENYLAZO)PHENYL)- (9CI) * 4-N-PYRROLIDINYLAZOBENZENE

MUTATION DATA AND REFERENCES:
mma-sat 10 ug/plate CRNGDP 3,559,82

PYRROLIDINE, 1-(4-(PHENYLAZO)PHENYL)- (9CI) see: UY1780300

UY1780400 PYRROLIDINE, 1-(2-(p-(2-PHENYL-3-BENZOFURANYL)PHENOXY)ETHYL)-, HYDROCHLORIDE
UPDT:8405 CAS: 25433-79-8 MW: 419.98 MOLFM: C26-H25-N-O2 .Cl-H
SYN: 1-(2-(p-(2-PHENYL-3-BENZOFURANYL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:100 mg/kg (1-5D preg) JMCMAR 13,54,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRROLIDINE, 1-(1-(PHENYLMETHYL)BUTYL)-, HYDROCHLORIDE see: UY2450000

UY1781700 PYRROLIDINE, 1-(2-(p-(2-PHENYLNAPHTHO(2,1-b)FURAN-1-YL)PHENOXY)ETHYL)-
UPDT:8402 CAS: 24365-61-5 MW: 433.58 MOLFM: C30-H27-N-O2
SYN: 1-(2-(p-(2-PHENYLNAPHTHO(2,1-b)FURAN-1-YL)PHENOXY)ETHYL)PYRROLIDINE * 2-PHENYL-1-p-(beta-PYRROLIDINOETHOXY)PHENYLNAPHTHO(2,1-b)FURAN * PYRROLIDINE, 1-(2-(4-(2-PHENYLNAPHTHO(2,1-b)FURAN-1-YL)PHENOXY)ETHYL)- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:2 mg/kg (3D preg) CCPTAY 5,473,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRROLIDINE, 1-(2-(4-(2-PHENYLNAPHTHO(2,1-b)FURAN-1-YL)PHENOXY)ETHYL)- (9CI) see: UY1781700

UY1781900 PYRROLIDINE, 1-(2-(p-(2-PHENYLNAPHTHO(1,2-b)FURAN-1-YL)PHENOXY)ETHYL)-, HYDROCHLORIDE
UPDT:8405 CAS: 25439-42-3 MW: 470.04 MOLFM: C30-H27-N-O2 .Cl-H
SYN: 1-(2-(p-(2-PHENYLNAPHTHO(1,2-b)FURAN-1-YL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:100 mg/kg (1-5D preg) JMCMAR 13,54,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1781920 PYRROLIDINE, 1-(2-(p-(2-PHENYLNAPHTHO(2,1-b)FURAN-1-YL)PHENOXY)ETHYL)-, HYDROCHLORIDE
UPDT:8405 CAS: 29166-48-1 MW: 470.04 MOLFM: C30-H27-N-O2 .Cl-H
SYN: 1-(2-(p-(2-PHENYLNAPHTHO(2,1-b)FURAN-1-YL)PHENOXY)ETHYL)PYRROLIDINE HYDROCHLORIDE * 1-(p-beta-PYRROLIDINOETHOXYPHENYL)-2-PHENYLNAPHTHO(2,1-b)FURAN HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:5 mg/kg (3D preg) JMCMAR 13,54,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1790000 PYRROLIDINE, 1-(2-(p-(2-PHENYL-6-(2-(1-PYRROLIDINYL)ETHOXY)BENZO(b)THIEN-3-YL)PHENOXY) ETHYL)-, DIHYDROCHLORIDE
UPDT:8403 MW: 585.68 MOLFM: C32-H36-N2-O2-S .2Cl-H

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-mus TDLo:450 mg/kg (4D pre/1-5D preg) JMCMAR 14,1185,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY1925000 1-PYRROLIDINEPROPANOL, alpha-CYCLOHEXYL-alpha-PHENYL-
UPDT:8302 CAS: 77-37-2 MW: 287.49 MOLFM: C19-H29-N-O
SYN: 1-CYCLOHEXYL-1-PHENYL-3-PYRROLIDINO-1-PROPANOL * 1-CYCLOHEXYL-1-PHENYL-3-(1-PYRROLIDINYL)-1-PROPANOL * ELORINE * KEMADRINE * LERGINE * METANIN * OSNERVAN * PROCIDLIDINA * PROCYCLIDINE * PROCYKLIDIN * PROSYKLIDIN * SPAMOL * TRICICLIDINA * TRICILOID * TRICOLOID * TRICYCLAMOL * VAGOSIN

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:131 mg/kg 27ZQAG -,291,72
ivn-mus LD50:60 mg/kg 27ZQAG -,291,72

UY1926000 1-PYRROLIDINEPROPANOL, alpha-CYCLOHEXYL-alpha-PHENYL-, MONOHYDROCHLORIDE
UPDT:8305 CAS: 1508-76-5 MW: 323.95 MOLFM: C19-H29-N-O .Cl-H
SYN: alpha-CYCLOHEXYL-alpha-PHENYL-1-PYRROLIDINEPROPANOL HYDROCHLORIDE * KEMADRIN * KEMADRIN HYDROCHLORIDE * PROCYCLIDINE HYDROCHLORIDE * TRICYCLAMOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:55 mg/kg AIPTAK 103,100,55

UY2266000 1-PYRROLIDINEPROPANOL, alpha-PHENYL-, CARBANILATE, HYDROCHLORIDE
UPDT:8406 MW: 360.92 MOLFM: C20-H24-N2-O2 .Cl-H
SYN: alpha-PHENYL-1-PYRROLIDINEPROPANOL CARBANILATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:270 mg/kg JAPMA8 44,766,55
* ivn-mus LD50:27 mg/kg JAPMA8 44,766,55

UY2450000 PYRROLIDINE, 1-(alpha-PROPYLPHENETHYL)-, HYDROCHLORIDE
UPDT:8411 CAS: 1211-28-5 MW: 253.85 MOLFM: C15-H23-N .Cl-H
SYN: 1-(1-BENZYLBUTYL)PYRROLIDINE HYDROCHLORIDE * CATOVITAN * KATOVIT * KATOVIT HYDROCHLORIDE * PYRROLIDINE, 1-(1-(PHENYLMETHYL)BUTYL)-, HYDROCHLORIDE * PROMOTIL * PHENYL-2-PYRROLIDINOPENTANE HYDROCHLORIDE * 1-PHENYL-2-N-PYRROLIDINOPENTANE HYDROCHLORIDE * PROLINTANE HYDROCHLORIDE * 1-(alpha-PROPYLPHENETHYL)PYRROLIDINE HYDROCHLORIDE * VILESCON * VILLESCON

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:278 mg/kg OYYAA2 9,601,75
* ipr-rat LD50:78 mg/kg OYYAA2 9,601,75
* scu-rat LD50:142 mg/kg OYYAA2 9,601,75
* ivn-rat LD50:40 mg/kg OYYAA2 9,601,75
* orl-mus LD50:230 mg/kg OYYAA2 9,601,75
* ipr-mus LD50:66 mg/kg OYYAA2 9,601,75
scu-mus LD50:99 mg/kg ARZNAD 7,344,57
* ivn-mus LD50:25 mg/kg OYYAA2 9,601,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY2552000 PYRROLIDINE, 1-(2-(p-(4-TETRAHYDRO-2,4-DIPHENYL-3-FURYL)PHENOXY)ETHYL)-, OXALATE, (2-alpha,3-beta,4-beta)-
UPDT:8405 CAS: 54282-47-2 MW: 503.64 MOLFM: C28-H31-N-O2 .C2-H2-O4
SYN: 2,3-trans-3,4-cis-2,4-DIPHENYL-3-p-(beta-PYRROLIDINOETHOXY)PHENYLTETRAHYDROFURAN OXALATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:250 mg/kg (1-5D preg) IJOCAP 12,336,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY2605000 PYRROLIDINE, 1-(2-(p-(6,7,8,9-TETRAHYDRO-2-PHENYL-5H-CYCLOPENTA(f)BENZOFURAN-3-YL)PHENOXY) ETHYL)-, HYDROCHLORIDE
UPDT:8403 CAS: 29325-83-5 MW: 488.11 MOLFM: C31-H33-N-O2 .Cl-H

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:50 mg/kg (1-5D preg) JMCMAR 13,54,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY2606000 PYRROLIDINE, 1-(2-(p-(5,6,7,8-TETRAHYDRO-2-PHENYLNAPHTHO(2,3-b)FURAN-3-YL)PHENOXY)ETHYL)-, HYDROCHLORIDE
UPDT:8403 CAS: 25439-49-0 MW: 474.08 MOLFM: C30-H31-N-O2 .Cl-H
SYN: 2-PHENYL-3-(p-(beta-PYRROLIDINOETHOXY)PHENYL)-5,6-TETRAMETHYLENEBENZOFURAN HYDROCHLORIDE * 1-(2-(p-(5,6,7,8-TETRAHYDRO-2-PHENYLNAPHTHO(2,3-b)FURAN-3-YL)PHENOXY)ETHYL)PYRROLIDINE HCl

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:2 mg/kg (4D preg) JMCMAR 13,54,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY2633000 1-PYRROLIDINEVALERIC ACID, gamma-BENZAMIDO-delta-OXO-, DL-
UPDT:8411 CAS: 6507-92-2 MW: 304.38 MOLFM: C16-H20-N2-O4

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:4 gm/kg MIMEAO 58,3653,67

UY2634000 PYRROLIDINE, 1-(1-VINYLCYCLOHEXYL)-
UPDT:8307 CAS: 14228-29-6 MW: 179.34 MOLFM: C12-H21-N
SYN: (VINYL-1 CYCLOHEXYLE)-N PYRROLIDINE (French) * 1-(1-VINYLCYCLOHEXYL)PYRROLIDINE

TOXICITY DATA AND REFERENCES:
1F24 ipr-mus LD50:25 mg/kg CHTPBA 1,284,66

UY2647000 PYRROLIDINIUM, 1-(1-ALLYLCYCLOHEXYL)-1-METHYL-, IODIDE
UPDT:8305 MW: 335.31 MOLFM: C14-H26-N .I
SYN: 1-(1-ALLYLCYCLOHEXYL)-1-METHYLPYRROLIDINIUM IODIDE * IODURE du (ALLYL-1 CYCLOHEXYLE)-N PYRROLIDINE (French)

TOXICITY DATA AND REFERENCES:
1F24 ipr-mus LD50:16 mg/kg CHTPBA 1,284,66

UY3620000 PYRROLIDINIUM, 1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-ETHYL-, BROMIDE
UPDT:8305 MW: 417.44 MOLFM: C22-H29-N2-O .Br
SYN: 1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-ETHYLPYRROLIDINIUM BROMIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:20 mg/kg AIPTAK 103,100,55

UY3621000 PYRROLIDINIUM, 1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-ISOPROPYL-, BROMIDE
UPDT:8305 MW: 431.47 MOLFM: C23-H31-N2-O .Br
SYN: 1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-ISOPROPYLPYRROLIDINIUM BROMIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32485 ug/kg AIPTAK 103,100,55

UY3623000 PYRROLIDINIUM, 1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-METHYL-, IODIDE
UPDT:8305 MW: 450.40 MOLFM: C21-H27-N2-O .I
SYN: 1-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-1-METHYLPYRROLIDINIUM IODIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:17 mg/kg AIPTAK 103,100,55

UY3673000 PYRROLIDINIUM, 1-(2-CARBOXYETHYL)-1-METHYL-, IODIDE, ESTER with BUTYLETHYL(2-HYDROXYETHYL) METHYLAMMONIUM IODIDE
UPDT:8305 MW: 554.35 MOLFM: C17-H36-N2-O2 .2I

TOXICITY DATA AND REFERENCES:
1H02 ivn-mus LDLo:25 mg/kg AIPTAK 118,210,59

UY3673100 PYRROLIDINIUM, 1-(2-CARBOXYETHYL)-1-METHYL-, IODIDE, ESTER with CHOLINE IODIDE
UPDT:8305 MW: 498.23 MOLFM: C13-H28-N2-O2 .2I
SYN: 1-(2-CARBOXYETHYL)-1-METHYLPYRROLIDINIUM IODIDE ESTER with CHOLINE IODIDE

TOXICITY DATA AND REFERENCES:
2E08H02 ivn-mus LDLo:75 mg/kg AIPTAK 118,210,59

UY3673300 PYRROLIDINIUM, 1-(2-CARBOXYETHYL)-1-METHYL-, IODIDE, ESTER with 1-(2-HYDROXYETHYL)-1-METHYL PYRROLIDINIUM IODIDE
UPDT:8305 MW: 524.27 MOLFM: C15-H30-N2-O2 .2I

TOXICITY DATA AND REFERENCES:
2E08H02 ivn-mus LDLo:50 mg/kg AIPTAK 118,210,59

UY3673350 PYRROLIDINIUM, 1-(2-CARBOXYETHYL)-1-METHYL-, IODIDE, ESTER with 1-(2-HYDROXY-2- METHYLPROPYL)-1-METHYLPYRROLIDINIUM IODIDE
UPDT:8305 MW: 552.33 MOLFM: C17-H34-N2-O2 .2I

TOXICITY DATA AND REFERENCES:
1H02 ivn-mus LDLo:50 mg/kg AIPTAK 118,210,59

UY3673400 PYRROLIDINIUM, 1-(2-CARBOXYETHYL)-1-METHYL-, IODIDE, ESTER with 1-(2-HYDROXYPROPYL)-1-METHYL PYRROLIDINIUM IODIDE
UPDT:8305 MW: 538.30 MOLFM: C16-H32-N2-O2 .2I

TOXICITY DATA AND REFERENCES:
1H02 ivn-mus LDLO:50 mg/kg AIPTAK 118,210,59

UY3900000 PYRROLIDINIUM, 1-(CARBOXYMETHYL)-1-(beta-HYDROXYPHENETHYL)-, BROMIDE, ETHYL ESTER, BENZOATE (ester)
UPDT:8309 MW: 462.43 MOLFM: C23-H28-N-O4 .Br

TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:150 mg/kg JACSAT 81,203,59

UY3910000 PYRROLIDINIUM, 1-(CARBOXYMETHYL)-1-(beta-HYDROXYPHENETHYL)-, BROMIDE, ETHYL ESTER, p-BROMOBENZOATE (ester)
UPDT:8309 MW: 461.42 MOLFM: C23-H27-Br-N-O4

TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:250 mg/kg JACSAT 81,203,59

UY3920000 PYRROLIDINIUM, 1-(CARBOXYMETHYL)-1-(beta-HYDROXYPHENETHYL)-, BROMIDE, ETHYL ESTER, o-CHLOROBENZOATE (ester)
UPDT:8309 MW: 496.87 MOLFM: C23-H27-Cl-N-O4 .Br

TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:75 mg/kg JACSAT 81,203,59

UY3930000 PYRROLIDINIUM, 1-(CARBOXYMETHYL)-1-(beta-HYDROXYPHENETHYL)-, BROMIDE, ETHYL ESTER, o-ETHOXYBENZOATE (ester)
UPDT:8309 MW: 506.49 MOLFM: C25-H32-N-O5 .Br

TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:200 mg/kg JACSAT 81,203,59

UY3940000 PYRROLIDINIUM, 1-(CARBOXYMETHYL)-1-(beta-HYDROXYPHENETHYL)-, BROMIDE, ETHYL ESTER, PHENOXYACETATE (ester)
UPDT:8309 MW: 492.46 MOLFM: C24-H30-N-O5 Br
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:1000 mg/kg JACSAT 81,203,59

UY4280000 PYRROLIDINIUM, 1-(3-CYCLOHEXYL-3-HYDROXY-3-PHENYLPROPYL)-1-METHYL-, CHLORIDE
UPDT:8405 CAS: 3818-88-0 MW: 337.98 MOLFM: C20-H32-N-O Cl
SYN: COMPOUND 14045 METHOCHLORIDE * (+-)-N-((3-CYCLOHEXYL-3-HYDROXY-3-PHENYL)PROPYL)-N-METHYLPYRROLIDINIUM CHLORIDE * 1-(3-CYCLOHEXYL-3-HYDROXY-3-PHENYLPROPYL)-1-METHYL-PYRROLIDINIUM CHLORIDE * 1-CYCLOHEXYL-1-PHENYL-3-PYRROLIDINO-1-PROPANOL METHYL CHLORIDE * ELORINE CHLORIDE * LERGINE CHLORIDE * TRICOLOID CHLORIDE * TRICYCLAMOL CHLORIDE * TRICYCLAMOL METHOCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:984 mg/kg 29ZVAB -,119,69
2C08J30 orl-mus LD50:395 mg/kg JAPMA8 43,408,54
2C08J30 ivn-mus LD50:11700 ug/kg JAPMA8 43,408,54

UY4281000 PYRROLIDINIUM, 1-(3-CYCLOHEXYL-3-HYDROXY-3-PHENYLPROPYL)-1-METHYL-, IODIDE
UPDT:8405 MW: 429.43 MOLFM: C20-H32-N-O I
SYN: COMPOUND 14045 METHIODIDE * 1-(3-CYCLOHEXYL-3-HYDROXY-3-PHENYLPROPYL)-1-METHYL-PYRROLIDINIUM IODIDE
TOXICITY DATA AND REFERENCES:
2C08J30 orl-mus LD50:515 mg/kg JAPMA8 43,408,54
2C08J30 ipr-mus LD50:86 mg/kg JAPMA8 43,408,54
2C08J30 ivn-mus LD50:12510 ug/kg JAPMA8 43,408,54
2F11F18 scu-dog LDLo:100 mg/kg JAPMA8 43,408,54

UY4281500 PYRROLIDINIUM, 1-(3-CYCLOHEXYL-3-HYDROXY-3-PHENYLPROPYL)-1-METHYL-, METHYL SULFATE
UPDT:8405 MW: 413.63 MOLFM: C20-H32-N-O C-H3-S-O4
SYN: COMPOUND 14045 METHSULFATE * 1-(3-CYCLOHEXYL-3-HYDROXY-3-PHENYLPROPYL)-1-METHYL-PYRROLIDINIUM METHYL SULFATE * 1-CYCLOHEXYL-1-PHENYL-3-PYRROLIDINO-1-PROPANOL METHSULFATE * ELORINE SULFATE * TRICYCLAMOL SULFATE
TOXICITY DATA AND REFERENCES:
2C08J30 orl-rat LD50:985 mg/kg JAPMA8 43,408,54
2C08J30 orl-mus LD50:554 mg/kg JAPMA8 43,408,54
2C08J30 ivn-mus LD50:15600 ug/kg JAPMA8 43,408,54

UY4310000 PYRROLIDINIUM, 1,1-DIETHYL-3-DIPHENYLMETHYLENE-2-METHYL-, BROMIDE
UPDT:8408 CAS: 4630-95-9 MW: 386.42 MOLFM: C22-H28-N Br
SYN: 1,1-DIETHYL-2-METHYL-3-DIPHENYLMETHYLENEPYRROLIDINIUM BROMIDE * 3-(DIPHENYLMETHYLENE)-1,1-DIETHYL-2-METHYLPYRROLIDINIUM BROMIDE * 3-(DIPHENYLMETHYLENE)-1-ETHYL-2-METHYLPYRROLIDINE ETHYL BROMIDE * PADRIN * PRIFINIUM BROMIDE * PYRODIFENIUM BROMIDE * RIABAL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:120 mg/kg (7-12D preg) ARZNAD 22,706,72
1T46 scu-mus TDLo:60 mg/kg (7-12D preg) ARZNAD 22,706,72
1T34 scu-mus TDLo:120 mg/kg (7-12D preg) ARZNAD 22,706,72
1T25 ivn-rbt TDLo:4500 ug/kg (8-16D preg) ARZNAD 22,706,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1090 mg/kg ARZNAD 22,706,72
ipr-rat LD50:46 mg/kg ARZNAD 22,706,72
scu-rat LD50:170 mg/kg ARZNAD 22,706,72
2D16E15 ivn-rat LD50:5500 ug/kg OYYAA2 23,461,82
orl-mus LD50:310 mg/kg ARZNAD 22,706,72
ipr-mus LD50:40 mg/kg ARZNAD 22,706,72
scu-mus LD50:30 mg/kg ARZNAD 22,706,72
* ivn-mus LD50:11 mg/kg MEIEDD 10,1114,83
orl-dog LD50:327 mg/kg ARZNAD 22,706,72
scu-dog LD50:88 mg/kg ARZNAD 22,706,72
ivn-dog LD50:18 mg/kg ARZNAD 22,706,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY4330000 PYRROLIDINIUM, 1,1-DIETHYL-3-HYDROXY-, BROMIDE, BENZILATE
UPDT:8405 CAS: 1050-48-2 MW: 434.42 MOLFM: C22-H28-N-O3 Br
SYN: BENZILONIUM BROMIDE * BENZILIC ACID, 1-ETHYL-3-PYRROLIDINYL ESTER ETHYL BROMIDE * 3-BENZILOXY-1,1-DIETHYLPYRROLIDINIUM BROMIDE * CI-379 * CN-20,172-3 * 1,1-DIAETHYL-3-HYDROXY-PYRROLIDIN-BROMID-BENZYLAT-ESTER (German) * 1,1-DIETHYL-3-((HYDROXYDIPHENYLACETYL)OXY)PYRROLIDINIUM BROMIDE * 1,1-DIETHYL-3-HYDROXY PYRROLIDINIUM BENZIL BROMIDE * 1,1-DIETHYL-3-HYDROXYPYRROLIDINIUM BROMIDE BENZILATE * 1-ETHYL-3-PYRROLIDINYL BENZILATE ETHYL BROMIDE * MINELCIN * MINELSIN * ORTYN RETARD * PORTYN * PU-239 * PYRBENINE * PYRROLIDINIUM, 1,1-DIETHYL-3-((HYDROXYDIPHENYACETYL)OXY)-, BROMIDE * ULCOBAN
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1860 mg/kg ARZNAD 12,414,62
* orl-mus LD50:933 mg/kg NIIRDN 6,357,82

PYRROLIDINIUM, 1,1-DIETHYL-3-((HYDROXYDIPHENYACETYL)OXY)-, BROMIDE see: UY4330000

UY4337100 PYRROLIDINIUM, 1,1-DIMETHYL-
UPDT:8407 MW: 100.21 MOLFM: C6-H14-N
SYN: 1,1-DIMETHYLPYRROLIDINIUM
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg USXXAM #4013507

UY4337630 PYRROLIDINIUM, 1,1-DIMETHYL-3-HYDROXY-, BROMIDE, alpha-CYCLOPENTYLMANDELATE
UPDT:8409 CAS: 596-51-0 MW: 398.39 MOLFM: C19-H28-N-O3 Br
SYN: AHR 504 * ASECRYL * 1,1-DIMETHYL-3-HYDROXYPYRROLIDINIUM BROMIDE alpha-CYCLOPENTYLMANDELATE * GASTRODYN * GLYCOPYRROLATE * GLYCOPYRROLATE BROMIDE * GLYCOPYRRONIUM BROMIDE * NODAPTON * ROBANUL * ROBINUL * TARODYL * TARODYN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T12 orl-rat TDLo:4004 mg/kg (26W pre) OYYAA2 7,627,73
1T17 orl-mus TDLo:10 mg/kg (1D post) OYYAA2 15,721,78
TOXICITY DATA AND REFERENCES:
3F12F17J22 orl-rat LD50:1150 mg/kg TXAPA9 17,361,70
3F12F17J22 ipr-rat LD50:196 mg/kg TXAPA9 17,361,70
* scu-rat LD50:833 mg/kg NIIRDN 6,349,82
3D16F12J22 orl-mus LD50:570 mg/kg JMPCAS 2,523,60
3D16F12J22 ipr-mus LD50:90 mg/kg JMPCAS 2,523,60
* scu-mus LD50:589 mg/kg NIIRDN 6,349,82
ivn-mus LD50:15 mg/kg 29ZVAB -,55,69
3F07K12U01 orl-rbt LD50:2360 mg/kg OYYAA2 7,627,73
3F07K12U01 ivn-rbt LD50:29100 ug/kg OYYAA2 7,627,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRROLIDINIUM, 1-(2-(1,1-DIMETHYLPIPERID-4-YL)ETHYL)-1-METHYL-, DIIODIDE see: TN4977000

UY4347600 PYRROLIDINIUM, 1-((DIPHENYLSULFOXIMIDO)METHYL)-1-METHYL-, BROMIDE
UPDT:8401 MW: 395.40 MOLFM: C18-H23-N2-O-S Br
SYN: 1-((DIPHENYLSULFOXIMIDO)METHYL)-1-METHYLPYRROLIDINIUM BROMIDE * HE-HK-52 * N-(N-METHYLPYRROLIDINIUMMETHYL)-S,S-DIPHENYL-SULFOXIMIDE BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:381 mg/kg DRFUD4 7,478,82
* ivn-rat LD50:9 mg/kg DRFUD4 7,478,82
* orl-mus LD50:331 mg/kg DRFUD4 7,478,82
* ivn-mus LD50:8 mg/kg DRFUD4 7,478,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY4350000 PYRROLIDINIUM, 1-(1,2-DITHIOLAN-4-YL)-1-METHYL-, IODIDE
UPDT:8412 CAS: 15589-27-2 MW: 317.27 MOLFM: C8-H16-N-S2 I
SYN: 1-(1,2-DITHIOLAN-4-YL)PYRROLIDINE METHIODIDE * 1-(1,2-DITHIOLAN-4-YL)-1-METHYLPYRROLIDINIUM IODIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:2 mg/kg NTIS** AD868-447

UY4430000 PYRROLIDINIUM, 1,1'-HEXAMETHYLENEBIS(1-METHYL-, DIBROMIDE
UPDT:8305 CAS: 13118-09-7 MW: 414.34 MOLFM: C16-H34-N2 2Br
SYN: 1,1'-HEXAMETHYLENEBIS(1-METHYLPYRROLIDINIUM BROMIDE) * HEXAPYRROLIDINIUM BROMIDE * M & B 2024
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:17 mg/kg BJPCAL 10,124,55

UY4550000 PYRROLIDINIUM, 3-HYDROXY-1,1-DIMETHYL-, BROMIDE, alpha-PHENYL-2-THIOPHENEGLYCOLATE
UPDT:8403 CAS: 7247-57-6 MW: 412.38 MOLFM: C18-H22-N-O3-S Br
SYN: HETERONIUM BROMIDE * HETRUM BROMIDE * 3-HYDROXY-1,1-DIMETHYLPYRROLIDINIUM BROMIDE, alpha-PHENYL-2-THIOPHENEGLYCOLATE * 1-METHYL-3-PYRROLIDYL PHENYL-2-THIENYLGLYCOLATE METHOBROMIDE * PYRROLIDINIUM, 3-((HYDROXYPHENYL-2-THIENYLACETYL)OXY)-1,1-DIMETHYL-, BROMIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3576 mg/kg TXAPA9 18,185,71

UY4550200 PYRROLIDINIUM, 1-(2-HYDROXYETHYL)-1-METHYL-, IODIDE, ESTER with (2-CARBOXYETHYL)TRIMETHYL AMMONIUM IODIDE
UPDT:8305 MW: 498.23 MOLFM: C13-H28-N2-O2 2I
TOXICITY DATA AND REFERENCES:
2E08H02 ivn-mus LDLo:50 mg/kg AIPTAK 118,210,59

UY4550300 PYRROLIDINIUM, 1-(alpha-(HYDROXYMETHYL)BENZYL)-1-METHYL-, BROMIDE, DIPHENYLACETATE
UPDT:8309 MW: 480.49 MOLFM: C27-H30-N-O2 Br
SYN: FC 637/A
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg FRPSAX 19,588,64

UY4550400 PYRROLIDINIUM, 1-(2-(alpha-HYDROXY-N-METHYL-alpha-PHENYL-2-THIOPHENEACETAMIDO) ETHYL)-1-METHYL-, BROMIDE
UPDT:8309 CAS: 26058-50-4 MW: 439.46 MOLFM: C20-H27-N2-O2-S Br
SYN: FC 113
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:185 mg/kg CHTPBA 7,14,72
ivn-mus LD50:30 mg/kg CHTPBA 7,14,72

UY4550500 PYRROLIDINIUM, 1-(beta-HYDROXYPHENYL)-1-METHYL-, IODIDE, BENZOATE (ester)
UPDT:8309 MW: 437.35 MOLFM: C20-H24-N-O2 I
SYN: 1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE BENZOATE (ester)
TOXICITY DATA AND REFERENCES:
2C17F02 scu-mus LDLo:150 mg/kg JACSAT 81,203,59

UY4550530 PYRROLIDINIUM, 1-(beta-HYDROXYPHENETHYL)-1-METHYL-, IODIDE, m-BROMOBENZOATE (ester)
UPDT:8309 MW: 516.25 MOLFM: C20-H23-Br-N-O2 I
SYN: 1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE m-BROMOBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1F02 scu-mus LDLo:300 mg/kg JACSAT 81,203,59

UY4550540 PYRROLIDINIUM, 1-(beta-HYDROXYPHENETHYL)-1-METHYL-, IODIDE, p-BROMOBENZOATE (ester)
UPDT:8309 MW: 516.25 MOLFM: C20-H23-Br-N-O2 I
SYN: 1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE p-BROMOBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:200 mg/kg JACSAT 81,203,59

UY4550550 PYRROLIDINIUM, 1-(beta-HYDROXYPHENETHYL)-1-METHYL-, IODIDE, p-BUTOXYBENZOATE (ester)
UPDT:8309 MW: 509.47 MOLFM: C24-H32-N-O3 I
SYN: 1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE p-BUTOXYBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:200 mg/kg JACSAT 81,203,59

UY4550560 PYRROLIDINIUM, 1-(beta-HYDROXYPHENETHYL)-1-METHYL-, IODIDE, p-tert-BUTYLBENZOATE (ester)
UPDT:8309 MW: 493.47 MOLFM: C24-H32-N-O2 I
SYN: 1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE p-tert-BUTYLBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:80 mg/kg JACSAT 81,203,59

UY4550600 PYRROLIDINIUM, 1-(beta-HYDROXYPHENETHYL)-1-METHYL-, IODIDE, p-CHLOROBENZOATE (ester)
UPDT:8309 MW: 471.79 MOLFM: C20-H23-Cl-N-O2 I
SYN: 1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE p-CHLOROBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
2C17F02 scu-mus LDLo:200 mg/kg JACSAT 81,203,59

UY4550650 PYRROLIDINIUM, 1-(beta-HYDROXYPHENETHYL)-1-METHYL-, IODIDE, o-ETHOXYBENZOATE (ester)
UPDT:8309 MW: 481.41 MOLFM: C22-H28-N-O3 I
SYN: 1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE o-ETHOXYBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
2C17F02 scu-mus LDLo:200 mg/kg JACSAT 81,203,59

UY4550670 PYRROLIDINIUM, 1-(beta-HYDROXYPHENETHYL)-1-METHYL-, IODIDE, p-ETHOXYBENZOATE (ester)
UPDT:8309 MW: 481.41 MOLFM: C22-H28-N-O3 I
SYN: 1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE p-ETHOXYBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:200 mg/kg JACSAT 81,203,59

UY4550750 PYRROLIDINIUM, 1-(beta-HYDROXYPHENETHYL)-1-METHYL-, IODIDE, m-NITROBENZOATE (ester)
UPDT:8309 MW: 482.35 MOLFM: C20-H23-N2-O4 I
SYN: 1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE m-NITROBENZOATE (ester)
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:300 mg/kg JACSAT 81,203,59

UY4550800 PYRROLIDINIUM, 1-(beta-HYDROXYPHENETHYL)-1-METHYL-, IODIDE, 2-PHENOXYPROPIONATE (ester)
UPDT:8309 MW: 481.41 MOLFM: C22-H28-N-O3 I
SYN: 1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE 2-PHENOXYPROPIONATE (ester)
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:750 mg/kg JACSAT 81,203,59

UY4550850 PYRROLIDINIUM, 1-(beta-HYDROXYPHENETHYL)-1-METHYL-, IODIDE, m-TOLUATE (ester)
UPDT:8309 MW: 450.37 MOLFM: C21-H25-N-O2 I
SYN: 1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE m-TOLUATE (ester)
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:100 mg/kg JACSAT 81,203,59

UY4550860 PYRROLIDINIUM, 1-(beta-HYDROXYPHENETHYL)-1-METHYL-, IODIDE, p-TOLUATE (ester)
UPDT:8309 MW: 451.38 MOLFM: C21-H26-N-O2 I
SYN: 1-(beta-HYDROXYPHENETHYL)-1-METHYLPYRROLIDINIUM IODIDE p-TOLUATE (ester)
TOXICITY DATA AND REFERENCES:

2C17F02	scu-mus LDLo:250 mg/kg	JACSAT 81,203,59

PYRROLIDINIUM, 3-((HYDROXYPHENYL-2-THIENYLACETYL)OXY)-1,1-DIMETHYL-, BROMIDE see: UY4550000

UY4572000 PYRROLIDINIUM, 1-METHYL-1-(1-VINYLCYCLOHEXYL)-, IODIDE
UPDT:8305 MW: 321.28 MOLFM: C13-H24-N I
SYN: IODURE du (VINYL-1 CYCLOHEXYLE)-N PYRROLIDINE (French) * 1-METHYL-1-(1-VINYLCYCLOHEXYL)PYRROLIDINIUM IODIDE
TOXICITY DATA AND REFERENCES:

1F24	ipr-mus LD50:18 mg/kg	CHTPBA 1,284,66

PYRROLIDINIUM, 2,2'-(2-OXO-1,3-PROPANEDIYL)BIS(1,1-DIMETHYL-, DIIODIDE, (R*,S*)- (9CI) see: UY4587000

UY4587000 PYRROLIDINIUM, 2,2'-(2-OXOTRIMETHYLENE)BIS(1,1-DIMETHYL-, DIIODIDE
UPDT:8401 CAS: 62209-22-7 MW: 508.27 MOLFM: C15-H30-N2-O I2
SYN: 1,3-BIS(N,N-DIMETHYL-2-PYRROLIDINIUM)PROPANONE DIIODIDE * CUSCOHYGRINE DIMETHYLIODIDE * CUSCOHYGRIN DIMETHIODIDE * 2,2'-(2-OXO-TRIMETHYLENE)BIS(1,1-DIMETHYLPYRROLIDINIUM) DIIODIDE * PYRROLIDINIUM, 2,2'-(2-OXO-1,3-PROPANEDIYL)BIS(1,1-DIMETHYL-, DIIODIDE, (R*,S*)- (9CI)
TOXICITY DATA AND REFERENCES:

2E05H02	ipr-mus LD50:111 mg/kg	PCJOAU 11,478,77
1E05	ipr-cat LD50:111 mg/kg	PCJOAU 11,135,77

UY4900000 PYRROLIDINIUM, 1,1'-PENTAMETHYLENEBIS(1-METHYL-, TARTRATE (1:2)
UPDT:8406 CAS: 52-62-0 MW: 538.67 MOLFM: C15-H32-N2 2C4-H5-O6
SYN: ANSOLYSEN * ANSOLYSEN BITARTRATE * ANSOLYSEN TARTRATE * MB 2050A * PENTALINIUM TARTRATE * 1,1'-PENTAMETHYLENEBIS(1-METHYLPYRROLIDINIUM HYDROGEN TARTRATE) * PENTAMETHYLENE-1,5-BIS(1'-METHYLPYRROLIDINIUM TARTRATE) * 1,1'-PENTAMETHYLENEBIS(1-METHYLPYRROLIDINIUM TARTRATE) * PENTAPYRROLIDIUM BITARTRATE * PENTILIUM * PENTOLINIUM BITARTRATE * PENTOLINIUM TARTRATE * PENTOLONIUM TARTRATE
TOXICITY DATA AND REFERENCES:

	orl-rat LD50:890 mg/kg	PSEBAA 120,511,65
*	ipr-rat LD50:28900 ug/kg	JAPMA8 46,346,57
*	orl-mus LD50:512 mg/kg	NIIRDN 6,780,82
*	ipr-mus LD50:36 mg/kg	NIIRDN 6,780,82
	scu-mus LDLo:94 mg/kg	CLDND*
*	ivn-mus LD50:29 mg/kg	NIIRDN 6,780,82
1J25	ivn-dog LD50:10 mg/kg	JAPMA8 46,346,57
	unk-rbt LDLo:20 mg/kg	CLDND*

PYRROLIDINO-AETHYL-PHENTHIAZIN (German) see: SP4725000
1-PYRROLIDINOCYCLOHEXANECARBONITRILE see: GU7740000
1-(p-beta-PYRROLIDINOETHOXYPHENYL)-2-PHENYLNAPHTHO(2,1-b)FURAN HYDROCHLORIDE see: UY1781920
4-(2,1-PYRROLIDINOETHOXY)QUINOLINE HYDROCHLORIDE see: VC2525000 QUINOLINE, 4-(2-(1-PYRROLIDINYL)ETHOXY)-
N-(beta-PYRROLIDINOETHYL)PHENOTHIAZINE see: SP4725000
N-(2-PYRROLIDINOETHYL)PHENOTHIAZINE HYDROCHLORIDE see: SP4900000

UY5640000 3-PYRROLIDINOL, 1,2-DIMETHYL-3-PHENYL-, PROPIONATE
UPDT:8310 CAS: 3734-17-6 MW: 247.37 MOLFM: C15-H21-N-O2
SYN: A-1981 * COGESIC * 1,2-DIMETHYL-3-PHENYL-3-PYRROLIDYL PROPIONATE * 1,2-DIMETHYL-3-PHENYL-3-PYRROLIDINOL PROPIONATE (ester) * PRODILIDINE
TOXICITY DATA AND REFERENCES:

	orl-rat LD50:253 mg/kg	JPETAB 134,332,61
1F29	ipr-rat LDLo:133 mg/kg	JMPCAS 4,1,61
	scu-rat LD50:188 mg/kg	JPETAB 134,332,61
	ivn-rat LD50:74 mg/kg	JPETAB 134,332,61
	orl-mus LD50:318 mg/kg	JPETAB 134,332,61
	scu-mus LD50:194 mg/kg	JPETAB 134,332,61
	ivn-mus LD50:91 mg/kg	JPETAB 134,332,61

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY5709600 3-PYRROLIDINOL, 1-NITROSO-
UPDT:8405 CAS: 56222-35-6 MW: 116.14 MOLFM: C4-H8-N2-O2
SYN: 3-HYDROXYNITROSOPYRROLIDINE * N-NITROSO-3-HYDROXYPYRROLIDINE * 1-NITROSO-3-PYRROLIDINOL
MUTATION DATA AND REFERENCES:

	mma-sat 500 ug/plate	MUREAV 89,35,81

TUMORIGENIC DATA AND REFERENCES:

3V01J60T63	orl-rat TDLo:1778 mg/kg/2Y-I	IAPUDO 31,657,80

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-(PYRROLIDINOMETHYL)DIBENZ(2,3 6,7)-3a,12b-DIHYDROOXEPIN(4,5-d)-1,3-DIOXOLANE see: HQ4236100
3-PYRROLIDINO-N-METHYL-4-ETHOXYBIPHENYL see: UY1229500 PYRROLIDINE, 1-((4-ETHOXY(1,1'-BIPHENYL)-3-YL)METHYL)-
3-PYRROLIDINOMETHYL-4-HYDROXYBIPHENYL see: DV7670000 (1,1'-BIPHENYL)-4-OL, 3-(1-PYRROLIDINYLMETHYL)-
3-PYRROLIDINO-N-METHYL-4-METHOXYBIPHENYL see: UY1329250 PYRROLIDINE, 1-((4-METHOXY(1,1'-BIPHENYL)-3-YL)METHYL)-
1-PYRROLIDINOMETHYL-3-(2-NAPHTHYLOXYACETYLHYDRAZONO)INDOLIN-2-ONE see: AI9695000
alpha-PYRROLIDINONE see: UY5715000

UY5715000 2-PYRROLIDINONE
UPDT:8408 CAS: 616-45-5 MW: 85.12 MOLFM: C4-H7-N-O
SYN: gamma-AMINOBUTYRIC ACID LACTAM * 4-AMINOBUTYRIC ACID LACTAM * gamma-AMINOBUTYRIC LACTAM * gamma-AMINOBUTYROLACTAM * BUTYROLACTAM * gamma-BUTYROLACTAM * LAM * 2-OXOPYRROLIDINE * 2-PYROL * alpha-PYRROLIDINONE * PYRROLIDON (German) * PYRROLIDONE * alpha-PYRROLIDONE * 2-PYRROLIDONE
TOXICITY DATA AND REFERENCES:

	orl-rat LD50:6500 mg/kg	34ZIAG -,508,69
3F17J25U26	ipr-rat LD50:3000 mg/kg	AITEAT 13,70,65
3F17J25U26	ipr-mus LD50:3700 mg/kg	AITEAT 13,70,65
	scu-mus LDLo:10 gm/kg	AEXPBL 50,199,1903
*	ivn-rbt LDLo:800 mg/kg	AITEAT 13,70,65
	orl-gpg LD50:6500 mg/kg	34ZIAG -,508,69

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

2-PYRROLIDINONEACETAMIDE see: UX9660500

UY5718000 2-PYRROLIDINONE, N-(2-ADAMANTYL)-
UPDT:8312 MW: 219.36 MOLFM: C14-H21-N-O
SYN: N-(2-ADAMANTYL)-2-PYRROLIDINONE * N-(2-ADAMANTYL)-2-PYRROLIDONE
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:360 mg/kg	PCJOAU 16,757,82

UY5746000 2-PYRROLIDINONE, 1-BUTYL-
UPDT:8311 CAS: 3470-98-2 MW: 141.24 MOLFM: C8-H15-N-O
SYN: N-BUTYLPYRROLIDINONE * 1-BUTYL-2-PYRROLIDINONE * N-BUTYLPYRROLIDONE
TOXICITY DATA AND REFERENCES:

2F19F25	ipr-mus LD50:500 mg/kg	JPMSAE 60,1058,71

UY5750000 2-PYRROLIDINONE, 1,3-DIMETHYL-
UPDT:8406 CAS: 19597-07-0 MW: 113.18 MOLFM: C6-H11-N-O
SYN: 1,3-DIMETHYL-2-PYRROLIDINONE
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:3000 mg/kg	RPTOAN 45,122,82

UY5764000 2-PYRROLIDINONE, 1-((4,4-DIMETHYL-4H-1,3-BENZOTHIAZIN-2-YL)METHYL)-, HYDROCHLORIDE
UPDT:8305 MW: 310.87 MOLFM: C15-H18-N2-O-S Cl-H
SYN: 1-((4,4-DIMETHYL-4H-1,3-BENZOTHIAZIN-2-YL)METHYL)-2-PYRROLIDINONE HYDROCHLORIDE * 2-(2-OXOPYRROLIDINO)METHYL-4,4-DIMETHYL-4H-1,3-BENZOTHIAZINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:

2A11F17	ipr-mus LD50:300 mg/kg	RPTOAN 45,64,82

UY5764500 2-PYRROLIDINONE, 1,4-DIMETHYL-3,3-DIPHENYL-
UPDT:8312 MW: 265.38 MOLFM: C18-H19-N-O
SYN: 1,4-DIMETHYL-3,3-DIPHENYL-2-PYRROLIDINONE
TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:16 mg/kg	JCSOA9 -,648,49

UY5764600 2-PYRROLIDINONE, 1,5-DIMETHYL-3,3-DIPHENYL-
UPDT:8312 CAS: 30223-75-7 MW: 265.38 MOLFM: C18-H19-N-O
SYN: 1,5-DIMETHYL-3,3-DIPHENYL-2-PYRROLIDINONE
TOXICITY DATA AND REFERENCES:

1F29	ivn-mus LD50:15 mg/kg	JCSOA9 -,648,49

2-PYRROLIDINONE, 1-ETHENYL, HOMOPOLYMER see: TR8370000

UY5768800 2-PYRROLIDINONE, 1-ETHENYL-, POLYMER with 2-METHYLENE-1,3-PROPANEDIYL BIS(METHYLCARBAMATE)
UPDT:8305 CAS: 68045-74-9
SYN: BAY-I-7433 * COPOLYMER of N-VINYLPYRROLIDONE and 1,1-DI(METHYLAMINOCARBONYLOXYMETHYL) ETHYLENE * COPOVITHANE * 1-ETHENYL-2-PYRROLIDINONE, POLYMER with 2-METHYLENE-1,3-PROPANEDIYL BIS(METHYLCARBAMATE)
TOXICITY DATA AND REFERENCES:

2F23J24	ivn-rat LD50:4 gm/kg	DRFUD4 7,621,82

UY5769000 2-PYRROLIDINONE, 1-ETHENYL-, POLYMER with (S)-1,2,3,4-TETRAHYDRO-6,7-DIMETHOXY-1-METHYL- 2-(2-METHYL-1-OXO-2-PROPENYL)ISOQUINOLINE
UPDT:8406 CAS: 77288-29-0 MOLFM: (C6-H9-N-O C16-H21-N-O3)x
SYN: VINYLPYRROLIDINONE-SALSOLIDINEMETHACRYLATE
TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:3050 mg/kg	KHFZAN 15(2),54,81

UY5769100 2-PYRROLIDINONE, 1-ETHENYL-, POLYMER with (S)-1,2,3,4-TETRAHYDRO-6,7-DIMETHOXY-1-METHYL- 2-(2-PROPENYL)ISOQUINOLINE
UPDT:8406 CAS: 56254-47-8 MOLFM: (C6-H9-N-O C15-H21-N-O2)x
TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:82 mg/kg	KHFZAN 15(2),54,81

UY5770000 2-PYRROLIDINONE, 1-ETHYL-4-(2-MORPHOLINOETHYL)-3,3-DIPHENYL-, MONOHYDROCHLORIDE, MONOHYDRATE
UPDT:8406 CAS: 7081-53-0 MW: 433.04 MOLFM: C24-H30-N2-O2 H2-O Cl-H
SYN: AHR-619 * DOP * DOPRAM * DOXAPRAM HYDROCHLORIDE * DOXAPRAM HYDROCHLORIDE HYDRATE * 1-ETHYL-4-(2-MORPHOLINOETHYL)-3,3-DIPHENYL-2-PYRROLIDINONE HYDROCHLORIDE HYDRATE * STIMULEXIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	ipr-rat TDLo:3150 mg/kg (35D male)	OYYAA2 8,1365,74
1T12	ipr-rat TDLo:4859 mg/kg (26W pre)	OYYAA2 8,1381,74
3T25T26T34	ipr-mus TDLo:864 mg/kg (7-12D preg)	OYYAA2 8,229,74
1T46	ipr-mus TDLo:864 mg/kg (7-12D preg)	OYYAA2 8,229,74

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:261 mg/kg	TXAPA9 18,185,71
	ipr-rat LD50:174 mg/kg	TXAPA9 13,242,68
	scu-rat LD50:312 mg/kg	TXAPA9 13,242,68
	ivn-rat LD50:72 mg/kg	TXAPA9 13,242,68
	orl-mus LD50:270 mg/kg	TXAPA9 13,242,68
	ipr-mus LD50:153 mg/kg	TXAPA9 13,242,68
*	scu-mus LD50:312 mg/kg	NIIRDN 6,504,82
	ivn-mus LD50:85 mg/kg	TXAPA9 13,242,68
	orl-dog LD50:150 mg/kg	27ZQAG -,225,72
	ivn-dog LDLo:40 mg/kg	TXAPA9 18,185,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY5770200 2-PYRROLIDINONE, 3-ETHYL-3-PHENYL-
UPDT:8406 MW: 189.28 MOLFM: C12-H15-N-O
SYN: 3-ETHYL-3-PHENYL-2-PYRROLIDINONE * 3-ETHYL-3-PHENYL-PYRROLIDONE-2 * L-20824
TOXICITY DATA AND REFERENCES:

2F02F07	orl-rat LD50:990 mg/kg	AIPTAK 121,443,59

UY5776000 2-PYRROLIDINONE, N-(1-HYDROXY-4-ADAMANTYL)-
UPDT:8312 MW: 235.36 MOLFM: C14-H21-N-O2
SYN: N-(1-HYDROXY-4-ADAMANTYL)-2-PYRROLIDINONE * N-(1-HYDROXY-4-ADAMANTYL)-2-PYRROLIDONE
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1600 mg/kg	PCJOAU 16,757,82

UY5782000 2-PYRROLIDINONE, 1-(2-(p-(6-METHOXY-2-PHENYLBENZO(b)THIEN-3-YL)PHENOXY)ETHYL)-
UPDT:8403 MW: 443.59 MOLFM: C27-H25-N-O3-S
SYN: 1-(2-(p-(6-METHOXY-2-PHENYLBENZO(b)THIEN-3-YL)PHENOXY)ETHYL)-2-PYRROLIDINONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-mus TDLo:450 mg/kg (4D pre/1-5D preg)	JMCMAR 14,1185,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY5789900 2-PYRROLIDINONE, METHYL-
UPDT:8305 CAS: 51013-18-4 MW: 99.15 MOLFM: C5-H9-N-O
SYN: METHYL-2-PYRROLIDINONE * METHYLPYRROLIDONE * MP
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:2310 mg/kg	YKIGAK 31,327,80

UY5790000 2-PYRROLIDINONE, 1-METHYL-
UPDT:8305 CAS: 872-50-4 MW: 99.15 MOLFM: C5-H9-N-O
SYN: N-METHYLPYRROLIDINONE * N-METHYL-2-PYRROLIDINONE * 1-METHYL-2-PYRROLIDINONE * 1-METHYL-5-PYRROLIDINONE * METHYLPYRROLIDONE * N-METHYLPYRROLIDONE * N-METHYL-2-PYRROLIDONE * M-PYROL * NMP
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T25T26T34	skn-rat TDLo:7500 mg/kg (6-15D preg)	FAATDF 2,73,82
3T25T41T46	ipr-rat TDLo:166 mg/kg (9D preg)	BIRUAA 14,38,76

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:7000 mg/kg	34ZIAG -,394,69
*	ipr-rat LD50:2472 mg/kg	ARZNAD 26,1581,76
*	ivn-rat LD50:2266 mg/kg	ARZNAD 26,1581,76
*	orl-mus LD50:7725 mg/kg	ARZNAD 26,1581,76
*	ipr-mus LD50:4429 mg/kg	ARZNAD 26,1581,76
*	ivn-mus LD50:3605 mg/kg	ARZNAD 26,1581,76
	skn-rbt LD50:8000 mg/kg	NPIRI* 1,84,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY5883000 2-PYRROLIDINONE, 1-METHYL-3-(TRIMETHYLSILYL)-
UPDT:8408 CAS: 72578-86-0 MW: 171.35 MOLFM: C8-H17-N-O-Si
SYN: 1-METHYL-3-(TRIMETHYLSILYL)-2-PYRROLIDINONE * 1-METHYL-(3-TRIMETHYLSILYL)PYRROLIDONE-2
TOXICITY DATA AND REFERENCES:

1F25	ipr-mus LD50:94 mg/kg	RPTOAN 45,122,82

UY5894000 2-PYRROLIDINONE, 1-NITROSO-
UPDT:8401 CAS: 54634-49-0 MW: 114.12 MOLFM: C4-H6-N2-O2
SYN: 1-NITROSO-2-PYRROLIDINONE * N-NITROSO-2-PYRROLIDONE
MUTATION DATA AND REFERENCES:
dnr-bcs 1500 ug/disc YKKZAJ 97,320,77
TUMORIGENIC DATA AND REFERENCES:
2V03K61 orl-rat TDLo:1460 mg/kg/52W-C YKKZAJ 97,320,77
TOXICITY DATA AND REFERENCES:
orl-mus LD50:291 mg/kg YKKZAJ 97,320,77
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY5912000 2-PYRROLIDINONE, 4-PHENYL-
UPDT:8310 CAS: 1198-97-6 MW: 161.22 MOLFM: C10-H11-N-O
SYN: 4-PHENYL-2-PYRROLIDINONE * PHENYLPYRROLIDONE * 4-PHENYLPYRROLIDONE-2
TOXICITY DATA AND REFERENCES:
3E15F17F18 unk-mus LD50:352 mg/kg PCJOAU 14,776,80
3F17F18F29 unk-mam LD50:352 mg/kg RPTOAN 44,22,81

UY5950100 2-PYRROLIDINONE, 1-(4-(1-PYRROLIDINYL)-2-BUTYNYL)-
UPDT:8302 CAS: 70-22-4 MW: 206.32 MOLFM: C12-H18-N2-O
SYN: 2'-OXOPYRROLIDINO-1-PYRROLIDINO-4-BUTYNE * OXOTREMORINE * 1-(4-(1-PYRROLIDINYL)-2-BUTYNYL)-2-PYRROLIDINONE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:4400 ug/kg TXAPA9 14,67,69
1E08 ipr-mus LD50:3 mg/kg ATXKA8 29,39,72
1F11 ivn-mus LD50:1400 mg/kg BJPCAL 26,56,66
2-PYRROLIDINONE, 5-THIOXO- see: WN3500000

UY6102000 2-PYRROLIDINONE, 3-(TRIMETHYLSILYL)-1-VINYL-
UPDT:8408 MW: 183.36 MOLFM: C9-H17-N-O-Si
SYN: 3-(TRIMETHYLSILYL)-1-VINYL-2-PYRROLIDINONE * 1-VINYL-3-(TRIMETHYLSILYL)-2-PYRROLIDINONE * 1-VINYL-3-(TRIMETHYLSILYL)PYRROLIDONE-2
TOXICITY DATA AND REFERENCES:
1F25 ipr-mus LD50:76 mg/kg RPTOAN 45,122,82

UY6107000 2-PYRROLIDINONE, 1-VINYL-
UPDT:8307 CAS: 88-12-0 MW: 111.16 MOLFM: C6-H9-N-O
SYN: 1-ETHENYL-2-PYRROLIDINONE (9CI) * VINYLBUTYROLACTAM * N-VINYLPYRROLIDINONE * N-VINYL-2-PYRROLIDINONE * 1-VINYL-2-PYRROLIDINONE * VINYLPYRROLIDONE * N-VINYLPYRROLIDONE * N-VINYL-2-PYRROLIDONE * 1-VINYL-2-PYRROLIDONE * V-PYROL
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg SEV BurLW# 02NOV78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1470 mg/kg BurLW# 02NOV78
ihl-rat LC50:3200 mg/m3 BurLW# 02NOV78
skn-rbt LD50:560 mg/kg BurLW# 02NOV78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
2-PYRROLIDINONE, 1-VINYL-, POLYMERS see: TR8370000
UPDT:8408
4-N-PYRROLIDINYLAZOBENZENE see: UY1780300
10-PYRROLIDINYL-BORNAN-2-exo-OL see: ED6652200
1-(4-(1-PYRROLIDINYL)-2-BUTYNYL)-2-PYRROLIDINONE see: UY5950100
3-(1-PYRROLIDINYLCARBONYL)COUMARIN see: GN8267000 COUMARIN, 3-(1-PYRROLIDINYLCARBONYL)-
3-(1-PYRROLIDINYLCARBONYL)HYDROCOUMARIN see: MW5778000 HYDROCOUMARIN, 3-(1-PYRROLIDINYLCARBONYL)-
3-((1-PYRROLIDINYLCARBONYL)METHYL)COUMARIN see: GN8268000 COUMARIN, 3-((1-PYRROLIDINYLCARBONYL)METHYL)-
1-((1-PYRROLIDINYLCARBONYL)METHYL)-4-(3,4,5-TRIMETHOXYCINNAMOYL)PIPERAZINE MALEATE see: TM2785100
2-(1-PYRROLIDINYLCARBONYL)VERATRALDEHYDE see: YX5089900
2-(p-(2-(1-PYRROLIDINYL)ETHOXY)ANILINO)BENZOXAZOLE see: DM4570000
alpha-((2-(1-PYRROLIDINYL)ETHOXY)METHYL)BENZYL ALCOHOL see: DP1235000
alpha-((2-(1-PYRROLIDINYL)ETHOXY)METHYL)BENZYL ALCOHOL BENZOATE (ester) see: DP1235100
alpha-((2-(1-PYRROLIDINYL)ETHOXY)METHYL)BENZYL ALCOHOL HYDROCHLORIDE see: DP1235300
o-(2-PYRROLIDINYLETHOXY)PHENYL o-TOLYL ETHER HYDROCHLORIDE see: SI7960000
N-(2-(PYRROLIDINYL)ETHYL)CARBAMIC ACID, 2,6-XYLYL ESTER HYDROCHLORIDE see: FD1177000
10-(N-(2-(1-PYRROLIDINYL)ETHYL)GLYCYL)PHENOTHIAZINE see: SP4750000
10-(2-(1-PYRROLIDINYL)ETHYL)PHENOTHIAZINE see: SP4725000
3-(2-(1-PYRROLIDINYL)ETHYL)SYDNONE MONOHYDROCHLORIDE see: WU7694200
5-(m-(1-PYRROLIDINYLMETHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE see: HO1008000
5-(o-(1-PYRROLIDINYLMETHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE see: HO1008010
5-(p-(1-PYRROLIDINYLMETHYL)BENZOYL)-10,11-DIHYDRO-5H-DIBENZ(b,f)AZEPINE HYDROCHLORIDE see: HO1008020
3-(1-PYRROLIDINYLMETHYL)(1,1'-BIPHENYL)-4-OL see: DV7670000 (1,1'-BIPHENYL)-4-OL, 3-(1-PYRROLIDINYLMETHYL)-
2-((1-PYRROLIDINYL)METHYL)-3a,12b-DIHYDRODIBENZ(2,3:6,7)OXEPINO(4,5-d)-1,3-DIOXOLE see: HQ4236100
2-(1-PYRROLIDINYLMETHYL)-4,5,6,7-TETRAHYDRO-1-INDANONE HYDROCHLORIDE see: NK7539600
6-((p-(1-PYRROLIDINYL)PHENYL)AZO)BENZOTHIAZOLE see: DL6120000
10-(N-(3-(1-PYRROLIDINYL)PROPYL)GLYCYL)PHENOTHIAZINE DIMALEATE see: SP5077000
17-((3-(1-PYRROLIDINYL)PROPYL)IMINO)ANDROST-5-EN-3-OL 3-ACETATE see: BV8355000
3-(2-PYRROLIDINYL)PYRIDINE see: QS6405000
4-(1-PYRROLIDINYL)-1-(2,4,6-TRIMETHOXYPHENYL)-1-BUTANONE HYDROCHLORIDE see: EL9900000
PYRROLIDON (German) see: UY5715000
PYRROLIDONE see: UY5715000
alpha-PYRROLIDONE see: UY5715000
2-PYRROLIDONE see: UY5715000
2-PYRROLIDONEACETAMIDE see: UX9660500
PYRROLIDONE CARBOXYLATE de MAGNESIUM HYDRATE (French) see: UY0685000
10-(2-(1-PYRROLIDYL)ETHYL)PHENOTHIAZINE see: SP4725000
10-(2-(1-PYRROLIDYL)ETHYL)PHENOTHIAZINE HYDROCHLORIDE see: SP4900000

UY7340000 1-PYRROLINE-2-ACRYLAMIDE
UPDT:8309 MW: 374.37 MOLFM: C7-H10-N2O
SYN: CYCLAMIDOMYCIN * DESDANINE * PYRACRYMYCIN-A
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:240 mg/kg 85GDA2 5,80,81
* ipr-mus LD50:150 mg/kg 85GDA2 5,80,81
* scu-mus LD50:150 mg/kg 85GDA2 5,80,81
* ivn-mus LD50:125 mg/kg 85GDA2 5,80,81

UY7352650 2-PYRROLINECARBOXAMIDE, N-(1-CARBAMOYLBUTYL)-1-((2-CHLOROETHYL)NITROSOCARBAMOYL)-, L-
UPDT:8305 MW: 347.85 MOLFM: C13-H22-Cl-N5-O4
SYN: L-N-(1-CARBAMOYLBUTYL)-1-((2-CHLOROETHYL)NITROSOCARBAMOYL)-2-PYRROLIDINECARBOXAMIDE * N-(CHLORO-2 ETHYL)N-NITROSOCARBAMOYL L-PROLYL L-LEUCINAMIDE (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:260 mg/kg EJMCA5 17,383,82

UY7353000 1-PYRROLINE, 2-((2-(DIETHYLAMINO)ETHYL)AMINO)-5-METHYL-4-PHENYL-4-PROPYL-
UPDT:8402 CAS: 74332-91-5 MW: 329.57 MOLFM: C20-H33-N4
SYN: 2-((2-(DIETHYLAMINO)ETHYL)AMINO)-5-METHYL-4-PHENYL-4-PROPYL-1-PYRROLINE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:300 mg/kg EJMCA5 13,161,78

UY7357250 1-PYRROLINE, 3,3-DIPHENYL-2-ETHYL-
UPDT:8303 MW: 249.36 MOLFM: C18-H19-N
SYN: 3,3-DIPHENYL-2-ETHYL-1-PYRROLINE
TOXICITY DATA AND REFERENCES:
3A11F19F25 ipr-rat LD50:335 mg/kg AIPTAK 115,332,58
3A11F19F25 ivn-rat LD50:42 mg/kg AIPTAK 115,332,58
3A11F19F25 orl-mus LD50:1350 mg/kg AIPTAK 115,332,58
3A11F19F25 ipr-mus LD50:118 mg/kg AIPTAK 115,332,58
3A11F19F25 ivn-mus LD50:57 mg/kg AIPTAK 115,332,58

UY7357260 1-PYRROLINE, 3,3-DIPHENYL-2-METHYL-
UPDT:8303 MW: 235.35 MOLFM: C17-H17-N
SYN: 3,3-DIPHENYL-2-METHYL-1-PYRROLINE
TOXICITY DATA AND REFERENCES:
3A11F19F25 ipr-rat LD50:310 mg/kg AIPTAK 115,332,58
3A11F19F25 orl-mus LD50:560 mg/kg AIPTAK 115,332,58
3A11F19F25 ivn-mus LD50:47 mg/kg AIPTAK 115,332,58

UY7360000 3-PYRROLINE, N-NITROSO-
UPDT:8401 CAS: 10552-94-0 MW: 98.12 MOLFM: C4-H6-N2-O
SYN: 2,5-DIHYDRO-1-NITROSO-1H-PYRROLE * NITROSO-3-PYRROLIN (German) * N-NITROSO-3-PYRROLINE
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate MUREAV 51,319,78
mma-esc 2500 mg/L MUREAV 89,35,81
TUMORIGENIC DATA AND REFERENCES:
3V03K09L60 orl-rat TDLo:2700 mg/kg/60W-I ZKKOBW 77,257,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY7380000 3-PYRROLINE, 1-(2-(3,4,5-TRIMETHOXYPHENYL)ETHYL)-, HYDROCHLORIDE
UPDT:8312 CAS: 62028-47-1 MW: 299.83 MOLFM: C15-H21-N-O3 .Cl-H
SYN: 1H-PYRROLE, 2,5-DIHYDRO-1-(2-(3,4,5-TRIMETHOXYPHENYL)ETHYL)-, HYDROCHLORIDE (10CI) * 1-(2-(3,4,5-TRIMETHOXYPHENYL)ETHYL)-3-PYRROLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:346 mg/kg JPMSAE 65,1479,76

UY7425000 3-PYRROLIN-2-ONE, 3-ACETYL-5-sec-BUTYL-4-HYDROXY-
UPDT:8309 CAS: 610-88-8 MW: 197.26 MOLFM: C10-H15-N-O3
SYN: 2H-PYRROL-2-ONE, 3-ACETYL-1,5-DIHYDRO-4-HYDROXY-5-(1-METHYLPROPYL)- * TENUAZONIC ACID * L-TENUAZONIC ACID * VIVOTOXIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:225 mg/kg 85GDA2 5,65,81
* ipr-mus LD50:81 mg/kg EVHPAZ 4,87,73
* scu-mus LD50:145 mg/kg 85GDA2 5,65,81
* ivn-mus LD50:125 mg/kg 85GDA2 5,65,81

UY7530000 3-PYRROLIN-2-ONE, 1-ACETYL-5-ETHYLIDENE-3-HEXANOYL-4-HYDROXYL-
UPDT:8309 MW: 265.34 MOLFM: C14-H19-N-O4
SYN: 1-ACETYL-5-ETHYLIDENE-3-HEXANOYL-4-HYDROXYL-3-PYRROLIN-2-ONE * MAGNESIDIN-A
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg 85GDA2 5,66,81

UY7530100 3-PYRROLIN-2-ONE, 1-ACETYL-5-ETHYLIDENE-4-HYDROXY-3-OCTANOYL-
UPDT:8309 MW: 293.40 MOLFM: C16-H23-N-O4
SYN: 1-ACETYL-5-ETHYLIDENE-4-HYDROXY-3-OCTANOYL-3-PYRROLIN-2-ONE * MAGNESIDIN-B
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:50 mg/kg 85GDA2 5,66,81

UY7625500 3-PYRROLIN-2-ONE, 4-HYDROXY-3-(4-METHYL-6-(1,2,7-TRIMETHYL-5-OXO-3,9,10- TRIOXATRICYCLO(4.3.1.0(sup 2,4))DEC-8-YL)-2,4-HEPTADIENOYL)-, (E,E)-
UPDT:8309 CAS: 34429-70-4 MW: 417.50 MOLFM: C22-H27-N-O7
SYN: TIRANDAMYCIN * TIRANDAMYCIN A
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:370 mg/kg 85GDA2 5,69,81
1H-PYRROLIZINE-7-METHANOL, 2,3-DIHYDRO-1-HYDROXY-, (R)- see: VH7260000

UY8350000 1H-PYRROLIZINE-7-METHANOL, 2,3-DIHYDRO-1-HYDROXY-, (S)-
UPDT:8403 CAS: 26400-24-8 MW: 153.20 MOLFM: C8-H11-N-O2
SYN: DEHYDROHELIOTRIDINE * HELIOTRIDINE, 3,8-DIDEHYDRO-
MUTATION DATA AND REFERENCES:
dni-mus:kdy 5 mg/L CBINA8 4,421,71/72
dnd-dom:kdy 10 mg/L CBINA8 10,133,75
dns-dom:kdy 10 umol/L CBINA8 13,243,76
dni-dom:kdy 40 mg/L CBINA8 10,133,75
oms-dom:kdy 10 mg/L CBINA8 10,133,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T41T43T46 ipr-rat TDLo:40 mg/kg (14D preg) JPTLAS 131,339,80
1T35 ipr-rat TDLo:60 mg/kg (14D preg) JPTLAS 131,339,80
1T31 ipr-rat TDLo:30 mg/kg (14D preg) JPTLAS 131,339,80
1T34 ipr-rat TDLo:40 mg/kg (14D preg) JPTLAS 131,339,80
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:92 mg/kg CBINA8 12,299,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1H-PYRROLIZINE-1-METHANOL, HEXAHYDRO-7-HYDROXY-, BIS(3-METHYLCROTONATE) see: EM9253350 2-BUTENOIC ACID, 3-METHYL-, HEXAHYDRO-7-(((3-METHYL-1-OXO-2-BUTENYL)OXY)METHYL)-1H- PYRROLIZIN-1-YL ESTER, (1R-(1-alpha,7-alpha,7a-beta)-
1H-PYRROLIZINE-7-METHANOL, 2,3,5,7a-beta-TETRAHYDRO-1-alpha-HYDROXY- see: VH7175000

UY8407000 1H-PYRROLIZINE-7-METHANOL, 2,3,5,7a-TETRAHYDRO-1-HYDROXY-, HYDROCHLORIDE, (1S-cis)-
UPDT:8402 CAS: 15342-56-0 MW: 191.68 MOLFM: C8-H13-N-O2 .Cl-H
SYN: HELIOTRIDINE HYDROCHLORIDE * (1S-cis)-2,3,5,7a-TETRAHYDRO-1-HYDROXY-1H-PYRROLIZINE-7-METHANOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3H30J16P01 ipr-rat LD50:1200 mg/kg FRBGAT 9,142,68

UY8419200 1H-PYRROLIZINIUM, HEXAHYDRO-4-(2-BROMOETHYL)-1-METHYL-, BROMIDE, (1S-(1-alpha,7a-beta))-
UPDT:8408 CAS: 60198-91-6 MW: 313.12 MOLFM: C10-H19-Br-N .Br
SYN: N-(2'-BROMOETHYL)HELIOTRIDANE BROMIDE * (1S-(1-alpha,7a-beta))-HEXAHYDRO-4-(2-BROMOETHYL)-1-METHYL-1H-PYRROLIZINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
3F12F19J25 ipr-mus LD50:9800 ug/kg IJEBA6 15,1001,77

UY8419300 1H-PYRROLIZINIUM, HEXAHYDRO-4-(2-BROMOETHYL)-1-METHYLENE-, CHLORIDE
UPDT:8408 CAS: 66513-69-7 MW: 266.64 MOLFM: C10-H17-Br-N .Cl
SYN: N-(2'-BROMOETHYL)-1-METHYLENEPYRROLIZIDINE CHLORIDE * HEXAHYDRO-4-(2-BROMOETHYL)-1-METHYLENE-1H-PYRROLIZINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F19J25 ipr-mus LD50:8560 ug/kg IJEBA6 15,1001,77

UY8419400 1H-PYRROLIZINIUM, HEXAHYDRO-4-(2-CHLOROETHYL)-1-METHYL-, CHLORIDE, (1S-(1-alpha,7a-beta))-
UPDT:8408 CAS: 60198-90-5 MW: 224.20 MOLFM: C10-H19-Cl-N .Cl
SYN: N-(2'-CHLOROETHYL)HELIOTRIDANE CHLORIDE * (1S-(1-alpha,7a-beta))-HEXAHYDRO-4-(2-CHLOROETHYL)-1-METHYL-1H-PYRROLIZINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F19J25 ipr-mus LD50:8120 ug/kg IJEBA6 15,1001,77

UY8419500 1H-PYRROLIZINIUM, HEXAHYDRO-4-(2-CHLOROETHYL)-1-METHYLENE-, CHLORIDE
UPDT:8408 CAS: 66513-68-6 MW: 222.18 MOLFM: C10-H17-Cl-N Cl
SYN: N-(2'-CHLOROETHYL)-1-METHYLENEPYRROLIZIDINE CHLORIDE * HEXAHYDRO-4-(2-CHLOROETHYL)-1-METHYLENE-1H-PYRROLIZINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F19J25 ipr-mus LD50:11560 ug/kg IJEBA6 15,1001,77

UY8419600 1H-PYRROLIZINIUM, HEXAHYDRO-4-(CHLOROMETHYL)-1-METHYLENE-, CHLORIDE
UPDT:8408 MW: 208.15 MOLFM: C9-H15-Cl-N Cl
SYN: N-(2'-CHLOROMETHYL)-1-METHYLENEPYRROLIZIDINE CHLORIDE * HEXAHYDRO-4-(CHLOROMETHYL)-1-METHYLENE-1H-PYRROLIZINIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F19J25 ipr-mus LD50:12570 ug/kg IJEBA6 15,1001,77

UY8420000 1H-PYRROLIZINIUM, HEXAHYDRO-4-HEXYL-1-METHYLENE-, BROMIDE, (S)-
UPDT:8403 CAS: 54800-65-6 MW: 288.32 MOLFM: C14-H26-N Br
SYN: N-HEXYL BROMIDE of 1-METHYLENEPYRROLIZIDINE * (S)-4-HEXYL-1-METHYLENEHEXAHYDRO-1H-PYRROLIZINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:19 mg/kg IJPAAO 36,90,74

UY8420100 1H-PYRROLIZINIUM, HEXAHYDRO-4-ISOPROPYL-1-METHYLENE-, BROMIDE
UPDT:8408 CAS: 62934-58-1 MW: 246.23 MOLFM: C11-H20-N Br
SYN: HEXAHYDRO-4-ISOPROPYL-1-METHYLENE-1H-PYRROLIZINIUM BROMIDE * ISOPROPYL BROMIDE of 1-METHYLENEPYRROLIZIDINE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:74 mg/kg IJEBA6 15,220,77

UY8420200 1H-PYRROLIZINIUM, HEXAHYDRO-4-ISOPROPYL-1-METHYLENE-, BROMIDE, (S)-
UPDT:8403 CAS: 54774-51-5 MW: 246.23 MOLFM: C11-H20-N Br
SYN: N-ISOPROPYL BROMIDE of 1-METHYLENEPYRROLIZIDINE * (S)-4-ISOPROPYL-1-METHYLENEHEXAHYDRO-1H-PYRROLIZINIUM BROMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:14 mg/kg IJPAAO 36,90,74

UY8427300 1H-PYRROLIZIN-1-beta-OL, 7-(CHLOROMETHYL)-
UPDT:8402 MW: 175.68 MOLFM: C8-H14-Cl-N-O
SYN: 7-(CHLOROMETHYL)-1H-PYRROLIZIN-1-beta-OL
TOXICITY DATA AND REFERENCES:
3H30J16P01 ipr-rat LD50:165 mg/kg FRBGAT 9,142,68

UY8427340 1H-PYRROLIZIN-1-OL, 2,3-DIHYDRO-
UPDT:8405 MW: 123.17 MOLFM: C7-H9-N-O
SYN: 1-HYDROXY-1,2-DIHYDRO-3H-PYRROLIZINE
MUTATION DATA AND REFERENCES:
oms-rat:lvr 20 umol/L CBINA8 30,325,80

UY8427400 1H-PYRROLIZIN-1-beta-OL, HEXAHYDRO-7-METHYLENE-
UPDT:8402 MW: 139.22 MOLFM: C8-H13-N-O
SYN: HEXAHYDRO-7-METHYLENE-1H-PYRROLIZIN-1-beta-OL * 7-beta-HYDROXY-1-METHYLENE-8-beta-PYRROLIZIDINE
TOXICITY DATA AND REFERENCES:
3H30J16P01 ipr-rat LD50:700 mg/kg FRBGAT 9,142,68

PYRROLNITRIN see: UX9450000

UY8429000 1H-PYRROLO(2,1-c)(1,4)BENZODIAZEPINE-2-ACRYLAMIDE, 5,10,11,11a-TETRAHYDRO-9,11-DIHYDROXY-8- METHYL-5-OXO, (E)-
UPDT:8411 CAS: 4803-27-4 MW: 315.36 MOLFM: C16-H17-N3-O4
SYN: ANTHRAMYCIN * ANTRAMYCIN
MUTATION DATA AND REFERENCES:
pic-esc 60 ng/plate CNREA8 43,2819,83
mmo-smc 50 mg/L CNREA8 38,2795,78
mrc-smc 50 mg/L CNREA8 38,2795,78
mmo-eug 60 mg/L NEOLA4 19,579,72
dni-eug 60 mg/L NEOLA4 19,579,72
dnd-hmn:fbr 10 umol/L JBCHA3 254,605,79
dns-hmn:fbr 200 umol/L JBCHA3 254,605,79
dnd-mam:lym 400 umol/L BBACAQ 475,521,77
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:650 ug/kg TOLED5 18,337,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

UY8429500 1H-PYRROLO(2,1-c)(1,4)BENZODIAZEPINE-2-ACRYLAMIDE, 5,10,11,11a-TETRAHYDRO-9-HYDROXY- 11-METHOXY-8-METHYL-5-OXO-, (E)-, MONOHYDRATE
UPDT:8412 CAS: 5544-25-2 MW: 347.41 MOLFM: C17-H19-N3-O4 H2-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3400 ug/kg 15MBAH -,303,64
* ipr-mus LD50:1200 ug/kg 15MBAH -,303,64
* scu-mus LD50:2900 ug/kg 15MBAH -,303,64

UY8495000 5H-PYRROLO(2,1-c)(1,4)BENZODIAZEPIN-5-ONE, 7-((4,6-DIDEOXY-3-(METHYL-4-(METHYLAMINO)-beta- D-ALTROPYRANOSYL)OXY)-10,11-DIHYDRO-9,11-DIHYDROXY-8-METHYL-2-(1-PROPENYL)-
UPDT:8411 CAS: 12684-33-2 MW: 473.58 MOLFM: C24-H31-N3-O7
SYN: SIBIROMYCIN * SYBIROMYCIN
MUTATION DATA AND REFERENCES:
dnd-mam:lym 400 umol/L BBACAQ 475,521,77
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:459 mg/kg 85GDA2 5,185,81
ipr-mus LD50:50 ug/kg JANTAJ 29,981,76
* scu-mus LD50:84 mg/kg 85GDA2 5,185,81
* ivn-mus LD50:58 mg/kg 85GDA2 5,185,81

UY8533000 5H-PYRROLO(2,1-c)(1,4)BENZODIAZEPIN-5-ONE, 2-ETHYLIDENE-1,2,3,10,11,11a-HEXAHYDRO-8-HYDROXY- 7,11-DIMETHOXY-
UPDT:8411 CAS: 35050-55-6 MW: 304.38 MOLFM: C16-H20-N2-O4
SYN: TOMAYMYCIN
MUTATION DATA AND REFERENCES:
dnd-mam:lym 400 umol/L BBACAQ 475,521,77
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 mg/kg TOLED5 18,337,83
* scu-mus LD50:7400 ug/kg 85GDA2 5,186,81
* ivn-mus LD50:3540 ug/kg 85GDA2 5,186,81

UY8534000 5H-PYRROLO(2,1-c)(1,4)BENZODIAZEPIN-5-ONE, 2-ETHYLIDENE-1,2,3,10,11,11a-HEXAHYDRO-8-HYDROXY- 7-METHOXY-, (S)-
UPDT:8407 MW: 304.38 MOLFM: C16-H20-N2-O4
SYN: TOMAYMYCIN
MUTATION DATA AND REFERENCES:
pic-esc 100 ng/plate CNREA8 43,2819,83

UY8545900 5H-PYRROLO(2,1-c)(1,4)BENZODIAZEPIN-5-ONE, 1,2,3,11a-TETRAHYDRO 3,8-DIHYDROXY-7-METHOXY-, (3S-cis)-
UPDT:8309 MW: 262.29 MOLFM: C13-H14-N2-O4
SYN: NEOTHRAMYCIN A
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:6 mg/kg 85GDA2 5,189,81
* ivn-mus LD50:5 mg/kg 85GDA2 5,189,81

UY8546000 5H-PYRROLO(2,1-c)(1,4)BENZODIAZEPIN-5-ONE, 1,2,3,11a-TETRAHYDRO-3,8-DIHYDROXY-7-METHOXY-, (3S-trans)-
UPDT:8309 CAS: 59593-16-7 MW: 271.27 MOLFM: C13-H14-N2-O4 1/2H2-O
SYN: ANTIBIOTIC MC-916-A * MC-916-A * NEOTHRAMYCIN A
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:15 mg/kg 85GDA2 5,188,81
* ivn-mus LD50:5 mg/kg 85GDA2 5,188,81

UY8549000 PYRROLO(3,4-e)(1,4)DIAZEPIN-2(1H)-ONE, 3,7-DIHYDRO-7-BUTYL-6-METHYL-5-PHENYL-
UPDT:8310 CAS: 57435-94-6 MW: 295.42 MOLFM: C18-H21-N3-O
SYN: 7-BUTYL-3,7-DIHYDRO-6-METHYL-5-PHENYLPYRROLO(3,4-e)(1,4)DIAZEPIN-2(1H)-ONE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:200 mg/kg EJMCA5 11,217,76

UY8585000 PYRROLO(2,3-b)INDOLE, 1,2,3,3a,8,8a-HEXAHYDRO-5-HYDROXY-1,3a,8-TRIMETHYL-, METHYLCARBAMATE (ester), (3aS-cis)-, SULFATE (2:1)
UPDT:8303 CAS: 64-47-1 MW: 546.84 MOLFM: C30-H42-N6-O4 O4-S
SYN: ESERINE SULFATE * ESERINE SULPHATE * PHYSOSTIGMINE SO4 * PHYSOSTIGMINE SULFATE * PHYSOSTIGMINE SULPHATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T46T53T73 par-mus TDLo:200 ug/kg (8D preg) JPMSAE 62,1626,73
1T34 par-mus TDLo:200 ug/kg (9D preg) JPMSAE 62,1626,73
TOXICITY DATA AND REFERENCES:
3F08K13K30 scu-man TDLo:191 ng/kg AEXPBL 53,313,05
orl-mus LD50:1680 mg/kg 27ZQAG -,137,72
ipr-mus LD50:510 mg/kg ATXKA8 29,39,72
scu-mus LD50:860 ug/kg 27ZQAG -,137,72
* ivn-mus LD50:170 ug/kg CSLNX* NX#03167
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY8587000 9H-PYRROLO(1',2':2,3)ISOINDOLO(4,5,6-cd)INDOL-9-ONE, 10-ACETYL-2,6,6a,7,11a,11b-HEXAHYDRO- 11-HYDROXY-7,7-DIMETHYL-, (6a-alpha,11a,11b-alpha)-
UPDT:8412 CAS: 18172-33-3 MW: 336.42 MOLFM: C20-H20-N2-O3
SYN: CYCLOPIAZONIC ACID * alpha-CYCLOPIAZONIC ACID
MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate AEMIDF 47,1355,84
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 unk-rat TDLo:20 mg/kg (12-15D preg) TOXID9 4,84,84
TOXICITY DATA AND REFERENCES:
orl-rat LD50:36 mg/kg TXAPA9 18,114,71
ipr-rat LD50:2 mg/kg TXAPA9 18,114,71
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRROLOMYCIN A see: UX9459000
PYRROLOMYCIN B see: SK9200000
2H-PYRROL-2-ONE, 3-ACETYL-1,5-DIHYDRO-4-HYDROXY-5-(1-METHYLPROPYL)- see: UY7425000

UY8708500 1H,10H-PYRROLO(1,2-c)PURINE-10,10-DIOL, 2,6-DIAMINO-4-(((AMINO-CARBONYL)OXY)METHYL)- 3a,4,8,9-TETRAHYDRO-, (3aS-(3a-alpha,4-alpha,10aR*))
UPDT:8408 CAS: 35523-89-8 MW: 299.34 MOLFM: C10-H17-N7-O4
SYN: SAXITOXIN * SAXITOXIN HYDRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:5 ug/kg BIBUDZ 7,151,80
* scu-mus LDLo:16500 ng/kg TOXID9 4,13,84
ivn-mus LD50:8 mg/kg TOXIA6 7,315,69

UY8708800 PYRROLO(1,2-a)PYRAZINE-1,4-DIONE, HEXAHYDRO-3-ISOBUTYL-, stereoisomer
UPDT:8310 CAS: 2873-36-1 MW: 210.31 MOLFM: C11-H18-N2-O2
SYN: CYCLO-L-LEU-L-PRO * GANCIDIN W * PYRROLO(1,2-a)PYRAZINE-1,4-DIONE, HEXAHYDRO-3-(2-METHYLPROPYL)-, (3S-trans)- (9CI)
TOXICITY DATA AND REFERENCES:
1V16 ivn-mus LD50:80 mg/kg 85ERAY 2,1354,78

PYRROLO(1,2-a)PYRAZINE-1,4-DIONE, HEXAHYDRO-3-(2-METHYLPROPYL)-, (3S-trans)- (9CI) see: UY8708800

UY8730000 1H-PYRROLO(3,2-c)PYRIDINE-7-CARBONITRILE, 1-BENZYL-6-(3-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)-, MONOHYDROCHLORIDE
UPDT:8403 MW: 400.95 MOLFM: C21-H24-N4-O2 Cl-H
SYN: 1-BENZYL-6-(3'-ISOPROPYLAMINO-2'-HYDROXYPROPOXY)-7-CYANO-5-AZAINDOLE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:16 mg/kg PCJOAU 16,838,82

UY8760000 1H-PYRROLO(3,2-c)PYRIDINE-7-CARBONITRILE, 2,3-DIHYDRO-1-BENZYL-6-(2-HYDROXY-3- (ISOPROPYLAMINO)PROPOXY)-, DIHYDROCHLORIDE
UPDT:8403 MW: 439.43 MOLFM: C21-H26-N4-O2 2Cl-H
SYN: 1-BENZYL-6-(3'-ISOPROPYLAMINO-2'-HYDROXYPROPOXY)-7-CYANO-5-AZAINDOLINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:60 mg/kg PCJOAU 16,838,82

UY8782000 1H-PYRROLO(3,2-c)PYRIDINE-7-CARBONITRILE, 2,3-DIHYDRO-6-(2-HYDROXY-3-(ISOPROPYLAMINO) PROPOXY)-, DIHYDROCHLORIDE
UPDT:8403 MW: 349.30 MOLFM: C14-H20-N4-O2 2Cl-H
SYN: 6-(3'-ISOPROPYLAMINO-2'-HYDROXYPROPOXY)-7-CYANO-5-AZAINDOLINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg PCJOAU 16,838,82

UY8783000 1H-PYRROLO(3,2-c)PYRIDINE-7-CARBONITRILE, 2,3-DIHYDRO-6-(2-HYDROXY-3-(ISOPROPYLAMINO) PROPOXY)-1-METHYL-, DIHYDROCHLORIDE
UPDT:8403 MW: 363.33 MOLFM: C15-H22-N4-O2 2Cl-H
SYN: 1-METHYL-6-(3'-ISOPROPYLAMINO-2'-HYDROXYPROPOXY)-7-CYANO-5-AZAINDOLINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:65 mg/kg PCJOAU 16,838,82

1H-PYRROLO(2,3-b)PYRIDINE-3-PROPANOIC ACID, alpha-AMINO- (9CI) see: UY8810000

UY8810000 1H-PYRROLO(2,3-b)PYRIDINE-3-PROPIONIC ACID, alpha-AMINO-
UPDT:8402 CAS: 1137-00-4 MW: 205.24 MOLFM: C10-H11-N3-O2
SYN: alpha-AMINO-1H-PYRROLO(2,3-b)PYRIDINE-3-PROPIONIC ACID * AZATRYPTOPHAN * 7-AZATRYPTOPHAN * 1H-PYRROLO(2,3-b)PYRIDINE-3-PROPANOIC ACID, alpha-AMINO- (9CI)
MUTATION DATA AND REFERENCES:
mmo-omi 100 mg/L MUREAV 12,349,71

UY8830000 5H-PYRROLO(3,2-d)PYRIMIDIN-4-AMINE, N-BUTYL-
UPDT:8402 MW: 190.28 MOLFM: C10-H14-N4
SYN: 4-n-BUTYLAMINOPYRROLO(3,2-d)PYRIMIDINE * N-BUTYL-5H-PYRROLO(3,2-d)PYRIMIDIN-4-AMINE
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD10:67 mg/kg PCJOAU 16,834,82

UY8838000 5H-PYRROLO(3,2-d)PYRIMIDIN-4-AMINE, N-(p-METHOXYPHENYL)-
UPDT:8402 MW: 240.29 MOLFM: C13-H12-N4-O
SYN: 4-p-METHOXYPHENYLAMINOPYRROLO(3,2-d)PYRIMIDINE * N-(p-METHOXYPHENYL)-5H-PYRROLO(3,2-d)PYRIMIDIN-4-AMINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD10:333 mg/kg PCJOAU 16,834,82

UY8842000 5H-PYRROLO(3,2-d)PYRIMIDIN-4-AMINE, N-PHENYL-
UPDT:8402 MW: 210.26 MOLFM: C12-H10-N4
SYN: 4-PHENYLAMINOPYRROLO(3,2-d)PYRIMIDINE * N-PHENYL-5H-PYRROLO(3,2-d)PYRIMIDIN-4-AMINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD10:400 mg/kg PCJOAU 16,834,82

BEST [illegible]

UY8860000 7H-PYRROLO(3,2-d)PYRIMIDINE, 4-AMINO-7-beta-D-ARABINOFURANOSYL-
UPDT 8311 MW: 267.30 MOLFM: C11-H15-N4-O4
SYN: 4-AMINO-7-beta-D-ARABINOFURANOSYL-7H-PYRROLO(3,2-d)PYRIMIDINE * 9-DEAZAADENOSINE

MUTATION DATA AND REFERENCES:

	dni-hmn:oth 2500 nmol/L	PAACA3 24,294,83
	oms-hmn:oth 2500 nmol/L	PAACA3 24,294,83
	dni-hmn:oth 10 umol/L	PAACA3 24,306,83

UY8870000 7H-PYRROLO(2,3-d)PYRIMIDINE, 4-AMINO-7-beta-D-RIBOFURANOSYL-
UPDT 8405 CAS: 69-33-0 MW: 266.29 MOLFM: C11-H14-N4-O4
SYN: 4-AMINO-7-beta-D-RIBOFURANOSYL-7H-PYRROLO(2,3-d)PYRIMIDINE * 7-DEAZAADENOSINE * NSC 56408 * 4-AMINO-7-(beta-D-RIBOFURANOSYL)-PYRROLO(2,3-d)PYRIMIDINE * 7-beta-D-RIBOFURANOSYL-7H-PYRROLO(2,3-d)PYRIMIDINE-4-AMINE * SPARSOMYCIN A * TUBERCIDIN * U-10071

MUTATION DATA AND REFERENCES:

	dlt-mus-ipr 500 ug/kg	MUREAV 54,226,78

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:16 mg/kg	CNREA8 29,116,69
	ipr-rat LD50:1 mg/kg	CNREA8 29,116,69
	ipr-mus LD50:6 mg/kg	UPJOH* 2,-,71
*	ivn-mus LD50:45 mg/kg	JAJAAA 10,201,57
	orl-dog LDLo:48 mg/kg	CNREA8 29,116,69
	ivn-dog LDLo:48 mg/kg	CNREA8 29,116,69

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY8925000 7H-PYRROLO(2,3-d)PYRIMIDINE, 4-(BENZYLAMINO)-2-METHYL-
UPDT 8305 CAS: 1866-43-9 MW: 238.32 MOLFM: C14-H14-N4
SYN: 4-(BENZYLAMINO)-2-METHYL-7H-PYRROLO(2,3-d)PYRIMIDINE * BW 58-271 * 2-METHYL-4-BENZYLAMINO-PYRROLO (2,3d)PYRIMIDINE * ROLODIN * ROLODINE

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:88 mg/kg	27ZQAG -,297,72
	ipr-mus LD50:24 mg/kg	27ZQAG -,297,72

UY9100000 7H-PYRROLO(2,3-d)PYRIMIDINE-5-CARBONITRILE, 4-AMINO-7-beta-D-RIBOFURANOSYL-
UPDT 8312 CAS: 606-58-6 MW: 291.30 MOLFM: C12-H13-N5-O4
SYN: AHYGROSCOPIN B * 4-AMINO-5-CYANO-7-(D-RIBOFURANOSYL)-7H-PYRROLO(2,3-d)PYRIMIDINE * 4-AMINO-7-beta-D-RIBOFURANOSYL-7H-PYRROLO(2,3-d)PYRIMIDINE-5-CARBONITRILE * ANTIBIOTIC 1037 * ANTIBIOTIC A 399-Y4 * ANTIBIOTIC E212 * A 399-Y4 * CYANOTUBERCIDIN * E 212 * E-212-1 * NARITHERACIN * NSC 63701 * SIROMYCIN * TOYOCAMYCIN * TOYOCAMYCIN NUCLEOSIDE * UNAMYCIN B * URAMYCIN B * VENGICIDE

MUTATION DATA AND REFERENCES:

	dnd-esc 50 umol/L	MUREAV 89,95,81
	oms-ckn:emb 100 ug/L	CNREA8 29,1707,69

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:8 mg/kg	85FZAT -,805,67
*	ipr-mus LD50:20 mg/kg	85GDA2 5,315,81
*	scu-mus LD50:10 mg/kg	85ERAY 2,1087,78
*	ivn-mus LD50:1500 ug/kg	85GDA2 5,318,81

UY9454000 PYRROLO(2,1-b)QUINAZOLIN-3-OL, 1,2,3,9-TETRAHYDRO-
UPDT 8400 CAS: 6159-55-3 MW: 188.23 MOLFM: C11-H10-N2-O
SYN: VASICIN (German) * VASICINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27	ipr-gpg TDLo:150 mg/kg (56-60D preg)	IJEBA6 16,1075,78

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:640 mg/kg	ARZNAD 13,474,63
	ipr-rat LD50:115 mg/kg	ARZNAD 13,474,63
	scu-rat LD50:335 mg/kg	ARZNAD 13,474,63
	orl-mus LD50:290 mg/kg	ARZNAD 13,474,63
*	ipr-mus LD50:79 mg/kg	IJMRAQ 66,680,77
	scu-mus LD50:200 mg/kg	ARZNAD 13,474,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UY9465000 PYRROLO(2,1-b)QUINAZOLIN-9(1H)-ONE, 2,3-DIHYDRO-3-HYDROXY-MONOHYDROCHLORIDE
UPDT 8402 CAS: 80039-73-2 MW: 238.69 MOLFM: C11-H10-N2-O2 Cl-H
SYN: 2,3-DIHYDRO-3-HYDROXYPYRROLO(2,1-b)QUINAZOLIN-9(1H)-ONE HYDROCHLORIDE * VASICINONE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1100 mg/kg	DDIPD8 8,833,82
*	ipr-mus LD50:520 mg/kg	DDIPD8 8,833,82
*	ivn-mus LD50:440 mg/kg	DDIPD8 8,833,82

PYRROLYLENE see: EI9275000
7-(((2-PYRROLYL)METHYL)AMINO)-ACTINOMYCIN D see: AU1625000
(p-(1-PYRROLYL)PHENYL)ACETIC ACID see: AJ3855000
N-((p-(1-PYRROLYL)PHENYL)ACETYL)GLYCINE see: MC1089000
2-(p-(1-PYRROLYL)PHENYL)-N-(2-THIAZOLYL)ACETAMIDE see: AC8070000
3-PYRROL-2-YLPYRIDINE see: UT7875000
PYRROMELLITIC ACID DIANHYDRIDE see: DB9280000 1,2,4,5-BENZENETETRACARBOXYLIC ACID, 1,2: 3,4-DIANHYDRIDE
PYRRO(b)MONAZOLE see: NI3325000
PYRROXATE see: AM4375000

UZ0640000 PYRULARIA PUBERA Michx., seed extract
UPDT 8405

TOXICITY DATA AND REFERENCES:

3D16F19J22	ipr-rat LD50:92 mg/kg	JAPMA8 44,247,55

UZ0650000 PYRUS COMMUNIS Linn., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 12,512,74)
UPDT 8302
SYN: NASHPATI EXTRACT

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:375 mg/kg	IJEBA6 12,512,74

UZ0660000 PYRUS CUSPIDATA Bertol., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 12,512,74)
UPDT 8302

TOXICITY DATA AND REFERENCES:

1M10	ipr-mus LD50:750 mg/kg	IJEBA6 12,512,74

UZ0700000 PYRUVALDEHYDE
UPDT 8305 CAS: 78-98-8 MW: 72.07 MOLFM: C3-H4-O2
SYN: ACETYLFORMALDEHYDE * ACETYLFORMYL * GLYOXAL, METHYL * 1-KETOPROPIONALDEHYDE * METHYLGLYOXAL * 2-OXOPROPANAL * PROPANEDIONE * PROPANOLONE * PROPIONALDEHYDE, 2-KETO * PROPIONALDEHYDE, 2-OXO- * PYRORACEMIC ALDEHYDE * PYRUVIC ALDEHYDE

IRRITATION DATA AND REFERENCES:

	eye-rbt 403 mg	AJOPAA 29,1363,46

MUTATION DATA AND REFERENCES:

	mma-sat 20 ug/plate	GANNA2 73,681,82
	mma-sat 40 ug/plate	GANNA2 73,681,82
	dni-gpg:oth 1 umol/L	CBINA8 38,339,82
	oms-gpg:oth 1 umol/L	CBINA8 38,339,82

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1165 mg/kg	EESADV 2,369,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UZ0710000 PYRUVALDEHYDE, complex with ASCORBATE (1:1)
UPDT 8402
SYN: METHYL GLYOXAL-ASCORBATE ADDUCT (1:1) * NFCR 278021

MUTATION DATA AND REFERENCES:

	dni-gpg:oth 920 umol/L	CBINA8 31,73,80

UZ0780000 PYRUVAMIDE, N-(7,13-DIHYDROXY-1,4,10,19-TETRAMETHYL-17,18-DIOXO-16-OXABICYCLO(13.2.2) NONADECA-3,5,9,11-TETRAEN-2-YL)-, (all-E)-(1S,2R,7S,13S,15R,19R)-(-)-
UPDT 8309 CAS: 23623-31-6 MW: 459.59 MOLFM: C25-H33-N-O7
SYN: ANTIBIOTIC T-2636 C * BUNDLIN A * LANKACIDIN * LANKACIDIN C

TOXICITY DATA AND REFERENCES:

*	orl-mus LDLo:500 mg/kg	85FZAT -,184,67
	ipr-mus LD50:2000 mg/kg	JANTAJ 26,647,73

UZ0800000 PYRUVAMIDE, N-(7,13-DIHYDROXY-1,4,10,19-TETRAMETHYL-17,18-DIOXO-16-OXABICYCLO(13.2.2) NONADECA-3,5,9,11-TETRAEN-2-YL)-, 13-ACETATE, (all-E)-(1S,2R,7S,13S,15R,19R)-(-)-
UPDT 8309 CAS: 23477-98-7 MW: 501.63 MOLFM: C27-H35-N-O8
SYN: ANTIBIOTIC T-2636 A * ANTIBIOTIC T-2636 C 14-ACETATE * BUNDLIN B * LANKACIDIN A * LANKACIDIN C 14-ACETATE

TOXICITY DATA AND REFERENCES:

3U01K30P20	ipr-mus LD50:6000 mg/kg	JANTAJ 26,647,73

UZ1000000 PYRUVIC ACID, p-HYDROXYPHENYL-
UPDT 8401 CAS: 156-39-8 MW: 180.17 MOLFM: C9-H8-O4
SYN: p-HYDROXYPHENYLPYRUVIC ACID

TUMORIGENIC DATA AND REFERENCES:

2V03M60	scu-mus TDLo:1600 mg/kg/8W-I	VOONAW 22(6),47,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

PYRUVIC ALDEHYDE see: UZ0700000

UZ1053000 PYRUVONITRILE, O-BENZYLOXIME
UPDT 8407 CAS: 10388-98-4 MW: 174.22 MOLFM: C10-H10-N2-O

TOXICITY DATA AND REFERENCES:

*	unk-mam LD50:50 mg/kg	JPMSAE 56,307,67

PYRVINIUM EMBONATE see: VC3543500
PYRVINIUM 4,4'-METHYLENEBIS(3-HYDROXYNAPHTHALENE-2-CARBOXYLATE) see: VC3543500
PYRVINIUM PAMOATE see: VC3543500

UZ1370000 PYRYLIUM, 2,4,6-TRIPHENYL-, TETRAFLUOROBORATE(1-)
UPDT 8403 CAS: 448-61-3 MW: 396.21 MOLFM: C23-H17-O B-F4
SYN: 2,4,6-TRIPHENYLPYRYLIUM FLUOROBORATE * 2,4,6-TRIPHENYLPYRYLIUM TETRAFLUOROBORATE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:56 mg/kg	CSLNX* NX#02142

PYSOCOCCINE see: WO8400000
PZ 1511 see: DW1015100
PZO see: SG0690000
Q(sub 1) see: TN4721900 PIPERIDINIUM, 1-(2-((8-CHLORO-2-METHYL-4-QUINOLINYL)OXY)ETHYL)-1-METHYL-, IODIDE
Q(sub 8) see: QF3060000 MORPHOLINIUM, 4-(2-((2,8-DIMETHYL-4-QUINOLINYL)OXY)ETHYL)-4-METHYL-
6Q8 see: TH7350000
Q-137 see: KH5790000
QB-1 see: VC8424000
QBH see: DH6125000
QCB see: DA6640000
QDO see: DK4900000
QIDAMP see: XH8350000
QIDMYCIN see: KF5790000
QIDPEN G see: XH9700000
QIDPEN VK see: XH9275000
QIDTET see: QI9100000
QIKRON see: DC7875000
QINGHAOSU (Chinese) see: KD4170000
QING HAU SAU (Chinese) see: KD4170000
Q-LOID A 30 see: BD1200000
QO THFA see: LU2450000
QSAH 7 see: KV0350000
QSAN 7 see: KV0350000
QUAALUDE see: VA3850000
QUACHILITY see: LX8450100
QUADRACYCLINE see: QI9100000
QUADRATIC ACID see: GU1800000
QUADROL see: UB5604000
QUADRONAL see: AM4375000
QUADRONE see: KJ4625000
QUADROSILAN see: GZ4390000
QUAMAQUIL see: UB9275000
QUAMONIUM see: BQ7875000
QUANAME see: TZ0175000
QUANANE see: TZ0175000
QUANIL see: TZ0175000
QUANTALAN see: FZ9310000
QUANTRIL see: DK1575000
QUANTROVANIL see: CU6125000
QUANTRYL see: DK1575000
QUARTHOLITE see: BO7525000
QUARTOLAN see: BO7525000
QUARTZ GLASS see: VV7320000
QUATERNARIO CPC see: UU4900000
QUATERNARY AMMONIUM COMPOUNDS, ALKYLBENZYLDIMETHYL, CHLORIDES see: BO3150000
QUATERNARY AMMONIUM COMPOUNDS, TRIMETHYLTALLOW ALKYL-, CHLORIDE see: BT2670000
QUATERNIUM-1 see: BO3150000
QUATERNIUM 13 see: BT2677000
QUATERNIUM-17 see: BP5425000
QUATERNOL 1 see: BO7000000
QUATRACHLOR see: BO7175000
QUATREX see: QI9100000
QUAZEPAM see: DE9710000
QUAZO PURO (Italian) see: VV7330000
QUEBRACHIN see: ZG1000000
QUEBRACHINE see: ZG1000000
QUEBRACHITOL PENTANITRATE (DOT) see: NM7538700
QUEBRACHOL see: WJ2600000

UZ3400000 QUEBRACHO TANNIN
UPDT 8401
SYN: SCHINOPSIS LORENTZII TANNIN * TANNIN from QUEBRACHO

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-rat TDLo:350 mg/kg/12W-I	BJCAAI 14,147,60
3V03L60V10	scu-mus TDLo:750 mg/kg/12W-I	BJCAAI 14,147,60

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QUECKSILBER (German) see: OV4550000
QUECKSILBER CHLORID (German) see: OV9100000
QUECKSILBER(I)-CHLORID (German) see: OV8750000
QUECKSILBER CHLORUER (German) see: OV8750000
QUEL see: UV9280000
QUELETOX see: TF9625000
QUELICIN see: GA2360000
QUELICIN CHLORIDE see: GA2360000
QUELLADA see: GV4900000
QUEMICETINA see: AB6825000
QUEN see: DF1400000
QUERCETIN see: LK8750000
QUERCETIN ACETATE see: LK8985000
QUERCETIN, 3-(6-O-(6-DEOXY-alpha-L-MANNOPYRANOSYL-beta-D-GLUCOPYRANOSIDE) see: VM2975000
QUERCETIN DIHYDRATE see: LK8950000
QUERCETIN, DIHYDRO- see: LK6920000
QUERCETINE see: LK8750000
QUERCETIN-3-GALACTOSIDE see: DJ3009200
QUERCETIN-3-O-GALACTOSIDE see: DJ3009200
QUERCETIN PENTAACETATE see: LK8985000
QUERCETIN 3-RHAMNOGLUCOSIDE see: VM2975000
QUERCETIN RHAMNOGLUCOSINE see: VM2975000
QUERCETIN, 3-(6-O-alpha-L-RHAMNOPYRANOSYL-beta-D-GLUCOPYRANOSIDE) see: VM2975000
QUERCETIN 3-RUTINOSIDE see: VM2975000
QUERCETOL see: LK8750000
QUERCITIN see: LK8750000
QUERCUS AEGILOPS L. TANNIN see: YW0305000
QUERCUS FALCATA *AGODAEFOLIA see: FM3005000

UZ6250000 QUERCUS INCANA Roxb., stem bark extract
DEF:Indian plant belonging to the family FAGACEAE (IJEBA6 6,232,68)
UPDT:8302
SYN: BANJH STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:75 mg/kg IJEBA6 6,232,68

UZ6255000 QUERCUS PANDURATA, leaf and stem extract
DEF:Indian plant belonging to the family FAGACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

UZ6260000 QUERCUS SEMICARPIFOLIA Sm., stem bark extract
DEF:Indian plant belonging to the family FAGACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: KHARSOO STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:175 mg/kg IJEBA6 7,250,69

QUERTINE see: LK8750000
QUESTEX see: AH5075000
QUESTEX 4 see: AH5075000
QUESTIOMYCIN A see: SP7695000
QUESTRAN see: FZ9310000
QUETIMID see: TI4375000
QUETINIL see: DF1575000
QUIACTIN see: MN8050000
QUIATRIL see: DF1575000
QUICK see: NK5335000
QUICKLIME see: EW3100000
QUICKLIME (DOT) see: EW3100000
QUICKPHOS see: BD1400000
QUICKSAN see: OV6475000
QUICKSAN 20 see: OV6475000
QUICKSET EXTRA see: EL9450000
QUICKSET SUPER see: EL9450000
QUICK SILVER see: OV4550000
QUIDE see: OB4200000
QUIESCIN see: ZG0350000
QUIETAL see: CQ1050000
QUIETALUM see: CQ1050000
QUIETIDON see: TZ0175000
QUIETOPLEX see: TI4375000
QUIEVITA see: DF1575000
QUILAN see: XU4550000
QUI-LEA see: RC8948000
QUILIBREX see: DF1400000
QUILONUM RETARD see: OJ5800000
QUIMAR see: GC3050000
QUIMOTRASE see: GC3050000
QUINACHLOR see: VB2360000
QUINACRINE see: AR7700000
QUINACRINE DIHYDROCHLORIDE see: AR7875000
QUINACRINE DIHYDROCHLORIDE DIHYDRATE see: AR7876000
QUINACRINE ETHYL M/2 see: AR8050000
QUINACRINE ETHYL MUSTARD see: AR7525000
QUINACRINE HYDROCHLORIDE see: AR7875000
QUINACRINE HYDROCHLORIDE DIHYDRATE see: AR7876000
QUINACRINE MUSTARD see: AR7570000
QUINACRINE MUSTARD see: AR7580000
QUINACRINE MUSTARD DIHYDROCHLORIDE see: AR7580000
QUINACTINE see: AR7700000
QUINAGAMIN see: VB2360000
QUINAGAMINE see: VB2360000
QUINALBARBITAL see: CP9450000
QUINALBARBITONE see: CP9450000
QUINALBARBITONE SODIUM see: CP9800000

UZ9275000 QUINALDIC ACID, 4,8-DIHYDROXY-
UPDT:8401 CAS: 59-00-7 MW: 205.18 MOLFM: C10-H7-N-O4
SYN: 4,8-DIHYDROXYQUINALDIC ACID * 4,8-DIHYDROXYQUINALDINIC ACID * 4,8-DIHYDROXYQUINOLINE-2-CARBOXYLIC ACID * XANTHURENIC ACID * XANTHURIC ACID
TUMORIGENIC DATA AND REFERENCES:
2V02M60 imp-mus TDLo:160 mg/kg ANYAA9 108,924,63
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UZ9450000 QUINALDIC ACID, 8-HYDROXY-
UPDT:8401 CAS: 1571-30-8 MW: 189.18 MOLFM: C10-H7-N-O3
SYN: 8-HYDROXYQUINALDIC ACID
TUMORIGENIC DATA AND REFERENCES:
2V02M60 imp-mus TDLo:160 mg/kg ANYAA9 108,924,63
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UZ9550000 QUINALDIC ACID, 4-HYDROXY-8-METHOXY-
UPDT:8401 CAS: 2929-14-8 MW: 219.21 MOLFM: C11-H9-N-O4
SYN: 4-HYDROXY-8-METHOXYQUINALDIC ACID * 8-METHOXY-4-HYDROXYQUINOLINE-2-CARBOXYLIC ACID * 8-METHYL ETHER of XANTHURENIC ACID * XANTHURENIC ACID-8-METHYL ETHER
TUMORIGENIC DATA AND REFERENCES:
3V01P62R60 scu-mus TDLo:5280 mg/kg/44W-I CNREA8 28,183,68
2V02M60 imp-mus TDLo:89 mg/kg BJCAAI 11,212,57
2V03M60 imp-mus TD :80 mg/kg BJCAAI 11,212,57
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UZ9580000 QUINALDIC ACID, 5-NITRO-
UPDT:8310 CAS: 525-47-3 MW: 218.18 MOLFM: C10-H6-N2-O4
SYN: 5-NITROQUINALDIC ACID * 5-NITROQUINALDINIC ACID * 5-NITRO-2-QUINOLINECARBOXYLIC ACID
MUTATION DATA AND REFERENCES:
mma-sat 10 umol/plate MUREAV 58,11,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

UZ9625000 QUINALDINE
UPDT:8412 CAS: 91-63-4 MW: 143.20 MOLFM: C10-H9-N
SYN: CHINALDINE * 2-METHYLQUINOLINE * QUINOLINE, 2-METHYL-
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
eye-rbt 750 ug open SEV AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1230 mg/kg AMIHBC 4,119,51
* skn-rbt LD50:1870 mg/kg AMIHBC 4,119,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

UZ9800000 QUINALDINE, 5-((p-(DIMETHYLAMINO)PHENYL)AZO)-
UPDT:8401 CAS: 17416-18-1 MW: 290.40 MOLFM: C18-H18-N4
SYN: 5-((p-(DIMETHYLAMINO)PHENYL)AZO)QUINALDINE * 2'-METHYL-5'-(p-DIMETHYLAMINOPHENYLAZO)QUINOLINE * QUINOLINE, 5-((p-(DIMETHYLAMINO)PHENYL)AZO)-2-METHYL-
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:540 mg/kg/30D-C JNCIAM 40,891,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UZ9826000 QUINALDINE, 6,6'-(ETHYLENEDIOXY)BIS(4-AMINO-, DIHYDROCHLORIDE
UPDT:8308 MW: 447.40 MOLFM: C22-H22-N4-O2 .2Cl-H
SYN: BIS-(2-METHYL-4-AMINO-6-QUINOLYLOXY)ETHANE DIHYDROCHLORIDE * 6,6'-(ETHYLENEDIOXY)BIS(4-AMINOQUINALDINE) DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F12J30 orl-mus LD50:1530 mg/kg ANTCAO 2,581,52
2F12J30 ipr-mus LD50:128 mg/kg ANTCAO 2,581,52
2F12J30 scu-mus LD50:130 mg/kg ANTCAO 2,581,52
2F12J30 ivn-mus LD50:12100 ug/kg ANTCAO 2,581,52

UZ9830000 QUINALDINE, 8-NITRO-
UPDT:8310 CAS: 881-07-2 MW: 188.20 MOLFM: C10-H8-N2-O2
SYN: 2-METHYL-8-NITROQUINOLINE * 8-NITROQUINALDINE
MUTATION DATA AND REFERENCES:
mma-sat 20 umol/plate MUREAV 58,11,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

UZ9850000 QUINALDINE, 4-NITRO-, 1-OXIDE
UPDT:8401 CAS: 4831-62-3 MW: 204.20 MOLFM: C10-H8-N2-O3
SYN: 2-METHYL-4-NITROQUINOLINE N-OXIDE * 2-METHYL-4-NITROQUINOLINE-1-OXIDE * 4-NITROQUINALDINE-N-OXIDE * QUINOLINE, 2-METHYL-4-NITRO, 1-OXIDE
MUTATION DATA AND REFERENCES:
pic-esc 25 umol/L NATUAS 198,195,63
cyt-omi 195 umol/L GANNA2 60,155,69
mmo-smc 200 ug/L IGSBAL 85,127,72
dns-hmn:fbr 1 nmol/L/90M IJCNAW 16,284,75
cyt-hmn:lvr 5260 nmol/L JNCIAM 47,367,71
dnd-mus:fbr 10 umol/L CNREA8 35,521,75
dns-ham:oth 500 nmol/L NATUAS 229,416,71
dnd-mam:lym 50 umol/L GANNA2 60,97,69
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:60 mg/kg/10W-I GANNA2 49,33,58
2V03V10 scu-mus TDLo:120 mg/kg/50D-I BCPCA6 16,631,67
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

8-QUINALDINEOXYETHYLMETHYLMORPHOLINIUM see: QF3060000 MORPHOLINIUM, 4-(2-((2,8-DIMETHYL-4-QUINOLINYL)OXY)ETHYL)-4-METHYL-

UZ9900000 QUINALDINE, 6,6'-(TETRAMETHYLENEDIOXY)-BIS(4-AMINO-, DIHYDROCHLORIDE
UPDT:8308 MW: 475.46 MOLFM: C24-H26-N4-O2 .2Cl-H
SYN: BIS-(2-METHYL-4-AMINO-6-QUINOLYLOXY)BUTANE DIHYDROCHLORIDE * 6,6'-(TETRAMETHYLENEDIOXY)-BIS(4-AMINOQUINALDINE) DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F12J30 ivn-mus LD50:10500 ug/kg ANTCAO 2,581,52

VA0350000 QUINALDINIUM, 4-AMINO-1-DODECYL-, ACETATE
UPDT:8403 CAS: 146-37-2 MW: 386.64 MOLFM: C22-H35-N2 .C2-H3-O2
SYN: 4-AMINO-1-DODECYL-2-METHYLQUINOLINIUM ACETATE * 4-AMINO-1-DODECYLQUINALDINIUM ACETATE * N-DODECYL-4-AMINOQUINALDINIUM ACETATE * 1-DODECYL-4-AMINOQUINALDINIUM ACETATE * LAURODIN * LAUROLINIUM ACETATE * QUINALDINIUM, N-DODECYL-4-AMINO-, ACETATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:132 mg/kg 85ESA3 9,707,76
ipr-mus LD50:2 mg/kg JPPMAB 15,129,63
scu-mus LD50:30 mg/kg JPPMAB 15,129,63
ivn-mus LD50:6 mg/kg JPPMAB 15,129.63

VA0600000 QUINALDINIUM, 1,1'-DECAMETHYLENEBIS(4-AMINO-, DIACETATE
UPDT:8406 CAS: 4028-98-2 MW: 574.84 MOLFM: C30-H40-N4 .2C2-H3-O2
SYN: 1,1'-DECAMETHYLENEBIS(4-AMINOQUINALDINIUM ACETATE) * DEQUADIN ACETATE * DEQUALINIUM ACETATE * QUINOLINIUM, 1,1'-(1,10-DECANEDIYL)BIS(4-AMINO-2-METHYL-, DIACETATE (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:2000 mg/kg JPPMAB 8,110,56

VA0700000 QUINALDINIUM, 1,1'-DECAMETHYLENEBIS(4-AMINO-, DICHLORIDE
UPDT:8406 CAS: 522-51-0 MW: 527.64 MOLFM: C30-H40-N4 .2Cl
SYN: BAQD 10 * DECAMETHYLENEBIS(4-AMINOQUINALDINIUM CHLORIDE) * 1,1'-DECAMETHYLENEBIS(4-AMINOQUINALDINIUM CHLORIDE) * 1,10-DECAMETHYLENE-BIS(4-AMINOQUINALDINIUM CHLORIDE) * DECAMINE * DEKADIN * DEKAMIN * DEQUADIN * DEQUADIN CHLORIDE * DEQUALINIUM CHLORIDE * DEQUAVET * EFISOL * EVAZOL * POLYCIDINE * SOROT
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:70 mg/kg 85ESA3 9,381,76
1J30 ivn-mus LD50:1900 ug/kg JPPMAB 8,110,56

VA0705000 QUINALDINIUM, 1,1'-DECAMETHYLENEBIS(4-AMINO-, DIIODIDE
UPDT:8406 CAS: 2019-42-3 MW: 710.54 MOLFM: C30-H40-N4 .2I

SYN: 1,1'-DECAMETHYLENEBIS(4-AMINOQUINALDINIUM IODIDE) * DEQUALINIUM IODIDE * QUINOLINIUM, 1,1'-(1,10-DECANEDIYL)BIS(4-AMINO-2-METHYL-, DIIODIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:21 mg/kg JPPMAB 8,110,56

VA0720000 QUINALDINIUM, 1,1'-DODECAMETHYLENEBIS(4-AMINO-, DIIODIDE
UPDT:8406 MW: 738.60 MOLFM: C32-H44-N4 .2I
SYN: BAQD 12 * 1,1'-DODECAMETHYLENEBIS(4-AMINOQUINALDINIUM IODIDE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:15 mg/kg JPPMAB 8,110,56

QUINALDINIUM, N-DODECYL-4-AMINO-, ACETATE see: VA0350000

VA0744600 QUINALDINIUM, 1,1'-TETRADECAMETHYLENEBIS(4-AMINO-, DIIODIDE
UPDT:8406 MW: 766.66 MOLFM: C34-H48-N4 .2I
SYN: BAQD 14 * 1,1-TETRADECAMETHYLENEBIS(4-AMINOQUINALDINIUM IODIDE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:19 mg/kg JPPMAB 8,110,56

QUINALDINOHYDROXAMIC ACID see: VB1172000 2-QUINOLINECARBOXAMIDE, N-HYDROXY-
QUINALPHOS see: TF6125000
QUINALPHOS-METHYL see: TG0420000
QUINALSPAN see: CP9800000
QUINAMBICIDE see: VC5075000
QUINAPYRAMINE DICHLORIDE see: VC3505000
QUINAPYRAMINE DIMETHOSULFATE see: VC3510000
QUINA-RANA see: LX8450100

VA1350000 QUINAZOLINE, 4-AMINO-6,7-DIMETHOXY-2-(4-(2-FUROYL)PIPERAZIN-1-YL)-, HYDROCHLORIDE
UPDT:8408 CAS: 19237-84-4 MW: 419.91 MOLFM: C19-H21-N5-O4 .Cl-H
SYN: 1-(4-AMINO-6,7-DIMETHOXY-2-QUINAZOLINYL)-4-(2-FURANYLCARBONYL)PIPERAZINE HYDROCHLORIDE * 1-(4-AMINO-6,7-DIMETHOXY-2-QUINAZOLINYL)-4-(2-FUROYL)PIPERAZINE MONOHYDROCHLORIDE * FURAZOSIN HYDROCHLORIDE * 2-(4-(2-FUROYL)PIPERAZIN-1-YL)-4-AMINO-6,7-DIMETHOXYQUINAZOLINE HYDROCHLORIDE * PIPERAZINE, 1-(4-AMINO-6,7-DIMETHOXY-2-QUINAZOLINYL)-4-(2-FUROYL)-, MONOHYDROCHLORIDE * PRAZOSIN HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:14560 mg/kg (26W male) OYYAA2 17,39,79
1T34 orl-rat TDLo:4150 mg/kg (8W male/2W pre-9D preg) OYYAA2 17,57,79
1T35 orl-rat TDLo:300 mg/kg (9-14D preg) OYYAA2 17,57,79
1T75 orl-rat TDLo:8700 mg/kg (14-22D preg/20D post) OYYAA2 17,57,79
1T76 orl-rat TDLo:1450 mg/kg (14-22D preg/20D post) OYYAA2 17,57,79
2T01T23 imp-rat TDLo:30 mg/kg (3D male) JRPFA4 70,643,84
1T35 orl-rbt TDLo:90 mg/kg (9-14D preg) OYYAA2 17,57,79
1T34 orl-rbt TDLo:450 mg/kg (9-14D preg) OYYAA2 17,57,79
TOXICITY DATA AND REFERENCES:
1H02 orl-hmn TDLo:285 ug/kg JAMAAP 238,157,77
* orl-rat LD50:1950 mg/kg NIIRDN 6,688,82
* ipr-rat LD50:102 mg/kg IYKEDH 12,933,81
* scu-rat LD50:3750 mg/kg NIIRDN 6,688,82
* orl-mus LD50:6700 mg/kg NIIRDN 6,688,82
3F07F19U01 ipr-mus LD50:60 mg/kg OYYAA2 17,39,79
* scu-mus LD50:3100 mg/kg NIIRDN 6,688,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VA1350200 QUINAZOLINE, 4-(BENZYL(2-(DIETHYLAMINO)ETHYL)AMINO)-, HYDROCHLORIDE
UPDT:8305 MW: 370.97 MOLFM: C21-H26-N4 .Cl-H
SYN: 4-(BENZYL(2-(DIETHYLAMINO)ETHYL)AMINO)QUINAZOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F07F12J30 ipr-mus LD50:160 mg/kg AIPTAK 123,419,60

VA1350300 QUINAZOLINE, 4-(BENZYL(2-(DIMETHYLAMINO)ETHYL)AMINO)-, HYDROCHLORIDE
UPDT:8305 MW: 342.91 MOLFM: C19-H22-N4 .Cl-H
SYN: 4-(BENZYL(2-(DIMETHYLAMINO)ETHYL)AMINO)QUINAZOLINE HYDROCHLORIDE * N-BENZYL-N',N'-DIMETHYL-4-QUINAZOLYL-ETHYLENEDIAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F07F12J30 ipr-mus LD50:70 mg/kg AIPTAK 123,419,60

VA1351500 QUINAZOLINE, 4-BIS(2-HYDROXYETHYL)AMINO-2-(5-NITRO-2-FURYL)-
UPDT:8401 CAS: 5055-20-9 MW: 344.36 MOLFM: C16-H16-N4-O5
SYN: 4-BIS(2-HYDROXYETHYL)AMINO-2-(5-NITRO-2-FURYL)QUINAZOLINE
TUMORIGENIC DATA AND REFERENCES:
3V01K60R60 orl-rat TDLo:8437 mg/kg/22W-C JNCIAM 57,277,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VA1351700 QUINAZOLINE, 4-BIS(2-HYDROXYETHYL)AMINO-2-(5-NITRO-2-THIENYL)-
UPDT:8401 CAS: 33372-39-3 MW: 360.42 MOLFM: C16-H16-N4-O4-S
SYN: 4-BIS(2-HYDROXYETHYL)AMINO-2-(5-NITRO-2-THIENYL)QUINAZOLINE
MUTATION DATA AND REFERENCES:
mma-sat 1250 ug/plate CNREA8 35,3611,75
TUMORIGENIC DATA AND REFERENCES:
3V01K60R60 orl-rat TDLo:3800 mg/kg/15W-C JNCIAM 57,277,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VA1351900 QUINAZOLINE, 4-((p-BROMOBENZYL)(2-(DIETHYLAMINO)ETHYL)AMINO)-
UPDT:8305 MW: 413.41 MOLFM: C21-H25-Br-N4
SYN: 4-((p-BROMOBENZYL)(2-(DIETHYLAMINO)ETHYL)AMINO)QUINAZOLINE
TOXICITY DATA AND REFERENCES:
3F07F12J30 ipr-mus LD50:180 mg/kg AIPTAK 123,419,60

VA1351950 QUINAZOLINE, 4-((p-BROMOBENZYL)(2-(DIMETHYLAMINO)ETHYL)AMINO)-
UPDT:8305 MW: 385.35 MOLFM: C19-H21-Br-N4
SYN: 4-((p-BROMOBENZYL)(2-(DIMETHYLAMINO)ETHYL)AMINO)QUINAZOLINE
TOXICITY DATA AND REFERENCES:
3F07F12J30 ipr-mus LD50:190 mg/kg AIPTAK 123,419,60

VA1352700 8-QUINAZOLINECARBOXYLIC ACID, 3,4-DIHYDRO-4-OXO-3-(2-PYRIDYL)-2,6,7-TRIMETHYL-
UPDT:8403 CAS: 86542-78-1 MW: 309.35 MOLFM: C17-H15-N3-O3
SYN: 3,4-DIHYDRO-4-OXO-3-(2-PYRIDYL)-2,6,7-TRIMETHYL-8-QUINAZOLINECARBOXYLIC ACID
TOXICITY DATA AND REFERENCES:
2F12F17 ipr-mus LDLo:300 mg/kg JMCMAR 26,1422,83

VA1362000 QUINAZOLINE, 4-((p-CHLOROBENZYL)(2-(DIMETHYLAMINO)ETHYL)AMINO)-
UPDT:8305 MW: 340.89 MOLFM: C19-H21-Cl-N4
SYN: 4-((p-CHLOROBENZYL)(2-(DIMETHYLAMINO)ETHYL)AMINO)QUINAZOLINE
TOXICITY DATA AND REFERENCES:
3F07F12J30 ipr-mus LD50:130 mg/kg AIPTAK 123,419,60

VA1375000 QUINAZOLINE, 4-(2,3-DIHYDROXYPROPYLAMINO)-2-(5-NITRO-2-THIENYL)-
UPDT:8401 MW: 346.39 MOLFM: C15-H14-N4-O4-S
SYN: 4-(2,3-DIHYDROXYPROPYLAMINO)-2-(5-NITRO-2-THIENYL)QUINAZOLINE
MUTATION DATA AND REFERENCES:
mma-sat 1250 ug/plate CNREA8 35,3611,75
TUMORIGENIC DATA AND REFERENCES:
3V01K60R60 orl-rat TDLo:8313 mg/kg/47W-C JNCIAM 57,277,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VA1380500 QUINAZOLINE, 4-((2-(DIMETHYLAMINO)ETHYL)(p-METHOXYBENZYL)AMINO)-
UPDT:8305 MW: 336.48 MOLFM: C20-H24-N4-O
SYN: 4-((2-(DIMETHYLAMINO)ETHYL)(p-METHOXYBENZYL)AMINO)QUINAZOLINE
TOXICITY DATA AND REFERENCES:
3F07F12J30 ipr-mus LD50:100 mg/kg AIPTAK 123,419,60

QUINAZOLINEDIONE see: VA1390000
QUINAZOLINE-2,4-DIONE see: VA1390000
2,4-QUINAZOLINEDIONE see: VA1390000

VA1390000 2,4(1H,3H)-QUINAZOLINEDIONE
UPDT:8310 CAS: 86-96-4 MW: 162.16 MOLFM: C8-H6-N2-O2
SYN: BENZOURACIL * BENZOYLENEUREA * 2,4-DIHYDROXYQUINAZOLINE * 2,4-DIOXOTETRAHYDROQUINAZOLINE * 2-KETO-4-QUINAZOLINONE * QUINAZOLINEDIONE * QUINAZOLINE-2,4-DIONE * 2,4-QUINAZOLINEDIONE * (1H,3H)QUINAZOLINE DIONE-2,4 (French)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-mus TDLo:17400 mg/kg (8D male/21D pre) MPHEAE 15,7,66
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:1200 mg/kg CHTPBA 3,100,68
ipr-mus LD50:1447 mg/kg ARZNAD 12,1204,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(1H,3H)QUINAZOLINE DIONE-2,4 (French) see: VA1390000

VA1393000 5,8-QUINAZOLINEDIONE, 6,7-BIS(1-AZIRIDINYL)-
UPDT:8402 CAS: 87039-52-9 MW: 242.26 MOLFM: C12-H10-N4-O2
SYN: 6,7-BIS(1-AZIRIDINYL)-5,8-QUINAZOLINEDIONE * NSC 346104
MUTATION DATA AND REFERENCES:
mmo-sat 40 umol/L JMCMAR 26,1715,83

VA1395000 2,4(1H,3H)-QUINAZOLINEDIONE, 6-CHLORO-3-(DIMETHYLAMINO)-
UPDT:8311 MW: 239.68 MOLFM: C10-H10-Cl-N3-O2
SYN: 6-CHLORO-3-(DIMETHYLAMINO)-2,4(1H,3H)QUINAZOLINEDIONE
TOXICITY DATA AND REFERENCES:
3F25H02M10 orl-mus LD50:300 mg/kg EJMCA5 18,241,83
3F25H02M10 ipr-mus LD50:375 mg/kg EJMCA5 18,241,83

VA1395300 2,4(1H,3H)-QUINAZOLINEDIONE, 7-CHLORO-3-(DIMETHYLAMINO)-
UPDT:8311 MW: 239.68 MOLFM: C10-H10-Cl-N3-O2
SYN: 7-CHLORO-3-(DIMETHYLAMINO)-2,4-(1H,3H)-QUINAZOLINEDIONE
TOXICITY DATA AND REFERENCES:
3F25H02M10 orl-mus LD50:800 mg/kg EJMCA5 18,241,83
3F25H02M10 ipr-mus LD50:425 mg/kg EJMCA5 18,241,83

VA1396000 2,4(1H,3H)-QUINAZOLINEDIONE, 7-CHLORO-3-(DIMETHYLAMINO)-1-ETHYL-
UPDT:8311 MW: 267.74 MOLFM: C12-H14-Cl-N3-O2
SYN: 7-CHLORO-3-(DIMETHYLAMINO)-1-ETHYL-2,4(1H,3H)-QUINAZOLINEDIONE
TOXICITY DATA AND REFERENCES:
3F25H02M10 orl-mus LD50:400 mg/kg EJMCA5 18,241,83
3F25H02M10 ipr-mus LD50:225 mg/kg EJMCA5 18,241,83

VA1397000 2,4(1H,3H)-QUINAZOLINEDIONE, 7-CHLORO-3-(DIMETHYLAMINO)-1-METHYL-
UPDT:8311 MW: 253.71 MOLFM: C11-H12-Cl-N3-O2
SYN: 7-CHLORO-3-(DIMETHYLAMINO)-1-METHYL-2,4(1H,3H)QUINAZOLINEDIONE
TOXICITY DATA AND REFERENCES:
3F25H02M10 orl-mus LD50:800 mg/kg EJMCA5 18,241,83

VA1398000 2,4(1H,3H)-QUINAZOLINEDIONE, 7-CHLORO-1-METHYL-3-(4-METHYL-1-PIPERAZINYL)-
UPDT:8403 MW: 308.80 MOLFM: C14-H17-Cl-N4-O2
SYN: 7-CHLORO-1-METHYL-3-(4-METHYL-1-PIPERAZINYL)-2,4(1H,3H)-QUINAZOLINEDIONE
TOXICITY DATA AND REFERENCES:
2H02M10 orl-mus LD50:600 mg/kg EJMCA5 18,241,83
2H02M10 par-mus LD50:175 mg/kg EJMCA5 18,241,83

VA1399000 2,4(1H,3H)-QUINAZOLINEDIONE, 7-CHLORO-3-(4-METHYL-1-PIPERAZINYL)-
UPDT:8311 MW: 294.77 MOLFM: C13-H15-Cl-N4-O2
SYN: 7-CHLORO-3-(4-METHYL-1-PIPERAZINYL)-2,4(1H,3H)-QUINAZOLINEDIONE
TOXICITY DATA AND REFERENCES:
3F25H02M10 ipr-mus LD50:500 mg/kg EJMCA5 18,241,83

VA1411100 2,4(1H,3H)-QUINAZOLINEDIONE, 3-(DIMETHYLAMINO)-
UPDT:8311 MW: 205.24 MOLFM: C10-H11-N3-O2
SYN: DIMETHYLAMINO-3 1H,3H QUINAZOLINEDIONE-2,4 (French) * 3-(DIMETHYLAMINO)-2,4(1H,3H)-QUINAZOLINEDIONE
TOXICITY DATA AND REFERENCES:
3F25H02M10 orl-mus LD50:550 mg/kg EJMCA5 18,241,83
3F25H02M10 ipr-mus LD50:250 mg/kg EJMCA5 18,241,83

VA1411150 2,4(1H,3H)-QUINAZOLINEDIONE, 3-(DIMETHYLAMINO)-1-METHYL-
UPDT:8311 MW: 219.27 MOLFM: C11-H13-N3-O2
SYN: DIMETHYLAMINO-3 METHYL-1 1H,3H QUINAZOLIDINEDIONE-2,4 (French) * 3-(DIMETHYLAMINO)-1-METHYL-2,4(1H,3H)-QUINAZOLINEDIONE
TOXICITY DATA AND REFERENCES:
3F25H02M10 orl-mus LD50:325 mg/kg EJMCA5 18,241,83
3F25H02M10 ipr-mus LD50:225 mg/kg EJMCA5 18,241,83

VA1411200 2,4(1H,3H)-QUINAZOLINEDIONE, 3-(2-HYDROXYETHYL)-1-(m-(TRIFLUOROMETHYL)PHENYL)-
UPDT:8408 CAS: 34929-08-3 MW: 350.32 MOLFM: C17-H13-F3-N2-O3
SYN: H-88 * 3-(2-HYDROXYETHYL)-1-(3-(TRIFLUOROMETHYL)PHENYL)-2,4(1H,3H)-QUINAZOLINEDIONE * 1-(m-TRIFLUOROMETHYLPHENYL)-3-(2'-HYDROXYETHYL)QUINAZOLINE-2,4-DIONE * 1-(m-TRIFLUOROMETHYLPHENYL)-3-(2-HYDROXYETHYL)-QUINAZOLINE-2,4(1H,3H)-DIONE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:810 mg/kg DRFUD4 4,201,79
ipr-rat LD50:275 mg/kg DRFUD4 4,201,79
3D17F19J26 orl-mus LD50:630 mg/kg OYYAA2 15,501,78
3D17F19J26 ipr-mus LD50:275 mg/kg OYYAA2 15,501,78
* orl-gpg LD50:320 mg/kg OYYAA2 15,501,78

VA1430000 QUINAZOLINE, 1,5,6,7,8,8a-HEXAHYDRO-2-AMINO-4-METHYL-, MONOACETATE
UPDT:8303 CAS: 19623-23-5 MW: 225.33 MOLFM: C9-H15-N3 .C2-H4-O2
SYN: 2-AMINO-1,5,6,7,8,8a-HEXAHYDRO-4-METHYLQUINAZOLINE ACETATE * 1,5,6,7,7,8,8a-HEXAHYDRO-2-AMINO-4-METHYL-QUINAZOLINE ACETATE * HM-206
TOXICITY DATA AND REFERENCES:
3C08F08F12 ipr-mus LDLo:100 mg/kg AIPTAK 175,193,68

VA1450000 QUINAZOLINE, 4-(2-HYDROXYETHYLAMINO)-2-(5-NITRO-2-THIENYL)-
UPDT:8401 CAS: 33389-36-5 MW: 316.36 MOLFM: C14-H12-N4-O3-S
SYN: 4-(2-HYDROXYETHYLAMINO)-2-(5-NITRO-2-THIENYL)QUINAZOLINE
MUTATION DATA AND REFERENCES:
mma-sat 1250 ug/plate CNREA8 35,3611,75
TUMORIGENIC DATA AND REFERENCES:
3V01K60R60 orl-rat TDLo:13 gm/kg/58W-C JNCIAM 57,277,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VA1465000 QUINAZOLINE, 4-METHOXY-
UPDT:8408 MW: 160.19 MOLFM: C9-H8-N2-O

SYN: 4-METHOXYQUINAZOLINE

TOXICITY DATA AND REFERENCES:

ipr-rat LD50:300 mg/kg CHTPBA 2,202,67

VA1475000 QUINAZOLINE, 4-MORPHOLINO-2-(5-NITRO-2-THIENYL)-

UPDT 8401 CAS: 58139-48-3 MW: 342.40 MOLFM: C16-H14-N4-O3-S

SYN: 4-MORPHOLINO-2-(5-NITRO-2-THIENYL)QUINAZOLINE

MUTATION DATA AND REFERENCES:

mmo-sat 1250 ug/plate CNREA8 35,3611,75

TUMORIGENIC DATA AND REFERENCES:

3V02M61R60 orl-rat TDLo:14 gm/kg/60W-C JNCIAM 57,277,76

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

6-QUINAZOLINESULFONAMIDE, 7-CHLORO-1,2,3,4-TETRAHYDRO-2-METHYL-4-OXO-3-o-TOLYL- see: VA1700000

VA1680000 6-QUINAZOLINESULFONAMIDE, 1,2,3,4-TETRAHYDRO-7-CHLORO-2-ETHYL-4-OXO-, SODIUM SALT

UPDT 8305 MW: 311.74 MOLFM: C10-H11-Cl-N3-O3-S . Na

SYN: AQUAMOX SODIUM * 7-CHLOR-2-AETHYL-1,2,3,4-TETRAHYDRO-4-OXO-6-CHINAZOLINSULFONAMID NATRIUMSALZ (German) * 7-CHLORO-2-ETHYL-1,2,3,4-TETRAHYDRO-4-OXO-QUINAZOLINESULFONAMIDE SODIUM * HYDROMOX SODIUM * QUINETHAZONE SODIUM * QUINETHAZON NATRIUMSALZ (German)

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:185 mg/kg ARZNAD 13,665,63

VA1700000 6-QUINAZOLINESULFONAMIDE, 1,2,3,4-TETRAHYDRO-7-CHLORO-2-METHYL-4-OXO-3-o-TOLYL-

UPDT 8408 CAS: 17560-51-9 MW: 365.86 MOLFM: C16-H16-Cl-N3-O3-S

SYN: 7-CHLORO-1,2,3,4-TETRAHYDRO-2-METHYL-3-(2-METHYLPHENYL)-4-OXO-6-QUINAZOLINESULFONAMIDE * 7-CHLORO-1,2,3,4-TETRAHYDRO-2-METHYL-4-OXO-3-o-TOLYL-6-QUINAZOLINESULFONAMIDE * DIULO * 2-METHYL-3-o-TOLYL-6-SULFAMYL-7-CHLORO-1,2,3,4-TETRAHYDRO-4-QUINAZOLINONE * METENIX * METOLAZONE * 6-QUINAZOLINESULFONAMIDE, 7-CHLORO-1,2,3,4-TETRAHYDRO-2-METHYL-4-OXO-3-o-TOLYL- * SR 720-22 * ZAROXOLYN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T46T53T72 orl-rat TDLo:22 mg/kg (7-17D preg) KSRNAM 12,3394,78

1T31 orl-rat TDLo:2750 mg/kg (7-17D preg) KSRNAM 12,3394,78

1T34 orl-rbt TDLo:130 mg/kg (6-18D preg) KSRNAM 12,3417,78

TOXICITY DATA AND REFERENCES:

3F01F12F23 orl-wmn TDLo:150 ug/kg BMJOAE 1,1381,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VA2170000 QUINAZOLINIUM, 3,4-DIHYDRO-3-(m-BROMOPHENYL)-1-ETHYL-2-METHYL-4-OXO-, PERCHLORATE

UPDT 8306 CAS: 78960-35-7 MW: 443.71 MOLFM: C17-H16-Br-N2-O . Cl-O4

SYN: 3,4-DIHYDRO-3-(m-BROMOPHENYL)-1-ETHYL-2-METHYL-4-OXO-QUINAZOLINIUM PERCHLORATE

TOXICITY DATA AND REFERENCES:

1F02 ipr-mus LD50:1300 mg/kg PCJOAU 15,403,81

VA2171000 QUINAZOLINIUM, 3,4-DIHYDRO-3-(o-BROMOPHENYL)-1-ETHYL-2-METHYL-4-OXO-, PERCHLORATE

UPDT 8306 CAS: 78960-33-5 MW: 443.71 MOLFM: C17-H16-Br-N2-O . Cl-O4

SYN: 3,4-DIHYDRO-3-(o-BROMOPHENYL)-1-ETHYL-2-METHYL-4-OXO-QUINAZOLINIUM PERCHLORATE

TOXICITY DATA AND REFERENCES:

1F02 ipr-mus LD50:1350 mg/kg PCJOAU 15,403,81

VA2175000 QUINAZOLINIUM, 3,4-DIHYDRO-3-(o-CHLOROPHENYL)-1-ETHYL-2-METHYL-4-OXO-, PERCHLORATE

UPDT 8306 CAS: 78960-27-7 MW: 399.25 MOLFM: C17-H16-Cl-N2-O . Cl-O4

SYN: 3,4-DIHYDRO-3-(o-CHLOROPHENYL)-1-ETHYL-2-METHYL-4-OXO-QUINAZOLINIUM PERCHLORATE

TOXICITY DATA AND REFERENCES:

1F02 ipr-mus LD50:1450 mg/kg PCJOAU 15,403,81

VA2176000 QUINAZOLINIUM, 3,4-DIHYDRO-3-(p-CHLOROPHENYL)-1-ETHYL-2-METHYL-4-OXO-, PERCHLORATE

UPDT 8306 CAS: 78960-31-3 MW: 399.25 MOLFM: C17-H16-Cl-N2-O . Cl-O4

SYN: 3,4-DIHYDRO-3-(p-CHLOROPHENYL)-1-ETHYL-2-METHYL-4-OXO-QUINAZOLINIUM PERCHLORATE

TOXICITY DATA AND REFERENCES:

1F02 ipr-mus LD50:845 mg/kg PCJOAU 15,403,81

VA2178000 QUINAZOLINIUM, 3,4-DIHYDRO-1-ETHYL-3-(p-METHOXYPHENYL)-2-METHYL-4-OXO-, PERCHLORATE

UPDT 8306 CAS: 78960-37-9 MW: 394.84 MOLFM: C18-H19-N2-O2 . Cl-O4

SYN: 3,4-DIHYDRO-1-ETHYL-3-(p-METHOXYPHENYL)-2-METHYL-4-OXO-QUINAZOLINIUM PERCHLORATE

TOXICITY DATA AND REFERENCES:

1F02 ipr-mus LD50:900 mg/kg PCJOAU 15,403,81

VA2180000 QUINAZOLINIUM, 3,4-DIHYDRO-1-ETHYL-2-METHYL-4-OXO-3-PHENYL-, PERCHLORATE

UPDT 8306 CAS: 78960-19-7 MW: 364.81 MOLFM: C17-H17-N2-O . Cl-O4

SYN: 3,4-DIHYDRO-1-ETHYL-2-METHYL-4-OXO-3-PHENYLQUINAZOLINIUM PERCHLORATE

TOXICITY DATA AND REFERENCES:

1F02 ipr-mus LD50:1530 mg/kg PCJOAU 15,403,81

VA2181000 QUINAZOLINIUM, 3,4-DIHYDRO-1-ETHYL-2-METHYL-4-OXO-3-(m-TOLYL)-, PERCHLORATE

UPDT 8306 CAS: 78960-23-3 MW: 378.84 MOLFM: C18-H19-N2-O . Cl-O4

SYN: 3,4-DIHYDRO-1-ETHYL-2-METHYL-4-OXO-3-(m-TOLYL)QUINAZOLINIUM PERCHLORATE * QUINAZOLINIUM, 1-ETHYL-3,4-DIHYDRO-2-METHYL-3-(3-METHYLPHENYL)-4-OXO-, PERCHLORATE

TOXICITY DATA AND REFERENCES:

1F02 ipr-mus LD50:800 mg/kg PCJOAU 15,403,81

VA2183000 QUINAZOLINIUM, 3,4-DIHYDRO-1-ETHYL-2-METHYL-4-OXO-3-(o-TOLYL)-, PERCHLORATE

UPDT 8306 CAS: 78960-21-1 MW: 378.84 MOLFM: C18-H19-N2-O . Cl-O4

SYN: 3,4-DIHYDRO-1-ETHYL-2-METHYL-4-OXO-3-(o-TOLYL)QUINAZOLINIUM PERCHLORATE * QUINAZOLINIUM, 1-ETHYL-3,4-DIHYDRO-2-METHYL-3-(2-METHYLPHENYL)-4-OXO-, PERCHLORATE

TOXICITY DATA AND REFERENCES:

1F02 ipr-mus LD50:620 mg/kg PCJOAU 15,403,81

VA2184000 QUINAZOLINIUM, 3,4-DIHYDRO-1-ETHYL-2-METHYL-4-OXO-3-(p-TOLYL)-, PERCHLORATE

UPDT 8306 CAS: 78960-25-5 MW: 378.84 MOLFM: C18-H19-N2-O . Cl-O4

SYN: 3,4-DIHYDRO-1-ETHYL-2-METHYL-4-OXO-3-(p-TOLYL)QUINAZOLINIUM PERCHLORATE * QUINAZOLINIUM, 1-ETHYL-3,4-DIHYDRO-2-METHYL-3-(4-METHYLPHENYL)-4-OXO-, PERCHLORATE

TOXICITY DATA AND REFERENCES:

1F02 ipr-mus LD50:600 mg/kg PCJOAU 15,403,81

QUINAZOLINIUM, 1-ETHYL-3,4-DIHYDRO-2-METHYL-3-(2-METHYLPHENYL)-4-OXO-, PERCHLORATE see: VA2183000

QUINAZOLINIUM, 1-ETHYL-3,4-DIHYDRO-2-METHYL-3-(3-METHYLPHENYL)-4-OXO-, PERCHLORATE see: VA2181000

QUINAZOLINIUM, 1-ETHYL-3,4-DIHYDRO-2-METHYL-3-(4-METHYLPHENYL)-4-OXO-, PERCHLORATE see: VA2184000

VA2200000 4-QUINAZOLINOL, 1,2-DIHYDRO-2-(5-NITROFURYL)-, 3-OXIDE

UPDT 8401 CAS: 17247-77-7 MW: 275.24 MOLFM: C12-H9-N3-O5

SYN: A 33588 * 1,2-DIHYDRO-2-(5'-NITROFURYL)-4-HYDROXY-CHINAZOLIN-3-OXID (German) * 1,2-DIHYDRO-2-(5'-NITROFURYL)-4-HYDROXY-CHINAZOLIN-3-OXIDE * 1,2-DIHYDRO-2-(5'-NITROFURYL)-4-HYDROXY-QUINAZOLINE-3-OXIDE

TUMORIGENIC DATA AND REFERENCES:

2V03M60 orl-rat TDLo:40 gm/kg/26W-C ZKKOBW 79,165,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4(3H)-QUINAZOLINONE, 6-AMINO-2-(FLUOROMETHYL)-3-(2-METHYLPHENYL)- (9CI) see: VA2350000

VA2350000 4(3H)-QUINAZOLINONE, 6-AMINO-2-FLUOROMETHYL-3-(o-TOLYL)-

UPDT 8401 CAS: 56287-74-2 MW: 283.33 MOLFM: C16-H14-F-N3-O

SYN: AFLOQUALONE * 6-AMINO-2-FLUOROMETHYL-3-(o-TOLYL)-4(3H)-QUINAZOLINONE * 4(3H)-QUINAZOLINONE, 6-AMINO-2-(FLUOROMETHYL)-3-(2-METHYLPHENYL)- (9CI)

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:249 mg/kg IYKEDH 14,297,83

* ipr-rat LD50:394 mg/kg IYKEDH 14,297,83

* scu-rat LD50:1090 mg/kg IYKEDH 14,297,83

* orl-mus LD50:397 mg/kg IYKEDH 14,297,83

* ipr-mus LD50:272 mg/kg IYKEDH 14,297,83

* scu-mus LD50:591 mg/kg IYKEDH 14,297,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VA2365900 4(3H)-QUINAZOLINONE, 3-ANILINO-6-IODO-2-(ar,ar-(METHYLENEDIOXY)STYRYL)-

UPDT 8412 MW: 509.32 MOLFM: C23-H16-I-N3-O3

TOXICITY DATA AND REFERENCES:

* ipr-mam LD50:1 gm/kg PHARAT 37,802,82

VA2365950 4(3H)-QUINAZOLINONE, 3-ANILINO-2-(p-METHOXYSTYRYL)-

UPDT 8412 MW: 369.45 MOLFM: C23-H19-N3-O2

TOXICITY DATA AND REFERENCES:

* ipr-mam LD50:1 gm/kg PHARAT 37,802,82

VA2380000 4(3H)-QUINAZOLINONE, 3-BENZYL-2-METHYL-, HYDROCHLORIDE

UPDT 8407 CAS: 3244-93-7 MW: 286.78 MOLFM: C16-H14-N2-O . Cl-H

SYN: CHI 2 * 2-METHYL-3-BENZYLCHINAZOLON-4 HYDROCHLORIDE (German)

TOXICITY DATA AND REFERENCES:

orl-mus LD50:900 mg/kg ABMGAJ 13,591,64

3F11F17F23 par-mus LD50:230 mg/kg PCJOAU 7,626,73

VA2960000 4(3H)-QUINAZOLINONE, 2-((o-CHLOROPHENOXY)METHYL)-3-(2-THIAZOLYL)-

UPDT 8305 MW: 334.39 MOLFM: C18-H12-N3-O2-S

SYN: 2-((o-CHLOROPHENOXY)METHYL)-3-(2-THIAZOLYL)-4(3H)-QUINAZOLINONE

TOXICITY DATA AND REFERENCES:

3F05F07F19 ipr-mus LD50:950 mg/kg INDRBA 17,96,80

VA2976000 4(3H)-QUINAZOLINONE, 3-(p-CHLOROPHENYL)-2-METHYL-

UPDT 8407 MW: 270.73 MOLFM: C15-H11-Cl-N2-O

SYN: B 127 * 2-METHYL-3-(4-CHLOROPHENYL)-4(3H)-QUINAZOLINONE * 2-METHYL-3-(4-CHLORPHENYL)CHINAZOLON-(4) (German)

TOXICITY DATA AND REFERENCES:

orl-mus LD50:580 mg/kg ARZNAD 13,688,63

3F18F23F29 par-mus LD50:400 mg/kg PCJOAU 7,626,73

VA3100000 4(3H)-QUINAZOLINONE, 3-CYCLOHEXYL-2-METHYL-

UPDT 8407 MW: 242.35 MOLFM: C15-H18-N2-O

SYN: 3-CYCLOHEXYL-2-METHYL-4(3H)-QUINAZOLINONE

TOXICITY DATA AND REFERENCES:

3F11F23F29 par-mus LD50:2100 mg/kg PCJOAU 7,626,73

VA3110300 4(3H)-QUINAZOLINONE, 6,8-DIBROMO-2-(o-FLUOROSTYRYL)-3-(p-NITROANILINO)-

UPDT 8412 MW: 560.21 MOLFM: C22-H13-Br2-F-N4-O3

TOXICITY DATA AND REFERENCES:

* ipr-mam LD50:750 mg/kg PHARAT 37,802,82

VA3110700 4(3H)-QUINAZOLINONE, 6,8-DIBROMO-2-((o-METHOXYPHENOXY)METHYL)-3-(2-PYRIDYL)-

UPDT 8305 MW: 505.20 MOLFM: C20-H15-Br2-N3-O3

SYN: 6,8-DIBROMO-2-((o-METHOXYPHENOXY)METHYL)-3-(2-PYRIDYL)-4(3H)-QUINAZOLINONE

TOXICITY DATA AND REFERENCES:

3F05F07F19 ipr-mus LD50:800 mg/kg INDRBA 17,96,80

VA3115080 4(3H)-QUINAZOLINONE, 3-(2-(DIETHYLAMINO)ETHYL)-, DIHYDROBROMIDE

UPDT 8408 CAS: 5455-88-9 MW: 407.20 MOLFM: C14-H19-N3-O . 2Br-H

SYN: 3-(2-(DIETHYLAMINO)ETHYL)-4(3H)-QUINAZOLINONE DIHYDROBROMIDE

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:178 mg/kg CSLNX* NX#00349

VA3116900 4(1H)-QUINAZOLINONE, 2,3-DIHYDRO-3-(p-BROMOPHENYL)-1-(3-CHLOROPROPIONYL)-

UPDT 8402 MW: 393.69 MOLFM: C17-H14-Br-Cl-N2-O2

SYN: 1-(beta-CHLOROPROPIONYL)-3-(4-BROMOPHENYL)-1,2,3,4-TETRAHYDROQUINAZOLIN-4-ONE * 2,3-DIHYDRO-3-(p-BROMOPHENYL)-1-(3-CHLOROPROPIONYL)-4(1H)-QUINAZOLINONE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:1320 mg/kg PCJOAU 16,844,82

VA3117030 4(1H)-QUINAZOLINONE, 2,3-DIHYDRO-3-(p-BROMOPHENYL)-1-(3-MORPHOLINOPROPIONYL)-

UPDT 8402 MW: 444.37 MOLFM: C21-H22-Br-N3-O3

SYN: 2,3-DIHYDRO-3-(p-BROMOPHENYL)-1-(3-MORPHOLINOPROPIONYL)-4(1H)-QUINAZOLINONE * 1-(beta-MORPHOLINOPROPIONYL)-3-(4-BROMOPHENYL)-1,2,3,4-TETRAHYDROQUINAZOLIN-4-ONE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:1300 mg/kg PCJOAU 16,844,82

VA3117050 4(1H)-QUINAZOLINONE, 2,3-DIHYDRO-3-(p-BROMOPHENYL)-1-(3-PIPERIDINOPROPIONYL)-

UPDT 8402 MW: 442.40 MOLFM: C22-H24-Br-N3-O2

SYN: 2,3-DIHYDRO-3-(p-BROMOPHENYL)-1-(3-PIPERIDINOPROPIONYL)-4(1H)-QUINAZOLINONE * 1-(beta-PIPERIDINOPROPIONYL)-3-(4-BROMOPHENYL)-1,2,3,4-TETRAHYDROQUINAZOLIN-4-ONE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:280 mg/kg PCJOAU 16,844,82

VA3117300 4(1H)-QUINAZOLINONE, 2,3-DIHYDRO-7-CHLORO-1-(2-(DIMETHYLAMINO)ETHYL)-2-(2-PYRIDYL)-, HYDROCHLORIDE

UPDT 8408 CAS: 73987-27-6 MW: 367.31 MOLFM: C17-H19-Cl-N4-O . Cl-H

SYN: 7-CHLORO-2,3-DIHYDRO-1-(2-DIMETHYLAMINO)ETHYL)-2-(2-PYRIDYL)-4(1H)-QUINAZOLINONE HCl * 1-DIMETHYLAMINOAETHYL-2-alpha-PYRIDYL-4-OXO-7-CHLORO-1,2,3,4-TETRACHINAZOLIN HCl (German) * HPT 908

TOXICITY DATA AND REFERENCES:

scu-mus LD50:1150 mg/kg ARZNAD 15,613,65

VA3126000 4(3H)-QUINAZOLINONE, 1,2-DIHYDRO-6,8-DIBROMO-2-((2-METHYLPIPERIDINO)METHYL)-3-(o-TOLYL)-

UPDT 8305 MW: 507.32 MOLFM: C22-H25-Br2-N3-O

SYN: 6,8-DIBROMO-2-((2-METHYLPIPERIDINO)METHYL)-3-(o-TOLYL)-1,2-DIHYDRO-4(3H)-QUINAZOLINONE

TOXICITY DATA AND REFERENCES:

2F03F17 ipr-mus LD50:750 mg/kg INDRBA 18,90,80

VA3150000 4(1H)-QUINAZOLINONE, 2,3-DIHYDRO-1-(MORPHOLINOACETYL)-3-PHENYL-

UPDT 8303 CAS: 19395-58-5 MW: 351.44 MOLFM: C20-H21-N3-O3

SYN: MOQUIZONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T76 orl-rat TDLo:960 mg/kg (2-17D preg) ARZNAD 20,1559,70

TOXICITY DATA AND REFERENCES:

orl-rat LD50:2220 mg/kg TXAPA9 16,571,70

ivn-rat LD50:146 mg/kg TXAPA9 16,571,70

3D17J26K01 orl-mus LD50:930 mg/kg JJPAAZ 22,235,72

ipr-mus LD50:559 mg/kg TXAPA9 16,571,70

scu-mus LD50:774 mg/kg TXAPA9 16,571,70

ivn-mus LD50:237 mg/kg TXAPA9 16,571,70

orl-rbt LD50:1730 mg/kg TXAPA9 16,571,70
ivn-rbt LD50:180 mg/kg TXAPA9 16,571,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VA3190000 4(1H)-QUINAZOLINONE, 2,3-DIHYDRO-1-(MORPHOLINOACETYL)-3-PHENYL-, HYDROCHLORIDE
UPDT:8403 CAS:19395-78-9 MW:387.90 MOLFM:C20-H21-N3-O3.Cl-H
SYN: 2,3-DIHYDRO-1-(MORPHOLINOACETYL)-3-PHENYL-4(1H)-QUINAZOLINONE HYDROCHLORIDE * MOQUIZONE HYDROCHLORIDE * 1-MORPHOLINOACETYL-3-PHENYL-2,3-DIHYDRO-4(1H)QUINAZOLINONE HYDROCHLORIDE * PERISTIL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2135 mg/kg MEIEDD 10,896,83
* ivn-rat LD50:146 mg/kg MEIEDD 10,896,83
* orl-mus LD50:115 mg/kg MEIEDD 10,896,83
* ivn-mus LD50:237 mg/kg MEIEDD 10,896,83
ipr-mam LD50:560 mg/kg EJMCA5 9,639,74

VA3230000 4(1H)-QUINAZOLINONE, 2,3-DIHYDRO-2-(1-NAPHTHYL)-
UPDT:8306 CAS:31785-60-1 MW:274.34 MOLFM:C18-H14-N2-O
SYN: 2,3-DIHYDRO-2-(1-NAPHTHYL)-4(1H)-QUINAZOLINONE * NSC-145669 * U-29,409
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T01T23T24 orl-rat TDLo:480 mg/kg (8D male) PSEBAA 137,532,71
1T02 orl-rat TDLo:400 mg/kg (1D male) PSEBAA 137,532,71
1T01 ipr-rat TDLo:200 mg/kg (1D male) PSEBAA 137,532,71
3T01T23T24 scu-rat TDLo:420 mg/kg (21D male) PSEBAA 137,532,71
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:250 mg/kg CCROBU 56,163,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VA3240000 4(3H)-QUINAZOLINONE, 1,2-DIHYDRO-2-(5-NITRO-2-THIENYL)-
UPDT:8401 CAS:33389-33-2 MW:275.30 MOLFM:C12-H9-N3-O3-S
SYN: 1,2-DIHYDRO-2-(5-NITRO-2-THIENYL)QUINAZOLIN-4(3H)-ONE
TUMORIGENIC DATA AND REFERENCES:
3V01M60R60 orl-rat TDLo:13 gm/kg/49W-C JNCIAM 57,277,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VA3314500 4(3H)-QUINAZOLINONE, 2,3-DIMETHYL-
UPDT:8408 CAS:1769-25-1 MW:174.22 MOLFM:C10-H10-N2-O
SYN: 2,3-DIMETHYL-4(3H)-QUINAZOLINONE * DIMETHYLQUINAZOLONE
TOXICITY DATA AND REFERENCES:
2F18F20 ipr-mus LD50:85 mg/kg IJMRAQ 69,1008,79

VA3314700 4(3H)-QUINAZOLINONE, 2-(o-(DIMETHYLAMINO)STYRYL)-3-(p-NITROANILINO)-
UPDT:8412 MW:427.50 MOLFM:C24-H21-N5-O3
TOXICITY DATA AND REFERENCES:
* ipr-mam LD50:1 gm/kg PHARAT 37,802,82

VA3376000 4(3H)-QUINAZOLINONE, 3-(p-ETHOXYPHENYL)-2-METHYL-
UPDT:8407 CAS:1897-96-7 MW:280.35 MOLFM:C17-H16-N2-O2
SYN: LONETHYL * LONETIL * 4(3H)-QUINAZOLINONE, 3-(4-ETHOXYPHENYL)-2-METHYL-
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4800 mg/kg ARTODN (Suppl 1),379,78
* ipr-rat LD50:1900 mg/kg ARTODN (Suppl 1),379,78
1S16 orl-mus LD50:3420 mg/kg ARTODN (Suppl 1),379,78
* ipr-mus LD50:1000 mg/kg ARTODN (Suppl 1),379,78
3F18F23F29 par-mus LD50:3000 mg/kg PCJOAU 7,626,73

4(3H)-QUINAZOLINONE, 3-(4-ETHOXYPHENYL)-2-METHYL- see: VA3376000

VA3379000 4(3H)-QUINAZOLINONE, 3,3'-ETHYLENEBIS(2-METHYL-
UPDT:8407 MW:346.42 MOLFM:C20-H18-N4-O2
SYN: 2-METHYL-3-(2-(3,4-DIHYDRO-2-METHYL-4-OXO-3-QUINAZOLINYL)ETHYL)-4(3H)-QUINAZOLINONE
TOXICITY DATA AND REFERENCES:
3E15F11F17 par-mus LD50:2500 mg/kg PCJOAU 7,626,73

VA3401000 2(1H)-QUINAZOLINONE, 4-(p-FLUOROPHENYL)-1-ISOPROPYL-7-METHYL-
UPDT:8403 MW:296.37 MOLFM:C18-H17-F-N2-O
SYN: 4-(p-FLUOROPHENYL)-1-ISOPROPYL-7-METHYL-2(1H)-QUINAZOLINONE * 4-FLUORPHENYL-1-ISOPROPYL-7-METHYL-2(1H)-CHINAZOLINON (German) * 4-(4-FLUOROPHENYL)-7-METHYL-1-(1-METHYLETHYL)-2(1H)-QUINAZOLINONE * FLUPROQUAZONE * 1-ISOPROPYL-7-METHYL-4-(p-FLUOROPHENYL)-2(1H)-QUINAZOLINONE * RF 46-790 * TORMOSYL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T72 orl-rat TDLo:285 mg/kg (14D pre-21D post) ARZNAD 31,882,81
2T34T46 orl-rat TDLo:500 mg/kg (6-15D preg) ARZNAD 31,882,81
1T76 orl-rat TDLo:1450 mg/kg (15-22D preg/21D post) ARZNAD 31,882,81
1T81 orl-rat TDLo:435 mg/kg (15-22D preg/21D post) ARZNAD 31,882,81
TOXICITY DATA AND REFERENCES:
3J26K08K12 orl-rbt LD50:742 mg/kg ARZNAD 31,882,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VA3402000 4(3H)-QUINAZOLINONE, 3-(2-FLUOROPHENYL)-2-METHYL-
UPDT:8310 MW:254.28 MOLFM:C15-H11-F-N2-O
SYN: B 227 * 2-METHYL-3-(2-FLUORPHENYL)CHINAZOLINONE-(4) (German) * 2-METHYL-3-(2-FLUOROPHENYL)-4(3H)-QUINAZOLINONE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:390 mg/kg ARZNAD 13,688,63

VA3420200 4(3H)-QUINAZOLINONE, 3-FURFURYL-2-METHYL-
UPDT:8407 MW:240.28 MOLFM:C14-H12-N2-O2
SYN: 3-FURFURYL-2-METHYL-4(3H)-QUINAZOLINONE
TOXICITY DATA AND REFERENCES:
3F11F17F23 par-mus LD50:320 mg/kg PCJOAU 7,626,73

VA3420500 4(3H)-QUINAZOLINONE, 3-(2-HYDROXYETHYL)-2-METHYL-
UPDT:8407 MW:204.25 MOLFM:C11-H12-N2-O2
SYN: 3-(2-HYDROXYETHYL)-2-METHYL-4(3H)-QUINAZOLINONE * 2-METHYL-3-(beta-HYDROXYETHYL)-4-QUINAZOLONE
TOXICITY DATA AND REFERENCES:
3F17F18F23 par-mus LD50:800 mg/kg PCJOAU 7,626,73

4(3H)-QUINAZOLINONE, 3-(2-HYDROXYETHYL)-2-METHYL-, (p-CHLOROPHENOXY)ACETATE see: AG0570000
4(3H)-QUINAZOLINONE, 3-(2-HYDROXYETHYL)-2-METHYL-, ISONICOTINATE see: NS2030000
4(3H)-QUINAZOLINONE, 3-(2-HYDROXYETHYL)-2-METHYL-, NICOTINATE see: QT1935000
4(3H)-QUINAZOLINONE, 3-(4-HYDROXY-2-METHYLPHENYL)-2-METHYL- (9CI) see: VA3470000 4(3H)-QUINAZOLINONE, 3-(4-HYDROXY-o-TOLYL)-2-METHYL-

VA3450000 4(3H)-QUINAZOLINONE, 3-(3-(3-HYDROXY-2-PIPERIDINYL)ACETONYL)-
UPDT:8411 CAS:24159-23-7 MW:301.38 MOLFM:C16-H19-N3-O3
SYN: DICHROIN * beta-DICHROINE * FEBRIFUGIN * FEBRIFUGINE * 3-(3-(3-HYDROXY-2-PIPERIDINYL)-2-OXOPROPYL)-4(3H)-QUINAZOLINONE * 3-(3-(3-HYDROXY-2-PIPERIDYL)ACETONYL)-4-(3H)-QUINAZOLINONE * 3-(beta-KETO-gamma-(3-HYDROXY-2-PIPERIDYL)PROPYL)-4-QUINAZOLONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2500 ug/kg MEIEDD 10,569,83

VA3460000 4(3H)-QUINAZOLINONE, 3-(2-HYDROXY-p-TOLYL)-2-METHYL-
UPDT:8408 CAS:36556-91-9 MW:266.32 MOLFM:C16-H14-N2-O2
SYN: 3-(2-HYDROXY-4-METHYLPHENYL)-2-METHYL-4(3H)-QUINAZOLINONE * 2-METHYL-3-(2-HYDROXY-4-METHYLPHENYL)-3,4-DIHYDROQUINAZOLIN-4-ONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:210 mg/kg (1-7D preg) IJMRAQ 60,284,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VA3470000 4(3H)-QUINAZOLINONE, 3-(4-HYDROXY-o-TOLYL)-2-METHYL-
UPDT:8408 CAS:5060-52-6 MW:266.32 MOLFM:C16-H14-N2-O2
SYN: 4'-HYDROXYMETHAQUALONE * 3-(4-HYDROXY-2-METHYLPHENYL)-2-METHYL-4(3H)-QUINAZOLINONE * 2-METHYL-3-(4-HYDROXY-2-METHYLPHENYL)-3,4-DIHYDROQUINAZOLIN-4-ONE * 4(3H)-QUINAZOLINONE, 3-(4-HYDROXY-2-METHYLPHENYL)-2-METHYL- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:210 mg/kg (1-7D preg) IJMRAQ 60,284,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VA3498000 4(3H)-QUINAZOLINONE, 8-IODO-2-((o-METHOXYPHENOXY)METHYL)-3-(2-PYRIDYL)-
UPDT:8305 MW:473.29 MOLFM:C20-H16-I-N3-O3
SYN: 8-IODO-2-((o-METHOXYPHENOXY)METHYL)-3-(2-PYRIDYL)-4(3H)-QUINAZOLINONE
TOXICITY DATA AND REFERENCES:
3F05F07F19 ipr-mus LD50:900 mg/kg INDRBA 17,96,80

VA3525000 4(3H)-QUINAZOLINONE, 3-ISOPROPYL-2-(p-METHOXYPHENYL)-
UPDT:8408 CAS:32700-76-8 MW:294.38 MOLFM:C18-H18-N2-O2
SYN: 2-p-ANISYL-3-ISOPROPYL-3,4-DIHYDROQUINAZOLIN-4-ONE * 3-ISOPROPYL-2-(p-METHOXYPHENYL)-4(3H)-QUINAZOLINONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:210 mg/kg (1-7D preg) IJMRAQ 59,1109,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VA3675500 4(3H)-QUINAZOLINONE, 3-(p-METHOXYPHENYL)-2-METHYL-
UPDT:8407 MW:266.32 MOLFM:C16-H14-N2-O2
SYN: 3-(p-METHOXYPHENYL)-2-METHYL-4(3H)-QUINAZOLINONE
TOXICITY DATA AND REFERENCES:
3F17F23F29 par-mus LD50:600 mg/kg PCJOAU 7,626,73

VA3675600 4(3H)-QUINAZOLINONE, 2-((o-METHOXYPHENOXY)METHYL)-3-(2-THIAZOLYL)-
UPDT:8305 MW:365.43 MOLFM:C19-H15-N3-O3-S
SYN: 2-((o-METHOXYPHENOXY)METHYL)-3-(2-THIAZOLYL)-4(3H)-QUINAZOLINONE
TOXICITY DATA AND REFERENCES:
3F05F07F19 ipr-mus LD50:700 mg/kg INDRBA 17,96,80

VA3676200 4(3H)-QUINAZOLINONE, 3-(4-(p-METHOXYPHENYL)-1-PIPERAZINYLMETHYL)-, DIHYDROCHLORIDE
UPDT:8305 MW:423.38 MOLFM:C20-H22-N4-O2.2Cl-H
SYN: 3-(4-(p-ANISYL)-1-PIPERAZINYLMETHYL)-4(3H)-QUINAZOLINONE DIHYDROCHLORIDE * 3-(4-(p-METHOXYPHENYL)-1-PIPERAZINYLMETHYL)-4(3H)-QUINAZOLINONE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:600 mg/kg IJSIDW 40,44,78

VA3676580 4(3H)-QUINAZOLINONE, 3-(p-METHOXYPHENYL)-2-((((4-(m-TOLYL)-1-PIPERAZINYL)CARBONYL)METHYL) THIO)-
UPDT:8305 MW:500.66 MOLFM:C28-H28-N4-O3-S
TOXICITY DATA AND REFERENCES:
2F02F07 ipr-mus LD50:1000 mg/kg ARZNAD 32,24,82

VA3676590 4(3H)-QUINAZOLINONE, 3-(p-METHOXYPHENYL)-2-((((4-(o-TOLYL)-1-PIPERAZINYL)CARBONYL)METHYL) THIO)-
UPDT:8305 MW:500.66 MOLFM:C28-H28-N4-O3-S
TOXICITY DATA AND REFERENCES:
2F02F07 ipr-mus LD50:1000 mg/kg ARZNAD 32,24,82

VA3677000 4(3H)-QUINAZOLINONE, 2-METHYL-
UPDT:8407 MW:160.19 MOLFM:C9-H8-N2-O
SYN: 2-METHYL-4-QUINAZOLINONE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:859 mg/kg ARZNAD 12,1204,62
ipr-mus LD50:592 mg/kg ARZNAD 12,1204,62
3E15F11F18 par-mus LD50:500 mg/kg PCJOAU 7,626,73

4(3H)-QUINAZOLINONE, 2-METHYL-3-(2-METHYLPHENYL)- see: VA3850000

VA3826500 4(3H)-QUINAZOLINONE, 2-METHYL-3-PHENETHYL-
UPDT:8407 MW:264.35 MOLFM:C17-H16-N2-O
SYN: 2-METHYL-3-PHENETHYL-4(3H)-QUINAZOLINONE
TOXICITY DATA AND REFERENCES:
3F17F18F23 par-mus LD50:500 mg/kg PCJOAU 7,626,73

VA3826700 4(3H)-QUINAZOLINONE, 2-METHYL-3-PHENYL-
UPDT:8407 MW:236.29 MOLFM:C15-H12-N2-O
SYN: 2-METHYL-3-PHENYL-4(3H)-QUINAZOLINONE
TOXICITY DATA AND REFERENCES:
3F11F23F29 par-mus LD50:450 mg/kg PCJOAU 7,626,73
3F11F23F29 unk-mus LD50:450 mg/kg PCJOAU 7,626,73

VA3850000 4(3H)-QUINAZOLINONE, 2-METHYL-3-o-TOLYL-
UPDT:8408 CAS:72-44-6 MW:250.32 MOLFM:C16-H14-N2-O
SYN: CATEUDYL * CITEXAL * CI-705 * CN 38703 * 3,4-DIHYDRO-2-METHYL-4-OXO-3-o-TOLYLQUINAZOLINE * DORMIGOA * DORMOGEN * DORMUTIL * DORSEDIN * FADORMIR * HOLODORM * HYMINAL * HYPCOL * HYPTOR * HYPTOR BASE * IPNOFIL * MAOA * MEQUIN * MELSEDIN BASE * MELSOMIN * METAQUALON * METHAQUALONE * METHAQUALONEINONE * 2-METHYL-3-(2-METHYLPHENYL)-4-QUINAZOLINONE * 2-METHYL-3-(2-METHYLPHENYL)-4(3H)-QUINAZOLINONE * 2-METHYL-3-o-TOLYL-4(3H)-CHINAZOLINON (German) * 2-METHYL-3-o-TOLYL-4(3H)-CHINAZOLONE * (2-METHYL-3-(o-TOLYL)-3,4-DIHYDRO-4-(QUINAZOLINONE) * 2-METHYL-3-TOLYL-4-OXYBENSDIAZINE * 2-METHYL-3-o-TOLYL-4(3H)-QUINAZOLINONE * 2-METHYL-3-o-TOLYL-4-QUINAZOLONE * 2-METHYL-3-(2-TOLYL)QUINAZOL-4-ONE * METOLQUIZOLONE * MOZAMBIN * MOLLINOX * MOTOLON * MTQ * NETHAQUALONE * NOBEDORM * NOCTILENE * NORMINOX * OMNYL * OPTINOXAN * ORTHONAL * ORTONAL * PAREST * PARMINAL * PRO-DORM * QUAALUDE * 4(3H)-QUINAZOLINONE, 2-METHYL-3-(2-METHYLPHENYL)- * QZ 2 * REVONAL * RIC 272 * RORER 148 * ROULONE * ROUQUALONE * SINDESVEL * SOMBEROL * SOMNAFAC * SOMNOMED * SONAL * SOPOR * SOVERIN * TORINAL * TR-495 * TUAZOLE * TUAZOLONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T46T75 orl-rat TDLo:11 gm/kg (3D male/3D pre-22D preg) EXPEAM 19,183,63
2T34T26 scu-rat TDLo:800 mg/kg (8-15D preg) EXPEAM 33,1635,77
2T41T42 scu-rat TDLo:1200 mg/kg (8-15D preg) EXPEAM 33,1635,77
2T46T35 orl-rbt TDLo:900 mg/kg (8-16D preg) TXAPA9 10,244,67
TOXICITY DATA AND REFERENCES:
3F12J30K13 orl-hmn TDLo:57 mg/kg ATXKA8 20,31,63
orl-man LDLo:114 mg/kg ATXKA8 20,31,63
orl-rat LD50:230 mg/kg ARZNAD 17,229,67
ipr-rat LD50:125 mg/kg ARZNAD 17,242,67
orl-mus LD50:420 mg/kg TXAPA9 1,42,59
2F18F20 ipr-mus LD50:180 mg/kg IJMRAQ 69,1008,79
3F11F23F29 par-mus LD50:500 mg/kg PCJOAU 7,626,73
ivn-rbt LD50:100 mg/kg ATXKA8 20,31,63
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PHJOAV 213(5781),159,74; INTEAG 15(1),7,74; CLCHAU 19,361,73; ARVPAX 5,447,65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VA4171800 4(3H)-QUINAZOLINONE, 2-((p-NITROPHENOXY)METHYL)-3-(2-THIAZOLYL)-
UPDT:8305 MW:380.40 MOLFM:C18-H12-N4-O4-S
SYN: 2-((p-NITROPHENOXY)METHYL)-3-(2-THIAZOLYL)-4(3H)-QUINAZOLINONE
TOXICITY DATA AND REFERENCES:
3F05F07F19 ipr-mus LD50:900 mg/kg INDRBA 17,96,80

VA4172010 4(3H)-QUINAZOLINONE, 3-(4-(p-NITROPHENYL)-1-PIPERAZINYLMETHYL)-, DIHYDROCHLORIDE
UPDT:8305 MW: 438.35 MOLFM: C19-H19-N5-O3 .2Cl-H
SYN: 3-(4-(p-NITROPHENYL)-1-PIPERAZINYLMETHYL)-4(3H)-QUINAZOLINONE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:500 mg/kg	IJSIDW 40,44,78

VA4172400 4(3H)-QUINAZOLINONE, 3-(5-NITRO-2-PYRIDYL)-2-(m-CHLOROSTYRYL)-
UPDT:8305 MW: 404.83 MOLFM: C21-H13-Cl-N4-O3
SYN: 3-(5-NITRO-2-PYRIDYL)-2-(m-CHLOROSTYRYL)-4(3H)-QUINAZOLINONE

TOXICITY DATA AND REFERENCES:

1Y08	ipr-rat LD50:500 mg/kg	IJEBA6 19,630,81

VA4172410 4(3H)-QUINAZOLINONE, 3-(5-NITRO-2-PYRIDYL)-2-(o-CHLOROSTYRYL)-
UPDT:8305 MW: 404.83 MOLFM: C21-H13-Cl-N4-O3
SYN: 3-(5-NITRO-2-PYRIDYL)-2-(o-CHLOROSTYRYL)-4(3H)-QUINAZOLINONE

TOXICITY DATA AND REFERENCES:

1Y08	ipr-rat LD50:500 mg/kg	IJEBA6 19,630,81

VA4172420 4(3H)-QUINAZOLINONE, 3-(5-NITRO-2-PYRIDYL)-2-(p-CHLOROSTYRYL)-
UPDT:8305 MW: 439.27 MOLFM: C21-H12-Cl2-N4-O3
SYN: 3-(5-NITRO-2-PYRIDYL)-2-(p-CHLOROSTYRYL)-4(3H)-QUINAZOLINONE

TOXICITY DATA AND REFERENCES:

1Y08	ipr-rat LD50:500 mg/kg	IJEBA6 19,630,81

VA4172500 4(3H)-QUINAZOLINONE, 3-(5-NITRO-2-PYRIDYL)-2-(3,4-DICHLOROSTYRYL)-
UPDT:8305 CAS: 78898-93-8 MW: 439.27 MOLFM: C21-H12-Cl2-N4-O3
SYN: 3-(5-NITRO-2-PYRIDYL)-2-(3,4-DICHLOROSTYRYL)-4(3H)-QUINAZOLINONE

TOXICITY DATA AND REFERENCES:

1Y08	ipr-rat LD50:500 mg/kg	IJEBA6 19,630,81

VA4172600 4(3H)-QUINAZOLINONE, 3-(5-NITRO-2-PYRIDYL)-2-(2,4-DIHYDROXYSTYRYL)-
UPDT:8305 MW: 402.39 MOLFM: C21-H14-N4-O5
SYN: 3-(5-NITRO-2-PYRIDYL)-2-(2,4-DIHYDROXYSTYRYL)-4(3H)-QUINAZOLINONE

TOXICITY DATA AND REFERENCES:

1Y08	ipr-rat LD50:1000 mg/kg	IJEBA6 19,630,81

VA4172800 4(3H)-QUINAZOLINONE, 3-(5-NITRO-2-PYRIDYL)-2-(m-HYDROXYSTYRYL)-
UPDT:8305 MW: 386.39 MOLFM: C21-H14-N4-O4
SYN: 3-(5-NITRO-2-PYRIDYL)-2-(m-HYDROXYSTYRYL)-4(3H)-QUINAZOLINONE

TOXICITY DATA AND REFERENCES:

1Y08	ipr-rat LD50:1000 mg/kg	IJEBA6 19,630,81

VA4172810 4(3H)-QUINAZOLINONE, 3-(5-NITRO-2-PYRIDYL)-2-(o-HYDROXYSTYRYL)-
UPDT:8305 MW: 386.39 MOLFM: C21-H14-N4-O4
SYN: 3-(5-NITRO-2-PYRIDYL)-2-(o-HYDROXYSTYRYL)-4(3H)-QUINAZOLINONE

TOXICITY DATA AND REFERENCES:

1Y08	ipr-rat LD50:1000 mg/kg	IJEBA6 19,630,81

VA4173100 4(3H)-QUINAZOLINONE, 3-(5-NITRO-2-PYRIDYL)-2-(o-METHOXYSTYRYL)-
UPDT:8305 MW: 400.42 MOLFM: C22-H16-N4-O4
SYN: 3-(5-NITRO-2-PYRIDYL)-2-(o-METHOXYSTYRYL)-4(3H)-QUINAZOLINONE

TOXICITY DATA AND REFERENCES:

1Y08	ipr-rat LD50:1000 mg/kg	IJEBA6 19,630,81

VA4173110 4(3H)-QUINAZOLINONE, 3-(5-NITRO-2-PYRIDYL)-2-(p-METHOXYSTYRYL)-
UPDT:8305 MW: 400.42 MOLFM: C22-H16-N4-O4
SYN: 3-(5-NITRO-2-PYRIDYL)-2-(p-METHOXYSTYRYL)-4(3H)-QUINAZOLINONE

TOXICITY DATA AND REFERENCES:

1Y08	ipr-rat LD50:1000 mg/kg	IJEBA6 19,630,81

VA4173200 4(3H)-QUINAZOLINONE, 3-(5-NITRO-2-PYRIDYL)-2-(o-NITROSTYRYL)-
UPDT:8305 MW: 415.39 MOLFM: C21-H13-N5-O5
SYN: 3-(5-NITRO-2-PYRIDYL)-2-(o-NITROSTYRYL)-4(3H)-QUINAZOLINONE

TOXICITY DATA AND REFERENCES:

1Y08	ipr-rat LD50:500 mg/kg	IJEBA6 19,630,81

VA4173500 4(3H)-QUINAZOLINONE, 3-(5-NITRO-2-PYRIDYL)-2-STYRYL-
UPDT:8305 MW: 370.39 MOLFM: C21-H14-N4-O3
SYN: 3-(5-NITRO-2-PYRIDYL)-2-STYRYL-4(3H)-QUINAZOLINONE

TOXICITY DATA AND REFERENCES:

1Y08	ipr-rat LD50:1000 mg/kg	IJEBA6 19,630,81

VA4267000 5H-QUINDOLINE, 5-METHYL-, MONOHYDROCHLORIDE
UPDT:8303 CAS: 72782-09-3 MW: 268.76 MOLFM: C16-H12-N2 .Cl-H
SYN: CRYPTOLEPINE HYDROCHLORIDE * 5-METHYL-5H-QUINDOLINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:75800 ug/kg	DRFUD4 7,466,82

QUINDOXIN see: VD2275000
QUINERCYL see: VB2360000
QUINESTRADIOL see: KG7395000
QUINESTRADOL see: KG7395000
QUINESTRADOLO (Italian) see: KG7395000
QUINESTROL see: RC8948000
QUINETHAZONE SODIUM see: VA1680000
QUINETHAZON NATRIUMSALZ (German) see: VA1680000
QUINEX see: OW9730000
QUINGESTANOL ACETATE see: RC8899900
QUINGFENGMYCIN see: LZ6572500

VA4550000 QUINHYDRONE
UPDT:8403 CAS: 106-34-3 MW: 220.24 MOLFM: C6-H6-O2 .C6-H6-O2
SYN: p-BENZOQUINONE, compd. with HYDROQUINONE * 2,5-CYCLOHEXADIENE-1,4-DIONE compd. with 1,4-BENZENEDIOL (1:1) * GREEN HYDROQUINONE * HYDROQUINONE, compd. with p-BENZOQUINONE

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:225 mg/kg	FEPRA7 8,348,49
	ivn-rat LD50:35 mg/kg	FEPRA7 8,348,49

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

QUINICARDINE see: VA4725000
QUINICARDINE see: VA5950000
QUINICINE OXALATE see: UC2992000
QUINIDATE see: VA5950000
QUINIDEX see: VA4725000
QUINIDEX see: VA5950000

VA4725000 QUINIDINE
UPDT:8403 CAS: 56-54-2 MW: 324.46 MOLFM: C20-H24-N2-O2
SYN: CHINIDIN (German) * CINCHONAN-9-OL, 6'-METHOXY-, (9S)- * CONCHININ * CONQUININE * 6'-METHOXYCINCHONAN-9-OL * alpha-(6-METHOXY-4-QUINOLYL)-5-VINYL-2-QUINUCLIDINEMETHANOL * 6-METHOXY-alpha-(5-VINYL-2-QUINUCLIDINYL)-4-QUINOLINEMETHANOL * NCI-C56246 * PITAYINE * QUINICARDINE * CIN-QUIN * QUINIDEX * (+)-QUINIDINE * beta-QUININE * 2-QUINUCLIDINEMETHANOL, alpha-(6-METHOXY-4-QUINOLYL)-5-VINYL-

IRRITATION DATA AND REFERENCES:

	skn-rbt 3% MLD	AIPTAK 137,410,62

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:263 mg/kg	ARZNAD 27,589,77
	ipr-rat LDLo:174 mg/kg	AEPPAE 205,129,48
	ivn-rat LD50:23 mg/kg	JPETAB 128,22,60
*	orl-mus LD50:535 mg/kg	JPETAB 105,291,52
*	ipr-mus LD50:135 mg/kg	AIPTAK 137,410,62
	scu-mus LDLo:400 mg/kg	AEPPAE 205,129,48
*	ivn-mus LD50:54 mg/kg	JPETAB 105,291,52
	ims-mus LD50:200 mg/kg	27ZIAQ -,232,73

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FNSCA6 2,67,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(+)-QUINIDINE see: VA4725000
alpha-QUINIDINE see: GD2975000
QUINIDINE POLYGALACTURONATE see: LW5950000

VA5950000 QUINIDINE SULFATE (2:1) (SALT)
UPDT:8403 CAS: 50-54-4 MW: 662.74 MOLFM: C40-H24-N2-O2 .H2-O4-S
SYN: CIN-QUIN * QUINICARDINE * QUINIDATE * QUINIDEX * QUINITEX * QUINORA * SYSTODIN

TOXICITY DATA AND REFERENCES:

3F07F11J30	orl-hmn TDLo:9600 mg/kg/8W	JAMAAP 238,884,77
1F08	orl-wmn TDLo:409 gm/kg/14Y	JAMAAP 237,2093,77
3L11L14U25	orl-man TDLo:120 mg/kg/7D	JAMAAP 234,310,75
	orl-rat LD50:456. mg/kg	ARZNAD 18,1127,68
	ipr-rat LDLo:140 mg/kg	TXAPA9 1,156,59
	scu-rat LD50:610 mg/kg	ARZNAD 18,1127,68
	ivn-rat LD50:56 mg/kg	ARZNAD 18,1127,68
	orl-mus LD50:594 mg/kg	JPETAB 102,138,51
1F12	ipr-mus LD50:185 mg/kg	AIPTAK 121,415,59
*	ivn-mus LD50:54 mg/kg	AIPTAK 105,221,56
	ivn-cat LD50:22 mg/kg	AEPPAE 192,639,39

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VA5951000 QUINIDINE, SULFATE, HYDRATE
UPDT:8401 CAS: 50-54-4 MW: 440.56 MOLFM: C20-H24-N2-O2 .H2-O4-S .H2-O

TOXICITY DATA AND REFERENCES:

1C17	ivn-mus LD50:66 mg/kg	AIPTAK 107,335,56

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

QUINILON see: VB2360000

VA6020000 QUININE
UPDT:8407 CAS: 130-95-0 MW: 324.46 MOLFM: C20-H24-N2-O2
SYN: CHININ (German) * CINCHONAN-9-OL, 6'-METHOXY-, (8-alpha,9R)- (9CI) * 6'-METHOXYCINCHONINE * alpha-(6-METHOXY-4-QUINOLYL)-5-VINYL-2-QUINUCLIDINEMETHANOL * (-)-QUININE * 2-QUINUCLIDINEMETHANOL, alpha-(6-METHOXY-4-QUINOLYL)-5-VINYL-

MUTATION DATA AND REFERENCES:

	mmo-sat 100 umol/L	AMACCQ 9,77,76
	dnd-esc 30 umol/L	MUREAV 89,95,81
	dnd-mam:lym 100 umol/L	PMSBA4 2,134,71

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T45T46	orl-wmn TDLo:20 mg/kg (4-5W preg)	MMWOAU 108,2293,66
3T24T27T71	ims-rat TDLo:10 mg/kg (5D preg)	PSEBAA 100,555,59
2T34T41	scu-rbt TDLo:280 mg/kg (7-8D preg)	ARPTAF 20(12),64,58
2T25T35	scu-rbt TDLo:650 mg/kg (4-8D preg)	ARPTAF 20(12),64,58

TOXICITY DATA AND REFERENCES:

3D14D41K13	orl-wmn TDLo:74 mg/kg	AJOPAA 90,403,80
	unk-man LDLo:294 mg/kg	85DCAI 2,73,70
	scu-rat LDLo:200 mg/kg	AEPPAE 205,129,48
	ims-rat LDLo:300 mg/kg	JPETAB 63,122,38
	scu-mus LDLo:200 mg/kg	AEPPAE 205,129,48
	scu-dog LDLo:180 mg/kg	HBAMAK 4,1320,35
	scu-cat LDLo:100 mg/kg	AEPPAE 205,129,48
	orl-rbt LDLo:4000 mg/kg	HBAMAK 4,1320,35
	scu-rbt LDLo:231 mg/kg	HBAMAK 4,1320,35
	ivn-rbt LDLo:70 mg/kg	HBAMAK 4,1320,35
	orl-gpg LD50:1800 mg/kg	SMWOAS 84,351,54
	ims-pgn LDLo:500 mg/kg	HBAMAK 4,1320,35
	orl-frg LDLo:1500 mg/kg	HBAMAK 4,1320,35
	scu-frg LDLo:200 mg/kg	AEPPAE 205,129,48
	ims-frg LDLo:400 mg/kg	HBAMAK 4,1320,35

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BCSTB5 2(4),695,74; PLMJAP 6(1),160,75; CLCHAU 19,361,73; ADVPA3 4,263,66; FNSCA6 2,67,73

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

beta-QUININE see: VA4725000
(-)-QUININE see: VA6020000
QUININE BIMURIATE see: VA6478000
QUININE BISULFATE see: VA8440000
QUININE CHLORIDE see: VA7700000

VA6478000 QUININE, DIHYDROCHLORIDE
UPDT:8408 CAS: 60-93-5 MW: 397.38 MOLFM: C20-H24-N2-O2 .2Cl-H
SYN: ACID QUININE HYDROCHLORIDE * CINCHONAN-9-OL, 6'-METHOXY-, DIHYDROCHLORIDE * QUININE BIMURIATE * (-)-QUININE DIHYDROCHLORIDE

MUTATION DATA AND REFERENCES:

	mmo-sat 2800 nmol/plate	MUREAV 66,33,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

(-)-QUININE DIHYDROCHLORIDE see: VA6478000
QUININE HYDROCHLORIDE see: VA7700000
QUININE HYDROGEN SULFATE see: VA8440000

VA7700000 QUININE, MONOHYDROCHLORIDE
UPDT:8405 CAS: 130-89-2 MW: 360.92 MOLFM: C20-H24-N2-O2 .Cl-H
SYN: QUININE CHLORIDE * QUININE HYDROCHLORIDE * QUININE MURIATE

MUTATION DATA AND REFERENCES:

	mnt-mus-orl 110 mg/kg	TXCYAC 26,173,83
	sce-mus-orl 75 mg/kg	TXCYAC 26,173,83

TOXICITY DATA AND REFERENCES:

3F12F23K13	ivn-hmn LDLo:230 ug/kg	AEXPBL 17,363,1883
	orl-rat LDLo:500 mg/kg	JPETAB 63,122,38
	ipr-rat LD50:170 mg/kg	TXAPA9 24,37,73
	scu-rat LDLo:790 mg/kg	ZGEMAZ 11,257,20
	ivn-rat LDLo:75 mg/kg	JPETAB 63,122,38
	ims-rat LDLo:300 mg/kg	JPETAB 63,122,38
	ipr-mus LD50:240 mg/kg	TXAPA9 24,37,73
	scu-mus LDLo:700 mg/kg	JPETAB 8,53,16
*	ivn-mus LD50:68300 ug/kg	TXAPA9 1,454,56
	scu-dog LDLo:180 mg/kg	ZGEMAZ 11,257,20
	ivn-dog LDLo:75 mg/kg	JPETAB 82,266,44
	orl-rbt LDLo:800 mg/kg	AIPTAK 12,497,04
	scu-rbt LDLo:250 mg/kg	AIPTAK 12,497,04
	ivn-rbt LDLo:25 mg/kg	JPETAB 82,266,44
	orl-gpg LDLo:300 mg/kg	AIPTAK 12,497,04

scu-gpg LDLo:293 mg/kg ZGEMAZ 11,257,20
orl-ckn LDLo:457 mg/kg AEPPAE 201,402,43
unk-frg LDLo:350 mg/kg JPETAB 8,53,16
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QUININE MURIATE see: VA7700000

VA8440000 QUININE, SULFATE
UPDT:8309 CAS: 804-63-7 MW: 420.52 MOLFM: C20-H24-N2-O2 .O4-S
SYN: QUININE BISULFATE * QUININE HYDROGEN SULFATE
MUTATION DATA AND REFERENCES:
pic-esc 100 ug/plate CNREA8 43,2819,83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T81T86 orl-rat TDLo:1425 mg/kg (14D pre-21D post) BNEOBV 36,273,79
TOXICITY DATA AND REFERENCES:
orl-wmn LDLo:220 mg/kg CTOXAO 7,129,74
2C08P15 orl-hmn TDLo:4300 ug/kg BMJOAE 1,605,77
3D14D41F17 orl-hmn TDLo:43 mg/kg JIMSAX 67,46,74
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PHJOAV 213(5781),159,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QUINIOPHEN see: VC2800000
QUINITEX see: VA5950000
QUINOCIDE see: VA9680000
QUINOL see: MX3500000
beta-QUINOL see: MX3500000
8-QUINOL see: VC4200000
QUINOL DIMETHYL ETHER see: CZ6650000
5-QUINOLINAMINE see: VA9625000
4-QUINOLINAMINE, 1-OXIDE (9CI) see: VA9662000

VA9275000 QUINOLINE
UPDT:8408 CAS: 91-22-5 MW: 129.17 MOLFM: C9-H7-N
SYN: 1-AZANAPHTHALENE * 1-BENZAZINE * 1-BENZINE * BENZO(b)PYRIDINE * CHINOLEINE * CHINOLIN (Czech) * CHINOLINE * LEUCOL * LEUCOLINE * LEUKOL * QUINOLINE (DOT) * UN 2656 (DOT) * USAF EK-218
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
eye-rbt 250 ug open SEV AMIHBC 4,119,51
MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate ABCHA6 42,861,78
dnd-esc 30 umol/L MUREAV 89,95,81
oms-nml:emb 460 mmol/L/10M-C CHROAU 56,289,76
oms-nml:emb 460 mmol/L/10M-C CHROAU 56,289,76
cyt-nml:emb 460 mmol/L/10M-C CHROAU 56,289,76
cyt-nml:emb 460 mmol/L/10M-C CHROAU 56,289,76
dnd-rat:lvr 1 mmol/L SinJF# 26OCT82
oms-rat:lvr 500 umol/L CBINA8 29,257,80
mma-ham:ovr 80 umol/L ENMUDM 4,395,82
cyt-ham:lng 100 mg/L ARTODN (Suppl 4),41,80
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:7770 mg/kg/37W-C CNREA8 36,329,76
2V03L60 orl-mus TDLo:50 gm/kg/30W-C GANNA2 68,785,77
2V03L60 orl-rat TD :23 gm/kg/30W-C GANNA2 68,785,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:331 mg/kg MarJV# 29MAR77
ipr-mus LDLo:64 mg/kg CBCCT* 2,190,50
* skn-rbt LD50:540 mg/kg AMIHBC 4,119,51
scu-rbt LDLo:200 mg/kg HBAMAK 4,1289,35
scu-frg LDLo:150 mg/kg HBAMAK 4,1289,35
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS, FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VA9295000 2-QUINOLINEACETAMIDE, THIO-
UPDT:8309 CAS: 30821-04-6 MW: 202.29 MOLFM: C11-H10-N2-S
SYN: AG 48 * 2-QUINOLINEETHANETHIOAMIDE * 2-QUINOLINETHIOACETAMIDE * 2-(2-QUINOLYL)THIOACETAMIDE * THIO-2-QUINOLINEACETAMIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:304 mg/kg TAKHAA 32,181,73

QUINOLINE, 1-ACETOXY-1,4-DIHYDRO-4-HYDROXYAMINO-, ACETATE (ESTER) see: VB4800000

VA9613400 4-QUINOLINEACRYLIC ACID, 2-(4-(p-CHLOROPHENYL)-1-PIPERAZINYL)ETHYL ESTER
UPDT:8312 MW: 421.96 MOLFM: C24-H24-Cl-N3-O2
SYN: 1-PIPERAZINEETHANOL, 4-(p-CHLOROPHENYL)-, 4-QUINOLINEACRYLATE
TOXICITY DATA AND REFERENCES:
3A11F07F29 ipr-mus LD50:150 mg/kg JPMSAE 55,290,66

VA9614700 2-QUINOLINEACRYLIC ACID, 1,4-PIPERAZINYLENEDIETHYLENE ESTER
UPDT:8312 MW: 536.68 MOLFM: C32-H32-N4-O4
SYN: 1,4-PIPERAZINEDIETHANOL, BIS(2-QUINOLINEACRYLATE)
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:680 mg/kg JPMSAE 55,290,66

VA9614800 4-QUINOLINEACRYLIC ACID, 1,4-PIPERAZINYLENEDIETHYLENE ESTER
UPDT:8312 MW: 536.68 MOLFM: C32-H32-N4-O4
SYN: 1,4-PIPERAZINEDIETHANOL, BIS(4-QUINOLINEACRYLATE)
TOXICITY DATA AND REFERENCES:
3A11F07F29 ipr-mus LD50:360 mg/kg JPMSAE 55,290,66

VA9625000 QUINOLINE, 5-AMINO-
UPDT:8307 CAS: 611-34-7 MW: 144.19 MOLFM: C9-H8-N2
SYN: 5-AMINOQUINOLINE * 5-QUINOLINAMINE
MUTATION DATA AND REFERENCES:
dnr-esc 16 ug/well ENMUDM 3,429,81
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:250 mg/kg CBCCT* 6,61,54

VA9629500 QUINOLINE, 6-AMINO-7-CHLORO-4-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-, DIPHOSPHATE
UPDT:8303 CAS: 78703-86-3 MW: 530.94 MOLFM: C18-H27-Cl-N4 .2H3-O4-P
SYN: 6-AMINO-7-CHLORO-4-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)QUINOLINE DIPHOSPHATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:555 mg/kg MPPBAB 50,51,81

VA9633000 QUINOLINE, 6-AMINO-4-((2-(DIETHYLAMINO)ETHYL)AMINO)-, DIPHOSPHATE
UPDT:8303 CAS: 78703-87-4 MW: 454.41 MOLFM: C15-H22-N4 .2H3-O4-P
SYN: 6-AMINO-4-((2-(DIETHYLAMINO)ETHYL)AMINO)QUINOLINE DIPHOSPHATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2815 mg/kg MPPBAB 50,51,81

VA9633500 QUINOLINE, 6-AMINO-4-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-, DIPHOSPHATE
UPDT:8303 CAS: 78703-85-2 MW: 496.50 MOLFM: C18-H28-N4 .2H3-O4-P
SYN: 6-AMINO-4-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)QUINOLINE DIPHOSPHATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:695 mg/kg MPPBAB 50,51,81

VA9650000 QUINOLINE, 8-(4-AMINO-1-METHYLBUTYLAMINO)-6-METHOXY-
UPDT:8408 CAS: 90-34-6 MW: 259.39 MOLFM: C15-H21-N3-O
SYN: 8-(4-AMINO-1-METHYLBUTYLAMINO)-6-METHOXYQUINOLINE * 6-METHOXY-8-(4-AMINO-1-METHYLBUTYLAMINO)QUINOLINE * PRIMAQUINE * SN 13,272
TOXICITY DATA AND REFERENCES:
orl-mus LD50:100 mg/kg AMACCQ 12,51,77
* ivn-mus LD50:15900 ug/kg ANTCAO 12,103,62

VA9660000 QUINOLINE, 8-((4-AMINO-1-METHYLBUTYL)AMINO)-6-METHOXY-, PHOSPHATE (1:2)
UPDT:8302 CAS: 63-45-6 MW: 455.39 MOLFM: C15-H21-N3-O .2H3-O4-P
SYN: 1,4-PENTANEDIAMINE, N(sup 4)-(6-METHOXY-8-QUINOLINYL)-, PHOSPHATE (1:2) (9CI) * PRIMAQUINE DIPHOSPHATE * PRIMAQUINE PHOSPHATE
MUTATION DATA AND REFERENCES:
dnd-esc 50 umol/L MUREAV 89,95,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-rat TDLo:540 mg/kg (8-16D preg) TRSTAZ 74,43,80
1T43 orl-rat TDLo:600 mg/kg (8-13D preg) TRSTAZ 74,43,80
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:68 mg/kg TRSTAZ 74,43,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VA9662000 QUINOLINE, 4-AMINO-, 1-OXIDE
UPDT:8408 CAS: 2508-86-3 MW: 160.19 MOLFM: C9-H8-N2-O
SYN: 4-AMINOQUINOLINE-1-OXIDE * 4-QUINOLINAMINE, 1-OXIDE (9CI)
MUTATION DATA AND REFERENCES:
mrc-esc 500 ug/well CNREA8 32,2369,72
mmo-bcs 5 gm/L MUREAV 42,19,77
dnr-bcs 5 gm/L MUREAV 42,19,77
mmo-smc 500 ug/well CNREA8 32,2369,72
cyt-ham:fbr 400 mg/L/24H MUREAV 48,337,77
cyt-ham:lng 100 mg/L ARTODN (Suppl 4),41,80
sce-ham:fbr 10 umol/L PJACAW 53,46,77
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

VA9680000 QUINOLINE, 8-((4-AMINOPENTYL)AMINO)-6-METHOXY-
UPDT:8407 CAS: 525-61-1 MW: 259.39 MOLFM: C15-H21-N3-O
SYN: CHINOCIDE * QUINOCIDE
TOXICITY DATA AND REFERENCES:
2F23J30 orl-mus LD50:145 mg/kg MPPBAB 49(6),27,80

VA9770000 QUINOLINE, 4-AZIDO-, 1-OXIDE
UPDT:8303 CAS: 2669-36-5 MW: 186.19 MOLFM: C9-H6-N4-O
SYN: 4-AZIDOQUINOLINE 1-OXIDE
MUTATION DATA AND REFERENCES:
mmo-esc 100 mg/L CPBTAL 28,1485,80

QUINOLINE-6-AZO-p-DIMETHYLANILINE see: VB5600000

VB0175000 QUINOLINE, 4-((4-BIS(2-CHLOROETHYL)AMINO)-1-METHYLBUTYL)AMINO-7-CHLORO- DIHYDROCHLORIDE
UPDT:8401 CAS: 4213-44-9 MW: 461.72 MOLFM: C18-H24-Cl3-N3 .2Cl-H
SYN: 4-((4-(BIS(2-CHLOROETHYL)AMINO)-1-METHYLBUTYL)AMINO-7-CHLOROQUINOLINE DIHYDROCHLORIDE * 4-(4-(DI-(2-CHLOROETHYL)-AMINO)-1-METHYL-BUTYLAMINO)-7-CHLOROQUINOLINE * CHLOROQUINE MUSTARD * ICR-25a * NSC-17118
MUTATION DATA AND REFERENCES:
dnd-mus:lvr 70 umol/L CNREA8 21,1124,61
dnd-mus:oth 70 umol/L CNREA8 21,1124,61
TUMORIGENIC DATA AND REFERENCES:
2V01J60 ipr-mus TDLo:8 mg/kg/4W JNCIAM 36,915,66
TOXICITY DATA AND REFERENCES:
* ipr-rat LD10:1100 ug/kg CNCRA6 17,1,62
ivn-dog LDLo:200 ug/kg CCSUBJ 2,202,65
ivn-mky LDLo:410 ug/kg CCSUBJ 2,202,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB0525000 QUINOLINE, 3-BROMO-4-NITRO-, 1-OXIDE
UPDT:8401 CAS: 14173-58-1 MW: 269.07 MOLFM: C9-H5-Br-N2-O3
SYN: 3-BROMO-4-NITROQUINOLINE 1-OXIDE
MUTATION DATA AND REFERENCES:
cyt-omi 37 umol/L GANNA2 60,155,69
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:60 mg/kg/I CPBTAL 17,544,69
2V03V10 scu-mus TD :120 mg/kg/50D-I BCPCA6 16,631,67
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RRCRBU 34,32,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB0550000 QUINOLINE, 6-(sec-BUTYL)- mixed with 8-(sec-BUTYL)QUINOLINE (4:1)
UPDT:8305 CAS: 65442-31-1 MW: 185.29 MOLFM: C13-H15-N
SYN: sec-BUTYLQUINOLINE * 6- and 8-sec-BUTYLQUINOLINE (80/20)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1020 mg/kg FCTXAV 16,661,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VB0700000 QUINOLINE, 6-BUTYL-4-HYDROXYAMINO-, 1-OXIDE
UPDT:8401 CAS: 21070-33-7 MW: 232.31 MOLFM: C13-H16-N2-O2
SYN: 6-BUTYL-4-HYDROXYAMINOQUINOLINE 1-OXIDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:60 mg/kg/I CPBTAL 17,544,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB0875000 QUINOLINE, 6-BUTYL-4-NITRO-, 1-OXIDE
UPDT:8401 CAS: 21070-32-6 MW: 246.29 MOLFM: C13-H14-N2-O3
SYN: 6-BUTYL-4-NITROQUINOLINE 1-OXIDE
MUTATION DATA AND REFERENCES:
dnd-mus:fbr 100 umol/L CNREA8 35,521,75
dns-ham:oth 4 umol/L NATUAS 229,416,71
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:60 mg/kg/I CPBTAL 17,544,69
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB0875500 QUINOLINE, 6-tert-BUTYL-4-NITRO-, 1-OXIDE
UPDT:8401 CAS: 23484-01-7 MW: 246.29 MOLFM: C13-H14-N2-O3
SYN: 6-tert-BUTYL-4-NITROQUINOLINE 1-OXIDE
MUTATION DATA AND REFERENCES:
dnd-mus:fbr 100 umol/L CNREA8 35,521,75
dns-ham:oth 4 umol/L NATUAS 229,416,71

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

VB0895000 4-QUINOLINECARBAMIC ACID, 2-BUTOXY-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8402 MW: 395.98 MOLFM: C20-H29-N3-O3 Cl-H
SYN: 2-BUTOXY-4-QUINOLINECARBAMIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * ESTER DIETHYLAMINOETHYLIQUE de l'ACIDE BUTOXY-2 CHINOLYL-4 CARBAMIQUE CHLORHYDRATE (French) * S 131
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:53 mg/kg APFRAD 16,684,58

QUINOLINE-2-CARBOHYDROXAMIC ACID see: VB1172000 2-QUINOLINECARBOXAMIDE, N-HYDROXY-
QUINOLINE-4-CARBOHYDROXAMIC ACID see: VB1172100 4-QUINOLINECARBOXAMIDE, N-HYDROXY-
QUINOLINE-5-CARBOHYDROXAMIC ACID see: VB1172200 5-QUINOLINECARBOXAMIDE, N-HYDROXY-
QUINOLINE-6-CARBOHYDROXAMIC ACID see: VB1172300 6-QUINOLINECARBOXAMIDE, N-HYDROXY-
QUINOLINE-8-CARBOHYDROXAMIC ACID see: VB1172400 8-QUINOLINECARBOXAMIDE, N-HYDROXY-

VB1050000 3-QUINOLINECARBONITRILE, 1,4,5,6,7,8-HEXAHYDRO-4-(m-METHOXYPHENYL)-5-OXO-2,7,7-TRIMETHYL-
UPDT:8306 MW: 322.44 MOLFM: C20-H22-N2-O2
SYN: 1,4,5,6,7,8-HEXAHYDRO-4-(m-METHOXYPHENYL)-5-OXO-2,7,7-TRIMETHYL-3-QUINOLINECARBONITRILE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg PCJOAU 15,17,81

4-QUINOLINECARBOXAMIDE, 2-BUTOXY-N-(2-(DIETHYLAMINO)ETHYL)- see: GD3150000
4-QUINOLINECARBOXAMIDE, 2-BUTOXY-N-(2-(DIETHYLAMINO)ETHYL)-, MONOHYDROCHLORIDE see: GD3325000

VB1172000 2-QUINOLINECARBOXAMIDE, N-HYDROXY-
UPDT:8408 CAS: 37137-42-1 MW: 188.20 MOLFM: C10-H8-N2-O2
SYN: N-HYDROXY-2-QUINOLINECARBOXAMIDE * QUINALDINOHYDROXAMIC ACID * QUINOLINE-2-CARBOHYDROXAMIC ACID
MUTATION DATA AND REFERENCES:
mmo-sat 10 umol/plate MUREAV 135,139,84

VB1172100 4-QUINOLINECARBOXAMIDE, N-HYDROXY-
UPDT:8408 MW: 188.20 MOLFM: C10-H8-N2-O2
SYN: N-HYDROXY-4-QUINOLINECARBOXAMIDE * QUINOLINE-4-CARBOHYDROXAMIC ACID
MUTATION DATA AND REFERENCES:
mmo-sat 5 umol/plate MUREAV 135,139,84

VB1172200 5-QUINOLINECARBOXAMIDE, N-HYDROXY-
UPDT:8408 MW: 188.20 MOLFM: C10-H3-N2-O2
SYN: N-HYDROXY-5-QUINOLINECARBOXAMIDE * QUINOLINE-5-CARBOHYDROXAMIC ACID
MUTATION DATA AND REFERENCES:
mmo-sat 5 umol/plate MUREAV 135,139,84

VB1172300 6-QUINOLINECARBOXAMIDE, N-HYDROXY-
UPDT:8408 MW: 188.20 MOLFM: C10-H8-N2-O2
SYN: N-HYDROXY-6-QUINOLINECARBOXAMIDE * QUINOLINE-6-CARBOHYDROXAMIC ACID
MUTATION DATA AND REFERENCES:
mmo-sat 250 nmol/plate MUREAV 135,139,84

VB1172400 8-QUINOLINECARBOXAMIDE, N-HYDROXY-
UPDT:8408 MW: 188.20 MOLFM: C10-H8-N2-O2
SYN: N-HYDROXY-8-QUINOLINECARBOXAMIDE * QUINOLINE-8-CARBOHYDROXAMIC ACID
MUTATION DATA AND REFERENCES:
mmo-sat 2500 nmol/plate MUREAV 135,139,84

VB2002000 3-QUINOLINECARBOXYLIC ACID, 1,4-DIHYDRO-1-ETHYL-6-FLUORO-7-(4-METHYL-1-PIPERAZINYL)-
UPDT:8401 MW: 333.40 MOLFM: C17-H20-F-N3-O3
SYN: AM-725 * 1-ETHYL-6-FLUORO-1,4-DIHYDRO-4-OXO-7-(4-METHYL-1-PIPERAZINYL)-3-QUINOLINECARBOXYLIC ACID
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 orl-rat TDLo:30 gm/kg (30D male) OYYAA2 25,475,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB2005000 3-QUINOLINECARBOXYLIC ACID, 1,4-DIHYDRO-1-ETHYL-6-FLUORO-4-OXO-7-(1-PIPERAZINYL)-
UPDT:8408 CAS: 70458-96-7 MW: 319.37 MOLFM: C16-H18-F-N3-O3
SYN: AM-715 * BACCIDAL * 1,4-DIHYDRO-1-ETHYL-6-FLUORO-4-OXO-7-(1-PIPERAZINYL)-3-QUINOLINECARBOXYLIC ACID * 1-ETHYL-6-FLUORO-1,4-DIHYDRO-4-OXO-7-(1-PIPERAZINYL)-3-QUINOLINECARBOXYLIC ACID * MK-366 * NORFLOXACIN
MUTATION DATA AND REFERENCES:
dnr-bcs 62500 ug/L NKRZAZ 29(Suppl 4),938,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T46T85 orl-rat TDLo:1375 mg/kg (7-17D preg) KSRNAM 15,5251,81
1T76 orl-rat TDLo:2750 mg/kg (7-17D preg) KSRNAM 15,5251,81
2T34T46 orl-mus TDLo:20 gm/kg (61D male/15D pre-6D preg) NKRZAZ 29(Suppl 4),886,81
1T31 orl-mus TDLo:10 gm/kg (61D male/15D pre-6D preg) NKRZAZ 29(Suppl 4),886,81
1T85 orl-mus TDLo:1250 mg/kg (6-15D preg) NKRZAZ 29(Suppl 4),895,81
TOXICITY DATA AND REFERENCES:
2F07F12 ivn-rat LD50:245 mg/kg NKRZAZ 29(Suppl 4),766,81
2F07F12 ivn-mus LD50:220 mg/kg NKRZAZ 29(Suppl 4),766,81
1F07 ims-mus LD50:470 mg/kg NKRZAZ 29(Suppl 4),766,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB2060000 3-QUINOLINECARBOXYLIC ACID, 1,4,5,6,7,8-HEXAHYDRO-5-OXO-4-PHENYL-2,7,7-TRIMETHYL-, ETHYL ESTFR
UPDT:8306 CAS: 13337-64-9 MW: 339.47 MOLFM: C21-H25-N-O3
SYN: 1,4,5,6,7,8-HEXAHYDRO-5-OXO-4-PHENYL-2,7,7-TRIMETHYL-3-QUINOLINECARBOXYLIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg PCJOAU 15,17,81

VB2065000 3-QUINOLINECARBOXYLIC ACID, 1,4,5,6,7,8-HEXAHYDRO-5-OXO-4-(2-(TRIFLUOROMETHYL)PHENYL)- 2,7,7-TRIMETHYL-, ETHYL ESTER
UPDT:8306 CAS: 78050-80-3 MW: 407.47 MOLFM: C22-H24-F3-N-O3
SYN: 5-OXO-2,7,7-TRIMETHYL-4-(o-TRIFLUOROPHENYL)-3-ETHOXYCARBONYL-1,4,5,6,7,8-HEXAHYDROQUINOLINE
TOXICITY DATA AND REFERENCES:
2E15H02 ipr-mus LD50:100 mg/kg PCJOAU 15,17,81

VB2070000 3-QUINOLINECARBOXYLIC ACID, 1,4,5,6,7,8-HEXAHYDRO-5-OXO-4-(3,4,5-TRIMETHOXYPHENYL)- 2,7,7-TRIMETHYL-, ETHYL ESTER
UPDT:8306 CAS: 78080-70-3 MW: 429.56 MOLFM: C24-H31-N-O6
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg PCJOAU 15,17,81

VB2100000 6-QUINOLINECARBOXYLIC ACID, 4-(HYDROXYAMINO)-, 1-OXIDE
UPDT:8401 CAS: 13442-14-3 MW: 220.20 MOLFM: C10-H8-N2-O4
SYN: 6-CARBOXYL-4-HYDROXYLAMINOQUINOLINE 1-OXIDE * 4-(HYDROXYAMINO)-6-QUINOLINECARBOXYLIC ACID 1-OXIDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:120 mg/kg/50D-I BCPCA6 16,631,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4-QUINOLINECARBOXYLIC ACID, 3-HYDROXY-2-PHENYL- (9CI) see: GD3900000

VB2275000 6-QUINOLINECARBOXYLIC ACID, 4-NITRO-, 1-OXIDE
UPDT:8412 CAS: 1425-67-8 MW: 234.18 MOLFM: C10-H6-N2-O5
SYN: 6-CARBOXY-4-NITROQUINOLINE-1-OXIDE * 6-CARBOXYL-4-NITROQUINOLINE 1-OXIDE * 4-NITROQUINOLINE-6-CARBOXYLIC ACID 1-OXIDE * 4-NITRO-6-QUINOLINECARBOXYLIC ACID 1-OXIDE
MUTATION DATA AND REFERENCES:
mmo-esc 500 ug/plate CNREA8 32,2369,72
mrc-esc 500 ug/well CNREA8 32,2369,72
mmo-smc 100 mg/L IGSBAL 85,127,72
cyt-hmn:lvr 5260 nmol/L JNCIAM 47,367,71
dnd-mus:fbr 100 umol/L CNREA8 35,521,75
dns-ham:oth 4 umol/L NATUAS 229,416,71
cyt-ham:kdy 100 umol/L 27NZAH -,17,72
dnd-mam:lym 5 mg BIPMAA 4,409,66
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:90 mg/kg/20W-I GANNA2 58,397,67
2V03V10 scu-mus TDLo:120 mg/kg/50D-I BCPCA6 16,631,67
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RRCRBU 34,32,71
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB2356300 QUINOLINE, 6-CHLORO-5-((2-(DIETHYLAMINO)ETHYL)AMINO)-8-METHYL-
UPDT:8411 CAS: 15386-51-3 MW: 291.86 MOLFM: C16-H22-Cl-N3
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:900 mg/kg CHTPBA 5,293,70
2J30M20 orl-cat LD50:10 mg/kg CHTPBA 5,293,70

VB2356500 QUINOLINE, 7-CHLORO-4-((2-(DIETHYLAMINO)ETHYL)AMINO)-6-NITRO-, DIPHOSPHATE
UPDT:8303 CAS: 78806-23-2 MW: 518.83 MOLFM: C15-H19-Cl-N4-O2 2H3-O4-P
SYN: 7-CHLORO-4-((2-(DIETHYLAMINO)ETHYL)AMINO)-6-NITROQUINOLINE DIPHOSPHATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:529 mg/kg MPPBAB 50,51,81

VB2360000 QUINOLINE, 7-CHLORO-4-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-
UPDT:8408 CAS: 54-05-7 MW: 319.92 MOLFM: C18-H26-Cl-N3
SYN: AMOKIN * ARALEN * ARTHROCHIN * ARTRICHIN * AVLOCHLOR * AVLOCLOR * BEMACO * BEMAPHATE * BEMASULPH * BENAQUIN * BIPIQUIN * CHEMOCHIN * CHINGAMIN * CHLORAQUINE * CHLOROCHIN * 7-CHLORO-4-(4-DIETHYLAMINO-1-METHYLBUTYLAMINO)QUINOLINE * CHLORQUIN * CHLOROQUINE * CHLOROQUINIUM * N(sup 4)-(7-CHLORO-4-QUINOLINYL)-N(sup 1),N(sup 1)-DIETHYL-1,4-PENTANEDIAMINE * CIDANCHIN * CLOROCHINA * CHLOROQUINA * COCARTRIT * DELAGIL * DICHINALEX * ELESTOL * GONTOCHIN * HELIOPAR * IMAGON * IROQUINE * KLOROKIN * LAPAQUIN * MALAQUIN * MALAREN * MALAREX * MESYLITH * NEOCHIN * NIVACHINE * NIVAQUINE * NIVAQUINE B * 1,4-PENTANEDIAMINE, N(sup 4)-(7-CHLORO-4-QUINOLINYL)-N(sup 1),N(sup 1)-DIETHYL- * QUINACHLOR * QUINERCYL * QUINAGAMIN * QUINAGAMINE * QUINILON * QUINOSCAN * RESOCHEN * RESOCHIN * RESOQUINA * RESOQUINE * REUMACHLOR * REUMAQUIN * ROQUINE * RP 3377 * SANOQUIN * SILBESAN * SIRAGAN * SN 6718 * SN 7618 * SOLPRINA * SOPAQUIN * TANAKAN * TRESOCHIN * TROCHIN * W 7618 * WIN 244
MUTATION DATA AND REFERENCES:
mmo-sat 100 umol/L AMACCQ 9,77,76
dnr-esc 250 ug/disc MUREAV 41,61,76
dnd-nml 1 mol BBACAQ 561,77,79
cyt-hmn:lym 100 mg/L BEXBAN 82,1095,76
dnd-mam:lym 500 umol/L BBACAQ 561,77,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T53T59 unk-wmn TDLo:420 mg/kg (1-42D preg) JOPDAB 69,1150,66
2T42T87 unk-wmn TDLo:1155 mg/kg (6-39W preg) JOPDAB 69,1150,66
1T27 unk-wmn TDLo:840 mg/kg (1-84D preg) JOPDAB 69,1150,66
TOXICITY DATA AND REFERENCES:
3D14K30U01 orl-wmn TDLo:3600 mg/kg/3Y TGMEAJ 32,216,80
orl-hmn LDLo:20 mg/kg JETOAS 6,86,73
orl-rat LD50:1080 mg/kg PHMGBN 13,401,75
ipr-rat LD50:102 mg/kg PHMGBN 13,401,75
orl-mus LD50:400 mg/kg JETOAS 6,86,73
* ipr-mus LD50:66 mg/kg ARZNAD 32,1219,82
scu-mus LD50:150 mg/kg JETOAS 6,86,73
ivn-mus LD50:40 mg/kg JETOAS 6,86,73
* ims-mus LD50:90 mg/kg YHHPAL 15,630,80
scu-rbt LD50:75 mg/kg JETOAS 6,86,73
ivn-rbt LD50:8 mg/kg JETOAS 6,86,73
* ims-rbt LDLo:80 mg/kg YHHPAL 15,630,80
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PLMJAP 6(1),160,75; 32XPAD -,49,75; FNSCA6 2,67,73
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 13,47,77
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB2450000 QUINOLINE, 7-CHLORO-4-(4-DIETHYLAMINO-1-METHYL-BUTYLAMINO)-, DIPHOSPHATE
UPDT:8405 CAS: 50-63-5 MW: 515.92 MOLFM: C18-H26-Cl-N3 2H3-O4-P
SYN: ALERMINE * ARALEN DIPHOSPHATE * ARALEN PHOSPHATE * ARECHIN * AROCLOR 54 * AVLOCLOR * BEMAPHATE * CHINGAMIN * 7-CHLOR-4-(4-(DIAETHYLAMINO)-1-METHYLBUTYLAMINO)-CHINOLINDIPHOSPHAT (German) * CHINGAMIN PHOSPHATE * 7-CHLORO-4-((4-DIETHYLAMINO-1-METHYLBUTYL)AMINO)QUINOLINE DIPHOSPHATE * 2-(p-CHLORO-alpha-(2-(DIMETHYLAMINO)ETHYL)BENZYL)PYRIDINE MALEATE (1:1) * CHLOROIN * CHLOROQUIN DIPHOSPHATE * CHLOROQUINE DIPHOSPHATE * CHLOROQUINE PHOSPHATE * CHLOR-TRIMETON * CQ * DELAGIL * GONTOCHIN PHOSPHATE * HISTASPAN * H-STADUR * KHINGAMIN * 2-PYRIDINEPROPANAMINE, gamma-(4-CHLOROPHENYL)-N,N-DIMETHYL-, (Z)-2-BUTENEDIOATE (1:1) * NOSCOSED * RESOCHIN * RESOCHIN DIPHOSPHATE * RESOQUINE * 3377 RP * SANOQUIN * SN 7,618 * TANAKAN * TELDRIN * TELODRON
MUTATION DATA AND REFERENCES:
mmo-sat 100 mg/L MUREAV 68,41,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T31T34 orl-rat TDLo:1200 mg/kg (5-16D preg) RCOCB8 7,701,74
1T42 orl-rat TDLo:550 mg/kg (9D preg) RPTOAN 30,114,67
1T35 orl-rat TDLo:750 mg/kg (9D preg) RPTOAN 30,114,67
1T86 scu-rat TDLo:475 mg/kg (10-14D preg) VAAZA2 39,59,82
TOXICITY DATA AND REFERENCES:
3D14F18U01 orl-wmn TDLo:2561 mg/kg/32W JNNPAU 29,331,66
orl-mus LD50:500 mg/kg TMPRAD 30,308,79
ipr-mus LDLo:63 mg/kg CBCCT* 2,190,50
* scu-mus LD50:200 mg/kg ATMPA2 74,393,80
ivn-brd LD50:40 mg/kg ARZNAD 20,1775,70
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: INTEAG 15(1),7,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB2610000 QUINOLINE, 8-CHLORO-4-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-6-NITRO-
UPDT:8303 CAS: 78703-80-7 MW: 364.92 MOLFM: C18-H25-Cl-N4-O2

SYN: 8-CHLORO-4-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-6-NITROQUINOLINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1459 mg/kg MPPBAB 50,51,81

VB2615000 QUINOLINE, 7-CHLORO-4-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-6-NITRO-, DIPHOSPHATE
UPDT:8303 MW: 560.92 MOLFM: C18-H25-Cl-N4-O2 2H3-O4-P
SYN: 7-CHLORO-4-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-6-NITROQUINOLINE DIPHOSPHATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1273 mg/kg MPPBAB 50,51,81

VB2625000 QUINOLINE, 7-CHLORO-4((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-, PHOSPHATE (1:1)
UPDT:8407 CAS: 1446-17-9 MW: 417.92 MOLFM: C18-H26-Cl-N3 H3-O4-P
SYN: ARATEN PHOSPHATE * CHLOROQUINE, PHOSPHATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T42T77T87 orl-wmn TDLo:2660 mg/kg (2-39W preg) AROTAA 80,407,64
1T27 orl-wmn TDLo:455 mg/kg (1-13W preg) AROTAA 80,407,64
1T46 orl-wmn TDLo:420 mg/kg (1-6W preg) AROTAA 80,407,64
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:43 mg/kg JFSCAS 5,201,65
1F18 orl-wmn TDLo:2740 mg/kg/39W ARPAAQ 93,209,72
orl-chd LDLo:38 mg/kg PEDIAU 27,95,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB2640000 QUINOLINE, 7-CHLORO-4-((3-(DIETHYLAMINO)PROPYL)AMINO)-6-NITRO-, DIPHOSPHATE
UPDT:8303 MW: 532.86 MOLFM: C16-H21-Cl-N4-O2 2H3-O4-P
SYN: 7-CHLORO-4-((3-(DIETHYLAMINO)PROPYL)AMINO)-6-NITROQUINOLINE DIPHOSPHATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1439 mg/kg MPPBAB 50,51,81

VB2975000 QUINOLINE, 5-CHLORO-4-(HYDROXYAMINO)-, 1-OXIDE
UPDT:8401 CAS: 13442-11-0 MW: 210.63 MOLFM: C9-H7-Cl-N2-O2
SYN: 5-CHLORO-4-(HYDROXYAMINO)QUINOLINE 1-OXIDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:120 mg/kg/50D-I BCPCA6 16,631,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB3150000 QUINOLINE, 6-CHLORO-4-(HYDROXYAMINO)-, 1-OXIDE
UPDT:8401 CAS: 14076-05-2 MW: 210.63 MOLFM: C9-H7-Cl-N2-O2
SYN: 6-CHLORO-4-(HYDROXYAMINO)QUINOLINE 1-OXIDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:120 mg/kg/50D-I BCPCA6 16,631,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB3325000 QUINOLINE, 7-CHLORO-4-(HYDROXYAMINO)-, 1-OXIDE
UPDT:8401 CAS: 13442-12-1 MW: 210.63 MOLFM: C9-H7-Cl-N2-O2
SYN: 7-CHLORO-4-(HYDROXYAMINO)QUINOLINE 1-OXIDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:120 mg/kg/50D-I BCPCA6 16,631,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB3350000 QUINOLINE, 3-CHLORO-4-NITRO-, 1-OXIDE
UPDT:8401 CAS: 14100-52-8 MW: 224.61 MOLFM: C9-H5-Cl-N2-O3
SYN: 3-CHLORO-4-NITROQUINOLINE 1-OXIDE
MUTATION DATA AND REFERENCES:
cyt-omi 36 umol/L GANNA2 60,155,69
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:347 mg/kg/I CPBTAL 17,544,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB3500000 QUINOLINE, 5-CHLORO-4-NITRO-, 1-OXIDE
UPDT:8401 CAS: 14076-19-8 MW: 224.61 MOLFM: C9-H5-Cl-N2-O3
SYN: 5-CHLORO-4-NITROQUINOLINE 1-OXIDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:120 mg/kg/50D-I BCPCA6 16,631,67
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RRCRBU 34,32,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB3675000 QUINOLINE, 6-CHLORO-4-NITRO-, 1-OXIDE
UPDT:8401 CAS: 3741-12-6 MW: 224.61 MOLFM: C9-H5-Cl-N2-O3
SYN: 6-CHLORO-4-NITROQUINOLINE 1-OXIDE
MUTATION DATA AND REFERENCES:
pic-esc 25 umol/L NATUAS 198,195,63
cyt-hmn:lvr 5260 nmol/L JNCIAM 47,367,71
cyt-rat:ast 10 nmol/L GMCRDC 17,31,75
dnd-mus:fbr 10 umol/L CNREA8 35,521,75
otr-ham:emb 4 umol/L PJACAW 42,1211,66
dns-ham:oth 500 nmol/L NATUAS 229,416,71
dnd-mam:lym 5 mg BIPMAA 4,409,66
TUMORIGENIC DATA AND REFERENCES:
3V03P62R60 skn-rat TDLo:38 mg/kg/17W-I GANNA2 53,167,62
2V03R60 skn-mus TDLo:43 mg/kg/7W-I GANNA2 49,33,58
2V03V10 scu-mus TDLo:120 mg/kg/50D-I BCPCA6 16,631,67
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RRCRBU 34,32,71
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB3850000 QUINOLINE, 7-CHLORO-4-NITRO-, 1-OXIDE
UPDT:8401 CAS: 14753-14-1 MW: 224.61 MOLFM: C9-H5-Cl-N2-O3
SYN: 7-CHLORO-4-NITROQUINOLINE 1-OXIDE
MUTATION DATA AND REFERENCES:
pic-esc 94 mg/L EXPEAM 24,1245,68
cyt-omi 44 umol/L GANNA2 60,155,69
mmo-smc 2 mg/L IGSBAL 85,127,72
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:120 mg/kg/50D-I BCPCA6 16,631,67
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RRCRBU 34,32,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QUINOLINE-2,4-DICARBOHYDROXAMIC ACID see: VB4100000 2,4-QUINOLINEDICARBOHYDROXAMIC ACID

VB4100000 2,4-QUINOLINEDICARBOHYDROXAMIC ACID
UPDT:8408 MW: 247.23 MOLFM: C11-H9-N3-O4
SYN: QUINOLINE-2,4-DICARBOHYDROXAMIC ACID
MUTATION DATA AND REFERENCES:
mmo-sat 500 nmol/plate MUREAV 135,139,84

VB4375000 QUINOLINE, 6,7-DICHLORO-4-(HYDROXYAMINO)-, 1-OXIDE
UPDT:8401 CAS: 13442-13-2 MW: 245.07 MOLFM: C9-H6-Cl2-N2-O2
SYN: 6,7-DICHLORO-4-(HYDROXYAMINO)QUINOLINE 1-OXIDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:120 mg/kg/50D-I BCPCA6 16,631,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB4550000 QUINOLINE, 6,7-DICHLORO-4-NITRO-, 1-OXIDE
UPDT:8401 CAS: 14094-48-5 MW: 259.05 MOLFM: C9-H4-Cl2-N2-O3
SYN: 6,7-DICHLORO-4-NITROQUINOLINE 1-OXIDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:120 mg/kg/50D-I BCPCA6 16,631,67
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RRCRBU 34,32,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB4670000 QUINOLINE, 4-((2-(DIETHYLAMINO)ETHYL)AMINO)-6-NITRO-, DIPHOSPHATE
UPDT:8303 MW: 484.39 MOLFM: C15-H20-N4-O2 2H3-O4-P
SYN: 4-((2-(DIETHYLAMINO)ETHYL)AMINO)-6-NITROQUINOLINE DIPHOSPHATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:499 mg/kg MPPBAB 50,51,81

VB4700500 QUINOLINE, 6-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-5,8-DIMETHOXY-2,4-DIMETHYL-
UPDT:8402 MW: 370.57 MOLFM: C22-H32-N3-O2
SYN: 6-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-5,8-DIMETHOXY-2,4-DIMETHYL QUINOLINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:45 mg/kg ARZNAD 32,1219,82

VB4701900 QUINOLINE, 6-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-5,8-DIMETHOXY-2-METHYL-
UPDT:8402 CAS: 75314-72-6 MW: 359.57 MOLFM: C21-H33-N3-O2
SYN: 6-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-5,8-DIMETHOXY-2-METHYLQUINOLINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3200 ug/kg ARZNAD 28,723,78

VB4702500 QUINOLINE, 6-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-2-METHYL-4,5,8-TRIMETHOXY-
UPDT:8303 MW: 370.57 MOLFM: C22-H32-N3-O2
SYN: 6-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-2-METHYL-4,5,8-TRIMETHOXYQUINOLINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:45 mg/kg ARZNAD 32,1016,82

VB4765000 QUINOLINE, 4-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-6-NITRO-, DIPHOSPHATE
UPDT:8303 MW: 526.48 MOLFM: C18-H26-N4-O2 2H3-O4-P
SYN: 4-((4-(DIETHYLAMINO)-1-METHYLBUTYL)AMINO)-6-NITROQUINOLINE DIPHOSPHATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1263 mg/kg MPPBAB 50,51,81

VB4780000 QUINOLINE, 4-((3-(DIETHYLAMINO)PROPYL)AMINO)-6-NITRO-, DIPHOSPHATE
UPDT:8303 MW: 498.42 MOLFM: C16-H22-N4-O2 2H3-O4-P
SYN: 4-((3-(DIETHYLAMINO)PROPYL)AMINO)-6-NITROQUINOLINE DIPHOSPHATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1146 mg/kg MPPBAB 50,51,81

VB4800000 QUINOLINE, 1,4-DIHYDRO-1-ACETOXY-4-HYDROXYAMINO-, ACETATE (ESTER)
UPDT:8401 CAS: 38539-23-0 MW: 261.28 MOLFM: C13-H13-N2-O4
SYN: 1-ACETOXY-1,4-DIHYDRO-4-(HYDROXYAMINO)QUINOLINE ACETATE (ESTER) * O,O-DIACETYL-4-HYDROXYAMINOQUINOLINE 1-OXIDE * QUINOLINE, 1-ACETOXY-1,4-DIHYDRO-4-HYDROXYAMINO-, ACETATE (ESTER)
MUTATION DATA AND REFERENCES:
mmo-smc 50 mg/L IGSBAL 85,127,72
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:5 mg/kg/2W-I PSEBAA 136,1206,71
2V02V10 scu-mus TDLo:30 mg/kg/4W-I PSEBAA 136,1206,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB4833000 QUINOLINE, 1,4-DIHYDRO-1-(2-(DIMETHYLAMINO)ETHYL)-4-IMINO-, DIHYDROCHLORIDE
UPDT:8412 CAS: 23918-75-4 MW: 288.25 MOLFM: C13-H17-N3 2Cl-H
TOXICITY DATA AND REFERENCES:
1F12 orl-mus LD50:300 mg/kg CHTPBA 4,279,69

VB4836000 QUINOLINE, 1,2-DIHYDRO-6-ETHOXY-2,2,4-TRIMETHYL-, SULFATE (1:1)
UPDT:8412 CAS: 3763-77-7 MW: 315.42 MOLFM: C14-H19-N-O H2-O4-S
TOXICITY DATA AND REFERENCES:
1F23 orl-rat LD50:3580 mg/kg GISAAA 48(10),89,83
1F23 orl-mus LD50:2470 mg/kg GISAAA 48(10),89,83

VB4837000 QUINOLINE, 1,4-DIHYDRO-4-IMINO-1-PHENETHYL-, MONOHYDROBROMIDE
UPDT:8412 CAS: 23918-74-3 MW: 329.27 MOLFM: C17-H16-N2 Br-H
TOXICITY DATA AND REFERENCES:
1F12 orl-mus LD50:300 mg/kg CHTPBA 4,279,69

VB4900000 QUINOLINE, 1,2-DIHYDRO-2,2,4-TRIMETHYL-
UPDT:8412 CAS: 147-47-7 MW: 173.28 MOLFM: C12-H15-N
SYN: ACETONANIL * ACETONE ANIL * 1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE * FLECTOL A * FLECTOL H * FLECTOL PASTILLES * NCI-C60902 * 2,2,4-TRIMETHYL-1,2-DIHYDROQUINOLINE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2000 mg/kg HYSAAV 31(2),183,66
orl-mus LD50:1450 mg/kg HYSAAV 31(2),183,66
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

QUINOLINE, 1,2-DIHYDRO-2,2,4-TRIMETHYL, HOMOPOLYMER see: TQ2625000

VB5250000 QUINOLINE, 4-((p-(DIMETHYLAMINO)PHENYL)AZO)-
UPDT:8401 CAS: 17025-30-8 MW: 276.37 MOLFM: C17-H16-N4
SYN: 4-((p-(DIMETHYLAMINO)PHENYL)AZO)QUINOLINE * N,N-DIMETHYL-4-(4-QUINOLYLAZO)ANILINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:2142 mg/kg/17W-C JNCIAM 26,1461,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB5425000 QUINOLINE, 5-((p-(DIMETHYLAMINO)PHENYL)AZO)-
UPDT:8401 CAS: 17416-17-0 MW: 276.37 MOLFM: C17-H16-N4
SYN: 5-((p-(DIMETHYLAMINO)PHENYL)AZO)QUINOLINE * N,N-DIMETHYL-p-(5-QUINOLYLAZO)ANILINE * N,N-DIMETHYL-4-(5-QUINOLYLAZO)ANILINE
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:714 mg/kg/17W-C JNCIAM 40,891,68
2V03L60 orl-rat TDLo:720 mg/kg/17W-C AICCA6 19,531,63
2V03L60 orl-rat TDLo:714 mg/kg/17W-C JNCIAM 26,1461,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB5600000 QUINOLINE, 6-((p-(DIMETHYLAMINO)PHENYL)AZO)-
UPDT:8401 CAS: 30041-69-1 MW: 276.37 MOLFM: C17-H16-N4
SYN: 6-((p-(DIMETHYLAMINO)PHENYL)AZO)QUINOLINE * N,N-DIMETHYL-4-(6-QUINOLYLAZO)ANILINE * QUINOLINE-6-AZO-p-DIMETHYLANILINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:714 mg/kg/17W-C AICCA6 19,531,63

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QUINOLINE, 5-((p-(DIMETHYLAMINO)PHENYL)AZO)-2-METHYL- see: UZ9800000

VB5775000 QUINOLINE, 5-((p-(DIMETHYLAMINO)PHENYL)AZO)-3-METHYL-
UPDT:8401 CAS: 17400-69-0 MW: 290.40 MOLFM: C18-H18-N4
SYN: 5-((p-(DIMETHYLAMINO)PHENYL)AZO)-3-METHYLQUINOLINE * N,N-DIMETHYL-4-(5-(3'-METHYLQUINOLYL)AZO)ANILINE * 3'-METHYL-5'-(p-DIMETHYLAMINOPHENYLAZO)QUINOLINE
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:3276 mg/kg/26W-C JNCIAM 40,891,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB5950000 QUINOLINE, 5-((p-(DIMETHYLAMINO)PHENYL)AZO)-6-METHYL-
UPDT:8401 CAS: 17400-70-3 MW: 290.40 MOLFM: C18-H18-N4
SYN: 5-((p-(DIMETHYLAMINO)PHENYL)AZO)-6-METHYLQUINOLINE * N,N-DIMETHYL-4-(5'-(6'-METHYLQUINOLYL)AZO)ANILINE * 6'-METHYL-5'-(p-DIMETHYLAMINOPHENYLAZO)QUINOLINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:4914 mg/kg/39W-C JNCIAM 40,891,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB6125000 QUINOLINE, 5-((p-(DIMETHYLAMINO)PHENYL)AZO)-7-METHYL-
UPDT:8401 CAS: 17400-65-6 MW: 290.40 MOLFM: C18-H18-N4
SYN: 5-((p-(DIMETHYLAMINO)PHENYL)AZO)-7-METHYLQUINOLINE * N,N-DIMETHYL-4-(5'-(7'-METHYLQUINOLYL)AZO)ANILINE * 7'-METHYL-5'-(p-DIMETHYLAMINOPHENYLAZO)QUINOLINE
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:540 mg/kg/30D-C JNCIAM 40,891,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB6300000 QUINOLINE, 5-((p-(DIMETHYLAMINO)PHENYL)AZO)-8-METHYL-
UPDT:8401 CAS: 17416-20-5 MW: 290.40 MOLFM: C18-H18-N4
SYN: 5-((p-(DIMETHYLAMINO)PHENYL)AZO)-8-METHYLQUINOLINE * N,N-DIMETHYL-4-(5'-(8'-METHYLQUINOLYL)AZO)ANILINE * 8'-METHYL-5'-(p-DIMETHYLAMINOPHENYLAZO)QUINOLINE
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:378 mg/kg/9W-C JNCIAM 40,891,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB6475000 QUINOLINE, 4-((p-(DIMETHYLAMINO)PHENYL)AZO)-, 1-OXIDE
UPDT:8401 CAS: 63042-68-2 MW: 292.37 MOLFM: C17-H16-N4-O
SYN: 4-((p-(DIMETHYLAMINO)PHENYL)AZO)QUINOLINE 1-OXIDE * N,N-DIMETHYL-4-((4'-QUINOLYL-1'-OXIDE)AZO)ANILINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:2142 mg/kg/17W-C JNCIAM 26,1461,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB6650000 QUINOLINE, 5-((p-(DIMETHYLAMINO)PHENYL)AZO)-, 1-OXIDE
UPDT:8401 CAS: 22750-85-2 MW: 292.37 MOLFM: C17-H16-N4-O
SYN: 5-((p-(DIMETHYLAMINO)PHENYL)AZO)QUINOLINE 1-OXIDE * N,N-DIMETHYL-4-((5'-QUINOLYL-1'-OXIDE)AZO)ANILINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:714 mg/kg/17W-C AICCA6 19,531,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB6825000 QUINOLINE, 6-((p-(DIMETHYLAMINO)PHENYL)AZO)-, 1-OXIDE
UPDT:8401 CAS: 22750-86-3 MW: 292.37 MOLFM: C17-H16-N4-O
SYN: 6-((p-(DIMETHYLAMINO)PHENYL)AZO)QUINOLINE 1-OXIDE * N,N-DIMETHYL-4-((6'-QUINOLYL-1'-OXIDE)AZO)ANILINE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:714 mg/kg/17W-C AICCA6 19,531,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB7000000 QUINOLINE, 4-(p-(DIMETHYLAMINO)STYRYL)-
UPDT:8401 CAS: 897-55-2 MW: 274.39 MOLFM: C19-H18-N2
SYN: 2-(4-N,N-DIMETHYLAMINOSTYRYL)QUINOLINE * 4-(p-(DIMETHYLAMINO)STYRYL)QUINOLINE * 4-(4-DIMETHYLAMINOSTYRYL)QUINOLINE * 4M20
TUMORIGENIC DATA AND REFERENCES:
3V02L60T63 ivn-mus TDLo:100 mg/kg CNREA8 25,938,65
TOXICITY DATA AND REFERENCES:
ivn-mus LDLo:160 mg/kg CNREA8 25,938,65
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 1(1),93,71; ADCSAJ 13,271,70
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB7175000 QUINOLINE, 4-(p-(DIMETHYLAMINO)STYRYL)-6,8-DIMETHYL-
UPDT:8401 CAS: 19716-21-3 MW: 302.45 MOLFM: C21-H22-N2
SYN: 4-(p-(DIMETHYLAMINO)STYRYL)-6,8-DIMETHYLQUINOLINE * 6,8-DIMETHYL-(4-p-(DIMETHYLAMINO)STYRYL)QUINOLINE
TUMORIGENIC DATA AND REFERENCES:
3V03R60T61 orl-rat TDLo:38 mg/kg/51W-I JNCIAM 41,985,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB7350000 QUINOLINE, 4-(p-(DIMETHYLAMINO)STYRYL)-, MONOHYDROCHLORIDE
UPDT:8401 CAS: 21970-53-6 MW: 310.85 MOLFM: C19-H18-N2 Cl-H
SYN: 4-(p-(DIMETHYLAMINO)STYRYL)QUINOLINE, MONOHYDROCHLORIDE * NSC 63346
TUMORIGENIC DATA AND REFERENCES:
3V02K60T61 orl-rat TDLo:115 mg/kg/1Y-I JNCIAM 41,985,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB7525000 QUINOLINE, 5-((4-(DIMETHYLAMINO)-m-TOLYL)AZO)-
UPDT:8401 CAS: 17400-68-9 MW: 290.40 MOLFM: C18-H18-N4
SYN: 5-((4-(DIMETHYLAMINO)-m-TOLYL)AZO)QUINOLINE * N,N-DIMETHYL-4-(5'-QUINOLYLAZO)-m-TOLUIDINE * 3-METHYL-5'-(p-DIMETHYLAMINOPHENYLAZO)QUINOLINE
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:2142 mg/kg/17W-C JNCIAM 40,891,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB7700000 QUINOLINE, 5-((4-(DIMETHYLAMINO)-o-TOLYL)AZO)-
UPDT:8401 CAS: 17416-21-6 MW: 290.40 MOLFM: C18-H18-N4
SYN: 5-((4-(DIMETHYLAMINO)-o-TOLYL)AZO)QUINOLINE * 2-METHYL-5'-(p-DIMETHYLAMINOPHENYLAZO)QUINOLINE
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:2142 mg/kg/17W-C JNCIAM 40,891,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB7760000 QUINOLINE, 2,8-DIMETHYL-4-(p-(4-(o-TOLYL)-1-PIPERAZINYL)ANILINO)-
UPDT:8405 MW: 422.62 MOLFM: C28-H30-N4
SYN: 2,8-DIMETHYL-4-(p-(4-(o-TOLYL)-1-PIPERAZINYL)ANILINO)QUINOLINE
TOXICITY DATA AND REFERENCES:
3D17F17K01 ipr-mus LD50:500 mg/kg ARPMAS 316,767,83

VB7875000 QUINOLINE, 4,6-DINITRO-, 1-OXIDE
UPDT:8401 CAS: 1596-52-7 MW: 235.17 MOLFM: C9-H5-N3-O5
SYN: 4,6-DINITROQUINOLINE 1-OXIDE
MUTATION DATA AND REFERENCES:
cyt-omi 170 umol/L GANNA2 60,155,69
mmo-smc 100 mg/L IGSBAL 85,127,72
cyt-hmn:lvr 5260 nmol/L JNCIAM 47,367,71
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:50 mg/kg/I CPBTAL 17,544,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB7875010 QUINOLINE, 4,7-DINITRO-, 1-OXIDE
UPDT:8401 MW: 235.17 MOLFM: C9-H5-N3-O5
SYN: 4,7-DINITROQUINOLINE-1-OXIDE
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:300 mg/kg/25W-I GANNA2 60,523,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB7875020 QUINOLINE, 4,8-DINITRO-, 1-OXIDE
UPDT:8305 MW: 235.17 MOLFM: C9-H5-N3-O5
SYN: 4,8-DINITROQUINOLINE N-OXIDE
MUTATION DATA AND REFERENCES:
mmo-smc 10 umol/L JJMBAN 7,69,63

QUINOLINE (DOT) see: VA9275000
2-QUINOLINEETHANETHIOAMIDE see: VA9295000

VB8225000 QUINOLINE, 6-ETHOXY-1,2-DIHYDRO-2,2,4-TRIMETHYL-
UPDT:8406 CAS: 91-53-2 MW: 217.34 MOLFM: C14-H19-N-O
SYN: 1,2-DIHYDRO-6-ETHOXY-2,2,4-TRIMETHYLQUINOLINE * 1,2-DIHYDRO-2,2,4-TRIMETHYL-6-ETHOXYQUINOLINE * EMQ * EQ * 6-ETHOXY-1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE * ETHOXYQUIN * ETHOXYQUINE * 6-ETHOXY-2,2,4-TRIMETHYL-1,2-DIHYDROQUINOLINE * NIFLEX * NIX-SCALD * SANTOFLEX A * SANTOFLEX AW * SANTOQUIN * SANTOQUINE * STOP-SCALD * 2,2,4-TRIMETHYL-6-ETHOXY-1,2-DIHYDROQUINOLINE * USAF B-24
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:2400 mg/kg/8W-I CNREA8 33,3069,73
TOXICITY DATA AND REFERENCES:
orl-rat LD50:800 mg/kg RCTEA4 45(3),627,72
* orl-mus LD50:1730 mg/kg MEIEDD 10,545,83
ipr-mus LD50:200 mg/kg NTIS** AD277-689
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB8325000 QUINOLINE, 2-ETHYL-4-NITRO-, N-OXIDE
UPDT:8401 MW: 218.23 MOLFM: C11-H10-N2-O3
SYN: 4-NITRO-2-ETHYLQUINOLINE-N-OXIDE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:69 mg/kg/11W-I GANNA2 49,33,58
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB8350000 QUINOLINE, 2-(4-ETHYL-1-PIPERAZINYL)-4-PHENYL-, DIHYDROCHLORIDE
UPDT:8306 CAS: 72320-60-6 MW: 390.39 MOLFM: C21-H23-N3 2Cl-H
SYN: D 1308 * 2-(4-ETHYL-1-PIPERAZINYL)-4-PHENYLQUINOLINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3E16F03F17 orl-mus LD50:568 mg/kg AIPTAK 245,283,80
3E16F03F17 ipr-mus LD50:119 mg/kg AIPTAK 245,283,80
3E16F03F17 ivn-mus LD50:38 mg/kg AIPTAK 245,283,80

VB8400000 QUINOLINE, 3-FLUORO-4-NITRO-, 1-OXIDE
UPDT:8401 CAS: 17576-63-5 MW: 208.16 MOLFM: C9-H5-F-N2-O3
SYN: 3-FLUORO-4-NITROQUINOLINE 1-OXIDE
MUTATION DATA AND REFERENCES:
cyt-omi 10 umol/L GANNA2 60,155,69
cyt-rat:ast 100 nmol/L GMCRDC 17,31,75
dns-ham:oth 2 umol/L NATUAS 229,416,71
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:347 mg/kg/I CPBTAL 17,544,69
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB8575000 QUINOLINE, 8-FLUORO-4-NITRO-, 1-OXIDE
UPDT:8401 CAS: 19789-69-6 MW: 208.16 MOLFM: C9-H5-F-N2-O3
SYN: 8-FLUORO-4-NITROQUINOLINE 1-OXIDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:60 mg/kg/I CPBTAL 17,544,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB8750000 QUINOLINE, 4-(HYDROXYAMINO)-5-METHYL-, 1-OXIDE
UPDT:8401 CAS: 13442-07-4 MW: 190.22 MOLFM: C10-H10-N2-O2
SYN: 4-(HYDROXYAMINO)-5-METHYLQUINOLINE 1-OXIDE * 5-METHYL-4-HYDROXYLAMINOQUINOLINE 1-OXIDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:120 mg/kg/50D-I BCPCA6 16,631,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB8925000 QUINOLINE, 4-(HYDROXYAMINO)-6-METHYL-, 1-OXIDE
UPDT:8401 CAS: 13442-08-5 MW: 190.22 MOLFM: C10-H10-N2-O2
SYN: 4-(HYDROXYAMINO)-6-METHYLQUINOLINE 1-OXIDE * 6-METHYL-4-HYDROXYLAMINOQUINOLINE 1-OXIDE
MUTATION DATA AND REFERENCES:
pic-esc 5100 ug/L EXPEAM 24,1245,68
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:120 mg/kg/50D-I BCPCA6 16,631,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB9100000 QUINOLINE, 4-(HYDROXYAMINO)-7-METHYL-, 1-OXIDE
UPDT:8401 CAS: 13442-09-6 MW: 190.22 MOLFM: C10-H10-N2-O2
SYN: 4-(HYDROXYAMINO)-7-METHYLQUINOLINE 1-OXIDE * 7-METHYL-4-HYDROXYLAMINOQUINOLINE 1-OXIDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:120 mg/kg/50D-I BCPCA6 16,631,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB9275000 QUINOLINE, 4-(HYDROXYAMINO)-8-METHYL-, 1-OXIDE
UPDT:8401 CAS: 13442-10-9 MW: 190.22 MOLFM: C10-H10-N2-O2
SYN: 4-(HYDROXYAMINO)-8-METHYLQUINOLINE 1-OXIDE * 8-METHYL-4-HYDROXYLAMINOQUINOLINE 1-OXIDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:120 mg/kg/50D-I BCPCA6 16,631,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB9450000 QUINOLINE, 4-(HYDROXYAMINO)-6-NITRO-, 1-OXIDE
UPDT:8401 CAS: 13442-15-4 MW: 221.19 MOLFM: C9-H7-N3-O4
SYN: 4-(HYDROXYAMINO)-6-NITROQUINOLINE 1-OXIDE * 6-NITRO-4-HYDROXYLAMINOQUINOLINE 1-OXIDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:60 mg/kg/I CPBTAL 17,544,69
2V03V10 scu-mus TD :120 mg/kg/50D-I BCPCA6 16,631,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB9625000 QUINOLINE, 4-(HYDROXYAMINO)-7-NITRO-, 1-OXIDE
UPDT:8401 CAS: 13442-16-5 MW: 221.19 MOLFM: C9-H7-N3-O4
SYN: 4-(HYDROXYAMINO)-7-NITROQUINOLINE 1-OXIDE * 7-NITRO-4-HYDROXYLAMINOQUINOLINE 1-OXIDE

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-mus TDLo:120 mg/kg/50D-I	BCPCA6 16,631,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VB9800000 QUINOLINE, 4-(HYDROXYAMINO)-, 1-OXIDE
UPDT:8412 CAS: 4637-56-3 MW: 176.19 MOLFM: C9-H8-N2-O2
SYN: 4HAQO * HYDROXYLAMINE, N-(4-QUINOLYL)-, 1'-OXIDE * 4-(HYDROXYAMINO)QUINOLINE 1-OXIDE

MUTATION DATA AND REFERENCES:

	mmo-sat 2 ug/plate	JJIND8 62,873,79
	mma-sat 10 ug/plate	JJIND8 62,873,79
	mmo-esc 12500 ug/L	GANNA2 63,511,72
	dnr-esc 250 ug/plate	JJIND8 62,873,79
	mrc-esc 100 ug/well	CNREA8 32,2369,72
	pic-esc 8 mg/L	EXPEAM 24,1245,68
	dnd-bcs 500 umol/L	CBINA8 10,11,75
	dnd-omi 1 mmol/L	CNREA8 44,1867,84
	mmo-nsc 100 ug/plate	MUREAV 53,297,78
	mmc-smc 20 mg/L	IGSBAL 85,127,72
	mrc-smc 200 ppm	JJIND8 62,901,79
	dnr-hmn:fbr 500 nmol/L	MUREAV 13,279,71
	dnd-hmn:fbr 10 umol/L	BBACAQ 781,273,84
	dnd-hmn:hla 5 umol/L/1H	BBACAQ 454,558,76
	dns-hmn:fbr 1 umol/L/90M	IJCNAW 16,284,75
	dns-hmn:oth 100 nmol/L	JJIND8 69,557,82
	otr-rat:emb 63 ug/L	JJIND8 67,1303,81
	dnd-rat-ivn 7 mg/kg	CBINA8 19,225,77
	dnd-rat:lvr 400 umol/L/1H	BBACAQ 454,558,76
	dnd-rat-ipr 2500 mmol/L	NATUAS 218,392,68
	cyt-rat:ast 100 nmol/L	GMCRDC 17,31,75
	dnd-mus:fbr 10 umol/L	CNREA8 35,521,75
	dns-mus-scu 3 umol/L	CNREA8 42,5216,82
	dns-mus-ipr 50 mg/kg	IDZAAW 54,405,79
	dni-mus:oth 2500 nmol/L	JJIND8 65,1321,80
	hma-mus/sat 12 mg/kg	JJIND8 62,911,79
	otr-ham:emb 40 umol/L	PJACAW 42,1211,66
	dns-ham:emb 8 umol/L	27NZAH -,17,72
	dns-ham:oth 4 umol/L	NATUAS 229,416,71
	dni-ham:emb 10 umol/L	GANNA2 60,261,69
	oms-ham:emb 10 umol/L	GANNA2 60,261,69
	cyt-ham:kdy 5 umol/L	27NZAH -,17,72
	dnd-gpg:oth 100 umol/L/15M-C	CNREA8 36,1108,76
	dns-gpg-ivn 15 mg/kg	AJPAA4 78,44A,75
	dns-gpg:oth 100 umol/L/15M-C	CNREA8 36,1108,76
	dnd-mam:lym 500 umol/L	GANNA2 63,161,72
	dnd-ckn:emb 200 umol/L	CBINA8 47,123,83

TUMORIGENIC DATA AND REFERENCES:

2V03V10	ipr-rat TDLo:5 mg/kg	JNCIAM 53,159,74
2V01V10	scu-rat TDLo:16 mg/kg/4W-I	IGAYAY 120,1218,82
2V03K60	ivn-rat TDLo:7 mg/kg	INSSDM 15,317,80
3V01J60Q60	par-rat TDLo:10 mg/kg	CANCAR 50,2057,82
3V01J60Q60	imp-rat TDLo:10 mg/kg	CANCAR 50,2057,82
2V03K60	orl-mus TDLo:100 mg/kg/9W-I	GANNA2 58,551,67
2V02R60	skn-mus TDLo:1350 mg/kg/18W-C	GANNA2 60,161,69
2V03V10	scu-mus TDLo:7 mg/kg/60D-I	GANNA2 56,85,65
2V03K60	orl-mus TD :200 mg/kg/9W-I	GANNA2 58,551,67
3V01J60Q60	imp-rat TD :40 mg/kg	CANCAR 50,2057,82
3V01J60Q60	imp-rat TD :20 mg/kg	CANCAR 50,2057,82
2V03K60	orl-mus TD :200 mg/kg/9W-I	GANNA2 58,551,67
3V01J60Q60	par-rat TD :20 mg/kg	CANCAR 50,2057,82
2V02Q60	imp-rat TD :32 mg/kg	JJIND8 68,859,82
2V02V10	scu-rat TD :16 mg/kg/4W-I	JJIND8 68,859,82
2V01K60	ivn-rat TD :7 mg/kg	NAIZAM 33,549,83
2V03K60	ivn-rat TD :7 mg/kg	CRNGDP 4,17,83
2V02V10	scu-rat TD :4 mg/kg	PSEBAA 136,1206,71

TOXICITY DATA AND REFERENCES:

	ivn-rat LDLo:5 mg/kg	JNCIAM 53,159,74

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RRCRBU 34,32,71; APLMAS 107,54,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VC0175000 QUINOLINE, 4-(HYDROXYAMINO)-, 1-OXIDE, HYDROCHLORIDE
UPDT:8401 CAS: 1010-61-3 MW: 212.65 MOLFM: C9-H8-N2-O2 .Cl-H
SYN: 4-(HYDROXYAMINO)QUINOLINE 1-OXIDE, HYDROCHLORIDE

MUTATION DATA AND REFERENCES:

	mmo-esc 25 mg/L	CPBTAL 13,610,65
	cyt-omi 495 umol/L	GANNA2 60,155,69
	mmo-smc 26 mg/L	TXAPA9 15,451,69

TUMORIGENIC DATA AND REFERENCES:

3V03K60R60	orl-rat TDLo:150 mg/kg/45W-I	GANNA2 60,627,69
2V02V10	scu-rat TDLo:16 mg/kg/2W-I	PSEBAA 136,1206,71
3V02K60R60	ivn-rat TDLo:6 mg/kg	GANNA2 62,329,71
2V03K60	orl-mus TDLo:240 mg/kg/50D-I	GANNA2 60,151,69
2V01V10	scu-mus TDLo:451 ug/kg	JJEMAG 40,475,70
2V03K60	ivn-rat TD :7 mg/kg	GANNA2 67,91,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QUINOLINE, 4-(HYDROXYLAMINO)-2-METHYL-, 1-OXIDE see: VC0700000

VC0230000 QUINOLINE, 4-(N-HYDROXY-N-METHYLAMINO)-, 1-OXIDE
UPDT:8401 MW: 190.22 MOLFM: C10-H10-N2-O2
SYN: 4-(N-HYDROXY-N-METHYLAMINO)QUINOLINE 1-OXIDE

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-mus TDLo:60 mg/kg/10W-I	GANNA2 69,835,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VC0245000 QUINOLINE, 2-ISOBUTYL-
UPDT:8305 CAS: 93-19-6 MW: 185.29 MOLFM: C13-H15-N
SYN: alpha-ISOBUTYLQUINOLINE * 2-ISOBUTYLQUINOLINE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1020 mg/kg	FCTXAV 14,311,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VC0250000 QUINOLINE, ISOPROPYL-
UPDT:8305 CAS: 1333-53-5 MW: 171.26 MOLFM: C12-H13-N
SYN: ISOPROPYL QUINOLINE * p-ISOPROPYL QUINOLINE * 6-ISOPROPYL QUINOLINE * LICHENOL

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:940 mg/kg	FCTXAV 13,821,75
*	skn-rbt LD50:160 mg/kg	FCTXAV 13,821,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VC0309000 4-QUINOLINEMETHANOL, 6,8-DICHLORO-2-PHENYL-alpha-(2-PIPERIDYL)-, MONOHYDROCHLORIDE
UPDT:8303 CAS: 16711-32-3 MW: 424.80 MOLFM: C21-H21-Cl2-N2-O .Cl-H
SYN: 6,8-DICHLORO-2-PHENYL-alpha-(2-PIPERIDYL)-4-QUINOLINEMETHANOL MONOHYDROCHLORIDE * alpha-PIPERIDYL 6,8-DICHLORO-2-PHENYL-4-QUINOLINE METHANOL HYDROCHLORIDE

MUTATION DATA AND REFERENCES:

	dnd-mam:lym 6200 nmol/L	PMSBA4 2,134,71

VC0340000 6-QUINOLINEMETHANOL, 1,2,3,4-TETRAHYDRO-2-((ISOPROPYLAMINO)METHYL)-7-NITRO-
UPDT:8411 CAS: 21738-42-1 MW: 279.38 MOLFM: C14-H21-N3-O3
SYN: 6-HYDROXYMETHYL-2-ISOPROPYLAMINOMETHYL-7-NITRO-1,2,3,4-TETRAHYDROQUINOLINE * 2-((ISOPROPYLAMINO)METHYL)-7-NITRO-1,2,3,4-TETRAHYDRO-6-QUINOLINEMETHANOL * MANSIL * OXAMNIQUINE * 6-QUINOLINEMETHANOL, 1,2,3,4-TETRAHYDRO-2-(((1-METHYLETHYL)AMINO)METHYL)-7-NITRO- (9CI) * 1,2,3,4-TETRAHYDRO-2-((ISOPROPYLAMINO)METHYL)-7-NITRO-6-QUINOLINEMETHANOL * 1,2,3,4-TETRAHYDRO-2-(((1-METHYLETHYL)AMINO)METHYL)-7-NITRO-6-QUINOLINEMETHANOL * UK 4261 * UK 4271 * VANSIL

MUTATION DATA AND REFERENCES:

	mma-sat 364 nmol/plate	JPETAB 200,1,77
	mma-sat 364 nmol/plate	JPETAB 200,1,77
	oms-hmn:lym 150 mg/L	JTEHD6 1,211,75
	bfa-mus/sat 100 mg/kg	JPETAB 200,1,77
	hma-mus/sat 50 mg/kg	JPETAB 200,1,77

TOXICITY DATA AND REFERENCES:

3D18K14U01	orl-rat LD50:57 mg/kg	ARTODN 54,247,83
*	orl-mus LD50:1300 mg/kg	ARZNAD 31,555,81
*	orl-rbt LD50:800 mg/kg	ARZNAD 31,555,81

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

6-QUINOLINEMETHANOL, 1,2,3,4-TETRAHYDRO-2-(((1-METHYLETHYL)AMINO)METHYL)-7-NITRO- see: VC0340000

VC0357000 QUINOLINE, 8-METHOXY-2-METHYL-4-(2-METHYLPIPERIDINO)-
UPDT:8405 MW: 270.41 MOLFM: C17-H22-N2-O
SYN: 8-METHOXY-2-METHYL-4-(2-METHYLPIPERIDINO)QUINOLINE

TOXICITY DATA AND REFERENCES:

3D17F17K01	ipr-mus LD50:750 mg/kg	ARPMAS 316,767,83

VC0365000 QUINOLINE, 6-METHOXY-8-NITRO-
UPDT:8401 CAS: 85-81-4 MW: 204.20 MOLFM: C10-H8-N2-O3
SYN: 6-METHOXY-8-NITROQUINOLINE

MUTATION DATA AND REFERENCES:

	mma-sat 1 umol/plate	MUREAV 58,11,78

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

VC0367000 QUINOLINE, 6-METHOXY-8-((5-(PROPYLAMINO)PENTYL)AMINO)-, PHOSPHATE
UPDT:8308 CAS: 3818-70-0 MW: 987.48 MOLFM: C18-H27-N3-O .xH3-O4-P
SYN: 6-METHOXY-8-(5-PROPYLAMINOAMYLAMINO)QUINOLINE PHOSPHATE * 6-METHOXY-8-((5-(PROPYLAMINO)PENTYL)AMINO)QUINOLINE PHOSPHATE * 1,5-PENTANEDIAMINE, N-(6-METHOXY-8-QUINOLINYL)-N'-PROPYL-, PHOSPHATE (9CI) * WIN 5037

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:310 mg/kg	ANTCAO 12,103,62
*	ivn-mus LD50:16166 ug/kg	ANTCAO 12,103,62

QUINOLINE, 2-METHYL- see: UZ9625000

VC0550000 QUINOLINE, 6-METHYL-
UPDT:8305 CAS: 91-62-3 MW: 143.20 MOLFM: C10-H9-N
SYN: 6-METHYLQUINOLINE * p-METHYLQUINOLINE * p-TOLUQUINOLINE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	FCTXAV 17,871,79

MUTATION DATA AND REFERENCES:

	mma-sat 25 ug/plate	APTOD9 19,A105,80

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1260 mg/kg	FCTXAV 17,871,79
*	ipr-mus LD50:386 mg/kg	FCTXAV 17,871,79
*	skn-rbt LD50:5000 mg/kg	FCTXAV 17,871,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

VC0700000 QUINOLINE, 2-METHYL-4-HYDROXYLAMINO-, 1-OXIDE
UPDT:8401 CAS: 10482-16-3 MW: 190.22 MOLFM: C10-H10-N2-O2
SYN: 2-METHYL-4-HYDROXYLAMINOQUINOLINE 1-OXIDE * QUINOLINE, 4-(HYDROXYLAMINO)-2-METHYL-, 1-OXIDE

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-mus TDLo:120 mg/kg/50D-I	BCPCA6 16,631,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QUINOLINE, 8-((METHYLMERCURI)OXY)- see: OW7000000

QUINOLINE, 2-METHYL-4-NITRO, 1-OXIDE see: UZ9850000

VC1041000 QUINOLINE, 3-METHYL-4-NITRO-, 1-OXIDE
UPDT:8412 CAS: 14073-00-8 MW: 204.20 MOLFM: C10-H8-N2-O3
SYN: 3-METHYL-4-NITROQUINOLINE 1-OXIDE

MUTATION DATA AND REFERENCES:

	mmo-sat 300 ng/plate	PMRSDJ 1,285,81
	mma-sat 2 ug/plate	PMRSDJ 1,323,81
	mmo-esc 100 ug/plate	PMRSDJ 1,387,81
	mma-esc 100 ug/plate	PMRSDJ 1,387,81
	dnr-esc 500 mg/L	PMRSDJ 1,195,81
	pic-esc 5 mg/L	PMRSDJ 1,224,81
	dnd-bcs 20 uL/disc	PMRSDJ 1,175,81
	mmo-smc 100 mg/L	IGSBAL 85,127,72
	dnr-smc 50 mg/L	PMRSDJ 1,502,81
	mrc-smc 42 ppm	PMRSDJ 1,481,81
	sln-smc 25 mg/L	PMRSDJ 1,468,81
	mma-ssp 10 ug/L	PMRSDJ 1,424,81
	dnd-hmn:fbr 250 umol/L	CRNGDP 3,1463,82
	dns-hmn:fbr 1100 ug/L	PMRSDJ 1,517,81
	dns-rat:lvr 50 umol/L	ENMUDM 3,11,81
	dns-rat:oth 1 mmol/L	SHKKAN 22,300,80
	cyt-rat:ast 100 nmol/L	GMCRDC 17,31,75
	cyt-rat:lvr 100 ug/L	PMRSDJ 1,570,81
	mnt-mus-ipr 40 mg/kg	PMRSDJ 1,698,81
	dnd-mus:fbr 100 umol/L	CNREA8 35,521,75
	slt-ham:ovr 35 mg/L	PMRSDJ 1,594,81
	otr-ham:kdy 2500 ug/L	PMRSDJ 1,638,81
	dns-ham:oth 4 umol/L	NATUAS 229,416,71
	cyt-ham:ovr 115 mg/L	PMRSDJ 1,551,81
	sce-ham:ovr 115 mg/L	PMRSDJ 1,551,81

msc-ham:ovr 2 mg/L PMRSDJ 1,602,81
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:600 mg/kg/10W-I GANNA2 60,523,69
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:318 mg/kg PMRSDJ 1,682,81
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VC1050000 QUINOLINE, 5-METHYL-4-NITRO-, 1-OXIDE
UPDT:8401 CAS: 14094-43-0 MW: 204.20 MOLFM: C10-H8-N2-O3
SYN: 5-METHYL-4-NITROQUINOLINE 1-OXIDE
MUTATION DATA AND REFERENCES:
dns-ham:oth 500 nmol/L NATUAS 229,416,71
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:120 mg/kg/50D-I BCPCA6 16,631,67
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RRCRBU 34,32,71
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VC1225000 QUINOLINE, 6-METHYL-4-NITRO-, 1-OXIDE
UPDT:8412 CAS: 715-48-0 MW: 204.20 MOLFM: C10-H8-N2-O3
SYN: 6-METHYL-4-NITROQUINOLINE 1-OXIDE
MUTATION DATA AND REFERENCES:
pic-esc 4800 ug/L EXPEAM 24,1245,68
cyt-omi 73 umol/L GANNA2 60,155,69
mmo-smc 200 mg/L IGSBAL 85,127,72
cyt-hmn:lvr 5260 nmol/L JNCIAM 47,367,71
cyt-rat:ast 100 nmol/L GMCRDC 17,31,75
dnd-mus-orl 10 mg/kg IJCNAW 17,765,76
dnd-mus:fbr 10 umol/L CNREA8 35,521,75
dns-ham:emb 8 umol/L 27NZAH -,17,72
dns-ham:oth 500 nmol/L NATUAS 229,416,71
cyt-ham:kdy 2500 nmol/L 27NZAH -,17,72
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:120 mg/kg/50D-I BCPCA6 16,631,67
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RRCRBU 34,32,71
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VC1400000 QUINOLINE, 7-METHYL-4-NITRO-, 1-OXIDE
UPDT:8401 CAS: 14753-13-0 MW: 204.20 MOLFM: C10-H8-N2-O3
SYN: 7-METHYL-4-NITROQUINOLINE 1-OXIDE
MUTATION DATA AND REFERENCES:
pic-esc 400 ug/L EXPEAM 24,1245,68
mmo-smc 200 mg/L IGSBAL 85,127,72
cyt-hmn:lvr 5260 nmol/L JNCIAM 47,367,71
dnd-mus:fbr 10 umol/L CNREA8 35,521,75
dns-ham:oth 500 nmol/L NATUAS 229,416,71
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:120 mg/kg/50D-I BCPCA6 16,631,67
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RRCRBU 34,32,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VC1575000 QUINOLINE, 8-METHYL-4-NITRO-, 1-OXIDE
UPDT:8401 CAS: 14094-45-2 MW: 204.20 MOLFM: C10-H8-N2-O3
SYN: 8-METHYL-4-NITROQUINOLINE 1-OXIDE
MUTATION DATA AND REFERENCES:
pic-esc 1800 ug/L EXPEAM 24,1245,68
mmo-smc 100 ug/L TXAPA9 15,451,69
dns-ham:oth 8 umol/L NATUAS 229,416,71
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:120 mg/kg/50D-I BCPCA6 16,631,67
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RRCRBU 34,32,71
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VC1650000 QUINOLINE, 4-(4-N-METHYL-N-NITROSAMINOSTYRYL)-
UPDT:8401 CAS: 16699-10-8 MW: 289.36 MOLFM: C18-H15-N3-O
SYN: 4-(4-N-METHYL-N-NITROSAMINOSTYRYL)QUINOLINE * N-METHYL-N-NITROSO-4-(2-(4-QUINOLINYL)ETHENYL)BENZENAMINE * NSC-101984
TUMORIGENIC DATA AND REFERENCES:
3V01D45R60 orl-rat TDLo:12 gm/kg/34W-C JNCIAM 51,1313,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VC1675000 QUINOLINE, 2-(4-METHYL-1-PIPERAZINYL)-, DIHYDROCHLORIDE
UPDT:8403 MW: 300.26 MOLFM: C14-H17-N3 2Cl-H
SYN: 2-(4-METHYL-1-PIPERAZINYL)QUINOLINE DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12F13J30 ipr-mus LD50:119 mg/kg JAPMA8 46,279,57

VC1750000 QUINOLINE, 2-NITRO-
UPDT:8401 CAS: 18714-34-6 MW: 174.17 MOLFM: C9-H6-N2-O2
SYN: 2-NITROQUINOLINE
TUMORIGENIC DATA AND REFERENCES:
3V03J60P61 scu-mus TDLo:680 mg/kg/31W-I GANNA2 60,609,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VC1850000 QUINOLINE, 5-NITRO-
UPDT:8310 CAS: 607-34-1 MW: 174.17 MOLFM: C9-H6-N2-O2
SYN: 5-NITROQUINOLINE
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate MUREAV 92,29,82
mma-sat 100 nmol/plate MUREAV 58,11,78
mmo-esc 500 ug/plate CNREA8 32,2369,72
dnd-mus:fbr 500 umol/L CNREA8 35,521,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

VC1900000 QUINOLINE, 6-NITRO-
UPDT:8310 CAS: 613-50-3 MW: 174.17 MOLFM: C9-H6-N2-O2
SYN: 6-NITROQUINOLINE
MUTATION DATA AND REFERENCES:
mmo-sat 5700 nmol/L ENMUDM 3,11,81
mma-sat 100 umol/plate MUREAV 58,11,78
mmo-esc 5700 nmol/L ENMUDM 3,11,81
dns-rat:lvr 100 umol/L ENMUDM 3,11,81
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

VC1925000 QUINOLINE, 8-NITRO-
UPDT:8401 CAS: 607-35-2 MW: 174.17 MOLFM: C9-H6-N2-O2
SYN: 8-NITROQUINOLINE
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate MUREAV 39,285,77
mma-sat 100 nmol/plate MUREAV 58,11,78
dnr-sat 350 ug/disc MUREAV 39,285,77
TUMORIGENIC DATA AND REFERENCES:
3V01J60K60 orl-rat TDLo:17 gm/kg/48W-C CALEDQ 4,265,78
3V01J60K60 orl-rat TD :42 gm/kg/48W-C CALEDQ 4,265,78
2V01K60 orl-rat TD :43680 mg/kg/2Y-C CALEDQ 14,115,81
3V01K60T63 orl-rat TD :36400 mg/kg/2Y-C CALEDQ 14,115,81
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:125 mg/kg CBCCT* 6,149,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VC2000000 QUINOLINE, 2-(5-NITRO-2-FURYLVINYL)-
UPDT:8307 CAS: 735-84-2 MW: 266.27 MOLFM: C15-H10-N2-O3
SYN: 2-(5-NITRO-2-FURYLVINYL)QUINOLINE
MUTATION DATA AND REFERENCES:
dnr-esc 40 ug/L NKRZAZ 22,1159,74
dni-esc 500 ug/L NKRZAZ 22,1159,74
oms-esc 500 ug/L NKRZAZ 22,1159,74
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:240 mg/kg RPTOAN 33,296,70

VC2030000 QUINOLINE, 3-NITRO-, 1-OXIDE
UPDT:8401 CAS: 7433-86-5 MW: 190.17 MOLFM: C9-H6-N2-O3
SYN: 3-NITROQUINOLINE 1-OXIDE
MUTATION DATA AND REFERENCES:
dnd-mus:fbr 100 umol/L CNREA8 35,521,75
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

VC2100000 QUINOLINE, 4-NITRO-, 1-OXIDE
UPDT:8412 CAS: 56-57-5 MW: 190.17 MOLFM: C9-H6-N2-O3
SYN: 4-NITROCHINOLIN N-OXID (Swedish) * 4-NITROQUINOLINE-N-OXIDE * 4-NITROQUINOLINE 1-OXIDE * 4-NQO
MUTATION DATA AND REFERENCES:
mmo-sat 3750 pg/plate MUREAV 130,79,84
mma-sat 500 ng/plate PNASA6 72,5135,75
dnr-sat 1 ug/disc MUREAV 39,285,77
pic-sat 25 mg/L CNREA8 30,2532,70
mmo-esc 1 ug/plate PMRSDJ 1,387,81
mma-esc 10 ug/plate PMRSDJ 1,387,81
dnr-esc 25 ug/plate JJIND8 62,873,79
mrc-esc 150 ug/well CNREA8 32,2369,72
dnd-esc 10 mg/L MUREAV 107,1,83
pic-esc 100 umol/L CNREA8 32,435,72
mmo-bcs 1 umol/L MUREAV 42,19,77
dnr-bcs 20 ug/disc MUREAV 26,243,74
oms-bcs 200 umol/L CBINA8 5,351,72
mrc-bcs 10 umol/plate MUREAV 66,175,79
dnd-bcs 20 uL/disc PMRSDJ 1,175,81
mmo-omi 400 ppm APMBAY 6,45,58
mmo-omi 30 mg/L MUREAV 9,134,70
mmo-omi 300 ug/L MIBLAO 36,773,67
mmo-omi 300 ug/L MIBLAO 36,773,67
dnd-omi 100 umol/L MUREAV 85,275,81
dns-omi 100 umol/L MUREAV 85,275,81
cyt-omi 105 umol/L GANNA2 60,155,69
mmo-nsc 20 ug/plate MUREAV 53,297,78
mmo-smc 5 mg/L PMRSDJ 1,414,81
dnr-smc 600 pmol/L CNJGA8 24,771,82
mrc-smc 320 ppb PMRSDJ 1,481,81
sln-smc 10 mg/L PMRSDJ 1,468,81
mmo-asn 500 ng/plate MUREAV 97,293,82
mma-ssp 10 mg/L PMRSDJ 1,424,81
dnr-ssp 600 pmol/L CNJGA8 24,771,82
oms-grh:oth 1 umol/L ENMUDM 4,279,82
cyt-grh:oth 1 umol/L ENMUDM 4,279,82
dns-ofs-mul 20 umol/L PPTCBY 10,215,80
dns-sal:oth 1 umol/L MUREAV 124,153,83
dns-ofs:ovr 1 umol/L MUREAV 124,153,83
dns-ofs:oth 1 umol/L MUREAV 124,153,83
dns-ofs:oth 1 umol/L MUREAV 124,153,83
dns-ofs:lvr 10 umol/L CNREA8 44,1120,84
dnr-hmn:fbr 2 mmol/L MUREAV 43,415,77
otr-hmn:fbr 100 ug/L PNASA6 75,1334,78
otr-hmn:oth 2 mg/L ITCSAF 17,719,81
dnd-hmn:oth 50 nmol/L CBINA8 23,31,78
dnd-hmn:fbr 400 nmol/L CJBIAE 51,990,73
dns-hmn:oth 1 umol/L JJIND8 69,557,82
dns-hmn:emb 50 nmol/L MUREAV 10,389,70
dns-hmn:fbr 1 umol/L/90M IJCNAW 16,284,75
dns-hmn:hla 3300 nmol/L MUREAV 139,155,84
dns-hmn:lym 10 umol/L IJCNAW 8,202,71
dns-hmn:oth 100 nmol/L/1H-C CBINA8 23,31,78
dni-hmn:hla 200 nmol/L CNREA8 38,4445,78
dni-hmn:fbr 5 umol/L MUREAV 81,203,81
oms-hmn:hla 5 mg/L CNREA8 29,558,69
dni-hmn:oth 1 umol/L/30M MUREAV 125,55,84
dns-hmn:oth 10 umol/L MUREAV 125,55,84
dns-hmn:lvr 10 umol/L VOONAW 28(11),53,82
cyt-hmn:hla 5 ug/l MUREAV 57,369,78
cyt-hmn:lvr 5260 nmol/L JNCIAM 47,367,71
cyt-hmn:fbr 150 nmol/L/24H MUREAV 46,297,77
cyt-hmn:leu 100 ug/L BJCAAI 30,103,74
cyt-hmn:lym 2 umol/L GANNA2 64,183,73
cyt-hmn:emb 3 umol/L JJEMAG 47,263,77
sce-hmn:fbr 400 pmol/L JTEHD6 2,1387,77
sce-hmn:lym 1 nmol/L NGCJAK 15,1085,80
sce-hmn:oth 400 pmol/L IUSMDJ 7,341,77
msc-hmn:lym 130 nmol/L MUREAV 94,467,82
msc-hmn:fbr 3800 ng/L EVSRBT 25,397,82
mnt-rat-ipr 50 mg/kg MUREAV 58,79,78
otr-rat:emb 100 ug/L JTEHD6 4,79,78
dnd-rat:lvr 30 mmol/L SinJF# 26OCT82
dnd-rat-ipr 100 mg/kg CNREA8 38,1589,78
dnd-rat-scu 25 mg/kg CNREA8 38,1589,78

dnd-rat-itr 25 mg/kg	CBINAB 36,129,81
dnd-rat:lvr 500 umol/L/1H	CBINAB 3,225,71
oms-rat/ast 2 mg/kg	ECREAL 51,423,68
dns-rat:lvr 10 umol/L	MUREAV 122,177,83
dns-rat:oth 20 umol/L	PSEBAA 157,688,78
dns-rat:oth 320 mmol/L	CNREA8 40,2898,80
dns-rat-orl 10 mg/kg	BANRDU 13,123,82
dns-rat:oth 5 umol/L	NTIS** AD-A124-815
dns-rat:oth 10 umol/L	PPTCBY 10,215,80
dns-rat:oth 32 umol/L	JOPHBO 10,113,81
dns-rat:oth 32 umol/L	JOPHBO 10,113,81
dns-rat:oth 32 umol/L	JOPHBO 10,113,81
cyt-rat/ast 100 umol/L	IDZAAW 40,365,65
cyt-rat:emb 3 umol/L	JJEMAG 47,263,77
cyt-rat:ast 10 nmol/L	GANNA2 61,193,70
cyt-rat:lvr 25 ug/L	PMRSDJ 1,570,81
sce-rat:bmr 500 ug/L	JJIND8 67,831,81
sce-rat-ipr 5 mg/kg	MUREAV 139,139,84
msc-rat:emb 100 ug/L	JTEHD6 4,79,78
hma-rat/smc 1 mmol/L/1H	MUREAV 31,381,75
slt-mus-ipr 100 umol/L	MUREAV 46,202,77
dnr-mus-scu 80 mg/kg	CNREA8 44,1547,84
otr-mus:fbr 32 ng/L	JJIND8 67,1303,81
otr-mus:emb 500 ng/L	ENMUDM 4,105,82
dnd-mus/ast 1040 umol/kg	CBINAB 1,321,69/70
dnd-mus-orl 100 mg/kg	IJCNAW 17,765,76
dnd-mus:fbr 1 umol/L	CNREA8 35,521,75
dnd-mus:leu 2 mg/L	MUREAV 23,387,74
dnd-mus:mmr 100 nmol/L	JOBIAO 84,145,78
dns-mus-scu 15 umol/L	CNREA8 42,5216,82
dns-mus:tes 100 nmol/L/2H	ARTODN 37,195,77
dns-mus:fbr 6 umol/L	COINAV 256,389,77
dns-mus:lym 100 nmol/L/1H-C	CBINAB 23,31,78
dns-mus:emb 10 umol/L	JJIND8 67,1063,81
dni-mus:oth 2 umol/L	JJIND8 65,1321,80
dnd-mus-skn 192 umol/kg	CRNGDP 5,23 ,84
dns-mus:lvr 10 umol/L	VOONAW 28(11),53,82
dns-mus:oth 1 umol/L	PPTCBY 10,215,80
dns-mus:oth 10 umol/L	PPTCBY 10,215,80
cyt-mus-scu 20 mg/kg	GANNA2 60,91,69
cyt-mus:emb 3 umol/L	JJEMAG 47,263,77
cyt-mus-ivn 60 mg/kg	MUREAV 60,329,79
sce-mus-ipr 24 mg/kg	MUREAV 103,191,82
sce-mus-ivn 60 mg/kg	MUREAV 60,329,79
msc-mus:lym 25 ug/L	MUREAV 125,291,84
hma-mus/sat 12 mg/kg	JJIND8 62,911,79
hma-mus/smc 100 umol/kg	AGACBH 3,99,73
mma-ham:ovr 800 ug/L	ENMUDM 4,395,82
slt-ham:ovr 800 ug/L	PMRSDJ 1,594,81
otr-ham-ipr 1 gm/kg	ARPAAQ 95,380,73
otr-ham:fbr 1 umol/L/3H	JNCIAM 59,155,77
otr-ham:kdy 80 ug/L	BJCAAI 37,873,78
otr-ham:emb 4 umol/L	PJACAW 42,1211,66
dns-ham:oth 10 umol/L	PPTCBY 10,215,80
dnd-ham:lng 30 umol/L/1H	BBRCA9 72,732,76
dnd-ham:emb 2500 nmol/L	ENMUDM 4,143,82
dns-ham:ovr 1 umol/L	MUREAV 124,153,83
dns-ham:oth 50 nmol/L	MUREAV 10,389,70
dns-ham:oth 500 nmol/L	NATUAS 229,416,71
dns-ham:lng 5 umol/L	PHCBAP 32,629,80
dns-h ::fbr 50 nmol/L	MUREAV 10,389,70
dns-ham:kdy 50 nmol/L	MUREAV 10,389,70
dni-ham:lng 5 umol/L	MUREAV 81,203,81
oni-ham:emb 3 umol/L	GANNA2 60,261,69
oms-ham:emb 3 umol/L	GANNA2 60,261,69
dns-ham:oth 1 umol/L	PPTCBY 10,215,80
oms-ham:ovr 5 umol/L	MUREAV 111,209,83
dns-ham:emb 32 umol/L	JOPHBO 10,113,81
cyt-ham:ovr 1 umol/L	MUREAV 110,343,83
cyt-ham:fbr 4 mg/L/24H	MUREAV 48,337,77
cyt-ham:lng 400 ug/L	GMCRDC 27,95,81
cyt-ham:emb 3 umol/L	JJEMAG 47,263,77
sce-ham-ipr 12500 ug/kg	MUREAV 113,33,83
sce-ham:fbr 100 umol/L	PJACAW 53,46,77
sce-ham:lng 500 ug/L	JNCIAM 59,289,77
sce-ham:ovr 10 nmol/L	41UKAL -,208,78
sce-ham-orl 12500 ug/kg	MUREAV 113,33,83
msc-ham:lng 100 nmol/L/2H	CBRPDS 4,303,80
msc-ham:ovr 250 ug/L	PMRSDJ 1,602,81
msc-ham:fbr 400 ug/L	CNREA8 42,389,82
dnd-ckn:fbr 100 nmol/L/30M-C	MUREAV 81,123,81
dns-ckn:fbr 5 umol/L	MUREAV 81,123,81
dnd-mam:lym 500 umol/L	GANNA2 63,161,72
dnd-mam:kdy 100 umol/L	JTEHD6 6,333,80
dns-mam:kdy 500 nmol/L	JTEHD6 6,333,80
dns-gpg:oth 3200 nmol/L	PPTCBY 10,215,80
dns-gpg:oth 3200 nmol/L	PPTCBY 10,215,80
dns-pig:oth 1 umol/L	PPTCBY 10,215,80
dns-pig:oth 1 umol/L	PPTCBY 10,215,80
dns-ctl:oth 1 umol/L	PPTCBY 10,215,80
dns-ctl:oth 10 umol/L	PPTCBY 10,215,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	iut-rat TDLo:50 mg/kg (12D preg)	49VWAG -,71,83

TUMORIGENIC DATA AND REFERENCES:

2V03K60	orl-rat TDLo:116 mg/kg/15W-I	GANNA2 53,381,62
3V01J60R60	scu-rat TDLo:50 mg/kg/10W-I	GANNA2 57,559,66
2V03M61	imp-rat TDLo:1600 ug/kg	APJAAG 23,87,73
2V01K60	orl-mus TDLo:100 mg/kg/12W-I	GANNA2 58,389,67
2V03R60	skn-mus TDLo:84 mg/kg/14W-I	GANNA2 48,129,57
3V01J60R60	scu-mus TDLo:100 mg/kg/10W-I	GANNA2 57,559,66
3V01T65J60	scu-mus TDLo:25 mg/kg (17D preg)	CNREA8 34,3373,74
2V03V10	imp-mus TDLo:48 mg/kg	CNREA8 33,408,73
3V03P62R60	skn-gpg TDLo:4800 ug/kg/80W-I	BJCAAI 20,200,66
3V03R60V10	skn-ham TDLo:580 mg/kg/14W-I	AICCA6 19,519,63
3V03L60V10	ims-bwd TDLo:35 mg/kg/9W-I	ARZNAD 14,842,64
2V03V10	scu-mus TD :400 ug/kg	JJEMAG 40,475,70
2V01K60	orl-mus TD :160 mg/kg/15W-I	GANNA2 58,389,67
3V02K60Q60	orl-mus TD :115 mg/kg/23W-I	GANNA2 56,429,65
2V03K60	orl-rat TD :168 mg/kg/14W-I	GANNA2 60,223,69
3V03K60L60	orl-rat TD :120 mg/kg/18W-I	GANNA2 61,27,70
3V03K60V10	scu-rat TD :70 mg/kg/12W-I	JNCIAM 43,729,69
2V03K60	orl-rat TD :210 mg/kg/30W-C	BTDCAV 22,85,81
2V03K60	orl-rat TD :1980 mg/kg/33W-I	BJCAAI 47,413,83
2V03K60	orl-rat TD :144 mg/kg/18W-I	JJIND8 64,835,80

TOXICITY DATA AND REFERENCES:

3J15J22U26	scu-rat LD50:12600 ug/kg	JJPAAZ 20,264,70
*	ipr-mus LD50:190 mg/kg	JJIND8 62,911,79

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: RRCRBU 34,32,71

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VC2110000 QUINOLINE, 5-NITRO-, 1-OXIDE

UPDT:8401 CAS: 7613-19-4 MW: 190.17 MOLFM: C9-H6-N2-O3

SYN: 5-NITROQUINOLINE 1-OXIDE

MUTATION DATA AND REFERENCES:

dnd-mus:fbr 100 umol/L	CNREA8 35,521,75

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

VC2120000 QUINOLINE, 6-NITRO-, 1-OXIDE

UPDT:8401 CAS: 13675-92-8 MW: 190.17 MOLFM: C9-H6-N2-O3

SYN: 6-NITROQUINOLINE-1-OXIDE

MUTATION DATA AND REFERENCES:

dnd-mus:fbr 100 umol/L	CNREA8 35,521,75

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

VC2150000 QUINOLINE, 7-NITRO-, 1-OXIDE

UPDT:8401 CAS: 14753-17-4 MW: 190.17 MOLFM: C9-H6-N2-O3

SYN: 7-NITROQUINOLINE-1-OXIDE

MUTATION DATA AND REFERENCES:

dnd-mus:fbr 100 umol/L	CNREA8 35,521,75

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

VC2200000 QUINOLINE, 4-NITROSO-, 1-OXIDE

UPDT:8401 CAS: 1130-69-4 MW: 174.17 MOLFM: C9-H6-N2-O2

SYN: 4-NITROSOQUINOLINE 1-OXIDE

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-mus TDLo:60 mg/kg/9W-I	GANNA2 69,499,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QUINOLINE, 1-NITROSO-2,2,4-TRIMETHYL-1,2,-DIHYDRO-, (polymer) see: VC2300000

VC2300000 1(2H)-QUINOLINE, 1-NITROSO-2,2,4-TRIMETHYL-, POLYMER

UPDT:8401 CAS: 29929-77-9 MOLFM: (C12-H14-N2-O)n

SYN: CURETARD * N-NITROSO-2,2,4-TRIMETHYL-1,2-DIHYDROQUINOLINE, POLYMER * 1-NITROSO-2,2,4-TRIMETHYL-1(2H)-QUINOLINE, POLYMER * QUINOLINE, 1-NITROSO-2,2,4-TRIMETHYL-1,2-DIHYDRO-, (polymer)

TUMORIGENIC DATA AND REFERENCES:

3V02N60V10	ipr-rat TDLo:2600 mg/kg/26W-I	EJCAAH 4,233,68
2V01V10	scu-rat TDLo:2500 mg/kg/20W-I	BJCAAI 23,408,69
2V03V10	ipr-rat TD :2500 mg/kg/20W-I	BJCAAI 23,408,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4-QUINOLINEOXYETHYLMETHYLPIPERIDINIUM METHIODIDE see: TN4721900 PIPERIDINIUM, 1-(2-((8-CHLORO-2-METHYL-4-QUINOLINYL)OXY)ETHYL)-1-METHYL-, IODIDE

QUINOLINE, 8-PHENYLMERCURIOXY- see: OW9730000

VC2507000 QUINOLINE, 2-(PHENYLTHIO)-, HYDRIODIDE

UPDT:8408 CAS: 73987-43-6 MW: 365.24 MOLFM: C15-H11-N-S H-I

SYN: 2-(PHENYLTHIO)QUINOLINE HYDRIODIDE * 2-(PHENYLTHIO)QUINOLINIUM IODIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:180 mg/kg	CSLNX* NX#02387

VC2525000 QUINOLINE, 4-(2-(1-PYRROLIDINYL)ETHOXY)-

UPDT:8408 CAS: 32226-69-0 MW: 242.35 MOLFM: C15-H18-N2-O

SYN: 4-(2,1-PYRROLIDINOETHOXY)QUINOLINE HYDROCHLORIDE * QUINPYRROLIDINE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:280 mg/kg	IJMRAQ 60,604,72
*	ipr-rat LD50:135 mg/kg	IJMRAQ 59,614,71
*	orl-mus LD50:315 mg/kg	IJMRAQ 60,604,72
*	ipr-mus LD50:123 mg/kg	IJMRAQ 60,604,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VC2800000 5-QUINOLINESULFONIC ACID, 8-HYDROXY-7-IODO-

UPDT:8405 CAS: 547-91-1 MW: 351.12 MOLFM: C9-H6-I-N-O4-S

SYN: ANAYODIN * CHINIOFON * FERRON * 8-HYDROXY-7-IODOQUINOLINE SULFONATE * 8-HYDROXY-7-IODOQUINOLINESULFONIC ACID * 7-IODO-8-HYDROXYQUINOLINE-5-SULFONIC ACID * LORETIN * MEDITRENE * QUINIOPHEN * QUINOXYL * SEFONA * YATREN * YELLON

TOXICITY DATA AND REFERENCES:

	ivn-rat LDLo:500 mg/kg	JPETAB 63,122,38
	ims-rat LDLo:1000 mg/kg	JPETAB 63,122,38
*	orl-mus LD50:4000 mg/kg	JAPMA8 43,495,54

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

VC2820000 5-QUINOLINESULFONIC ACID, 8,8'-((HYDROXYSTIBYLENE)BIS(OXY))BIS(7-FORMYL-, DISODIUM SALT

UPDT:8204 CAS: 77824-43-2 MW: 687.18 MOLFM: C20-H11-N2-O11-S2-Sb 2Na

SYN: ANTIMONYL-7-FORMYL-8-HYDROXYQUINOLINE-5-SULPHONATE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:75 mg/kg	JEMAAJ 62,1,79

REVIEW AND REFERENCES:

★ TLV-TWA 0.5 mg(Sb)/m3	DTLVS* 4,20,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A)	FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3	NTIS**

VC2982000 QUINOLINE, 1,2,3,4-TETRAHYDRO-1-(2-METHYL-1-OXOBUTYL)-

UPDT:8311 MW: 217.34 MOLFM: C14-H19-N-O

SYN: AI3-36368 * 1,2,3,4-TETRAHYDRO-1-(2-METHYL-1-OXOBUTYL)QUINOLINE

IRRITATION DATA AND REFERENCES:

eye-rbt 100 mg/24H MOD	AEHA** 51-029-76

2-QUINOLINETHIOACETAMIDE see: VA9295000

QUINOLINE YELLOW A SPIRIT SOLUBLE see: GE5925000

QUINOLINE YELLOW BASE see: GE5925000

QUINOLINE YELLOW SPIRIT SOLUBLE see: GE5925000

QUINOLINE YELLOW SS see: GE5925000

VC3500000 QUINOLINIUM, 6-(p-ACETAMIDOBENZAMIDO)-2-(p-AMINOSTYRYL)-1-METHYL-, ACETATE

UPDT:8401 CAS: 3432-10-8 MW: 496.61 MOLFM: C27-H25-N4-O2 C2-H3-O2

SYN: 2-(p-AMINOSTYRYL)-6-(p-ACETYLAMINOBENZOYLAMINO)QUINOLINE METHOACETATE * STYRYL 430

MUTATION DATA AND REFERENCES:

mmo-esc 1 pph	CRSBAW 142,453,48

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-mus TDLo:268 mg/kg	JPBAA7 42,155,36

2V03V10 scu-mus TD :350 mg/kg JPBAA7 47,155,38
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VC3503500 QUINOLINIUM, 6-AMINO-4-(3-AMINO-p-((p-ACETYLPHENYL)CARBAMOYL)ANILINO)-1-ETHYL-, p-AMIDINOHYDRAZONE, p-TOLUENESULFONATE, MONO-p-TOLUENESULFONATE
UPDT:8408 MW: 826.06 MOLFM: C27-H30-N9-O .C7-H7-O3-S .C7-H8-O3-S
MUTATION DATA AND REFERENCES:
dnd-mus:lym 510 nmol/L JMCMAR 22,134,79
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:50 mg/kg JMCMAR 22,134,79

VC3505000 QUINOLINIUM, 4-AMINO-6-((2-AMINO-1,6-DIMETHYLPYRIMIDIUM-4-YL)AMINO)-1,2-DIMETHYL-, DICHLORIDE
UPDT:8403 CAS: 23609-65-6 MW: 369.34 MOLFM: C16-H22-N6 .2Cl
SYN: 4-AMINO-6-((2-AMINO-1,6-DI-METHYLPYRIMIDIUM-4-YL)AMINO)-1,2 DIMETHYLQUINOLINIUM DICHLORIDE * 4-AMINO-6-((2-AMINO-1,6-DIMETHYL-4-PYRIMIDINYL)AMINO)-1,2-DIMETHYLQUINOLINE DICHLORIDE * 4-AMINO-6-((2-AMINO-6-METHYL-4-PYRIMIDINYL)AMINO)-2-METHYLQUINALDINIUM METHOCHLORIDE * 4-AMINO-6-(2-AMINO-6-METHYL-4-PYRIMIDYLAMINO)-2-METHYLQUINALDINE-1,1'-DIMETHOCHLORIDE * QUINAPYRAMINE DICHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:10 mg/kg MEIEDD 10,1163,83

VC3510000 QUINOLINIUM, 4-AMINO-6-((2-AMINO-1,6-DIMETHYLPYRIMIDIUM-4-YL)AMINO)-1,2-DIMETHYL-, DIMETHOSULFATE
UPDT:8403 CAS: 3270-78-8 MW: 520.64 MOLFM: C16-H22-N6 .C2-H6-O8-S2
SYN: 4-AMINO-6-(2-AMINO-1,6-DIMETHYLPYRIMIDIUM-4-YLAMINO)-1,2-DIMETHYLQUINOLINIUM DIMETHOSULFATE * QUINAPYRAMINE DIMETHOSULFATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:10 mg/kg MEIEDD 10,1162,83

QUINOLINIUM, 1,1'-(1,10-DECANEDIYL)BIS(4-AMINO-2-METHYL-, DIACETATE (9CI) see: VA0600000

QUINOLINIUM, 1,1'-(1,10-DECANEDIYL)BIS(4-AMINO-2-METHYL-, DIIODIDE see: VA0705000

VC3543500 QUINOLINIUM, 6-(DIMETHYLAMINO)-2-(2-(2,5-DIMETHYL-1-PHENYLPYRROL-3-YL)VINYL)-1-METHYL-, salt with 4,4'-METHYLENEBIS(3-HYDROXY-2-NAPHTHOIC ACID) (2:1)
UPDT:8408 CAS: 3546-41-6 MW: 1151.51 MOLFM: C75-H70-N6-O6
SYN: ALNOXIN * ALTOLAT * MOLEVAC * NEO-OXYPATE * PAMOVIN * PIRVINIUM PAMOATE * POVAN * POVANYL * PYRCON * PYRVINIUM EMBONATE * PYRVINIUM 4,4'-METHYLENEBIS(3-HYDROXYNAPHTHALENE-2-CARBOXYLATE) * PYRVINIUM PAMOATE * SN-4395 * TOLAPIN * TRU * VANQUIN * VIPRYNIUM EMBONATE
MUTATION DATA AND REFERENCES:
mmo-sat 2500 ng/plate MUREAV 117,79,83
mmo-sat 5 gm/L MUREAV 48,307,77
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:15 gm/kg (30D male) OYYAA2 5,313,71
1T03 orl-rat TDLo:30 gm/kg (30D male) OYYAA2 5,313,71
1T12 orl-rat TDLo:90 gm/kg (30D pre) OYYAA2 5,313,71
TOXICITY DATA AND REFERENCES:
orl-mus LDLo:50 mg/kg BSIBAC 44,1032,68
* ipr-mus LDLo:5 mg/kg OYYAA2 5,305,71
* scu-mus LDLo:423 mg/kg OYYAA2 5,305,71
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VC3656000 QUINOLINIUM, 1,1'-((1,4-DIOXO-1,4-BUTANEDIYL)BIS(OXY-2,1-ETHANEDIYL))BIS-, DIIODIDE
UPDT:8408 CAS: 56583-56-3 MW: 684.34 MOLFM: C26-H26-N2-O4 .2I
SYN: CHINOTILIN * KHINOTILIN * QUINOTILINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:320 mg/kg EKFMA7 11,111,82
3F11F17J22 ipr-mus LD50:5600 ug/kg EKFMA7 11,111,82
* ivn-mus LD50:2200 ug/kg PCJOAU 16,164,82

VC3675100 QUINOLINIUM, 1,1'-EICOSAMETHYLENEBIS-, DIIODIDE
UPDT:8406 MW: 792.74 MOLFM: C38-H54-N2 .2I
SYN: BQ 20 * 1,1'-EICOSAMETHYLENEBIS(QUINOLINIUM IODIDE)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1800 ug/kg JPPMAB 8,110,56

QUINOLINIUM, 1-ETHYL-2-(3-(1-ETHYL-2(1H)-QUINOLINYLIDENE)-1-PROPENYL)-, IODIDE (9CI) see: VC3676870

VC3676870 QUINOLINIUM, 1-ETHYL-2-(3-(1-ETHYL-2(1H)-QUINOLYLIDENE)PROPENYL)-, IODIDE
UPDT:8405 CAS: 605-91-4 MW: 480.42 MOLFM: C25-H25-N2 .I
SYN: CARBOCYANINE * EASTMAN KODAK 622 * 1-ETHYL-2-(3-(1-ETHYL-2(1H)-QUINOLYLIDENE)PROPENYL)QUINOLINIUM IODIDE * G 1700 * PINACYANOL * PINACYANOLE * PINACYANOL IODIDE * QUINOLINIUM, 1-ETHYL-2-(3-(1-ETHYL-2(1H)-QUINOLINYLIDENE)-1-PROPENYL)-, IODIDE (9CI) * SENSITOL RED
TOXICITY DATA AND REFERENCES:
1F12 ipr-rat LD50:16 mg/kg JAPMA8 40,296,51
1F12 ipr-mus LD50:3 mg/kg JAPMA8 40,296,51
1F12 ivn-dog LD50:3700 ug/kg JAPMA8 40,296,51
1F12 ivn-rbt LD50:9 mg/kg JAPMA8 40,296,51
1F12 scu-gpg LD50:47 mg/kg JAPMA8 40,296,51

QUINOLINIUM, 8-HYDROXY-1-METHYL-, IODIDE, METHYLCARBAMATE see: VC3960000

VC3960000 QUINOLINIUM, 1-METHYL-8-(N-METHYLCARBAMOYLOXY)-, IODIDE
UPDT:8312 CAS: 63680-78-4 MW: 344.17 MOLFM: C12-H13-N2-O2 .I
SYN: AR-18 * CARBAMIC ACID, N-METHYL-, 8-QUINOLINYL ESTER, METHIODIDE * METHIODIDE of N-METHYLURETHANE of 8-HYDROXYQUINOLINE * METHYLCARBAMIC ESTER of 8-OXYQUINOLINE METHIODIDE * QUINOLINIUM, 8-HYDROXY-1-METHYL-, IODIDE, METHYLCARBAMATE
TOXICITY DATA AND REFERENCES:
orl-mus LDLo:200 mg/kg JPETAB 43,413,31
ipr-mus LD50:89 mg/kg PHARAT 34,142,79
* scu-mus LD50:31 mg/kg JCSOA9 -,182,47
ivn-mus LDLo:100 ug/kg JPETAB 43,413,31

VC3968200 QUINOLINIUM, 8,8'-PENTAMETHYLENEDIOXYBIS(1-ETHYL-, DIIODIDE
UPDT:8408 MW: 670.41 MOLFM: C27-H32-N2-O2 .2I
SYN: DIIODOETHYLATE de 8-8' DIQUINOLEYLOXY-1,5 PENTANE (French) * 8,8'-PENTAMETHYLENEDIOXYBIS(1-ETHYLQUINOLINIUM IODIDE) * 3.381 R.P.
TOXICITY DATA AND REFERENCES:
1J30 par-mus LD50:1700 ug/kg APFRAD 7,368,49

QUINOLINIUM, 1-PENTYL-6-(p-(1-PENTYL-6-QUINOLINIOCARBAMOYL)PHENOXYACETAMIDO)-, DITOSYLATE see: VC3968400

VC3968400 QUINOLINIUM, 1-PENTYL-6-(alpha-((1-PENTYLQUINOLINIUM-6-YL)CARBAMOYL)-p-ANISAMIDO)-, DI p-TOLUENESULFONATE
UPDT:8311 CAS: 18520-46-2 MW: 933.23 MOLFM: C37-H42-N4-O3 .2C7-H7-O3-S
SYN: 1-PENTYL-6-(p-(1-PENTYL-6-QUINOLINIOCARBAMOYL)PHENOXYACETAMIDO)QUINOLINIUM DITOSYLATE * QUINOLINIUM, 1-PENTYL-6-(p-(1-PENTYL-6-QUINOLINIOCARBAMOYL)PHENOXYACETAMIDO)-, DITOSYLATE
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:150 mg/kg JMCMAR 22,134,79

VC3980000 QUINOLINIUM, 1,2,3,4-TETRAHYDRO-1,1-DIMETHYL-7-HYDROXY-, IODIDE, METHYLCARBAMATE
UPDT:8312 CAS: 63680-79-5 MW: 362.24 MOLFM: C13-H19-N2-O2 .I
SYN: QUINOLINIUM, 1,2,3,4-TETRAHYDRO-1,1-DIMETHYL-7-METHYLCARBAMOYLOXY-, IODIDE * CARBAMIC ACID, N-METHYL-, 1-METHYL-1,2,3,4-TETRAHYDRO-7-QUINOLINYL ESTER, METHIODIDE * METHIODIDE of N-METHYLURETHANE of 7-HYDROXY-1-METHYL-1,2,3,4-TETRAHYDROQUINOLINE * T-1973
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:330 ug/kg JCSOA9 -,182,47
unk-mus LD50:330 ug/kg NTIS** PB158-508

VC4000000 QUINOLINIUM, 1,2,3,4-TETRAHYDRO-1,1-DIMETHYL-8-HYDROXY-, IODIDE, METHYLCARBAMATE
UPDT:8312 CAS: 63680-80-8 MW: 362.24 MOLFM: C13-H19-N2-O2 .I
SYN: CARBAMIC ACID, N-METHYL-, 1-METHYL-1,2,3,4-TETRAHYDRO-8-QUINOLINYL ESTER, METHIODIDE * METHIODIDE of N-METHYLURETHANE of 8-HYDROXY-1-METHYL-1,2,3,4-TETRAHYDROQUINOLINE * QUINOLINIUM, 1,2,3,4-TETRAHYDRO-1,1-DIMETHYL-8-(METHYLCARBAMOYLOXY)-, IODIDE * T-1937
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:45 mg/kg JCSOA9 -,182,47
unk-mus LDLo:45 mg/kg NTIS** PB158-508

QUINOLINIUM, 1,2,3,4-TETRAHYDRO-1,1-DIMETHYL-7-METHYLCARBAMOYLOXY-, IODIDE see: VC3980000

QUINOLINIUM, 1,2,3,4-TETRAHYDRO-1,1-DIMETHYL-8-(METHYLCARBAMOYLOXY)-, IODIDE see: VC4000000

VC4022500 QUINOLINIUM, 6,6'-UREYLENEBIS(1,1'-DIMETHYL-, SULFATE (1:2)
UPDT:8408 CAS: 135-14-8 MW: 566.65 MOLFM: C23-H24-N4-O .2H-O4-S
SYN: ACAPRIN * ATRAL * BABURAN * DIMETHYLQUINOLYL METHYLSULFATE UREA * 1,3-DIQUINOLIN-6-YLUREA BISMETHOSULFATE * PIREVAN * PYROPLASMIN * QUINURONIUM SULFATE * SN 5,870 * UREA, 1,3-DIQUINOLIN-6-YL-, BISMETHOSULFATE * 6,6'-UREYLENEBIS(1,1'-DIMETHYLQUINOLINIUM) SULFATE * 6,6'-UREYLENEBIS(1-METHYLQUINOLINIUM)BIS(METHOSULFATE) * ZOTHELONE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:6300 ug/kg TOLED5 20,69,84
* scu-rat LD50:6500 ug/kg TOLED5 20,69,84
* ipr-mus LD50:4800 ug/kg TOLED5 20,69,84
* scu-mus LD50:5400 ug/kg TOLED5 20,69,84

VC4200000 8-QUINOLINOL
UPDT:8412 CAS: 148-24-3 MW: 145.17 MOLFM: C9-H7-N-O
SYN: BIOQUIN * HYDROXYBENZOPYRIDINE * 8-HYDROXYQUINOLINE * NCI-C55298 * 8-OQ * OXIN * OXINE * OXYBENZOPYRIDINE * OXYCHINOLIN * 8-OXYQUINOLINE * PHENOPYRIDINE * 8-QUINOL * QUINOPHENOL * OXYQUINOLINE * TUMEX * USAF EK-794
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate MUREAV 39,285,77
dnd-esc 10 umol/L MUREAV 89,95,81
mmo-bcs 10 mmol/L FAVUAI 6,118,74
sln-dmg-orl 5 umol/L/2H MUREAV 39,285,77
dni-hmn:hla 25 umol/L MUREAV 92,427,82
TUMORIGENIC DATA AND REFERENCES:
3V03R60T61 orl-rat TDLo:29 gm/kg/48W-I JNCIAM 41,985,68
2V03T63 ivg-rat TDLo:33 gm/kg/82W-I ARPAAQ 79,245,65
3V03J60T63 skn-mus TDLo:7200 mg/kg/50W-I VOONAW 16(8),67,70
3V03J60T63 scu-mus TDLo:900 mg/kg/21W-I VOONAW 16(8),67,70
2V01M60 imp-mus TDLo:50 mg/kg BJCAAI 11,212,57
3V03P61T63 ivg-mus TDLo:5600 mg/kg/35W-I VOONAW 16(8),67,70
3V03J60T64 orl-rat TD :34 gm/kg/84W-I VOONAW 16(8),67,70
2V02M60 imp-mus TD :80 mg/kg BJCAAI 11,212,57
3V01M60V10 imp-mus TD :100 mg/kg BMBUAQ 14,147,58
2V03T63 ivg-mus TD :17 gm/kg/2Y-I VOONAW 22(3),68,76
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1200 mg/kg PCOC** -,602,66
* orl-mus LD50:20 gm/kg NIIRDN 6,271,82
ipr-mus LD50:43 mg/kg FATOAO 42(4),396,79
* orl-gpg LD20:1205 mg/kg TJADAB 20,413,79
unk-mam LD50:1000 mg/kg 30ZDA9 -,410,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: INTEAG 15(1),7,74; AEHLAU 23,6,71; 85CVA2 5,250,70
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 13,101,77
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

8-(QUINOLINOLATO)METHYL MERCURY see: OW7000000

VC4440000 8-QUINOLINOL, BENZOATE (ester)
UPDT:8401 CAS: 86-75-9 MW: 249.28 MOLFM: C16-H11-N-O2
SYN: BENZOIC ACID, 8-QUINOLYL ESTER * BENZOXIQUINE * BENZOXYLINE * BENZOXYQUINE * 8-BENZOYLOXYQUINOLINE * DIOXYLINE * 8-HYDROXYQUINOLINE BENZOATE * OXYQUINOLINE BENZOATE
MUTATION DATA AND REFERENCES:
mmo-bcs 10 mmol/L FAVUAI 6,118,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VC4582000 8-QUINOLINOL, 5-BROMO-
UPDT:8307 MW: 224.07 MOLFM: C9-H6-Br-N-O
SYN: 5-BROMO-8-OXYQUINOLINE * 5-BROMO-8-HYDROXYQUINOLINE * 5-BROMO-8-QUINOLINOL
MUTATION DATA AND REFERENCES:
mmo-bcs 10 mmol/L FAVUAI 6,118,74

VC4590000 8-QUINOLINOL, 5-CHLORO-
UPDT:8401 CAS: 130-16-5 MW: 179.61 MOLFM: C9-H6-Cl-N-O
SYN: CHLOROXYQUINOLINE * 5-CHLORO-8-QUINOLINOL
TOXICITY DATA AND REFERENCES:
* orl-gpg LDLo:1200 mg/kg PSEBAA 28,484,31
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

VC5075000 8-QUINOLINOL, 5-CHLORO-7-IODO-
UPDT:8408 CAS: 130-26-7 MW: 305.50 MOLFM: C9-H5-Cl-I-N-O
SYN: ALCHLOQUIN * AMEBIL * AMOENOL * BACTOL * BARQUINOL * BUDOFORM * CHINOFORM * 5-CHLORO-8-HYDROXY-7-IODOQUINOLINE * 5-CHLORO-7-IODO-8-HYDROXYQUINOLINE * CHLOROIODOQUINE * 5-CHLORO-7-IODO-8-QUINOLINOL * CLIOQUINOL * CLIQUINOL * ECZECIDIN * EMAFORM * ENTERO-BIO FORM * ENTERUM LOCORTEN * ENTEROQUINOL * ENTEROSEPTOL * ENTERO-VIOFORM * ENTEROZOL * ENTROKIN * HI-ENTEROL * HYDRIODIDE ENTEROL * IODOCHLOROXYQUINOLINE * IODENTEROL * IODOCHLORHYDROXYQUIN * IODOCHLORHYDROXYQUINOL * IODOCHLORHYDROXYQUINOLINE * 7-IODO-5-CHLORO-8-HYDROXYQUINOLINE * 7-IODO-5-CHLOROXINE * IODOENTEROL * NIOFORM * QUINAMBICIDE * ROMETIN * VIOFORM * VIOFORM N.N.R.
MUTATION DATA AND REFERENCES:
sln-asn 1 gm/L MUREAV 26,159,74
dnd-hmn:hla 40 umol/L ANYAA9 284,525,77
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T12T13 orl-rat TDLo:9000 mg/kg (30D pre) OYYAA2 14,75,77
3T34T76T86 orl-rat TDLo:1320 mg/kg (7-17D preg) OYYAA2 14,211,77
2T46T81 orl-rat TDLo:528 mg/kg (7-17D preg) OYYAA2 14,211,77
1T02 orl-rat TDLo:900 mg/kg (30D male) OYYAA2 14,75,77
1T03 orl-rat TDLo:1560 mg/kg (22W male) OYYAA2 14,191,77
TOXICITY DATA AND REFERENCES:
2D10D14 orl-wmn TDLo:11 gm/kg/36W LANCAO 1,1015,72

1A11	orl-hmn TDLo:1400 mg/kg/20D-I	JJMCAQ 24,195,71
*	ipr-rat LD50:3400 mg/kg	OYYAA2 14,75,77
*	orl-mus LD50:69 mg/kg	ARTODN (Suppl 2),371,79
*	ipr-mus LD50:590 mg/kg	OYYAA2 14,75,77
1L30	orl-cat LD50:400 mg/kg	AJTMAQ 24,29,44
	orl-rbt LDLo:250 mg/kg	JAMAAP 100,1658,33
1L30	orl-gpg LDLo:175 mg/kg	AJTMAQ 24,29,44

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: PRTODI 1,68,73

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VC5250000 8-QUINOLINOL, COPPER (II) chelate

UPDT:8403 CAS: 10380-28-6 MW: 351.86 MOLFM: C18-H12-Cu-N2-O2

SYN: BIOQUIN * BIOQUIN 1 * BIS(8-OXYQUINOLINE)COPPER * BIS(8-QUINOLINATO)COPPER * BIS(8-QUINOLINOLATO)COPPER * CELLU-QUIN * COPPER-8 * COPPER, BIS(8-QUINOLINOLATO-N(sup 1),O(sup 8))- * COPPER 8-HYDROXYQUINOLATE * COPPER HYDROXYQUINOLINATE * COPPER 8-HYDROXYQUINOLINATE * COPPER 8-HYDROXYQUINOLINE * COPPER OXINATE * COPPER (2+) OXINATE * COPPER OXINE * COPPER OXYQUINOLATE * COPPER OXYQUINOLINE * COPPER QUINOLATE * COPPER 8-QUINOLATE * COPPER 8-QUINOLINOLATE * COPPER 8-QUINOLINOL * COPPER QUINOLINOLATE * CUNILATE * CUNILATE 2472 * CUPRIC 8-HYDROXYQUINOLATE * CUPRIC 8-QUINOLINOLATE * DOKIRIN * FRUITDO * 8-HYDROXYQUINOLINE COPPER COMPLEX * MILMER * OXIME COPPER * OXINE COPPER * OXINE CUIVRE * OXYQUINOLINOLEATE DE CUIVRE (French) * QUINONDO

MUTATION DATA AND REFERENCES:

	mma-sat 5 ug/plate	MUREAV 116,185,83

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-mus TDLo:156 mg/kg/39W-I	JNCIAM 24,109,60

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:67 mg/kg	TXAPA9 5,599,63

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,103,77

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VC5400000 8-QUINOLINOL, 5,7-DICHLORO-, ACETATE (ester)

UPDT:8305 MW: 256.09 MOLFM: C11-H7-Cl2-N-O2

SYN: 5,7-DICHLORO-8-ACETOXYQUINOLINE * 5,7-DICHLORO-8-QUINOLINOL ACETATE (ester)

MUTATION DATA AND REFERENCES:

	mmo-bcs 10 mmol/L	FAVUAI 6,118,74

VC5403000 8-QUINOLINOL, 5,7-DICHLORO-, BENZOATE (ester)

UPDT:8305 MW: 318.16 MOLFM: C16-H9-Cl2-N-O2

SYN: 5,7-DICHLORO-8-BENZOYLOXYQUINOLINE * 5,7-DICHLORO-8-QUINOLINOL BENZOATE (ester)

MUTATION DATA AND REFERENCES:

	mmo-bcs 10 mmol/L	FAVUAI 6,118,74

VC5890000 4-QUINOLINOL, 2-HEPTYL-, 1-OXIDE

UPDT:8309 CAS: 341-88-8 MW: 259.38 MOLFM: C16-H21-N-O2

SYN: 2-HEPTYL-4-HYDROXYQUINOLINE N-OXIDE * PYO 11

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:40 mg/kg	85GDA2 5,169,81

8-QUINOLINOL, HYDROGEN SULFATE (2:1) see: VC8260000

VC6130000 8-QUINOLINOL, 7-IODO-, SULFONATE, SODIUM SALT

UPDT:8405 MW: 359.12 MOLFM: C9-H7-I-N-O3-S . Na

SYN: 7-IODO-8-QUINOLINOL SULFONATE SODIUM SALT * SODIUM IODOXYQUINOLINE SULPHONATE

TOXICITY DATA AND REFERENCES:

*	orl-gpg LDLo:900 mg/kg	PSEBAA 28,484,31

8-QUINOLINOL, MERCURY COMPLEX see: OW7000000

VC8225000 8-QUINOLINOL, 5-NITRO-

UPDT:8306 CAS: 4008-48-4 MW: 190.17 MOLFM: C9-H6-N2-O3

SYN: 5-NITRO-8-HYDROXYQUINOLINE * 5-NITRO-8-QUINOLINOL

TUMORIGENIC DATA AND REFERENCES:

2V03P62	orl-rat TDLo:13 gm/kg/52W-I	TXAPA9 8,343,66
2V03P62	orl-rat TD :26 gm/kg/52W-I	TXAPA9 8,343,66
2V03P62	orl-rat TD :52 gm/kg/52W-I	TXAPA9 8,343,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VC8238400 8-QUINOLINOL, OXALATE (salt)

UPDT:8305 MW: 235.21 MOLFM: C9-H7-N-O . C2-H2-O4

SYN: 8-HYDROXYQUINOLINE OXALATE * OXALATE of 8-OXYQUINOLINE

MUTATION DATA AND REFERENCES:

	mmo-bcs 10 mmol/L	FAVUAI 6,118,74

VC8257000 8-QUINOLINOL, SALICYLATE (salt)

UPDT:8305 MW: 269.29 MOLFM: C9-H7-N-O . C7-H6-O3

SYN: 8-HYDROXYQUINOLINE SALICYLATE * SALICYLATE of 8-OXYQUINOLINE

MUTATION DATA AND REFERENCES:

	mmo-bcs 10 mmol/L	FAVUAI 6,118,74

VC8258000 8-QUINOLINOL, SUCCINATE (salt)

UPDT:8305 MW: 249.26 MOLFM: C9-H7-N-O . C4-H6-O4

SYN: 8-HYDROXYQUINOLINE SUCCINATE * SUCCINATE of 8-OXYQUINOLINE

MUTATION DATA AND REFERENCES:

	mmo-bcs 10 mmol/L	FAVUAI 6,118,74

8-QUINOLINOL SULFATE see: VC8260000

VC8260000 8-QUINOLINOL, SULFATE (2:1) (salt)

UPDT:8309 CAS: 134-31-6 MW: 388.42 MOLFM: C18-H14-N2-O2 . H2-O4-S

SYN: CHINOSOL * CRYPTONOL * HAPPY * 8-HYDROXY-CHINOLIN SULFAT (German) * 8-HYDROXYQUINOLINE SULFATE * OCTOFEN * OXINE SULFATE * OXYQUINOLINE SULFATE * 8-QUINOLINOL HYDROGEN SULFATE (2:1) * 8-QUINOLINOL SULFATE * SULFATO DI 8-OSSICHINOLINA * SUNOXOL * SUPEROL

MUTATION DATA AND REFERENCES:

	mma-sat 100 ug/plate	MIGIA6 31,263,79
	mma-sat 20 ug/plate	MUREAV 39,285,77
	dni-sat 250 ug/disc	MUREAV 39,285,77
	cyt-hmn:leu 10 umol/L	MUREAV 39,285,77
	cyt-hmn:lym 13 umol/L	MUREAV 6,309,68
	sce-hmn:lym 10 umol/L	ENMUDM 2,191,80

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2038 mg/kg	85DPAN -,-,71/76
	orl-mus LD50:280 mg/kg	85DPAN -,-,71/76
*	orl-gpg LDLo:1200 mg/kg	PSEBAA 28,484,31
*	orl-mam LD50:1200 mg/kg	FMCHA2 -,C50,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

VC8273300 8-QUINOLINOL, 1,1'-TRIMETHYLENEBIS(4,1-PIPERIDYLENEMETHYLENE)BIS-

UPDT:8408 MW: 526.79 MOLFM: C33-H42-N4-O2

SYN: 1,1'-TRIMETHYLENEBIS(4,1-PIPERIDYLENEMETHYLENE)BIS(8-QUINOLINOL)

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:110 mg/kg	BCFAAI 121,408,82

VC8282000 2(1H)-QUINOLINONE, 5-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)-3,4-DIHYDRO-, MONOHYDROCHLORIDE

UPDT:8403 CAS: 51781-21-6 MW: 328.88 MOLFM: C16-H24-N2-O3 . Cl-H

SYN: ABBOTT-43326 * 5-(3-tert-BUTYLAMINO-2-HYDROXY)PROPOXY-3,4-DIHYDROCARBOSTYRIL HYDDROCHLORIDE * 5-(3-tert-BUTYLAMINO-2-HYDROXY-PROPOXY)-3,4-DIHYDRO-2(1H)-CHINOLINON-HYDROCHLORID (German) * CARTEOLOL HYDROCHLORIDE * ENDAK * ENDAK mite * MIKELAN * OC 1085 * OPC 1085

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	orl-rat TDLo:21 mg/kg (9-15D preg)	OYYAA2 11,221,76
3T42T46T81	orl-mus TDLo:4350 mg/kg (15-22D preg/21D post)	JTSCDR 4,59,79
1T71	orl-mus TDLo:24 mg/kg (15-22D preg)	JTSCDR 4,59,79
1T46	orl-mus TDLo:525 mg/kg (7-13D preg)	OYYAA2 11,211,76
1T25	orl-mus TDLo:6975 mg/kg (73D male/2W pre-6D preg)	JTSCDR 4,47,79
1T46	orl-rbt TDLo:36 mg/kg (7-18D preg)	OYYAA2 11,231,76

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1330 mg/kg	NIIRDN 6,180,82
*	ipr-rat LD50:390 mg/kg	NIIRDN 6,180,82
*	scu-rat LD50:1950 mg/kg	NIIRDN 6,180,82
*	ivn-rat LD50:153 mg/kg	NIIRDN 6,180,82
2E01H06	orl-mus LD50:810 mg/kg	ARZNAD 33,290,83
2E01H06	inr-mus LD50:375 mg/kg	ARZNAD 33,290,83
*	scu-mus LD50:600 mg/kg	IYKEDH 12,668,81
*	ivn-mus LD50:54500 ug/kg	IYKEDH 12,668,81
*	orl-dog LD50:830 mg/kg	ARZNAD 33,290,83
*	orl-rbt LD50:740 mg/kg	NIIRDN 6,180,82
*	ivn-rbt LD50:112 mg/kg	NIIRDN 6,180,82

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VC8296000 2(1H)-QUINOLINONE, 8-HYDROXY-5-(1-HYDROXY-2-((1-METHYLETHYL)AMINO)BUTYL)-, MONOHYDROCHLORIDE, (R*,S*)-(+-)-

UPDT:8411 CAS: 62929-91-3 MW: 326.86 MOLFM: C16-H22-N2-O3 . Cl-H

SYN: OPC 2009 * PROCATEROL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2600 mg/kg	MEIEDD 10,1117,83
*	ipr-rat LD50:503 mg/kg	NIIRDN 6,719,82
*	scu-rat LD50:900 mg/kg	NIIRDN 6,719,82
*	ivn-rat LD50:80 mg/kg	MEIEDD 10,1117,83
*	orl-mus LD50:3200 mg/kg	NIIRDN 6,719,82
*	ipr-mus LD50:330 mg/kg	NIIRDN 6,719,82
*	scu-mus LD50:370 mg/kg	NIIRDN 6,719,82
*	ivn-mus LD50:83 mg/kg	NIIRDN 6,719,82
*	ivn-dog LD50:100 mg/kg	NIIRDN 6,719,82
*	ivn-rbt LD50:83 mg/kg	NIIRDN 6,719,82

VC8298500 4(1H)-QUINOLINONE, 3-METHYL-2-(PENTYLIDENECYCLOPROPYL)-, (+)-

UPDT:8309 CAS: 68978-12-1 MW: 267.40 MOLFM: C18-H21-N-O

SYN: ANTIBIOTIC G 1499-2 * G 1499-2 * (+)-3-METHYL-2-(PENTYLIDENECYCLOPROPYL)-4(1H)-QUINOLINONE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:500 mg/kg	85GDA2 5,173,81

VC8424000 QUINOLIZINE, 3-(p-CHLOROBENZYL)OCTAHYDRO-, TARTRATE (1:1)

UPDT:8406 CAS: 34255-03-3 MW: 413.94 MOLFM: C16-H22-Cl-N . C4-H6-O6

SYN: 3-(p-CHLOROBENZYL)QUINOLIZIDINE TARTRATE * CLOQUINOZINE TARTRATE * QB 1

TOXICITY DATA AND REFERENCES:

3F12F20F23	ivn-rat LD50:45 mg/kg	JJPAAZ 16,353,66
3F12F20F23	scu-mus LD50:430 mg/kg	JJPAAZ 16,353,66
3F12F20F23	ivn-mus LD50:31800 ug/kg	JJPAAZ 16,353,66

2H-QUINOLIZINE, 2-axial-(3-CHLOROPHENYL)-2-equatorial-HYDROXY- see: VC8610200

2H-QUINOLIZINE, 2-equatorial-(4-CHLOROPHENYL)-2-axial-HYDROXY- see: VC8610100

2H-QUINOLIZINE, 2-axial-(4-CHLOROPHENYL)-2-equatorial-HYDROXY-OCTAHYDRO- see: VC8610300

VC8608000 QUINOLIZINIUM, DECAHYDRO-3-(DI(2-THIENYL)METHYLENE)-5-METHYL-, BROMIDE, (E)-

UPDT:8401 CAS: 71731-58-3 MW: 410.47 MOLFM: C19-H24-N-S2 . Br

SYN: 3-(DI(2-THIENYL)METHYLENE)-5-METHYLDECAHYDROQUINOLIZINIUM BROMIDE * 3-(DI-2-THIENYLMETHYLENE)-5-METHYL-trans-QUINOLIZIDINIUM BROMIDE * HSR-902

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:17500 mg/kg (35D male)	OYYAA2 23,9,82
1T46	orl-rbt TDLo:1300 mg/kg (6-18D preg)	AMBNAS 28,7,80
1T25	orl-rbt TDLo:2500 mg/kg (6-18D preg)	AMBNAS 28,7,80
1T34	orl-rbt TDLo:3900 mg/kg (6-18D preg)	AMBNAS 28,7,80

TOXICITY DATA AND REFERENCES:

3D16F12J22	orl-rat LD50:1177 mg/kg	OYYAA2 23,1,82
3D16F12J22	ipr-rat LD50:70500 ug/kg	OYYAA2 23,1,82
3D16F12J22	scu-rat LD50:169 mg/kg	OYYAA2 23,1,82
3D16F12J22	ivn-rat LD50:11400 ug/kg	OYYAA2 23,1,82
3D16F12J22	orl-mus LD50:578 mg/kg	OYYAA2 23,1,82
3D16F12J22	ipr-mus LD50:83700 ug/kg	OYYAA2 23,1,82
3D16F12J22	scu-mus LD50:82100 ug/kg	OYYAA2 23,1,82
3D16F12J22	ivn-mus LD50:10300 ug/kg	OYYAA2 23,1,82
3D16F12J22	orl-dog LD50:662 mg/kg	OYYAA2 23,1,82
3D16F12J22	ipr-dog LD50:56700 ug/kg	OYYAA2 23,1,82
3D16F12J22	scu-dog LD50:129 mg/kg	OYYAA2 23,1,82
3D16F12J22	ivn-dog LD50:14200 ug/kg	OYYAA2 23,1,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VC8608050 QUINOLIZINIUM, 2-((3,4-DICHLOROPHENYL)AMINO)-, BROMIDE

UPDT:8412 CAS: 40759-33-9 MW: 370.09 MOLFM: C15-H11-Cl2-N2 . Br

TOXICITY DATA AND REFERENCES:

2F07F18	orl-rat LDLo:1600 mg/kg	ARZNAD 26,347,76

VC8608100 2H-QUINOLIZINIUM, OCTAHYDRO-1-HYDROXY-5-METHYL-, BROMIDE, ACETATE (ester)

UPDT:8406 CAS: 17943-37-2 MW: 292.26 MOLFM: C12-H22-N-O2 . Br

SYN: trans-1-HYDROXY-5-METHYL-OCTAHYDRO-2H-QUINOLIZINIUM BROMIDE ACETATE (ester)

TOXICITY DATA AND REFERENCES:

3D28F17F25	ipr-mus LD50:93 mg/kg	JMCMAR 11,353,68

VC8608200 2H-QUINOLIZINIUM, OCTAHYDRO-1-HYDROXY-5-METHYL-, BROMIDE, ACETATE (ester), (Z)-

UPDT:8406 CAS: 17943-58-7 MW: 292.26 MOLFM: C12-H22-N-O2 . Br

SYN: cis-1-HYDROXY-5-METHYLOCTAHYDRO-2H-QUINOLIZINIUM BROMIDE ACETATE (ester)

TOXICITY DATA AND REFERENCES:

2C09F17	ipr-mus LD50:154 mg/kg	JMCMAR 11,353,68

VC8608300 2H-QUINOLIZINIUM, OCTAHYDRO-1-HYDROXY-5-METHYL-, BROMIDE, BUTYRATE (ester), (E)-

UPDT:8407 CAS: 17934-75-7 MW: 320.32 MOLFM: C14-H26-N-O2 . Br

SYN: trans-1-HYDROXY-5-METHYLOCTAHYDRO-2H-QUINOLIZINIUM BROMIDE BUTYRATE (ester)

TOXICITY DATA AND REFERENCES:

3C09F11F17	ipr-mus LD50:261 mg/kg	JMCMAR 11,353,68

VC8608400 2H-QUINOLIZINIUM, OCTAHYDRO-1-HYDROXY-5-METHYL-, BROMIDE, HEPTANOATE, (E)-

UPDT:8406 CAS: 17943-45-2 MW: 362.41 MOLFM: C17-H32-N-O2 . Br

SYN: trans-1-HYDROXY-5-METHYLOCTAHYDRO-2H-QUINOLIZINIUM BROMIDE HEPTANOATE

TOXICITY DATA AND REFERENCES:

3C09F11F17	ipr-mus LD50:121 mg/kg	JMCMAR 11,353,68

VC8608500 2H-QUINOLIZINIUM, OCTAHYDRO-1-HYDROXY-5-METHYL-, BROMIDE, ISOBUTYRATE (ester)
UPDT:8406 CAS: 17943-54-3 MW: 320.32 MOLFM: C14-H26-N-O2 Br
SYN: trans-1-HYDROXY-5-METHYLOCTAHYDRO-2H-QUINOLIZINIUM BROMIDE ISOBUTYRATE (ester)
TOXICITY DATA AND REFERENCES:
3C09F11F17 ipr-mus LD50:83 mg/kg JMCMAR 11,353,68

VC8608600 2H-QUINOLIZINIUM, OCTAHYDRO-1-HYDROXY-5-METHYL-, BROMIDE, ISOBUTYRATE (ester), (Z)-
UPDT:8406 MW: 320.32 MOLFM: C14-H26-N-O2 Br
SYN: cis-1-HYDROXY-5-METHYLOCTAHYDRO-2H-QUINOLIZINIUM BROMIDE ISOBUTYRATE (ester)
TOXICITY DATA AND REFERENCES:
3D28F17F25 ipr-mus LD50:72 mg/kg JMCMAR 11,353,68

VC8608700 2H-QUINOLIZINIUM, OCTAHYDRO-1-HYDROXY-5-METHYL-, BROMIDE, PROPIONATE (ester), (E)-
UPDT:8406 CAS: 17934-72-4 MW: 306.29 MOLFM: C13-H24-N-O2 Br
SYN: trans-1-HYDROXY-5-METHYLOCTAHYDRO-2H-QUINOLIZINIUM BROMIDE PROPIONATE (ester)
TOXICITY DATA AND REFERENCES:
3C09F11F17 ipr-mus LD50:83 mg/kg JMCMAR 11,353,68

VC8608800 2H-QUINOLIZINIUM, OCTAHYDRO-1-HYDROXY-5-METHYL-, BROMIDE, PROPIONATE (ester), (Z)-
UPDT:8407 MW: 306.29 MOLFM: C13-H24-N-O2 Br
SYN: cis-1-HYDROXY-5-METHYLOCTAHYDRO-2H-QUINOLIZINIUM BROMIDE PROPIONATE (ester)
TOXICITY DATA AND REFERENCES:
2C09F11 ipr-mus LD50:77 mg/kg JMCMAR 11,353,68

VC8608900 2H-QUINOLIZINIUM, OCTAHYDRO-1-HYDROXY-5-METHYL-, BROMIDE, VALERATE (ester)
UPDT:8406 CAS: 17943-42-9 MW: 334.35 MOLFM: C15-H28-N-O2 Br
SYN: trans-1-HYDROXY-5-METHYLOCTAHYDRO-2H-QUINOLIZINIUM BROMIDE VALERATE (ester)
TOXICITY DATA AND REFERENCES:
2C09F11 ipr-mus LD50:178 mg/kg JMCMAR 11,353,68

VC8609000 2H-QUINOLIZIN-1-OL, OCTAHYDRO-, ACETATE (ester), HYDROCHLORIDE, (E)-
UPDT:8406 CAS: 18122-51-5 MW: 233.77 MOLFM: C11-H19-N-O2 Cl-H
SYN: trans-OCTAHYDRO-2H-QUINOLIZIN-1-OL ACETATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F11F17 ipr-mus LD50:709 mg/kg JMCMAR 11,353,68

VC8609100 2H-QUINOLIZIN-1-OL, OCTAHYDRO-, ACETATE (ester), HYDROCHLORIDE, (Z)-
UPDT:8406 CAS: 17943-56-5 MW: 233.77 MOLFM: C11-H19-N-O2 Cl-H
SYN: cis-OCTAHYDRO-2H-QUINOLIZIN-1-OL ACETATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F11 ipr-mus LD50:446 mg/kg JMCMAR 11,353,68

VC8610100 2H-QUINOLIZIN-2-axial-OL, OCTAHYDRO-2-equatorial-(4-CHLOROPHENYL)-
UPDT:8406 CAS: 57661-25-3 MW: 265.81 MOLFM: C15-H20-Cl-N-O
SYN: 2-axial-HYDROXY-2-equatorial-(4-CHLOROPHENYL)QUINOLIZIDINE * 2H-QUINOLIZINE, 2-equatorial-(4-CHLOROPHENYL)-2-axial-HYDROXY
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:229 mg/kg JMCMAR 19,122,76

VC8610200 2H-QUINOLIZIN-2-equatorial-OL, OCTAHYDRO-2-axial-(3-CHLOROPHENYL)-
UPDT:8406 CAS: 57661-28-6 MW: 265.81 MOLFM: C15-H20-Cl-N-O
SYN: 2-equatorial-HYDROXY-2-axial-(3-CHLOROPHENYL)QUINOLIZIDINE * 2H-QUINOLIZINE, 2-axial-(3-CHLOROPHENYL)-2-equatorial-HYDROXY-
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:180 mg/kg JMCMAR 19,122,76

VC8610300 2H-QUINOLIZIN-2-equatorial-OL, OCTAHYDRO-2-axial-(4-CHLOROPHENYL)-
UPDT:8406 CAS: 57661-24-2 MW: 265.81 MOLFM: C15-H20-Cl-N-O
SYN: 2-equatorial-HYDROXY-2-axial-(4-CHLOROPHENYL)QUINOLIZIDINE * 2H-QUINOLIZINE, 2-axial-(4-CHLOROPHENYL)-2-equatorial-HYDROXY-OCTAHYDRO-
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:67 mg/kg JMCMAR 19,122,76

VC8610400 2H-QUINOLIZIN-3-axial-OL, OCTAHYDRO-3-equatorial-(3,4-DIMETHOXYPHENYL)-
UPDT:8406 MW: 291.43 MOLFM: C17-H25-N-O3
SYN: OCTAHYDRO-3-equatorial-(3,4-DIMETHOXYPHENYL)-2H-QUINOLIZIN-3-axial-OL
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:300 mg/kg JMCMAR 17,726,74

VC8610600 2H-QUINOLIZIN-3-equatorial-OL, OCTAHYDRO-3-axial-(3,4-DIMETHOXYPHENYL)-
UPDT:8406 MW: 291.43 MOLFM: C17-H25-N-O3
SYN: OCTAHYDRO-3-axial-(3,4-DIMETHOXYPHENYL)-2H-QUINOLIZIN-3-equatorial-OL
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:750 mg/kg JMCMAR 17,726,74

VC8610700 2H-QUINOLIZIN-1-OL, OCTAHYDRO-, DIMETHYLCARBAMATE (ester), MONOHYDROCHLORIDE, (E)-
UPDT:8406 CAS: 17943-33-8 MW: 226.36 MOLFM: C12-H22-N2-O2
SYN: trans-OCTAHYDRO-2H-QUINOLIZIN-1-OL DIMETHYLCARBAMATE (ester) MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F11 ipr-mus LD50:328 mg/kg JMCMAR 11,353,68

VC8610800 2H-QUINOLIZIN-1-OL, OCTAHYDRO-, DIMETHYLCARBAMATE (ester), MONOHYDROCHLORIDE, (Z)-
UPDT:8406 MW: 262.82 MOLFM: C12-H22-N2-O2 Cl-H
SYN: cis-OCTAHYDRO-2H-QUINOLIZIN-1-OL DIMETHYLCARBAMATE ESTER MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F11F17 ipr-mus LD50:383 mg/kg JMCMAR 11,353,68

VC8610900 2H-QUINOLIZIN-3-axial-OL, OCTAHYDRO-3-equatorial-(4-HYDROXYPHENYL)-
UPDT:8406 MW: 247.37 MOLFM: C15-H21-N-O2
SYN: OCTAHYDRO-3-equatorial-(4-HYDROXYPHENYL)-2H-QUINOLIZIN-3-axial-OL
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:300 mg/kg JMCMAR 17,726,74

VC8611500 2H-QUINOLIZIN-3-equatorial-OL, OCTAHYDRO-3-axial-(4-HYDROXYPHENYL)-
UPDT:8406 MW: 247.37 MOLFM: C15-H21-N-O2
SYN: OCTAHYDRO-3-axial-(4-HYDROXYPHENYL)-2H-QUINOLIZIN-3-equatorial-OL
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:300 mg/kg JMCMAR 17,726,74

VC8612000 2H-QUINOLIZIN-1-OL, OCTAHYDRO-, ISOBUTYRATE (ester), HYDROCHLORIDE, (E)-
UPDT:8406 CAS: 17943-28-1 MW: 261.83 MOLFM: C13-H23-N-O2 Cl-H
SYN: trans-OCTAHYDRO-2H-QUINOLIZIN-1-OL ISOBUTYRATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3D28F17F25 ipr-mus LD50:892 mg/kg JMCMAR 11,353,68

VC8612500 2H-QUINOLIZIN-1-OL, OCTAHYDRO-, ISOBUTYRATE (ester), HYDROCHLORIDE, (Z)-
UPDT:8406 MW: 261.83 MOLFM: C13-H23-N-O2 Cl-H
SYN: cis-OCTAHYDRO-2H-QUINOLIZIN-1-OL ISOBUTYRATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3D28F17F25 ipr-mus LD50:242 mg/kg JMCMAR 11,353,68

VC8614300 2H-QUINOLIZIN-1-OL, OCTAHYDRO-, 2-METHYLBUTYRATE (ester), HYDROCHLORIDE, (E)-
UPDT:8406 CAS: 16899-89-1 MW: 275.86 MOLFM: C14-H25-N-O2 Cl-H
SYN: trans-OCTAHYDRO-2H-QUINOLIZIN-1-OL 2-METHYLBUTYRATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F11F17 ipr-mus LD50:562 mg/kg JMCMAR 11,353,68

VC8614400 2H-QUINOLIZIN-1-OL, OCTAHYDRO-, VERATRATE (ester), HYDROCHLORIDE, (E)-
UPDT:8406 MW: 355.90 MOLFM: C18-H25-N-O4 Cl-H
SYN: trans-OCTAHYDRO-2H-QUINOLIZIN-1-OL VERATRATE (ester) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:383 mg/kg JMCMAR 11,353,68

VC8618000 4(1H)-QUINOLONE, 1-METHYL-
UPDT:8403 CAS: 83-54-5 MW: 159.20 MOLFM: C10-H9-N-O
SYN: 1,4-DIHYDRO-1-METHYL-4-OXOQUINOLINE * ECHINOPSINE * 1-METHYL-4(1H)-QUINOLINONE * N-METHYL-4-QUINOLONE * 1-METHYL-4(1H) QUINOLONE
TOXICITY DATA AND REFERENCES:
* unk-mus LDLo:600 mg/kg MEIEDD 10,506,83

N-(4-QUINOLYL)ACETOHYDROXAMIC ACID see: AL1400000
2-((2-QUINOLYLMETHYL)AMINO)ETHANESULFONIC ACID see: KI8000000
2-(2-QUINOLYL)THIOACETAMIDE see: VA9295000
QUINOMETHIONATE see: FG1400000
QUINOMYCIN see: JW5250000
QUINOMYCIN A see: JW5250000
QUINONDO see: VC5250000
QUINONE see: DK2625000
o-QUINONE see: DK2490000
p-QUINONE see: DK2625000
QUINONE DIOXIME see: DK4900000
p-QUINONE DIOXIME see: DK4900000
para-QUINONE OXIME see: DK4900000
QUINONE OXIME BENZOYLHYDRAZONE see: DH6125000
QUINOPHENOL see: VC4200000
QUINORA see: VA5950000
QUINOSCAN see: VB2360000
QUINOSEPTYL see: WP0400000
QUINOTHIONATE see: FG2700000
QUINOTILINE see: VC3656000

VD1423000 QUINOXALINE, 2,3-BIS(BROMOMETHYL)-6-FLUORO-, 1,4-DIOXIDE
UPDT:8311 MW: 366.01 MOLFM: C10-H7-Br2-F-N2-O2
SYN: 2,3-BIS(BROMOMETHYL)-6-FLUORO-QUINOXALINE 1,4-DIOXIDE * 6-FLUORO-2,3-BIS(BROMOMETHYL)QUINOXALINE 1,4-DI-N-OXIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:500 mg/kg RPTOAN 45,217,82

VD1576000 2-QUINOXALINECARBOXALDEHYDE, 3-PHENYL-, 1,4-DIOXIDE
UPDT:8305 CAS: 81485-18-9 MW: 266.27 MOLFM: C15-H10-N2-O3
SYN: DX1 * 3-PHENYL-2-FORMYL-QUINOXALINE 1,4-DIOXIDE * 3-PHENYL-2-QUINOXALINECARBOXALDEHYDE 1,4-DIOXIDE
MUTATION DATA AND REFERENCES:
mmo-sat 4 mg/L ENVIDV 5,141,81
mma-sat 4 mg/L ENVIDV 5,141,81

VD1582000 2-QUINOXALINECARBOXAMIDE, N-(2-HYDROXYETHYL)-3-METHYL-, 1,4-DIOXIDE
UPDT:8408 CAS: 23696-28-8 MW: 263.28 MOLFM: C12-H13-N3-O4
SYN: BAYONOX * N-(2-HYDROXYETHYL)-3-METHYL-2-QUINOXALINECARBOXAMIDE 1,4-DIOXIDE * OLAQUINDOX
MUTATION DATA AND REFERENCES:
mmo-sat 2500 ng/plate MUREAV 90,49,81
mma-sat 2500 ng/plate MUREAV 90,49,81
dnr-sat 1 ug/disc MUREAV 90,49,81
dnr-bcs 1 ug/disc MUREAV 90,49,81
mnt-rat-ipr 120 mg/kg MUREAV 116,129,83
cyt-mus-orl 200 mg/kg MUREAV 117,311,83
sce-ham:lng 500 mg/L MUREAV 139,199,84

VD1583000 2-QUINOXALINECARBOXAMIDE, 3-(HYDROXYMETHYL)-, 1,4-DIOXIDE
UPDT:8402 MW: 235.22 MOLFM: C10-H9-N3-O4
SYN: 2-HYDROXYMETHYLQUINOXALINE-3-CARBOXAMIDE DI-N-OXIDE * 3-(HYDROXYMETHYL)-2-QUINOXALINECARBOXAMIDE 1,4-DIOXIDE
MUTATION DATA AND REFERENCES:
mmo-sat 50 mg/L PCJOAU 16,903,82

VD1584000 2-QUINOXALINECARBOXYLIC ACID, 3-(HYDROXYMETHYL)-, 1,4-DIOXIDE
UPDT:8402 MW: 236.20 MOLFM: C10-H8-N2-O5
SYN: 2-HYDROXYMETHYLQUINOXALINE-3-CARBOXYLIC ACID DI-N-OXIDE * 3-(HYDROXYMETHYL)-2-QUINOXALINECARBOXYLIC ACID 1,4-DIOXIDE
MUTATION DATA AND REFERENCES:
mmo-sat 50 mg/L PCJOAU 16,903,82

VD1650000 2,3-QUINOXALINEDIMETHANOL, DIACETATE (ESTER), 1-4-DIOXIDE
UPDT:8311 CAS: 10103-89-6 MW: 306.30 MOLFM: C14-H14-N2-O6
SYN: CHINOXIDIN * QUINOXIDINE
MUTATION DATA AND REFERENCES:
mmo-sat 750 ug/L PCJOAU 12,306,78
mma-sat 5 mg/L PCJOAU 12,306,78
dnr-esc 100 ug/L PCJOAU 16,721,82
sln-dmg-orl 100 mg/L PCJOAU 12,306,78
dlt-dmg-orl 100 mg/L PCJOAU 12,306,78
hma-mus/sat 1 mg/kg PCJOAU 12,306,78

VD1850000 2,3-QUINOXALINEDIMETHANOL, DIACETATE
UPDT:8311 MW: 274.30 MOLFM: C14-H14-N2-O4
SYN: QUINOXIDINE
MUTATION DATA AND REFERENCES:
mma-sat 1 gm/plate PCJOAU 12,35,78
dnr-esc 100 ug/L PCJOAU 16,721,82

VD1860000 2,3-QUINOXALINEDIMETHANOL, DIACETATE, 1,4-DIOXIDE
UPDT:8402 MW: 306.30 MOLFM: C14-H14-N2-O6
SYN: 2,3-BIS(ACETOXYMETHYL)QUINOXALINE DI-N-OXIDE
MUTATION DATA AND REFERENCES:
mmo-sat 2 mg/L PCJOAU 16,903,82

VD1900000 2,3-QUINOXALINEDIMETHANOL, 1,4-DIOXIDE
UPDT:8405 CAS: 17311-31-8 MW: 222.22 MOLFM: C10-H10-N2-O4
SYN: 2,3-BIS(HYDROXYMETHYL)QUINOXALINE DI-N-OXIDE * 1,4-DI-N-OXIDE 2,3-BIS(OXYMETHYL)QUINOXLINE * 1,4-DI-N-OXIDE of DIHYDROXYMETHYLQUINOXALINE * DIOXIDIN * DIOXIDINE * DIOXYDINE
MUTATION DATA AND REFERENCES:
mmo-sat 750 ug/L CYGEDX 14(1),57,80
mma-sat 200 uL/plate/30M SOGEBZ 14,640,78
mmo-esc 4 mg/L CYGEDX 14(1),57,80
dnr-esc 100 ug/L PCJOAU 16,721,82
pic-esc 30 mg/L TGANAK 16(6),38,82
mmo-omi 4 mg/L PCJOAU 12,1271,78
sln-dmg-orl 15 gm/L/72H SOGEBZ 14,640,78
dlt-dmg-orl 15 gm/L/72H SOGEBZ 14,640,78
cyt-mus-ipr 140 mg/kg PCJOAU 12,169,78
cyt-mus-orl 270 mg/kg PCJOAU 15,75,81
cyt-mus-ivn 270 mg/kg PCJOAU 15,75,81
dlt-mus-unk 270 mg/kg SOGEBZ 14,640,78

dit-mus ipr 80 mg/kg PCJOAU 12,169,78
hma-mus/sat 1 mg/kg SOGEBZ 14,640,78
spm-mus-unk 270 mg/kg SOGEBZ 14,640,78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25135 scu-rat TDLo:300 mg/kg (11D preg) FATOAO 45(6),85,82
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg PCJOAU 14,440,80
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VD1920000 QUINOXALINE-2,3-DIMETHANOL, 6-FLUORO-, 1,4-DIOXIDE
UPDT:8311 MW: 240.21 MOLFM: C10-H9-F-N2-O4
SYN: 6-FLUORO-2,3-BIS(HYDROXYMETHYL)QUINOXALINE 1,4-DI-N-OXIDE * 6-FLUORO-QUINOXALINE-2,3-DIMETHANOL 1,4-DIOXIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:500 mg/kg RPTOAN 45,217,82

VD1980000 QUINOXALINE, 5-((p-(DIMETHYLAMINO)PHENYL)AZO)-
UPDT:8401 CAS: 23521-13-3 MW: 277.36 MOLFM: C16-H15-N5
SYN: 5-((p-(DIMETHYLAMINO)PHENYL)AZO)QUINOXALINE * N,N-DIMETHYL-p-(5-QUINOXALYLAZO)ANILINE
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:2200 mg/kg/17W-C JMCMAR 12,1113,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VD2000000 QUINOXALINE, 6-((p-(DIMETHYLAMINO)PHENYL)AZO)-
UPDT:8401 CAS: 23521-14-4 MW: 277.36 MOLFM: C16-H15-N5
SYN: 6-((p-(DIMETHYLAMINO)PHENYL)AZO)QUINOXALINE * N,N-DIMETHYL-p-(6-QUINOXALINYLAZO)ANILINE * N,N-DIMETHYL-p-(6-QUINOXALYLAZO)ANILINE
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-rat TDLo:1100 mg/kg/60D-C JMCMAR 12,1113,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QUINOXALINE DIOXIDE see: VD2275000
QUINOXALINE DI-N-OXIDE see: VD2275000

VD2275000 QUINOXALINE, 1,4-DIOXIDE
UPDT:8408 CAS: 2423-66-7 MW: 162.16 MOLFM: C8-H6-N2-O2
SYN: GROFAS * QUINDOXIN * QUINOXALINE DIOXIDE * QUINOXALINE DI-N-OXIDE * QUINOXALINE 1,4-DI-N-OXIDE * USAF H-1
MUTATION DATA AND REFERENCES:
mmo-sat 5 ug/plate CPBTAL 27,1954,79
mmo-sat 5 ug/plate CPBTAL 27,1954,79
dnr-sat 100 ug/disc AMACCQ 20,151,81
sce-ham:lng 500 mg/L MUREAV 139,199,84
TUMORIGENIC DATA AND REFERENCES:
3V01D09L60 orl-rat TDLo:5400 mg/kg/77W-C JNCIAM 55,137,75
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:500 mg/kg NTIS** AD277-689
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

QUINOXALINE 1,4-DI-N-OXIDE see: VD2275000

VD2350000 QUINOXALINE, 2,3-DIPHENYL-, 1,4-DIOXIDE
UPDT:8408 MW: 314.36 MOLFM: C20-H14-N2-O2
SYN: 2,3-DIPHENYLQUINOXALINE 1,4-DIOXIDE
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate CPBTAL 28,1347,80
mmo-sat 1 umol/plate CPBTAL 28,1347,80

2,3-QUINOXALINEDITHIOL, 6-METHYL-, CYCLIC CARBONATE see: FG1400000
2,3-QUINOXALINEDITHIOL, 6-METHYL-, CYCLIC DITHIOCARBONATE (ESTER) see: FG1400000
2,3-QUINOXALINEDITHIOL, cyclic TRITHIOCARBONATE see: FG2700000
QUINOXALINE-2,3-DIYL TRITHIOCARBONATE see: FG2700000

VD3518000 QUINOXALINE, 5-NITRO-
UPDT:8305 CAS: 18514-76-6 MW: 175.16 MOLFM: C8-H5-N3-O2
SYN: 5-NITROQUINOXALINE
MUTATION DATA AND REFERENCES:
mmo-esc 15 mg/L JGMIAN 18,543,58

VD3638000 2(1H)-QUINOXALINONE, 6-ACETYL-1-(3-(DIMETHYLAMINO)PROPYL)-3-METHYL-
UPDT:8312 MW: 287.40 MOLFM: C16-H21-N3-O2
SYN: 6-ACETYL-1-(3-(DIMETHYLAMINO)PROPYL)-3-METHYL-2(1H)-QUINOXALINONE
TOXICITY DATA AND REFERENCES:
3F11F12H05 scu-rat LD50:362 mg/kg FRPSAX 38,330,83

VD3645000 2(1H)-QUINOXALINONE, 1-(3-(DIMETHYLAMINO)PROPYL)-6-METHOXY-3-METHYL-
UPDT:8312 MW: 275.39 MOLFM: C15-H21-N3-O2
SYN: 1-(3-(DIMETHYLAMINO)PROPYL)-6-METHOXY-3-METHYL-2(1H)-QUINOXALINONE
TOXICITY DATA AND REFERENCES:
3F11F12H05 scu-rat LD50:620 mg/kg FRPSAX 38,330,83

VD3646000 2(1H)-QUINOXALINONE, 1-(3-(DIMETHYLAMINO)PROPYL)-3-METHYL-6-(TRIFLUOROMETHYL)-
UPDT:8312 MW: 313.36 MOLFM: C15-H18-F3-N3-O
SYN: 1-(3-(DIMETHYLAMINO)PROPYL)-3-METHYL-6-(TRIFLUOROMETHYL)-2(1H)-QUINOXALINONE
TOXICITY DATA AND REFERENCES:
3F11F12H05 scu-rat LD50:108 mg/kg FRPSAX 38,330,83

VD3655000 QUINOXALINO(2,3-b)PHENAZINE, 5,12-DIHYDRO-, SULFONATE, SODIUM SALT (1:2:2)
UPDT:8303 MW: 490.44 MOLFM: C18-H12-N4-2O3-S-2Na
SYN: SODIUM 5,12-DIHYDROAZAPENTACENE DISULFONATE
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:1900 mg/kg NIIRDN 6,328,82
* ivn-rat LD50:1190 mg/kg NIIRDN 6,328,82

(2,3-QUINOXALINYLDITHIO)DIMETHYLTIN see: WH7526700
(2,3-QUINOXALINYLDITHIO)DIPHENYLTIN see: WH8599000
N-(2-QUINOXALINYL)SULFANILAMIDE see: WP2100000
N'-2-QUINOXALYLSULFANILAMIDE see: WP2100000
QUINOXIDINE see: VD1650000
QUINOXIDINE see: VD1850000
QUINOXYL see: VC2800000
QUINPYRROLIDINE see: VC2525000 QUINOLINE, 4-(2-(1-PYRROLIDINYL)ETHOXY)-
QUINQUINA PITON EXTRACT (French) see: LF2976970
QUINQUINA de SAINTE LUCIE EXTRACT (French) see: LF2976970
QUINSORB 010 see: DJ0700000
QUINTAR see: QL7525000
QUINTAR 540F see: QL7525000
QUINTESS-N see: QP4375000
QUINTOCENE see: DA6650000
QUINTOMYCIN C see: WK2315000
QUINTOX see: IO1750000
QUINTOZENE see: DA6650000
QUINTRATE see: RZ2620000

VD4824140 3-QUINUCLIDINEMETHANOL, alpha-CYCLOHEXYL-, HYDROCHLORIDE
UPDT:8408 MW: 259.86 MOLFM: C14-H25-N-O-Cl-H
SYN: CARBINOL, 3-QUINUCLIDYLCYCLOHEXYL-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:72 mg/kg PCJOAU 11,169,77

VD4824160 3-QUINUCLIDINEMETHANOL, alpha-CYCLOHEXYL-alpha-PHENYL-, HYDROCHLORIDE
UPDT:8408 MW: 329.90 MOLFM: C20-H23-N-O-Cl-H
SYN: CARBINOL, (3-QUINUCLIDYL) CYCLOHEXYL PHENYL, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:67 mg/kg PCJOAU 11,169,77

VD4830000 3-QUINUCLIDINEMETHANOL, alpha,alpha-DIPHENYL-, HYDROCHLORIDE
UPDT:8412 CAS: 10447-38-8 MW: 329.90 MOLFM: C20-H23-N-O-Cl-H
SYN: alpha,alpha-DIPHENYL-3-QUINUCLIDINEMETHANOL HYDROCHLORIDE * FENCAROL * FENKAROL * PHENCAROL * QUINUCLIDYL-3-DIPHENYLCARBINOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:440 mg/kg RPTOAN 40,42,77
orl-mus LD50:370 mg/kg RPTOAN 40,42,77
ivn-mus LD50:62 mg/kg RPTOAN 40,42,77
3H01J03S06 orl-gpg LD50:860 mg/kg FATOAO 43,148,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3-QUINUCLIDINEMETHANOL, alpha,alpha-DI-o-TOLYL-, HYDROCHLORIDE see: CL5627600

VD4843000 3-QUINUCLIDINEMETHANOL, alpha,alpha-DI-o-TOLYL-, 1-OXIDE
UPDT:8402 MW: 337.50 MOLFM: C22-H27-N-O2
SYN: alpha,alpha-DI-o-TOLYL-3-QUINUCLIDINEMETHANOL 1-OXIDE * (QUINUCLIDYL-3)-DI(o-TOLYL)CARBINOL N-OXIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1500 mg/kg PCJOAU 16,796,82

2-QUINUCLIDINEMETHANOL, alpha-(6-METHOXY-4-QUINOLYL)-5-VINYL- see: VA6020000
2-QUINUCLIDINEMETHANOL, alpha-(6-METHOXY-4-QUINOLYL)-5-VINYL- see: VA4725000
2-QUINUCLIDINEMETHANOL, alpha-(6-METHOXY-4-QUINOLYL)-5-VINYL-, GALACTURONATE (salt) see: LW5950000
2-QUINUCLIDINEMETHANOL, alpha-4-QUINOLYL-5-VINYL- see: GD2975000
2-QUINUCLIDINEMETHANOL, alpha-4-QUINOLYL-5-VINYL- see: GD3500000
2-QUINUCLIDINEMETHANOL, alpha-(5-VINYL-2-QUINOLYL)- see: GD3500000

VD6127000 QUINUCLIDINIUM, 3-HYDROXY-1-METHYL-2-METHYLENE-3-PHENYL-, IODIDE
UPDT:8305 MW: 357.26 MOLFM: C15-H20-N-O-I
SYN: 3-HYDROXY-1-METHYL-2-METHYLENE-3-PHENYLQUINUCLIDINIUM IODIDE * 2-METHYLENE-3-PHENYL-3-HYDROXYQUINUCLIDINE METHIODIDE
TOXICITY DATA AND REFERENCES:
3E01F12J22 ipr-mus LD50:118 mg/kg PCJOAU 16,207,82

VD6127100 QUINUCLIDINIUM, 3-HYDROXY-1-METHYL-2-METHYLENE-3-(m-TOLYL)-, IODIDE
UPDT:8305 MW: 371.29 MOLFM: C16-H22-N-O-I
SYN: 3-HYDROXY-1-METHYL-2-METHYLENE-3-(m-TOLYL)QUINUCLIDINIUM IODIDE * 2-METHYLENE-3-(3-TOLYL)-3-HYDROXYQUINUCLIDINE METHIODIDE
TOXICITY DATA AND REFERENCES:
3E01F12J22 ipr-mus LD50:128 mg/kg PCJOAU 16,207,82

VD6127110 QUINUCLIDINIUM, 3-HYDROXY-1-METHYL-2-METHYLENE-3-(o-TOLYL)-, IODIDE
UPDT:8305 MW: 371.29 MOLFM: C16-H22-N-O-I
SYN: 3-HYDROXY-1-METHYL-2-METHYLENE-3-(o-TOLYL)QUINUCLIDINIUM IODIDE * 2-METHYLENE-3-(2-TOLYL)-3-HYDROXYQUINUCLIDINE METHIODIDE
TOXICITY DATA AND REFERENCES:
3E01F12J22 ipr-mus LD50:92500 ug/kg PCJOAU 16,207,82

VD6127120 QUINUCLIDINIUM, 3-HYDROXY-1-METHYL-2-METHYLENE-3-(p-TOLYL)-, IODIDE
UPDT:8305 MW: 371.29 MOLFM: C16-H22-N-O-I
SYN: 3-HYDROXY-1-METHYL-2-METHYLENE-3-(p-TOLYL)QUINUCLIDINIUM IODIDE * 2-METHYLENE-3-(4-TOLYL)-3-HYDROXYQUINUCLIDINE METHIODIDE
TOXICITY DATA AND REFERENCES:
3E01F12J22 ipr-mus LD50:77 mg/kg PCJOAU 16,207,82

VD6127300 QUINUCLIDINIUM, 3-HYDROXY-1-METHYL-2-METHYLENE-3-(3,4-XYLYL)-, IODIDE
UPDT:8305 MW: 385.32 MOLFM: C17-H24-N-O-I
SYN: 3-HYDROXY-1-METHYL-2-METHYLENE-3-(3,4-XYLYL)QUINUCLIDINIUM IODIDE * 2-METHYLENE-3-(3',4'-DIMETHYL)-3-HYDROXYQUINUCLIDINE METHIODIDE
TOXICITY DATA AND REFERENCES:
3E01F12J22 ipr-mus LD50:128 mg/kg PCJOAU 16,207,82

VD6250000 QUINUCLIDINOL, BENZOATE, HYDROCHLORIDE
UPDT:8305 CAS: 7348-26-7 MW: 267.78 MOLFM: C14-H17-N-O2-Cl-H
SYN: 3-BENZOYLOXYQUINUCLIDINE HYDROCHLORIDE * OXYLIDINE
TOXICITY DATA AND REFERENCES:
unk-mus LD50:280 mg/kg RPTOAN 33,70,70

(+-)-3-QUINUCLIDINOL BENZILATE see: DD4639000

VD7182400 3-QUINUCLIDINOL, 2-METHYLENE-3-PHENYL-, HYDROCHLORIDE
UPDT:8305 MW: 251.78 MOLFM: C14-H17-N-O-Cl-H
SYN: 2-METHYLENE-3-PHENYL-3-HYDROXYQUINUCLIDINE HYDROCHLORIDE * 2-METHYLENE-3-PHENYL-3-QUINUCLIDINOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3E01F12J22 ipr-mus LD50:35 mg/kg PCJOAU 16,207,82

VD7182500 3-QUINUCLIDINOL, 2-METHYLENE-3-(m-TOLYL)-, HYDROCHLORIDE
UPDT:8305 MW: 265.81 MOLFM: C15-H19-N-O-Cl-H
SYN: 2-METHYLENE-3-(3-TOLYL)-3-HYDROXYQUINUCLIDINE HYDROCHLORIDE * 2-METHYLENE-3-(m-TOLYL)-3-QUINUCLIDINOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3E01F12J22 ipr-mus LD50:69 mg/kg PCJOAU 16,207,82

VD7182510 3-QUINUCLIDINOL, 2-METHYLENE-3-(o-TOLYL)-, HYDROCHLORIDE
UPDT:8305 MW: 265.81 MOLFM: C15-H19-N-O-Cl-H
SYN: 2-METHYLENE-3-(2-TOLYL)-3-HYDROXYQUINUCLIDINE HYDROCHLORIDE * 2-METHYLENE-3-(o-TOLYL)-3-QUINUCLIDINOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3E01F12J22 ipr-mus LD50:21 mg/kg PCJOAU 16,207,82

VD7182520 3-QUINUCLIDINOL, 2-METHYLENE-3-(p-TOLYL)-, HYDROCHLORIDE
UPDT:8305 MW: 265.81 MOLFM: C15-H19-N-O-Cl-H
SYN: 2-METHYLENE-3-(4-TOLYL)-3-HYDROXYQUINUCLIDINE HYDROCHLORIDE * 2-METHYLENE-3-(p-TOLYL)-3-QUINUCLIDINOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3E01F12J22 ipr-mus LD50:186 mg/kg PCJOAU 16,207,82

VD7182600 3-QUINUCLIDINOL, 2-METHYLENE-3-(3,4-XYLYL)-, HYDROCHLORIDE
UPDT:8305 MW: 279.84 MOLFM: C16-H21-N-O-Cl-H
SYN: 2-METHYLENE-3-(3',4'-DIMETHYL)-3-HYDROXYQUINUCLIDINE HYDROCHLORIDE * 2-METHYLENE-3-(3,4-XYLYL)-3-QUINUCLIDINOL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3E01F12J22 ipr-mus LD50:175 mg/kg PCJOAU 16,207,82

(+-)-beta-QUINUCLIDINYL BENZILATE see: DD4639000
(+-)-3-QUINUCLIDINYL BENZILATE see: DD4639000
10-(3-QUINUCLIDINYLMETHYL)PHENOTHIAZINE see: SP5080000
(+-)-3-QUINUCLIDINYL (+-)-TROPATE see: YM8625000
(+-)-3-QUINUCLIDYL BENZILATE see: DD4639000

QUINUCLIDYL-3-DIPHENYLCARBINOL HYDROCHLORIDE see: VD4830000
(QUINUCLIDYL-3)-DI-(o-TOLYL)CARBINOL HYDROCHLORIDE see: CL5627600
(QUINUCLIDYL-3)-DI(o-TOLYL)CARBINOL N-OXIDE see: VD4843000
3-QUINUCLIDYL ISOPROPYL(cis-1-PROPENTYL)GLYCOLATE see: SB3080000
QUINURONIUM SULFATE see: VC4022500
QUIRVIL see: KV0350000
QUIRVIL 278 see: KV0350000
QUIVET see: TZ0175000
QUOLAC EX-UB see: WT1050000
QUOTANE see: NW6950000
QUOTANE HYDROCHLORIDE see: NW6950000
QX 2168 see: KV9750000
QYSA see: KV0350000
QZ 2 see: VA3850000
R 2 see: CV4202000
R 3 see: WL6475000
R 5 see: AB6365000
R 10 see: FG4900000
R-11 see: HP5075000
R 13 see: PA6410000
R 14 see: FG4920000
R 20 see: FS9100000
R 21 see: UU3875300
R-22 see: PA6390000
R 23 see: PB6900000
R-47 see: YE2800000
R48 see: QM2450000
R50 see: KJ3325000
R-52 see: OP3605000
R 54 see: OP2800000
R 79 see: BP0693200
88-R see: WT2975000
R 100 see: BP0694200
R-104 see: WL6478000
R 114 see: KI1101000
R 142 see: KH7630000
R 154 see: TM5650000
R 161 see: KI3650000
R-242 see: WR5775000
R-246 see: XZ2100000
R 261 see: GH0875000
R. 271 see: GH0983000
R-285 see: CB9713500
R-285 see: CV2150000
R-326 see: US8000000
R 400 see: WK2315000
R 694 see: ZG0525000
R 717 see: BO0875000
R 738 see: DM4200000
R-800 see: DJ2548200
d-R 800 see: DJ2548100
l-R 800 see: DJ2548000
R-805 see: PB0970000
R 807 see: PB0507500
R-874 see: KL9700000
R968 see: AT4680000
R-1303 see: TD5250000
R 1359 see: TY6055000
R 1364 see: JF8330000
R-1492 see: TD5425000
R 1504 see: TE2275000
R 1513 see: TD8400000
R 1571 see: TF6500000
R 1582 see: TE1925000
R-1607 see: FA4725000
R-1608 see: FA4550000
R 1625 see: EU1575000
R 1707 see: CB2687000
R-1910 see: EZ7525000
R 1929 see: EU4550000
R 2010 see: RC8960000
R 2028 see: EU3640000
R-2061 see: EZ0400000
R 2063 see: GU7200000
R 2167 see: EU3640000
R 2170 see: TG1420000
R-2323 see: JF7964000
R 2498 see: EU3550000
R-2498 see: EU3500000
R 3345 see: DW1050000
R 3365 see: DW1012000
R-3,422 see: FA3325000
R 3612 see: WL6475000
R 4263 see: UE5550000
R 4263 see: UE5600000
R 4318 see: DH8520000
R-4461 see: TE0250000
R-4572 see: CM2625000
R 4584 see: DE1900000
R 4584 see: DE1925000
R 4749 see: DE2100000
R-4845 see: DE1820000
R 4929 see: MA4030000
R 5147 see: XX8925000
R-5,158 see: TF0525000
R 5240 see: UE5600000
R-5461 see: TA4250000
R 5467 see: UW5850000
R-5478 see: UV9350000
R-5639 see: TA5700000
R 5762 see: TE3250000
R 5763 see: TE3200000
R-5979 see: FB3950000
R 6238 see: DE1750000
R-6486 see: KA5512500
R 6700 see: PC1225000
R 6790 see: FA9500000
R7000 see: QL0840000
R-7127 see: KA5512700
R 7239 see: TD8500000
R 7240 see: TE2300000
R-7465 see: UE3600000
R-7475 see: UE3600000
R-8033 see: TE4420000
R 8299 see: NJ5950000
R 8963 see: TE0220000
R-10032 see: KA5953200
R-10043 see: PB0470000
R-10414 see: TA5690000
R-10632 see: FC2700000
R-10665 see: FG0470000
R-10669 see: FF8970000
R 10688 see: AK0920000
R-11114 see: FG2150000
R-11163 see: FB4570000
R-11259 see: FG2190000
R-11260 see: FG2180000
R-11261 see: FG2200000
R-11782 see: FC2750000
R 11898 see: TF6350000
R-12,564 see: NJ5960000
R 14,827 see: NI4450000
R 14889 see: NI4771000
R 15,175 see: TD5600000
R 15403 see: TM6135000
R 16341 see: TN6957000
R 16470 see: DW1080000
R 16659 see: NI4021500 14-IMIDAZOLE-5-CARBOXYLIC ACID, 1-(alpha-METHYLBENZYL)-, ETHYLESTER, SULFATE
R 17635 see: EY8600000
R 18134 see: NI4770000
R 18553 see: TM4960000
R 25061 see: MU6647000
R-26,800 see: UE5297500
R-28627 see: WH7400000
R 30490 see: TX1474000
R 30730 see: UE5295000
R 31826 see: TM6406500
R 31833 see: TM6406000
R 32557 see: TX1404200
R 32721 see: TM6372000
R 32767 see: TM6165000
R 32792 see: TM6367500
R 33000 see: GZ1013000
R 33036 see: TX1487000
R 33352 see: TX1488000
R-33799 see: TM6406000
R 35443 see: DE2276000
R 39209 see: TX1452500
R 67408 see: CY1577850
beta-RA see: VH6475000
RA 8 see: KK7450000
13-RA see: VH6440000
RA 233 see: KM2675000
RA 1226 see: TJ5150000
R-5722-A see: TE4170000
R 5723A see: TE4100000
R-5724-A see: TE4050000
R-5725-A see: TE4450000
RABBIT ANTIBOVINE LH SERUM see: OK6369000
RABBIT ANTIBOVINE LUTEINIZING HORMONE SERUM see: OK6369000
RABBIT ANTISERUM to OVINE LUTEINIZING HORMONE see: OK6368000
RABON see: TB9100000
RABOND see: TB9100000
RAC-109 see: WH1317150
RACEMIC CLOMIPHENE CITRATE see: YE0875000
RACEMIC ISOPRENALINE see: DO1750020
RACEMIC ISOPRENALINE HYDROCHLORIDE see: DO1930000
RACEMIC ISOPROTERENOL see: DO1750020
RACEMIC ISOPROTERENOL HYDROCHLORIDE see: DO1930000
RACEMIC LACTIC ACID see: OD2800000
RACEMIC METHADONE HYDROCHLORIDE see: MJ6130000
RACEMIC PROPRANOLOL see: UB7510000
RACEMOMYCIN A see: NJ5830900
RACEMOMYCIN A SULFATE HYDRATE (2:3:6) see: VE2140500

VE2140500 RACEMOMYCIN A, SULFATE (salt), HYDRATE (2:3:6)
UPDT:8305 CAS: 11098-67-2 MW: 703.68 MOLFM: C19-H34-N8-O8 .3/2H2-O4-S .3H2-O
SYN: RACEMOMYCIN A SULFATE HYDRATE (2:3:6)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:300 mg/kg CPBTAL 19,1627,71

VE2140600 RACEMOMYCIN A, TRIHYDROCHLORIDE, HYDRATE
UPDT:8403 MW: 630.01 MOLFM: C19-H34-N8-O8 .3Cl-H .H2-O
SYN: RACEMOMYCIN TRIHYDROCHLORIDE HYDRATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:300 mg/kg JANTAJ 24,662,71

RACEMOMYCIN B see: WK4025000
RACEMOMYCIN B SULFATE HYDRATE (2:5:10) see: VE2141000

VE2141000 RACEMOMYCIN B, SULFATE (salt), HYDRATE (2:5:10)
UPDT:8305 CAS: 11098-75-2 MW: 1094.13 MOLFM: C31-H58-N12-O10 .5/2H2-S-O4 .5H2-O
SYN: RACEMOMYCIN B SULFATE HYDRATE (2:5:10)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:10 mg/kg CPBTAL 19,1627,71

RACEMOMYCIN C SULFATE HYDRATE (1:2:4) see: VE2141500

VE2141500 RACEMOMYCIN C, SULFATE (salt), HYDRATE (1:2:4)
UPDT:8305 CAS: 11098-73-0 MW: 899.05 MOLFM: C25-H46-N10-O9 .2H2-O4-S .4H2-O
SYN: RACEMOMYCIN C SULFATE HYDRATE (1:2:4)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:26 mg/kg CPBTAL 19,1627,71

RACEMOMYCIN D see: NJ5830800
RACEMOMYCIN E see: NJ5830700

VE2142800 RACEMOMYCINIC A ACID, TETRAHYDROCHLORIDE, DIHYDRATE
UPDT:8403 MW: 702.51 MOLFM: C19-H36-N8-O9 .4Cl-H .2H2-O
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:50 mg/kg JANTAJ 24,662,71

RACEMOMYCIN TRIHYDROCHLORIDE HYDRATE see: VE2140600

RACEPHEDRINE HYDROCHLORIDE see: KB1575000

RACEPHEN see: SI0875000

RACEPHEN see: SI1750000

RACET see: BP2295000

RACRYL see: AT4680000

RACUMIN see: GN7630000

RACUSAN see: TE1750000

RADANIL see: NI3340000

RADAPON see: UF0690000

RADAPON see: UF1225000

RADAZIN see: XY5600000

RADDLE see: NO7400000

RAD-E-CATE see: CH7700000

RAD-E-CATE 16 see: CH7700000

RAD-E-CATE 25 see: CH7700000

RAD-E-CATE 25 see: CH7525000

RAD-E-CATE 35 see: CH7700000

RADEDORM see: DF2450000

RADEPUR see: DE9275000

RADICALISIN see: VM1610000

RADIOCIN see: TU3830000

RADIOGRAPHOL see: PB2250000

RADIOL GERMICIDAL SOLUTION see: BQ5425000

RADIOSTOL see: KE1050000

RADIOTETRANE see: SM8400000

RADIZINE see: XY5600000

RADOCON see: XY5250000

RADOKOR see: XY5250000

RADONIL see: WP0700000

RADONIN see: WO9030000

RADONNA see: CB2625000

RADOSAN see: OV6300000

RADOX see: AB5250000

RADOXONE TL see: XZ3850000

RADSTERIN see: KE1050000

RAFEX see: GO9625000

RAFEX 35 see: GO9625000

RAFLUOR see: WB0350000

RAGADAN see: TB8545000

RA 1226 HYDROCHLORIDE see: TJ5363000

RAKAMUKI, extract (Indian) see: TO7320000 PITTOSPORUM FLORIBUNDUM Wt. & Arn., extractexcluding roots

RAKUTO AMARANTH see: QJ6550000

RAKUTO BRILLIANT SCARLET 3R see: QJ6530000

RALABOL see: DM2520000

RALGRO see: DM2520000

RALONE see: DM2520000

RAMABOLI EXTRACT (Indian) see: JW4930000

RAM DATAON EXTRACT (Indian) see: VX6582000

RAMETIN see: QK5775000

RAMIK see: NK5600000

RAMIZOL see: XZ3850000

RAMKHARA EXTRACT (Indian) see: CE9548000

RAMOR see: XG3425000

R/AMP see: VJ7000000

RAMPART see: TD9450000

RAMROD see: AE1575000

RAMROD 65 see: AE1575000

RAMUCIDE see: NK5335000

RAMYCIN see: RC1350000

RANAC see: NK5335000

RANANANT EXTRACT (Indian) see: VE9504000

RANBHENDI EXTRACT (Indian) see: XH7610000

RAN-BHINDI EXTRACT (Indian) see: MR1842000

RANBIBOO EXTRACT (Indian) see: MS7175400

RANCINAMYCIN IV see: UL0380000

VE5468000 RANDIA DENSIFLORA, flower or leaf extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
1K12 ipr-mus LD50:125 mg/kg CPBTAL 13,882,65

VE5470000 RANDIA DUMETORUM Lam., fruit and seed extract
UPDT:8305
SYN: MAINPHAL FRUIT and SEED EXTRACT * MAINPHAL SEED and FRUIT EXTRACT
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-rbt TDLo:400 mg/kg (2D pre) IJPAAO 32,164,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VE5480000 RANDIA MALABARICA Lamk., extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: PHIRKOO EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 9,91,71

VE5480500 RANDIA SPINOSA, stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:63 mg/kg CPBTAL 13,882,65

VE5481000 RANDIA TETRASPERMA Benth. & Hook.f., extract
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 6,232,68)
UPDT:8302
SYN: BARI-GHARI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 6,232,68

RANDOLECTIL see: EL9200000

RANDONOS see: MD6953000

RANDOX see: AB5250000

RANEY ALLOY see: QR5950000

RANEY COPPER see: GL5325000

RANEY NICKEL see: QR5950000

RANGOON YELLOW see: AK4580000

RANITIDINE, nitrosated see: LU9750000

RANITIDINE HYDROCHLORIDE see: KM6557000 1,1-ETHENEDIAMINE, N-(2-(((5-((DIMETHYLAMINO)METHYL)-2-FURANYL)METHYL)THIO)ETHYL)-N'-METHYL- 2-NITRO-, HYDROCHLORIDE

RANITIDINE HYDROCHLORIDE mixed with SODIUM NITRITE (1:2) see: KM6559000

RANITIDINE mixed with SODIUM NITRITE see: KM6558000

RANITOL see: AX7875000

RANJAIPHAL EXTRACT (Indian) see: OC2815200

RANKOTEX see: UE9750000

RAN NIMBOO EXTRACT (Indian) see: GF1220000

RANTOX T see: AB5250000

RANTUDIL see: NL3521400

RAPACODIN see: QD1680000

VE6250000 RAPAMYCIN
UPDT:8311 CAS: 53123-88-9 MW: 1000.46 MOLFM: C56-H89-N-O14
SYN: ANTIBIOTIC AY 22989 * AY 22989 * NSC 226080
MUTATION DATA AND REFERENCES:
dnd-mus:leu 60 umol/L PAACA3 24,321,83
dni-mus:leu 10 umol/L PAACA3 24,321,83
oms-mus:leu 1 mmol/L PAACA3 24,321,83
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2500 mg/kg 85ERAY 2,947,78
* ipr-mus LD50:597 mg/kg JANTAJ 31,539,78

RAPHANIN see: NX8944000

VE6284000 RAPHANUS PROSTATA, seed extract
DEF:Indian plant belonging to the family CRUCIFERAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:750 mg/kg IJEBA6 16,228,78

VE6285000 RAPHANUS SATIVUS Linn., crude extract
UPDT:8408
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:20 gm/kg (2D pre/1-3D preg) MPHEAE 16,414,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VE6286000 RAPHANUS SATIVUS Linn., seed extract
DEF:Indian plant belonging to the family CRUCIFERAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
3H02M10Y55 ipr-rat LD50:750 mg/kg IJEBA6 16,228,78

RAPHATOX see: GO9625000

RAPHETAMINE see: SH9450000

RAPHETAMINE PHOSPHATE see: SI0875000

RAPHONE see: AG1575000

RAPID see: EZ9100000

RAPIDOSEPT see: DO0875000

RAPISOL see: WN0525000

RAPYNOGEN see: UB7525000

RAS-26 see: CY6125000

RASAUT ROOT EXTRACT (Indian) see: DR9820000

RASBHARI, extract (Indian) see: TJ1900000 PHYSALIS PERUVIANA Linn., extract

RASCHIT see: GO7100000

RASCHIT K see: GO7100000

RASEN-ANICON see: GO7100000

RASIKAL see: FO0525000

RASPBERIN see: VN6475000

RASPBERRY KETONE see: EL8925000

RASPBERRY RED for JELLIES see: QJ6550000

RASTINON see: YS4550000

RATAFIN see: GN4850000

RATAK see: GN4934500

RATAK PLUS see: GN4934750

RATALU, extract (Indian) see: JG5786600 DIOSCOREA BULBIFERA Linn., extract excluding roots

RAT-A-WAY see: GN4550000

RAT-A-WAY see: GN4850000

RATBANE 1080 see: AH9100000

RAT-B-GON see: GN4550000

RAT-GARD see: GN4550000

RATICATE see: RB8750000

RATILAN see: GN4830000

RATIMUS see: GN4934700

RATINDAN 1 see: NK5600000

RAT-KILL see: GN4550000

RAT & MICE BAIT see: GN4550000

RAT-MIX see: GN4550000

RAT-NIP see: TH3500000

RATO see: YJ7700000

RAT-O-CIDE #2 see: GN4550000

RAT-O-CIDE RAT BAIT see: VF7350000

RATOJHAN EXTRACT (Indian) see: VS6366000

RAT-OLA see: GN4550000

RATOMET see: NK5335000

VE7600000 RATON
DEF:Aqueous extract from the dried leaves of the plant (JNCIAM 46,1131,71)
UPDT:8401
SYN: GLIRICIDIAL SEFIUM
TUMORIGENIC DATA AND REFERENCES:
3V03K60V10 scu-rat TDLo:300 gm/kg/1Y-I JNCIAM 46,1131,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RATOREX see: GN4550000

RATOX see: GN4550000

RATOX see: XG6600000

RATOXIN see: GN4550000

RATRON see: GN4550000

RATRON G see: GN4550000

RAT'S END see: VF7350000

RATS-NO-MORE see: GN4550000

RATSUL SOLUBLE see: GN4725000

RATTENGIFTKONSERVE see: XG6800000

RATTEX see: GN4200000

RATTI (Hindi) see: AA5393000

RATTRACK see: YT9275000

RAT-TROL see: GN4550000

RAT-TU see: YT9275000

RATTUNAL see: GN4550000

RAUBASERP see: AX7875000

RAUBASIL see: AX7875000

RAUBASIN see: AX7875000

RAUBASINE see: AX7875000

RAUCAP see: ZG0350000

RAUCUMIN 57 see: GN7630000

RAUDIFORD see: ZG0350000

RAUDIXIN see: ZG0350000

RAUDIXOID see: ZG0350000

RAUGAL see: ZG0350000

RAUGALLINE see: AX8050000

RAULEN see: ZG0350000

RAULOYCIN see: ZG0350000

RAULOYDIN see: ZG0350000
RAUMALINA see: AX7875000
RAUMANON see: NS1750000
RAUMORINE see: ZG0350000
RAUNERVIL see: ZG0350000
RAUNORINE see: ZG0350000
RAUNORINE see: ZG0875000
RAUNOPMIN see: ZG0875000
RAUNORMINE see: ZG0875000
RAUNORMIN 'ORZAN' see: ZG0350000
RAUNOVA see: ZG0175000
RAUNOVA see: ZG0350000
RAUNS, extract (Indian) see: GZ5818800 CYMBOPOGON MARTINII (Roxb.) Wats., extract
RAUPASIL see: ZG0350000
RAUPOID see: ZG0350000
RAUPYROL see: ZG0700000
RAURESCINE see: ZG0700000
RAURINE see: ZG0350000
RAUSAN see: ZG0350000
RAU-SED see: ZG0350000
RAUSEDAN see: ZG0350000
RAUSEDIL see: ZG0350000
RAUSEDYL see: ZG0350000

VE9110000 RAUSERFIA

DEF: A mixture of alkaloids from RAUWOLFIA SERPENTINA from which the strongly basic alkaloids andAJMALINE have been removed (JAPMAB 45,305,56)
UPDT 8406
SYN: 1861-LLA * RL-1103

TOXICITY DATA AND REFERENCES:

2F15U01	orl-rat LD50:183 mg/kg	JAPMA8 45,305,56
2F15U01	ipr-mus LD50:100 mg/kg	JAPMA8 45,305,56

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RAUSERPEN-ALK see: ZG0350000
RAUSERPIN see: ZG0350000
RAUSERPIN-ALK see: ZG0350000
RAUSERPINE see: ZG0350000
RAUSERPOL see: ZG0350000
RAUSINGLE see: ZG0350000

VE9290000 RAUTRAX

UPDT 8401 CAS: 8059-82-3

TUMORIGENIC DATA AND REFERENCES:

2V02J60	orl-wmn TDLo:1825 mg/kg/5Y-C	LANCAO 2,672,74
2V02R60	orl-wmn TD :2190 mg/kg/3Y-C	LANCAO 2,672,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RAUTRIN see: ZG0350000
RAUVANIN see: RP5776500
RAUVANINE see: RP5776500
RAUVASAN see: AX7875000
RAUVILID see: ZG0350000
RAUVLID see: ZG0350000
RAUWASEDIN see: ZG0350000
RAUWILID see: ZG0350000
RAUWILOID see: ZG0350000
RAUWILOID see: ZG0350000
RAUWIPUR see: ZG0350000
RAUWOLEAF see: ZG0350000

VE9504000 RAUWOLFIA DENSIFLORA Benth., extract

DEF: Indian plant belonging to the family APOCYNACEAE (IJEBA6 11,43,73)
UPDT 8302
SYN: RANANANT EXTRACT

TOXICITY DATA AND REFERENCES:

1H30	ipr-mus LD50:750 mg/kg	IJEBA6 11,43,73

RAUWOLFIN see: AX8050000
RAUWOLFINE see: AX8050000
RAUWOLSCINE see: ZG1005000
RAUWOPUR'BYK' see: ZG0350000
RAV 7 see: FG2080000
RAVAGE see: NJ0620000
RAVEN see: FF5800000
RAVEN 30 see: FF5800000
RAVEN 420 see: FF5800000
RAVEN 500 see: FF5800000
RAVEN 8000 see: FF5800000
RAVIAC see: NK5335000
RAVIFLEX 43 see: AK0920000
RAVIKRAL see: AT6970000
RAVINIL R 100/65D see: KV0350000
RAVINTA EXTRACT (Indian) see: VR1447000
RAVINYL see: KV0350000
RAVOCAINE HYDROCHLORIDE see: DG3066000
RAVONAL see: CQ6475000
RAVYON see: FC5950000
RAWETIN see: QK5775000
RAWILID see: ZG0350000
RAX see: GN4550000
RAYBAR see: CR0600000
RAY-GLUCIRON see: LZ5150000
RAYOX see: XR2275000
RAZEBIL see: AY3170000
RAZIDE see: NS1750000
RAZIOSULFA see: DA9520000
RAZOL DOCK KILLER see: AG1575000
RAZOXANE see: TL6389900
RAZOXANE see: TL6390000
RAZOXIN see: TL6389900
RB see: TF4550000
RB see: MF8200000
RB3 see: VT2770900 SEMECARPUS ANACARDIUM Linn. f., cotyledons
R-242-B see: WR5775000
R 4081 see: PA4900000
R 11482 see: KH9370300
RB 1489 see: UV1153800
RB 1509 see: YS4900000
R-5092-B see: TE4600000
1-RBO-12-A see: DH6508300
RC 12 see: IE1320000
RC 146 see: QD1225000
R-C 318 see: GU1779500
RC 5629 see: JR6600000
RC 61-91 see: TM8520000
R.C. 27-109 see: DH2528300
RC 30-109 see: DH2528300
RC COMONOMER DBM see: ON0875000
RC COMONOMER DOF see: LT0525000
RC COMONOMER DOM see: ON0160000
RC 172DBM see: BD1200000
RCH 55/5 see: QR5950000
RCH 1000 see: TQ3325000
RCK-136 see: MW5259200
RC PLASTICIZER B-17 see: WI2900000
RC PLASTICIZER DOP see: TI0350000
RCRA WASTE NUMBER P001 see: GN4550000
RCRA WASTE NUMBER P002 see: YR7700000
RCRA WASTE NUMBER P003 see: AS1050000
RCRA WASTE NUMBER P004 see: IO2100000
RCRA WASTE NUMBER P005 see: BA5075000
RCRA WASTE NUMBER P006 see: BD1400000
RCRA WASTE NUMBER P007 see: NY3325000
RCRA WASTE NUMBER PU08 see: US1750000
RCRA WASTE NUMBER P008 see: GZ1725000
RCRA WASTE NUMBER P009 see: BS3855000
RCRA WASTE NUMBER P009 see: BS3856000
RCRA WASTE NUMBER P010 see: CG0700000
RCRA WASTE NUMBER P011 see: CG2275000
RCRA WASTE NUMBER P012 see: CG3325000
RCRA WASTE NUMBER P013 see: CQ8785000
RCRA WASTE NUMBER P014 see: DC0525000
RCRA WASTE NUMBER P015 see: DS1750000
RCRA WASTE NUMBER P016 see: KN1575000
RCRA WASTE NUMBER P017 see: UC0525000
RCRA WASTE NUMBER P018 see: EH8925000
RCRA WASTE NUMBER P020 see: SJ9800000
RCRA WASTE NUMBER P021 see: EW0700000
RCRA WASTE NUMBER P022 see: FF6650000
RCRA WASTE NUMBER P023 see: AB2450000
RCRA WASTE NUMBER P024 see: BX0700000
RCRA WASTE NUMBER P026 see: YS7100000
RCRA WASTE NUMBER P027 see: UG1400000
RCRA WASTE NUMBER P028 see: XS8925000
RCRA WASTE NUMBER P029 see: GL7150000
RCRA WASTE NUMBER P030 see: GS7175000
RCRA WASTE NUMBER P031 see: GT1925000
RCRA WASTE NUMBER P033 see: GT2275000
RCRA WASTE NUMBER P034 see: SK6650000
RCRA WASTE NUMBER P036 see: CH5425000
RCRA WASTE NUMBER P037 see: IO1750000
RCRA WASTE NUMBER P039 see: TD9275000
RCRA WASTE NUMBER P040 see: TF5650000
RCRA WASTE NUMBER P040 see: TF5775000
RCRA WASTE NUMBER P041 see: TC2275000
RCRA WASTE NUMBER P042 see: DO2625000
RCRA WASTE NUMBER P043 see: TE5075000
RCRA WASTE NUMBER P044 see: TE1750000
RCRA WASTE NUMBER P045 see: EL8200000
RCRA WASTE NUMBER P046 see: SH4025000
RCRA WASTE NUMBER P047 see: GO9625000
RCRA WASTE NUMBER P048 see: SL2800000
RCRA WASTE NUMBER P049 see: EC1575000
RCRA WASTE NUMBER P050 see: RB9275000
RCRA WASTE NUMBER P051 see: IO1575000
RCRA WASTE NUMBER P054 see: KX5075000
RCRA WASTE NUMBER P056 see: LM6475000
RCRA WASTE NUMBER P057 see: AC1225000
RCRA WASTE NUMBER P058 see: AH9100000
RCRA WASTE NUMBER P059 see: PC0700000
RCRA WASTE NUMBER P060 see: IO1925000
RCRA WASTE NUMBER P062 see: XF1577000
RCRA WASTE NUMBER P062 see: XF1575000
RCRA WASTE NUMBER P063 see: MW6825000
RCRA WASTE NUMBER P064 see: NQ9450000
RCRA WASTE NUMBER P065 see: OW4055000
RCRA WASTE NUMBER P065 see: OW4050000
RCRA WASTE NUMBER P066 see: AK2975000
RCRA WASTE NUMBER P067 see: CM8050000
RCRA WASTE NUMBER P068 see: MV5600000
RCRA WASTE NUMBER P069 see: OD9275000
RCRA WASTE NUMBER P070 see: UE2275000
RCRA WASTE NUMBER P071 see: TG0175000
RCRA WASTE NUMBER P072 see: YT9275000
RCRA WASTE NUMBER P073 see: QR6300000
RCRA WASTE NUMBER P074 see: QR6495000
RCRA WASTE NUMBER P075 see: QS5250000
RCRA WASTE NUMBER P076 see: QX0525000
RCRA WASTE NUMBER P077 see: BY7000000
RCRA WASTE NUMBER P078 see: QW9800000
RCRA WASTE NUMBER P081 see: QX2100000
RCRA WASTE NUMBER P082 see: IQ0525000
RCRA WASTE NUMBER P084 see: YZ0875000
RCRA WASTE NUMBER P085 see: UX5950000
RCRA WASTE NUMBER P087 see: RN1140000
RCRA WASTE NUMBER P088 see: RN7875000
RCRA WASTE NUMBER P088 see: RN8225000
RCRA WASTE NUMBER P089 see: TF4550000
RCRA WASTE NUMBER P092 see: OV6475000
RCRA WASTE NUMBER P093 see: YU1400000
RCRA WASTE NUMBER P094 see: TD9450000
RCRA WASTE NUMBER P095 see: SY5600000
RCRA WASTE NUMBER P096 see: SY7525000
RCRA WASTE NUMBER P097 see: TF7650000
RCRA WASTE NUMBER P098 see: TS8750000
RCRA WASTE NUMBER P099 see: TT5775000
RCRA WASTE NUMBER P101 see: UF9625000
RCRA WASTE NUMBER P102 see: UK5075000
RCRA WASTE NUMBER P103 see: YU1820000
RCRA WASTE NUMBER P104 see: VW3850000
RCRA WASTE NUMBER P105 see: VY8050000
RCRA WASTE NUMBER P106 see: VZ7525000

RCRA WASTE NUMBER P108 see: WL2275000
RCRA WASTE NUMBER P109 see: XN4375000
RCRA WASTE NUMBER P110 see: TP4550000
RCRA WASTE NUMBER P111 see: UX6825000
RCRA WASTE NUMBER P112 see: PB4025000
RCRA WASTE NUMBER P113 see: XG2975000
RCRA WASTE NUMBER P114 see: XG6300000
RCRA WASTE NUMBER P115 see: XG6800000
RCRA WASTE NUMBER P116 see: VT4200000
RCRA WASTE NUMBER P118 see: PB0370000
RCRA WASTE NUMBER P119 see: YW0875000
RCRA WASTE NUMBER P120 see: YW2450000
RCRA WASTE NUMBER P121 see: ZH1575000
RCRA WASTE NUMBER P122 see: ZH4900000
RCRA WASTE NUMBER P123 see: XW5250000
RCRA WASTE NUMBER U001 see: AB1925000
RCRA WASTE NUMBER U002 see: AL3150000
RCRA WASTE NUMBER U003 see: AL7700000
RCRA WASTE NUMBER U004 see: AM5250000
RCRA WASTE NUMBER U005 see: AB9450000
RCRA WASTE NUMBER U006 see: AO6390000
RCRA WASTE NUMBER U007 see: AS3325000
RCRA WASTE NUMBER U008 see: AS4375000
RCRA WASTE NUMBER U009 see: AT5250000
RCRA WASTE NUMBER U010 see: CN0700000
RCRA WASTE NUMBER U011 see: XZ3850000
RCRA WASTE NUMBER U012 see: BW6650000
RCRA WASTE NUMBER U014 see: BY3500000
RCRA WASTE NUMBER U015 see: VT9625000
RCRA WASTE NUMBER U016 see: CU2975000
RCRA WASTE NUMBER U017 see: CZ5075000
RCRA WASTE NUMBER U018 see: CV9275000
RCRA WASTE NUMBER U019 see: CY1400000
RCRA WASTE NUMBER U020 see: DB8750000
RCRA WASTE NUMBER U021 see: DC9625000
RCRA WASTE NUMBER U022 see: DJ3675000
RCRA WASTE NUMBER U023 see: XT9275000
RCRA WASTE NUMBER U024 see: PA3675000
RCRA WASTE NUMBER U025 see: KN0875000
RCRA WASTE NUMBER U026 see: QM2450000
RCRA WASTE NUMBER U027 see: KN1750000
RCRA WASTE NUMBER U028 see: TI0350000
RCRA WASTE NUMBER U029 see: PA4900000
RCRA WASTE NUMBER U031 see: EO1400000
RCRA WASTE NUMBER U032 see: GB2750000
RCRA WASTE NUMBER U033 see: FG6125000
RCRA WASTE NUMBER U034 see: FM7870000
RCRA WASTE NUMBER U035 see: ES7525000
RCRA WASTE NUMBER U036 see: PB9800000
RCRA WASTE NUMBER U037 see: CZ0175000
RCRA WASTE NUMBER U038 see: DD2275000
RCRA WASTE NUMBER U039 see: GO7100000
RCRA WASTE NUMBER U041 see: TX4900000
RCRA WASTE NUMBER U042 see: KN6300000
RCRA WASTE NUMBER U043 see: KU9625000
RCRA WASTE NUMBER U044 see: FS9100000
RCRA WASTE NUMBER U045 see: PA6300000
RCRA WASTE NUMBER U046 see: KN6650000
RCRA WASTE NUMBER U047 see: QJ2275000
RCRA WASTE NUMBER U048 see: SK2625000
RCRA WASTE NUMBER U049 see: XU5250000
RCRA WASTE NUMBER U050 see: GC0700000
RCRA WASTE NUMBER U051 see: GF8615000
RCRA WASTE NUMBER U052 see: GO6300000
RCRA WASTE NUMBER U052 see: GO6475000
RCRA WASTE NUMBER U052 see: GO5950000
RCRA WASTE NUMBER U052 see: GO6125000
RCRA WASTE NUMBER U053 see: GP9499000
RCRA WASTE NUMBER U053 see: GP9625000
RCRA WASTE NUMBER U053 see: BR3150000
RCRA WASTE NUMBER U055 see: GR8575000
RCRA WASTE NUMBER U056 see: GU6300000
RCRA WASTE NUMBER U057 see: GW1050000
RCRA WASTE NUMBER U058 see: RP5950000
RCRA WASTE NUMBER U059 see: HB7875000
RCRA WASTE NUMBER U060 see: KI0700000
RCRA WASTE NUMBER U061 see: KJ3325000
RCRA WASTE NUMBER U062 see: EZ8225000
RCRA WASTE NUMBER U063 see: HN2625000
RCRA WASTE NUMBER U064 see: DI5775000
RCRA WASTE NUMBER U066 see: TX8750000
RCRA WASTE NUMBER U067 see: KH9275000
RCRA WASTE NUMBER U068 see: PA7350000
RCRA WASTE NUMBER U069 see: TI0875000
RCRA WASTE NUMBER U070 see: CZ4550000
RCRA WASTE NUMBER U070 see: CZ4500000
RCRA WASTE NUMBER U071 see: CZ4550000
RCRA WASTE NUMBER U071 see: CZ4499000
RCRA WASTE NUMBER U072 see: CZ4550000
RCRA WASTE NUMBER U073 see: DD0525000
RCRA WASTE NUMBER U074 see: EM4900000
RCRA WASTE NUMBER U075 see: PA8200000
RCRA WASTE NUMBER U076 see: KI0175000
RCRA WASTE NUMBER U077 see: KI0525000
RCRA WASTE NUMBER U078 see: KV9275000
RCRA WASTE NUMBER U078 see: YZ8061000
RCRA WASTE NUMBER U079 see: KV7900000
RCRA WASTE NUMBER U080 see: PA8050000
RCRA WASTE NUMBER U081 see: SK8575000
RCRA WASTE NUMBER U082 see: SK8750000
RCRA WASTE NUMBER U083 see: TX9625000
RCRA WASTE NUMBER U083 see: UC8300000
RCRA WASTE NUMBER U084 see: UC8310000
RCRA WASTE NUMBER U085 see: EJ8225000
RCRA WASTE NUMBER U086 see: MV2275000
RCRA WASTE NUMBER U087 see: TD9670000
RCRA WASTE NUMBER U088 see: TI1050000
RCRA WASTE NUMBER U089 see: WJ5600000
RCRA WASTE NUMBER U090 see: DA6125000
RCRA WASTE NUMBER U091 see: DD0875000
RCRA WASTE NUMBER U092 see: IP8750000
RCRA WASTE NUMBER U093 see: BX7350000
RCRA WASTE NUMBER U094 see: CW3850000
RCRA WASTE NUMBER U095 see: DD1225000
RCRA WASTE NUMBER U096 see: MX2450000
RCRA WASTE NUMBER U097 see: FD4200000
RCRA WASTE NUMBER U098 see: MV2450000
RCRA WASTE NUMBER U099 see: MV2625000
RCRA WASTE NUMBER U101 see: ZE5600000
RCRA WASTE NUMBER U102 see: TI1575000
RCRA WASTE NUMBER U103 see: WS8225000
RCRA WASTE NUMBER U105 see: XT1575000
RCRA WASTE NUMBER U106 see: XT1925000
RCRA WASTE NUMBER U107 see: TI1925000
RCRA WASTE NUMBER U108 see: JG8225000
RCRA WASTE NUMBER U109 see: MW2625000
RCRA WASTE NUMBER U110 see: JL9200000
RCRA WASTE NUMBER U111 see: JL9700000
RCRA WASTE NUMBER U112 see: AH5425000
RCRA WASTE NUMBER U113 see: AT0710000
RCRA WASTE NUMBER U113 see: AT0700000
RCRA WASTE NUMBER U114 see: MN9275000
RCRA WASTE NUMBER U115 see: KX2450000
RCRA WASTE NUMBER U116 see: NI9625000
RCRA WASTE NUMBER U117 see: KI5775000
RCRA WASTE NUMBER U118 see: OZ4550000
RCRA WASTE NUMBER U119 see: PB2100000
RCRA WASTE NUMBER U120 see: LL4025000
RCRA WASTE NUMBER U121 see: PB6125000
RCRA WASTE NUMBER U122 see: LP8925000
RCRA WASTE NUMBER U123 see: LQ4900000
RCRA WASTE NUMBER U124 see: LT8524000
RCRA WASTE NUMBER U125 see: LT7000000
RCRA WASTE NUMBER U126 see: MB3150000
RCRA WASTE NUMBER U127 see: DA2975000
RCRA WASTE NUMBER U128 see: EJ0700000
RCRA WASTE NUMBER U129 see: GV4900000
RCRA WASTE NUMBER U130 see: GY1225000
RCRA WASTE NUMBER U131 see: KI4025000
RCRA WASTE NUMBER U132 see: SM0700000
RCRA WASTE NUMBER U133 see: MU7175000
RCRA WASTE NUMBER U134 see: MW7875000
RCRA WASTE NUMBER U135 see: MX1225000
RCRA WASTE NUMBER U136 see: CH7525000
RCRA WASTE NUMBER U137 see: NK9300000
RCRA WASTE NUMBER U138 see: PA9450000
RCRA WASTE NUMBER U140 see: NP9625000
RCRA WASTE NUMBER U141 see: DA5950000
RCRA WASTE NUMBER U142 see: PC8575000
RCRA WASTE NUMBER U143 see: QE7875000
RCRA WASTE NUMBER U144 see: AI5250000
RCRA WASTE NUMBER U145 see: OG3675000
RCRA WASTE NUMBER U146 see: OF8750000
RCRA WASTE NUMBER U147 see: ON3675000
RCRA WASTE NUMBER U148 see: UR5950000
RCRA WASTE NUMBER U149 see: OO3150000
RCRA WASTE NUMBER U150 see: AY3675000
RCRA WASTE NUMBER U151 see: OV4550000
RCRA WASTE NUMBER U152 see: UD1400000
RCRA WASTE NUMBER U153 see: PB4375000
RCRA WASTE NUMBER U154 see: PC1400000
RCRA WASTE NUMBER U155 see: UT1400000
RCRA WASTE NUMBER U156 see: FG3675000
RCRA WASTE NUMBER U157 see: FZ3675000
RCRA WASTE NUMBER U158 see: CY1050000
RCRA WASTE NUMBER U159 see: EL6475000
RCRA WASTE NUMBER U160 see: EL9450000
RCRA WASTE NUMBER U161 see: SA9275000
RCRA WASTE NUMBER U162 see: OZ5075000
RCRA WASTE NUMBER U163 see: MF4200000
RCRA WASTE NUMBER U164 see: YR0875000
RCRA WASTE NUMBER U165 see: QJ0525000
RCRA WASTE NUMBER U166 see: QL7175000
RCRA WASTE NUMBER U167 see: QM1400000
RCRA WASTE NUMBER U168 see: QM2100000
RCRA WASTE NUMBER U169 see: DA6475000
RCRA WASTE NUMBER U170 see: SM2275000
RCRA WASTE NUMBER U171 see: TZ5250000
RCRA WASTE NUMBER U172 see: EJ4025000
RCRA WASTE NUMBER U173 see: KL9550000
RCRA WASTE NUMBER U174 see: IA3500000
RCRA WASTE NUMBER U176 see: YT3150000
RCRA WASTE NUMBER U177 see: YT7875000
RCRA WASTE NUMBER U178 see: FC6300000
RCRA WASTE NUMBER U179 see: TN2100000
RCRA WASTE NUMBER U180 see: UY1575000
RCRA WASTE NUMBER U181 see: XU8225000
RCRA WASTE NUMBER U182 see: YK0525000
RCRA WASTE NUMBER U183 see: DA6640000
RCRA WASTE NUMBER U184 see: KI6300000
RCRA WASTE NUMBER U185 see: DA6650000
RCRA WASTE NUMBER U186 see: RZ2464000
RCRA WASTE NUMBER U187 see: AM4375000
RCRA WASTE NUMBER U188 see: SJ3325000
RCRA WASTE NUMBER U189 see: TH4375000
RCRA WASTE NUMBER U191 see: TJ4900000
RCRA WASTE NUMBER U192 see: CV3460000
RCRA WASTE NUMBER U193 see: RP5425000
RCRA WASTE NUMBER U194 see: UH9100000
RCRA WASTE NUMBER U196 see: UR8400000
RCRA WASTE NUMBER U197 see: DK2625000
RCRA WASTE NUMBER U201 see: VG9625000
RCRA WASTE NUMBER U202 see: DE4200000
RCRA WASTE NUMBER U203 see: CY2800000
RCRA WASTE NUMBER U204 see: VS7175000
RCRA WASTE NUMBER U204 see: VS8575000
RCRA WASTE NUMBER U205 see: VS8925000
RCRA WASTE NUMBER U206 see: LZ5775000

RCRA WASTE NUMBER U207 see: DB9450000
RCRA WASTE NUMBER U208 see: KI8450000
RCRA WASTE NUMBER U209 see: KI8575000
RCRA WASTE NUMBER U210 see: KX3850000
RCRA WASTE NUMBER U211 see: FG4900000
RCRA WASTE NUMBER U212 see: SM9275000
RCRA WASTE NUMBER U213 see: LU5950000
RCRA WASTE NUMBER U214 see: AJ5425000
RCRA WASTE NUMBER U215 see: XG4000000
RCRA WASTE NUMBER U216 see: XG4200000
RCRA WASTE NUMBER U217 see: XG5950000
RCRA WASTE NUMBER U218 see: AC8925000
RCRA WASTE NUMBER U219 see: YU2800000
RCRA WASTE NUMBER U220 see: XS5250000
RCRA WASTE NUMBER U221 see: XS9625000
RCRA WASTE NUMBER U222 see: XU7350000
RCRA WASTE NUMBER U223 see: CZ6300000
RCRA WASTE NUMBER U225 see: PB5600000
RCRA WASTE NUMBER U226 see: KJ2975000
RCRA WASTE NUMBER U227 see: KJ3150000
RCRA WASTE NUMBER U228 see: KX4550000
RCRA WASTE NUMBER U230 see: SN1400000
RCRA WASTE NUMBER U231 see: SN1575000
RCRA WASTE NUMBER U232 see: AJ8400000
RCRA WASTE NUMBER U233 see: UF8225000
RCRA WASTE NUMBER U234 see: DC3850000
RCRA WASTE NUMBER U234 see: DC3860000
RCRA WASTE NUMBER U235 see: UB0350000
RCRA WASTE NUMBER U236 see: QJ6475000
RCRA WASTE NUMBER U237 see: YQ8925000
RCRA WASTE NUMBER U238 see: FA8400000
RCRA WASTE NUMBER U239 see: ZE2100000
RCRA WASTE NUMBER U240 see: AG6825000
RCRA WASTE NUMBER U242 see: SM6300000
RCRA WASTE NUMBER U243 see: UD0175000
RCRA WASTE NUMBER U244 see: JO1400000
RCRA WASTE NUMBER U246 see: GT2100000
RCRA WASTE NUMBER U247 see: KJ3675000
RCRA WASTE NUMBER U190 see: TI3150000
RD 292 see: SA0525000
RD 406 see: UF1050000
420 R.D. see: BR9895000
421 R.D. see: BR9897000
423 R.D. see: BR9896000
442 R.D. see: BO7080000
R.D. 1403 see: BZ3400000
RD 2195 see: WQ2975000
R.D. 2786 see: UT0875000
RD 4593 see: UE9750000
RD-6584 see: BX2975000
RD 7693 see: AF9700000
RD 11654 see: AI4200000
R.D. 13621 see: MU6640000
R.D. 27419 see: ZF0480000
RDGE see: VH1050000
RDX see: XY9450000
RE-4355 see: TB9450000
RE 5305 see: FB5250000
RE-5353 see: FC3500000
RE 5655 see: FB5075000
7204 R.E. see: SN6950000
RE 1-0185 see: AJ1460000
RE 12420 see: TB4760000
RE 20615 see: AE1300200
REACTHIN see: GM7900000
REACTIVE BLUE 19 see: CB1050000
REACTROL see: DD6730000
READEX see: FG2700000
READPRET KPN see: NJ0607000
REANIMIL see: LK8400000
REAX 31 see: OI6000000
REBELATE see: TE1750000
REBEMID see: CV4202000
REBRAMIN see: GG3750000
REBUGEN see: MU6640000
REC 1-0185 see: AJ1460000
REC 1-0270 see: DJ2405000
REC 5/0014 see: UH2835000
REC 7-0037 see: DJ2445000
REC 7-0040 see: DJ2450000
REC 7/0267 see: LK8400000
REC 15-1533 see: NI5683000
RE 5305 (CALIFORNIA CHEMICAL) see: FB5250000
RECANESCIN see: ZG0875000
RECANESCINE see: ZG0875000
RECEPTOR-DESTROYING MUCINASE see: MT7260000
RECINNAMINE see: ZG0700000
RECIPIN see: ZG0350000
RECITENSINA see: ZG0700000
RECLAIMED RUBBER (DOT) see: VL8043000
RECOFNAN see: GA4027000
RECOGNAN see: GA4027000
RECOLIP see: UE9480000
RECOLITE FAST RED RBL see: QK4247000
RECOLITE FAST RED RL see: QK4247000
RECOLITE FAST RED RYL see: QK4247000
RECOLITE RED LAKE C see: DB5500000
RECOLITE RED LAKE CR see: DB5500000
RECOLITE VIOLET RDS see: GE4518000
RECOLITE VIOLET RTS see: GE4518000
RECOLITE YELLOW BG see: AK4580000
RECOLITE YELLOW BGT see: AK4560000
RECONAN see: LW5920000
RECONIN see: UY0704600
RECONOX see: SN5075000
RECOP see: GL7020000
RECORDATI see: SI1400000
RECORDIL see: AJ1460000
RECREIN see: KK6650000
RECTALAD-AMINOPHYLLINE see: XH5600000
RECTHORMONE OESTRADIOL see: KG4050000
RECTHORMONE TESTOSTERONE see: XA3115000
RECTOFASA see: UQ8225000
RECTOID see: GM8925000
RECTULES see: FM8750000
RED #14 see: QK1925000
1302 RED see: QJ6550000
1306 RED see: QK2705000
1379 RED see: QJ6030000
1427 RED see: LM5950000
1508 RED see: QJ6550000
1578 RED see: QJ6530000
1671 RED see: LM5950000
1695 RED see: QJ6825000
RED 1860 see: DB5500000
1860 RED see: DB5500000
11411 RED see: BP3675000
11445 RED see: LM5850000
11554 RED see: NO7400000
11731 RED see: LM5850000
RED 11938 see: DB5500000
11959 RED see: QK1925000
11969 RED see: LM5900000
12094 RED see: QL3436000
12101 RED see: QK2705000
12418 RED see: CX9855000
111440 RED see: QK4250000
REDAMINA see: GG3750000
REDAX see: JJ9800000
RED B see: QL5850000
RED 4B ACID see: XT6320000
RED BASE CIBA VI see: BX1575000
RED BASE CIBA IX see: XU5250000
RED BASE CIBA IX see: XU5000000
RED BASE 3 GL see: BX1575000
RED BASE IRGA VI see: BX1575000
RED BASE IRGA IX see: XU5250000
RED BASE IRGA IX see: XU5000000
RED BASE NTR see: XU5000000
RED CEDARWOOD OIL see: FJ1520050
RED COPPER OXIDE see: GL8050000
REDDON see: AJ8400000
REDDOX see: AJ8400000
RED DYE NO. 2 see: QJ6550000
REDERGIN see: KE8800000
RED EXTRACT R see: QL3436000
RED FOR LAKE C see: DB5500000
RED FOR LAKE C TONER RA-5190 see: DB5500000
RED FOR LAKES J see: QJ6825000
RED FOR LAKE TONER RA-5190 see: DB5500000
RED FUMING NITRIC ACID see: QU5900000
RED 2G see: QJ6030000
RED 2G BASE see: BY7000000
RED 3G BASE see: BX1575000
RED 3G SALT see: BX1575000
RED 3GS SALT see: BX1575000
RED 16913H see: DB5500000
REDIFAL see: WO9030000
REDI-FLOW see: CR0600000
RED IRON ORE see: MH7600000
RED IRON OXIDE see: NO7400000
REDISOL see: GG3750000
RED KB BASE see: XU5075000
RED LAKE CM 20-5650 see: DB5500000
RED LAKE CR-1 see: DB5500000
RED LAKE C TONER see: DB5500000
RED LAKE C TONER 20-5650 see: DB5500000
RED LAKE C TONER RA-5190 see: DB5500000
RED LAKE 89865N see: QK2705000
RED LAKE R-91 see: DB5500000
RED LEAD see: OG5425000
RED LEAD CHROMATE see: OF9800000
RED LEAD OXIDE see: OG5425000
RED MERCURIC IODIDE see: OW5250000
RED-NECK KEEL-BACK SNAKE VENOM see: YX4440000
RED NO. 1 see: QK2705000
RED NO. 2 see: QJ6550000
RED NO. 4 see: QK2705000
RED NO. 5 see: QL5850000
RED NO. 213 see: BP3675000
RED NO. 228 see: QL3436000
RED OCHRE see: NO7400000
RED OIL see: RG2275000
REDOLEN, combustion products see: AT6975000
REDON, combustion products see: AT6975000
RED OXIDE see: NO7400000
RED OXIDE D3452 see: NO7400000
RED OXIDE D6984 see: NO7400000
RED OXIDE of IRON see: NO7400000
RED OXIDE of MERCURY see: OW8750000
REDOXON see: CI7650000
RED PRECIPITATE see: OW8750000
RED R see: QJ6825000
RED 3R SOLUBLE IN GREASE see: QL5775000
RED SALT CIBA VI see: BX1575000
RED SALT CIBA IX see: XU5250000
RED SALT IRGA VI see: BX1575000
RED SALT IRGA IX see: XU5250000
RED SALT NBGL see: BX1575000
RED SCARLET see: DB5500000
RED-SEAL-9 see: ZH4810000
REDSKIN see: NX8225000

VF7350000 RED SQUILL

DEF:Sea onion bulbs contain a potent concentration of SCILLIROSIDE, a glycoside bearing a closechemical resemblance to the SCILLARENS (JCPTA9 62,23,52)
UPDT:8408
SYN: BONIDE TOPZOL RAT BAITS and KILLING SYRUP * RAT-O-CIDE RAT BAIT * RAT'S END * RODENE * RODINE * ROUGH & READY RAT BAIT & RAT PASTE * SCILLIROSIDE GLYCOSIDE * SILMURIN * SQUILL * TOPZOL * URGENEA MARITIMA

TOXICITY DATA AND REFERENCES:

3G08G13K13 orl-man TDLo:1414 mg/kg JAMAAP 75,971,20

orl-rat LD50:430 ug/kg 31ZOAD 1,371,68
* ipr-rat LD50:150 mg/kg JAPMA8 37,307,48
1F12 orl-mus LD50:50 mg/kg APTOA6 8,391,52
orl-cat LDLo:100 mg/kg JCPTA9 62,23,52
orl-rbt LDLo:300 mg/kg JCPTA9 62,23,52
orl-pig LDLo:300 mg/kg JCPTA9 62,23,52
orl-dom LDLo:250 mg/kg JCPTA9 62,23,52

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RED TONER Z see: DB5500000
RED TR BASE see: XU5000000
RED TRS SALT see: XU5250000
REDUCED GLUTATHIONE see: MC0556000
REDUCED MICHLER'S KETONE see: BY5250000
REDUCED PENICILLAMINE see: YV9425000
REDUCED D-PENICILLAMINE see: YV9425000
REDUCTO see: QE2450000
REDUCTONE see: JP2100000
REDUCYMOL see: UV9280000
REDUFORM see: RC9275000
REDUL see: DB2920000
REDUTON see: TY8400000
RED ZH see: QK4250000
REE see: AJ6200000
REED AMINE 400 see: AG8400000

VF7614000 REED 4-41 BRUSH KILLER
DEF:DIMETHYLAMINE salts of 2,4-D, MECOPROP and DICAMBA (FMCHA2 -,C205,83)
UPDT:8309

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1320 mg/kg FMCHA2 -,C205,83

REED LV 2,4-D see: AG8575000
REED LV 400 2,4-D see: AG8575000
REED LV 600 2,4-D see: AG8575000
REELON see: UV1153900
REFINED SOLVENT NAPHTHA see: SE7555000
REFORMIN see: QS4375000
REFORMIN see: AM4375000
REFOSPOREN see: XI0384000
REFRIGERANT 12 see: PA8200000
REFRIGERANT 22 see: PA6390000
REFUGAL see: DC7600000
REFUSAL see: JO1225000
REGAL see: FF5800000
REGAL 99 see: FF5800000
REGAL 300 see: FF5800000
REGAL 330 see: FF5800000
REGAL 600 see: FF5800000
REGAL 400R see: FF5800000
REGAL SRF see: FF5800000
REGARDIN see: UE9480000
REGELAN see: UE9480000
REGELAN N see: UE9480000
REGENERATED CELLULOSE see: MW3864000
REGENERATED RUBBER (DOT) see: VL8043000
REGIANIN see: QJ5775000
REGIM 8 see: DH9275000
REGIM-8 see: DH9350000
REGIN 8 see: DH9275000
REGION see: AC8450000
REGITINE MESYLATE see: SL5430000
REGITINE METHANESULFONATE see: SL5430000
REGITIN METHANESULPHONATE see: SL5430000
REGLETIN see: UA5425000
REGLON see: JM5690000
REGLONE see: JM5690000
REGLOX see: JM5690000
REGONAL see: UU5270000
REGONOL see: MG0185000
REGROTON see: ZG0350000
REGULIN see: ME8575000
REGULOX see: UR5950000
REGULOX W see: UR5950000
REGULOX 50 W see: UR5950000
REGULTON see: UR6066500
REGUTOL see: WN0525000

VF9370000 REHMANIA GLUTINOSA Libosch, crude extract
UPDT:8408

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:20 gm/kg (2D pre/1-3D preg) MPHEAE 16,414,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

REHORMIN see: QS4375000
REICHSTEIN'S SUBSTANCE FA see: GM9020000
REICHSTEIN'S SUBSTANCE H see: GM7650000
REICHSTEIN'S SUBSTANCE M see: GM8925000
REICHSTEIN X see: TU4523000
REI EXTRACT (Indian) see: AA4351000
REIN GUARIN see: MG0185000
REISE-ENGLETTEN see: XH5082000

VF9770000 REISSANTIA INDICA Halle., extract excluding roots
DEF:Indian plant belonging to the family HIPPOCRATEACEAE (IJEBA6 12,512,74)
UPDT:8302

TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:500 mg/kg IJEBA6 12,512,74

REKAWAN see: TS8050000
RELA see: FB3325000
RELACT see: DF2450000
RELAMINAL see: DF1575000
RELAN BETA see: DK8225000
RELANIUM see: DF1575000
RELASOM see: FB3325000
RELAX see: FB3325000
RELAX see: DF1575000
RELAXAN see: BS1100000
RELAXANT see: TZ1225000
RELAXAR see: TZ1225000
RELAXIL see: TZ1225000

VG0720000 RELAXIN
UPDT:8403 CAS: 9002-69-1
SYN: CERVILAXIN * RELEASIN * W 1164-3

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T26 scu-rat TDLo:5 mg/kg (4-5D preg) PSEBAA 152,419,76
3T17T72T76 ims-pig TDLo:362 ug/kg (14-16W preg) BIREBV 21,57,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RELAXYL see: TZ1225000
RELAXYL-G see: TY8400000
RELBAPIRIDINA see: DA9625000
RELDAN see: TG0700000
RELEASIN see: VG0720000
RELIBERAN see: DE9450000
RELICOR see: UH0350000
RELICOR HYDROCHLORIDE see: UH0350000
RELITON YELLOW C see: AC3662000
RELON P see: TQ9800000
RELUTIN see: TU5085000
REMADERM YELLOW HPR see: DB7329500
REMALAN BRILLIANT BLUE R see: CB1050000
REMANTADIN see: AU4717000
REMASAN CHLOROBLE M see: OP0700000
REMAZIN see: UQ8400000
REMAZOL BLACK B see: QJ6402500
REMAZOL BRILLIANT BLUE R see: CB1050000
REMAZOL RED B see: QK2100000
REMAZOL YELLOW G see: DB7000000
REMEFLIN see: LK8400000
REMESTAN see: DF1225000
REMICYCLIN see: QI9100000
REMID see: UR0785000
REMIN see: EK1050000
REMOL TRF see: DV5775000
REMONOL see: VH2750000
REMSED see: SO8225000 PHENOTHIAZINE, 10-(2-(DIMETHYLAMINO)PROPYL)-, MONOHYDROCHLORIDE
REMYLINE Ac see: GM5090000
REMYOLAN see: BS1100000
RENACIT II see: DC1948000 BENZENETHIOL, 2,4,5-TRICHLORO-
RENAFUR see: NJ0875000
RENAGLADIN see: DO2625000
RENAGLANDIN see: DO2625000
RENAGLANDULIN see: DO2625000
RENAL AC see: SJ5075000
RENAL EG see: SJ4900000
RENALEPTINE see: DO2625000
RENALINA see: DO2625000
RENAL MD see: XS9[illegible]25000
RENAL PF see: SS8050000
RENAL SLA see: ST2705000
RENARCOL see: KM3675000
RENARCOL see: TZ1225000
RENARDIN see: VT5960000
RENARDINE see: VT5960000
RENAZIDE see: DK9610000
RENBORIN see: DF1575000
RENESE R see: ZG0350000
RENOFORM see: DO2625000
RENOGRAFFIN M-76 see: LZ4315000
RENOGRAFIN see: LZ4315000
RENOLBLAU 3B see: QJ6475000
RENO M 60 see: LZ4315000
RENO-M-DIP see: LZ4315000
RENON see: DB1556000
REN O-SAL see: CY5250000
RENOSTYPRICIN see: DO2625000
RENOSTYPTICIN see: DO2625000
RENOSTYPTIN see: DO2625000
RENOSULFAN see: WO9100000
RENSELIN see: YQ2975000
RENSTAMIN see: UT1225000
RENTOVET see: XO1050000
RENUMBRAL see: MR8162000
RENURIX see: LZ4315000
RENYL MV see: TQ9800000
REOMAX see: AG6600000
REOMOL DOA see: AU9700000
REOMOL DOP see: TI0350000
REOMOL D 79P see: TI0350000
REON EXTRACT (Indian) see: AA7684000
REORGANIN see: TY8400000
REOSTRAL see: TZ0175000
REP see: CV4202000
REPAIRSIN see: TR0400000
REPARIL see: KF6296000
REPDIPHEN see: CZ4020000 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER, mixt. with N,N-DIETHYL-2-PHENOXYACETAMIDE
REPEL see: XS3675000
REPELLENT 612 see: MO2625000
REPELTIN see: SO5700000
REPICIN see: DK8225000
REPOC see: TQ3325000
REPODRAL see: CC2850000
REPOISE see: RQ3500000
REPOISE MALEATE see: EL9200000
REPOSAL see: CQ0525000
REPOSAL 'NOVO' see: CQ0525000
REPOSAMAL see: CQ0525000
REPOSO-TMD see: XA3080000
REPPER-DET see: XS3675000
REPRODAL see: CC2850000
REPROMIX see: TU5010000
REPROTEROLE HYDROCHLORIDE see: XH5099000
REPROTEROL HYDROCHLORIDE see: XH5099000
R 25788 plus EPTC see: KD8090000
REPTILASE see: UK9588000
REPTILASE R see: UK9588000
REPUDIN-SPECIAL see: XS3675000
REPULSON see: YN5080000
REQUTOL see: WN0525000

RERANIL see: DK6825000
R-E-S see: ZG0350000
76 RES see: AT4680000
76 RES see: AK0920000
RESALTEX see: ZG0350000
RESAMIN 155F see: YU1610000
RESAMIN HW 505 see: YU1610000
RESARIT 4000 see: TR0400000
RESCALOID see: ZG0700000
RESCAMIN see: ZG0700000
RESCIDAN see: ZG0700000
RESCIMETOL see: ZF9430000
RESCIN see: ZG0700000
RESCINNAMINE see: ZG0700000
RESCINPAL see: ZG0700000
RESCISAN see: ZG0700000
RESCITENS see: ZG0700000
RESCUE SQUAD see: WB0350000
RESEDIN see: ZG0350000
RESEDREX see: ZG0350000
RESEDRIL see: ZG0350000
RESE-LAR see: ZG0350000
RESER-AR see: ZG0350000
RESERBAL see: ZG0350000
RESERCAPS see: ZG0350000
RESERCEN see: ZG0350000
RESERCRINE see: ZG0350000
RESERFIA see: ZG0350000
RESERJEN see: ZG0350000
RESERLOR see: ZG0350000
RESERP see: ZG0350000
RESERPAL see: ZG0350000
RESERPAMED see: ZG0350000
RESERPANCA see: ZG0350000
RESERPATE de METHYLE (French) see: ZF9890000
RESERPENE see: ZG0350000
RESERPEX see: ZG0350000
RESERPIC ACID, METHYL ESTER, ester with 4-HYDROXY-3,5-DIMETHOXYBENZOIC ACID ETHYL CARBONATE see: ZG0175000
RESERPIDEFE see: ZG0350000
RESERPIDINE see: ZG0875000
RESERPIL see: ZG0350000
RESERPIN see: ZG0350000
RESERPINA see: ZG0350000
RESERPINE see: ZG0350000
RESERPINENE see: ZG0700000
RESERPINE PHOSPHATE see: ZG0600000
RESERPININ see: ZG0700000
RESERPININE see: ZG0700000
RESERPINUM see: ZG0350000
RESERPKA see: ZG0350000
RESERPOID see: ZG0350000
RESERPUR see: ZG0350000
RESERP 'WANDER' see: ZG0350000
RESERSANA see: ZG0350000
RESERUTIN see: ZG0350000
RESIATRIC see: ZG0350000
RESIBUFOGENIN see: EI2975000
RESIDINE see: ZG0350000
RESIL see: TY8400000
RESIMENE X 970 see: YU1610000
RESIMENE X 975 see: YU1610000
RESIMENE X 980 see: YU1610000
RESIMINE 975 see: YU1610000
RESIN 4301 see: AK0950000

VG7110000 RESIN solution
UPDT:8308
SYN: RESIN SOLUTION (resin compound, liquid) (DOT) * SOLUBOND 0-869 * SOLUBOND 3520 * UN 1866 (DOT) * UN 2868 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE	CFRGBR 49,172.101,82
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.101,82

VG7112000 RESIN solution, poisonous
UPDT:8312
SYN: RESIN solution, poisonous (DOT) * UN 1896 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:FLAMMABLE LIQUID AND POISON	CFRGBR 49,172.102,83

RESIN ACIDS and ROSIN ACIDS, ALUMINUM SALTS see: BD1430000
RESIN ACIDS AND ROSIN ACIDS, MANGANESE SALTS see: OP0957000
RESIN ACIDS AND ROSIN ACIDS, ZINC SALTS see: VG7116000

VG7116000 RESIN ACID, ZINC SALT
UPDT:8401 CAS: 9010-69-9
SYN: RESIN ACIDS AND ROSIN ACIDS, ZINC SALTS * UN 2714 (DOT) * ZINC RESINATE * ZINC RESINATE (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID	CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RESINA X see: YU1610000
RESIN solution, poisonous (DOT) see: VG7112000
RESINE see: ZG0350000
RESINOL BROWN RRN see: ST2900000
RESINOL ORANGE R see: QL4900000
RESINOL RED 2B see: QL5775000
RESINOL RRN see: ST2900000
RESINOL YELLOW GR see: BX7350000
RESIN SCARLET 2R see: QL5850000
RESIN SOLUTION (resin compound, liquid) (DOT) see: VG7110000
RESIN TOLU see: CP2355000
RESIPAL see: ZG0700000
RESIREN YELLOW TG see: AC3662000
RESISAN see: BX2975000
RESISTAB see: UV8750000
RESISTAMINE see: US3150000
RESISTAMINE see: US2800000
RESISTOFLEX see: TR8100000
RESISTOMYCIN see: DJ6350000
RESISTOMYCIN (BAYER) see: NZ3225030
RESISTOPEN see: XH9100000
RESISTOPHEN see: XH9100000
RESISTOX see: GN6300000
RESITAN see: BP7600000
RESITOX see: GN6300000
RESKINNAMIN see: ZG0700000
RESLOOM M 75 see: PC3700000
RESMETHRIN see: GZ1310000
(+)-cis-RESMETHRIN see: GZ1430000
(+)-trans-RESMETHRIN see: GZ1310500
d-trans-RESMETHRIN see: GZ1310500
RESMETRINA (Portuguese) see: GZ1310000
RESMIT see: DE9070000
RESOBANTIN see: BP7632500
RESOCALM see: ZG0350000
RESOCHEN see: VB2360000
RESOCHIN see: VB2450000
RESOCHIN see: VB2360000
RESOCHIN DIPHOSPHATE see: VB2450000
RESOFORM ORANGE G see: QL4900000
RESOFORM ORANGE R see: QL5850000
RESOFORM RED G see: QL5775000
RESOFORM YELLOW GGA see: BX7350000
RESOMINE see: ZG0350000
RESOQUINA see: VB2360000
RESOQUINE see: VB2450000
RESOQUINE see: VB2360000
RESORCIN see: VG9625000
RESORCIN ACETATE see: VH2750000
RESORCINE see: VG9625000
RESORCINE BROWN J see: ZE8575000
RESORCINE BROWN R see: ZE8575000
RESORCIN MONOACETATE see: VH2750000

VG9625000 RESORCINOL
UPDT:8412 CAS: 108-46-3 MW: 110.12 MOLFM: C6-H6-O2
SYN: BENZENE, m-DIHYDROXY- * m-BENZENEDIOL * 1,3-BENZENEDIOL * C.I. 76505 * C.I. DEVELOPER 4 * C.I. OXIDATION BASE 31 * DEVELOPER O * DEVELOPER R * DEVELOPER RS * m-DIHYDROXYBENZENE * 1,3-DIHYDROXYBENZENE * m-DIOXYBENZENE * DURAFUR DEVELOPER G * FOURAMINE RS * FOURRINE 79 * FOURRINE EW * m-HYDROQUINONE * 3-HYDROXYCYCLOHEXADIEN-1-ONE * m-HYDROXYPHENOL * 3-HYDROXYPHENOL * NAKO TGG * NCI-C05970 * PELAGOL GREY RS * PELAGOL RS * PHENOL, m-HYDROXY- * RCRA WASTE NUMBER U201 * RESORCIN * RESORCINE * RESORCINOL (DOT) * UN 2876 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg	IHFCAY 6,1,67
	eye-rbt 100 mg SEV	BIOFX* 11-4/70

MUTATION DATA AND REFERENCES:

	mmo-sat 400 uL/plate	BECTA6 24,590,80
	mma-sat 20 umol/plate	MUREAV 90,91,81
	mrc-smc 1 gm/L	MUREAV 135,109,84
	cyt-hmn:lym 80 mg/L	ARZNAD 32,533,82
	cyt-hmn:oth 40 mg/L	ARZNAD 32,533,82
	cyt-ham:ovr 1600 mg/L	CALEDQ 14,251,81

TUMORIGENIC DATA AND REFERENCES:

2V03R60	skn-mus TDLo:4800 mg/kg/12W-I	CNREA8 19,413,59

TOXICITY DATA AND REFERENCES:

	orl-hmn LDLo:29 mg/kg	34ZIAG -,519,69
	orl-rat LD50:301 mg/kg	BIOFX* 11-4/70
	scu-rat LDLo:400 mg/kg	RMSRA6 15,561,1895
3F07F11F19	ipr-mus LD50:240 mg/kg	JAPMA8 46,185,57
	scu-mus LDLo:340 mg/kg	AEPPAE 166,437,32
	ivn-dog LDLo:700 mg/kg	HBAMAK 4,1289,35
	scu-cat LDLo:110 mg/kg	AEXPBL 72,241,13
2R10U01	skn-rbt LD50:3360 mg/kg	AIHAAP 37,596,76
	scu-gpg LDLo:400 mg/kg	RMSRA6 15,561,1895
	par-frg LDLo:270 mg/kg	AEPPAE 166,437,32

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: MUREAV 47(2),75,78	
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 15,155,77
★ TLV-TWA 10 ppm; STEL 20 ppm	DTLVS* 4,357,80

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORM-E; LABEL:NONE	CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS	CFRGBR 49,172.102,83

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VG9810000 RESORCINOL, 4-AMINO-2-BROMO-6-HEXYL-, HYDROBROMIDE
UPDT:8406 MW: 369.14 MOLFM: C12-H18-Br-N-O2 Br-H
SYN: 2-BROMO-4-AMINO-6-n-HEXYLRESORCINOL HYDROBROMIDE

TOXICITY DATA AND REFERENCES:

3F17J30U26	ipr-mus LD50:80 mg/kg	OYYAA2 7,461,73

VG9820000 RESORCINOL, 4-AMINO-6-HEXYL-, HYDROCHLORIDE
UPDT:8406 MW: 245.78 MOLFM: C12-H19-N-O2 Cl-H
SYN: AMR * 4-AMINO-6-HEXYLRESORCINOL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F17J30U26	ipr-mus LD50:34 mg/kg	OYYAA2 7,461,73

VG9900000 RESORCINOL, 2-(2-AMINO-1-METHYLETHYL)-, HYDROCHLORIDE
UPDT:8406 MW: 203.69 MOLFM: C9-H13-N-O2 Cl-H
SYN: 2-(2-AMINO-1-METHYLETHYL)RESORCINOL HYDROCHLORIDE * beta-2,6-DIHYDROXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F12G10J26	ivn-rat LD50:90 mg/kg	JPETAB 81,360,44

VG9901000 RESORCINOL, 6-(2-AMINO-1-METHYLETHYL)-, HYDROCHLORIDE
UPDT:8406 MW: 203.69 MOLFM: C9-H13-N-O2 Cl-H
SYN: 6-(2-AMINO-1-METHYLETHYL)RESORCINOL HYDROCHLORIDE * beta-2,4-DIHYDROXYPHENYL-n-PROPYLAMINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F12G10J26	ivn-rat LD50:150 mg/kg	JPETAB 81,360,44

VH0450000 RESORCINOL, 4-CHLORO-
UPDT:8408 CAS: 95-88-5 MW: 144.56 MOLFM: C6-H5-Cl-O2
SYN: 4-CHLORORESORCINOL

IRRITATION DATA AND REFERENCES:

	eye-rbt 5% MLD	JAPMA8 46,185,57

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-rat TDLo:2 gm/kg (6-15D preg)	JACTDZ 2(4),325,83

TOXICITY DATA AND REFERENCES:

3F07F19P21	orl-rat LD50:369 mg/kg	FCTXAV 15,607,77
3F07F11F19	ipr-mus LD50:195 mg/kg	JAPMA8 46,185,57

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VH0580000 RESORCINOL, DIACETATE
UPDT:8405 CAS: 108-58-7 MW: 194.20 MOLFM: C10-H10-O4
SYN: 1,3-BENZENEDIOL, DIACETATE * 1,3-DIACETOXYBENZENE * 1,3-DIHYDROXYBENZENE DIACETATE * m-PHENYLENEDIACETATE
IRRITATION DATA AND REFERENCES:
eye-rbt 5% SEV JAPMA8 46,185,57
TOXICITY DATA AND REFERENCES:
3F07F11F19 ipr-mus LD50:660 mg/kg JAPMA8 46,185,57

VH0590000 RESORCINOL, DIBENZOATE
UPDT:8405 CAS: 94-01-9 MW: 318.34 MOLFM: C20-H14-O4
SYN: 1,3-BENZENEDIOL, DIBENZOATE * 1,3-BIS(BENZOYLOXY)BENZENE
TOXICITY DATA AND REFERENCES:
3F07F11F19 ipr-mus LD50:8000 mg/kg JAPMA8 46,185,57

VH0600000 RESORCINOL, 4-((3,5-DIBROMO-2-HYDROXYPHENYL)AZO)-6-HEXYL-
UPDT:8303 CAS: 3565-32-0 MW: 472.22 MOLFM: C18-H20-Br2-N2-O3
SYN: AZO-36 * 4-((3,5-DIBROMO-2-HYDROXYPHENYL)AZO)-6-HEXYLRESORCINOL
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:40 mg/kg CPBTAL 10,528,62

VH0650000 RESORCINOL, 4-(((3,5-DIBROMO-2-HYDROXYPHENYL)IMINO)METHYL)-6-HEXYL-
UPDT:8303 MW: 471.23 MOLFM: C19-H21-Br2-N-O3
SYN: 4-(((3,5-DIBROMO-2-HYDROXYPHENYL)IMINO)METHYL)-6-HEXYLRESORCINOL * 4-HEXYL-6-(2-HYDROXY-3,5-DIBROMOPHENYLIMINOMETHYL)RESORCINOL
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:300 mg/kg CPBTAL 10,528,62

VH0900000 RESORCINOL, 4,4'-(1,2-DIETHYLETHYLENE)DI-
UPDT:8401 CAS: 85720-47-4 MW: 302.40 MOLFM: C18-H22-O4
SYN: 4,4'-(1,2-DIETHYLETHYLENE)DIRESORCINOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:120 ug/kg (3D pre) JMCMAR 26,1137,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VH1050000 RESORCINOL, DIGLYCIDYL-
UPDT:8412 CAS: 101-90-6 MW: 222.26 MOLFM: C12-H14-O4
SYN: ARALDITE ERE 1359 * m-BIS(2,3-EPOXYPROPOXY)BENZENE * 1,3-BIS(2,3-EPOXYPROPOXY)BENZENE * DIGLYCIDYL ETHER of RESORCINOL * DIGLYCIDYL RESORCINOL ETHER * ERE 1359 * NCI-C54966 * OXIRANE, 2,2'-(1,3-PHENYLENEBIS(OXYMETHYLENE))BIS- * 2,2'-(1,3-PHENYLENEBIS(OXYMETHYLENE))BISOXIRANE * RDGE * RESORCINOL DIGLYCIDYL ETHER * RESORCINYL DIGLYCIDYL ETHER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD AMIHAB 17,129,58
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate MUREAV 135,159,84
cyt-ham:ovr 8 mg/L MUREAV 135,159,84
TUMORIGENIC DATA AND REFERENCES:
2V03R60 unk-mus TDLo:6700 mg/kg RARSAM 3,193,63
TOXICITY DATA AND REFERENCES:
1K07 orl-rat LD50:2570 mg/kg AMIHAB 17,129,58
2F07K17 ipr-rat LD50:178 mg/kg AMIHAB 17,129,58
1F07 orl-mus LD50:980 mg/kg AMIHAB 17,129,58
2F07K17 ipr-mus LD50:243 mg/kg AMIHAB 17,129,58
1F07 orl-rbt LD50:1240 mg/kg AMIHAB 17,129,58
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 11,125,76
STATUS:
NTP CARCINOGENESIS STUDIES, TEST COMPLETED, OCTOBER 1984
★ NIOSH CURRENT INTELLIGENCE BULLETIN 29, 1978
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RESORCINOL DIGLYCIDYL ETHER see: VH1050000
RESORCINOL DIMETHYL ETHER see: CZ6474000

VH1250000 RESORCINOL, DINITRO-
UPDT:8312 CAS: 35860-51-6 MW: 200.12 MOLFM: C6-H4-N2-O6
SYN: 1,3-BENZENEDIOL, DINITRO- (9CI) * DINITRORESORCINOL * DINITRORESORCINOL, dry or containing, by weight, less than 15% water (DOT) * UN 0078 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172,102,83

VH1255000 RESORCINOL, DINITRO-, wetted with at least 15% water
UPDT:8312 CAS: 35860-51-6 MW: 200.12 MOLFM: C6-H4-N2-O6
SYN: DINITRORESORCINOL, wetted with, by weight, at least 15% water (DOT) * UN 1322 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172,102,83

RESORCINOL (DOT) see: VG9625000

VH1575000 RESORCINOL, 4-HEXYL-
UPDT:8412 CAS: 136-77-6 MW: 194.30 MOLFM: C12-H18-O2
SYN: ASCARYL * CAPROROL * CRYSTOIDS * CYSTOIDS ANTHELMINTIC * GELOVERMIN * 4-HEXYL-1,3-BENZENEDIOL * 4-HEXYL-1,3-DIHYDROXYBENZENE * HEXYLRESORCIN (German) * 4-HEXYLRESORCINE * HEXYLRESORCINOL * p-HEXYLRESORCINOL * 4-HEXYLRESORCINOL * 4-n-HEXYLRESORCINOL * NCI-C55787 * S.T. 37 * SUCRETS * WORMAGEN
IRRITATION DATA AND REFERENCES:
eye-rbt 2 mg AEPPAE 219,119,53
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T12 scu-rat TDLo:5 mg/kg (1D pre) ENDOAO 57,466,55
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:550 mg/kg JPETAB 53,198,35
* orl-mus LD50:1040 mg/kg PHARAT 30,147,75
ipr-mus LDLo:50 mg/kg HBTXAC 5,148,59
scu-mus LDLo:750 mg/kg HBTXAC 5,148,59
* unk-mus LDLo:100 mg/kg AIMPA2 32,177,38
orl-gpg LDLo:400 mg/kg PSEBAA 28,609,31
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

beta-RESORCINOLIC ACID see: VH3708050

VH1600000 RESORCINOL, 2-p-MENTHA-1,8-DIEN-3-YL-5-PENTYL-, (-)-(E)-
UPDT:8303 CAS: 13956-29-1 MW: 314.51 MOLFM: C21-H30-O2
SYN: 1,3-BENZENEDIOL, 2-(3-METHYL-6-(1-METHYLETHENYL)-2-CYCLOHEXEN-1-YL)-5-PENTYL-, (1R-trans)- * CANNABIDIOL * (-)-CANNABIDIOL * (-)-trans-CANNABIDIOL * CBD * (-)-trans-2-p-MENTHA-1,8-DIEN-3-YL-5-PENTYLRESORCINOL
MUTATION DATA AND REFERENCES:
mnt-mus-ipr 50 mg/kg/5D-I PHMGBN 21,277,80
dni-mus:lng 33700 nmol/L CNREA8 36,95,76
dni-mus:bmr 489 umol/L CNREA8 36,95,76
cyt-mus-ipr 50 mg/kg/5D-I PHMGBN 21,277,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T23T35T76 orl-mus TDLo:750 mg/kg (15D male) SCIEAS 216,315,82
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:50 mg/kg JMCMAR 18,213,75
3F23G04J22 ivn-mky LD50:212 mg/kg TXAPA9 58,118,81
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VH1619000 RESORCINOL, 4-p-MENTHA-1,8-DIEN-3-YL-5-PENTYL-
UPDT:8303 MW: 314.51 MOLFM: C21-H30-O2
SYN: ABN-CBD * 1-HYDROXY-3-n-PENTYL CANNABIDIOL * 4-p-MENTHA-1,8-DIEN-3-YL-5-PENTYLRESORCINOL
MUTATION DATA AND REFERENCES:
dni-mus:lng 92800 nmol/L CNREA8 36,95,76
dni-mus:leu 12900 umol/L CNREA8 36,95,76
dni-mus:bmr 5510 nmol/L CNREA8 36,95,76

VH2100000 RESORCINOL, 5-METHYL-
UPDT:8412 CAS: 504-15-4 MW: 124.15 MOLFM: C7-H8-O2
SYN: 1,3-DIHYDROXY-5-METHYLBENZENE * 3,5-DIHYDROXYTOLUENE * 5-METHYL-1,3-BENZENEDIOL * 5-METHYLRESORCINOL * ORCIN * ORCINOL * ORCINOL, 5-METHYLRESORCINOL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:844 mg/kg GTPPAF 8,145,72
scu-rat LDLo:1000 mg/kg RMSRA6 15,561,1895
* unk-rat LD50:844 mg/kg GTPPAF 8,145,72
orl-mus LD50:772 mg/kg HYSAAV 34(4-6),16,69
* ipr-mus LD50:405 mg/kg CTYAD8 12,410,81
* ivn-mus LD50:290 mg/kg CTYAD8 12,410,81
orl-rbt LD50:2400 mg/kg HYSAAV 34(4-6),16,69
orl-gpg LD50:1687 mg/kg HYSAAV 34(4-6),16,69
scu-gpg LDLo:600 mg/kg RMSRA6 15,561,1895
scu-frg LDLo:50 mg/kg RMSRA6 15,561,1895
* orl-mam LD50:2400 mg/kg GISAAA 45(10),16,80
* skn-mam LD50:7800 mg/kg GISAAA 45(10),16,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

RESORCINOL METHYL ETHER see: SL7524000

VH2750000 RESORCINOL, MONOACETATE
UPDT:8405 CAS: 102-29-4 MW: 152.16 MOLFM: C8-H8-O3
SYN: 3-ACETOXYPHENOL * ACETYLRESORCINOL * 1,3-BENZENEDIOL, MONOACETATE * EURESOL * m-HYDROXYPHENYL ACETATE * REMONOL * RESORCIN ACETATE * RESORCIN MONOACETATE * RESORCITATE
IRRITATION DATA AND REFERENCES:
eye-rbt 5% SEV JAPMA8 46,185,57
TOXICITY DATA AND REFERENCES:
3F07F11F19 ipr-mus LD50:400 mg/kg JAPMA8 46,185,57

VH2800000 RESORCINOL, MONOBENZOATE
UPDT:8407 CAS: 136-36-7 MW: 214.23 MOLFM: C13-H10-O3
SYN: BENZOIC ACID, m-HYDROXYPHENYL ESTER * EASTMAN INHIBITOR RMB * 3-HYDROXYPHENYL BENZOATE
IRRITATION DATA AND REFERENCES:
eye-rbt 5% MLD JAPMA8 46,185,57
TOXICITY DATA AND REFERENCES:
orl-rat LD50:800 mg/kg 14CYAT 2,1897,63
ipr-rat LD50:400 mg/kg 14CYAT 2,1397,63
3F07F11F19 ipr-mus LD50:710 mg/kg JAPMA8 46,185,57
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RESORCINOL MONOMETHYL ETHER see: SL7524000
RESORCINOL PHTHALEIN SODIUM see: LM5425000

VH3360000 RESORCINOL, 2,4,5,6-TETRANITRO-, dry
UPDT:8308 MW: 290.12 MOLFM: C6-H2-N4-O10
SYN: TETRANITRORESORCINOL, dry (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172,101,82

VH3520000 RESORCINOL, TRIIODO-
UPDT:8405 CAS: 58649-90-4 MW: 487.79 MOLFM: C6-H3-I3-O2
SYN: 1,3-BENZENEDIOL, TRIIODO- * TRIIODORESORCINOL
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:4500 mg/kg JAPMA8 43,495,54

VH3540000 RESORCINOL, 2,4,6-TRINITRO-
UPDT:8312 CAS: 82-71-3 MW: 245.12 MOLFM: C6-H3-N3-O8
SYN: 1,3-BENZENEDIOL, 2,4,6-TRINITRO- (9CI) * 2,4-DIHYDROXY-1,3,5-TRINITROBENZENE * 1,3-DIHYDROXY-2,4,6-TRINITROBENZENE * 3-HYDROXY-2,4,6-TRINITROPHENOL * STYPHNIC ACID * 2,4,6-TRINITRO-1,3-BENZENEDIOL * 2,4,6-TRINITRORESORCINOL * TRINITRORESORCINOL (DOT) * TRINITRORESORCINOL, DRY or containing not less than 20% water (DOT) * UN 0219 (DOT) * UN 0394 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172,101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RESORCINYL DIGLYCIDYL ETHER see: VH1050000
RESORCITATE see: VH2750000

VH3707550 beta-RESORCYLALDEHYDE, 5-CHLORO-6-METHYL-3-(3-METHYL-5-(1,2,6-TRIMETHYL-5-OXO-3-CYCLOHEXEN-1-YL)-2,4-PENTADIENYL)-
UPDT:8407 CAS: 23887-67-4 MW: 402.95 MOLFM: C23-H27-Cl-O4
SYN: CYLINDROCHLORIN * ILICICOLIN E
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:37900 ug/kg 30ZDA9 -,1929,78

VH3707680 gamma-RESORCYLAMIDE, 3,5-DICHLORO-4-METHYL-
UPDT:8406 MW: 236.06 MOLFM: C8-H7-Cl2-N-O3
SYN: 3,5-DICHLORO-2,6-DIHYDROXY-4-METHYLBENZAMIDE * 3,5-DICHLORO-4-METHYL-gamma-RESORCYLAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:110 mg/kg PMDCAY 5,59,67

VH3708000 alpha-RESORCYLIC ACID
UPDT:8406 CAS: 99-10-5 MW: 154.13 MOLFM: C7-H6-O4
SYN: BENZOIC ACID, 3,5-DIHYDROXY- (9CI) * 5-CARBOXYRESORCINOL * 3,5-DIHYDROXYBENZOIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:2000 mg/kg PMDCAY 5,59,67
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VH3708050 beta-RESORCYLIC ACID
UPDT:8403 CAS: 89-86-1 MW: 154.13 MOLFM: C7-H6-O4
SYN: BENZOIC ACID, 2,4-DIHYDROXY- (9CI) * 4-CARBOXYRESORCINOL * 2,4-DHBA * 2,4-DIHYDROXYBENZOIC ACID * p-HYDROXYSALICYLIC ACID * 4-HYDROXYSALICYLIC ACID * beta-RESORCINOLIC ACID
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 scu-rat TDLo:642 mg/kg (11D preg) RCOCB8 38,209,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VH3708100 gamma-RESORCYLIC ACID, 4-BENZYL-
UPDT:8406 MW: 244.26 MOLFM: C14-H12-O4
SYN: 4-BENZYL-2,6-DIHYDROXYBENZOIC ACID * 4-BENZYL-gamma-RESORCYLIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg PMDCAY 5,59,67

VH3708200 gamma-RESORCYLIC ACID, 4-BENZYL-3,5-DIBROMO-
UPDT:8406 MW: 402.06 MOLFM: C14-H10-Br2-O4
SYN: 4-BENZYL-3,5-DIBROMO-2,6-DIHYDROXYBENZOIC ACID * 4-BENZYL-3,5-DIBROMO-gamma-RESORCYLIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:105 mg/kg PMDCAY 5,59,67

VH3708400 beta-RESORCYLIC ACID, 5-CHLORO-
UPDT:8406 MW: 188.57 MOLFM: C7-H5-Cl-O4
SYN: 5-CHLORO-2,4-DIHYDROXYBENZOIC ACID * 5-CHLORO-beta-RESORCYLIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1075 mg/kg PMDCAY 5,59,67

VH3708450 gamma-RESORCYLIC ACID, 3-CHLORO-4-METHYL-
UPDT:8403 CAS: 73855-52-4 MW: 201.59 MOLFM: C8-H6-Cl-O4
SYN: BENZOIC ACID, 3-CHLORO-2,6-DIHYDROXY-4-METHYL- * 3-CHLORO-4-METHYL-2,6-DIHYDROXYBENZOIC ACID * p-OSELLINIC ACID, 3-CHLORO-
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:100 mg/kg YKKZAJ 89(10),1392,69

VH3708500 gamma-RESORCYLIC ACID, 3,5-DIBROMO-
UPDT:8406 CAS: 3147-51-1 MW: 311.93 MOLFM: C7-H4-Br2-O4
SYN: 3,5-DIBROMO-2,6-DIHYDROXYBENZOIC ACID * 3,5-DIBROMO-gamma-RESORCYLIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:350 mg/kg PMDCAY 5,59,67

VH3708600 gamma-RESORCYLIC ACID, 3,5-DIBROMO-4-METHYL-
UPDT:8406 MW: 325.96 MOLFM: C8-H6-Br2-O4
SYN: 3,5-DIBROMO-2,6-DIHYDROXY-4-METHYLBENZOIC ACID * 3,5-DIBROMO-4-METHYL-gamma-RESORCYLIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:138 mg/kg PMDCAY 5,59,67

VH3708800 beta-RESORCYLIC ACID, 3,5-DICHLORO-
UPDT:8406 MW: 223.01 MOLFM: C7-H4-Cl2-O4
SYN: 3,5-DICHLORO-2,4-DIHYDROXYBENZOIC ACID * 3,5-DICHLORO-beta-RESORCYLIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1000 mg/kg PMDCAY 5,59,67

VH3708820 gamma-RESORCYLIC ACID, 3,5-DICHLORO-4-METHYL-
UPDT:8404 CAS: 73855-53-5 MW: 236.03 MOLFM: C8-H5-Cl2-O4
SYN: BENZOIC ACID, 3,5-DICHLORO-2,6-DIHYDROXY-4-METHYL- * 3,5-DICHLORO-4-METHYL-2,6-DIHYDROXYBENZOIC ACID * p-OSELLINIC ACID, 3,5-DICHLORO-
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:82 mg/kg YKKZAJ 89(10),1392,69

VH3708850 beta-RESORCYLIC ACID, 3,6-DIMETHYL-, 4-(2,4-DIMETHOXY-3,6-DIMETHYLBENZOATE)
UPDT:8309 CAS: 436-32-8 MW: 374.42 MOLFM: C20-H22-O7
SYN: BENZOIC ACID, 2,4-DIMETHOXY-3,6-DIMETHYL-, 4-CARBOXY-3-HYDROXY-2,5-DIMETHYLPHENYL ESTER * DIFFRACTAIC ACID
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:962 mg/kg 85GDA2 5,335,81

VH3708900 gamma-RESORCYLIC ACID, 4-(HYDROXYMETHYL)-
UPDT:8406 MW: 184.16 MOLFM: C8-H8-O5
SYN: 2,6-DIHYDROXY-4-(HYDROXYMETHYL)BENZOIC ACID * 4-(HYDROXYMETHYL)-gamma-RESORCYLIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1200 mg/kg PMDCAY 5,59,67

RESORCYLIC ACID, 6-(10-HYDROXY-6-OXO-1-UNDECENYL)-, mu-LACTONE, trans- see: DM2550000

VH3709200 beta-RESORCYLIC ACID, 3-METHYL-
UPDT:8406 MW: 168.16 MOLFM: C8-H8-O4
SYN: 2,4-DIHYDROXY-3-METHYLBENZOIC ACID * 3-METHYL-beta-RESORCYLIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:780 mg/kg PMDCAY 5,59,67

VH3709500 beta-RESORCYLIC ACID, 5-METHYL-
UPDT:8406 MW: 168.16 MOLFM: C8-H8-O4
SYN: 2,4-DIHYDROXY-5-METHYLBENZOIC ACID * 5-METHYL-beta-RESORCYLIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:545 mg/kg PMDCAY 5,59,67

VH3709600 gamma-RESORCYLIC ACID, 4-METHYL-
UPDT:8403 CAS: 480-67-1 MW: 167.15 MOLFM: C8-H7-O4
SYN: BENZOIC ACID, 2,6-DIHYDROXY-4-METHYL- * 4-METHYL-2,6-DIHYDROXYBENZOIC ACID * p-OSELLINIC ACID
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:350 mg/kg YKKZAJ 89(10),1392,69

VH3709800 gamma-RESORCYLIC ACID, 4-(p-METHYLBENZYL)-
UPDT:8406 MW: 258.29 MOLFM: C15-H14-O4
SYN: 2,6-DIHYDROXY-4-(p-TOLYLMETHYL)BENZOIC ACID * 4-(p-METHYLBENZYL)-gamma-RESORCYLIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:45 mg/kg PMDCAY 5,59,67

RESOTROPIN see: MN4725000
RESOXOL see: WO9100000
RESPAIRE see: HA1660000
RESPENYL see: TY8400000
RESPERIN see: ZG0350000
RESPERINE see: ZG0350000
RESPIFRAL see: DO1750000
RESPIL see: TY8400000
RESPILENE see: TL9310000
RESPIRIDE see: RO0375000
RESPITAL see: ZG0350000
RESPRAMIN see: MO6300000

VH4170000 RES Q
DEF: A seed treatment consisting of a stable dry blend of MANEB, HEXACHLOROBENZENE and CAPTANwith or without insecticide (FMCHA2 -,C206,83)
UPDT:8309
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8000 mg/kg FMCHA2 -,C206,83

RESTAMIN see: KR6825000
RESTAMINE see: KR6825000
RESTENIL see: TZ0175000
RESTENYL see: TZ0175000
RESTINAL see: TZ0175000
RESTINIL see: TZ0175000
RESTIRAN see: AT6970000
REST-ON see: UT1400000
RESTORIL see: DF1225000
RESTOVAR see: RC8964500
RESTRAN see: ZG0350000
RESTROL see: SL0580000
RESTROPIN see: YM3675000
RESTRYL see: UT1400000
RESULFON see: WO8575000
RESYL see: TY8400000
RESYN 25-1014 see: AK0920000
RESYN 25-1025 see: AK0920000
RETABOLIL see: KG7967000
RETACEL see: BP5250000
Re 82-TAD-15 see: CI9000000
RETALON see: SL0580000
RETALON-ORAL see: SL0590000
RETAMID see: WP0400000

VH5373000 RETAMINE
UPDT:8406 CAS: 2122-29-4 MW: 250.43 MOLFM: C15-H26-N2-O
TOXICITY DATA AND REFERENCES:
2F23J22 scu-mus LD50:1185 mg/kg FATOAO 21(5),46,58
* ipr-cat LDLo:30 mg/kg FATOAO 21(5),46,58

RETANDROL see: XA3105000
RETAR-B(sub 1) see: LQ0750000
RETARD see: UR5950000
RETARDER AK see: TI3150000
RETARDER BA see: DG0875000
RETARDER ESEN see: TI3150000
RETARDER J see: JJ9800000
RETARDER PD see: TI3150000
RETARDER W see: VO0525000
RETARDEX see: DG0875000
RETARPEN see: XH9425000
RETASULFIN see: WP0400000
RETENS see: QI8925000
RETENSIN see: BS1100000
RETICULIN see: WK2250000
RETIN-A see: VH6475000
RETINAL (9CI) see: VH6407000

VH6407000 RETINAL, all-trans-
UPDT:8401 CAS: 116-31-4 MW: 284.48 MOLFM: C20-H28-O
SYN: AXEROPHTHAL * RETINAL (9CI) * all-E-RETINAL * all-trans-RETINAL * E-RETINAL * trans-RETINAL * RETINALDEHYDE * RETINENE * alpha-RETINENE * RETINENE 1 * VITAMIN A ALDEHYDE * trans-VITAMIN A ALDEHYDE * VITAMIN A1 ALDEHYDE
MUTATION DATA AND REFERENCES:
dni-rat:mmr 3 umol/L JJIND8 70,949,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

all-E-RETINAL see: VH6407000
all-trans-RETINAL see: VH6407000
E-RETINAL see: VH6407000
trans-RETINAL see: VH6407000
RETINALDEHYDE see: VH6407000

VH6411000 RETINAMIDE, N-ETHYL-, all-trans-
UPDT:8412 MW: 327.56 MOLFM: C22-H33-N-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-ham TDLo:163 mg/kg (8D preg) JJIND8 72,689,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RETINENE see: VH6407000
RETINENE 1 see: VH6407000
alpha-RETINENE see: VH6407000
RETINOIC ACID see: VH6475000

VH6440000 RETINOIC ACID, 13-cis-
UPDT:8408 CAS: 4759-48-2 MW: 300.48 MOLFM: C20-H28-O2
SYN: ISOTRETINOIN * NEOVITAMIN A ACID * 13-RA * 13-cis-RETINOIC ACID * RO-4-3780 * 13-cis-VITAMIN A ACID
MUTATION DATA AND REFERENCES:
sce-mus:emb 7100 nmol/L ANYAA9 359,237,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T41T43 orl-ham TDLo:25 mg/kg (8D preg) JJIND8 72,689,84
2T46T50 orl-ham TDLo:25 mg/kg (8D preg) JJIND8 72,689,84
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

13-cis-RETINOIC ACID see: VH6440000

VH6475000 RETINOIC ACID, all-trans-
UPDT:8412 CAS: 302-79-4 MW: 300.48 MOLFM: C20-H28-O2
SYN: ABEREL * 2,4,6,8-NONATETRANOIC ACID, 3,7-DIMETHYL-9-(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-yl)- * NSC-122758 * beta-RA * RETIN-A * RETINOIC ACID * beta-RETINOIC ACID * trans-RETINOIC ACID * all-trans-RETINOIC ACID * TRETINOIN * beta-all-trans-RETINOIC ACID * VITAMIN A ACID
IRRITATION DATA AND REFERENCES:
skn-hmn 525 mg/21D-I MLD AVSUAR 74,128,75
MUTATION DATA AND REFERENCES:
oms-hmn-skn 1000 ppm 26UYA8 -,335,71
dni-rat:mmr 3 umol/L JJIND8 70,949,83
dns-mus-skn 4 umol/kg CNREA8 43,5174,83
oms-mus:emb 10 umol/L CNREA8 42,4918,82
sce-mus:emb 7100 nmol/L ANYAA9 359,237,81
dni-ctl:lym 8 umol/L CRNGDP 3,409,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:1274 mg/kg (91D male) TXCYAC 30,115,84
1T85 orl-rat TDLo:225 mg/kg (9D preg) BEXBAN 68,1230,69
1T33 orl-rat TDLo:162 mg/kg (10D preg) TJADAB 7,135,73
3T25T34T41 orl-rat TDLo:120 mg/kg (9D preg) TJADAB 23,25,81
3T42T43T46 orl-rat TDLo:120 mg/kg (11D preg) TJADAB 23,25,81
3T25T43T46 ipr-rat TDLo:20 mg/kg (8D preg) TJADAB 28,209,83
1T76 unk-rat TDLo:15 mg/kg (11-13D preg) TJADAB 25(2),64A,82
1T85 unk-rat TDLo:12 mg/kg (14-16D preg) TJADAB 25(2),64A,82
3T43T46T53 orl-mus TDLo:15 mg/kg (8D preg) TJADAB 26,11,82
3T41T43T46 orl-mus TDLo:15 mg/kg (8D preg) ANESAV 54,505,81
1T34 orl-mus TDLo:80 mg/kg (11D preg) TJADAB 7,289,73
1T25 orl-mus TDLo:15 mg/kg (8D preg) ANESAV 54,505,81
1T39 orl-mus TDLo:100 mg/kg (10D preg) TCMUD8 1,181,80
1T25 ipr-mus TDLo:10 mg/kg (8D preg) TJADAB 28,123,83
1T41 ipr-mus TDLo:20 mg/kg (8D preg) TJADAB 28,123,83
2T43T46 unk-mus TDLo:20 mg/kg (11D preg) TJADAB 25(2),57A,82
1T25 unk-mus TDLo:80 mg/kg (11D preg) TJADAB 25(2),57A,82
1T34 unk-mus TDLo:40 mg/kg (11D preg) TJADAB 25(2),57A,82
2T42T43 orl-mky TDLo:188 mg/kg (20-44D preg) TJADAB 21,29,80
3T42T43T46 orl-mky TDLo:250 mg/kg (20-44D preg) TJADAB 22,87,80
1T53 orl-mky TDLo:250 mg/kg (20-44D preg) TJADAB 22,87,80
2T35T47 orl-ham TDLo:40 mg/kg (7D preg) TJADAB 21,193,80
3T42T43T46 orl-ham TDLo:12500 ug/kg (8D preg) JJIND8 72,689,84
1T33 orl-ham TDLo:60 mg/kg (8D preg) TJADAB 28,341,83
2T41T53 orl-ham TDLo:25 mg/kg (8D preg) JJIND8 72,689,84
TUMORIGENIC DATA AND REFERENCES:
3V02R04R60 skn-mus TDLo:8400 mg/kg/30W-I CALEDQ 7,85,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2000 mg/kg AVSUAR 74,29,75
3F07K12U01 orl-mus LD50:216 mg/kg VOONAW 25(12),84,79
ipr-mus LDLo:350 mg/kg AVSUAR 74,25,75

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BCSTB5 2(4),695,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

all-trans-RETINOIC ACID see: VH6475000
beta-RETINOIC ACID see: VH6475000
beta-all-trans-RETINOIC ACID see: VH6475000
trans-RETINOIC ACID see: VH6475000
RETINOL see: VH6750000

VH6750000 RETINOL, all trans-
UPDT 8412 CAS: 68-26-8 MW: 286.50 MOLFM: C20-H30-O
SYN: ACON * AFAXIN * AGIOLAN * ALPHALIN * ALPHASTEROL * ANATOLA * ANATOLA A * ANTI-INFECTIVE VITAMIN * ANTIXEROPHTHALMIC VITAMIN * AORAL * APEXOL * AQUASYNTH * ATARS * ATAV * AVIBON * AVITA * AVITOL * AXEROPHTHOL * BIOSTEROL * CHOCOLA A * 3,7-DIMETHYL-9-(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)-2,4,6,8-NONATETRAEN-1-OL * DISATABS TABS * DOFSOL * EPITELIOL * HI-A-VITA * LARD FACTOR * MYVPACK * 2,4,6,8-NONATETRAEN-1-OL, 3,7-DIMETHYL-9-(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)-, (all-E)- * OLEOVITAMIN A * OPHTHALAMIN * PREPALIN * RETINOL * all-trans RETINOL * RETROVITAMIN A * TESTAVOL * VAFLOL * VAFOL * VI-ALPHA * VITAMIN A * VITAMIN A1 * VITAMIN A ALCOHOL * VITAMIN A1 ALCOHOL * all-trans-VITAMIN A ALCOHOL * VITAVEL-A * VITPEX * VOGAN * VOGAN-NEU

MUTATION DATA AND REFERENCES:

	dni-rat:mmr 3 umol/L	JJIND8 70,949,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T53	orl-wmn TDLo:68 mg/kg (1-39W preg)	OBGNAS 43,750,74
2T81T85	orl-rat TDLo:76560 ug/kg (8-10D preg)	NTOTDY 3,1,81
1T46	orl-rat TDLo:113 mg/kg (10D preg)	PEDIAU 13,556,54
2T41T43	orl-rat TDLo:150 mg/kg (7-10D preg)	PEDIAU 13,556,54
3T25T29T35	orl-rat TDLo:683 mg/kg (4-16D preg)	PEDIAU 13,556,54
2T76T81	orl-rat TDLo:22 mg/kg (1-22D preg)	AMPLAO 66,278,58
2T25T31	orl-rat TDLo:240 mg/kg (9D preg)	BJEPA5 57,525,76
2T46T59	ipr-rat TDLo:60060 ug/kg (10D preg)	SEIJBO 13,25,73
1T42	ipr-rat TDLo:60 mg/kg (10D preg)	TJADAB 30(1),13A,84
1T43	par-rat TDLo:150 mg/kg (10D preg)	JDREAF 52,300,73
1T81	unk-rat TDLo:72 mg/kg (11-13D preg)	TJADAB 15,19A,77
2T46T59	unk-rat TDLo:150 mg/kg (9D preg)	JACTDZ 2,325,83
1T44	orl-mus TDLo:30 mg/kg (3D preg)	AOBIAR 18,729,73
1T43	orl-mus TDLo:120 mg/kg (12D preg)	DKBSAS 169,476,66
3T72T75T81	orl-mus TDLo:9610 mg/kg (8-12D preg)	JTEHD6 10,541,82
1T44	orl-mus TDLo:30 mg/kg (1D post)	32XPAD -,83,75
1T42	ipr-mus TDLo:45045 ug/kg (8D preg)	TJADAB 24(1),29A,81
3T25T26T34	ipr-mus TDLo:145 mg/kg (8D preg)	AEHLAU 10,732,65
3T41T42T43	ipr-mus TDLo:145 mg/kg (9D preg)	AEHLAU 10,732,65
2T35T46	ipr-mus TDLo:145 mg/kg (10D preg)	AEHLAU 10,732,65
2T45T50	ipr-mus TDLo:180 mg/kg (10D preg)	ARINAU 14,53,66
2T43T46	scu-mus TDLo:96 mg/kg (11-14D preg)	PJACAW 41,83,65
1T35	scu-mus TDLo:480 mg/kg (11-14D preg)	PJACAW 41,83,65
2T41T46	ivn-mus TDLo:12 mg/kg (8D preg)	TOIZAG 8,175,61
2T43T46	ims-mus TDLo:480 mg/kg (10-13D preg)	JEEMAF 12,263,64
3T34T43T46	orl-rbt TDLo:45 mg/kg (12D preg)	IYKEDH 12,581,81
1T25	ipr-mam TDLo:52550 ug/kg (9-15D preg)	TJADAB 24(1),12A,81

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2000 mg/kg	AVSUAR 74,29,75
*	orl-mus LD50:4000 mg/kg	AVSUAR 74,29,75

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLPTAT 5,480,64; ARVPAX 5,447,65; EVHPAZ 15,121,76; CRTXB2 6,351,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

all-trans RETINOL see: VH6750000

VH6825000 RETINOL, ACETATE
UPDT 8408 CAS: 127-47-9 MW: 328.54 MOLFM: C22-H32-O2
SYN: CRYSTALETS * MYVAK * MYVAX * RETINYL ACETATE * all-trans-RETINYL ACETATE * VITAMIN A ACETATE * trans-VITAMIN A ACETATE * VITAMIN A ALCOHOL ACETATE

MUTATION DATA AND REFERENCES:

	dni-rat:mmr 3 umol/L	JJIND8 70,949,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T72T75T81	orl-rat TDLo:480 mg/kg (6-19D preg)	TOXID9 4,84,84
1T02	orl-rat TDLo:2697 mg/kg (91D male)	IYKEDH 12,1064,81
1T39	orl-rat TDLo:310 mg/kg (10-12D preg)	TJADAB 1,299,68
1T49	orl-rat TDLo:1377 mg/kg (15-19D preg)	TJADAB 21,58A,80
1T71	orl-rat TDLo:1377 mg/kg (15-19D preg)	TJADAB 17,39A,78
1T33	orl-rat TDLo:826 mg/kg (12-15D preg)	TJADAB 18,277,78
1T75	orl-rat TDLo:1205 mg/kg (6-19D preg)	TJADAB 27,59A,83
3T41T42T43	orl-rat TDLo:310 mg/kg (9-11D preg)	JEEMAF 14,223,65

TOXICITY DATA AND REFERENCES:

*	orl-mus LDLo:1000 mg/kg	APMIAL 70,398,67

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VH6830000 RETINOL, 5,6-EPOXY-5,6-DIHYDRO-
UPDT 8305 CAS: 512-39-0 MW: 302.50 MOLFM: C20-H30-O2
SYN: 574-CHROMOGEN * HEPAXANTHIN * 5,6-MONOEPOXYRETINAL * 5,6-MONOEPOXYVITAMIN A * VITAMIN A EPOXIDE * VITAMIN A 5,6-EPOXIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-rat TDLo:10500 ug/kg (84D pre)	IJEBA6 5,85,67

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RETINOL PALMITATE see: VH6860000

VH6860000 RETINOL, all-trans-, PALMITATE
UPDT 8412 CAS: 79-81-2 MW: 524.96 MOLFM: C36-H60-O2
SYN: AQUASOL A * AROVIT * RETINOL PALMITATE * RETINYL PALMITATE * VITAMIN A PALMITATE

MUTATION DATA AND REFERENCES:

	sce-hmn:fbr 27500 ug/L	MUREAV 58,317,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T12T29	orl-rat TDLo:13750 ug/kg (35W pre)	JRPFA4 50,223,77
1T02	orl-rat TDLo:36 mg/kg (26D male)	ARPAAQ 56,333,53
1T41	orl-rat TDLo:248 mg/kg (8D preg)	JPETAB 144,429,64
1T85	orl-rat TDLo:16500 ug/kg (8-10D preg)	TJADAB 10,269,74
2T25T35	orl-rat TDLo:206 mg/kg (8D preg)	JPETAB 144,429,64
3T41T42T43	orl-rat TDLo:275 mg/kg (8D preg)	JAINAA 23,89,74
2T25T31	orl-rat TDLo:440 mg/kg (9D preg)	BJEPA5 57,525,76
1T13	orl-rat TDLo:138 mg/kg (16D pre)	JRPFA4 50,223,77
1T35	ipr-rat TDLo:275 mg/kg (11D preg)	IDZAAW 41,141,66
1T46	ipr-rat TDLo:82500 ug/kg (10D preg)	ACATA5 109,89,81
2T33T43	ipr-rat TDLo:413 mg/kg (10D preg)	ANANAU 152,329,82
3T25T34T41	scu-rat TDLo:275 mg/kg (7D preg)	JEEMAF 30,219,73
2T42T43	scu-rat TDLo:275 mg/kg (8D preg)	JEEMAF 30,219,73
1T46	scu-rat TDLo:275 mg/kg (12D preg)	JEEMAF 30,219,73
1T85	unk-rat TDLo:660 mg/kg (8-10D preg)	TJADAB 21,25A,80
1T43	orl-mus TDLo:262 mg/kg (11D preg)	TJADAB 23,115,81
3T47T50T53	orl-mus TDLo:1321 mg/kg (8-13D preg)	ANREAK 136,219,68
1T35	ipr-mus TDLo:330 mg/kg (8D preg)	IDZAAW 41,141,66
1T46	ipr-mus TDLo:28 mg/kg (10D preg)	IDZAAW 41,141,66
2T34T43	ipr-mus TDLo:220 mg/kg (10D preg)	TJADAB 9,191,74
3T35T43T46	ipr-mus TDLo:330 mg/kg (10D preg)	SEIJBO 14,13,74
1T35	ipr-rbt TDLo:28 mg/kg (10D preg)	IDZAAW 41,141,66
1T46	ipr-rbt TDLo:110 mg/kg (10D preg)	IDZAAW 41,141,66
2T42T43	ipr-mam TDLo:2750 ug/kg (9D preg)	TJADAB 28,37A,83
1T46	ipr-mam TDLo:2750 ug/kg (13D preg)	TJADAB 28,37A,83

TOXICITY DATA AND REFERENCES:

3F07K12U01	orl-mus LD50:4760 mg/kg	VCONAW 25(12),84,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RETINYL ACETATE see: VH6825000
all-trans-RETINYL ACETATE see: VH6825000
RETINYL PALMITATE see: VH6860000
RETOZIDE see: NS1750000
RETRANGOR see: OB1835000
RETRO-6-DEHYDROPROGESTERONE see: TU3671000
RETRONE see: TU3671000
cis-RETRONECIC ACID ESTER of RETRONECINE see: VH7525000
cis-RETRONECIC ACID ESTER of RETRONECINE-N-OXIDE see: VH7700000

VH7175000 RETRONECINE
UPDT 8403 CAS: 480-[illegible]-3 MW: 155.22 MOLFM: C8-H13-N-O2
SYN: 1H-PYRROLIZINE-7-METHANOL, 2,3,5,7a-beta-TETRAHYDRO-1-alpha-HYDROXY- * 2,3,5,7a-TETRAHYDRO-1-HYDROXY-1H-PYRROLIZINE-7-METHANOL

TOXICITY DATA AND REFERENCES:

	ivn-rat LD50:1311 mg/kg	RETOAE 5,53,49
	ivn-mus LD50:634 mg/kg	JPETAB 75,78,42

VH7260000 RETRONECINE, 3,8-DIDEHYDRO-
UPDT 8405 CAS: 23107-12-2 MW: 153.20 MOLFM: C8-H11-N-O2
SYN: DEHYDRORETRONECINE * 1H-PYRROLIZINE-7-METHANOL, 2,3-DIHYDRO-1-HYDROXY-, (R)-

MUTATION DATA AND REFERENCES:

	dni-rat-lvr 100 umol/L	CBINA8 30,325,80
	oms-rat-lvr 20 umol/L	CBINA8 30,325,80
	ctr-ham:kdy 250 ug/L	CRNGDP 1,161,80

TUMORIGENIC DATA AND REFERENCES:

2V02V10	scu-rat TDLo:350 mg/kg/1Y-I	JNCIAM 56,787,76
3V01R60V10	skn-mus TDLo:120 mg/kg/28W-I	JJIND8 61,85,78
3V01R60V10	scu-mus TDLo:80 mg/kg/4W-I	JJIND8 61,85,78
3V01J60R60	skn-mus TD :1438 mg/kg/47W-I	CALEDQ 17,61,82

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:122 mg/kg	CBINA8 12,299,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTRRDO 60,1171,76
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 10,333,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VH7350000 RETRONECINE HYDROCHLORIDE
UPDT 8401 CAS: 875-22-9 MW: 191.68 MOLFM: C8-H13-N-O2 Cl-H

TUMORIGENIC DATA AND REFERENCES:

2V03B60	scu-rat TDLo:600 mg/kg	JNCIAM 49,665,72

TOXICITY DATA AND REFERENCES:

	ipr-rat LDLo:600 mg/kg	NATUAS 185,842,60
	scu-rat LDLo:1000 mg/kg	JNCIAM 49,665,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTRRDO 60,1171,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

delta(sup 6)-RETROPROGESTERONE see: TU3671000

VH7525000 RETRORSINE
UPDT 8402 CAS: 480-54-6 MW: 351.44 MOLFM: C18-H25-N-O6
SYN: 12,18-DIHYDROXY-SENECIONAN-11,16-DIONE * beta-LONGILOBINE * cis-RETRONECIC ACID ESTER of RETRONECINE * SENECIONAN-11,16-DIONE, 12,18-DIHYDROXY-

MUTATION DATA AND REFERENCES:

	sln-dmg-par 10 mmol/L	JOGNAU 59,273,66
	otr-ham:kdy 25 ug/L	CRNGDP 1,161,80

TUMORIGENIC DATA AND REFERENCES:

2V02L60	orl-rat TDLo:560 mg/kg/62W-I	BJCAAI 8,458,54
2V03L60	ipr-rat TDLo:150 mg/kg/22W-I	BJCAAI 11,535,57
3V03L60M61	orl-rat TD :68 mg/kg/43W-I	JNCIAM 47,1037,71

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:30 mg/kg	J [illegible] 4A7 73,471,59
	ipr-rat LD50:34 mg/kg	CBINA8 5,227,72
	ivn-rat LD50:38 mg/kg	RETOAE 5,53,49
	unk-rat LD50:35 mg/kg	CNREA8 28,2237,68
	ivn-mus LD50:59 mg/kg	RETOAE 5,53,49
3L02L30P07	orl-mky LD50:46 mg/kg	BJEPA5 51,183,70
	orl-mam LDLo:33 mg/kg	PAREAQ 22,429,70

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTRRDO 60,1171,76
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 10,303,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VH7700000 RETRORSINE-N-OXIDE
UPDT 8401 CAS: 15503-86-3 MW: 367.44 MOLFM: C18-H25-N-O7
SYN: ISATIDINE * cis-RETRONECIC ACID ESTER of RETRONECINE-N-OXIDE

MUTATION DATA AND REFERENCES:

	sln-dmg-par 10 mmol/L	JOGNAU 59,273,66

TUMORIGENIC DATA AND REFERENCES:

2V02L60	orl-rat TDLo:540 mg/kg/60W-I	BJCAAI 8,458,54
2V03L60	mul-rat TDLo:440 mg/kg/64W-I	BJCAAI 8,458,54

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:48 mg/kg	CBINA8 5,227,72
	ipr-rat LD50:250 mg/kg	CBINA8 5,227,72
	ivn-mus LD50:835 mg/kg	JPETAB 75,83,42

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTRRDO 60,1171,76
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 10,269,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RETROSTERONE see: BV8396600 9-beta,10-alpha-ANDROST-4-EN-3-ONE, 17-beta-HYDROXY-

RETROTESTOSTERONE see: BV8396600 9-beta,10-alpha-ANDROST-4-EN-3-ONE, 17-beta-HYDROXY-
RETROVITAMIN A see: VH6750000
REUDO see: UQ8225000
REUDOX see: UQ8225000
REUFENAC see: AF2100000
REULATT S.S. see: LZ8930000
REUMACHLOR see: VB2360000
REUMACIDE see: NL3500000
REUMAQUIN see: VB2360000
REUMARTRIL see: OD3900000
REUMASYL see: UQ8225000
REUMATOX see: UQ8420000
REUMAZIN see: UQ8225000
REUMAZOL see: UQ8225000
REUMOFENE see: MU6645000 HYDRATROPIC ACID, p-(1-OXO-2-ISOINDOLINYL)-
REUMOX see: UQ8400000
REUMUNE see: UQ8225000
REUMUZOL see: UQ8225000
REUNS EXTRACT (Indian) see: GN2185000
REUPOLAR see: UQ8225000
REVAC see: WN0525000
REVACRYL A 191 see: AT4680000
REVELOX-WIRKSTOFF see: ZG0175000
REVENGE see: UF0690000
REVIDEX see: SI1400000
REVONAL see: VA3850000
REWOMID DLMS see: JR1925000
REWOMID DL 203/S see: JR1925000
REWOPOL HV-9 see: MD0905000
REWOPOL NL 2 see: WB7350000
REWOPOL NLS 30 see: WT1050000
REWOPOL TLS 40 see: WT1003000
REWOPON AM-2C see: BU7614000
REXALL 413S see: UD1842000
REXAN see: XJ1050000
REXENE see: UD1842000
REXENE see: AH4900000
REXENE see: AT6970000
REXENE 106 see: AT6978000
REXIGEN see: SH0683700
REXOCAINE see: DG4725000
REXOLITE 1422 see: WL6475000
REX REGULANS see: TZ1225000
REZERPIN see: ZG0350000
REZIFILM see: JO1400000
REZIPAS see: VO1225000
RF 10 see: QW0970000
RF 46-790 see: VA3401000
RFCNU see: YS5079000
RF M-14 see: AB7525000
RFMA see: QU5900000
RG-4 see: CV4911500 BENZAMIDE, 2-ETHOXY-N-(p-METHYLBENZYL)-
RG-7 see: CV4913000 BENZAMIDE, 2-ETHOXY-N-(1-PHENYLBUTYL)-
RG 235 see: WM4220000
RG 270 see: SA3678000
RG 371 see: MA3085000
RG 376 see: WM4210000
R-GAS-G see: CD2996100
RGH-1106 see: TM3170000
RGH-3332 see: DC8525000
RGH-4405 see: JW4792000
RH see: VI9355000
Rh-110 see: AJ3880000
RH-124 see: XZ4150000
RH-218 see: TG1380000
RH 315 see: CV3460000
R 445 H see: CD2996200
RH-787 see: YT9690000
RH-2161 see: MP4380000
RH-2915 see: KN6900000
RH-8218 see: TG1380000
RHABARBERONE see: CB6712200
RHABDOPHIS SUBMINIATUS VENOM see: YX4460000
RHAMNOL see: WJ2600000
RHAMNOLUTEIN see: LK9275200
RHAMNOLUTIN see: LK9275200
RHAMNOPYRANOSIDE, SCILLARENIN-3, alpha-L- see: UK6650000
RHAMNOSIDE, STROPHANTHIDIN-3, alpha-L- see: GL4025000
3-beta-RHAMNOSIDO-14-beta-HYDROXY-delta(sup 4,20,22)-BUFATRIENOLIDE see: UK6650000

VI0580000 RHAMNUS VIRIGATUS Roxb., extract excluding roots
DEF:Indian plant belonging to the family RHAMNACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: KANJI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 11,43,73

VI0582000 RHAMNUS WIGHTII W. & A., extract excluding roots
DEF:Indian plant belonging to the family RHAMNACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

VI0590000 RHAPHIDOPHORA LANCIFOLIA Schott., extract excluding roots
DEF:Indian plant belonging to the family ARACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

VI0600000 RHATHANI
DEF:Aqueous extract from the root of the plant (JNCIAM 52,1579,74)
UPDT:8401
SYN: KRAMERIA TRIANDRA
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:1058 mg/kg/49W-I JNCIAM 52,1579,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VI0875000 RHENIUM TRICHLORIDE
UPDT:8407 CAS: 13569-63-6 MW: 292.55 MOLFM: Cl3-Re
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:280 mg/kg JPMSAE 57,321,68
ivn-cat LDLo:20 mg/kg JPMSAE 57,321,68
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RHENOCURE CA see: FE1225000
RHEOCHRYSIDIN see: CB6720000
RHEONINE B see: BP3675000
RHEOPYRINE see: UQ8290000
RHEOSMIN see: EL8925000
RHEUMATOL see: OO0625000
RHEUM EMODIN see: CB7920600
RHEUMIN TABLETTEN see: VO0700000
RHEUMON see: CB4400000
RHEUMON GEL see: CB4400000
RHEUMOX see: UQ9835000

VI1075000 RHEUM RHUBARBARUM L., extract
UPDT:8412
MUTATION DATA AND REFERENCES:
mma-sat 132 mg/plate JAFCAU 31,1020,83

RHEX "HOBEINO" see: TZ1225000
RHEX REGULANS see: TZ1225000
RHINALATOR see: SI1750000
RHINALL see: DO7525000
RHINANTIN see: NJ4375000
RHINASPRAY see: NI3200000
RHINETTEN see: EV6566000 CAFFEINE, 8-((2-HYDROXYETHYL)METHYLAMINO)-
RHINOGUTT see: NI3200000
RHINOPERD see: NJ4375000
RHINOPTIL see: EV6566000 CAFFEINE, 8-((2-HYDROXYETHYL)METHYLAMINO)-
RHINOSPRAY see: NI3200000

VI1615000 RHIPSALIS CASSUTHA Gaertn., leaf and stem extract
DEF:Jamaican plant belonging to the family CACTACEAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:40 gm/kg JPPMAB 14,556,62

RHIZOCTOL see: CH7000000

VI1745000 RHIZOPHORA MUCRONATA Lamk., extract excluding roots
DEF:Indian plant belonging to the family RHIZOPHORACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2H30N22 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

RHIZOPIN see: NL3150000
RHOCYA see: XL1925000
RHODACRYST see: GG3750000
RHODALLIN see: YR8050000
RHODALLINE see: YR8050000
RHODAMINE see: BP3675000
RHODAMINE B see: BP3675000
RHODAMINE B500 see: BP3675000
RHODAMINE B 20-7470 see: BP3675000
RHODAMINE BA see: BP3675000
RHODAMINE BA EXPORT see: BP3675000
RHODAMINE B CHLORIDE see: BP3675000
RHODAMINE B EXTRA see: BP3675000
RHODAMINE B EXTRA M 310 see: BP3675000
RHODAMINE B EXTRA S see: BP3675000
RHODAMINE BF see: BP3675000
RHODAMINE B500 HYDROCHLORIDE see: BP3675000
RHODAMINE BL see: BP3675000
RHODAMINE, BLUE SHADE see: BP3675000
RHODAMINE BN see: BP3675000
RHODAMINE BS see: BP3675000
RHODAMINE BX see: BP3675000
RHODAMINE BXL see: BP3675000
RHODAMINE BXP see: BP3675000
RHODAMINE 6GDN EXTRA see: DH0175000
RHODAMINE FB see: BP3675000
RHODAMINE FB CI see: BP3675000
RHODAMINE F4G see: DH0175000
RHODAMINE F5G see: DH0175000
RHODAMINE F5G CHLORIDE see: DH0175000
RHODAMINE 6G see: DH0175000
RHODAMINE 6GB see: DH0175000
RHODAMINE 6G (BIOLOGICAL STAIN) see: DH0175000
RHODAMINE 6GBN see: DH0175000
RHODAMINE 6GCP see: DH0175000
RHODAMINE 4GD see: DH0175000
RHODAMINE 6GD see: DH0175000
RHODAMINE GDN see: DH0175000
RHODAMINE 5GDN see: DH0175000
RHODAMINE 6 GDN see: DH0175000
RHODAMINE 6 GDN EXTRA see: DH0175000
RHODAMINE 6GEX ETHYL ESTER see: DH0175000
RHODAMINE 6G EXTRA see: DH0175000
RHODAMINE 6G EXTRA BASE see: DH0175000
RHODAMINE 4GH see: DH0175000
RHODAMINE 6GH see: DH0175000
RHODAMINE 5GL see: DH0175000
RHODAMINE 6G LAKE see: DH0175000
RHODAMINE 6GX see: DH0175000
RHODAMINE 6JH see: DH0175000
RHODAMINE 7JH see: DH0175000
RHODAMINE LAKE RED B see: BP3675000
RHODAMINE LAKE RED 6G see: DH0175000
RHODAMINE O see: BP3675000
RHODAMINE S (Russian) see: BP3675000
RHODAMINE, TETRAETHYL- see: BP3675000
RHODAMINE WT see: KM2737000
RHODAMINE Y 20-7425 see: DH0175000
RHODAMINE ZH see: DH0175000
RHODAMINE 6ZH see: DH0175000
RHODAN see: XK7700000
p-RHODANANILINE see: XK7700000
RHODANIC ACID see: VI7700000
RHODANID see: XK7875000
RHODANIDE see: XK7875000
RHODANIDE see: XL1925000
RHODANIN (Czech) see: VI7700000

VI7700000 RHODANINE
UPDT:8406 CAS: 141-84-4 MW: 133.19 MOLFM: C3-H3-N-O-S2
SYN: 4-OXO-2-THIONOTHIAZOLIDINE * 4-OXO-2-THIOTHIAZOLIDIN (Czech) * RHODANIC ACID * RHODANIN (Czech) * RHODANINIC ACID * 2,4-THIAZOLIDINEDIONE, 2-THIO- * 4-THIAZOLIDINONE, 2-THIOXO- * 2-THIO-4-KETOTHIAZOLIDINE * 2-THIOXO-4-THIAZOLIDINONE * USAF HA-2
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,202,72

eye-rbt 750 ug/24H SEV 28ZPAK -,202,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:326 mg/kg 28ZPAK -,202,72
ipr-mus LD50:200 mg/kg NTIS** AD277-689
scu-mus LDLo:200 mg/kg AIPTAK 12,447,04
* ivn-mus LD50:32 mg/kg CSLNX* NX#04798
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VI7830000 RHODANINE, 5-BENZYLIDENE-
UPDT:8302 CAS: 3806-42-6 MW: 221.30 MOLFM: C10-H7-N-O-S2
SYN: 5-BENZYLIDENERHODANINE * 5-BENZYLIDENE-2-THIOXO-4-THIAZOLIDINONE * 5-(PHENYLMETHYLENE)-2-THIOXO-4-THIAZOLIDINONE * 4-THIAZOLIDINONE, 5-(PHENYLMETHYLENE)-2-THIOXO- (9CI)
TOXICITY DATA AND REFERENCES:
3F11F18J30 ipr-mus LD50:60 mg/kg AIPTAK 124,159,60

RHODANINIC ACID see: VI7700000
RHODIA see: AG6825000
RHODIA-6200 see: TF0325000
RHODIACHLOR see: PC0700000
RHODIACID see: ZH0325000
RHODIACIDE see: TE4550000
RHODIACUIVRE see: GL7020000
RHODIANEBE see: OP0700000
RHODIA RP-11783 see: TE2000000
RHODIA RP-11807 see: TE1840000
RHODIA RP 11974 see: TD5175000
RHODIA RP-13072 see: TE1500000
RHODIA RP-13378 see: TE1450000
RHODIASOL see: TF4550000
RHODIATOX see: TF4550000
RHODIATROX see: TF4550000
RHODINE see: VO0700000
RHODINOL see: RH3400000
RHODINOL ACETATE see: RH3425000
RHODINYL ACETATE see: RH3425000
RHODINYL BUTYRATE see: RH3430000
RHODINYL PROPIONATE see: RH3490000
RHODIUM(II) ACETATE see: AJ3880000

VI9080000 RHODIUM(1+), BIS(2,2'-BIPYRIDINE)DICHLORO-, CHLORIDE, (Z)-
UPDT:8109 CAS: 19542-80-4 MW: 521.66 MOLFM: C20-H16-Cl2-N4-Rh Cl
SYN: cis-BIS(2,2'-BIPYRIDINE)DICHLORORHODIUM CHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 88,165,81
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Rh)/m3 DTLVS* 4,356,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Rh)/m3 (SCP-M) FEREAC 39,23540,74

RHODIUM(II) BUTYRATE see: ET6380000
RHODIUM CHLORIDE see: VI9275000
RHODIUM CHLORIDE see: VI9290000

VI9275000 RHODIUM(III) CHLORIDE (1:3)
UPDT:8401 CAS: 10049-07-7 MW: 209.26 MOLFM: Cl3-Rh
SYN: RHODIUM CHLORIDE * RHODIUM TRICHLORIDE
MUTATION DATA AND REFERENCES:
mrc-bcs 5 mmol/L MUREAV 77,109,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 itt-rat TDLo:16741 ug/kg (1D male) JRPFA4 7,21,64
TUMORIGENIC DATA AND REFERENCES:
3V01J60P61 orl-mus TDLo:940 mg/kg/66W-C JONUAI 101,1431,71
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6220 ug/kg GTPZAB 23(9),4,79
ipr-rat LD50:280 mg/kg EQSSDX 1,1,75
ivn-rat LD50:198 mg/kg TXAPA9 21,589,72
ivn-rbt LD50:215 mg/kg TXAPA9 21,589,72
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Rh)/m3 DTLVS* 4,356,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 ug(Rh)/m3 (SCP-M) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VI9290000 RHODIUM CHLORIDE, TRIHYDRATE
UPDT:8109 CAS: 13569-65-8 MW: 263.32 MOLFM: Cl3-Rh 3H2-O
SYN: RHODIUM CHLORIDE * RHODIUM TRICHLORIDE TRIHYDRATE
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 88,165,81
mmo-esc 10 mg/L MUREAV 77,109,80
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Rh)/m3 DTLVS* 4,356,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 ug(Rh)/m3 (SCP-M) FEREAC 39,23540,74

VI9292000 RHODIUM, (1,5-CYCLOOCTADIENE)(2,4-PENTANEDIONATO)-
UPDT:8412 MW: 311.24 MOLFM: C13-H20-O2-Rh
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:34 mg/kg CBINA8 45,1,83

RHODIUM DIACETATE see: AJ3880000

VI9300000 RHODIUM(1+), DIBROMOTETRAKIS(PYRIDINE)-, BROMIDE
UPDT:8109 MW: 659.08 MOLFM: C20-H20-Br2-N4-Rh Br
SYN: DIBROMOTETRAKIS(PYRIDINE)RHODIUM BROMIDE
MUTATION DATA AND REFERENCES:
mmo-sat 20 nmol/plate MUREAV 88,165,81
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Rh)/m3 DTLVS* 4,356,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Rh)/m3 (SCP-M) FEREAC 39,23540,74

VI9302000 RHODIUM(1+), DIBROMOTETRAKIS(PYRIDINE)-, BROMIDE, (E)-
UPDT:8109 CAS: 14267-74-4 MW: 659.08 MOLFM: C20-H20-Br2-N4-Rh Br
SYN: trans-DIBROMOTETRAKIS(PYRIDINE)RHODIUM BROMIDE
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 88,165,81
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Rh)/m3 DTLVS* 4,356,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Rh)/m3 (SCP-M) FEREAC 39,23540,74

RHODIUM DIBUTYRATE see: ET6380000

VI9305000 RHODIUM(1+), DICHLOROBIS(1,10-PHENANTHROLINE)-, CHLORIDE, (Z)-
UPDT:8109 CAS: 14127-77-6 MW: 569.70 MOLFM: C24-H16-Cl2-N4-Rh Cl
SYN: cis-DICHLOROBIS(1,10-PHENANTHROLINE)RHODIUM CHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 88,165,81
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Rh)/m3 DTLVS* 4,356,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Rh)/m3 (SCP-M) FEREAC 39,23540,74

VI9307000 RHODIUM(1+), DICHLOROTETRAKIS(3-PICOLINE)-, CHLORIDE
UPDT:8109 MW: 581.82 MOLFM: C24-H28-Cl2-N4-Rh Cl
SYN: DICHLOROTETRAKIS(3-PICOLINE)RHODIUM(1+) CHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 200 nmol/plate MUREAV 88,165,81
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Rh)/m3 DTLVS* 4,356,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Rh)/m3 (SCP-M) FEREAC 39,23540,74

VI9308000 RHODIUM(1+), DICHLOROTETRAKIS(3-PICOLINE)-, CHLORIDE, (E)-
UPDT:8109 CAS: 22933-76-2 MW: 581.82 MOLFM: C24-H28-Cl2-N4-Rh Cl
SYN: trans-DICHLOROTETRAKIS(3-PICOLINE)RHODIUM CHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 88,165,81
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Rh)/m3 DTLVS* 4,356,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Rh)/m3 (SCP-M) FEREAC 39,23540,74

VI9309000 RHODIUM(1+), DICHLOROTETRAKIS(PYRIDINE)-, CHLORIDE
UPDT:8109 MW: 525.70 MOLFM: C20-H20-Cl2-N4-Rh Cl
SYN: DICHLOROTETRAKIS(PYRIDINE)RHODIUM(1+) CHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 50 nmol/plate MUREAV 88,165,81
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Rh)/m3 DTLVS* 4,356,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Rh)/m3 (SCP-M) FEREAC 39,23540,74

VI9310000 RHODIUM(1+), DICHLOROTETRAKIS(PYRIDINE)-, CHLORIDE, (E)-
UPDT:8109 CAS: 14077-30-6 MW: 525.70 MOLFM: C20-H20-Cl2-N4-Rh Cl
SYN: trans-DICHLOROTETRAKIS(PYRIDINE)RHODIUM CHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 88,165,81
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Rh)/m3 DTLVS* 4,356,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Rh)/m3 (SCP-M) FEREAC 39,23540,74

VI9313000 RHODIUM(1+), DICHLORO(TRIETHYLENETETRAMINE)-, CHLORIDE, (Z)-
UPDT:8109 CAS: 14883-62-6 MW: 355.54 MOLFM: C6-H18-Cl2-N4-Rh Cl
SYN: cis-DICHLORO(TRIETHYLENETETRAMINE)RHODIUM(1+) CHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 88,165,81
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Rh)/m3 DTLVS* 4,356,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Rh)/m3 (SCP-M) FEREAC 39,23540,74

RHODIUM DIPROPIONATE see: UF7370000

VI9355000 RHODIUM (METAL FUME AND DUSTS)
UPDT:8404 CAS: 7440-16-6 MW: 102.91 MOLFM: Rh
SYN: RH
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg/m3 DTLWS* 4,356,82
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Rh)/m3 (SCP-M) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S188
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

RHODIUM(II) PROPIONATE see: UF7370000

VI9360000 RHODIUM(1+), TETRAAMMINEDICHLORO-, CHLORIDE
UPDT:8109 CAS: 21288-85-7 MW: 277.42 MOLFM: Cl2-H12-N4-Rh Cl
SYN: TETRAAMMINEDICHLORORHODIUM CHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 88,165,81
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Rh)/m3 DTLVS* 4,356,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Rh)/m3 (SCP-M) FEREAC 39,23540,74

VI9365000 RHODIUM (III), TRIAMMINETRICHLORO-, cis-
UPDT:7901 CAS: 26566-80-3 MW: 260.38 MOLFM: Cl3-H9-N3-Rh
SYN: cis-TRIAMMINETRICHLORORHODIUM (III)
TOXICITY DATA AND REFERENCES:
unk-mus LD50:225 mg/kg RRCRBU 48,113,74
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Rh)/m3 DTLVS* 4,356,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 ug(Rh)/m3 (SCP-M) FEREAC 39,23540,74

VI9370000 RHODIUM (III), TRIAMMINETRINITRATATO-
UPDT:7901 CAS: 41762-18-9 MW: 340.06 MOLFM: H9-N6-O9-Rh
SYN: TRIAMMINETRINITRATATORHODIUM (III)
TOXICITY DATA AND REFERENCES:
unk-mus LD50:135 mg/kg RRCRBU 48,12,74
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Rh)/m3 DTLVS* 4,356,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 ug(Rh)/m3 (SCP-M) FEREAC 39,23540,74

VI9400000 RHODIUM, TRIAQUATRICHLORO-
UPDT:8109 CAS: 13876-89-6 MW: 263.33 MOLFM: Cl3-H6-O3-Rh
SYN: TRIAQUATRICHLORORHODIUM
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate MUREAV 88,165,81
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Rh)/m3 DTLVS* 4,356,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 ug(Rh)/m3 (SCP-M) FEREAC 39,23540,74

RHODIUM TRICHLORIDE see: VI9275000
RHODIUM TRICHLORIDE TRIHYDRATE see: VI9290000

VI9452500 RHODIUM, TRIS(ACETONITRILE)TRICHLORO-
UPDT:8109 MW: 332.44 MOLFM: C6-H9-Cl3-N3-Rh
SYN: TRIS(ACETONITRILE)TRICHLORORHODIUM
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/plate MUREAV 88,165,81
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Rh)/m3 DTLVS* 4,356,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 ug(Rh)/m3 (SCP-M) FEREAC 39,23540,74

RHODOCIDE see: TE4550000

VI9455000 RHODOCIDIN
UPDT:8308 CAS: 1393-10-8

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2 mg/kg 85ERAY 1,824,78
* ivn-mus LD50:2 mg/kg 85ERAY 1,824,78
* ims-mus LD50:3 mg/kg 85ERAY 1,824,78

VI9456000 RHODODENDRON ARBOREUM Sm., flower extract
DEF:Indian plant belonging to the family ERICACEAE (IJEBA6 6,232,68)
UPDT:8302
SYN: BURUNS FLOWER EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:250 mg/kg IJEBA6 6,232,68

VI9456050 RHODODENDRON ARBOREUM Sm., fruit extract
DEF:Indian plant belonging to the family ERICACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

VI9456100 RHODODENDRON ARBOREUM Sm., leaf extract
DEF:Indian plant belonging to the family ERICACEAE (IJEBA5 6,232,68)
UPDT:8302
SYN: BURUNS LEAF EXTRACT
TOXICITY DATA AND REFERENCES:
2H02J30 ipr-mus LD50:150 mg/kg IJEBA6 6,232,68

VI9456200 RHODODENDRON ARBOREUM Sm., stem bark extract
DEF:Indian plant belonging to the family ERICACEAE (IJEBA6 6,232,68)
UPDT:8403
SYN: BURUNS STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg IJEBA6 6,232,68

VI9456300 RHODODENDRON CAMPANULATUM D. Don, extract excluding roots
DEF:Indian plant belonging to the family ERICACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
3H02M10U26 ipr-mus LD50:188 mg/kg IJEBA6 15,208,77

VI9456500 RHODODENDRON FALCONERI Hk. f., extract excluding roots
DEF:Indian plant belonging to the family ERICACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2H02J30 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

VI9456700 RHODODENDRON GRIFFITHIANUM Wight, extract excluding roots
DEF:Indian plant belonging to the family ERICACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: TAMAHSIN EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:188 mg/kg IJEBA6 12,512,74

VI9457000 RHODODENDRON KENDRICKII Nutt., extract excluding roots
DEF:Indian plant belonging to the family ERICACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:188 mg/kg IJEBA6 12,512,74

VI9457300 RHODODENDRON MADDENI Hk. f., extract excluding roots
DEF:Indian plant belonging to the family ERICACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2D35H30 ipr-mus LD50:375 mg/kg IJEBA6 12,512,74

VI9457500 RHODODENDRON NILAGIRICA Zenk., leaf extract
DEF:Indian plant belonging to the family ERICACEAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2H02J30 ipr-mus LD50:250 mg/kg IJEBA6 9,91,71

VI9457700 RHODODENDRON NIVEUM Hook. f., extract excluding roots
DEF:Indian plant belonging to the family ERICACEAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1J30 ipr-mus LD50:175 mg/kg IJEBA6 9,91,71

RHODOLNE see: WL6475000

VI9580000 RHODOMYRTUS TOMENTOSA Wight, extract excluding roots
DEF:Indian plant belonging to the family MYRTACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
3H30M10U26 ipr-mus LD50:500 mg/kg IJEBA6 12,512,74

RHODOPAS see: AK0920000
RHODOPAS 010 see: AK0920000
RHODOPAS 5425 see: AK0920000
RHODOPAS 6000 see: AK0950000
RHODOPAS A 10 see: AK0920000
RHODOPAS AM 041 see: AK0920000
RHODOPAS AX see: AK0950000
RHODOPAS AX 30/10 see: AK0950000
RHODOPAS AX 85/15 see: AK0950000
RHODOPAS B see: AK0920000
RHODOPAS BB see: AK0920000
RHODOPAS HV 2 see: AK0920000
RHODOPAS M see: AK0920000
RHODOPAS 5000SMR see: AK0920000
RHODOPSEUDOMONAS CAPSULATA CELL WALL LIPOPOLYSACCHARIDE see: OJ0895600
RHODOTOXIN see: PB9195000
RHODOVIOL see: TR8100000
RHODOVIOL 4/125 see: TR8100000
RHODOVIOL 16/200 see: TR8100000
RHODOVIOL 4-125P see: TR81000U0
RHODOVIOL R 16/20 see: TR8100000
RHODULINE ORANGE see: AR7600000
RHODULINE ORANGE N see: AR7600000
RHODULINE ORANGE NO see: AR7600000
RHOMBIC see: MW6300000
RHOMELLOSE see: FJ5959000
RHOMENC see: AG1575000
RHOMENE see: AG1575000
RHOMEX see: TL3485000
RHONOX see: AG1575000
RHOPLEX AC-33 (ROHM and HAAS) see: OZ4550000
RHOPLEX B 85 see: TR0400000
RHOTEX GS see: WD6826000
RHOTHANE see: KI0700000
RHOTHANE D-3 see: KI0700000

VJ0585600 RHUBARB, leaves and stems
UPDT:8401
SYN: HEUMUNDULATUM
TOXICITY DATA AND REFERENCES:
3K12K13M11 orl-chd TDLo:1 gm/kg DMWOAX 89,2379,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RHUS copallina see: VU9140000
RHUS COTINUS Linn., extract excluding roots see: GN1940000

VJ0588000 RHUS MYSURENSIS Heyne ex W. & A., extract excluding roots
DEF:Indian plant belonging to the family ANACARDIACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: KHATUNA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 11,43,73

VJ0588100 RHUS PARVIFLORA Roxb., extract excluding roots
DEF:Indian plant belonging to the family ANACARDIACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: TANG EXTRACT
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

VJ0588200 RHUS WALLICHII Hook. f., extract excluding roots
DEF:Indian plant belonging to the family ANACARDIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1Y55 ipr-mus LD50:375 mg/kg IJEBA6 15,208,77

VJ0588300 RHUS WALLICHII Hk. f., leaf and stem extract
DEF:Indian plant belonging to the family ANACARDIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

R 18553 HYDROCHLORIDE see: TM4960000

VJ0588850 RHYNCHOSIA ROTHII Benth. ex. Ait, extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

VJ0588900 RHYTIDOPHYLLUM TOMENTOSUM Mart., leaf and stem extract
DEF:Jamaican plant belonging to the family GESNERIACEAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:40 gm/kg JPPMAB 14,556,62

RHYTMATON see: AX8050000
RHYUNO OIL see: CY2800000
RIABAL see: UY4310000
RIANIL see: KV0600000
RIBALL see: UR0785000
RIBAVIRIN see: XZ4250000
RIBENA see: CI7650000

VJ0650000 RIBES GLACIALE Wall., extract excluding roots
DEF:Indian plant belonging to the family SAXIFRAGACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 18,594,80

RIBIPCA see: VJ1400000
RIBO-AZAURACIL see: XY8575000
RIBO-AZURACIL see: XY8575000
RIBODERM see: VJ1400000
RIBOFLAVIN see: VJ1400000

VJ1300000 RIBOFLAVIN, 8-DEMETHYL-8-(DIMETHYLAMINO)-
UPDT:8309 CAS: 51093-55-1 MW: 405.46 MOLFM: C18-H23-N5-O6
SYN: ROSEOFLAVIN * ROSEOFLAVINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3000 mg/kg 85ERAY 1,277,78
ipr-mus LD50:400 mg/kg JANTAJ 27,88,74

VJ1400000 RIBOFLAVINE
UPDT:8406 CAS: 83-88-5 MW: 376.41 MOLFM: C17-H20-N4-O6
SYN: BEFLAVINE * 6,7-DIMETHYL-9-D-RIBITYLISOALLOXAZINE * FLAVAXIN * FLAXAIN * HYFLAVIN * HYRE * ISOALLOXAZINE, 7,8-DIMETHYL-10-D-RIBITYL- * ISOALLOXAZINE, 7,8-DIMETHYL-10-(D-RIBO-2,3,4,5-TETRAHYDROXYPENTYL)- * LACTOFLAVIN * LACTOFLAVINE * RIBIPCA * RIBODERM * RIBOFLAVIN * RIBOFLAVINEQUINONE * VITAMIN B2 * VITAMIN G
MUTATION DATA AND REFERENCES:
cyt-ham:lng 300 mg/L GMCRDC 27,95,81
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:560 mg/kg JPETAB 76,75,42
scu-rat LD50:5000 mg/kg JPETAB 76,75,42
ivn-mus LDLo:365 mg/kg TXAPA9 44,225,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

RIBOFLAVINEQUINONE see: VJ1400000
RIBOFLAVINE SULFATE see: WK2300000
RIBOFURANOSIDE, GUANINE-9, beta-D- see: MF8750000
RIBOFURANOSIDE, 9H-PURINE-6-THIOL-9 see: UP0700000
9-beta-D-RIBOFURANOSIDOADENINE see: AU7175000
1-beta-RIBOFURANOSYLCYTOSINE see: UW7370000
9-beta-D-RIBOFURANOSYLGUANINE see: MF8750000
2-beta-D-RIBOFURANOSYLMALEIMIDE see: ON6200000
5-beta-D-RIBOFURANOSYL-1,3-OXAZINE-2,4-DIONE see: RP6320000
9-beta-D-RIBOFURANOSYL-9H-PURIN-6-AMINE see: AU7175000
9-(beta-D-RIBOFURANOSYL)PURINE see: UO9100000
9-beta-D-RIBOFURANOSYL-9H-PURINE see: UO9100000
9-beta-D-RIBOFURANOSYL-9H-PURINE-6(1H)-THIONE 5'-TETRAHYDROGEN TRIPHOSPHATE see: UP0766000
N-(9-beta-D-RIBOFURANOSYL-9H-PURIN-6-YL)BUTYRAMIDE 3',5'-CYCLIC HYDROGEN PHOSPHATE see: ES5054900
3-beta-D-RIBOFURANOSYL-1H-PYRROLE-2,5-DIONE see: ON6200000
7-beta-D-RIBOFURANOSYL-7H-PYRROLO(2,3-d)PYRIMIDINE-4-AMINE see: UY8870000
2-beta-D-RIBOFURANOSYL-4-THIAZOLECARBOXAMIDE see: XJ3600000
2-beta-D-RIBOFURANOSYL-as-TRIAZINE-3,5(2H,4H)-DIONE see: XY8575000
2-beta-D-RIBOFURANOSYL-1,2,4-TRIAZINE-3,5(2H,4H)-DIONE see: XY8575000
2-beta-D-RIBOFURANOSYL-as-TRIAZINE-3,5(2H,4H)-DIONE 2',3',5'-TRIACETATE see: XY8577000
1-beta-D-RIBOFURANOSYL-1,2,4-TRIAZOLE-3-CARBOXAMIDE see: XZ4250000
RIBOMYCINE see: WK2300000
RIBONOSINE see: NM7460000
RIBOSTAMIN see: WK2300000
RIBOSTAMYCIN SULFATE see: WK2300000
RIBOSYLPURINE see: UO9100000
RIBOXAMIDE see: XJ3600000
RIC 272 see: VA385000U
RICE STARCH see: GM5090000
RICETRINE see: GS4360000
RICHAMIDE 6310 see: JR1925000
RICHONATE 1850 see: DB6825000
RICHONATE 45B see: DB6825000
RICHONATE 60B see: DB6825000
RICHONIC ACID B see: DB6600000
RICHONOL A see: WT1050000
RICHONOL AF see: WT1050000
RICHONOL C see: WT1050000

RICHONOL S-1285 see: WB7350000
RICHONOL S-5260 see: WB7350000
RICHONOL T see: WT1000000
RICID see: TE6500000
RICIFON see: TA0700000

VJ2625000 RICIN
UPDT:8408 CAS: 9009-86-3
MUTATION DATA AND REFERENCES:
dni-rat:lvr 300 ug/L ARTODN 44,175,80
dni-mus/ast 25 ug/kg TOXIA6 11,379,73
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T34 ipr-mus TDLo:1350 ng/kg (3D preg) JTEHD6 12,193,83
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:2 mg/kg PCOC** -,963,66
orl-rat LDLo:100 mg/kg NCNSA6 5,47,53
2F07F15 par-rat LD50:336 ng/kg NEREDZ 4,259,79
* ipr-mus LD50:4 ug/kg NATUAS 249,627,74
ivn-mus LD50:3 ng/kg BIPAA8 74,85,76
ivn-dog LDLo:1600 ng/kg JTEHD6 5,1073,79
orl-rbt LDLo:500 ug/kg PCOC** -,963,66
ipr-gpg LDLo:20 ng/kg SCIEAS 144,1100,64
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BIPAA8 74(1),85,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RICINIC ACID see: VJ3150000

VJ3150000 RICINOLEIC ACID
UPDT:8401 CAS: 141-22-0 MW: 298.52 MOLFM: C18-H34-O3
SYN: L'ACIDE RICINOLEIQUE (French) * 12-HYDROXY-cis-9-OCTADECENOIC ACID * 9-OCTADECENOIC ACID, 12-HYDROXY-, (Z)- * OLEIC ACID, 12-HYDROXY- * RICINIC ACID * RICINOLIC ACID
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rbt TDLo:390 mg/kg/17W-I CRSBAW 137,760,43
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VJ3550000 RICINOLEIC ACID, TRIESTER with GLYCEROL, 12-ETHER with TRIDECAETHYLENE GLYCOL
UPDT:8403
SYN: EMULSOV O EXTRA P
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:37 gm/kg APPRAD 18,53,60
* ipr-rat LD50:7500 mg/kg APPRAD 18,53,60
3F24F43J30 ivn-mus LD50:3600 mg/kg APPRAD 18,53,60

RICINOLIC ACID see: VJ3150000
RICIN-TOXIN CON A see: GK6890000
RICINUS OIL see: FI4100000
RICIRUS OIL see: FI4100000
RICKAMICIN see: WK2284900
RICKETON see: VS2900000
RICON 100 see: WL6478000
RICON 181 see: WL6478000
RICON 182 see: WL6478000
RICON 183 see: WL6478000
RICON A-84 see: WL6478000
RICORTEX see: GM9140000
RICYCLINE see: QI9100000
RIDAURA see: MD6500000
RIDAZOLE see: NI6803000
RIDDELLIINE see: VJ3850000

VJ3850000 RIDDELLINE
UPDT:8408 CAS: 23246-96-0 MW: 349.42 MOLFM: C18-H23-N-O6
SYN: RIDDELLIINE
MUTATION DATA AND REFERENCES:
dns-rat:lvr 3200 ug/L ENMUDM 5,487,83
TUMORIGENIC DATA AND REFERENCES:
3V03L60P62 mul-rat TDLo:210 mg/kg/52W-I BJCAAI 11,535,57
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:25 mg/kg JPBAA7 78,471,59
ivn-mus LD50:105 mg/kg JPETAB 78,373,43
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 10,313,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RIDOMIL see: AY6910000
RIDOMIL 2E see: AY6910000
RIDZOL P see: NI6803000
RIFA see: VJ7000000
RIFA ACID ORANGE II see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
RIFADIN see: VJ7000000
RIFADINE see: VJ7000000
RIFAGEN see: VJ7000000
RIFALDAZIN see: VJ7000000
RIFALDAZINE see: VJ7000000
RIFALDIN see: VJ7000000
RIFAMATE see: VJ7000000
RIFAMICINE SV see: KD1922000
RIFAMIDE see: AB7525000
RIFAMPICIN see: VJ7000000
RIFAMPICINE (French) see: VJ7000000
RIFAMPICIN M/14 see: AB7525000
RIFAMPICIN SV see: VJ7000000
RIFAMPICINUM see: VJ7000000
RIFAMPIN see: VJ7000000
RIFAMYCIN see: AH0525000
RIFAMYCIN see: KD1922000
RIFAMYCIN AMP see: VJ7000000
RIFAMYCIN B see: AH0525000
RIFAMYCIN B AZEPINIDE see: CM3186000
RIFAMYCIN B BUTYLMETHYLAMIDE see: AB7465000
RIFAMYCIN B DIETHYLAMIDE see: AB7525000
RIFAMYCIN B, N,N-DIETHYLAMIDE see: AB7525000
RIFAMYCIN B DIISOBUTYLAMIDE see: AB7551000
RIFAMYCIN B DIPROPYLAMIDE see: AB7553000
RIFAMYCIN B ETHYLPHENYLAMIDE see: AB7557000
RIFAMYCIN B METHYLPROPYLAMIDE see: AB7563000
RIFAMYCIN B PIPERIDIDE see: TM7176000
RIFAMYCIN, 4-O-(CARBOXYMETHYL)- (9CI) see: AH0525000
RIFAMYCIN DIETHYLAMIDE see: AB7525000
RIFAMYCIN, 4-O-(2-(DIETHYLAMINO)-2-OXOETHYL)- (9CI) see: AB7525000
RIFAMYCIN M14 see: AB7525000
RIFAMYCIN, 3-(((4-METHYL-1-PIPERAZINYL)IMINO)METHYL)- see: VJ7000000
RIFAMYCIN S see: KD1925000
RIFAMYCIN SV see: KD1922000
RIFAPRODIN see: VJ7000000
RIFINAH see: VJ7000000
RIFLE POWDER see: TT3710000
RIFLE POWDER (DOT) see: TT3710000
RIFOBAC see: VJ7000000
RIFOCIN see: KD1922000
RIFOCINA M see: AB7525000
RIFOCIN M see: AB7525000
RIFOCYN see: KD1922000
RIFOLDINE see: VJ7000000
RIFOMIDE see: AB7525000
RIFOMYCIN B see: AH0525000
RIFOMYCIN B DIETHYLAMIDE see: AB7525000
RIFOMYCIN M14 see: AB7525000
RIFOMYCIN S see: KD1925000
RIFOMYCIN SV see: KD1922000

VJ7000000 RIFOMYCIN SV, 8-(N-(4-METHYL-1-PIPERAZINYL)FORMIDOYL)-
UPDT:8412 CAS: 13292-46-1 MW: 823.05 MOLFM: C43-H58-N4-O12
SYN: ARCHIDYN * ARFICIN * DIONE 21-ACETATE * L-5103 * 3-(4-METHYLPIPERAZINYLIMINOMETHYL)-RIFAMYCIN SV * 8-(4-METHYLPIPERAZINYLIMINOMETHYL) RIFAMYCIN SV * 3-(((4-METHYL-1-PIPERAZINYL)IMINO)METHYL)RIFAMYCIN SV * NSC 113926 * R/AMP * RIFA * RIFADIN * RIFADINE * RIFAGEN * RIFALDAZIN * RIFALDAZINE * RIFALDIN * RIFAMATE * RIFAMPICIN * RIFAMPICINE (French) * RIFAMPICIN SV * RIFAMPICINUM * RIFAMPIN * RIFAMYCIN AMP * RIFAMYCIN, 3-(((4-METHYL-1-PIPERAZINYL)IMINO)METHYL)- * RIFAPRODIN * RIFINAH * RIFOBAC * ARIFOLDIN * RIFOLDINE * RIFORAL * RIMACTAN * RIMACTANE * RIMACTAZID * RIMACTIZID * TUBOCIN
MUTATION DATA AND REFERENCES:
dnr-sat 1 pph AGACBH 4,286,74
mmo-esc 100 mg/L JOBAAY 145,1334,81
dnr-esc 20 uL/disc MUREAV 97,1,82
dni-esc 200 mg/L JOBAAY 115,786,73
pic-esc 60 ng/plate CNREA8 43,2819,83
dnr-bcs 20 uL/disc MUREAV 97,1,82
dni-omi 200 mg/L ABCHA6 41,383,77
dni-omi 100 mg/L PNASA6 79,1101,82
mrc-smc 1 pph AGACBH 4,286,74
dni-hmn:lym 100 mg/L BBRCA9 60,96,74
oms-hmn:blu 150 mg/L EXPEAM 30,484,74
oms-hmn:oth 150 mg/L EXPEAM 30,484,74
cyt-hmn:lym 25 mg/L MUREAV 48,215,77
cyt-hmn:leu 19 ug/L EXPEAM 29,124,73
cyt-hmn:oth 78 mg/L EXPEAM 30,484,74
spm-mus-ipr 150 mg/kg FOBLAN 21,60,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T43T46 orl-rat TDLo:1400 mg/kg (4-10D preg) CHDDAT 269,2147,69
1T26 orl-rat TDLo:3200 mg/kg (1-16D preg) CHDDAT 269,2147,69
1T59 orl-rat TDLo:4 gm/kg (2-21D preg) ANBCB3 16,316,70
1T25 orl-rat TDLo:6 gm/kg (2-21D preg) ANBCB3 16,316,70
1T86 ihl-rat TCLo:6100 ug/m3/24H (1-22D preg) ANTBAL 25,280,80
3T26T43T46 orl-mus TDLo:2200 mg/kg (6-16D preg) CHDDAT 269,2147,69
2T25T26 orl-rbt TDLo:2600 mg/kg (6-18D preg) ANBCB3 16,316,70
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-mus TDLo:8400 mg/kg/60W-C TXAPA9 43,293,78
TOXICITY DATA AND REFERENCES:
3D25D27R03 orl-hmn TDLo:180 mg/kg BMJOAE 2,1189,77
1D35 orl-man TDLo:13 mg/kg/2D BMJOAE 1,199,76
orl-man LDLo:857 mg/kg JAMAAP 240,2283,78
orl-rat LD50:1570 mg/kg JJANAX 23,257,70
ipr-rat LD50:390 mg/kg TXAPA9 24,37,73
* scu-rat LD50:534 mg/kg JJANAX 23,242,70
ivn-rat LD50:1273 mg/kg JJANAX 23,257,70
orl-mus LD50:500 mg/kg CHDDAT 269,2147,69
ipr-mus LD50:480 mg/kg TXAPA9 24,37,73
* scu-mus LD50:621 mg/kg JJANAX 23,242,70
* ivn-mus LD50:260 mg/kg ANBCB3 16,316,70
* orl-rbt LD50:2120 mg/kg ANBCB3 16,316,70
* ipr-gpg LD50:639 mg/kg ANBCB3 16,316,70
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MMWOAU 115(39),1685,73; LANCAO 2,1285,80
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 24,243,80
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 24,243,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RIFORAL see: VJ7000000
RIGENICID see: NS0350000
RIGETAMIN see: KE8225000
RIGEVIDON see: JF8300000
RIGIDEX see: TQ3325000
RIGIDEX 35 see: TQ3325000
RIGIDEX 50 see: TQ3325000
RIGIDEX TYPE 2 see: TQ3325000
RIGIDIL see: KR6825000
RIGIDYL see: KR6825000
RIKAVARIN see: GU8400000
RIKELATE CALCIUM see: EV7700000
RIKEMAL S 250 see: WG2933500
RIKER #566 see: KL0175000
RIKER 595 see: EL9200000
RIKER 601 see: DK7175000
RIKER 520 see: YN5080000
RILANSYL see: XJ1050000
RILAQUIL see: XJ1050000
RILASSOL see: XJ1050000
RILAX see: XJ1050000
RILLASOL see: XJ1050000
RILOF see: TE3690000
RIMACTAN see: VJ7000000
RIMACTANE see: VJ7000000
RIMACTAZID see: VJ7000000
RIMACTIZID see: VJ7000000
RIMADYL see: FE3180000
RIMANTADINE HYDROCHLORIDE see: AU4717000
RIMAON see: OD4725000
RIMICID see: NS1750000
RIMIFON see: NS1750000

RIMITSID see: NS1750000
RIMSO-50 see: PV6210000
RINDERINE see: MH6155000
RINDEX see: QI9276000
RINEPTIL see: MQ5425000
RINO-CLENIL see: TU3805000
RIOL see: YR0450000
RIOMITSIN see: QI7875000
RIPCORD see: GZ1250000
RIPENTHOL see: RN8225000
RIPERCOL see: NJ5950000
RIPERCOL-L see: NJ5960000
RIPEREOL see: NJ5950000
RIPOSON see: SC4900000
RIRILIM see: NK7875000
RIRIPEN see: NK7875000
RISATARUN see: LZ9800000
RISE see: XJ9040000
RISELECT see: UE4900000
RISELF see: RQ3500000
RISERPA see: ZG03500U0
RISPASULF see: FA4439000
RISTAT see: CY5250000
RISTOCETIN A see: VJ8595000
RISTOCETIN psi-AGLYCONE see: VJ8597000
RISTOGEN see: CB4375000

VJ8595000 RISTOMYCIN A
UPDT:8306 CAS: 11021-66-2 MW: 2068.13 MOLFM: C95-H110-N8-O44
SYN: RISTOCETIN A
TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:767 mg/kg	JANTAJ 35,1561,82
1R10	ivn-mus LD50:1350 mg/kg	85FZAT -,568,67

RISTOMYCIN A psi-AGLYCONE see: VJ8597000

VJ8597000 RISTOMYCIN A AGLYCONE, 34-O-(3-AMINO-2,3,6-TRIDEOXY-alpha-L-ribo-HEXOPYRANOSYL)-
UPDT:8306 CAS: 73412-13-2 MW: 1303.36 MOLFM: C66-H62-N8-O21
SYN: RISTOCETIN psi-AGLYCONE * RISTOMYCIN A psi-AGLYCONE
TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:133 mg/kg	JANTAJ 35,1561,82

RISTON see: TR0400000
RITALIN see: TM3850000
RITALIN see: TM3675000
RITALINE see: TM3675000
RITALIN HYDROCHLORIDE see: TM3850000
RITCHER WORKS see: TM3675000
RITHA, seed extract (Indian) see: VQ1285000 SAPINDUS TRIFOLIATUS Linn., seed extract
RITHA STEM BARK EXTRACT (Indian) see: KE9898500
RITMENAL see: MU1050000
RITMODAN see: UR8432000
RITMOS see: AX8050000
RITOSEPT see: SM0700000
RITROSULFAN see: KF2305000
RITSIFON see: TA0700000
RITUSSIN see: TY8400000
RIVADORM see: CQ5775000
RIVADORN see: CQ6125000
RIVANOL see: OD4725000
RIVASED see: ZG0350000
RIVASIN see: ZG0350000

VJ9300000 RIVEA HYPOCRATERIFORMIS Choisy, fruit extract
DEF:Indian plant belonging to the family CONVOLVULACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:

2F29U26	ipr-mus LD50:250 mg/kg	IJEBA6 18,594,80

RIVINOL see: OD4725000
RIVIVOL see: NS1925000
RIVOMYCIN see: AB6825000
RIVOTRIL see: DF2100000
RIVULARINE see: EM9257500
RIXAPEN SODIUM see: XH8921000
RIZABEN see: DG8731000
RIZOLEX see: TF0460000
RK 3 see: SZ5990300
RL-50 see: MA1575000
RL-1103 see: VE9110000
RMC see: OM2100000
RMD 4500 see: AT6978000
RMI 9918 see: TM4969000
RMI 12,936 see: BV8405000
RMI 71782 see: RM2981600
RMI 71782 see: RM2981700
RMI 83027 see: UY0350000
RMI9,384A see: HO0525000
RMI-14042A see: NJ2570000
RMI 10874DA see: ZO5735000

VJ9702970 RN 30/9
DEF:An extract of CRATAEGUS (PLMEAA 43,105,81)
UPDT:8306
TOXICITY DATA AND REFERENCES:

1G30	ivn-gpg LDLo:15700 mg/kg	PLMEAA 43,105,81

RO 1-5130 see: UU5270000
RO 1-5518 see: TN4970000
RO 1-6463 see: TM7350000
RO-1-7700 see: QD0350000
Ro 1-7977 see: WM7650000
RO-1-9213 see: NY2975000
RO 1-9334 see: JY5095000
RO 2-1160 see: AJ4690000
RO 2-2222 see: NJ6100000
RO 2-2453 see: DL3580000
Ro 2-2985 see: GP4000000
RO 2-3248 see: HN7525000
(+-)-Ro 2-3308 see: DD4639000
RO 2-4572 see: NS1925000
RO 2-5803 see: SJ7800000
Ro 2-7113 see: TN6829750
RO 2-9757 see: YR0350000
RO 2-9915 see: HA6040000
RO 4-0403 see: XO1050000
RO 4-1634 see: TO7874000
RO 4-2130 see: WP0700000
RO-4-3780 see: VH6440000
RO 4-4393 see: DA9500000
RO 4-4602 see: VT9632300
RO 4-5360 see: DF2450000
RO 4-6316 see: AY5600000
RO 4-6467 see: XS4725000
RO 4-6467 see: XS4550000
RO 4-6861 see: SH0875000
Ro 04-7683 see: CV4903000
RO 4-8180 see: DF2100000
RO 4-9253 see: DE9800000
RO 5-0690 see: DE9450000
RO 5-2180 see: DF1750000
RO 5-2807 see: DF1575000
RO 5-3059 see: DF2450000
RO 5-3350 see: DE9800000
RO 5-3438 see: DF2370305
RO 5-4023 see: DF2100000
RO 5-4200 see: DF2385000
RO 5-5345 see: DF1225000
RO 5-6789 see: DF1400000
RO 5-6901 see: DF0875000
RO 7-0207 see: NI5460000
Ro 7-0582 see: NI5572000
RO-07-0741 see: NI5566000
RO 71051 see: NI3340000
RO 7-1554 see: NI6450000
RO 7-2340 see: RN6800500
Ro 7-2430 see: NI3885000
RO 7-6145 see: MQ3570000
RO 10-6338 see: DG4910000
Ro 10-9070 see: XI0185000
Ro 10-9359 see: RA6620000
Ro 11-2616 see: TY8940000
Ro-15-1788 see: NI2922170
RO 1-5431/7 see: QD1925000
RO 1-5470/5 see: QD0222000
Ro 20-5720 see: FE3170000 9H-CARBAZOLE-2-ACETIC ACID, 6-CHLORO-alpha-METHYL-
RO 21-3981 see: NI2922200
Ro 215535 see: FZ4645000
RO 4-1544/6 see: JO6150000
RO-5-0810/1 see: BQ8343000
RO 5-3307/1 see: NW7010000
Ro-5-6901/3 see: DF2368050
RO 20-5720/000 see: FE3170000 9H-CARBAZOLE-2-ACETIC ACID, 6-CHLORO-alpha-METHYL-
RO 21-3981/001 see: NI2922200
ROACH SALT see: WB0350000
ROAD ASPHALT (DOT) see: CI9900000
ROAD ASPHALT (DOT) see: CI9905000
ROAD TAR (DOT) see: CI9900000
ROAD TAR, LIQUID (DOT) see: CI9905000
RO-AMPEN see: XH8350000
RO-AMPEN see: XH8425000
ROBAMATE see: TZ0175000
ROBANUL see: UY4337630

VK5700000 ROBAVERON
UPDT:8408
SYN: SWINE PROSTATE EXTRACT
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T46T53	scu-rat TDLo:165 gm/kg (7-17D preg)	OYYAA2 16,1073,78
1T46	scu-mus TDLo:100 gm/kg (6-15D preg)	OYYAA2 14,369,77

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:184 gm/kg	NIIRDN 6,912,82
*	scu-rat LD50:146 gm/kg	NIIRDN 6,912,82
*	ivn-rat LD50:51 gm/kg	NIIRDN 6,912,82
*	orl-mus LD50:128 gm/kg	NIIRDN 6,912,82
*	scu-mus LD50:118 gm/kg	NIIRDN 6,912,82
*	ivn-mus LD50:107 gm/kg	NIIRDN 6,912,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ROBAXISAL-PH see: AM4375000
ROBENIDINE see: ME8650000
ROBICILLIN VK see: XH9275000
ROBIGENIN see: LK9275200
ROBIGRAM see: UE9480000
ROBIMYCIN see: KF4375000
ROBINETIN see: LK8780000

VK6150000 ROBINIA PSEUDOACACIA Linn., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:

2M10U26	ipr-mus LD50:1 gm/kg	IJEBA6 15,208,77

VK6151000 ROBINIA PSEUDOACACIA Linn., seed extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:

3G07H02M10	ipr-rat LD50:1 gm/kg	IJEBA6 16,228,78

ROBINUL see: UY4337630
ROBIOCINA see: CU9080000
ROBISELIN see: NS1750000
ROBISELLIN see: NS1750000
ROBITET see: QI8750000
ROBITRIN see: LL6220000
ROBITUSSIN see: TY8400000
ROBIZON-V see: UQ8225000
ROBORAL see: BV8060000

VK6540000 ROC-101
DEF:An herbal preparation composed of a mixture of three different plants indigenous to India(IJMRAQ 60,1054,72)
UPDT:8408
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T02T03	orl-rat TDLo:105 mg/kg (28D male)	IJMRAQ 60,1213,72
1T23	orl-rat TDLo:112 gm/kg (28D male)	IJMRAQ 60,1054,72
2T02T03	orl-mus TDLo:336 mg/kg (28D male)	IJMRAQ 60,1213,72
1T01	orl-mus TDLo:252 mg/kg (21D male)	IJMRAQ 60,1213,72
2T12T13	orl-mus TDLo:72 gm/kg (30D pre)	IJMRAQ 60,1054,72
2T22T23	orl-mus TDLo:336 gm/kg (28D male/28D pre)	IJMRAQ 60,1054,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ROCALTROL see: FZ4645000
ROCCAL see: BO3150000
ROCCAL see: BO3325000
ROCHIPEL see: SO4900000
ROCILLIN-VK see: XH9275000
ROCIPEL see: SO4900000
ROCK CANDY see: WN6500000
ROCK OIL see: SE7175000
ROCK SALT see: VZ4725000
ROCK WOOL see: PY8070000
ROCORNAL see: XZ5700000
RO-CYCLINE see: QI9100000
RODAFARIN see: GN4550000
RODALON see: BO3150000
RODALON see: BO3325000
RODANCA see: XL1925000
RODATOX 60 see: XK9450000
RODENE see: VF7350000
RODENTIN see: GN7630000
RO-DETH see: GN4550000
RODEX see: AC1225000
RODEX see: GN4550000
RO-DEX see: WL2275000
RODEX BLOX see: GN4550000
RODILONE see: AE7175000
RODINAL see: SJ5075000
RODINE see: VF7350000
RODINOL see: RH3400000
RODINOLONE see: TU3850000
RODIPAL see: SO4900000
RODIURAN see: DK9625000
RODOCID see: TE4550000
RODY see: GZ2090000
ROE 101 see: UV9100000
ROERIDORM see: SB4725000
ROGODIAL see: AI7875000
ROGODIAL see: TE1750000
ROGOR see: TE1750000
ROGOR 40 see: TE1750000
ROGOR L see: TE1750000
ROGOR 20L see: TE1750000
ROGOR P see: TE1750000
ROGUE see: UE4900000
ROHAGIT SD 15 see: AT4680000
ROHAN STEM BARK EXTRACT (Indian) see: WG4872000
ROHM & HAAS RH-218 see: TG1380000
ROHYDRA see: KR7000000
RO-HYDRAZIDE see: DK9100000
ROHYPNOL see: DF2385000
ROIDENIN see: MU6640000
ROKACET see: MD0880000
ROKACET O 7 see: MD0880000
ROKANOL L see: MD0875000
ROKANOL L 2 see: MD0875000
ROKANOL L 4 see: MD0875000
ROKANOL L 6 see: MD0875000
ROKANOL L 10 see: MD0875000
RO-KO see: DJ2800000
ROL see: TB9100000
ROLAMID CD see: JR1925000
ROLAZINE see: TH9000000
ROLAZOTE see: SP4900000
ROLAZOTE see: SP4725000
ROLICTON see: YQ8800000
ROLICYPRINE see: UY0350000
ROLL-FRUCT see: SZ7100000
ROLODIN see: UY8925000
ROLODINE see: UY8925000
ROLSERP see: ZG0350000
ROM 203 see: UB4799000
ROMACRYL see: TR0400000
ROMANTRENE GOLDEN YELLOW see: HO7030000
ROMAN VITRIOL see: GL8800000
ROMAN VITRIOL see: GL8900000
ROMERGAN see: SO6825000
ROMETIN see: VC5075000
ROMEZIN see: WP0750000
ROMILAR see: QD0222000
ROMILAR HYDROBROMIDE see: QD0222000
ROMOPAL LN see: MD0875000
ROMOSOL see: MD6475000
ROMPARKIN see: TN2625000
ROMPHENIL see: AB6825000
ROMPUN see: XJ0776350
RONAFIL DSM see: AT6970000
RONDAR see: DF1400000
RONDASE see: MT7260000
RONDOMYCIN see: QI9275000
RONDOMYCIN see: QI9276000
RO-NEET see: GU7200000
RONFALIN see: AT6970000
RONFALIN S see: AT6978000
RONGALIT see: PB0380000
RONGALIT C see: PB0380000
RONGALITE see: PB0380000
RONGALITE C see: PB0380000
RONIDASE see: MT7260000
RONIDAZOLE see: NI6803000
RONILAN see: RP8530000
RONIN see: DA9625000
RONIT see: GU7200000
RONNEL see: TG0525000
RONONE see: DJ2800000

VL0070000 RONPACON CEREBRAL 280
UPDT:8305
TOXICITY DATA AND REFERENCES:
1E15 par-rat LD50:70 mg/kg AUMKAS 33,201,78

RONTON see: WN2800000
RONTYL see: DK9625000
RONYL see: RQ2975000
ROOTONE see: QJ0590000
ROOTONE see: NL5250000
ROOTONE see: QJ0875000
ROP 500 F see: NI8870000
ROPOL see: TQ3325000
ROPOTHENE 08.03-110 see: TQ3325000
ROPTAZOL see: RQ3675000
ROQUEFORTINE see: UQ4730500
ROQUINE see: VB2360000
RORASUL see: UO8925000
RORASUL see: VO6250000
RORER 148 see: VA3850000
RORIDAN A see: VL0355000

VL0355000 RORIDIN A
UPDT:8308 CAS: 14729-29-4 MW: 532.69 MOLFM: C29-H40-O9
SYN: RORIDAN A
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1 mg/kg 85ERAY 3,1946,78

VL0356000 ROSA BRUNONII Lindl., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1N22 ipr-mus LD50:250 mg/kg IJEBA6 18,594,80
ROSACETOL see: AJ8375000

VL0363000 ROSA INVOLUCRATA Roxb., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2U26V30 ipr-mus LD50:188 mg/kg IJEBA6 18,594,80

VL0365000 ROSA MACROPHYLLA Lindl., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 11,43,73)
UPDT:8303
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:125 mg/kg IJEBA6 11,43,73
ROSAMICIN see: JG6800000
ROSANIL see: UE4900000
ROSANILINE see: CX9855000
para-ROSANILINE see: CX9849000
ROSANILINE BASE see: ZE9705000
ROSANILINE CHLORIDE see: CX9855000
p-ROSANILINE HCL see: CX9850000
ROSANILINE HYDROCHLORIDE see: CX9855000
ROSANILINIUM CHLORIDE see: CX9855000
ROSAPIN see: EU1225000
ROSARAMICIN see: JG6800000

VL0433300 ROSA SERICEA Lindl., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:188 mg/kg IJEBA6 15,208,77

VL0433400 ROSA WEBBIANA Wall., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:200 mg/kg IJEBA6 16,228,78
ROSCOPENIN see: XH9275000
ROSCOSULF see: WO9030000

VL0434000 ROSE ABSOLUTE FRENCH
DEF:Isolated from the flowers of Rosa centifolia L.(Fam. Rosaceae) (FCTXAV 13,681,75)
UPDT:8305
SYN: ABSOLUTE FRENCH ROSE * FRENCH ROSE ABSOLUTE * ROSE DE MAI ABSOLUTE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 13,911,75

VL0434500 ROSE BENGAL
UPDT:8408 CAS: 11121-48-5
SYN: BENGAL ROSE * ROSE BENGALE
MUTATION DATA AND REFERENCES:
dnr-bcs 2 mg/disc TRENAF 27,153,76
mmo-omi 100 mg/L MUREAV 34,187,76
cyt-ham:ovr 20 umol/L/5H-C ENMUDM 1,27,79
dni-gpg:kdy 50 mg/L FCTXAV 12,359,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
ROSE BENGALE see: VL0434500
ROSE BENGAL SODIUM see: LM5920000
ROSE CRYSTALS see: AJ8375000
ROSE DE GRASSE see: VL0457000
ROSE DE MAI see: VL0457000
ROSE DE MAI ABSOLUTE see: VL0434000
ROSE DIHYDROKETONE see: EN0340000
ROSE ETHER see: KM0350000
ROSE GERANIUM OIL ALGERIAN see: LY4055000
ROSEMARIE OIL see: VL0445000

VL0445000 ROSEMARY OIL
UPDT:8305 CAS: 8000-25-7
SYN: ROSEMARIE OIL * ROSMARIN OIL (German)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,977,74
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5000 mg/kg FCTXAV 12,977,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ROSEMIDE see: CB2625000
ROSEN OEL (German) see: VL0457000
ROSENOL see: VL0457000
ROSENSTHIEL see: OP0900000
ROSEOFLAVIN see: VJ1300000
ROSEOFLAVINE see: VJ1300000

VL0457000 ROSE OIL
UPDT:8401 CAS: 8007-01-0
SYN: ATTAR ROSE * ATTAR of ROSE * ESSENCE of ROSE * OIL of ROSE * OIL of ROSE BLOSSOM * OTTO ROSE * OTTO of ROSE * ROSE DE GRASSE * ROSE DE MAI * ROSEN OEL (German) * ROSENOL * ROSE OTTO
TOXICITY DATA AND REFERENCES:
orl-rat LD50:12560 mg/kg PHARAT 14,435,59
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VL0460000 ROSE OIL BULGARIAN
UPDT:8305 CAS: 8007-01-0

SYN: BULGARIAN * OIL of ROSE BULGARIAN * OTTO of ROSE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 12,979,74
TOXICITY DATA AND REFERENCES:
* skn-rbt LD50:2500 mg/kg FCTXAV 12,979,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VL0462000 ROSE OIL MOROCCAN
DEF:By steam distillation of the flowers of ROSA CENTIFOLIA L., mainly l-CITRONELLOL & GERANIOL(FCTXAV 12,807,74)
UPDT:8305
SYN: OIL of ROSE MOROCCAN * OTTO of ROSE, MOROCCAN
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,981,74

VL0462500 ROSEOLIC ACID
UPDT:8309 CAS: 11052-94-1 MW: 454.46 MOLFM: C24-H22-O9
MUTATION DATA AND REFERENCES:
pic-esc 30 ng/plate CNREA8 43,2819,83
mmo-omi 1 mg/plate JGAMA9 11,129,65

ROSE OTTO see: VL0457000
ROSE OXIDE LEVO see: UQ1470000
ROSE QUARTZ see: VV7330000
ROSES see: SI1750000
ROSETONE see: QJ0590000
ROSEX see: GN4550000

VL0491000 ROSIN OIL
UPDT:8312
SYN: ROSIN OIL (DOT) * UN 1286 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

ROSIN OIL (DOT) see: VL0491000
ROSMARIN OIL (German) see: VL0445000
ROSPAN see: DD2450000
ROSPIN see: DD2450000
RO-SULFIRAM see: JO1225000

VL0503000 ROTALA ROTUNDIFOLIA Kochne, extract
DEF:Indian plant belonging to the family LYTHRACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 18,594,80

ROTATE see: FC1140000
ROTAX see: DL6475000
ROT B see: QL5850000
ROT C see: QK4250000
ROTEFIVE see: DJ2800000
ROTEFOUR see: DJ2800000
ROTENON see: DJ2800000
ROTENONA (Spanish) see: DJ2800000
ROTENONE see: DJ2800000
(-)-ROTENONE see: DJ2800000
ROTERSEPT see: DU1925000
ROTESAR see: DN9205000
ROTESSENOL see: DJ2800000
ROT G see: QK4250000
ROT GG FETTLOESLICH see: QL5850000
ROTHANE see: KI0700000
ROTOCIDE see: DJ2800000
ROTOX see: PA4900000
ROTTLERA EXTRACT see: ON8262200
ROTTLERA TINCTORIA Roxburgh, extract see: ON8262200
ROTTLERIN see: AM6913800

VL1959000 ROTTLERIN, PENTAACETATE
UPDT:8401 MW: 726.78 MOLFM: C40-H38-O13
SYN: ACETYLROTTLERIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T21 orl-rat TDLo:1600 mg/kg (8D pre) IJMRAQ 48,52,60
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ROUGE see: NO7400000
ROUGE CERASINE see: QK4250000
ROUGH & READY MOUSE MIX see: GN4550000
ROUGH & READY RAT BAIT & RAT PASTE see: VF7350000
ROUGOXIN see: IH6125000
ROULONE see: VA3850000
ROUQUALONE see: VA3850000
ROVAMICINA see: WG9400000
ROVAMYCIN see: WG9400000
ROVRAL see: NI8870000
ROWAPRAXIN see: JI4580000
ROWMATE see: FB8560000
ROWMATE see: FB8620000
ROWMATE see: FB8575000
ROXARSONE see: CY5250000
ROXEL see: ZG0350000
ROXIFEN see: NS1750000
ROXIMYCIN see: QI8925000
ROXINOID see: ZG0350000
ROXION see: TE1750000
ROXION U.A. see: TE1750000
ROXOSUL see: WO9100000
ROXOSUL TABLETS see: WO9100000
ROXOXOL see: WO9100000
ROXYNOID see: ZG0350000
ROYAL BLUE see: KE4100000
ROYALITE 20 see: AT6970000
ROYAL MBTS see: DL4550000
ROYAL MH see: UR6005000
ROYAL MH-30 see: UR5950000
ROYAL SLO-GRO see: UR5950000
ROYALTAC see: HE4375000
ROYALTAC see: RH6560000
ROYAL TMTD see: JO1400000

VL2460000 ROYLEA CINEREA (D. Don) Baill., extract excluding roots
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 9,91,71)
UPDT:8302
SYN: KODWA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

VL2465000 ROYLEA ELEGANS Wall., leaf extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:750 mg/kg IJEBA6 16,228,78

ROZOL see: NK5335000
ROZTOZOL see: WR5850000
143 RP see: TR8370000
866 R.P. see: AR7875000
RP 2090 see: WP2360000
2168-RP see: LZ4370000
RP 2275 see: WO8575000
2339 RP see: KV1915000
R.P. 2512 see: CV6500000
2512 R.P. see: CV6500000
R.P. 2591 see: SJ5775000
RP 2616 see: WP1925000
RP 2632 see: WP0750000
2643-RP see: WP0750000
RP 2786 see: UT0875000
RP 2929 see: BX8050000
2987 R.P. see: SO4200000
RP 3203 see: UR8750000
RP 3276 see: SO7000000
3277 RP see: SO6825000 PHENOTHIAZINE, 10-(2-DIMETHYLAMINOPROPYL)-
3277 R.P. see: SO8225000
3354 R.P. see: SP0175000
RP 3356 see: SO4900000
3359 RP see: DU1750000
3377 RP see: VB2450000
RP 3377 see: VB2360000
3.381 R.P. see: VC3968200
3389 R.P. see: SO6825000
RP 3554 see: SP0175000
RP 3602 see: TZ1225000
RP 3697 see: BS1100000
3.697 R.P. see: BS1100000
3718 RP see: DF3703500
3735 R.P. see: XO1605800
4161 R.P. see: NW7628100
4182 R.P. see: SO6825000
4184 R.P. see: NW7910000
4207 RP see: AE3850000
RP 4207 see: AE3850000
4259 R.P. see: NW7624500
4260 R.P. see: NW7524300
4261 R.P. see: NW7628200
4262 R.P. see: NW7911000
4504 R.P. see: NW8400000
4505 R.P. see: NW7524600
4506 R.P. see: NW7926000
4507 R.P. see: NW7524400
4508 R.P. see: NW7925000
4549 R.P. see: NW7524200
4560 R.P. see: SN8925000
4753 R.P. see: UV8140000
5015 RP see: NS1750000
5171 RP see: YV7175000
RP5171 see: AJ3400000
5278 R.P. see: TJ7350000
5293 RP see: SO2275000
R.P. 5337 see: WG9400000
5337 R.P. see: WG9400000
RP 5512 see: SP4140000
6140 RP see: SO2700000
RP-6798 see: CB9716000
6847 R.P. see: SO5775000
7204 RP see: SN7000000
7204 RP see: SN6950000
RP 7522 see: WP0400000
RP 7623 see: SP1500000
RP 7843 see: SP5400000
7843 R.P. see: SP5400000
RP 7891 see: DB1290000
RP 8167 see: TE4550000
RP 8532 see: NI7535000 IMIDAZOLE, 2-METHYL-4-NITRO-
8595 R.P. see: NI5075000
RP 8823 see: NI5600000
9778 R.P. see: NS0650000
RP-9895 see: TF7900000
RP-9921 see: YN5080000
RP 9965 see: NS5075000
9965 RP see: TM6107000
RP 10192 see: QI7650000
10257 R.P. see: DK7175000
R.P. 10,465 see: TF7900000
11,561 RP see: FD8900000
RP 11783 see: TE2000000
RP 11807 see: TE1840000
RP 11,974 see: TD5175000
RP 13057 see: HB7875000
13.057 R.P. see: HB7875000
RP 13072 see: TE1500000
13245 R. P. see: AG9625000
RP 13378 see: TE1450000
RP 16,091 see: SN5100000
17190RP see: SN5090000
RP 18,429 see: GU8400000
19583 RP see: UE7570000
22050 R.P. see: VL8420000
RP 22410 see: NY2350000
RP 23465 see: YS4000000
RP 26019 see: NI8870000
RP-30504 see: CB9725800
RP-32232 see: CB9376150
RP 32232 see: HE3140000
32545 RP see: SZ9640000
RP-32705 see: RK3328000
32861 R.P. see: RO0874400
RP-32999 see: NZ7201500
RP 33921 see: AG9427000
37454RP see: CB9459550

RPCNU see: YS5079500
R-PENTINE see: GY1000000
R 807 (PHARMACEUTICAL) see: PB0507500
R-874 PHILLIPS see: KL9700000
4560 RP HYDROCHLORIDE see: SO1750000
2786 R.P. MALEATE see: UT1225000
R-25788 plus S-PROPYLDIPROPYLTHIOCARBAMATE see: FD3840000
R 14 (REFRIGERANT) see: FG4920000
R 20 (REFRIGERANT) see: FS9100000
RS see: QW0970000
RS 86 see: HM2610000
RS 141 see: LQ4375000
RS 1280 see: TU3750000
RS-2177 see: TU3832000
RS-2196 see: UG3200000
RS-2290 see: KG7742000
RS 2874 see: VS3040000
R-3422-S see: FA3325000
RS-3540 see: UF5275000
RS-8858 see: FD0808000
RS-69216 see: US7972100
R SALT see: QJ6477000
RS-1401 AT see: TU3830000
R.S.NITROCELLULOSE see: QW0970000
R105 SODIUM see: LM5920000
R 1364 (STEROID) see: JF8330000
R. SUBMINIATUS VENOM see: YX4440000
R-875 TARTRATE see: UY1430000
RTCA see: XZ4250000
RTEC (Polish) see: OV4550000
R2323 and TESTOSTERONE see: JF7965000
R-010-TK see: AC6800000
RU 13 see: NI2885000
RU 1364 see: JF8330000
RU 2010 see: RC8960080
RU 2323 see: JF7964000
RU 3959 see: NL3490000
RU 4486 see: NL3530000
RU 4571 see: NL3400000
RU-4723 see: DE9600000
RU 5031 see: HO2833000
RU-11484 see: GZ1310500
RU 11679 see: GZ1231000
RU 15060 see: XM7580000
RU 15750 see: DH8520000
RU 16117 see: RC8943900
RU-16,117 see: RC8944500
RU 22974 see: GZ1233000
RU 24728 see: DF3509390
RU 24756 see: XI0250000
RU 25765 see: DF3509400
RU 25766 see: DF3509410
RU 25961 see: DF3509010
RU 26674 see: DF3509020
RU 26696 see: DF3509800
RUBATONE see: UQ8225000
RUBBER see: VL8020000
RUBBER BUFFINGS (DOT) see: VL8040000
RUBBER HYDROCHLORIDE see: TP3710000
RUBBER HYDROCHLORIDE POLYMER see: TP3710000

VL8020000 RUBBER, NATURAL
UPDT:8312 CAS: 9006-04-6
SYN: CAOUTCHOUC * GUM NAFKACRYSTAL * INDIA RUBBER * NAFKA * NAFKA CRYSTAL GUM * NAFKA KRISTALGOM * NATURAL RUBBER * RUBBER * RUBBER SOLUTION (DOT) * THIOKOL NVT * UN 1287 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
RUBBER RED 16913R see: DB5500000
RUBBER RED R EXTRA see: QL3430000

VL8040000 RUBBER SCRAP
UPDT:8308
SYN: RUBBER SCRAP (DOT) * RUBBER BUFFINGS (DOT) * UN 1345 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82
RUBBER SCRAP (DOT) see: VL8040000

VL8043000 RUBBER SHODDY
UPDT:8308
SYN: RUBBER SHODDY (DOT) * REGENERATED RUBBER (DOT) * RECLAIMED RUBBER (DOT) * UN 1345 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82
RUBBER SHODDY (DOT) see: VL8043000
RUBBER SOLUTION (DOT) see: VL8020000

VL8047000 RUBBER SOLVENT
DEF:A petroleum cut distilling between 38 to 149C consisting chiefly of C5 to C9 aliphatichydrocarbons (27ZTAP 3,124,69)
UPDT:8305
SYN: LACQUER DILUENT * NAPHTHA * SKELLY-SOLVE-L
TOXICITY DATA AND REFERENCES:
3F17D25F12 ihl-rat LC50:61 gm/m3/4H TXAPA9 33,526,75
ihl-cat LCLo:49 gm/m3/4H TXAPA9 33,526,75
REVIEW AND REFERENCES:
★ TLV-TWA 400 ppm DTLVS* 4,360,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO REF PETR SOLV recm std-air:TWA 350 mg/m3;CL 1800 mg/m3/15M NTIS**
RUBENS BROWN see: OP0915000
RUBERON see: OW3750000
RUBESCENCE RED MT-21 see: QJ1897000
RUBESOL see: GG3750000
RUBIAZOL A see: WO8400000
RUBIDAZON see: DG3345000
RUBIDAZONE see: DG3345000

VL8420000 RUBIDAZONE, MONOHYDROCHLORIDE
UPDT:8408 CAS: 36508-71-1 MW: 682.18 MOLFM: C34-H35-N3-O10 .Cl-H
SYN: BENZOIC ACID HYDRAZIDE, 3-HYDRAZONE with DAUNORUBICIN, MONOHYDROCHLORIDE * NSC-164011 * 22050 R.P. * ZORUBICIN HYDROCHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 20 ug/plate EJCAAH 19,641,83
mma-sat 4 ug/plate EJCAAH 19,641,83
pic-esc 700 ug/L MUREAV 77,197,80
oms-hmn:lym 1 mg/L EJCAAH 14,741,78
TOXICITY DATA AND REFERENCES:
3G10K13P14 ivn-hmn TDLo:48 mg/kg/21D-I CTRRDO 62,1053,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VL8500000 RUBIDIUM
UPDT:8404 CAS: 7440-17-7 MW: 85.47 MOLFM: Rb
SYN: RUBIDIUM METAL (DOT) * RUBIDIUM METAL, in cartridges (DOT) * UN 1423 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VL8575000 RUBIDIUM CHLORIDE
UPDT:8403 CAS: 7791-11-9 MW: 120.92 MOLFM: Cl-Rb
TOXICITY DATA AND REFERENCES:
orl-mus LD50:3800 mg/kg 20PKA3 -,56,67
ipr-mus LD50:1160 mg/kg COREAF 256,1043,63
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VL8600000 RUBIDIUM DICHROMATE
UPDT:7901 CAS: 13446-73-6 MW: 386.94 MOLFM: Cr2-O7-Rb2
REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cr)/m3 DTLVS* 4,98,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO Cr(VI) recm std-air:TWA 25 ug(Cr(VI))/m3;CL 50 ug/m3/15M NTIS**

VL8750000 RUBIDIUM HYDROXIDE
UPDT:8312 CAS: 1310-82-3 MW: 102.48 MOLFM: H-O-Rb
SYN: RUBIDIUM HYDROXIDE, SOLID (DOT) * RUBIDIUM HYDROXIDE, SOLUTION (DOT) * UN 2677 (DOT) * UN 2678 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:386 mg/kg TXAPA9 32,239,75
orl-mus LD50:900 mg/kg 20PKA3 -,56,67
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
RUBIDIUM HYDROXIDE, SOLID (DOT) see: VL8750000
RUBIDIUM HYDROXIDE, SOLUTION (DOT) see: VL8750000
RUBIDIUM METAL (DOT) see: VL8500000
RUBIDIUM METAL, in cartridges (DOT) see: VL8500000
RUBIDOMYCIN see: HB7875000
RUBIDOMYCINE see: HB7875000

VL9115000 RUBIFLAVIN
UPDT:8312 CAS: 11016-71-0
MUTATION DATA AND REFERENCES:
dnd-esc 10 mg/L MUREAV 89,95,81
dni-esc 5 mg/L AACHAX -,227,66
pic-esc 1 ng/plate CNREA8 43,2819,83
mmo-eug 30 mg/L NEOLA4 19,579,72
dni-eug 30 mg/L NEOLA4 19,579,72
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:15 mg/kg 85ERAY 2,1438,78
RUBIGAN see: UV9279400
RUBIGERVINE see: WF0300000
RUBIGERVINE HYDROBROMIDE see: WF0400000
RUBIGO see: NO7400000
RUBIJERVINE see: WF0300000
RUBIJERVINE HYDROBROMIDE see: WF0400000
RUBINATE 44 see: NQ9350000
RUBINATE TDI 80/20 see: CZ6300000
RUBITOX see: TD5175000

VL9305000 RUBOMYCIN
UPDT:8408 CAS: 11016-72-1
MUTATION DATA AND REFERENCES:
pic-esc 60 mg/L ZAPOAK 8,139,68
cyt-hmn:lym 40 ug/L CYGEDX 15(2),74,81
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:18 mg/kg ANTBAL 28,298,83
3F07F11U01 orl-mus LD50:205 mg/kg ANTBAL 19,57,74
ipr-mus LD50:5400 ug/kg ANTBAL 20,897,75
scu-mus LD50:26 mg/kg ANTBAL 21,1030,76
ivn-mus LD50:19 mg/kg ANTBAL 21,262,76
RUBOMYCIN C see: HB7875000
RUBOMYCIN C 1 see: HB7875000

VL9305700 RUBOMYCIN, DEOXYNUCLEATE complex
UPDT:8306
SYN: DNA-RUBOMYCIN complex * RUBOMYCIN-DNA complex
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:2500 ug/kg ANTBAL 26,361,81
RUBOMYCIN-DNA complex see: VL9305700
RUBOMYCIN, N-D-PHENYLALANYL- see: QI9293100
RUBOXYL-1 see: TN9792000
RUBOXYL-2 see: TN9793000
RUBRAMIN see: GG3750000
RUBRAMIN PC see: GG3750000
RUBRATOXIN B see: GX9275000
RUBRIMENT see: QT0850000
RUBRIPCA see: GG3750000
RUBROCITOL see: GG3750000
RUBRUM SCARLATINUM see: QL5775000

VM1170000 RUBUS ELLIPTICUS Smith, extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 9,91,71)
UPDT:8306
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:500 mg/kg IJEBA6 9,91,71

VM1180000 RUBUS MACILENTUS Camb., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:188 mg/kg IJEBA6 12,512,74

VM1185000 RUBUS MICROPETALUS Gardn., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

VM1190000 RUBUS MOLUCCANUS Linn., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: BIPEMKANTA EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 7,250,69

VM1195000 RUBUS NUTANTIFLORUS Hara, extract
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

VM1196000 RUBUS PANICULATUS Sm., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

VM1200000 RUBUS ROSACFOLIUS Sm., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74
RUCAINA see: AN7525000
RUCAINA HYDROCHLORIDE see: AN7600000
RUCOFLEX PLASTICIZER DOA see: AU9700000
RUCON B 20 see: KV0350000

VM1360000 RUDBECKIA BICOLOR Nutt., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 18,594,80)
UPDT:8412
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T27 orl-rat TDLo:150 mg/kg (12-14D preg) IJEBA6 18,594,80
1T24 orl-ham TDLo:500 mg/kg (1-5D preg) IJEBA6 18,594,80
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg IJEBA6 18,594,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
RUDOTEL see: DE9070000
RUDRAVANTI, extract (Indian) see: CJ1675000 ASTRAGALUS CANDOLLEANUS Royle, extract
RU-EF-TB see: NS1750000
RUELENE see: TB3850000
RUELENE DRENCH see: TB3850000
RUELENE 25E see: TB3850000

VM1605000 RUE OIL
UPDT:8305 CAS: 8014-29-7
SYN: OIL OF RUE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 13,455,75
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2070 mg/kg FCTXAV 13,455,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
RUFOCHROMOMYCIN see: TJ7350000
RUFOCROMOMYCINE see: TJ7350000

VM1610000 RUGULOSIN
UPDT:8401 CAS: 23537-16-8 MW: 540.50 MOLFM: C30-H20-O10
SYN: RADICALISIN * (+)-RUGULOSIN
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/7H JEPTDQ 2(2),313,78
mma-sat 18 mg/L/7H JEPTDQ 2(2),313,78
mrc-bcs 20 ug/disc CNREA8 36,445,76
mmo-smc 100 umol/L CPBTAL 22,2258,74
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-mus TDLo:4400 mg/kg/1Y-C ARMIAZ 26,279,72
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:44 mg/kg JJEMAG 41,177,71
ipr-mus LD50:55 mg/kg JJEMAG 41,177,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: LLOYA2 38(1),21,75; ARMIAZ 26,279,72
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
(+)-RUGULOSIN see: VM1610000
RUHMAL see: DM3110000
RUKSEAM see: KJ3325000
RUKTUPITA EXTRACT (Indian) see: YX4540600
RULENE see: TB3850000

VM1655000 RUM, (denatured)
UPDT:8308
SYN: NA 1986 (DOT) * RUM, DENATURED (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
RUMAPAX see: UQ8400000
RUM, DENATURED (DOT) see: VM1655000
RUMESTROL 1 see: WJ5600000
RUMESTROL 2 see: WJ5600000
RUMETAN see: ZH4900000

VM1693000 RUMEX ACETOSA Linn., root extract
DEF:Indian plant belonging to the family POLYGONACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1P02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

VM1695000 RUMEX DENTATUS Linn., extract
DEF:Indian plant belonging to the family POLYGONACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: JANGLI PALAK EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:750 mg/kg IJEBA6 7,250,69

VM1696000 RUMEX HASTATUS D. Don., extract
DEF:Indian plant belonging to the family POLYGONACEAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
3H30J30U26 ipr-mus LD50:400 mg/kg IJEBA6 7,250,69

VM1697000 RUMEX NEPALENSIS Spreng., extract
DEF:Indian plant belonging to the family POLYGONACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:1 gm/kg IJEBA6 15,208,77

VM1698000 RUMEX ORIENTALIS Bernh., root extract
DEF:Indian plant belonging to the family POLYGONACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78
RUN see: MV7350000
RUNA RH20 see: XR2275000
RUNCATEX see: UE9750000
RUOCID see: WO8575000
RUPHOS see: TE3350000

VM1975000 RUSCUS ACULEATUS L., alcohol extract
UPDT:8311
TOXICITY DATA AND REFERENCES:
* ivn-dog LDLo:830 mg/kg APFRAD 11,109,53
* ipr-gpg LDLo:2 gm/kg APFRAD 11,109,53
RUSSIAN COMFREY LEAVES see: WV0380000
RUSSIAN COMFREY ROOTS see: WV0390000
RUTABION see: VM2975000

VM2130000 RUTA GRAVEOLENS, extract
UPDT:8401
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:500 mg/kg (4D preg) CCPTAY 18,191,78
1T25 ims-rat TDLo:40 mg/kg (1D preg) CCPTAY 18,191,78
1T24 ims-rat TDLo:20 mg/kg (4D preg) CCPTAY 18,191,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
RUTERGAN HYDROCHLORIDE see: SO5425000
RUTGERS 612 see: MO2625000

VM2650000 RUTHENIUM CHLORIDE
UPDT:8401 CAS: 10049-08-8 MW: 207.42 MOLFM: Cl3-Ru
SYN: RUTHENIUM TRICHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:360 mg/kg EQSSDX 1,1,75
ipr-mus LD50:108 mg/kg TXAPA9 48,A112,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

VM2651000 RUTHENIUM CHLORIDE HYDROXIDE
UPDT:8402 CAS: 16845-29-7 MW: 224.43 MOLFM: Cl3-H-O-Ru
SYN: RUTHENIUMHYDROXIDE TRICHLORIDE * RUTHENIUM HYDROXYCHLORIDE * RUTHENIUM TRICHLORIDE HYDROXIDE
TOXICITY DATA AND REFERENCES:
3F07F17K01 orl-rat LD50:1250 mg/kg GTPZAB 23(6),54,79
* ihl-rat LCLo:9500 ug/m3 41HTAH -,36,78
3F07F17K01 orl-mus LD50:463 mg/kg GTPZAB 23(6),54,79
3F07F17K01 ipr-mus LD50:225 mg/kg GTPZAB 23(6),54,79
3F07F17K01 orl-gpg LD50:210 mg/kg GTPZAB 23(6),54,79

VM2651450 RUTHENIUM, DICHLOROTETRAKIS(METHYLSULFOXIDE)-
UPDT:8411 CAS: 11070-19-2 MW: 484.53 MOLFM: C8-H24-Cl2-O4-Ru-S4
SYN: DICHLOROTETRAKIS(METHYLSULFOXIDE)RUTHENIUM * RUTHENIUM, DICHLOROTETRAKIS(SULFINYLBIS(METHANE))- (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 125 ug/plate CBINA8 11,469,75
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg CBINA8 45,1,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
RUTHENIUM, DICHLOROTETRAKIS(SULFINYLBIS(METHANE))- (9CI) see: VM2651450
RUTHENIUMHYDROXIDE TRICHLORIDE see: VM2651000
RUTHENIUM HYDROXYCHLORIDE see: VM2651000

VM2654000 RUTHENIUM OXIDE
UPDT:8402 CAS: 12036-10-1 MW: 133.07 MOLFM: O2-Ru
TOXICITY DATA AND REFERENCES:
3F07F17F19 orl-rat LD50:4580 mg/kg GTPZAB 25(1),46,81
* ihl-rat LCLo:34 mg/m3 41HTAH -,36,78
3F07F17F19 orl-mus LD50:5570 mg/kg GTPZAB 25(1),46,81
3F07F17F19 ipr-mus LD50:3050 mg/kg GTPZAB 25(1),46,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
RUTHENIUM SALT of TETRAMETHYLPHENANTHRENE see: SF7925000
RUTHENIUM TRICHLORIDE see: VM2650000
RUTHENIUM TRICHLORIDE HYDROXIDE see: VM2651000

VM2800000 RUTICIN
UPDT:8309 CAS: 1393-17-5
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:20 mg/kg ABANAE 1,174,53/54
RUTILE see: XR2275000

VM2975000 RUTIN
UPDT:8412 CAS: 153-18-4 MW: 610.57 MOLFM: C27-H30-O16
SYN: BIOFLAVONOID * BIRUTAN * C.I. 75730 * ELDRIN * FLAVONE, 3,3',4',5,7-PENTAHYDROXY-, 3-(O-RHAMNOSYLGLUCOSIDE) * GLOBULARIACITRIN * GLOBULARICITRIN * GLUCOPYRANOSIDE, QUERCETIN-3 6-O-(6-DEOXY-alpha-L-MANNOPYRANOSYL)-, beta-D- * GLUCOPYRANOSIDE, QUERCETIN-3 6-O-alpha-L-RHAMNOPYRANOSYL-, beta-D * ILIXATHIN * MELIN * MYRTICALORIN * MYRTICOLORIN * MYTICOLORIN * OSYRITIN * OSYRITRIN * OXYRITIN * PALIUROSIDE * 3,3',4',5,7-PENTAHYDROXYFLAVONE-3-RUTINOSIDE * PHYTOMELIN * QUERCETIN, 3-(6-0-(6-DEOXY-alpha-L-MANNOPYRANOSYL-beta-D-GLUCOPYRANOSIDE) * QUERCETIN 3-RHAMNOGLUCOSIDE * QUERCETIN RHAMNOGLUCOSINE * QUERCETIN, 3-(6-O-alpha-L-RHAMNOPYRANOSYL-beta-D-GLUCOPYRANOSIDE) * QUERCETIN 3-RUTINOSIDE * RUTABION * RUTINIC ACID * RUTINOSIDE, 2-(3,4-DIHYDROXYPHENYL)-5,7-DIHYDROXY-4-OXO-4H-1-BENZOPYRAN-3-YL * RUTINOSIDE, QUERCETIN-3, beta- * RUTOSIDE * RUTOZYD * SOPHORIN * TANRUTIN * USAF CF-5 * VIOLAQUERCITRIN * VITAMIN P
MUTATION DATA AND REFERENCES:
mmo-sat 2 mg/plate MUREAV 66,223,79
mma-sat 100 ug/plate MUREAV 58,231,78
dnr-esc 100 mg/L FCTXAV 18,223,80
slt-dmg-unk 71300 ppm/48H MUREAV 120,233,83
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:973 gm/kg/3Y-C PAACA3 25,95,84
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:2000 mg/kg EKMMA8 19,207,80
ipr-mus LD50:200 mg/kg NTIS** AD277-689
* ivn-mus LD50:950 mg/kg JAPMA8 39,556,60
* ipr-gpg LD50:2000 mg/kg EKMMA8 19,207,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
RUTINIC ACID see: VM2975000
RUTINOSIDE, 2-(3,4-DIHYDROXYPHENYL)-5,7-DIHYDROXY-4-OXO-4H-1-BENZOPYRAN-3-YL see: VM2975000
RUTINOSIDE, QUERCETIN-3, beta- see: VM2975000
RUTOSIDE see: VM2975000
RUTOZYD see: VM2975000
RUTRALIN see: BW9500000
RV225-58 see: AK0920000
Rx 67408 see: CY1577850

RYANEXEL see: VM4025000

VM4025000 RYANIA
UPDT:8309 CAS: 15662-33-6 MW: 493.61 MOLFM: C25-H35-N-O9
SYN: BONIDE RYATOX * GROUND RYANIA SPECISA(VAHL) STEMWOOD (ALKOLOID RYANODINE) * RYANEXEL * RYANIA POWDER * RYANIA SPECIOSA * RYANICIDE * RYANODINE

TOXICITY DATA AND REFERENCES:

orl-hmn LDLo:143 mg/kg	34ZIAG -,522,69
orl-rat LD50:750 mg/kg	WRPCA2 9,119,70
skn-rat LD50:750 mg/kg	SPEADM 78-1,6,78
orl-mus LD50:650 mg/kg	JPETAB 93,407,48
orl-dog LD50:150 mg/kg	JPETAB 93,407,48
orl-rbt LD50:650 mg/kg	GUCHAZ 6,450,73
orl-gpg LD50:2500 mg/kg	JPETAB 93,407,48

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

RYANIA POWDER see: VM4025000
RYANIA SPECIOSA see: VM4025000
RYANICIDE see: VM4025000
RYANODINE see: VM4025000
RYCELAN see: WO9350000
RYCELON see: WO9350000
RYKELLIN see: LV1050000
RYLAM see: FC5950000
RYOMYCIN see: QI7875000
RYSER see: ZG0350000
RYTHMODAN see: UR8440000
RYTHMOL see: SJ7800000
RYTHRITOL see: RZ2620000
RYTMALIN see: AX8050000
RYURENE S 8008 see: KV0350000
RYZELAN see: WO9350000
R-3-ZON see: UQ8225000
S 1 see: PB6300000
S 5 see: TK7912030
S-6 see: NM2080000
S-7 see: TB1735000
S 13 see: AF5960000
S-14 see: TD4025000
S-33 see: SH0875000
S 46 see: YU1225000
S 47 see: UU4728000
S51 see: KR6825000
S 58 see: SH4950000
S 61 see: KV0350000
S-62 see: SH1225000
S 70 see: KV0350000
S 77 see: SH1150000
S115 see: QT0525000
S 125 see: QK5950000
S 131 see: VB0895000
S 140 see: NS5950000
S 151 see: WI4100000
S 173 see: WL6475000
S 202 see: AN7600000
S 222 see: KK7400000
S 276 see: TD9275000
S 322 see: AE1974100
S 352 see: AD9825000
S 354 see: AE3940000
S 357 see: AE1856000
S 359 see: AD8653000
S 375 see: TM3537000
S 376 see: TM3538000
S 377 see: TM3539000
S 378 see: QD6495200
S 383 see: TM3536000
S 384 see: UX9664000
S 385 see: TL1495000
S 388 see: TM3535000
S 390 see: UE4935000
S 391 see: ES5239000
S 392 see: YV8186000
S 395 see: UE4936000
S410 see: TG1575000
413S see: UD1842000
S-488 see: NJ5760000
S-578 see: XI0337000
S 62-2 see: SH1225000
S 767 see: TF3850000
S-770 see: TF6600000
S-805 see: HQ4025000
S 813 see: DG1501000
S 816 see: GF9180000
S-847 see: FD7700000
S 901 see: KV0350000
S 940 see: QK5775000
S 1004 see: TQ5800000
S 1006 see: MD0880000
S 1009 see: TQ4375000
S 1013 see: TQ4375000
S 1016 see: TQ5800000
S 1042 see: TQ5800000
S-1046 see: FC8750000
S 1132 see: MD0880000
S-1358 see: FG3414500
S 1520 see: CV2449850
S 1530 see: DF2410000
S 1544 see: MV8750000
S 1752 see: TF9625000
S-1809 see: TG2920000
S 1942 see: TE7175000
S 2225 see: TE7000000
S.2-676 see: WH1310400
S.2-700 see: WH1311900
S.2-705 see: WG9634000
S.2-712 see: WH1310300
S.2-733 see: WH1316890
S.2-765 see: WG9865000
S.2-771 see: WH1317190
S.2-787 see: QJ3430000
S.2-792 see: WH1311400
S.2-798 see: WH1310500
S 2803 see: AK0950000
S.2-823 see: WH1317170
S.2-827 see: WH1310600
S.2-840 see: WH1316930
S.2-846 see: WH1312100
S.2-870 see: WH1310800
S.2-871 see: WH1311100
S.2-913 see: WH1312300
S 2940 see: AI7875000
S 2957 see: TF1590000
S.2-961 see: WH1310900
S-3151 see: GZ1255000
S 3206 see: GZ2090000
S-3349 see: TF0460000
S-3440 see: TU4058000
S-3850 see: TU3775000
S 4004 see: TM2976100
S 4084 see: TF7600000
S 4087 see: TB1750000
S 4400 see: TB0700000
S 4706 see: TA6125000
S 5602 see: CY1576350
S-5655 see: CY1576360
S 5660 see: TG0350000
S-6115 see: XY5380000
S6176 see: EZ7290000
S 6437 see: XI0350000
S-6538 see: TF6125000
S6876 see: TF8050000
S 6900 see: TE1050000
S-6,999 see: RB8750000
S 7131 see: GZ2150000
S 8527 see: ES8900000
S-9115 see: XY5380000
S 9-888 see: TM2665000
S 10165 see: UE4900000
10275-S see: KC1035000
10364S see: BV8044500
S-15076 see: EZ7290000
S-15126 see: OO3737000
S.2-1046 see: WH1310700
S 22012 see: YR8985000
31252-S see: TM9850100
31252-S see: TM9850000
31252-S see: TM9849900
S 40045-9 see: DO6526000
45-0088-S see: AD8227000
S 73 4118 see: DG3102000
SA see: VO0525000
SA 33 see: AE2330000
SA 34 see: AE2357000
SA 35 see: AE2355000
SA 36 see: AE2268000
SA 48 see: AE2195000
SA 49 see: AE2198000
SA 61 see: UE4990000
SA 62 see: ES5241500
SA 64 see: CV8660000
SA 65 see: AE2265000
SA 66 see: MC3030000
SA 67 see: GD7477000
SA96 see: HA2420000
SA 105 see: AE2062000
S 112A see: TG0350000
SA 117 see: LQ4673000
SA 118 see: AE1974370
SA 119 see: GQ2454000
SA 130 see: GD7469000
SA 149 see: MW4930000
SA 164 see: ES5242000
SA 167 see: GD7468000
SA 251 see: GD7477500
SA 267 see: BR1210000
SA 546 see: SP6800000
S-1102A see: TG0350000
S.2-790A see: MU2630000
SABACIDE see: YX5950000
SABADILLA see: YX5950000
SABADININE see: FL4550000
SABANE DUST see: YX5950000
SABARI see: TL1970000

VM8840000 SABATINE
DEF:An alkaloid extracted from one of the crude fractions of sabadilla seed (JAPMAB 40,168,51)
UPDT:8405 MW: 537.77 MOLFM: C29-H47-N-O8

TOXICITY DATA AND REFERENCES:

3F17J26K30	ivn-mus LD50:8950 ug/kg	JAPMAB 40,168,51

VM8880000 SABIA LANCEOLATA Colebr., extract excluding roots
DEF:Indian plant belonging to the family SABIACEAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:

2M10U26	ipr-mus LD50:46 mg/kg	IJEBA6 15,208,77

VM8890000 SABIA LIMONIACEAE Wall., extract excluding roots
DEF:Indian plant belonging to the family SABIACEAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:

2U26V30	ipr-mus LD50:750 mg/kg	IJEBA6 15,208,77

SACARINA see: DE4200000
SACCHARATED FERRIC OXIDE see: NO7700000
SACCHARATED IRON see: NO7700000
SACCHARIMIDE see: DE4200000
SACCHARIN see: DE4200000
SACCHARINA see: DE4200000
SACCHARIN ACID see: DE4200000
SACCHARIN CALCIUM see: DE4250000
SACCHARINE see: DE4200000
SACCHARINE SOLUBLE see: DE4550000

SACCHARIN INSOLUBLE see: DE4200000
SACCHARINNATRIUM see: DE4550000
SACCHARINOL see: DE4200000
SACCHARINOSE see: DE4200000
SACCHARIN, SODIUM see: DE4550000
SACCHARIN, SODIUM SALT see: DE4550000
SACCHARIN SOLUBLE see: DE4550000
SACCHAROIDUM NATRICUM see: DE4550000
SACCHAROL see: DE4200000
SACCHAROSE see: WN6500000
SACCHARUM see: WN6500000
SACCHARUM LACTIN see: OD9625000
SACERIL see: MU1050000
SACERIL see: MU1400000
SACERNO see: MU2275000
SACHSISCHBLAU see: DU3000000
SACROMYCIN see: BE5950000
SAD see: EC2460000
SAD 122 see: UU6855250
SAD 126 see: UU6818000
SAD-128 see: UU6815000
SADA see: LS9617000 FUMARIA OFFICINALIS, alkaloidal extract
SAD 108a see: UU6855200
SAD 116a see: UU6855100
SAD 126a see: UU6817000
SAD 128a see: UU6813500
SADAMIN see: QT1500000
SADANYL see: TZ0175000
SADH see: WM9625000
SADOFOS see: WM8400000
SADOPHOS see: WM8400000
SADOPLON see: JO1400000
SADOREUM see: NL3500000
SAEURE FLUORIDE (German) see: LM6475000
SAFACRIL, combustion products see: AT6975000
SAFAIDMURGHA EXTRACT (Indian) see: FJ7370000
SAFARITONE YELLOW G see: AC3662000
SAFED DHOK EXTRACT (Indian) see: CA1600000
SAFE-N-DRI see: BD1450000
SAFED SERISH EXTRACT (Indian) see: AY8932300
SAFFAN see: TU4157230

VN2265000 SAFRAMYCIN A
UPDT:8405 CAS: 66082-27-7 MW: 562.63 MOLFM: C29-H30-N4-O8
MUTATION DATA AND REFERENCES:
cyt-ham:lng 160 ug/L GMCRDC 27,95,81
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:4900 ug/kg GANNA2 71,790,80
1V30 ivn-mus LD50:3300 ug/kg GANNA2 71,790,80

SAFRANIN see: SG1623000
SAFRANINE see: SG1623000
SAFRANINE A see: SG1623000
SAFRANINE B see: SG1623000
SAFRANINE G see: SG1623000
SAFRANINE GF see: SG1623000
SAFRANINE J see: SG1623000
SAFRANINE O see: SG1623000
SAFRANINE OK see: SG1623000
SAFRANINE SUPERFINE G see: SG1623000
SAFRANINE T see: SG1623000
SAFRANINE TH see: SG1623000
SAFRANINE TN see: SG1623000
SAFRANINE Y see: SG1623000
SAFRANINE YN see: SG1623000
SAFRANINE ZH see: SG1623000
SAFRANIN T see: SG1623000
SAFRININ B EXTRA see: SG1630000
SAFROL see: CY2800000
SAFROLE see: CY2800000
SAFROLE, DIHYDRO- see: DA6125000
SAFROLE MF see: CY2800000
SAFROTIN see: GQ4750000
SAFSAN see: VV8410000
SAGAMICIN see: WK2180000
SAGAMICIN (OBS.) see: WK2180000
SAGATAL see: CQ6125000

VN3000000 SAGE EXTRACT
UPDT:8310
MUTATION DATA AND REFERENCES:
dni-hmn:lym 2500 ppm CNREA8 39,4802,79

SAGE OIL see: VN3015000
SAGE OIL CLARY see: GF1170000

VN3015000 SAGE OIL DALMATIAN
UPDT:8305 CAS: 8022-56-8
SYN: DALMATIAN SAGE OIL * SAGE OIL * SALBEI OEL (German)
IRRITATION DATA AND REFERENCES:
skn-hmn 100% FCTXAV 12,987,74
skn-rbt 500 mg/24H MOD FCTXAV 12,987,74
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2600 mg/kg FCTXAV 12,987,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VN3016000 SAGERETIA OPPOSITIFOLIA Brongn., extract excluding roots
DEF:Indian plant belonging to the family RHAMNACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: BAGLOI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:6 mg/kg IJEBA6 11,43,73

VN3017500 SAGITTARIA GUAYANENSIS H.B. & K., extract
DEF:Indian plant belonging to the family ALISMACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

VN3018000 SAGITTARIA SAGITTIFOLIA Linn., extract
DEF:Indian plant belonging to the family ALISMACEAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

VN3020000 SAGRADO
UPDT:8401
SYN: CHENOPODIUM ambrosioides * JERUSALEM OAK * WORMWOOD PLANT
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:2320 mg/kg/58W-I JNCIAM 60,683,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SAH see: VN5250000
SAH 22 see: BD0180000
SaH-42-348 see: AF5471000
SAHAJAN ROOT BARK EXTRACT (Indian) see: QC5258000
SAHREKKUSU see: AT6978000
SAICLATE see: OO8200000
SA III see: WO9275000
SAIN-KANTA EXTRACT (Indian) see: AA7687500
SAIPHOS see: TD5600000
SAISAN see: NY2800000
SAITOMYCIN see: HA5375000
SAKOLYSIN (German) see: AY3600000
SAKUNOL SN 08 see: AK0920000
SAL see: DO6430000
SALACETIN see: VO0700000

VN3680000 SALACIA MACROSPERMA Wight, extract excluding roots
DEF:Indian plant belonging to the family HIPPOCRATEACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: DHAWAS EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:500 mg/kg IJEBA6 11,43,73

VN3681000 SALACIA PRINOIDES, leaf or stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg CPBTAL 13,882,65

VN3682000 SALACIA ROXBURGHII Wall., extract excluding roots
DEF:Indian plant belonging to the family HIPPOCRATEACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: SATRANGI EXTRACT
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:200 mg/kg IJEBA6 11,43,73

SALAMID see: VN6475000
SALAMIDE see: VN6475000
SAL AMMONIA see: BP4550000
SAL AMMONIAC see: BP4550000
SALAMMONITE see: BP4550000
SALAZOLON see: VO1740000
SALAZOPYRIN see: VO6250000
SALAZOSULFAPYRIDINE see: VO6250000
SALBEI OEL (German) see: VN3015000
SALBUTAMOL see: ZE4400000
SALBUTAMOL HEMISULFATE see: CZ6430100
SALBUTAMOL SULFATE see: CZ6430100
SALCETOGEN see: VO0700000
SAL DE MERCK see: YM3050000
SALE DI BISMUTO DELL'ACIDO DIFENILILACRILICO (Italian) see: GE0407000
SALE DI (+-)-LISINA DELL'ACIDO 2-(4-(2H-INDAZOL-2-IL)FENIL)PROPIONICO (Italian) see: UF4894800
SAL ENIXUM see: TS7200000
SALE SODICO del ACIDO DEIDROYODESOSSICOLICO (Italian) see: FZ2258000
SALE SODICO del ACIDO YODESOSSICOLICO (Italian) see: FZ2249000
SALE SODICO del L'ACIDO 6-METIL-4-OSSIPIRIMIDIN-2-alpha-TIOISOBUTIRRICO (Italian) see: UF1545000
SALE SODICO DELL'ESTERE FTALICO del FENILETILCARBINOLO (Italian) see: TI2058000
SALE SODICO dell'ESTERE SOLFORICO del PARA-OSSIPROPIOFENONE (Italian) see: UH2835000
SAL ETHYL see: VO3000000
SALETIN see: VO0700000
SALGYDAL see: AM4375000

VN4800000 SALI
DEF:Aqueous extract from the dried leaves of the plant (JNCIAM 46,1131,71)
UPDT:8401
SYN: HELIOTROPIUM TERNATUM * H. TERNATUM
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:300 gm/kg/1Y-I JNCIAM 46,1131,71
2V03K60 orl-ham TDLo:56 gm/kg/70W-I JNCIAM 53,1259,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SALIAMIN see: VN6475000

VN4906000 SALICALDEHYDE, 3,5-DIIODO-, ACETATE (ester)
UPDT:8311 MW: 415.95 MOLFM: C9-H6-I2-O3
SYN: ALDEHYDE DIIODO-3,5 ACETYLSALICYLIQUE (French) * 3,5-DIIODOSALICALDEHYDE ACETATE (ester)
TOXICITY DATA AND REFERENCES:
3F07F24J22 orl-mus LD50:1650 mg/kg APFRAD 7,317,49

VN4907000 SALICALDEHYDE, 3,5-DIIODO-, SODIUM SALT
UPDT:8311 MW: 396.90 MOLFM: C7-H4-I2-O2 .Na
SYN: ALDEHYDE DIIODO-3,5 SALICYLIQUE SODIQUE (French) * 3,5-DIIODOSALICALDEHYDE SODIUM SALT
TOXICITY DATA AND REFERENCES:
3F07F24J22 orl-mus LD50:530 mg/kg APFRAD 7,163,49
3F07F24J22 scu-mus LD50:430 mg/kg APFRAD 7,163,49

SALICILAMIDE (Italian) see: VN6475000
SALICIM see: VN6475000
SALICINE BLUE BLACK AEF see: QK2195000
SALICOL see: GA6475000
SALICRESIN FLUID see: OW0350000
SALICYLADEHYDE see: VN5250000
SALICYLAL see: VN5250000
SALICYL ALCOHOL see: DO6430000

VN5250000 SALICYLALDEHYDE
UPDT:8403 CAS: 90-02-8 MW: 122.13 MOLFM: C7-H6-O2
SYN: BENZALDEHYDE, o-HYDROXY- * o-FORMYLPHENOL * 2-FORMYLPHENOL * o-HYDROXYBENZALDEHYDE * 2-HYDROXYBENZALDEHYDE * SAH * SALICYLADEHYDE * SALICYLAL * SALICYLIC ALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,903,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T35T43 scu-rat TDLo:400 mg/kg (11D preg) RCOCB8 38,209,82
1T46 scu-rat TDLo:400 mg/kg (11D preg) RCOCB8 38,209,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:520 mg/kg FCTXAV 17,903,79
* skn-rat LD50:600 mg/kg FCTXAV 17,903,79
* scu-rat LD50:900 mg/kg FCTXAV 17,903,79
* skn-rbt LD50:3000 mg/kg FCTXAV 17,903,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SALICYLALDEHYDE METHYL ETHER see: BZ2610000
SALICYLAMID see: VN6475000

VN6475000 SALICYLAMIDE
UPDT:8406 CAS: 65-45-2 MW: 137.15 MOLFM: C7-H7-N-O2

SYN: ACKET * AFKO-SAL * ALGAMON * ALGIAMIDA * AMIDOSAL * AMID-SAL * ANAMID * BENESAL * BENZAMIDE, o-HYDROXY- * BENZAMIDE, 2-HYDROXY- * CIDAL * DOLOMIDE * DROPSPRIN * H.P. 34 * o-HYDROXYBENZAMIDE * 2-HYDROXYBENZAMIDE * LIQUIPRIN * NOVECYL * OHB * ORAMID * PANITHAL * RASPBERIN * SALAMID * SALAMIDE * SALIAMIN * SALICILAMIDE (Italian) * SALICYLAMID * SALICIM * SALIPUR * SALIZELL * SALRIN * SALYMID * SAM * SAMID * URTOSAL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T46	orl-rat TDLo:7 gm/kg (5-11D preg)	TJADAB 18,17,78
2T34T31	orl-rat TDLo:7 gm/kg (12-18D preg)	TJADAB 18,17,78
3T41T45T55	orl-ham TDLo:762 mg/kg (9-10D preg)	JEZOAO 156,197,64
1T25	orl-ham TDLo:762 mg/kg (9-10D preg)	JEZOAO 156,197,64

TOXICITY DATA AND REFERENCES:

3F05F07J25	orl-rat LD50:980 mg/kg	JAPMA8 47,479,58
	ipr-rat LD50:600 mg/kg	JPETAB 108,450,53
3F07J25J30	orl-mus LD50:1200 mg/kg	JAPMA8 47,479,58
*	ipr-mus LD50:180 mg/kg	BCFAAI 111,293,72
	ivn-mus LD50:313 mg/kg	JPETAB 101,119,51
	ipr-dog LDLo:1000 mg/kg	JPETAB 101,119,51
	ipr-cat LDLo:1000 mg/kg	JPETAB 101,119,51
	orl-rbt LDLo:3000 mg/kg	JPETAR 89,205,47
	ipr-rbt LDLo:1000 mg/kg	JPETAB 101,119,51
3F05F07F11	orl-gpg LD50:1730 mg/kg	JAPMA8 47,479,58
	ipr-gpg LDLo:1000 mg/kg	JPETAB 101,119,51

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: NTIS** PB282-666

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VN7007000 SALICYLAMIDE, N-(7-BUTYL-4,9-DIMETHYL-2,6-DIOXO-8-HYDROXY-1,5-DIOXONAN-3-YL)-3-FORMAMIDO-

DEF:Produced by STREPTOCYCES SP. 5140-A1 (JANTAJ 29,804,76)

UPDT:8409 MW: 436.51 MOLFM: C21-H28-N2-O8

SYN: BLASTMYCIN, DEISOVALERY- * DEISOVALERYLBLASTMYCIN

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:25 mg/kg	JANTAJ 29,804,76
*	ivn-mus LD50:15 mg/kg	JANTAJ 29,804,76

VN7050000 SALICYLAMIDE, N-BUTYL-3-PHENYL-

UPDT:8405 MW: 269.37 MOLFM: C17-H19-N-O2

SYN: N-n-BUTYL-3-PHENYLSALICYLAMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:2400 mg/kg	JAPMA8 45,342,56
*	ipr-mus LD50:1850 mg/kg	JAPMA8 45,342,56

SALICYLAMIDE, 5-(1-HYDROXY-2-((1-METHYL-3-PHENYLPROPYL)AMINO)ETHYL)-, HYDROCHLORIDE see: CV5376000

SALICYLANILIDE, 5-CHLORO-3-(4-CHLOROPHENYL)-4'-FLUORO-2'-METHYL- see: DV2050000

VN7885000 SALICYLANILIDE, 4'-CHLORO-3,5-DIIODO-, ACETATE ESTER

UPDT:8405 CAS: 14437-41-3 MW: 541.51 MOLFM: C15-H10-Cl-I2-N-O3

SYN: ACETOXY-4'-CHLORO-3,5-DIIODOBENZANILIDE * 2-(ACETYLOXY)-N-(4-CHLOROPHENYL)-3,5-DIIODOBENZAMIDE * BENZAMIDE, 2-(ACETYLOXY)-N-(4-CHLOROPHENYL)-3,5-DIIODO- * 4'-CHLORO-3,5-DIIODOSALICYLANILIDE ACETATE * C.I. 633 * CLIOXANIDE * CN 59,567 * SYD 230 * TREMERAD

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:720 mg/kg	AUVJA2 46,297,70
	orl-dom LD50:414 mg/kg	AUVJA2 46,297,70

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SALICYLANILIDE, 3-(4-CHLOROPHENYL)-4',5-DICHLORO- see: DV1800000

VN8230000 SALICYLANILIDE, 3,4'-DIBROMO-5-CHLOROTHIO-, ACETATE (ester)

UPDT:8307 CAS: 23233-88-7 MW: 463.59 MOLFM: C15-H10-Br2-Cl-N-O2-S

SYN: BAY 4059 * BAY-VA 4059 * BENZENECARBOTHIOAMIDE, 2-(ACETYLOXY)-3-BROMO-N-(4-BROMOPHENYL)-5-CHLORO- * BENZOIC ACID, 2-BROMO-6-(N-(p-BROMOPHENYL)THIOCARBAMOYL)-4-CHLORO- * BROTIANIDE * 3,4'-DIBROMO-5-CHLOROTHIOSALICYLANILIDE ACETATE (ester) * DIRIAN

TOXICITY DATA AND REFERENCES:

1F17	orl-rat LD50:3000 mg/kg	APFRAD 33,273,75
1J22	orl-mus LD50:184 mg/kg	APFRAD 33,273,75
*	orl-rbt LD50:50 mg/kg	APFRAD 33,273,75
	orl-dom LD50:40 mg/kg	FAZMAE 17,108,73

VN8400000 SALICYLANILIDE, 2',5-DICHLORO-4'-NITRO-

UPDT:8309 CAS: 50-65-7 MW: 327.13 MOLFM: C13-H8-Cl2-N2-O4

SYN: BAY 2353 * BAYER 73 * BAYER 2353 * BAYLUSCID * BENZAMIDE, 5-CHLORO-N-(2-CHLORO-4-NITROPHENYL)-2-HYDROXY- * CHEMAGRO 2353 * 5-CHLORO-2'-CHLORO-4'-NITROSALICYLANILIDE * 2-CHLORO-4-NITROPHENYLAMIDE-6-CHLOROSALICYLIC ACID * N-(2-CHLORO-4-NITROPHENYL)-5-CHLOROSALICYLAMIDE * CLONITRALID * 2',5-DICHLORO-4'-NITROSALICYLANILIDE * 2',5-DICHLOR-4'-NITRO-SALIZYLSAEUREANILID (German) * DICHLOSALE * ENT 25823 * FENASAL * HL 2447 * 2-HYDROXY-5-CHLORO-N-(2-CHLORO-4-NITROPHENYL)BENZAMIDE * IOMESAN * IOMEZAN * NICLOSAMIDE * PHENASAL * VERMITIN * YOMESAN

MUTATION DATA AND REFERENCES:

	mma-sat 5 ug/plate	MUREAV 117,79,83
	bfa-mus/sat 153 mg/kg	MUREAV 117,79,83

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:10 gm/kg	ZTMPA5 13,1,62
	ipr-rat LD50:250 mg/kg	ZTMPA5 13,1,62
	orl-mus LD50:1000 mg/kg	85DPAN -,-,71/76
	ivn-mus LD50:15 mg/kg	ZTMPA5 13,1,62

VN8575000 SALICYLANILIDE, 2',5-DICHLORO-4'-NITRO-, compd. with 2-AMINOETHANOL (1:1)

UPDT:8412 CAS: 1420-04-8 MW: 388.23 MOLFM: C13-H8-Cl2-N2-O4 .C2-H7-N-O

SYN: BAYER 73 * BAYER 25648 * BAYLUSCID * BAYLUSCIDE * 5-CHLORO-N-(2-CHLORO-4-NITROPHENYL)-2-HYDROXYBENZAMIDE compd. with 2-AMINOETHANOL (1:1) * CLONITRALID * 2',5-DICHLORO-4'-NITROSALICYLANILIDE, 2-AMINOETHANOL SALT * 5,2'-DICHLORO-4'-NITROSALICYLANILIDE, ETHANOLAMINE SALT * 5,2-DICHLORO-4-NITROSALICYLIC ANILIDE 2-AMINOETHANOL SALT * 2',5-DICHLORO-4'-NITROSALICYLOYLANILIDE ETHANOLAMINE SALT * ETHANOLAMINE SALT of 5,2'-DICHLORO-4'-NITROSALICYCLICANILIDE * M 73 * NCI-C00431 * MOLLUSCICIDE BAYER 73 * NICLOSAMIDE * SALICYLANILIDE, 2',5-DICHLORO-4-NITRO-, ETHANOLAMINE SALT * SR 73

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:500 mg/kg	85ARAE 3,103,76
	ipr-rat LD50:250 mg/kg	GUCHAZ 6,126,73

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:MOUSE (NCITR* NCI-CG-TR-91,78)

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-91,78)

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SALICYLANILIDE, 2',5-DICHLORO-4-NITRO-, ETHANOLAMINE SALT see: VN8575000

VN8925000 SALICYLANILIDE, 3,4',5-TRIBROMO-

UPDT:8309 CAS: 87-10-5 MW: 449.95 MOLFM: C13-H8-Br3-N-O2

SYN: ASC-4 * BENZAMIDE, 3,5-DIBROMO-N-(4-BROMOPHENYL)-2-HYDROXY- * 3,5-DIBROMO-N-(4-BROMOPHENYL)-2-HYDROXYBENZAMIDE * ENT 25516 * ET-394 * NSC-20526 * POLYBROMINATED SALICYLANILIDE * STECKER ASC-4 * TBS * TBS 95 * TEMASEPT II * TEMASEPT * TRIBROMSALAN * 3,4',5-TRIBROMOSALICYLANILIDE * TUASOL 100 * TUASAL 100

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:410 mg/kg	IMSUAI 39,56,70

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VN9110000 SALICYLANILIDE, 3,4',5'-TRIIODO-

UPDT:8406 CAS: 14437-45-7 MW: 590.92 MOLFM: C13-H8-I3-N-O2

SYN: TRIIODOSALICYLANILIDE * 3,4',5'-TRIIODOSALICYLANILIDE

TOXICITY DATA AND REFERENCES:

3F07F17F18	ipr-mus LD50:75 mg/kg	JMCMAR 13,981,70

SALICYLATE of 8-OXYQUINOLINE see: VC8257000

SALICYLAZOSULFAPYRIDINE see: VO6250000

SALICYL-DIAETHYL (German) see: VO1925000

VO0525000 SALICYLIC ACID

UPDT:8408 CAS: 69-72-7 MW: 138.13 MOLFM: C7-H6-O3

SYN: ACIDO SALICILICO (Italian) * BENZOIC ACID, 2-HYDROXY- * o-HYDROXYBENZOIC ACID * 2-HYDROXYBENZOIC ACID * KERALYT * ORTHOHYDROXYBENZOIC ACID * RETARDER W * SA * SAX

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MLD	BIOFX* 21-3/71
	eye-rbt 100 mg SEV	BIOFX* 21-3/71

MUTATION DATA AND REFERENCES:

	mmo-smc 1 mmol/L/3H	MUREAV 60,291,79
	dni-mus-orl 100 mg/kg	MUREAV 46,305,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T16	orl-rat TDLo:40 mg/kg (20-21D preg)	PRGLBA 4,93,73
3T13T25T26	orl-rat TDLo:1050 mg/kg (8-14D preg)	SEIJBO 13,73,73
3T41T43T46	orl-rat TDLo:1050 mg/kg (8-14D preg)	SEIJBO 13,73,73
2T34T46	orl-rat TDLo:700 mg/kg (8-14D preg)	SKEZAP 14,549,73
1T31	orl-rat TDLo:350 mg/kg (8-14D preg)	SKEZAP 14,549,73
3T25T34T59	scu-rat TDLo:380 mg/kg (9D preg)	BCPCA6 22,407,73
2T25T34	orl-mus TDLo:1 gm/kg (17D preg)	APTOA6 35,107,74
1T46	orl-mus TDLo:500 mg/kg (9D preg)	APTOA6 35,107,74

TOXICITY DATA AND REFERENCES:

1D41	skn-man TDLo:57 mg/kg	JAMAAP 244,660,80
	orl-rat LD50:891 mg/kg	BIOFX* 21-3/71
	orl-mus LD50:480 mg/kg	HBTXAC 5,148,59
*	ipr-mus LD50:1500 mg/kg	ZENBAX 6b,183,51
2G10F18	scu-mus LD60:520 mg/kg	AIPTAK 38,9,30
1F12	ivn-mus LD50:184 mg/kg	YKKZAJ 91,550,71
	orl-cat LD50:400 mg/kg	HBTXAC 5,148,59
*	orl-rbt LD50:1300 mg/kg	NIIRDN 6,291,82
	scu-rbt LDLo:6 gm/kg	HBAMAK 4,1392,35

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AIPTAK 34,173,28

STATUS:

★ Used as a rubber retarder

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

m-SALICYLIC ACID see: DH1924980

p-SALICYLIC ACID see: DH1925000

VO0700000 SALICYLIC ACID, ACETATE

UPDT:8412 CAS: 50-78-2 MW: 180.17 MOLFM: C9-H8-O4

SYN: ACENTERINE * ACESAL * ACETAL * ACETICYL * ACETILSALICILICO * ACETILUM ACIDULATUM * ACETISAL * ACETOL * ACETONYL * ACETOPHEN * ACETOSAL * ACETOSALIC ACID * ACETOSALIN * o-ACETOXYBENZOIC ACID * 2-ACETOXYBENZOIC ACID * ACETYLIN * 2-(ACETYLOXY)BENZOIC ACID * ACETYLSAL * ACETYLSALICYLIC ACID * ACIDO ACETILSALICILICO (Italian) * ACIMETTEN * ACETYLSALICYLSAURE (German) * ACIDE ACETYLSALICYLIQUE (French) * ACIDO O-ACETIL-BENZOICO (Italian) * ACIDUM ACETYLSALICYLICUM * ACISAL * ACYLPYRIN * ASA * A.S.A. * A.S.A. EMPIRIN * ASAGRAN * ASATARD * ASPALON * ASPERGUM * ASPIRDROPS * ASPIRIN * ASPIRINE * ASPRO * ASTERIC * AC 5230 * BENASPIR * ENTERICIN * EXTREN * BIALPIRINIA * CAPRIN * o-CARBOXYPHENYL ACETATE * COLFARIT * CONTRHEUMA RETARD * CRYSTAR * DELGESIC * DOLEAN pH 8 * DURAMAX * ECM * ECOTRIN * EMPIRIN * ENDYDOL * ENTEROPHEN * ENTEROSARINE * ENTROPHEN * GLOBOID * HELICON * IDRAGIN * MEASURIN * NEURONIKA * NOVID * POLOPIRYNA * RHEUMIN TABLETTEN * RHODINE * SALACETIN * SALCETOGEN * SALETIN * SOLPYRON * XAXA

MUTATION DATA AND REFERENCES:

	cyt-hmn:fbr 100 mg/L	ACYTAN 16,41,72
	cyt-hmn:leu 100 ug/L	SCIEAS 171,829,71
	cyt-hmn:lym 10 mg/L	BEXBAN 78,1194,74
	otr-rat:emb 108 ug/plate	JJATDK 1,190,81
	cyt-ham:lng 1660 mg/L	GMCRDC 27,95,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T16	orl-wmn TDLo:17550 mg/kg (12-39W preg)	LANCAO 2,1159,73
1T77	orl-wmn TDLo:100 mg/kg (37W preg)	NEJMAG 307,909,82
3T47T49T74	orl-wmn TDLo:17280 mg/kg (1-39W preg)	JOPDAB 92,478,78
1T14	unk-wmn TDLo:1200 mg/kg (20D pre)	CCPTAY 29,181,84
2T25T35	orl-rat TDLo:1 gm/kg (12D preg)	TJADAB 27,261,83
1T02	orl-rat TDLo:2100 mg/kg (14D male)	IJEBA6 18,1408,80
1T35	orl-rat TDLo:500 mg/kg (9D preg)	ANREAK 163,175,69
1T34	orl-rat TDLo:200 mg/kg (9D preg)	TJADAB 16,127,77
3T16T71T72	orl-rat TDLo:10 mg/kg (22D preg)	NATUAS 240,21,72
3T41T42T46	orl-rat TDLo:500 mg/kg (9D preg)	ANREAK 163,175,69
1T46	orl-rat TDLo:125 mg/kg (12D preg)	TJADAB 27,261,83
2T01T02	scu-rat TDLo:1800 mg/kg (12D male)	INJFA3 23,282,78
3T25T34T59	scu-rat TDLo:380 mg/kg (9D preg)	BCPCA6 22,407,73
3T25T35T43	scu-rat TDLo:500 mg/kg (11D preg)	RCOCB8 38,209,82
1T46	scu-rat TDLo:500 mg/kg (11D preg)	RCOCB8 38,209,82
3T31T34T43	scu-rat TDLo:500 mg/kg (11D preg)	RCOCB8 39,179,83
1T29	scu-rat TDLo:300 mg/kg (1D pre)	PRGLBA 1,3,72
2T46T59	unk-rat TDLo:3500 mg/kg (6-15D preg)	JACTDZ 2,325,83
1T24	iut-rat TDLo:2 mg/kg (4D preg)	CCPTAY 24,283,81
2T25T43	orl-mus TDLo:1200 mg/kg (8-9D preg)	LANCAO 1,606,65
3T35T39T59	orl-mus TDLo:800 mg/kg (17D preg)	APTOA6 29,250,71
2T71T77	orl-mus TDLo:19200 mg/kg (6-21D preg)	LANCAO 1,565,64
1T25	scu-mus TDLo:500 mg/kg (11D preg)	JTSCDR 7,177,82
3T46T47T49	orl-dog TDLo:3200 mg/kg (23-30D preg)	TJADAB 20,313,79
1T35	unk-dog TDLo:3 gm/kg (20-34D preg)	JZKEDZ 6,37,80
2T34T46	orl-cat TDLo:300 mg/kg (10-15D preg)	TJADAB 14,21,76
3T45T43T46	orl-rbt TDLo:800 mg/kg (8-15D preg)	BANMAC 159,433,75
3T46T47T35	orl-rbt TDLo:1800 mg/kg (8-16D preg)	TXAPA9 10,244,67
1T34	orl-rbt TDLo:1750 mg/kg (6-12D preg)	LANCAO 1,763,64
1T29	orl-rbt TDLo:600 mg/kg (2D pre)	JJPAAZ 28,909,78
1T35	unk-rbt TDLo:11250 mg/kg (16-30D preg)	AKGIAO 43(12),10,67

TOXICITY DATA AND REFERENCES:

2K09K30	orl-man TDLo:5214 mg/kg/52W	LANCAO 2,1033,80
3J26M14U03	orl-inf TDLo:120 mg/kg	BMJOAE 1,1081,79
	orl-chd LDLo:104 mg/kg	LANCAO 2,809,52
3F01J22Q10	orl-chd TDLo:81 mg/kg/16H	JAMAAP 126,806,44
1L14	orl-hmn TDLo:669 mg/kg/11D	AJHPA9 35,330,78
3K13K30P30	orl-hmn TDLo:5 gm/kg/7D-C	ARZNAD 25,281,75
	unk-man LDLo:294 mg/kg	85DCAI 2,73,70
	orl-rat LD50:1000 mg/kg	TXAPA9 36,173,76

* ipr-rat LD50:390 mg/kg ARZNAD 31,1816,81
rec-rat LDLo:200 mg/kg CJPPA3 44,909,66
* orl-mus LD50:770 mg/kg IJEBA6 16,1169,78
ipr-mus LD50:280 mg/kg JPPMAB 4,872,52
* scu-mus LD50:1219 mg/kg NIIRDN 6,12,82
orl-dog LDLo:500 mg/kg HBAMAK 4,1290,35
1F29 ivn-dog LD50:681 mg/kg AIPTAK 149,571,64
1F17 orl-rbt LD50:1010 mg/kg GTPZAB 24(3),43,80
3F05F07F11 orl-gpg LD50:1075 mg/kg JAPMA8 47,479,58

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: BCSTB5 2(4),695,74; DICPBB 9,350,75; DICPBB 8(12),690,74; PLMJAP 6(1),160,75; JPHAA3 NS16(3),147,76; AUHPAI 3(3),100,73; JRPMAP 12(1),27,74; CLCHAU 19,361,73; AJMEAZ 38,409,65; ATXKA8 28,135,71
★ TLV-TWA 5 mg/m3 DTLVS* 4,7,80

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

V00710000 SALICYLIC ACID, ACETATE, ANHYDRIDE

UPDT:8406 CAS: 1466-82-6 MW: 342.32 MOLFM: C18-H14-O7
SYN: ACETYLSALICYLIC ACID ANHYDRIDE * ACETYLSALICYLIC ANHYDRIDE * ASPIRIN ANHYDRIDE * BENZOIC ACID, 2-(ACETYLOXY)-, ANHYDRIDE (9CI) * CONTRAFLU * PIRCAN * VIGAL

MUTATION DATA AND REFERENCES:

cyt-ham:lng 300 mg/L GMCRDC 27,95,81

V00720000 SALICYLIC ACID, ACETATE, ESTER with 4'-HYDROXYACETANILIDE

UPDT:8408 CAS: 5003-48-5 MW: 313.33 MOLFM: C17-H15-N-O5
SYN: 4'-(ACETAMIDO)PHENYL-2-ACETOXYBENZOATE * p-ACETAMIDOPHENYL ACETYLSALICYLATE * 2-ACETOXY-4'-(ACETAMINO)PHENYLBENZOATE * p-N-ACETYLAMINOPHENYLACETYLSALICYLATE * 2-(ACETYLOXY)BENZOIC ACID 4-(ACETYLAMINO)PHENYL ESTER * ASPIRIN ACETAMINOPHEN ESTER * BENORAL * BENORILATE * BENORTAN * BENORYLATE * BENZOIC ACID, 2-(ACETYLOXY)-, 4-(ACETYLAMINO)PHENYL ESTER (9CI) * FENASPARATE * SALIPRAN * TO 125 * WIN 11450

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:10 gm/kg USXXAM #3431293
* ipr-rat LD50:1830 mg/kg USXXAM #3431293
* orl-mus LD50:2 gm/kg USXXAM #3431293
* ipr-mus LD50:1255 mg/kg USXXAM #3431293

V00780000 SALICYLIC ACID, ACETATE, MAGNESIUM SALT

UPDT:8305 CAS: 132-49-0 MW: 382.63 MOLFM: C18-H14-O8 .Mg
SYN: ALGICINA * AMIGRIN * APYRON * BENZOIC ACID, 2-(ACETYLOXY)-, MAGNESIUM SALT (9CI) * CANOCYL * FYRACYL * JURIDIN * KOWEFIN * MACETOCYL * MAGISAL * MAGNESIUMACETYLOSALICYLAT (German) * MAGNESIUM ACETYLOSALICYLATE * MAGNESIUM ACETYLSALICYLATE * MAGNESPIRIN * NOVACETYL

TOXICITY DATA AND REFFRENCES:

* scu-mus LD50:620 mg/kg ARZNAD 18,195,68

V01225000 SALICYLIC ACID, 4-AMINO-

UPDT:8412 CAS: 65-49-6 MW: 153.15 MOLFM: C7-H7-N-O3
SYN: 4-AMINO-2-HYDROXYBENZOIC ACID * AMINOPAR * AMINOSALICYLIC ACID * p-AMINOSALICYLIC ACID * 4-AMINOSALICYLIC ACID * AMINOX * APACIL * APAS * BENZOIC ACID, 4-AMINO-2-HYDROXY- * DEAPASIL * ENTEPAS * GABBROPAS * HELLIPIDYL * 2-HYDROXY-4-AMINOBENZOIC ACID * 3-HYDROXY-4-CARBOXYANILINE * KYSELINA p-AMINOSALICYLOVA (Czech) * NSC 2083 * OSACYL * PAMACYL * PAMISYL * PARA-AMINO SALICYLIC ACID * PARAMYCIN * PARA-PAS * PARASAL * PARASALICIL * PARASALINDON * PAS * PASA * PASALON * PASARA * PAS-C * PASCORBIC * PASEM * PASK * PASMED * PASNODIA * PASOLAC * PROPASA * REZIPAS * SANIPRIOL-4

IRRITATION DATA AND REFERENCES:

eye-rbt 100 mg/24H SEV 28ZPAK -,106,72

MUTATION DATA AND REFERENCES:

cyt-mus-orl 50 mg/kg NULSAK 22,96,79
cyt-mus:mmr 2 mmol/L/24H-C JTSCDR 5,141,80

TOXICITY DATA AND REFERENCES:

orl-rat LD50:6930 mg/kg 28ZPAK -,106,72
orl-mus LD50:4 gm/kg JPPMAB 2,764,50
* ipr-mus LD50:4250 mg/kg ZENBAX 6b,183,51
scu-mus LD50:4 gm/kg JPPMAB 2,764,50
ivn-mus LD50:3898 mg/kg ANTBAL 18,249,73
* orl-rbt LD50:3650 mg/kg FEPRA7 10,289,51

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AJMEAZ 38,409,65

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

V01400000 SALICYLIC ACID, 5-AMINO-

UPDT:8305 CAS: 89-57-6 MW: 153.15 MOLFM: C7-H7-N-O3
SYN: 5-AMINO-2-HYDROXYBENZOIC ACID * 5-AMINOSALICYLIC ACID * m-AMINOSALICYLIC ACID * p-AMINOSALICYLSAEURE (German)

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:5000 mg/kg ZENBAX 6b,183,51
ipr-mus LDLo:313 mg/kg CBCCT* 2,58,50

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

V01405000 SALICYLIC ACID, 4-AMINO-, ACETATE

UPDT:8305 MW: 195.19 MOLFM: C9-H9-N-O4
SYN: ACETYL p-AMINOSALICYLIC ACID * ACETYL-PAS-SAEURE (German)

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:20 gm/kg ZENBAX 6b,183,51

V01408000 SALICYLIC ACID, 4-AMINO-, ACETATE, SODIUM SALT

UPDT:8305 MW: 217.17 MOLFM: C9-H8-N-O4 .Na
SYN: ACETYL-PAS-NATRIUM (German)

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:17500 mg/kg ZENBAX 6b,183,51

V01460000 SALICYLIC ACID, AMINO-, sec-BUTYL ESTER

UPDT:8305 MW: 209.27 MOLFM: C11-H15-N-O3
SYN: sec-BUTYL p-AMINOSALICYLATE * PAS sek-BUTYL ESTER (German)

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:2650 mg/kg ZENBAX 6b,183,51

V01470000 SALICYLIC ACID, p-AMINO-, CALCIUM SALT (2:1)

UPDT:8403 CAS: 133-15-3 MW: 173.17 MOLFM: C7-H7-N-O3 .1/2Ca
SYN: AMINACYL * p-AMINOSALICYLIC ACID CALCIUM SALT * BENZOIC ACID, 4-AMINO-2-HYDROXY-, CALCIUM SALT (2:1) (9CI) * CALCIPAS * CALCIUM AMINOSALICYLATE * CALCIUM p-AMINOSALICYLATE * CALCIUM 4-AMINOSALICYLATE * MONOCALCIUM p-AMINOSALICYLATE * P.A.C. * PARACIPAN * PASARA CALCIUM * PASMICINA

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:6500 mg/kg ZENBAX 6b,183,51
* ipr-mus LD50:5000 mg/kg ZENBAX 6b,183,51

V01475000 SALICYLIC ACID, AMINO-, 2-CHLOROETHYL ESTER

UPDT:8305 MW: 215.65 MOLFM: C9-H10-Cl-N-O3
SYN: 2-CHLOROETHYL p-AMINOSALICYLATE * PAS beta-CHLORAETHYL ESTER (German)

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1850 mg/kg ZENBAX 6b,183,51

V01602000 SALICYLIC ACID, p-AMINO-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8305 MW: 288.81 MOLFM: C13-H20-N2-O3 .Cl-H
SYN: 4-AMINO-2-HYDROXYBENZOIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE (9CI) * p-AMINOSALICYLIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * p-AMINOSALICYLSAEUREDIAETHYLAMINOAETHYLESTER-CHLORHYDRAT (German) * C 4201 * HCl SALZ des p-AMINO-SALICYLSAEURE-DIAETHYLAMINOAETHYLESTER (German) * VERBINDUNG S 557 HCl * WIN 2022

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:130 mg/kg ZENBAX 6b,183,51

ipr-rat LDLo:190 mg/kg ARZNAD 1,154,51
ivn-rat LDLo:36 mg/kg ARZNAD 1,154,51
* orl-mus LD50:135 mg/kg ZENBAX 6b,183,51
ipr-mus LD50:115 mg/kg ARZNAD 1,154,51
scu-mus LD50:282 mg/kg ARZNAD 8,708,58
3F07F12J30 ivn-mus LD50:37 mg/kg JPETAB 104,40,52

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

V01620000 SALICYLIC ACID, p-AMINO-, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8303 MW: 260.75 MOLFM: C11-H16-N2-O3 .Cl-H
SYN: 4-AMINO-2-HYDROXYBENZOIC ACID, 2-(DIMETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE (9CI) * p-AMINOSALICYLIC ACID, 2-(DIMETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * C 4200 * 2-(DIMETHYLAMINO)ETHYL p-AMINOSALICYLATE * HCl SALZ des p-AMINO-SALICYLSAEURE-DIMETHYLAMINOAETHYL-ESTER (German)

TOXICITY DATA AND REFERENCES:

ipr-rat LDLo:290 mg/kg ARZNAD 1,154,51
ivn-rat LDLo:63 mg/kg ARZNAD 1,154,51
scu-mus LD50:560 mg/kg ARZNAD 8,708,58
3F12H02J30 ivn-mus LD50:67 mg/kg JPETAB 123,269,58

V01625000 SALICYLIC ACID, AMINO-, ETHYL ESTER

UPDT:8402 CAS: 6059-17-2 MW: 181.21 MOLFM: C9-H11-N-O3
SYN: p-AMINOSALICYLIC ACID ETHYL ESTER * BENZOIC ACID, 4-AMINO-2-HYDROXY-, ETHYL ESTER (9CI) * ETHYL p-AMINOSALICYLATE * PAS AETHYL ESTER (German) * PAS ETHYL ESTER

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:2250 mg/kg ZENBAX 6b,183,51
* ipr-mus LD50:460 mg/kg ARZNAD 2,112,52

V01638000 SALICYLIC ACID, 4-AMINO-, HYDRAZIDE

UPDT:8403 CAS: 6946-29-8 MW: 167.19 MOLFM: C7-H9-N3-O2
SYN: 4-AMINO-2-HYDROXYBENZOIC ACID HYDRAZIDE * p-AMINOSALICYLIC ACID HYDRAZIDE * APACIZIN

TOXICITY DATA AND REFERENCES:

orl-rbt LDLo:250 mg/kg CLDND*
unk-dog LDLo:30 mg/kg CLDND*

V01640000 SALICYLIC ACID, AMINO-, 2-HYDROXYETHYL ESTER

UPDT:8305 MW: 197.21 MOLFM: C9-H11-N-O4
SYN: 2-HYDROXYETHYL p-AMINOSALICYLATE * PAS beta-OXYAETHYL ESTER (German)

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:2500 mg/kg ZENBAX 6b,183,51

V01670000 SALICYLIC ACID, AMINO-, ISOPROPYL ESTER

UPDT:8305 MW: 195.24 MOLFM: C10-H13-N-O3
SYN: ISOPROPYL p-AMINOSALICYLATE * PAS ISOPROPYL ESTER

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:2000 mg/kg ZENBAX 6b,183,51

V01683000 SALICYLIC ACID, AMINO-, METHYL ESTER

UPDT:8305 MW: 167.18 MOLFM: C8-H9-N-O3
SYN: METHYL p-AMINOSALICYLATE * PAS METHYL ESTER

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1000 mg/kg ZENBAX 6b,183,51

V01684000 SALICYLIC ACID, p-AMINO-, 1-METHYL-4-PIPERIDYL ESTER, HYDROCHLORIDE

UPDT:8403 MW: 286.79 MOLFM: C13-H18-N2-O3 .Cl-H
SYN: p-AMINOSALICYLIC ACID, 1-METHYL-4-PIPERIDYL ESTER HYDROCHLORIDE * C 4205

TOXICITY DATA AND REFERENCES:

scu-mus LD50:20 mg/kg ARZNAD 8,708,58

V01685000 SALICYLIC ACID, p-AMINO-, 2-(PIPERIDINOETHYL) ESTER, HYDROCHLORIDE

UPDT:8305 MW: 300.82 MOLFM: C14-H20-N2-O3 .Cl-H
SYN: 4-AMINO-SALICYLSAEURE-(beta-(N-PIPERIDINO)-AETHYL) ESTER CHLORHYDRAT (German) * VERBINDUNG SK 8 HCl

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:125 mg/kg ZENBAX 6b,183,51

V01690000 SALICYLIC ACID, 4-AMINO-, 3-PIPERIDINOPROPYL ESTER, MONOHYDROCHLORIDE

UPDT:8310 MW: 314.85 MOLFM: C15-H22-N2-O3 .Cl-H
SYN: 4-AMINO-SALICYLIC ACID 3-PIPERIDINOPROPYL ESTER HYDROCHLORIDE * WIN 2259

TOXICITY DATA AND REFERENCES:

3F07F12J30 ivn-mus LD50:24 mg/kg JPETAB 104,40,52

V01700000 SALICYLIC ACID, 4-AMINO-, SODIUM SALT

UPDT:8307 CAS: 133-10-8 MW: 175.13 MOLFM: C7-H6-N-O3 .Na
SYN: PAS-Na * SODIUM p-AMINOSALICYLATE

MUTATION DATA AND REFERENCES:

cyt-hmn:lym 600 mg/L MUREAV 48,215,77
dnd-rat:ast 6 pph BBACAQ 335,69,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T26 scu-rat TDLo:247 mg/kg (6-14D preg) DPHFAK 23,383,71
1T46 scu-rat TDLo:69300 ug/kg (6-14D preg) DPHFAK 23,383,71
2T25T26 orl-rbt TDLo:40 mg/kg (7-14D preg) DPHFAK 23,383,71

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:8000 mg/kg ZENBAX 6b,183,51
* ipr-rat LD50:4950 mg/kg ZENBAX 6b,183,51
* orl-mus LD50:6900 mg/kg ZENBAX 6b,183,51
ipr-mus LD50:3850 mg/kg DPHFAK 23,383,71
scu-mus LD50:2800 mg/kg CRSBAW 146,446,52
* ivn-mus LD50:3380 mg/kg YHTPAD 15(12),17,80

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

V01740000 SALICYLIC ACID compd. with ANTIPYRINE (1:1)

UPDT:8405 CAS: 520-07-0 MW: 326.38 MOLFM: C11-H12-N2-O .C7-H6-O3
SYN: ANSAL * ANTIPYRINE SALICYLATE * PHENAZONE SALICYLATE * SALAZOLON * SALIPHENAZON * SALIPYRAZOLAN * SALIPYRINE

TOXICITY DATA AND REFERENCES:

unk-mus LDLo:1200 mg/kg HBAMAK 4,1289,35
unk-gpg LDLo:1600 mg/kg HBAMAK 4,1289,35

V01750000 SALICYLIC ACID, BENZYL ESTER

UPDT:8305 CAS: 118-58-1 MW: 228.26 MOLFM: C14-H12-O3
SYN: BENZYL o-HYDROXYBENZOATE * BENZYL SALICYLATE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2227 mg/kg FCTXAV 11,1029,73

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

V01795000 SALICYLIC ACID, (BIS(8-HYDROXYQUINOLYL)AMINO)-

UPDT:8305 MW: 441.47 MOLFM: C25-H19-N3-O5
SYN: (BIS(8-HYDROXYQUINOLYL)AMINO)SALICYLIC ACID * DI-8-OXYQUINOLINE-N-AMINOSALICYLIC ACID

MUTATION DATA AND REFERENCES:

mmo-bcs 10 mmol/L FAVUAI 6,118,74

V01925000 SALICYLIC ACID, p-BUTYLAMINO-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE

UPDT:8406 MW: 344.93 MOLFM: C17-H28-N2-O3 .Cl-H
SYN: p-BUTYLAMINOSALICYLIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * C 4208 * HCl SALZ des p-N-n-BUTYLAMINOSALICYLSAEUREDIAETHYLAMINOAETHYLESTER (German) * PHENOCAINE * SALICYL-DIAETHYL (German)

IRRITATION DATA AND REFERENCES:

eye-rbt 2% SEV ARZNAD 8,708,58

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:62 mg/kg ARZNAD 1,218,51
ipr-mus LD50:12 mg/kg ARZNAD 1,218,51
scu-mus LD50:120 mg/kg ARZNAD 8,708,58
ivn-mus LD50:16 mg/kg ARZNAD 1,218,51

V02000000 SALICYLIC ACID, BUTYL ESTER
UPDT:8305 CAS: 2052-14-4 MW: 194.25 MOLFM: C11-H14-O3
SYN: BENZOIC ACID, 2-HYDROXY-, BUTYL ESTER * BUTYL o-HYDROXYBENZOATE * n-BUTYL o-HYDROXYBENZOATE * BUTYL SALICYLATE * n-BUTYL SALICYLATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1700 mg/kg FCTXAV 16,663,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

V02080000 SALICYLIC ACID, 5-CHLORO-
UPDT:8402 CAS: 321-14-2 MW: 172.57 MOLFM: C7-H5-Cl-O3
SYN: BENZOIC ACID, 5-CHLORO-2-HYDROXY- * 5-CHLOROSALICYLIC ACID
TOXICITY DATA AND REFERENCES:
3F29U26Y55 orl-rat LD50:261 mg/kg JPMSAE 64,1321,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

V02100000 SALICYLIC ACID, CHLOROACETATE
UPDT:8403 CAS: 6090-79-5 MW: 214.61 MOLFM: C9-H7-Cl-O4
SYN: ACETIC ACID, CHLORO-, ESTER with SALICYLIC ACID * O-CHLOROACETYLSALICYLIC ACID
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:200 mg/kg JACSAT 63,1437,41

SALICYLIC ACID, ion(1-), CHOLINE see: GA6475000

SALICYLIC ACID CHOLINE SALT see: GA6475000

V02330000 SALICYLIC ACID, compd. with 1-DEOXY-1-(METHYLAMINO)-D-GLUCITOL
UPDT:8303 MW: 333.38 MOLFM: C7-H6-O3 .C7-H17-N-O5
SYN: ACIDO SALICILICO con METILGLUCAMINA (Italian) * 1-DEOXY-1-(METHYLAMINO)-D-GLUCITOL mixed with SALICYLIC ACID * METILGLUCAMINA SALE DI ACIDO SALICILICO (Italian)
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:500 mg/kg BCFAAI 101,903,62

V02400000 SALICYLIC ACID, DIBROMO-, ACETATE
UPDT:8305 MW: 337.97 MOLFM: C9-H6-Br2-O4
SYN: DIBROMOASPIRIN
TOXICITY DATA AND REFERENCES:
3F07F17F25 orl-mus LD50:1003 mg/kg RCOCB8 37,139,82

V02402000 SALICYLIC ACID, DIBROMO-, FUMARATE (2:1)
UPDT:8305 MW: 512.08 MOLFM: C18-H8-Br2-O8
SYN: BIS(DIBROMOSALICYL)FUMARATE
TOXICITY DATA AND REFERENCES:
3F07F17F25 orl-mus LD50:930 mg/kg RCOCB8 37,139,82

V02410000 SALICYLIC ACID, DIBROMO-, SUCCINATE (2:1)
UPDT:8305 MW: 514.10 MOLFM: C18-H10-Br2-O8
SYN: BIS(DIBROMOSALICYL)SUCCINATE
TOXICITY DATA AND REFERENCES:
3F07F17F25 orl-mus LD50:1000 mg/kg RCOCB8 37,139,82

V02825000 SALICYLIC ACID, compd. with DIISOPROPYL AMINE (1:1)
UPDT:8308 CAS: 36364-50-8 MW: 239.35 MOLFM: C7-H6-O3 .C6-H15-N
SYN: BENZOIC ACID, 2-HYDROXY-, compd. with N-(1-METHYLETHYL)-2-PROPANAMINE (1:1) * DIISOPROPYLAMINE SALICYLATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1288 mg/kg YHTPAD 16(6),52,81
* ipr-mus LD50:562 mg/kg YHTPAD 16(6),52,81
* ivn-mus LD55:299 mg/kg YHTPAD 16(6),52,81

V02974000 SALICYLIC ACID, DINITRO-, LEAD SALT (2:1)
UPDT:8308 MW: 661.43 MOLFM: C14-H6-N4-O14 .Pb
SYN: DINITROSALICYLIC ACID LEAD SALT, dry (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

V02992000 SALICYLIC ACID, ester with METHANEDIOL, ACETATE
UPDT:8408 MW: 210.20 MOLFM: C10-H10-O5
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:31 mg/kg CBCCT* 4,111,52

V02995000 SALICYLIC ACID, 5-ETHOXY-, 2-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8405 MW: 317.85 MOLFM: C15-H23-N-O4 .Cl-H
SYN: 2-DIETHYLAMINOETHYL 5-ETHOXYSALICYLATE HYDROCHLORIDE * 5-ETHOXYSALICYLIC ACID 2-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:289 mg/kg JAPMA8 [illegible],334,54

V03000000 SALICYLIC ACID, ETHYL ESTER
UPDT:8305 CAS: 118-61-6 MW: 166.19 MOLFM: C9-H10-O3
SYN: ETHYL o-HYDROXYBENZOATE * ETHYL SALICYLATE * SAL ETHYL * SALICYLIC ETHER * SALICYLIC ETHYL ESTER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,751,78
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1320 mg/kg FCTXAV 16,751,78
* orl-gpg LDLo:1400 mg/kg FCTXAV 16,751,78
* scu-gpg LDLo:1500 mg/kg AJPHAP 13,331,05
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

V03150000 SALICYLIC ACID, 2-ETHYLHEXYL ESTER
UPDT:8305 CAS: 118-60-5 MW: 250.37 MOLFM: C15-H22-O3
SYN: 2-ETHYLHEXYL SALICYLATE * USAF DO-11 * WMO
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,765,76
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:200 mg/kg NTIS** AD277-689
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

V03400000 SALICYLIC ACID, 4-(((alpha,alpha,alpha,alpha',alpha',alpha'-HEXAFLUORO-3,5-XYLYL)SULFAMOYL) PHENYL CARBAMOYL)METHYL-
UPDT:8408 MW: 562.47 MOLFM: C23-H16-F6-N2-O6-S
SYN: SALICYLIC ACID, p-(3,3,3,5,5,5-HEXAFLUORO-3,5-XYLYLSULFAMYLPHENYLCARBAMYLMETHANE)
TOXICITY DATA AND REFERENCES:
unk-brd LDLo:100 mg/kg 11FYAN 3,85,63

SALICYLIC ACID, p-(3,3,3,5,5,5-HEXAFLUORO-3,5-XYLYLSULFAMYLPHENYLCARBAMYLMETHANE) see: VO3400000

V03500000 SALICYLIC ACID, 3-HEXEN-1-YL ESTER
UPDT:8305 MW: 220.29 MOLFM: C13-H16-O3
SYN: beta,gamma-cis-HEXENYL SALICYLATE * cis-3-HEXENYL SALICYLATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,373,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5 gm/kg FCTXAV 17,373,79

SALICYLIC ACID, 5-HYDROXY- see: LY3850000

V03990000 SALICYLIC ACID, compd. with IMIDAZOLE
UPDT:8309 MW: 206.22 MOLFM: C7-H6-O3 .C3-H4-N2
SYN: IMIDAZOLE 2-HYDROXYBENZOATE * IMIDAZOLE compd. with SALICYLIC ACID * IMIDAZOL-2-HYDROXYBENZOAT (German) * ITF 182
TOXICITY DATA AND REFERENCES:
1F12 orl-rat LD50:1211 mg/kg ARZNAD 33,716,83
1F12 scu-rat LD50:724 mg/kg ARZNAD 33,716,83
1F12 ivn-rat LD50:422 mg/kg ARZNAD 33,716,83
1F12 orl-mus LD50:1034 mg/kg ARZNAD 33,716,83
1F12 scu-mus LD50:595 mg/kg ARZNAD 33,716,83
1F12 ivn-mus LD50:435 mg/kg ARZNAD 33,716,83

V04050000 SALICYLIC ACID, IMIDAZOL-4-YLMETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8303 CAS: 18429-50-0 MW: 254.69 MOLFM: C11-H10-N2-O3 .Cl-H
SYN: IMIDAZOLE-4-METHANOL, SALICYLATE (ester), HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F05F17U26 ipr-mus LD50:1000 mg/kg PCJOAU 2,360,68

V04320000 SALICYLIC ACID, ISOBUTYL ESTER
UPDT:8305 CAS: 87-19-4 MW: 194.25 MOLFM: C11-H14-O3
SYN: ISOBUTYL o-HYDROXYBENZOATE * ISOBUTYL SALICYLATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1560 mg/kg FCTXAV 13,813,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

V04375000 SALICYLIC ACID, ISOPENTYL ESTER
UPDT:8402 CAS: 87-20-7 MW: 208.28 MOLFM: C12-H16-O3
SYN: ISOAMYL o-HYDROXYBENZOATE * ISOAMYL SALICYLATE * ISOPENTYL-2-HYDROXYPHENYL METHANOATE * ISOPENTYL SALICYLATE * 3-METHYLBUTYL 2-HYDROXYBENZOATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:12600 mg/kg (42D male) FCTXAV 13,185,75
TOXICITY DATA AND REFERENCES:
ivn-dog LD50:500 mg/kg 14CYAT 2.1847,63
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

V04395500 SALICYLIC ACID, ISOPROPYL ESTER, O-ESTER with O-ETHYL ISOPROPYLPHOSPHORAMIDOTHIOATE
UPDT:8404 CAS: 25311-71-1 MW: 345.43 MOLFM: C15-H24-N-O4-P-S
SYN: 2-(O-AETHYL-N-ISOPROPYLAMIDOTHIOPHOSPHORYLOXY)-BENZOSAEURE-ISOPROPYLESTER (German) * AMAZE * BAY-92114 * BAY-SRA-12869 * BENZOIC ACID, 2-((ETHOXY((1-METHYLETHYL)AMINO)PHOSPHINOTHIOYL)OXY)-, 1-METHYL ESTER (9CI) * 2-((ETHOXY((1-METHYLETHYL)AMINO)PHOSPHINOTHIOYL)OXY)BENZOIC ACID 1-METHYLETHYL ESTER * O-ETHYL-O-(2-ISOPROPOXY-CARBONYL)-PHENYL ISOPROPYLPHOSPHORAMIDOTHIOATE * ISOFENPHOS * ISOPHENPHOS * ISOPROPYL SALICYLATE O-ESTER with O-ETHYLISOPROPYLPHOSPHORAMIDOTHIOATE * 1-METHYLETHYL-2-((ETHOXY((1-METHYLETHYL)AMINO)PHOSPHINOTHIOYL)OXY) BENZOATE * OFTANOL * PHOSPHORAMIDOTHIOIC ACID, ISOPROPYL-, O-ETHYL O-(2-ISOPROPOXYCARBONYLPHENYL) ESTER * SRA 12869
TOXICITY DATA AND REFERENCES:
orl-rat LD50:28 mg/kg 85ARAE 1,118,77
skn-rat LD50:188 mg/kg SPEADM 78-1,39,78
orl-mus LD50:91300 ug/kg 85DPAN -,-,71/76
* skn-rbt LD50:162 mg/kg FMCHA2 -,C133,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SALICYLIC ACID, 5-METHOXY-, 2-DIETHYLAMINOETHYL ESTER, HYDROCHLORIDE see: BZ4870000

SALICYLIC ACID, 5-METHOXY-, 3-DIETHYLAMINOPROPYL ESTER, HYDROCHLORIDE see: BZ4871000

V04700000 SALICYLIC ACID, METHYLENEDI-
UPDT:8402 CAS: 27496-82-8 MW: 288.27 MOLFM: C15-H12-O6
SYN: BENZOIC ACID, METHYLENEBIS(2-HYDROXY- (9CI) * MDA * METHYLENEDISALICYLIC ACID
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2500 mg/kg ANTCAO 4,304,54
* orl-gpg LD50:1750 mg/kg ANTCAO 4,304,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

V04725000 SALICYLIC ACID, METHYL ESTER
UPDT:8412 CAS: 119-36-8 MW: 152.16 MOLFM: C8-H8-O3
SYN: ACIDE ANISIQUE (French) * ACIDE METHYL-o-BENZOIQUE (French) * o-ANISIC ACID * BENZOIC ACID, 2-METHOXY- * BETULA * BETULA OIL * GAULTHERIA OIL, ARTIFICIAL * GAULTHERIA OIL * o-HYDROXYBENZOIC ACID, METHYL ESTER * 2-HYDROXYBENZOIC ACID METHYL ESTER * o-METHOXYBENZOIC ACID * 2-METHOXYBENZOIC ACID * METHYL o-HYDROXYBENZOATE * METHYL SALICYLATE * METYLESTER KYSELINY SALICYLOVE (Czech) * NATURAL WINTERGREEN OIL * SWEET BIRCH OIL * SYNTHETIC WINTERGREEN OIL * TEABERRY OIL * WINTERGREEN OIL * WINTERGREEN OIL, SYNTHETIC
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,821,78
eye-rbt 117 mg AJOPAA 29,1363,46
eye-rbt 500 mg/24H SEV 28ZPAK -,106,72
skn-gpg 100% SEV FCTXAV 16,821,78
eye-gpg 100% SEV FCTXAV 16,821,78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T72T75T76 orl-rat TDLo:36450 mg/kg (MGN) TXAPA9 18,755,71
3T46T45T41 scu-rat TDLo:500 mg/kg (10D preg) AJPAA4 35,315,59
3T51T42T43 scu-rat TDLo:500 mg/kg (10D preg) AJPAA4 35,315,59
1T41 orl-ham TDLo:1750 mg/kg (7D preg) TJADAB 28,421,83
1T41 skn-ham TDLo:5250 mg/kg (7D preg) TJADAB 28,421,83
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:2400 mg/kg/8W-I CNREA8 33,3069,73
TOXICITY DATA AND REFERENCES:
* orl-chd LDLo:590 mg/kg 85ESA3 9,798,76
3C08F01J22 orl-chd LDLo:700 mg/kg ADCHAK 28,475,53
* orl-hmn LDLo:506 mg/kg 85ESA3 9,798,76
unk-man LDLo:522 mg/kg 85DCAI 2,73,70
1F07 orl-rat LD50:887 mg/kg FCTXAV 2,327,64
2F13F23 ipr-rat LDLo:3000 mg/kg BSRSA6 47,202,78
2F13F23 ivn-rat LDLo:2750 mg/kg BSRSA6 47,202,78
3J30K12K13 orl-dog LD50:2100 mg/kg FCTXAV 16,821,78
* scu-dog LDLo:2250 mg/kg FCTXAV 16,821,78
* orl-rbt LD50:1300 mg/kg FCTXAV 16,821,78
* scu-rbt LDLo:4250 mg/kg FCTXAV 16,821,78
2F12K05 orl-gpg LD50:1060 mg/kg FCTXAV 2,327,64
scu-gpg LDLo:2700 mg/kg HBAMAK 4,1289,35
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DICPBB 9,350,75; CLCHAU 19,361,73; ARVPAX 5,447,65; AJMEAZ 38,409,65; EVHPAZ 15,121,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

V04900000 SALICYLIC ACID, MONOAMMONIUM SALT
UPDT:8403 CAS: 528-94-9 MW: 155.17 MOLFM: C7-H5-O3 .H4-N
SYN: AMMONIUM SALICYLATE * SALICYL-VASOGEN * 2-HYDROXYBENZOIC ACID MONOAMMONIUM SALT
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:600 mg/kg 85ESA3 9,75,76
ivn-dog LDLo:467 mg/kg AIPTAK 51,398,35

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PEDIAU 54(3),342,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VO5075000 SALICYLIC ACID, MONOSODIUM SALT
UPDT:8412 CAS: 54-21-7 MW: 160.11 MOLFM: C7-H5-O3.Na
SYN: ALYSINE * ARDALL * ARGALL * CLIPI * DIURETIN * ENTEROSALICYL * ENTEROSALIL * o-HYDROXYBENZOIC SODIUM SALT * 2-HYDROXYBENZOIC ACID MONOSODIUM SALT * IDOCYL NOVUM * MAGSALYL * PARBOCYL-REV * SALICYLIC ACID, SODIUM SALT * SODIUM o-HYDROXYBENZOATE * SODIUM SALICYLATE * SODIUM SALICYLIC ACID
MUTATION DATA AND REFERENCES:
dnd-rat-unk 600 mg/kg BIOHAO 34,1151,69
dnd-rat-lvr 240 mg/L BIORAK 34,934,69
dnd-rat-emb 30 mg/L BIORAK 34,934,69
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T71 orl-rat TDLo:40 mg/kg (20-21D preg) PRGLBA 4,93,73
2T25T59 orl-rat TDLo:250 mg/kg (9D preg) TJADAB 4,223,71
1T46 orl-rat TDLo:250 mg/kg (9D preg) TJADAB 8,309,73
1T91 orl-rat TDLo:375 mg/kg (8-10D preg) TJADAB 21,49A,80
2T26T46 orl-rat TDLo:2 gm/kg (6-15D preg) TXAPA9 28,209,74
1T31 orl-rat TDLo:3 gm/kg (6-15D preg) TJADAB 24(2),42A,81
2T25T46 ipr-rat TDLo:500 mg/kg (8D preg) FCTXAV 8,647,70
1T34 ipr-rat TDLo:849 mg/kg (9-11D preg) TXAPA9 19,373,71
1T35 ipr-rat TDLo:150 mg/kg (12-14D preg) TXAPA9 19,373,71
2T46T41 scu-rat TDLo:300 mg/kg (9D preg) AJPAA4 35,315,59
1T47 scu-rat TDLo:50 mg/kg (21D preg) PRGLBA 9,585,75
2T42T45 scu-rat TDLo:400 mg/kg (10D preg) JPETAB 142,351,63
1T25 scu-rat TDLo:300 mg/kg (10D preg) JPETAB 142,351,63
3T35T41T43 par-rat TDLo:400 mg/kg (10D preg) 40YJAX -,127,76
2T25T59 unk-rat TDLo:400 mg/kg (10D preg) GISAAA 41(12),32,76
3T35T39T59 orl-mus TDLo:665 mg/kg (17D preg) APTOA6 29,250,71
1T81 orl-mus TDLo:4 gm/kg (8-12D preg) JTEHD6 10,541,82
2T25T47 ims-mus TDLo:400 mg/kg (12D preg) APSVAM 54,43,65
1T46 ims-mus TDLo:400 mg/kg (9D preg) APSVAM 54,43,65
2T35T59 ims-mus TDLo:500 mg/kg (17D preg) APSCAX 78,39,70
1T16 ims-mus TDLo:500 mg/kg (17D preg) NATUAS 220,385,68
1T41 ipr-ham TDLo:1100 mg/kg (8D preg) TOXID9 4,83,84
2T25T34 scu-mam TDLo:125 mg/kg (18D preg) LIFSAK 27,1799,80
1T46 scu-mam TDLo:250 mg/kg (18D preg) LIFSAK 27,1799,80
2T42T43 scu-mam TDLo:400 mg/kg (13D preg) LIFSAK 27,1799,80
1T25 scu-mam TDLo:125 mg/kg (18D preg) 45REAG 4,393,80
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:700 mg/kg NEJMAG 232,617,45
3F10J26R20 unk-wmn TDLo:1400 mg/kg JAMAAP 126,806,44
orl-rat LD50:1600 mg/kg JPETAB 89,205,47
ipr-rat LD50:780 mg/kg TXAPA9 18,185,71
scu-rat LDLo:800 mg/kg RMSRA6 15,561,1895
orl-mus LD50:900 mg/kg JPETAB 89,205,47
* ipr-mus LD50:640 mg/kg AIPTAK 122,434,59
* scu-mus LD50:760 mg/kg OYYAA2 20,693,80
ivn-mus LD50:700 mg/kg TXAPA9 6,334,64
* ims-mus LD50:760 mg/kg APSVAM 59,517,70
orl-dog LDLo:450 mg/kg HBAMAK 4,1392,35
ipr-dog LDLo:990 mg/kg HBAMAK 4,1392,35
scu-dog LDLo:200 mg/kg RMSRA6 15,561,1895
1F29 ivn-dog LD50:562 mg/kg AIPTAK 149,571,64
orl-rbt LD50:1700 mg/kg JPETAB 89,205,47
ipr-gpg LDLo:900 mg/kg HBAMAK 4,1392,35
scu-gpg LDLo:800 mg/kg RMSRA6 15,561,1895
scu-frg LDLo:250 mg/kg HBAMAK 4,1392,35
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PEDIAU 54(3),342,74; ARVPAX 5,447,65; AJMEAZ 38,409,65; ADVPA3 4,263,66; 85DJA5 -,171,71; APSQA7 211,24,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VO5700100 SALICYLIC ACID, 4-NITRO-
UPDT:8401 CAS: 619-19-2 MW: 183.13 MOLFM: C7-H5-N-O5
SYN: BENZOIC ACID, 2-HYDROXY-4-NITRO- * p-NITROSALICYLIC ACID * 4-NITROSALICYLIC ACID * 4-NITRO-SALICYLSAURE (German)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:650 mg/kg ZENBAX 6b,183,51
* ipr-mus LD50:375 mg/kg ZENBAX 6b,183,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VO5310000 SALICYLIC ACID, 5-((p-NITROPHENYL)AZO)-
UPDT:8408 CAS: 2243-76-7 MW: 287.25 MOLFM: C13-H9-N3-O5
SYN: ALIZARINE CHROME ORANGE G * ALIZARINE ORANGE 2GN * ALIZARINE ORANGE R * ALIZARINE ORANGE RD * ALIZARINE YELLOW P * ALIZARINE YELLOW R * ALIZARINE YELLOW R (INDICATOR) * ALIZARINE YELLOW R-CF * ALIZARINE YELLOW RW * ALIZARINE ORANGE * C.I. MORDANT ORANGE 1 * ALIZAROL ORANGE R * ALPHACROIC ORANGE R * ANTHRANOL CHROME YELLOW R * AZOCHROMAL ORANGE R * BENZOIC ACID, 2-HYDROXY-5-((4-NITROPHENYL)AZO)- * BRASILIAN CHROME ORANGE R * CALCOCHROME ORANGE R * CHROMACID ORANGE 5 * CHROME FAST ORANGE RW * CHROME ORANGE MR * CHROME ORANGE N * CHROME ORANGE R * CHROME ORANGE RLE * CHROME YELLOW 3RN * CHROMOL ORANGE R EXTRA * C.I. 14030 * DIAMOND CHROME YELLOW 3R * DUROCHROME YELLOW 2RN * ENIACROMO ORANGE R * ERIOCHROME ORANGE AOR * FENAKROM ORANGE R * HIDACHROME ORANGE R * HISPACROM ORANGE R * JAVA CHROME YELLOW 3R * JAVA UNICHROME YELLOW 3R * KCA CHROME ORANGE R * KENACHROME ORANGE * LIGHTHOUSE CHROME ORANGE * MAGRACROM ORANGE * METACHROME ORANGE R * MITSUI CHROME ORANGE A * MITSUI CROME ORANGE AN * MONOCHROME ORANGE R * MONOCHROME YELLOW 3R * para-NITROBENZENEAZOSALICYLIC ACID * ORTHOCHROME ORANGE R * PEERACHROME YELLOW R * PNBAS * PONTACHROME YELLOW 3RN * SOLOCHROME ORANGE M * SYNCHROMATE ORANGE AOR * TERRACOTTA 2RN * TERRA COTTA RRN * TERTROCHROME YELLOW 3R * YODOCHROME ORANGE A
MUTATION DATA AND REFERENCES:
mmo-sat 500 ug/plate MUREAV 56,249,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

VO5400000 SALICYLIC ACID, OCTYL ESTER
UPDT:8305 CAS: 6969-49-9 MW: 250.37 MOLFM: C15-H22-O3
SYN: BENZOIC ACID, o-HYDROXY-, OCTYL ESTER * n-OCTYL o-HYDROXYBENZOATE * OCTYL SALICYLATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 16,833,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VO6125000 SALICYLIC ACID, PHENYL ESTER
UPDT:8310 CAS: 118-55-8 MW: 214.23 MOLFM: C13-H10-O3
SYN: PHENYL SALICYLATE * SALOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T26 orl-rat TDLo:600 mg/kg (7-12D preg) OCMJAJ 12,23,66
2T41T46 orl-rat TDLo:1200 mg/kg (7-9D preg) OCMJAJ 12,23,66
1T35 orl-rat TDLo:600 mg/kg (7-9D preg) OCMJAJ 12,23,66
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3 gm/kg FCTXAV 14,837,76
orl-rbt LDLo:3000 mg/kg RMSRA6 15,561,1895
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SALICYLIC ACID, 4-(3-PIPERIDINOPROPIONAMIDO)-, ETHYL ESTER, METHIODIDE see: TN4700600
SALICYLIC ACID, 4-(3-PIPERIDINOPROPIONAMIDO)-, METHYL ESTER, METHIODIDE see: TN4700700

VO6236000 SALICYLIC ACID, 2-PROPYLVALERATE
UPDT:8408 CAS: 13265-02-6 MW: 264.35 MOLFM: C15-H20-O4
SYN: PENTANOIC ACID, 2-PROPYL-, 2-CARBOXYPHENYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2500 mg/kg CHTPBA 4,17,69

VO6250000 SALICYLIC ACID, 5-((p-(2-PYRIDYLSULFAMOYL)PHENYL)AZO)-
UPDT:8412 CAS: 599-79-1 MW: 398.42 MOLFM: C18-H14-N4-O5-S
SYN: ACCUCOL * ASULFIDINE * AZOPYRIN * AZULFIDINE * 4-(PYRIDYL-2-AMIDOSULFONYL)-3-CARBOXY-4-HYDROXYAZOBENZENE * 5-(4-(2-PYRIDYLSULFAMOYL)PHENYLAZO)-2-HYDROXYBENZOIC ACID * 5-(p-(2-PYRIDYLSULFAMOYL)PHENYLAZO)SALICYLIC ACID * RORASUL * SALAZOPYRIN * SALAZOSULFAPYRIDINE * SALICYLAZOSULFAPYRIDINE * S.A.S.-500 * SASP * SULCOLON * SULFASALAZINE * SULPHASALAZINE * W-T SASP ORAL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 orl-rat TDLo:15750 mg/kg (35D male) CCPTAY 28,273,83
1T23 orl-rat TDLo:8400 mg/kg (28D male) CCPTAY 28,273,83
TOXICITY DATA AND REFERENCES:
3Q15R03U25 orl-hmn TDLo:857 mg/kg/3W-I JAMAAP 239,2590,78
3J21J22J23 orl-wmn TDLo:150 mg/kg/5D THORA7 27,713,72
2R01R02 orl-wmn TDLo:1260 mg/kg/21D-I AIMDAP 138,1138,78
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DPIRDU 1(8),8,81
STATUS:
NTP CARCINOGENESIS STUDIES, SELECTED, OCTOBER 1984
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SALICYLIC ACID, SODIUM SALT see: VO5075000

VO6800000 SALICYLIC ACID, p-TOLYL ESTER
UPDT:8412 CAS: 607-88-5 MW: 228.26 MOLFM: C14-H12-O3
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 21,835,83
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1300 mg/kg FCTOD7 21,835,83

SALICYLIC ALDEHYDE see: VN5250000
SALICYLIC ETHER see: VO3000000
SALICYLIC ETHYL ESTER see: VO3000000
3-SALICYLOYLACRYLIC ACID see: AT4720000 ACRYLIC ACID, 3-SALICYLOYL-
SALICYL-VASOGEN see: VO4900000
SALIGENIN see: DO6430000
SALIGENOL see: DO6430000
SALIMED see: DK8750000
SALIMID see: DK8750000
SALINE see: VZ4725000

VO8620000 SALINOMYCIN
UPDT:8403 CAS: 53003-10-4 MW: 751.12 MOLFM: C42-H70-O11
SYN: COXISTAC
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:50 mg/kg 85ERAY 1,813,78
* ipr-mus LD50:7 mg/kg JANTAJ 31,1,78

VO8640000 SALINOMYCIN, 4-METHYL-, (4S)
UPDT:8403 CAS: 55134-13-9 MW: 765.15 MOLFM: C43-H72-O11
SYN: A 28086A * ANTIBIOTIC A 28086A * ANTIBIOTIC A-28086 FACTOR A * ANTIBIOTIC C 78198 * C 78198 * COMPOUND 79891 * 4-METHYLSALINOMYCIN * MONTEBAN * NARASIN * NARASIN A
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:7 mg/kg 85GDA2 5,495,81

SALIPHENAZON see: VO1740000
SALIPRAN see: VO0720000 SALICYLIC ACID, ACETATE, ESTER with 4'-HYDROXYACETANILIDE
SALIPUR see: VN6475000
SALIPYRAZOLAN see: VO1740000
SALIPYRINE see: VO1740000
SALISAN see: DK9450000
SALITHION see: DF4375000
SALITHION-SUMITOMO see: DF4375000
SALIUZID see: TH7010000
SALIX see: CB2625000

VO9220000 SALIX ALBA Linn., stem bark extract
DEF: Indian plant belonging to the family SALICACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: BELI STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 11,43,73

VO9221000 SALIX DENTICULATA Anders., extract excluding roots
DEF: Indian plant belonging to the family SALICACEAE (IJEBA6 11,43,73)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

VO9221500 SALIX KARELINII Turcz. ex Stschegl., extract excluding roots
DEF: Indian plant belonging to the family SALICACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

VO9221900 SALIX TETRASPERMA Roxb., extract excluding roots
DEF: Indian plant belonging to the family SALICACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

VO9222000 SALIX TETRASPERMA Roxb., stem bark extract
DEF: Indian plant belonging to the family SALICACEAE (IJEBA6 9,91,71)
UPDT:8306
SYN: BAISA STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71
* orl-rbt LDLo:50 mg/kg JRIMAO 6,112,71

VO9223000 SALIX TETRASPERMA Roxb. var. ACMOPHYLLA Hains, extract excluding roots
DEF: Indian plant belonging to the family SALICACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:187 mg/kg IJEBA6 15,208,77

SALIZELL see: VN6475000
SALMIAC see: BP4550000

VO9470000 SALMINE, SULFATE (1:1)
UPDT:8412 CAS: 53597-25-4
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:75 mg/kg 85ESA3 9,1081,76
3F12F18J22 par-rat LDLo:120 mg/kg PSEBAA 50,300,42
3F12F18J22 ipr-gpg LDLo:120 mg/kg PSEBAA 50,300,42
3F12F18J22 ivn-gpg LDLo:120 mg/kg PSEBAA 50,300,42
3F12F18J22 par-gpg LDLo:60 mg/kg PSEBAA 50,300,42
SALMONELLA ENTERITIDIS ENDOTOXIN see: JZ2694000
SALMONELLA TYPHI ENDOTOXIN see: JZ2640000
SALMONELLA TYPHOSA ENDOTOXIN see: JZ2695000
SALMONELLA TYPHOSA ENDOTOXIN see: JZ2640000
SALOL see: VO6125000
SALPANI EXTRACT (Indian) see: LL0892000
SALPARIA RHIZOME EXTRACT (Indian) see: DS0520000
SALPETERSAURE (German) see: QU5775000
SALPETERZUUROPLOSSINGEN (Dutch) see: QU5775000
SALPIX see: DG0888000
SALRIN see: VN6475000
SALSTRIP-N-1 see: DB7194000
SALT see: VZ4725000
SALT CAKE see: WE1650000
SALTHION see: PE2690000
SALT OF SATURN see: AI5250000
SALT OF TARTER see: FO0350000
SALTPETER see: TT3700000
SALUFER see: VV8410000
SALUNIL see: DK9450000
SALUPRES see: ZG0350000
SALURAL see: DK8225000
SALURES see: DK8225000
SALURETIL see: DK9450000
SALURETIN see: DB1556000
SALURIC see: DK9450000
SALURIN see: DK8925000
SALURON see: DK9625000
SALUSIDE see: TH7010000
SALUTENSIN see: ZG0350000
SALUZID see: TH7010000
SALUZIDE see: TH7010000
SALVACARD see: QS4375000
SALVACORIN see: QS4375000

VP1700000 SALVADORA OLEOIDES Decne., extract excluding roots
DEF:Indian plant belonging to the family SALVADORACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: PILU EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:500 mg/kg IJEBA6 7,250,69
SALVARSAN see: SJ7175000

VP1930000 SALVIA COCCINEA Linn., extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

VP1940000 SALVIA GLUTINOSA Linn., extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:375 mg/kg IJEBA6 7,250,69

VP1941000 SALVIA GLUTINOSA Linn., extract excluding roots
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2H02P02 ipr-rat LD50:750 mg/kg IJEBA6 16,228,78

VP1945000 SALVIA HIANS Royle., extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2H02P02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

VP1950000 SALVIA LEUCANTHA Cav., extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 11,43,73)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

VP1952000 SALVIA MOORCROFTIANA Wall., extract excluding roots
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

VP1955000 SALVIA PLEBEIA R. Br., extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:250 mg/kg IJEBA6 15,208,77

VP1970000 SALVINIA NATANS Hoffm., extract
DEF:Indian plant belonging to the family SALVINIACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: INDURKAMI-PANA EXTRACT
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-mus LD50:70 mg/kg IJEBA6 12,512,74
SALVO see: AG6825000
SALVO see: CH7525000
SALVO LIQUID see: DG0875000
SALVO POWDER see: DG0875000
SALYMID see: VN6475000
SAMID see: VN6475000
SALYZORON see: NK7875000
SALZBURG VITRIOL see: GL8900000
SAM see: VN6475000

VP2410000 SAMANEA SAMAN (Jacq.) Merr., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:93700 ug/kg IJEBA6 15,208,77

VP2420000 SAMANEA SAMAN Merrill, leaf and stem extract
DEF:Jamaican plant belonging to the family MIMOSACEAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:2 gm/kg JPPMAB 14,556,62
SAMARIUMACETAT (German) see: AJ3890000
SAMARIUM ACETATE see: AJ3890000
SAMARON YELLOW PA3 see: AC3662000
SAMBAR EXTRACT (Indian) see: HG8928000
SAMBHALU SEED EXTRACT (Indian) see: ZB0924000

VP3215000 SAMBUCININ
UPDT:8306 CAS: 1393-18-6 MW: 470.68 MOLFM: C24-H42-N2-O7
TOXICITY DATA AND REFERENCES:
2H02J26 ivn-dog LDLo:4 mg/kg AIPTAK 118,258,59

VP3216000 SAMBUCUS ALBULUS Linn., extract
DEF:Indian plant belonging to the family CAPRIFOLIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1M10 ipr-rat LD50:250 mg/kg IJEBA6 16,228,78
SAMECIN see: QI8925000
SAMURON see: XZ0175000
SAN see: AU7337000
SAN 155 see: YL8300000
SAN 230 see: TE4375000
SAN 155I see: YL8300000
SAN 52056 see: TG0420000
SAN 52139 see: GQ4750000
SANAI EXTRACT (Indian) see: GP9031200
SANALGINE see: AM4375000
SANAMICIA see: AU1400000
SANAMID see: WQ8400000
SANAMYCIN see: AU1400000
SANASEED see: WL2275000
SANASTHYMYL see: TU3805000
SANATRICHOM see: NI5600000
SAN-C see: AT6978000
SANCAP see: XY4100000
SANCLOMYCINE see: QI8750000
SAN-CYAN see: GS7000000
SANCYCLAN see: OO8200000
SAND see: VV7330000
SAND ACID see: VV8225000
SAND ACID (DOT) see: VV8225000
SANDALWOOD OIL, EAST INDIAN see: SB3400000
SANDAMYCIN see: AU1400000
SANDESIN see: AU7175000
SANDIX see: OG5425000
SANDOCRYL BLUE BRL see: SO5600000
SANDOLIN see: GO9625000
SANDOLIN A see: GO9625000
SANDOPEL BLACK EX see: QJ6160000
SANDOPEL DARK GREEN B see: QJ6195050
SANDORMIN see: TI4375000
SANDOSCILL see: UK6650000
SANDOTHRENE GOLDEN YELLOW see: HO7030000
SANDOTHRENE PRINTING YELLOW see: HO7030000
SANDOZ 6538 see: TF6125000
SANDOZ 52139 see: GQ4750000
SANDOZ S-6900 see: TE1050000
SANDRIL see: ZG0350000
SANDRON see: ZG0350000
SANEDRINE see: KB0700000
SANEGYT see: MF5350000
SAN-EI AMARANTH see: QJ6550000
SAN-EI BRILLIANT SCARLET 3R see: GJ6530000
SAN-EI INDIGO CARMINE see: DU3000000
SAN-EI TARTRAZINE see: UQ6400000
SANEPIL see: MU1050000
SANFURAN see: LT7700000
SANG gamma see: GV4900000
SANGIVAMYCIN see: CB9376675
SANGUICILLIN see: XH8450000
SANGUINARIN see: VP5200000

VP5200000 SANGUINARINE
UPDT:8308 CAS: 2447-54-3 MW: 332.35 MOLFM: C20-H14-N-O4
SYN: (1,3)-BENZODIOXOLO(5,6-c)-1,3-DIOXOLO(4,5-i)PHENANTHRIDINIUM, 13-METHYL- (9CI) * DIMETHYLENEDIOXY BENZPHENANTHRIDINE * PSEUDOCHELERYTHRINE * SANGUINARIN * SANGUIRITRIN
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:18 mg/kg IJCAAR 5,183,68
* ipr-mus LD50:18 mg/kg 85GDA2 8(1),195,82
* scu-mus LD50:112 mg/kg 85GDA2 8(1),195,82
* ivn-mus LD50:22 mg/kg 85GDA2 8(1),195,82
SANGUIRITRIN see: VP5200000
SANGUIRITRIN see: DF4935470
SANGUIRITRINE see: DF4935470
SANGUIRYTHRINE see: DF4935470

VP5251000 SANGUISORBA OFFICINALIS L.
UPDT:8405
SYN: GARDEN BURNET
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T17T25T27 orl-mus TDLo:2744 gm/kg (28D pre/1-21D preg) JOENAK 12,273,55
1T14 orl-mus TDLo:1568 gm/kg (28D pre) JOENAK 12,273,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SAN 155 I see: YL8300000
SAN 197 I see: TF8350000
SAN 244 I see: TE1050000
SAN 6538 I see: TF6125000
SAN 6626 I see: TF6125000
SAN 6913 I see: TE1050000
SAN 7107 I see: TE1050000
SAN 52 139 I see: GQ4750000
SANICLOR 30 see: DA6650000
SANIPA see: XI2625000
SANIPRIOL-4 see: VO1225000
SANITIZED SPG see: OV6475000
SANLOSE SN 20A see: FJ5950000
SANLUOL see: SJ7175000
SANMARTON see: CY1576350
SANMORIN OT 70 see: WN0525000
SANOCIDE see: DA2975000
SANOCRISIN see: GO7550000
SANODIAZINE see: WP1925000
SANODIN see: RK0250000
SANOFLAVIN see: AR9065000

SANOGYL see: CF8400000
SANOHIDRAZINA see: NS1750000
SANOMA see: FB3325000
SANOQUIN see: VB2360000
SANOQUIN see: VB2450000
SANORIN see: NJ4375000
SANORIN-SPOFA see: NJ4375000
SAPHIZON-DP see: TD5600000
SANQUINON see: QL7525000
SANREX see: AT6978000
SANREX C see: AT6978000
SANREX SANC see: AT6978000
SANREX SAN-H see: AT6978000
SANSDOLOR see: TZ1225000
SANSEL ORANGE G see: QL4900000
SANSERT see: KE5400000

VP6533100 SANSEVIERIA spp., leaf and stem extract
DEF:Jamaican plant belonging to the family LILIACEAE (JPPMAB 16,115,64)
UPDT:8405
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:20 gm/kg JPPMAB 16,115,64

VP6533110 SANSEVIERIA CYLINDRICA Bojer, leaf or root extract
DEF:Indian plant belonging to the family LILIACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERFNCES:
2H30V30 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

VP6533130 SANSEVIERIA THYRSIFLORA Thumb., leaf extract
UPDT:8408
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:2857 mg/kg JTEHD6 1,939,76

VP6533150 SANSEVIERIA TRIFACTIATA Prain. var. LAURENTII, flower or leaf extract
UPDT:8406
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:30 gm/kg JTEHD6 1,939,76
* orl-mus LDLo:2857 mg/kg JTEHD6 1,939,76

VP6533200 SANSEVIERIA ZEYLANICA Willd., extract
DEF:Indian plant belonging to the family LILIACEAE (IJEBA6 9,91,71)
UPDT:8305
SYN: MURVA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:700 mg/kg IJEBA6 9,91,71

SANSPOR see: GW4900000

VP6534500 SANTALOIDES MINUS Scheffenb., extract excluding roots
DEF:Indian plant belonging to the family CONNARACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: NAGATRY EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:35 mg/kg IJEBA6 11,43,73

alpha-SANTALOL see: SB3400000
SANTALOL A see: SB3400000
SANTALOZONE see: QL3448000
SANTAR see: OW8750000
SANTAVY'S SUBSTANCE F see: GH0800000
SANTHEOSE see: XH2275000
SANTICIZER 160 see: TH9990000
SANTICIZER B-16 see: TI0535000
SANTICIZER M-17 see: TI2625000
SANTOBANE see: KJ3325000
SANTOBRITE see: SM6300000
SANTOBRITE see: SM6490000
SANTOCEL see: VV7310000
SANTOCHLOR see: CZ4550000
SANTOCURE see: DL6250000
SANTOCURE MOR see: DL5950000
SANTOFLEX 13 see: ST1100000
SANTOFLEX 36 see: ST2650000
SANTOFLEX 77 see: SS8400000
SANTOFLEX A see: VB8225000
SANTOFLEX AW see: VB8225000
SANTOFLEX IC see: SS8050000
SANTOMERSE 3 see: DB6825000
SANTOMERSE NO. 1 see: DB6825000
SANTOMERSE NO. 85 see: DB6825000
SANTONOX see: GP3150000
SANTONOX BM see: GP3150000
SANTONOX R see: GP3150000
SANTOPHEN see: GO7175000
SANTOPHEN see: SM6300000
SANTOPHEN 1 see: GO7175000
SANTOPHEN 20 see: SM6300000
SANTOPHEN 1 FLAKE see: GO7175000
SANTOPHEN I see: GO7175000
SANTOPHEN I GERMICIDE see: GO7175000
SANTOPHEN 1 SOLUTION see: GO7175000
SANTOQUIN see: VB8225000
SANTOQUINE see: VB8225000
SANTOTHERM see: TQ1350000
SANTOTHERM FR see: TQ1350000
SANTOUAR A see: MX6300000
SANTOVAR A see: MX6300000
SANTOWAX M see: WZ6470000
SANTOWAX P see: WZ6475000
SANTOWHITE CRYSTALS see: GP3150000
SANTOX see: TB1925000
SANTOX see: GP3150000
SANULCIN see: BP0693200
SANVEX see: FD1225000
SANWAPHYLLIN see: XH5907500
SANWAX 161P see: TQ3325000
SANYO BENZIDINE YELLOW-B see: AK4580000
SANYO CARMINE L2B see: CB6580000
SANYO FAST BLUE SALT B see: DD0875000
SANYO FAST RED 10B see: QJ1897000
SANYO FAST RED SALT 3GL see: BX1575000
SANYO FAST RED SALT TR see: XU5250000
SANYO FAST RED TR BASE see: XU5000000
SANYO GUM ORANGE A see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
SANYO LAKE RED C see: DB5500000
SANYO SCARLET PURE see: QK4247000
SANYO SCARLET PURE NO. 1000 see: QK4247000
SAOLAN see: FA2100000
SAP 104 see: BV8409000
SAPECRON see: TB8750000
SAPHICOL see: TD5600000
SAPHIZON see: TD5600000
SAPHOS see: TD5600000

VQ1282000 SAPINDUS LAURIFOLIUS Vahl., extract excluding roots
DEF:Indian plant belonging to the family SAPINDACEAE (IJEBA6 15,208,77)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 15,208,77

VQ1285000 SAPINDUS TRIFOLIATUS Linn., seed extract
UPDT:8408
SYN: RITHA, seed extract
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:700 mg/kg (1-7D preg) IJEBA6 16,1077,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VQ1290000 SAPIUM CORNUTUM Pax., bark extract
DEF:African plant belonging to the family EUPHORBIACEAE (TOERD9 1,329,78)
UPDT:8306
TOXICITY DATA AND REFERENCES:
3J16J22K30 ipr-mus LD50:2450 mg/kg TOERD9 1,329,78

VQ1291000 SAPIUM INDICUM Willd., stem bark extract
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 18,594,80

VQ1292000 SAPIUM SEBIFERUM (Linn.) Roxb., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 15,208,77)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

SAPODILLA SEED, extract see: AQ2771000
SAPONA RED LAKE RL-6280 see: QJ1897000

VQ1400000 SAPONIN
UPDT:8407 CAS: 8047-15-2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ipr-rat TDLo:350 mg/kg (9-22D preg) TRBMAV 30,319,72
TOXICITY DATA AND REFERENCES:
orl-mus LDLo:3000 mg/kg HBAMAK 4,1395,35
scu-mus LDLo:900 mg/kg HBAMAK 4,1395,35
ivn-mus LDLo:1000 mg/kg HBAMAK 4,1395,35
ivn-cat LDLo:46 mg/kg HBAMAK 4,1394,35
ivn-rbt LDLo:40 mg/kg HBAMAK 4,1394,35
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VQ1407000 SAPONIN, from XANTHOCEPHALUM MICROCEPHALA
SAPONIN-GYPSOPHILA see: RK0178000
UPDT:8407
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T26T34 ipr-rat TDLo:70 mg/kg (9-22D preg) TRBMAV 30,319,72
1T25 ipr-rat TDLo:350 mg/kg (9-22D preg) TRBMAV 30,319,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VQ1500000 SAPONINS, from rhizomes of COSTUS SPECIOSUS (Koen) Sm
UPDT:8408
SYN: COSTUS SPECIOSUS (Koen) Sm, saponins * KEU, saponins * KUST, saponins
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ipr-rat TDLo:500 mg/kg (5D pre) IJMRAQ 60,287,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SAPPILAN see: DB5250000
SAPPIRAN see: DB5250000
SAPRECON C see: FC1030000
SAPRECON C see: TB8750000

VQ1860000 SAPWOOD of LINDEN
UPDT:8305
SYN: L'AUBIER de TILIA SYLVESTRIS (French) * L'AUBIER de TILLEUL (French)
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1150 mg/kg AIPTAK 129,319,60
* orl-mus LD50:20 gm/kg AIPTAK 129,319,60
* ipr-mus LD50:1350 mg/kg AIPTAK 129,319,60

VQ1910000 SARACA INDICA Linn., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408
SYN: ASHOK, extract
TOXICITY DATA AND REFERENCES:
3F07M10U26 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

VQ2000000 SARAN
UPDT:8401 CAS: 8013-77-2 MOLFM: (C4-H5-Cl3)n
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:36 mg/kg CNREAB 15,333,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SARAN 683 see: KV9750000
SARAN 746 see: KV9750000
SARAN RESIN 683 see: KV9750000
SARCELL TEL see: FJ5950000

VQ2009800 SARCIDIN
UPDT:8310 CAS: 1393-19-7
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:666 mg/kg 85GDA2 5,335,81

SARCLEX see: YS9100000
SARCOCLORIN see: AY3675000

VQ2055000 SARCOCCA TRINERVIS Wight, extract
DEF:Indian plant belonging to the family BUXACEAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

SARCOCLORIN see: AY3600000
SARCOLYSIN see: AY3600000
DL-SARCOLYSIN see: AY3600000
L-SARCOLYSIN see: AY3675000
p-L-SARCOLYSIN see: AY3675000
SARCOLYSINE see: AY3600000
SARCOLYSINE see: AY3675000
D-SARCOLYSINE see: AY3370000

DL-SARCOLYSINE see: AY3600000
L-SARCOLYSINE see: AY3675000
SARCOMYCIN see: VQ4200000
SARCOSAN see: BV8058500
SARCOSET GM see: NJ0607000

VQ2980000 SARCOSINE, N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-
UPDT:8310 MW: 396.46 MOLFM: C18-H20-N8-O3
SYN: N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)SARCOSINE * 6-MAB-SARC
TOXICITY DATA AND REFERENCES:
* unk-rat LD50:365 mg/kg NEOLA4 29,43,82

VQ3150000 SARCOSINE, N-NITROSO-
UPDT:8401 CAS: 13256-22-9 MW: 118.11 MOLFM: C3-H6-N2-O3
SYN: GLYCINE, N-METHYL-N-NITROSO- * N-METHYL-N-NITROSOGLYCINE * N-NITROSOMETHYLGLYCINE * N-NITROSOSARCOSINE * NITROSO SARKOSIN (German) * NSAR
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:29 gm/kg/41W-C ARZNAD 19,1077,69
3V03D45J60 orl-mus TDLo:118 gm/kg/56W-C FEPRA7 33,596,74
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5000 mg/kg ZEKBAI 69,103,67
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 17,327,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 17,327,78
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VQ3325000 SARCOSINE, N-NITROSO-, ETHYL ESTER
UPDT:8412 CAS: 13344-50-8 MW: 146.17 MOLFM: C5-H10-N2-O3
SYN: N-NITROSOSARCOSINEETHYL ESTER * N-NITROSOSARCOSINE, ETHYL ESTER * NITROSO-SARKOSIN-AETHYLESTER
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:7900 mg/kg/23W-C NATWAY 50,99,63
2V03K60 ivn-rat TDLo:3900 mg/kg/39W-I ZEKBAI 69,103,67
2V01K60 orl-rat TD :160 gm/kg/8W-I JJIND8 71,75,83
2V03K60 orl-rat TD :9700 mg/kg/28W-C ARZNAD 19,1077,69
2V03K60 orl-rat TD :21 gm/kg/8W-I PUMTAG 16,355,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4000 mg/kg ZEKBAI 69,103,67
ivn-rat LD50:4000 mg/kg ZEKBAI 69,103,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SARIDON see: AM4375000
SARIN see: TA8400000
SARIN II see: TA8400000
SARKOLYSIN see: AY3675000
L-SARKOLYSIN see: AY3675000

VQ4200000 SARKOMYCIN
UPDT:8401 CAS: 11031-48-4 MW: 140.15 MOLFM: C7-H8-O3
SYN: CYCLOPENTANECARBOXYLIC ACID, 2-METHYLENE-3-OXO- * SARCOMYCIN
MUTATION DATA AND REFERENCES:
mmo-eug 10 ug/L NEOLA4 19,579,72
dni-eug 10 ug/L NEOLA4 19,579,72
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T26T34T35 scu-rat TDLo:25 mg/kg (6-10D preg) OSDIAF 14,107,65
1T53 scu-rat TDLo:25 mg/kg (6-10D preg) OSDIAF 14,107,65
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:8220 ug/kg/21W-I JAJAAA 8,168,55
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5600 mg/kg BSERAY 2,1261,78
ipr-mus LDLo:1000 mg/kg JAJAAA 8,57,55
* scu-mus LD50:600 mg/kg BSERAY 2,1261,78
* ivn-mus LD50:1200 mg/kg BSERAY 2,1261,78
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 22HAAD 6,409,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SARKOMYCIN B", SODIUM SALT see: GY2975000
SARKOMYCIN, SODIUM SALT see: GY2975000
S.A. R.L. see: DF1575000
SARMENTOLOSID (German) see: FH4919000

VQ5090000 SARMENTOSIDE D, AL-DIHYDRO-
UPDT:8406 MW: 584.73 MOLFM: C29-H44-O12
SYN: AL-DIHYDROSARMENTOSIDE D
TOXICITY DATA AND REFERENCES:
* ivn-cat LD50:4757 ug/kg AIPTAK 140,8,62

VQ5100000 SARMENTOSIDE E
UPDT:8406 CAS: 545-32-4 MW: 564.69 MOLFM: C29-H40-O11
TOXICITY DATA AND REFERENCES:
* ivn-cat LD50:5565 ug/kg AIPTAK 140,8,62

SARODORMIN see: MA4725000
SAROLEX see: TF3325000
SAROMET see: DF1575000
SAROTEN see: HO9450000
SAROTENE see: HO9450000
SARPAGAN see: ZG0350000
SARPAGEN see: ZG0350000
SARPAN see: AX7875000
SARPHONKA EXTRACT (Indian) see: WY8420000
SARPIFAN HP 1 see: AK0950000
SARRACIN see: EM9251400
SARRACINE see: EM9251400
SARTOMER SR 206 see: OZ4400000
SARTOMER SR 220 see: AS7350000
SARTOMER SR 351 see: AT4810000
SARTOSONA see: XI0350000
S.A.S.-500 see: VO6250000
SAS 538 see: WM9645000
SASEROL see: TZ1225000
SA 96 SODIUM SALT see: HA2422000
SASP see: VO6250000

VQ5946000 SASSAFRAS
DEF:SAFROLE-FREE ETHANOL extract of sassafras albidum root bark (JNCIAM 60,683,78)
UPDT:8401
SYN: SASSAFRAS ALBIDUM
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),825,82
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:3540 mg/kg/59W-I JNCIAM 60,683,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SASSAFRAS ALBIDUM see: VQ5946000
SASTRIDEX see: CB4375000
SATANOLON see: TM4970500
SATECID see: AE1575000
SATIAGEL GS350 see: FI0700000
SATIAGUM 3 see: FI0700000
SATIAGUM STANDARD see: FI0700000
SATINITE see: EW4150000
SATIN SPAR see: EW4150000
SATI RHIZOME EXTRACT (Indian) see: GS3776300
SATISFAR see: TF8350000
SATIVIN see: NX8944000
SATOL see: RG4120000
SATOX 20WSC see: TA0700000
SATPUR EXTRACT (Indian) see: ZC4680600
SATRANGI EXTRACT (Indian) see: VN3682000
SATURN see: EZ7260000
SATURN BROWN LBR see: GL7375000
SATURNO see: EZ7260000
SATURN RED see: OG5425000
SAUNF FRUIT EXTRACT (Indian) see: TK3770000

VQ5955000 SAURAUIA ROXBURGHII Wall., extract excluding roots
DEF:Indian plant belonging to the family ACTINIDIACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

VQ5959000 SAURAUJA NAPAULENSIS DC., extract excluding roots
DEF:Indian plant belonging to the family DILLENIACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: GHULO-GOGUN EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

SAURE DES PHYTINS (German) see: NM7525000

VQ6060000 SAUROMATUM GUTTATUM Schott., fruit extract
DEF:Indian plant belonging to the family ARACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:750 mg/kg IJEBA6 16,228,78

VQ6070000 SAUROMATUM GUTTATUM Schott., root extract
DEF:Indian plant belonging to the family ARACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

VQ6090000 SAUROPUS ALBICANS Bl., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: BANBOGARI EXTRACT
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:94 mg/kg IJEBA6 12,512,74

SAUSSUREA CANDICANS Clarke, extract see: VQ6095000 SAUSSUREA HETEROMALLA (D. Don) Hand.-Mazz., extract

VQ6095000 SAUSSUREA HETEROMALLA (D. Don) Hand.-Mazz., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 15,208,77)
UPDT:8408
SYN: SAUSSUREA CANDICANS Clarke, extract
TOXICITY DATA AND REFERENCES:
2F07U26 ipr-mus LD50:1 gm/kg IJEBA6 15,208,77

SAUTERALGYL see: NS5950000
SAUTERAZID see: NS1750000
SAUTERZID see: NS1750000
SAVAC see: UR8750000
SAVACOTYL see: QS3675000
SAXIN see: DE4550000
SAVENTRINE see: DO1925000

VQ6250000 SAVORY OIL (SUMMER VARIETY)
UPDT:8305 CAS: 8016-68-0
IRRITATION DATA AND REFERENCES:
skn-mus 100% FCTXAV 14,859,76
skn-rbt 500 mg/24H SEV FCTXAV 14,859,76
skn-gpg 100% SEV FCTXAV 14,859,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1370 mg/kg FCTXAV 14,859,76
* skn-gpg LD50:340 mg/kg FCTXAV 14,859,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SAX see: VO0525000
SAXIN see: DE4200000
SAVENTRINE see: DO1750000
SAXITON (BCI) see: UY8708500
SAXITON HYDRATE see: UY8708500
SAXOL see: PY8030000
SAXOSOZINE see: WO9100000
SAYFOR see: TD5600000
SAYFOS see: TD5600000
SAYPHOS see: TD5600000
SAYTEX 102 see: KN3525000
SAYTEX 102E see: KN3525000
S-AZO RUBINE see: QJ6550000
SAZZIO see: AZ5775000
SB see: WM9640000
SB-23 see: CY1225000
Sb-57 see: AI4720000
Sb-58 see: JO6150000
Sb-71 see: AF5810000
SB 502 see: EI7351000
S.2-8368 see: WH1312200
SB 5833 see: EZ9033500
S.B.A. see: EO1750000
SBA 0108E see: CQ8750000
SB 475K see: WL6475000
SBO see: WN0525000
SBP-1382 see: GZ1310000
SBP-1390 see: GZ1310500
SBP-1513 see: GZ1255000
S.B. PENICK 1382 see: GZ1310000
SBS see: WL6478000
SBS (BLOCK POLYMER) see: WL6478000
SBS COPOLYMER see: WL6478000

VQ6752000 SBS-I
UPDT:8408 CAS: 63099-98-9

TOXICITY DATA AND REFERENCES:
3M10R21U25 ipr-mus LD50:115 mg/kg IJMRAQ 65,441,77
SC-110 see: OV6475000
SC 2538 see: SO4900000
SC 2910 see: BP7632500
SC-3171 see: BP8249200
SC-3296 see: SB4450000
SC-3402 see: YV8200000
S.C. 3497 see: YQ8665000
SC 4641 see: RC8899550
SC-4642 see: RC8980000
SC 4722 see: FZ8708000
SC 4725 see: RC8960000
SC 5233 see: TU4810000
SC 5914 see: RC8961200
SC-6924 see: KG7550000
SC 7031 see: UR8432000
SC-7525 see: KG7885000
SC-8117 see: KG8017000
SC 9022 see: KG8020000
SC 9263 see: KG7747000
SC 9420 see: TU4725000
SC 9794 see: OB4200000
SC 9880 see: TU5024000
SC 10295 see: NI5600000
SC10363 see: TU4075000
SC 11585 see: RN6800700
SC 11800 see: RC8963000
SC 11927 see: TU4650000
SC 12222 see: RC8962000
SC 12937 see: BV8223000
SC 13957 see: UR8440000
SC 15090 see: XH2275000
SC 15983 see: TU4725000
SC 24566 see: UR8462000
SC 27166 see: CL5629500
SC 28762 see: DU3120000
SCABANCA see: DG4200000
SCALDIP see: JJ7800000
SCANBUTAZONE see: UQ8225000
SCANDICAIN see: TK6475000
SCANDISIL see: WO9030000
SCAPUREN see: XO1605800
SCARCLEX see: YS9100000
S-3-CARENE see: FH8400000
SCARLET BASE CIBA II see: XU8225000
SCARLET BASE IRGA II see: XU8225000
SCARLET BASE NSP see: XU8225000
SCARLET B FAT SOLUBLE see: QK4250000
SCARLET G BASE see: XU8225000
SCARLET PIGMENT RN see: QK4247000
SCARLET R see: QJ6825000
SCARLET 2R see: QJ6825000
SCARLET 2RB see: QJ6825000
SCARLET RED see: QL5775000
SCARLET RED, BIEBRICH see: QL5775000
SCARLET 2RL see: QJ6825000
SCARLET 2RL BLUISH see: QJ6825000
SCARLET R (MICHAELIS) see: QL5775000
SCARLET RRA see: QJ6825000
SCARLET TONER Y see: DB5500000
SCATOLE see: NM0350000
SC 11800 EE see: RC8945300
SCH see: UG5700000
SCH 286 see: MJ8810000
Sch 1000 see: YM3700000
SCH 1204 see: UF6060000
SCH 1205 see: UF3490000
SCH 1206 see: UE6118000
SCH 1207 see: UE8540000
SCH 1208 see: UF6133000
SCH 1209 see: UE7630000
SCH 1307 see: CV7418010
SCH 1502 see: UE3000000
SCH 1503 see: UE3010000
SCH 1504 see: UE3023000
SCH 1505 see: UE3020000
SCH 1902 see: UY1225100
SCH 1905 see: DC8426350
SCH 1906 see: TM8588870
SCH 1908 see: DC7540010
SCH 1909 see: DC7540000
SCH 1910 see: QE9109000
SCH 1921 see: TN5077000
SCH 1924 see: QE2978000
SCH 1926 see: TM7540000
SCH 2161 see: TN4699000
Sch 4831 see: TU4000000
Sch 5706 see: ON9110800
SCH 6673 see: OB4180000
SCH 7307 see: FB3325000
SCH 9384 see: SK1225000
SCH 9724 see: LY2625000
SCH 10015 see: RC8974500
SCH 10304 see: QT0960000 NICOTINIC ACID, 2-(3-CHLORO-o-TOLUIDINO)-
SCH 10649 see: DE8025500
SCH 11527 see: UU3675000
SCH 12600 see: TU3801000
SCH 12650 see: UT4755400
SCH 13475 see: WK2284900
SCH 13521 see: UG5700000
Sch 14947 see: JG6800000
SCH 16134 see: DE9710000
SCH 20569 see: WK2286000
SCH 28191 see: BU2811000
alpha-SCHARDINGER DEXTRIN see: GU2292000
SCHARDINGER beta-DEXTRIN see: GU2293000
SCHARLACH B see: QL4900000
SCHARLACHROT see: QL5775000

SCH CHLORIDE see: GA2360000
SCHEELES GREEN see: CG3385000
SCHEELE'S MINERAL see: CG3385000

VR1445500 SCHEFFLERA CAPITATA Harms., extract excluding roots
DEF:Indian plant belonging to the family ARALIACEAE (IJEBA6 15,208,77)
UPDT:8406
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:188 mg/kg IJEBA6 15,208,77

VR1446000 SCHEFFLERA HYPOLEUCA (Kurz.) Harms., extract excluding roots
DEF:Indian plant belonging to the family ARALIACEAE (IJEBA6 11,43,73)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

VR1447000 SCHEFFLERA VENULOSA (Seem.) Forst., extract excluding roots
DEF:Indian plant belonging to the family ARALIACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: RAVINTA EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:200 mg/kg IJEBA6 11,43,73
SCHEMERGIN see: UQ8225000
SCHERING 34615 see: FB8050000
SCHERING 36056 see: FC2800000
SCHERING 36103 see: FB9880000
SCHERING 36268 see: LQ4375000
SCHERING 36268 see: LQ4550000
SCHERING 38107 see: FD0425000
SCHERING-38584 see: FD9050000
SCHERISOLON see: TU4152000
SCHEROSON see: GM9020000
SCHEROSON see: GM9140000
SCHEROSON F see: GM8925000
SCH 1000 HYDRATE see: YM3701000

VR1690000 SCHIMA WALLICHII Choisy, extract excluding roots
DEF:Indian plant belonging to the family THEACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: NAGAVEDI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:45 mg/kg IJEBA6 11,43,73
SCHINOPSIS LORENTZII TANNIN see: UZ3400000

VR1720000 SCHINUS MOLLE OIL
UPDT:8305 CAS: 68917-52-2
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,861,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
SCIHSTOSOMICIDE see: XO1605800

VR1780000 SCHLEICHERA OLEOSA (Lour.) Merr., extract excluding roots
DEF:Indian plant belonging to the family SAPINDACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: KOSUM EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 9,91,71

VR1850000 SCHOENOPLECTUS CORYMBOSUS (Roth. ex R. & S. Ranyal), extract
DEF:Indian plant belonging to the family CYPERACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

VR1900000 SCHOENOPLECTUS LITORALIS (Schrad.) Palla, extract
DEF:Indian plant belonging to the family CYPERACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:125 mg/kg IJEBA6 18,594,80
SCHRADAN see: UX5950000
SCHRADANE (French) see: UX5950000
SCH 21420 SULFATE see: WK1973200
SCHULTENITE see: CG0980000
SCHULTZ NO. 31 see: QK4250000
SCHULTZ NO. 39 see: QJ6500000
SCHULTZ NO. 95 see: QJ6825000
SCHULTZ NO. 541 see: QL5775000
SCHULTZ NO. 737 see: UQ6400000
SCHULTZ NO. 770 see: BQ4550000
SCHULTZ NO.853 see: BQ1450000
SCHULTZ NO. 1038 see: SO5600000
SCHULTZ NO. 1041 see: SG1225000
SCHULTZ-TAB. NO. 779 (German) see: CX9850000
SCHUTTGELB see: CB7920600
SCH 15719W see: CV5376000
SCH 18020W see: TU3805000
SCHWEFELKOHLENSTOFF (German) see: FF6650000
SCHWEFEL-LOST see: WQ0900000
SCHWEFELSAEURELOESUNGEN (German) see: WS5600000
SCHWEFELWASSERSTOFF (German) see: MX1225000
SCHWEFLIGE SAURE (German) see: WT2775000
SCHWEINFURTERGRUN see: GL6475000
SCHWEINFURT GREEN see: GL6475000
SCHWEINFURTH GREEN see: GL6475000
SCILLACRIST see: UK6650000
SCILLA 'DIDIER' see: UK6650000
SCILLAGLYKOSID A (German) see: EI3325000

VR2625000 SCILLAREN
UPDT:8403 CAS: 11003-70-6
TOXICITY DATA AND REFERENCES:
scu-rat LDLo:10 mg/kg HBTXAC 1,266,55
ivn-rat LDLo:12 mg/kg AEPPAE 177,60,34
ivn-cat LDLo:180 ug/kg 27ZWAY E.1,78,-
orl-rbt LDLo:900 ug/kg 27ZWAY E.1,78,-
scu-rbt LDLo:700 ug/kg 27ZWAY E.1,78,-
ivn-rbt LDLo:450 ug/kg 27ZWAY E.1,78,-
scu-frg LDLo:800 ug/kg 27ZWAY E.1,78,-
SCILLAREN A see: EI3325000
SCILLARENIN see: EI3500000
beta-SCILLARENIN see: EI3500000
SCILLARENIN, 3-alpha-L-RHAMNOPYRANOSIDE see: UK6650000
SCILLARENIN 3-beta-RHAMNOSIDE see: UK6650000
SCILLIROSID see: VR3520000
SCILLIROSIDE see: VR3520000

VR3520000 SCILLIROSIDE, (3-beta,6-beta)-
UPDT:8403 CAS: 507-60-8 MW: 620.76 MOLFM: C32-H44-O12
SYN: 3-beta,6-beta-6-ACETYLOXY-3-(beta-D-GLUCOPYRANOSYLOXY)-8,14-DIHYDROXYBUFA-4,20,22-TRIENOLIDE * 6-beta-(ACETYLOXY)-3-beta-(beta-D-GLUCOPYRANOSYLOXY)-8,14-DIHYDROXYBUFA-4,20,22-TRIENOLIDE * SCILLIROSID * SCILLIROSIDE * SILMURIN
TOXICITY DATA AND REFERENCES:
orl-rat LD50:430 ug/kg GUCHAZ 6,466,73

1F12 orl-mus LD50:440 ug/kg APTOA6 8,391,52
1F12 scu-mus LD50:471 ug/kg APTOA6 8,391,52
ivn-cat LD50:130 ug/kg JPETAB 103,420,51
orl-ckn LD50:400 mg/kg 85DPAN -,-,71/76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85ELDJ -,194,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SCILLIROSIDE GLYCOSIDE see: VF7350000
3-beta-SCILLOBIOSIDO-14-beta-HYDROXY-delta-4,20,22-BUFATRIENOLID (German) see: EI3325000
SCINNAMINA see: ZG0700000
SCINTILLAR see: 7E2625000
SCLAIR 59 see: TQ3325000
SCLAIR 2911 see: TQ3325000
SCLAIR 19A see: TQ3325000
SCLAIR 96A see: TQ3325000
SCLAIR 59C see: TQ3325000
SCLAIR 79D see: TQ3325000
SCLAIR 11K see: TQ3325000
SCLAIR 19X6 see: TQ3325000
SCLAVENTEROL see: RQ3675000

VR3547000 SCLERIA LEVIS Retz., extract
DEF:Indian plant belonging to the family CYPERACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 15,208,77
SCLEX see: RP8480000
S-CMC see: AY4341000
SCOBRO see: YM3500000
SCOBRON see: YM3500000
SCOBUTIL see: YM3500000
SCOBUTYL see: YM3500000
SCOLAZIL see: TZ0175000
SCOLINE see: GA2360000
SCOLINE CHLORIDE see: GA2360000
SCON 5300 see: KV0350000
SCONATER see: AT6970000
SCONATER 442MA see: AT6970000
SCONATEX see: AK0950000
SCONATEX see: KV9275000
SCOPAMIN see: YM4550000
SCOPARON see: GN6550000
SCOPARONE see: GN6550000
SCOPINE TROPATE see: VR3675000

VR3675000 SCOPOLAMINE
UPDT:8412 CAS: 51-34-3 MW: 303.39 MOLFM: C17-H21-N-O4
SYN: ATROCHIN * ATROQUIN * 6-beta,7-beta-EPOXY-3-alpha-TROPANYL S-(-)-TROPATE * EPOXYTROPINE TROPATE * HYOSCEINE * HYOSCINE * (-)-HYOSCINE * HYOSOL * ISOPTO HYOSCINE * OSCINE * 3-OXA-9-AZATRICYCLO(3.3.1.O(sup 2,4))NONAN-7-OL, 9-METHYL-, TROPATE (ester) * SCOPINE TROPATE * (-)-SCOPOLAMINE * TROPIC ACID, ESTER with SCOPINE * TROPIC ACID, 9-METHYL-3-OXA-9-AZATRICYCLO(3.3.1.O(sup 2,4))NON-7-YL ESTER
MUTATION DATA AND REFERENCES:
cyt-hmn:leu 1 pph/22H 22XWAN -,367,70
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T83T85 ipr-mus TDLo:1 mg/kg (13D preg) FEPRA7 31,596,72
TOXICITY DATA AND REFERENCES:
3A10F08F13 scu-hmn TDLo:2 ug/kg JPETAB 137,133,62
1F08 ims-man TDLo:24 ug/kg FEPRA7 32,250,73
2F11F21 orl-mus LD50:1275 mg/kg AIPTAK 134,255,61
scu-mus LD50:1700 mg/kg JPETAB 56,85,36
* ivn-mus LD50:100 mg/kg JMCMAR 26,1772,83
scu-rbt LDLo:75 mg/kg HBAMAK 4,1289,35
ivn-rbt LDLo:50 mg/kg HBAMAK 4,1289,35
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLANA4 10(pt.1),11,73; DPIRDU 2,16,82
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
(-)-SCOPOLAMINE see: VR3675000
SCOPOLAMINE BROMIDE see: YM4550000
(-)-SCOPOLAMINE BROMIDE see: YM4550000
SCOPOLAMINE BROMOBUTYLATE see: YM3500000
SCOPOLAMINE BUTOBROMIDE see: YM3500000
SCOPOLAMINE BUTYL BROMIDE see: YM3500000
SCOPOLAMINE N-BUTYL BROMIDE see: YM3500000
SCOPOLAMINE HYDROBROMIDE see: YM4550000
(-)-SCOPOLAMINE HYDROBROMIDE see: YM4550000

VR4290000 SCOPOLAMINE, HYDROCHLORIDE
UPDT:8302 CAS: 55-16-3 MW: 339.85 MOLFM: C17-H21-N-O4 Cl-H
SYN: HYOSCINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1E16 ipr-mus LD50:104 mg/kg ATXKA8 29,39,72
SCOPOLAMINE METHOBROMIDE see: YM3675000
SCOPOLAMINE METHYLBROMIDE see: YM3675000
(-)-SCOPOLAMINE METHYL BROMIDE see: YM3675000
SCOPOLAMINIUM BROMIDE see: YM4550000
SCOPOLAMMONIUM BROMIDE see: YM4550000
SCOPOLAN see: YM3500000
SCOLOPENDRA SUBSPINIPES DEHAANI BRANDT VENOM see: YX3963530
SCOPOS see: YM4550000
SCORBACID see: CI7650000
SCORBAMIC ACID see: CI7662000
L-SCORBAMIC ACID see: CI7662000
SCORBAMINIC ACID see: CI7662000
SCORBU-C see: CI7650000
SCORPAENA GUTTATA VENOM see: YX4183590
SCOT see: QC8050000
SCOTCH PAR see: TR2725000
SCOTCIL see: XH9700000
SC 7031 PHOSPHATE see: UR8440000
SCROBIN see: UE9480000

VR5600080 SCROPHULARIA HIMLENSIA Royle., extract
DEF:Indian plant belonging to the family SCROPHULARIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

VR5600090 SCROPHULARIA SCOPOLII Hoppe., extract
DEF:Indian plant belonging to the family SCROPHULARIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1G08 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78
SCURENALINE see: DO2625000
SCUROCAINE see: DG2275000
SCUROCAINE see: DG2100000

VR6110000 SCUTELLARIA GROSSA Wall., leaf extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

VR6115000 SCUTELLARIA SCANDENS D. Don, extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78
* ipr-mus LD50:1 gm/kg IJEBA6 18,594,80
SCUTL see: OV6475000
SCYAN see: XL2275000
SCYLLITOL NITRATE see: NM7536200
SD 25 see: FA4375000
SD 188 see: WL6475000
SD-345 see: UC9625000
SD 354 see: WL6478000
SD 709 see: AR9275000
SD-1750 see: TC0350000
SD 1897 see: TX8750000
SD 1996 see: TB9670000
SD 2218 see: TB9350000
SD 2244 see: TC0650000
SD 2580 see: EK7785000
SD 3450 see: IO2275000
SD 3562 see: TC3850000
SD 3945 see: GQ4430000
SD 4072 see: TB8750000
SD 4,239 see: GQ4375000
SD 4281 see: GQ4460000
SD 4294 see: GQ5075000
SD 4402 see: PC1225000
SD 4442 see: GQ4350000
SD 4741 see: TG3850000
SD 4893 see: GQ4230000
SD 5220 see: UD1842000
SD 5532 see: PB9800000
SD 5539 see: GQ5300000
SD 6056 see: TB9700000
SD 6093 see: ES8350000
SD 6097 see: GQ4280000
SD 6162 see: GQ4490000
SD-6460 see: TB9500000
SD-6830 see: MC0570000
SD 6838 see: GQ5280000
SD 6931 see: GQ5290000
SD-7053 see: TG2810000
SD 7078 see: TB8940000
SD 7079 see: TB8935000
SD-7169 see: TB8470000
SD 7172 see: TB9420000
SD 7297 see: MC0590000
SD-7300 see: AI2850000
SD 7319 see: GQ4520000
SD 7393 see: ES9010000
SD 7394 see: TB8473000
SD 7400 see: TB9400000
SD 7438 see: TD4900000
SD 7554 see: TC2350000
SD 7565 see: TB6600000
SD 7587 see: TB8925000
SD 7859 see: TB8750000
SD 7961 see: CV3850000
SD 8210 see: TB8600000
SD 8280 see: TB8805000
SD-8436 see: TB8569900
SD 8447 see: TB9100000
SD 8448 see: TB8970000
SD 8530 see: FC8575000
SD 8591 see: NJ4900000
SD-8803 see: TE7500000
SD 8949 see: TB8448000
SD-8964 see: TB8570000
SD 8967 see: TB8440000
SD 8970 see: TB8430000
SD 8988 see: TB8460000
SD 8989 see: TB8450000
SD 9020 see: TE7600000
SD 9052 see: TB8550000
SD 9098 see: TE7525000
SD 9102 see: TB9105000
SD 9129 see: TC4375000
SD 9174 see: TE7400000
SD 9320 see: TE6950000
SD 9321 see: TE6900000
SD-10268 see: TD4150000
SD-10576 see: PB9520000
SD 11478 see: MC0580000
SD 11831 see: BY6200000
SD 14114 see: JN8770000
SD 14999 see: AK2975000
SD 15418 see: UG1490000
SD 171-02 see: XK6360000
SD 210-32 see: TM6607000
SD 211-04 see: TM3153700
SD 211-05 see: TM3395700
SD 211-06 see: TM3153600
SD 211-07 see: TM3153650
SD 211-10 see: TM3153900
SD 211-11 see: TM3152000
SD 211-23 see: TM3153200
SD 211-34 see: TM3153400
SD 211-40 see: TM3395130

SD 211-41 see: TM3395150
SD 211-42 see: TM3395100
SD 270-31 see: SO9400000
SD 270-36 see: SO9500000
SD 271-12 see: SH0683700
SD 30,053 see: UE7550000
SD 41706 see: GZ2090000
SD 43775 see: CY1576350
SDA see: WP1925000
S DC 200 see: JT6485000
SDDC see: FD3500000
SDEH see: MV2275000
SD 2124-01 HYDROCHLORIDE see: UA9830100
(+-)-SD 2124-01 HYDROCHLORIDE see: UA9830130
SDIC see: XZ1900000
SDK-12A see: KS0320000
SDM see: WO9030000
SDMH see: MV2625000
SDM No.5 see: OP3000000
SDM No. 23 see: RZ2620030
SDM No. 35 see: RZ2620000
SDMO see: WO9150000
SDMO see: WO9030000
SDmP see: DA9495000
SDP 640 see: TQ3325000
SDPH see: MU1400000
SD 345 (POLYMER) see: WL6478000
SD 8988 (SHELL) see: TB8460000
SDT 91 see: CC2850000
SDT 1041 see: AE3850000
S. DYSENTERIAE TOXIN see: XW5883000
SE-1520 see: CV2449850
SEA COAL (DOT) see: GF8300000
SEAKEM CARRAGEENIN see: FI0700000
SEAKEM 3 & LCM see: FI0700000
SEA-LEGS see: TL1970000
SEA NETTLE VENOM see: YX4183790
SEARLE 703 see: UR8432000
SEARLE 27166 see: CL5629500

VS0560000 SEARS HEAVY DUTY LAUNDRY DETERGENT
DEF:SODIUM CARBONATE, Sears Roebuck and Co. (FCTXAV 14,78,76)
UPDT:8305
TOXICITY DATA AND REFERENCES:
1K30 orl-dog LDLo:2500 mg/kg FCTXAV 14,78,76
* orl-pig LDLo:2500 mg/kg FCTXAV 14,78,76

SEA SALT see: VZ4725000
SEASPEN PF see: FI0700000
SEATREM see: FI0700000
SEAWATER MAGNESIA see: OM3850000

VS0875000 SEBACIC ACID
UPDT:8412 CAS: 111-20-6 MW: 202.28 MOLFM: C10-H18-O4
SYN: DECANEDIOIC ACID * 1,8-OCTANEDICARBOXYLIC ACID * USAF HC-1
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3400 mg/kg GISAAA 48(9),72,83
orl-mus LD50:6000 mg/kg BIJOAK 34,1196,40
ipr-mus LD50:500 mg/kg NTIS** AD277-689
* ipr-mam LD50:1175 mg/kg GTPZAB 24(5),48,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VS1000000 SEBACIC ACID, BIS(2-ETHYLHEXYL)ESTER
UPDT:8408 CAS: 122-62-3 MW: 426.76 MOLFM: C26-H50-O4
SYN: BIS(2-ETHYLHEXYL)SEBACATE * BISOFLEX DOS * DECANEDIOIC ACID, BIS(2-ETHYLHEXYL) ESTER * DI(2-ETHYLHEXYL)SEBACATE * DIOCTYL SEBACATE * DOS * 2-ETHYLHEXYL SEBACATE * 1-HEXANOL, 2-ETHYL-, SEBACATE * MONOPLEX DOS * OCTOIL S * OCTYL SEBACATE * PX 438 * STAFLEX DOS * UNIFLEX DOS
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1280 mg/kg 14CYAT 2,1883,63
ivn-rat LD50:900 mg/kg MRLR** No.256,54
* orl-mus LD50:9500 mg/kg 85GMAT -,62,82
ivn-rbt LD50:540 mg/kg MRLR** No.256,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VS1150000 SEBACIC ACID, DIBUTYL ESTER
UPDT:8408 CAS: 109-43-3 MW: 314.52 MOLFM: C18-H34-O4
SYN: BIS(n-BUTYL)SEBACATE * DECANEDIOIC ACID, DIBUTYL ESTER * DIBUTYL SEBACATE * DI-n-BUTYL SEBACATE * KODAFLEX DBS * MONOPLEX DBS * POLYCIZER DBS * PX 404 * STAFLEX DBS
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 orl-rat TDLo:418 gm/kg (10W male/10D pre) AMIHBC 7,310,53
TOXICITY DATA AND REFERENCES:
orl-rat LD50:16 gm/kg NPIRI* 2,22,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VS1180000 SEBACIC ACID, DIETHYL ESTER
UPDT:8305 CAS: 110-40-7 MW: 258.40 MOLFM: C14-H26-O4
SYN: BISOFLEX DES * DIETHYL DECANEDIOATE * DIETHYL 1,10-DECANEDIOATE * DIETHYL SEBACATE * ETHYL SEBACATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 16,705,78
TOXICITY DATA AND REFERENCES:
2F07R21 orl-rat LD50:14470 mg/kg FCTXAV 2,327,64
2F07M10 orl-gpg LD50:7280 mg/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SEBACIL see: MD4740000
SEBACOYLDIOXYBIS(TRIBUTYLSTANNANE) see: WH8602000
SEBAR see: CP9800000
SEBIZON see: AC8450000
SECACORNIN see: KE5075000
SECAGYN see: KE8225000
SECALONIC ACID A see: EC2462000
SECALONIC ACID D see: EC2460000
SECBUBARBITAL see: CQ1750000
SECBUMETON see: XY4980000
SECBUTABARBITAL see: CQ1750000
SECBUTOBARBITONE see: CQ1750000
SECLAR see: UE3150000
SECLIN see: DT7361000
SECO 8 see: CP9800000

VS2190000 4,21-SECOAJMALAN-4-ETHANOL, alpha-((DIETHYLAMINO)METHYL)-17-HYDROXY-, (17R)-
UPDT:8308 CAS: 58893-16-6 MW: 441.73 MOLFM: C27-H43-N3-O2
SYN: (17R)-alpha-((DIETHYLAMINO)METHYL)-17-HYDROXY-4,21-SECOAJMALAN-4-ETHANOL
TOXICITY DATA AND REFERENCES:
1G30 ivn-rat LD50:4300 ug/kg PHARAT 31,36,76

VS2192000 4,21-SECOAJMALAN-17-OL, 4-(2-(DIETHYLAMINO)ETHYL)-, (17R)-
UPDT:8308 CAS: 58893-13-3 MW: 411.70 MOLFM: C26-H41-N3-O
SYN: (17R)-4-(2-(DIETHYLAMINO)ETHYL)-4,21-SECOAJMALAN-17-OL
TOXICITY DATA AND REFERENCES:
1G30 ivn-rat LD50:3500 ug/kg PHARAT 31,36,76

VS2192500 4,21-SECOAJMALAN-17-OL, 4-(2-(DIETHYLAMINO)ETHYL)-, (17R,20-alpha)-
UPDT:8308 CAS: 58918-26-6 MW: 411.70 MOLFM: C26-H41-N3-O
SYN: (17R,20-alpha)-4-(2-(DIETHYLAMINO)ETHYL)-4,21-SECOAJMALAN-17-OL
TOXICITY DATA AND REFERENCES:
1G30 ivn-rat LD50:4 mg/kg PHARAT 31,36,76

VS2195000 4,21-SECOAJMALAN-17-OL, 4-(2-PIPERIDINOETHYL)-, (17R)-
UPDT:8308 CAS: 58893-14-4 MW: 423.71 MOLFM: C27-H41-N3-O
SYN: (17R)-4-(2-PIPERIDINOETHYL)-4,21-SECOAJMALAN-17-OL
TOXICITY DATA AND REFERENCES:
1G30 ivn-rat LD50:5400 ug/kg PHARAT 31,36,76

VS2195500 4,21-SECOAJMALAN-17-OL, 4-(2-PIPERIDINOETHYL)-, (17R,20-alpha)-
UPDT:8308 CAS: 58918-27-7 MW: 423.71 MOLFM: C27-H41-N3-O
SYN: (17R,20-alpha)-4-(2-PIPERIDINOETHYL)-4,21-SECOAJMALAN-17-OL
TOXICITY DATA AND REFERENCES:
1G30 ivn-rat LD50:5200 ug/kg PHARAT 31,36,76

VS2200000 13,17-SECOANDROSTA-1,4-DIEN-17-OIC ACID, 13-HYDROXY-3-OXO-, delta-LACTONE
UPDT:8308 CAS: 968-93-4 MW: 300.43 MOLFM: C19-H24-O3
SYN: delta(sup 1)-DEHYDROTESTOLACTONE * 1-DEHYDROTESTOLOLACTONE * 1,2-DEHYDROTESTOLOLACTONE * 1,2-DIDEHYDROTESTOLOLACTONE * FLUDESTRIN * D-HOMO-17a-OXAANDROSTA-1,4-DIENE-3,17-DIONE * SQ 9538 * TEOLIT * TESLAC * TESLAK * TESTOLACTON * TESTOLACTONE * delta(sup 1)-TESTOLACTONE
MUTATION DATA AND REFERENCES:
oms-bcs 25 mg/L NKRZAZ 26,309,80

SECOBARBITAL see: CP9450000
(+-)-SECOBARBITAL see: CP9450100
R(+)-SECOBARBITAL see: CP9450200
S(-)-SECOBARBITAL see: CP9450300
SECOBARBITAL EPOXIDE see: CQ4376000
SECOBARBITAL SODIUM see: CP9800000
SECOBARBITONE see: CP9450000
SECOBARBITONE see: CP9800000
SECOBARBITONE SODIUM see: CP9800000

VS2750000 7,13-alpha-SECOBERBIN-13-alpha-ONE, 9,10-(2-BROMOMETHYLENEDIOXY)-7-METHYL-2,3- (METHYLENEDIOXY)-
UPDT:8303 CAS: 80416-87-1 MW: 432.30 MOLFM: C20-H18-Br-N-O5
SYN: A65
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:425 mg/kg YHTPAD 16(6),7,81

VS2800000 7,13a-SECOBERBIN-13a-ONE, 7-METHYL-2,3:9,10-BIS(METHYLENEDIOXY)-
UPDT:8302 CAS: 130-86-9 MW: 353.40 MOLFM: C20-H19-N-O5
SYN: BIFLORINE * BIS(1,3)BENZODIOXOLO(4,5-c:5',6'-g)AZECIN-13(5H)-ONE, 4,6,7,14-TETRAHYDRO-5-METHYL- * CORYDININE * FUMARINE * MACLEYINE * PROTOPINE
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:100 mg/kg NCNSA6 5,24,53
* ipr-mus LD50:482 mg/kg YHTPAD 16(6),7,81
orl-gpg LD50:237 mg/kg THERAP 28,767,73
ipr-gpg LD50:116 mg/kg THERAP 28,767,73

(5Z,7E)-9,10-SECOCHESTA-5,7,10(19)-TRIENE-1-alpha,3-beta,25-TRIOL see: FZ4645000
9,10-SECOCHOLESTA-5,7,10(19)-TRIENE-1-alpha,3-beta-DIOL see: FZ4650000

VS2851000 9,10-SECOCHOLESTA-5,7,10(19)-TRIENE-1-alpha,3-beta-DIOL, (5Z,7E)-
UPDT:8303 MW: 401.72 MOLFM: C27-H45-O2
SYN: ALFACALCIDOL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:340 ug/kg NIIRDN 6,45,82
* orl-mus LD50:440 ug/kg NIIRDN 6,45,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

9,10-SECOCHOLESTA-5,7,10(19)-TRIENE-1,3,25-TRIOL, (1-alpha,3-beta,5Z,7E)- (9CI) see: FZ4645000

VS2890000 9,10-SECOCHOLESTA-5,7,10(19)-TRIENE-3,24,25-TRIOL, (3-beta,5Z,7E)-
UPDT:8412 CAS: 40013-87-4 MW: 416.71 MOLFM: C27-H44-O3
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T46T81 scu-rat TDLo:15 ug/kg (16-21D preg) ACATA5 111,343,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VS2900000 9,10-SECOCHOLESTA-5,7,10(19)-TRIEN-3-beta-OL
UPDT:8303 CAS: 67-97-0 MW: 384.71 MOLFM: C27-H44-O
SYN: CHOLECALCIFEROL * CHOLECALCIFEROL, D3 * COLECALCIFEROL * 7-DEHYDROCHOLESTROL, ACTIVATED * DELSTEROL * DEPARAL * D3-VIGANTOL * OLEOVITAMIN D3 * RICKETON * VIGORSAN * TRIVITAN * VITAMIN D3 * VITINC DAN-DEE-3
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 scu-rat TDLo:90 mg/kg (12-20D preg) FOMOAJ 29,333,70
TOXICITY DATA AND REFERENCES:
orl-rat LD50:42 mg/kg TXAPA9 43,125,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

9,10,SECOERGOSTA-5,7,10(19),22-TETRAEN 3-beta-OL see: KE1050000

VS3040000 16,17-SECOESTRA-1,3,5(10),6,8-PENTAEN-17-OIC ACID, 3-METHOXY-
UPDT:8405 MW: 284.38 MOLFM: C18-H20-O3
SYN: dl-cis-BISDEHYDRODOISYNOLIC ACID METHYL ETHER * 3-METHOXY-16,17-SECOESTRA-1,3,5(10),6,8-PENTAEN-17-OIC ACID * RS 2874
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:17500 ng/kg (7D pre) CCPTAY 3,387,71
1T25 orl-rat TDLo:300 ug/kg (7-9D preg) CCPTAY 3,387,71
1T22 orl-mky TDLo:2400 ug/kg (6D pre) CCPTAY 4,15,71
1T22 orl-mky TDLo:2 mg/kg (1-6D preg) AJOGAH 115,101,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VS3050000 16,17-SECOESTRA-1,5,5,7,9-PENTAEN-17-OIC ACID, 3-METHOXY-
UPDT:8401 CAS: 64024-07-3 MW: 298.41 MOLFM: C19-H22-O3
SYN: BISDEHYDRODOISYNOLIC ACID 7-METHYL ETHER * 7-METILETER del ACIDO BISDEHIDRODOISYNOLICO (Spanish)
TUMORIGENIC DATA AND REFERENCES:
2V03T64 imp-gpg TDLo:21 mg/kg BSBSAS 8,142,51
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

16,17-SECO-13-alpha-ESTRA-1,3,5,6,7,9-PENTAEN-17-OIC ACID, METHYL ESTER see: SF7300000

VS3150000 16,17-SECOESTRA-1,3,5(10)-TRIEN-17-OIC ACID, 3-HYDROXY-
UPDT:8401 CAS: 482-49-5 MW: 288.42 MOLFM: C18-H24-O3
SYN: ACIDO DOISYNOLICO (Spanish) * DOISYNOLIC ACID * 1-ETHYL-1,2,3,4,4a,9,10,10a-OCTAHYDRO-7-HYDROXY-2-METHYL-2-PHENANTHRENECARBOXYLIC ACID * 1-ETHYL-7-HYDROXY-2-METHYL-1,2,3,4,4a,9,10,10a-OCTAHYDROPHENANTHRENE-2-CARBOXYLIC ACID
TUMORIGENIC DATA AND REFERENCES:
3V03T69K60 orl-gpg TDLo:72 mg/kg/12W-I RSABAC 25,215,49

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SECOMETRIN see: KE5075000
SECONAL see: CP9450000
(R)-(+)-SECONAL see: CP9450200
SECONAL SODIUM see: CP9800000
SECONDARY AMMONIUM ARSENATE see: CG0850000
SECONDARY AMMONIUM PHOSPHATE see: TB9375000
SECONDARY OCTYL ALCOHOL see: RH6620000
SECONESINZ see: TZ1225000
SECOPAL OP 20 see: MD0907600
SECORBATE see: CI7650000

VS3585000 4,8-SECOSENECIONAN-8,11,16-TRIONE, 12-(ACETYLOXY)-20-CHLORO-15,20-DIHYDRO-15-HYDROXY- 4-METHYL-
UPDT:8306 CAS: 60367-00-2 MW: 459.97 MOLFM: C21-H30-Cl-N-O8
SYN: DORONINE
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:703 mg/kg AZMZA6 56(5),21,79
4,8-SECOSENECIONAN-8,11,16-TRIONE, 12-HYDROXY-4-METHYL- see: VT5960000
SECOTIL see: SO2275000
SECROSTERON see: BV8510000
SECROVIN see: BV8515250
SECTRAL see: ES5235000
SECUPAN see: KE8225000
SECURINAN-11-ONE (9CI) see: VS4115000

VS4111000 SECURINEGA LEUCOPYRUS (Willd.) Muell.-Arg., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: FLUEGGEA LEUCOPYRUS (Koen.) Willd., extract excluding roots
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77
SECURININ see: VS4115000
SECURININE see: VS4115000
(-)-SECURININE see: VS4115000

VS4115000 SECURININE, (-)-
UPDT:8306 CAS: 5610-40-2 MW: 217.29 MOLFM: C13-H15-N-O2
SYN: SECURINAN-11-ONE (9CI) * SECURININ * SECURININE * (-)-SECURININE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 scu-rat TDLo:50 mg/kg (5D male) NATWAY 52,483,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SECURITY see: CG0830000
SECURITY see: CG0980000
SEDABAMATE see: TZ0175000
SEDABAR see: CQ6825000
SEDAFORM see: UC0175000
SEDALANDE see: EU3640000
SEDALIS SEDI-LAB see: TI4375000
SEDALON see: UW5969200
SEDAMYL see: YR6475000
SEDANTOINAL see: MU2275000
SEDANYL see: TZ0175000
SEDAPERCUT see: SC4900000
SEDAPSIN see: EK1050000
SEDARAUPIN see: ZG0350000
SEDARAUPINA see: ZG0350000
SEDA-RECIPIN see: ZG0350000
SEDAREX see: YT2800000
SEDA-SALUREPIN see: ZG0350000
SEDA-TABLINEN see: CQ6825000
SEDATIN see: CD2450000
SEDATINE see: CD2450000
SEDAZIL see: TZ0175000
SEDERAUPIN see: ZG0350000
SEDES see: AB8417000 ACETAMIDE, N-(4-ETHOXYPHENYL)-, mixt. with 2-CHLORO-N,N-DIMETHYL-10H-PHENOTHIAZINE-10- PROPANAMINE, 3,7-DIHYDRO-1,3,7-TRIMETHYL-1H-PURINE-2,6-DIONE and 4-(DIMETHYLAMINO)-1,2- DIHYDRO-1,5-DIMETHYL-2-PHENYL-3H-PYRAZOL-3-ONE
SEDESTRAN see: WJ5600000
SEDETINE see: RG1925000
SEDETOL see: WI4100000
SEDEVAL see: CQ3500000
SEDICAT see: CQ6825000
SEDIMIDE see: TI4375000
SEDIN see: TI4375000
SEDIPAM see: DF1575000
SEDISPERIL see: TI4375000
SEDIZORIN see: CQ6825000
SEDLYN see: CQ6825000
SEDMYNOL see: YR6475000
SEDOFEN see: CQ6825000
SEDOLIN see: SI1750000
SEDOMETIL see: AY5950000
SEDONAL see: CQ6825000
SEDONETTES see: CQ6825000
SEDONEURAL see: VZ3150000
SEDOPHEN see: CQ6825000
SEDOQUIL see: TZ0175000
SEDORMID see: YT5775000
SEDOSELECTA see: TZ0175000
SEDOVAL see: TI4375000
SEDRENA see: TN2625000
SEDRESAN see: OW0875000
SEDSERP see: ZG0350000
SED-TEMS see: MS9000000
SEDTRAN see: YR6475000
SEDUKSEN see: DF1575000

VS5690000 SEDUM CRASSIPES Wall. ex Hk. f. & Th., extract
DEF:Indian plant belonging to the family CRASSULACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80
SEDURAL see: US7700000
SEDURAL see: US7875000
SEDUTAIN see: CP9800000
SEDUXEN see: DF1575000
SEEDOX see: SN1750000
SEEDOX 50 see: SN1750000
SEEDRIN see: IO2100000
SEEDTOX see: OV6475000
SEEDVAX see: XJ2700000
SEF see: QA2820000
SEFACIN see: UU3675000
SEFFEIN see: FC5950000
SEFONA see: VC2800000
SEFRIL see: XI0336000
SEGNALE LIGHT ORANGE RN see: QL3854000
SEGNALE LIGHT ORANGE RNG see: QL3854000
SEGNALE LIGHT RED B see: QK4247000
SEGNALE LIGHT RED 2B see: QK4247000
SEGNALE LIGHT RED BR see: QK4247000
SEGNALE LIGHT RED C4R see: QK4247000
SEGNALE LIGHT RED PRG see: QL3436000
SEGNALE LIGHT RED RL see: QK4247000
SEGNALE LIGHT RUBINE RG see: QJ1897000
SEGNALE LIGHT YELLOW 2GR see: AK4580000
SEGNALE LIGHT YELLOW 2GRT see: AK4580000
SEGNALE RED LC see: DB5500000
SEGNALE RED LCG see: DB5500000
SEGNALE RED LCL see: DB5500000
SEGONTIN see: SH6480000
S. EGRELTRI ATUNUN (Turkish) see: EE1520000
SEGUREX see: DG4910000
SEGURIL see: CB2625000
SELACRYN see: AG9300000

VS6365500 SELAGINELLA PALLESCENS Presl., leaf extract
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:30 gm/kg JTEHD6 1,939,76

VS6366000 SELAGINELLA PLUMOSA Baker, extract
DEF:Indian plant belonging to the family SELAGINELLACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: RATOJHAN EXTRACT
TOXICITY DATA AND REFERENCES:
2H30V30 ipr-mus LD50:750 mg/kg IJEBA6 7,250,69
SELECRON see: TE6975000
SELECTOMYCIN see: WG9400000
SELECTROL see: YR6560000
SELEKTIN see: XY4390000
SELEKTON B 2 see: AH4375000
B-SELEKTONON see: AG6825000
B-SELEKTONON M see: AG1575000
SELEN (Polish) see: VS7700000

VS6550500 1,2,5-SELENADIAZOLE-3-CARBOXAMIDE, 4-AMINO-
UPDT:8412 CAS: 7722-06-7 MW: 190.06 MOLFM: C3-H3-N4-O-Se
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:4 mg/kg AACHAX -,551,66

VS6550600 1,2,5-SELENADIAZOLE-3-CARBOXAMIDE, 4-AMINO-N-METHYL-
UPDT:8412 CAS: 7698-91-1 MW: 205.10 MOLFM: C4-H6-N4-O-Se
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:4 mg/kg AACHAX -,551,66
SELENATE see: VS7700000

VS6552000 2-SELENAZOLINE, 2-AMINO-
UPDT:7901 CAS: 15267-04-6 MW: 149.07 MOLFM: C3-H6-N2-Se
SYN: 2-ASe * 2-AMINOSELENOAZOLIN (German) * 2-AMINOSELENOAZOLINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:160 mg/kg STRAAA 151,78,76
scu-mus LD50:177 mg/kg STRAAA 151,78,76
ivn-mus LD50:151 mg/kg STRAAA 151,78,76
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
SELENE see: TZ0175000

VS6575000 SELENIC ACID (liquid)
UPDT:8308 CAS: 7783-08-6 MW: 144.98 MOLFM: H2-O4-Se
SYN: SELENIC ACID, LIQUID (DOT) * UN 1905 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
SELENIC ACID, LIQUID (DOT) see: VS6575000

VS6600000 SELENIC ACID, DIPOTASSIUM SALT
UPDT:8111 CAS: 7790-59-2 MW: 221.16 MOLFM: O4-Se .2K
SYN: POTASSIUM SELENATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T76 orl-rat TDLo:126 mg/kg (15-22D preg/21D post) PSEBAA 87,295,54
1T22 orl-rat TDLo:508 mg/kg (35W pre) PSEBAA 87,295,54
TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:4300 ug/kg JPETAB 33,270,28
orl-rbt LDLo:1800 mg/kg JPETAB 33,270,28
ivn-rbt LDLo:1100 mg/kg JPETAB 33,270,28
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VS6650000 SELENIC ACID, DISODIUM SALT
UPDT:8408 CAS: 13410-01-0 MW: 188.94 MOLFM: O4-Se .2Na
SYN: DISODIUM SELENATE * NATRIUMSELENIAT (German) * P-40 * SEL-TOX SSO2 and SS-20 * SODIUM SELENATE
MUTATION DATA AND REFERENCES:
mma-sat 2 umol/plate MUREAV 66,175,79
dnr-sat 10 ug/plate CALEDQ 10,75,80
mrc-bcs 50 umol/plate MUREAV 66,175,79
dns-rat:lvr 100 umol/L CALEDQ 10,75,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T44 orl-mus TDLo:14 mg/kg (14D post) 32XPAD -,83,75
TUMORIGENIC DATA AND REFERENCES:
3V01J60P61 orl-rat TDLo:128 mg/kg/2Y-C JONUAI 101,1531,71
TOXICITY DATA AND REFERENCES:
3G06K12L14 orl-hmn TDLo:22 mg/kg NZMJAX 87,354,78

orl-rat LD50:2500 ug/kg AFDOAQ 15,122,51
ipr-rat LDLo:9 mg/kg JPETAB 58,454,36
1D35 scu-rat LDLo:19 mg/kg ARTODN 45,207,80
ivn-rat LD50:2500 ug/kg JPETAB 60,449,37
scu-cat LDLo:20 mg/kg HBAMAK 4,1289,35
orl-rbt LD50:4 mg/kg PCOC** -,1057,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHREAY 28,179,41; FCTXAV 9,105,71; 85DHAX Se,112,76
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 9,245,75
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VS6720000 SELENIC ACID, DISODIUM SALT, DECAHYDRATE
UPDT:8307 CAS: 10102-23-5 MW: 369.14 MOLFM: O4-Se .2Na .10H2-O

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:18 mg/kg COREAF 257,791,63

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

SELENIDE, AMMONIUM POTASSIUM mixed with AMMONIUM POTASSIUM SULFIDE see: BS4030000

VS6840000 SELENIDE, DIALLYL-
UPDT:8008 MW: 161.12 MOLFM: C6-H10-Se
SYN: DIALLYL SELENIDE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg CSLNX* NX#09268

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

VS6870000 SELENIDE, DIETHYL-
UPDT:7901 CAS: 627-53-2 MW: 137.10 MOLFM: C4-H10-Se
SYN: TL 264

TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:3 gm/m3/10M NDRC** NDCrc-132,July,42

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

VS6880000 SELENIDE, DIMETHYL-
UPDT:8105 CAS: 593-79-3 MW: 109.04 MOLFM: C2-H6-Se
SYN: DIMETHYL SELENIDE * DIMETHYLSELENIUM * METHYL SELENIDE (8CI) * METHYL SELENIUM

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:2200 mg/kg PSEBAA 79(1),230,52
1D35 scu-rat LDLo:2180 mg/kg ARTODN 45,207,80
ipr-mus LD50:1800 mg/kg PSEBAA 79(1),230,52

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Se,112,76
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

VS6950000 SELENINIC ACID, PROPYL-
UPDT:7901 CAS: 67465-26-3 MW: 155.07 MOLFM: C3-H8-O2-Se
SYN: n-PROPYLSELENINIC ACID

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:20 mg(Se)/kg JPETAB 63,357,38

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

beta-SELENINOPROPIONIC ACID see: UF7400000

VS7000000 SELENINYL CHLORIDE
UPDT:8312 CAS: 7791-23-3 MW: 165.86 MOLFM: Cl2-O-Se
SYN: SELENIUM CHLORIDE OXIDE * SELENIUM OXYCHLORIDE * SELENIUM OXYCHLORIDE (DOT) * UN 2879 (DOT)

TOXICITY DATA AND REFERENCES:
2R10R11 skn-man TDLo:710 ug/kg PHRPA6 53,94,38
skn-rbt LDLo:10 mg/kg RPPCAZ 56,323,56

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PHREA7 23,305,43; 85DHAX Se,112,76
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE AND POISON CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VS7175000 SELENIOUS ACID
UPDT:8406 CAS: 7783-00-8 MW: 128.98 MOLFM: H2-O3-Se
SYN: RCRA WASTE NUMBER U204 * SELENIUM DIOXIDE

MUTATION DATA AND REFERENCES:
cyt-hmn:lym 10 umol/L ESKGA2 26,99,80

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:25 mg/kg NCNSA6 5,28,53
ipr-rat LDLo:10 mg/kg NCNSA6 5,28,53
* ivn-mus LD50:11 mg/kg CSLNX* NX#05656

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VS7350000 SELENIOUS ACID, DISODIUM SALT
UPDT:8408 CAS: 10102-18-8 MW: 172.94 MOLFM: O3-Se .2Na
SYN: DISODIUM SELENITE * NATRIUMSELENIT (German) * SODIUM SELENITE * SODIUM SELENITE (DOT) * UN 2630 (DOT)

MUTATION DATA AND REFERENCES:
mma-sat 2 umol/plate MUREAV 66,175,79
dnr-sat 10 ug/plate CALEDQ 10,75,80
mrc-bcs 50 umol/plate MUREAV 66,175,79
dnd-hmn:fbr 80 umol/L MUREAV 49,305,78
dnd-hmn:leu 80 umol/L MUREAV 57,359,78
dns-hmn:fbr 80 umol/L/30M MUREAV 49,305,78
dns-hmn:leu 80 umol/L MUREAV 57,359,78
dni-hmn:fbr 80 umol/L MUREAV 49,305,78
oms-hmn:fbr 80 umol/L MUREAV 49,305,78
cyt-hmn:leu 80 umol/L MUREAV 57,359,78
cyt-hmn:fbr 80 umol/L BTERDG 2,61,80
sce-hmn:leu 7900 nmol/L/19H MUREAV 57,359,78
sce-hmn:lym 7900 nmol/L BTERDG 2,81,80
dns-rat:lvr 100 umol/L CALEDQ 10,75,80
cyt-ham-ipr 3 mg/kg HEREAY 93,101,80
sce-ham-ipr 3 mg/kg HEREAY 93,101,80
sce-ham:lng 2 mg/L CALEDQ 18,109,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T34 orl-mus TDLo:999 mg/kg (1-19D preg) JONUAI 109,1646,79
1T72 orl-mus TDLo:50 mg/kg (8-12D preg) JTEHD6 10,541,82
1T34 scu-mus TDLo:45995 ug/kg (7-12D preg) ENVRAL 19,39,79
1T34 ivn-mus TDLo:2836 ug/kg (12D preg) TOLED5 21,35,84
2T76T81 orl-pig TDLo:1003 mg/kg (1-16W preg) JANSAG 18,141,59

TOXICITY DATA AND REFERENCES:
orl-rat LD50:7 mg/kg TXAPA9 20,89,71
ipr-rat LD50:3 mg/kg JPETAB 58,454,36
ivn-rat LDLo:4 mg/kg JPETAB 60,449,37
orl-mus LD50:7 mg/kg HYSAAV 35,176,70
3C08G30J30 ivn-mus LD50:5 mg/kg NRTXDN 2,383,81
3C08F17J22 icv-mus LD50:300 ug/kg NRTXDN 2,383,81
scu-dog LDLo:4380 ug/kg JPETAB 76,343,42
ivn-dog LDLo:3 mg/kg EQSSDX 1,1,75
scu-rat LD50:2 mg/kg JPETAB 60,449,37
orl-rbt LD50:2250 ug/kg HYSAAV 35,176,70
ipr-rbt LDLo:4 mg/kg EQSSDX 1,1,75
ivn-rbt LDLo:900 ug/kg JPETAB 33,270,28
ims-rbt LD50:2530 ug/kg AXVMAW 30,627,76
3L30M03P01 orl-pig LDLo:23 mg/kg JAGRAC 60,163,140
ivn-pig LDLo:6570 ug/kg AJVRAH 34,1227,73
orl-gpg LD50:5060 ug/kg HYSAAV 35,176,70
3F15J22J26 orl-dom LDLo:3 mg/kg JAGRAC 60,163,140
3F23G07J22 orl-hor LDLo:4 mg/kg JAGRAC 60,163,140
* orl-ctl LDLo:11 mg/kg JAGRAC 60,163,140

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHREAY 28,179,41; PHREA7 23,305,43; 85DHAX Se,112,76
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 9,245,75
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VS7420000 SELENIOUS ACID, DISODIUM SALT, PENTAHYDRATE
UPDT:8405 CAS: 26970-82-1 MW: 263.04 MOLFM: O3-Se .2Na .5H2-O
SYN: SODIUM SELENITE PENTAHYDRATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 orl-mus TDLo:38 mg/kg (30D pre/1-18D preg) TXAPA9 47,79,79
1T72 scu-mus TDLo:10522 ug/kg (12D preg) TJADAB 28,333,83
1T27 scu-mus TDLo:7155 ug/kg (16D preg) TJADAB 28,333,83

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:9 mg/kg COREAF 257,791,63
* ims-mus LD50:10070 ug/kg EXMDA4 440,312,78

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VS7460000 SELENIOUS ACID, DISODIUM SALT mixed with 2,5,7,8-TETRAMETHYL-2-(4,8,12-TRIMETHYL TRIDECYL)-6-CHROMANOL
UPDT:8205 MW: 603.73 MOLFM: O3-Se .2Na C29-H50-O2
SYN: NATRIUMSELENIT und alpha-TOKOPHEROLAZETAT (German) * SELENIOUS ACID, DISODIUM SALT mixed with alpha-TOCOPHEROL * SELENIOUS ACID (H2SeO3), DISODIUM SALT mixed with VITAMIN E * SODIUM SELENITE mixed with VITAMIN E * URSOSELEVIT PRO INJ.

TOXICITY DATA AND REFERENCES:
ims-rbt LD50:2730 ug/kg AXVMAW 30,627,76

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

SELENIOUS ACID, DISODIUM SALT mixed with alpha-TOCOPHEROL see: VS7460000
SELENIOUS ACID (H2SeO3), DISODIUM SALT mixed with VITAMIN E see: VS7460000
SELENIOUS ANHYDRIDE see: VS8575000

VS7700000 SELENIUM
UPDT:8408 CAS: 7782-49-2 MW: 78.96 MOLFM: Se
SYN: C.I. 77805 * COLLOIDAL SELENIUM * ELEMENTAL SELENIUM * SELEN (Polish) * SELENATE * SELENIUM ALLOY * SELENIUM BASE * SELENIUM DUST * SELENIUM ELEMENTAL * SELENIUM HOMOPOLYMER * SELENIUM METAL POWDER (DOT) * UN 2658 (DOT) * VANDEX

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T35 orl-mus TDLo:134 mg/kg (MGN) AEHLAU 23,102,71

TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-mus TDLo:480 mg/kg/60D-C YMBUA7 11,368,60

TOXICITY DATA AND REFERENCES:
3F07J22U30 orl-rat LD50:6700 mg/kg TXAPA9 20,89,71
3P01J06J15 ihl-rat LDLo:33 mg/kg/8H AMIHBC 4,458,51
ivn-rat LD50:6 mg/kg AMIHBC 4,458,51
* ivn-rbt LDLo:2500 ug/kg JOGBAS 35,693,28
unk-frg LDLo:3 mg/kg PHREA7 23,305,43

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTOXAO 6(3),459,73; CTOXAO 5(2),175,72; CRTXB2 4(3),271,76; JAVMA4 164(3),277,74; CTOXAO 5(2),151,72; IJMDAI 10(4),416,74; JAMAAP 116,562,41; CHREAY 28,179,41; ADTEAS 5,51,72; PHREA7 23,305,43; FOREAE 7,313,42; KOTTAM 11(11),1300,75; 85CVA2 5,63,70; PEXTAR 12,102,69; BNYMAM 54,413,78; AMTODM 3,209,77; JEPTDQ 4(1),193,80; MEHYDY 5,877,79
★ TLV-TWA 200 ug/m3 DTLVS* 4,361,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 124, VOL 3 S190
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0345

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VS7800000 SELENIUM, (4-ACETAMIDOPHENYL)DIHYDROXY-
UPDT:8401 CAS: 63981-20-4 MW: 248.16 MOLFM: C8-H11-N-O3 .Se
SYN: BIS-4-ACETAMINO-PHENYL SELENIUM DIHYDROXIDE
TUMORIGENIC DATA AND REFERENCES:
2V03N62 orl-rat TDLo:2890 mg/kg/15W-C SCIEAS 103,762,46
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FCTXAV 9,105,71
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SELENIUM ALLOY see: VS7700000
SELENIUM BASE see: VS7700000

VS7875000 SELENIUM(IV) CHLORIDE (1:4)
UPDT:7901 CAS: 10026-03-6 MW: 220.76 MOLFM: Cl4-Se
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
SELENIUM CHLORIDE OXIDE see: VS7000000

VS8310000 SELENIUM (COLLOIDAL)
UPDT:7901 CAS: 7782-49-2 MW: 78.96 MOLFM: Se
TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:6 mg/kg JPETAB 33,270,28
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
SELENIUM CYSTINE see: AY6030000
SELENIUM-CYSTINE see: AY7600000

VS8450000 SELENIUM, DICHLOROBIS(2-CHLOROCYCLOHEXYL)-
UPDT:7902 CAS: 70134-26-8 MW: 385.08 MOLFM: C12-H20-Cl4-Se
SYN: DICHLOROBIS(2-CHLOROCYCLOHEXYL)SELENIUM
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#04576
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

VS8460000 SELENIUM, DICHLOROBIS(2-ETHOXYCYCLOHEXYL)-
UPDT:7902 CAS: 74037-18-6 MW: 404.32 MOLFM: C16-H30-Cl2-O2-Se
SYN: DICHLOROBIS(2-ETHOXYCYCLOHEXYL)SELENIUM
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#04578
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
SELENIUM DIETHYLDITHIOCARBAMATE see: VT0700000
SELENIUM DIMETHYLDITHIOCARBAMATE see: VT0780000
SELENIUM DIOXIDE see: VS7175000
SELENIUM DIOXIDE see: VS8575000

VS8575000 SELENIUM(IV) DIOXIDE (1:2)
UPDT:8406 CAS: 7446-08-4 MW: 110.96 MOLFM: O2-Se
SYN: SELENIOUS ANHYDRIDE * RCRA WASTE NUMBER U204 * SELENIUM DIOXIDE * SELENIUM OXIDE
MUTATION DATA AND REFERENCES:
mrc-bcs 10 mmol/L MUREAV 77,109,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03 scu-grb TDLo:5600 ug/kg (1D male) JRMSAS 85,297,65
TOXICITY DATA AND REFERENCES:
* scu-grb LDLo:7500 ug/kg JRMSAS 85,297,65
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SELENIUM DIOXIDE mixed with ARSENIC TRIOXIDE (1:1) see: CG3326000

VS8925000 SELENIUM(IV) DISULFIDE (1:2)
UPDT:8406 CAS: 7488-56-4 MW: 143.08 MOLFM: S2-Se
SYN: EXSEL * RCRA WASTE NUMBER U205 * SELENIUM DISULPHIDE (DOT) * SELENIUM SULFIDE * SELSUN BLUE * SELSUN * UN 2657 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:138 mg/kg TXAPA9 20,89,71
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SELENIUM DISULFIDE (2.5%) SHAMPOO see: VS9285000

VS9285000 SELENIUM(IV) DISULFIDE SHAMPOO (2.5%)
UPDT:7911
SYN: SELENIUM DISULFIDE (2.5%) SHAMPOO
IRRITATION DATA AND REFERENCES:
eye-rbt 2500 ug SEV SMJOAV 55,318,62
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
SELENIUM DISULPHIDE (DOT) see: VS8925000
SELENIUM DUST see: VS7700000
SELENIUM ELEMENTAL see: VS7700000

VS9450000 SELENIUM FLUORIDE
UPDT:8312 CAS: 7783-79-1 MW: 192.96 MOLFM: F6-Se
SYN: SELENIUM HEXAFLUORIDE * SELENIUM HEXAFLUORIDE (DOT) * UN 2194 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:10 ppm/1H ATXKA8 18,140,60
ihl-mus LCLo:10 ppm/3H ATXKA8 18,140,60
ihl-gpg LCLo:10 ppm/1H ATXKA8 18,140,60
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,362,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 400 ug/m3 (SCP-Q) FEREAC 39,23540,74
★ DOT-IMO:POISON A; LABEL:POISON GAS CFRGBR 49,172.102,83
SELENIUM HEXAFLUORIDE see: VS9450000
SELENIUM HEXAFLUORIDE (DOT) see: VS9450000
SELENIUM HOMOPOLYMER see: VS7700000
SELENIUM HYDRIDE see: MX1050000
SELENIUM METAL POWDER (DOT) see: VS7700000
SELENIUM MONONITRIDE see: VT0184000
SELENIUM MONOSULFIDE see: VT0525000

VT0184000 SELENIUM NITRIDE
UPDT:8308 CAS: 12033-59-9 MW: 92.97 MOLFM: N-Se
SYN: NITROGEN SELENIDE * SELENIUM MONONITRIDE * SELENIUM NITRIDE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
SELENIUM NITRIDE (DOT) see: VT0184000
SELENIUM OXIDE see: VS8575000

VT0200010 SELENIUM OXIDE
UPDT:8401 CAS: 12640-89-0
SYN: NA 2811 (DOT) * SELENIUM OXIDE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
SELENIUM OXIDE (DOT) see: VT0200010
SELENIUM OXYCHLORIDE see: VS7000000
SELENIUM OXYCHLORIDE (DOT) see: VS7000000
SELENIUM SULFIDE see: VS8925000

VT0525000 SELENIUM SULFIDE
UPDT:8412 CAS: 7446-34-6 MW: 111.02 MOLFM: S-Se
SYN: NCI-C50033 * SELENIUM MONOSULFIDE * SELENIUM SULPHIDE * SELENSULFID (German) * SULFUR SELENIDE
TUMORIGENIC DATA AND REFERENCES:
3V01L60P61 orl-rat TDLo:11 gm/kg/2Y-C NCITR* NCI-CG-TR-194,80
3V01L60J60 orl-mus TDLo:72 gm/kg/2Y-C NCITR* NCI-CG-TR-194,80
TOXICITY DATA AND REFERENCES:
orl-mus LD50:370 mg/kg ATXKA8 24,341,69
orl-rat LDLo:180 mg/kg CLDND*
orl-rbt LDLo:55 mg/kg CLDND*
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS.
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
★ CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-194,80)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-197,80)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SELENIUM SULPHIDE see: VT0525000

VT0700000 SELENIUM, TETRAKIS(DIETHYLDITHIOCARBAMATO)-
UPDT:8401 CAS: 5456-28-0 MW: 672.08 MOLFM: C20-H40-N4-S8 .Se
SYN: ETHYL SELENAC * ETHYL SELERAM * SELENIUM DIETHYLDITHIOCARBAMATE * TETRAKIS(DIETHYLCARBAMODITHIOATO-S,S')SELENIUM * TETRAKIS(DIETHYLDITHIOCARBAMATO)SELENIUM
TUMORIGENIC DATA AND REFERENCES:
3V01L60P62 orl-mus TDLo:3060 mg/kg/81W-I-C JNCIAM 42,1101,69
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 9,245,75
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 12,107,76
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VT0780000 SELENIUM, TETRAKIS(DIMETHYLDITHIOCARBAMATO)-
UPDT:8209 CAS: 144-34-3 MW: 559.84 MOLFM: C12-H24-N4-S8 .Se
SYN: METHYL SELENAC * SELENIUM DIMETHYLDITHIOCARBAMATE * TETRAKIS(DIMETHYLCARBAMODITHIOATO-S,S')SELENIUM
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85CVA2 5,250,70
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 12,161,76
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
SELENOASPIRINE see: DG0939000
o,o'-SELENOBIS(BENZOIC ACID) see: DG9600000
2,2'-SELENOBIS(BENZOIC ACID) see: DG9600000
SELENOCYANIC ACID, ESTER with alpha-HYDROXYACETANILIDE see: VT0875000

VT0798000 SELENOCYANIC ACID, 5-NITROFURFURYL ESTER
UPDT:8305 MW: 233.10 MOLFM: C6-H6-N2-O3-Se
SYN: 5-NITROFURFURYLSELENOCYANIDE * 5-NITRO-2-FURFURYLSELENOKYANID (Czech)
TOXICITY DATA AND REFERENCES:
* unk-rat LD50:300 mg/kg CZXXA9 #170750

VT0800000 SELENOCYANIC ACID, p-NITROPHENYL ESTER
UPDT:7901 CAS: 19188-18-2 MW: 227.09 MOLFM: C7-H4-N2-O2-Se
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:50 mg/kg NCNSA6 5,34,53
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

VT0875000 SELENOCYANIC ACID, 2-OXO-2-(PHENYLAMINO)ETHYL ESTER
UPDT:7907 CAS: 63981-21-5 MW: 239.15 MOLFM: C9-H8-N2-O-Se
SYN: 2-OXO-2-(PHENYLAMINO)ETHYL SELENOCYANATE * SELENOCYANIC ACID, ESTER with alpha-HYDROXYACETANILIDE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:25 mg/kg NCNSA6 5,1,53
ipr-rat LDLo:25 mg/kg NCNSA6 5,1,53
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

VT1400000 SELENOCYANIC ACID, POTASSIUM SALT
UPDT:7908 CAS: 3425-46-5 MW: 145.09 MOLFM: C-H-N-Se .K
SYN: POTASSIUM SELENOCYANATE
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:200 mg/kg NCNSA6 5,28,53

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

d,l-SELENOCYSTEINE see: AY7600000
SELENO-DL-CYSTEINE see: AY7600000
SELENOCYSTINE see: AY6030000
SELENOCYSTINE see: AY6031000
SELENO-DL-CYSTINE see: AY6031000
D,L-SELENOCYSTINE see: AY6031000
2-SELENOETHYLGUANIDINE see: MF5970000
SELENOMERCAPTOAETHYLGUANIDIN (German) see: MF5970000
SELENOMETHIONINE see: ES7100000
dl-SELENOMETHIONINE see: ES7110000
SELENO-DL-METHIONINE see: ES7110000

VT1740000 SELENONIUM, TRIMETHYL-
UPDT:8106 CAS: 25930-79-4 MW: 124.08 MOLFM: C3-H9-Se
SYN: TRIMETHYLSELENONIUM * TRIMETHYLSELENONIUM ION
TOXICITY DATA AND REFERENCES:
1D35 scu-rat TDLo:31 mg/kg ARTODN 45,207,80
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

VT1750000 SELENONIUM, TRIMETHYL-, CHLORIDE
UPDT:7901 CAS: 18987-38-7 MW: 159.53 MOLFM: C3-H9-Se Cl
SYN: TRIMETHYLSELENONIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:100 mg/kg TXAPA9 20,135,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX Se,112,7T6
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

SELENOPHOS see: TA8800000
SELENOSULFURIC ACID, 2-AMINOETHYL ESTER see: KI7035500
SELENO-TOLUIDINE BLUE see: SN4910000
SELENOUREA see: YU1820000
SELENSULFID (German) see: VT0525000
SELEPHOS see: TF4550000
SELEXID see: XI0187000
SELEXIDIN see: XI0185000
SELEXOL see: MC9630000 GLYCOLS, POLYETHYLENE, DIMETHYL ETHER
SELFER see: NM7460000
SELF ROCK MOSS see: FI0700000
SELINON see: GO9625000
SELLA FAST RED RS see: QJ6475500
SELLAITE see: OM3325000
SELOKEN see: UB7450000
SEL de SODIUM du BENZYLSUCCINAMIDE (French) see: WM3408000
SEL de SODIUM de MALEATE de PHENYLISOPROPYLCARBAMATE d'ETHYLE (French) see: ON2160000
SEL de SODIUM du PHENYLISOPROPYLSUCCINAMIDE (French) see: WM3802000
SEL de SODIUM du PHENYLSUCCINAMIDE (French) see: WM3808000
SEL de SODIUM du SUCCINATE de BENZYLCARBAMATE d'ETHYLE (French) see: WM8055000
SEL de SODIUM du SUCCINATE de PHENETHYLCARBAMATE d'ETHYLE (French) see: WM8063000
SEL de SODIUM du SUCCINATE de PHENYLISOPROPYLCARBAMATE d'ETHYLE (French) see: WM8060000

VT2480000 SELSUN
DEF:2.4% w/v SELENIUM SULFIDE in aqueous suspension, also contains BENTONITE SODIUM ALKYL ARYLSULFONATE, SODIUM PHOSPHATE, GLYCEROL MONORICINOLEATE, CITRIC ACID, CAPTAN and PERFUME(FEREAC 41,7218,76)
UPDT:8412
SYN: NCI-C54546
IRRITATION DATA AND REFERENCES:
eye-rbt 50%/1W SEV AJOPAA 38,560,54
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-199,80)

SELSUN see: VS8925000
SELSUN BLUE see: VS8925000
SEL-TOX SS02 and SS-20 see: VS6650000
SEMAP see: TN6957000
SEMBRINA see: AY5950000
SEMDOXAN see: RP5950000

VT2770000 SEMECARPUS ANACARDIUM Linn., nut extract
DEF:Indian plant belonging to the family ANACARDIACEAE (IJPPAZ 23,115,79)
UPDT:8308
SYN: BHALLATAKA extract * BIBHA extract * MARKING NUT extract * NSC B 664408
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:230 mg/kg IJPPAZ 23,115,79

VT2770900 SEMECARPUS ANACARDIUM Linn. f., cotyledons
UPDT:8408
SYN: RB3
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-wmn TDLo:10 gm/kg (20W pre) IJEBA6 12,444,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

Se-MEG see: MF5970000
SEMERON see: XZ0175000

VT2975000 SEMICARBAZIDE
UPDT:8401 CAS: 57-56-7 MW: 75.09 MOLFM: C-H5-N3-O
SYN: AMINOUREA * CARBAMYLHYDRAZINE * CARBAMIC ACID, HYDRAZIDE * CARBAZAMIDE * HYDRAZINE, CARBAMOYL- * HYDRAZINECARBOXAMIDE * UREA, AMINO-
MUTATION DATA AND REFERENCES:
mmo-sat 67 umol/plate CNREA8 41,1469,81
mma-sat 67 umol/plate CNREA8 41,1469,81
cyt-grh-par 100 mmol/L MUREAV 40,237,76
sln-grh-par 100 mmol/L MUREAV 40,237,76
spm-grh-par 100 mmol/L MUREAV 40,237,76
dnd-mam:lym 2 mmol/L/25H BBACAQ 123,458,66
TUMORIGENIC DATA AND REFERENCES:
2V03J60 orl-mus TDLo:25 gm/kg/30W-C GANNA2 51,83,60
TOXICITY DATA AND REFERENCES:
1F12 ivn-man TDLo:40 mg/kg JPETAB 122,110,58
ipr-rat LD50:140 mg/kg APEPA2 257,296,67
* scu-rat LD50:140 mg/kg ARZNAD 18,645,68
orl-mus LD50:176 mg/kg JPETAB 122,110,58
ipr-mus LD50:123 mg/kg JPETAB 122,110,58
scu-mus LD50:105 mg/kg JPETAB 119,444,57
ivn-mus LD50:126 mg/kg JPETAB 122,110,58
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VT3157000 SEMICARBAZIDE, 1-BENZOYL-3-THIO-
UPDT:8307 CAS: 5351-66-6 MW: 195.26 MOLFM: C8-H9-N3-O-S
SYN: BENZOIC ACID 2-(AMINOTHIOXOMETHYL)HYDRAZIDE (9CI) * BENZOYLTHIOSEMICARBAZIDE * 1-BENZOYLTHIOSEMICARBAZIDE * 1-BENZOYL-3-THIO-SEMICARBAZIDE
TOXICITY DATA AND REFERENCES:
1F12 ipr-rat LD50:50 mg/kg AIPTAK 95,123,53

VT3275300 SEMICARBAZIDE, 1,4-DIBENZOYL-
UPDT:8305 CAS: 16956-44-8 MW: 283.31 MOLFM: C15-H13-N3-O3
SYN: 1,4-DIBENZOYLSEMICARBAZIDE
TOXICITY DATA AND REFERENCES:
1C08 ipr-rat LD50:700 mg/kg AIPTAK 95,123,53

VT3276500 SEMICARBAZIDE, 4-(p-DIETHYLAMINOPHENYL)-3-THIO-
UPDT:8408 MW: 238.39 MOLFM: C11-H18-N4-S
SYN: 4-(4-DIETHYLAMINOPHENYL)-3-THIOSEMICARBAZIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:75 mg/kg CSLNX* NX#07949

VT3277350 SEMICARBAZIDE, 2-((4,7-DIHYDRO-5(or 6)-METHYL-2-PHENYL-2H-ISOINDOL-1-YL)METHYLENE)-
UPDT:8306 CAS: 61863-55-6 MW: 294.39 MOLFM: C17-H18-N4-O
SYN: 2-((4,7-DIHYDRO-5(or 6)-METHYL-2-PHENYL-2H-ISOINDOL-1-YL)METHYLENE)HYDRAZINECARBOXAMIDE * HYDRAZINECARBOXAMIDE, 2-((4,7-DIHYDRO-5(or 6)-METHYL-2-PHENYL-2H-ISOINDOL-1-YL)METHYLENE)-
TOXICITY DATA AND REFERENCES:
3M10U05U08 ipr-mus LD50:850 mg/kg PCJOAU 14,538,80

SEMICARBAZIDE, 1,1'-((1-ETHOXYETHYL)ETHANEDIYLIDENE)BIS(3-THIO- see: ES2450000

VT3325000 SEMICARBAZIDE, 1-FORMYL-3-THIO-
UPDT:8401 CAS: 2302-84-3 MW: 119.16 MOLFM: C2-H5-N3-O-S
SYN: 1-FORMYL-3-THIOSEMICARBAZIDE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:43 gm/kg/46W-C JNCIAM 47,437,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SEMICARBAZIDE HYDROCHLORIDE see: VT3500000

VT3460000 SEMICARBAZIDE, 1-(alpha-METHYLBENZYLIDENE)-3-THIO-
UPDT:8310 CAS: 2302-93-4 MW: 193.29 MOLFM: C9-H11-N3-S
SYN: ACETOPHENONE THIOSEMICARBAZONE * 1-(alpha-METHYLBENZYLIDENE)THIOSEMICARBIZIDE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:15 mg/kg NCNSA6 5,43,53
* ivn-mus LD50:320 mg/kg CSLNX* NX#01020

VT3500000 SEMICARBAZIDE, MONOHYDROCHLORIDE
UPDT:8401 CAS: 563-41-7 MW: 111.55 MOLFM: C-H5-N3-O Cl-H
SYN: AMIDOUREA HYDROCHLORIDE * AMINOUREA HYDROCHLORIDE * CARBAMYLHYDRAZINE HYDROCHLORIDE * CH * HYDRAZINECARBOXAMIDE MONOHYDROCHLORIDE * SEMICARBAZIDE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 orl-ham TDLo:100 mg/kg (7D preg) ACATA5 100,347,78
TUMORIGENIC DATA AND REFERENCES:
3V02H60J60 orl-mus TDLo:67 gm/kg/76W-C EJCAAH 11,17,75
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:10 mg/kg NCNSA6 5,44,53
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 12,209,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VT4100000 SEMICARBAZIDE, 2-((4,5,6,7-TETRAHYDRO-5(or 6)-METHYL-2-PHENYL-2H-ISOINDOL-1-YL)METHYLENE)-
UPDT:8306 CAS: 61863-54-5 MW: 296.41 MOLFM: C17-H20-N4-O
TOXICITY DATA AND REFERENCES:
3M10U05U08 ipr-mus LD50:650 mg/kg PCJOAU 14,538,80

VT4200000 SEMICARBAZIDE, THIO-
UPDT:8406 CAS: 79-19-6 MW: 91.15 MOLFM: C-H5-N3-S
SYN: N-AMINOTHIOUREA * HYDRAZINECARBOTHIOAMIDE * RCRA WASTE NUMBER P116 * SEMICARBAZIDE, 3-THIO- * THIOCARBAMYLHYDRAZINE * THIOSEMICARBAZIDE * TSC * USAF EK-1275
MUTATION DATA AND REFERENCES:
dnd-hmn:hla 20 umol/L BCPCA6 25,821,76
TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:1024 mg/kg/78W-C JJIND8 67,75,81
2V03R60 orl-rat TD :2048 mg/kg/78W-C JJIND8 67,75,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:9160 ug/kg MarJV# 29MAR77
ipr-mus LD50:1 mg/kg NTIS** AD277-689
ivn-mus LD50:13 mg/kg JPETAB 122,110,58
orl-dog LD50:10 mg/kg HBTXAC 5,155,59
orl-cat LD50:20 mg/kg PSEBAA 70,688,49
ipr-gpg LD50:24 mg/kg PSEBAA 70,688,49
orl-bwd LD50:9 mg/kg TXAPA9 21,315,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 39,111,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SEMICARBAZIDE, 3-THIO- see: VT4200000
SEMICILLIN see: XH8350000
p-SEMIDINE see: ST3150000
SEMIKON see: UT1400000
SEMIKON see: UT1750000
SEMIKON HYDROCHLORIDE see: UT1750000
SEMOXYDRINE see: SH5075000
SEMUSTINE see: YS5000000
SENARMONTITE see: CC5650000
SENCEPHALIN see: YI0350000
SENCOR see: XZ2990000
SENCORAL see: XZ2990000
SENCORER see: XZ2990000
SENCOREX see: XZ2990000
SENDOXAN see: RP5950000
SENDRAN see: FC3150000
SENDUXAN see: RP5950000
SENECA OIL see: SE7175000

VT5560000 SENECIO CANNABIFOLIUS, leaves and stalks
DEF:Herb of the family SENECIONEAE (CALEDQ 20,191,83)
UPDT:8412
TUMORIGENIC DATA AND REFERENCES:
3V01L60L61 orl-rat TDLo:56 gm/kg/80W-C CALEDQ 20,191,83
3V01L60L61 orl-rat TD :240 gm/kg/69W-C CALEDQ 20,191,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VT5570000 SENECIO CHRYSANTHEMOIDES DC., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2H02M10 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78
SENECIOIC ACID see: GQ5425000
SENECIOIC ACID 2-sec BUTYL-4,6-DINITROPHENYL ESTER see: GQ5600000

VT5660000 SENECIO JACQUEMONTIANUS Benth., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1G08 ipr-rat LD50:350 mg/kg IJEBA6 16,228,78

VT5700000 SENECIO LONGILOBUS
DEF:Contains PYRROLIZIDINE ALKALOIDS (CNREA8 28,2237,68)
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:33 gm/kg/31W-I CNREA8 30,2881,70
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTRRDO 60,1171,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VT5704000 SENECIONAN-11,16-DIONE, 20-CHLORO-15,20-DIHYDRO-12,15-DIHYDROXY-, (15-alpha,20R)-
UPDT:8402 CAS: 480-75-1 MW: 387.90 MOLFM: C18-H26-Cl-N-O6
SYN: (15-alpha,20R)-20-CHLORO-15,20-DIHYDRO-12,15-DIHYDROXYSENECIONAN-11,16-DIONE * JACONINE
TOXICITY DATA AND REFERENCES:
3H30J16P01 ipr-rat LD50:168 mg/kg FRBGAT 9,142,68

VT5704100 SENECIONAN-11,16-DIONE, 20-CHLORO-15,20-DIHYDRO-12,15-DIHYDROXY-, HYDROCHLORIDE, (15-alpha,20R)-
UPDT:8402 CAS: 7251-11-8 MW: 424.36 MOLFM: C18-H26-Cl-N-O6 .Cl-H
SYN: (15-alpha,20R)-20-CHLORO-15,20-DIHYDRO-12,15-DIHYDROXYSENECIONAN-11,16-DIONE HYDROCHLORIDE * JACONINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3H30J16P01 ipr-rat LD50:168 mg/kg FRBGAT 9,142,68
SENECIONAN-11,16-DIONE, 13,19-DIDEHYDRO-12-HYDROXY-, HYDROCHLORIDE see: VT5978020
SENECIONAN-11,16-DIONE, 1,2-DIHYDRO-12-HYDROXY-, HYDROCHLORIDE, (1-alpha)- see: TP2519100
SENECIONAN-11,16-DIONE, 12,18-DIHYDROXY- see: VH7525000

VT5707200 SENECIONAN-11,16-DIONE, 12,18-DIHYDROXY-, (15E)-
UPDT:8403 CAS: 15503-87-4 MW: 351.44 MOLFM: C18-H25-N-O6
SYN: USARAMINE
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:35 mg/kg CBINA8 12,299,76

VT5708000 SENECIONAN-11,16-DIONE, 15,20-EPOXY-15,20-DIHYDRO-12-HYDROXY-, HYDROCHLORIDE, (15-alpha,20S)-
UPDT:8412 MW: 303.44 MOLFM: C18-H25-N-O6 .Cl,H
SYN: (15-alpha,20S)-15,20-EPOXY-15,20-DIHYDRO-12-HYDROXYSENECIONAN-11,16-DIONE HYDROCHLORIDE * JACOBINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3H30J16P01 ipr-rat LD50:138 mg/kg FRBGAT 9,142,68

VT5710000 SENECIONAN-11,16-DIONE, 12-HYDROXY-
UPDT:8403 CAS: 130-01-8 MW: 335.44 MOLFM: C18-H25-N-O5
SYN: AUREINE * 12-HYDROXYSENECIONAN-11,16-DIONE * SENECIONINE
MUTATION DATA AND REFERENCES:
sln-dmg-par 20 umol/L ZEVBA5 91,74,60
dnd-mus-ipr 90 mg/kg TOXID9 1,42,81
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:33 mg/kg CBINA8 12,299,76
unk-rat LD50:40 mg/kg CNREA8 28,2237,68
ivn-mus LD50:64 mg/kg JPETAB 75,69,42
ivn-ham LD50:61 mg/kg RETOAE 5,53,49
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ZKKOBW 78,99,72
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

VT5711000 SENECIONAN-11,16-DIONE, 12-HYDROXY-, HYDROCHLORIDE
UPDT:8412 MW: 371.90 MOLFM: C18-H25-N-O5 .Cl-H
SYN: AUREINE * 12-HYDROXYSENECIONAN-11,16-DIONE HYDROCHLORIDE * SENECIONIN * SENECIONINE
TOXICITY DATA AND REFERENCES:
3H30J16P01 ipr-rat LD50:85 mg/kg FRBGAT 9,142,68

VT5960000 SENECIONANIUM, 8,12-DIHYDROXY-4-METHYL-11,16-DIOXO-
UPDT:8408 CAS: 2318-18-5 MW: 366.48 MOLFM: C19-H28-N-O6
SYN: 2,12-DIHYDROXY-4-METHYL-11,16-DIOXOSENECIONANIUM * trans-15-ETHYLIDENE-12-beta-HYDROXY-4,12-alpha,13-beta-TRIMETHYL 8-OXO-4,8 SECOSENEC-1-ENINE * NSC-89945 * RENARDIN * RENARDINE * 4,8-SECOSENECIONAN-8,11,16-TRIONE, 12-HYDROXY-4-METHYL- * SENKIRKIN * SENKIRKINE * SENKIRKINE (neutral)
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate MUREAV 68,211,79
sln-dmg-orl 10 umol/L/3D-I FCTOD7 22,223,84
TUMORIGENIC DATA AND REFERENCES:
2V02L60 ipr-rat TDLo:1320 mg/kg/56W-I JJIND8 63,469,79
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:200 mg/kg NATUAS 227,401,70
ipr-rat LD50:220 mg/kg JJIND8 63,469,79
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PPTCBY 9,79,79
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 31,231,83
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 10,327,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VT5970000 SENECIONANIUM, 8,12,18-TRIHYDROXY-4-METHYL-11,16-DIOXO-
UPDT:8401 CAS: 26782-43-4 MW: 381.47 MOLFM: C19-H27-N-O7
SYN: HYDROXYSENKIRKINE * SENKIRKINE, HYDROXY-
TUMORIGENIC DATA AND REFERENCES:
2V03A60 ipr-rat TDLo:300 mg/kg JNCIAM 49,665,72
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:200 mg/kg NATUAS 227,401,70
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTRRDO 60,1171,76
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 10,265,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VT5970500 SENECIO NEMORENSIS FUCHSII, alkaloidal extract
DEF:Alkaloidal extract contains the two pyrrolizidine alkaloids FUCHSISENECIONINE and SENECIONINE(ARZNAD 32,144,82)
UPDT:8305
MUTATION DATA AND REFERENCES:
msc-ham:lng 156 mg/L ARZNAD 32,144,82
TUMORIGENIC DATA AND REFERENCES:
3V01L60Y15 orl-rat TDLo:4160 mg/kg/2Y-I ARZNAD 32,144,82
3V01L60Y15 orl-rat TD :20800 mg/kg/2Y-I ARZNAD 32,144,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SENECIONIN see: VT5711000
SENECIONINE see: VT5710000
SENECIONINE see: VT5711000

VT5975000 SENECIO PEDUNCULATUS Hk. f. & T., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
3F07H02M10 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

VT5977000 SENECIPHYLLINE
UPDT:8412 CAS: 480-81-9 MW: 333.42 MOLFM: C18-H23-N-O5
MUTATION DATA AND REFERENCES:
sln-dmg-orl 10 umol/L/3D-I FCTOD7 22,223,84

VT5978020 SENECIPHYLLINE, HYDROCHLORIDE
UPDT:8412 MW: 369.88 MOLFM: C18-H23-N-O5 Cl-H
SYN: JACODINE HYDROCHLORIDE * NCI-C61165 * NSC 30622 * SENECIONAN-11,16-DIONE, 13,19-DIDEHYDRO-12-HYDROXY-, HYDROCHLORIDE * SENECIPHYLLIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3J30K30P01 orl-rat LDLo:25 mg/kg NATUAS 179,361,57
3H30J16P01 ipr-rat LD50:77 mg/kg FRBGAT 9,142,68
3F12G30J30 ivn-rat LDLo:60 mg/kg JPETAB 68,130,40
2.02P01 unk-rat LDLo:77 mg/kg PAREAQ 22,429,70
3F12G30J30 ivn-mus LDLo:50 mg/kg JPETAB 68,130,40
3F12G30J30 ivn-gpg LDLo:50 mg/kg JPETAB 68,130,40
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTRRDO 60,1171,76
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 10,319,76
SENECIPHYLLIN HYDROCHLORIDE see: VT5978020
SENEGAL GUM see: CE5945000
SENEGENIN see: RC8815000
SENEGIN see: RC8815000
SENF OEL (German) see: NX8225000
SENFOL (German) see: NX8580000
SENKIRKIN see: VT5960000
SENKIRKINE see: VT5960000
SENKIRKINE (neutral) see: VT5960000
SENKIRKINE, HYDROXY- see: VT5970000
SENSIT see: DP4790000
SENSITIZER BO-1 see: KK9240000
SENSITOL RED see: VC3676870
SENTIV see: AH2625000
SENTONIL see: UE5550000
SENTRY see: NH3485000
SENTRY GRAIN PRESERVER see: UE5950000
SEOMINAL see: ZG0350000
SECOTAL see: CP9800000
SEPAZON see: RQ5831350

VT6256000 SEPIA ESCULENTA Hoyle, crude extract
UPDT:8408
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:20 gm/kg (2D pre/1-3D preg) MPHEAE 16,414,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SEPIAN N 050 see: AT6978000
SEPIAN N 6000HL see: AT6978000
SEPPIC MMD see: AG1575000
SEPPUDY see: GN1775000
SEPSINOL see: RQ3620000
SEPTACIDIN see: MJ9850000
SEPTACIL see: WP0750000
SEPTAMIDE ALBUM see: WO8400000

VT6301000 SEPTAMYCIN
UPDT:8309 MW: 916.31 MOLFM: C48-H83-O16
SYN: ANTIBIOTIC A 28695 A
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:10 mg/kg 85ERAY 1,800,78
* orl-mus LD50:41 mg/kg 85GDA2 5,486,81
* ivn-dog LD50:5 mg/kg 85ERAY 1,800,78

VT6307000 SEPTAMYCIN, 27-HYDROXY-, (27R)-
UPDT:8309 CAS: 42617-35-6 MW: 931.30 MOLFM: C48-H82-O17
SYN: A 28695B * ANTIBIOTIC A 28695B * (27R)-27-HYDROXYSEPTAMYCIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:43500 ug/kg 85GDA2 5,486,81
SEPTANILAM see: WO8400000
SEPTENE see: FC5950000
SEPTICOL see: AB6825000
SEPTINAL see: WO8400000
SEPTIPHENE see: GO7175000
SEPTIPULMON see: DA9625000
SEPTISOL see: SM0700000
SEPTOCHOL see: FZ2100000
SEPTOFEN see: SM0700000
SEPTOLIX see: WO8400000
SEPTOPLEX see: WO8400000
SEPTOPLIX see: WO8400000
SEPTOS see: DH2450000
SEPTOTAN see: OW6300000
SEPTRA see: UV8240000
SEPTRA see: WP0700000
SEPTRAN see: UV8240000
SEPTRAN see: WP0700000
SEPTRIM see: UV8240000
SEPTRIN see: UV8240000
SEPTRIN see: WP0700000
SEPTURAL see: UV1153900
SEPUDDY see: GN1775000
SEPYRON see: OO8200000
SEQUAMYCIN see: WG9400000
SEQUESTRENE see: AH5075000
SEQUESTRENE 30A see: AH5075000

SEQUESTRENE AA see: AH4025000
SEQUESTRENE Na3 see: AH5250000
SEQUESTRENE Na 4 see: AH5075000
SEQUESTRENE NA 4 see: AH5075000
SEQUESTRENE NaFe IRON CHELATE see: AH4900000
SEQUESTRENE SODIUM 2 see: AH4375000
SEQUESTRENE ST see: AH5075000
SEQUESTRENE TRISODIUM see: AH5250000
SEQUESTRENE TRISODIUM SALT see: AH5250000
SEQUESTRIC ACID see: AH4025000
SEQUESTROL see: AH4025000
SEQUILAR see: JF8300000
SEQUOSTAT see: JF8300000
SERAGON see: TU4517000
SERAGONIN see: TU4517000
SERAL see: SC4900000
SERANEX see: AM4375000
SERAX see: DF1400000
SERAZIDE see: VT9632200
(D-SER-(BU(sup t))(sup 6)-DES-GLY)-LHRH ETHYLAMIDE see: OK6702000
(D-SER-(BU(sup t))(sup 6)-DES-GLY)-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE see: OK6702000
(D-SER(BU(sup t)(sup 6))LH-RH(1-9)NONAPEPTIDE-ETHYLAMIDE see: OK6690000
Z-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-PHE(sup 6)-DES-GLY(sup 10))-LHRH ETHYLAMIDE HCl H2-O see: OK6705000
Z-(SER(BZL)(sup 1)-DES-HIS(sup 2)-D-PHE(sup 6))-LHRH HYDROCHLORIDE HYDRATE (2:3:8) see: OK6708000
SER CNU see: VT9606000
SEREEN see: YM4550000
SERENACE see: EU1575000
SERENACK see: DF1575000
SERENAL see: DF1400000
SERENAMIN see: DF1575000
SERENASE see: EU1575000
SERENELFI see: EU1575000
SERENID see: DF1400000
SERENID-D see: DF1400000
SERENIL see: SB4725000
SERENIUM see: DE9070000
SERENSIL see: SB4725000
SEREN VITA see: D[illegible]450000
SERENZIN see: DF[illegible]5000
SEREPAX see: DF1400000
SERESTA see: DF1400000
SERFIN see: ZG0350000
SERFOLIA see: ZG0350000
SERGOSIN see: PB2250000
SERIAL see: TU4140000
SERIBAK see: SM0750000
SERICINE HYDROCHLORIDE see: RC1260000
SERICOSOL-N see: JH8390000
SERIL see: TZ0175000
SERINAL see: RP7190000
(D-SERINE-t-BUTYL(sup 6),DES-GLYCINE-NH2(sup 10))-LHRH ETHYLAMIDE see: OK6710000

VT9606000 SERINE, N-((2-CHLOROETHYL)NITROSOCARBAMOYL)-, METHYL ESTER, L-
UPDT:8303 MW: 253.67 MOLFM: C7-H12-Cl-N3-O5
SYN: L-N-((2-CHLOROETHYL)NITROSOCARBAMOYL)SERINE METHYL ESTER * ESTER METHYLIQUE de la N-((CHLORO-2-ETHYL)NITROSOCARBAMOYL)-L-SERINE (French) * ICIG 1735 * SER CNU
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:150 mg/kg EJMCA5 17,257,82

VT9607000 SERINE, N-((2-CHLOROETHYL)NITROSOCARBAMOYL)-, METHYL ESTER, ACETATE (ester), L-
UPDT:8307 MW: 295.71 MOLFM: C9-H14-Cl-N3-O6
SYN: ACO SER CNU * L-N-((2-CHLOROETHYL)NITROSOCARBAMOYL)SERINE METHYL ESTER ACETATE (ester) * ESTER METHYLIQUE de la O-(ACETATE)-N-((CHLORO-2-ETHYL)NITROSOCARBAMOYL)-L-SERINE * ICIG 1773
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:33 mg/kg EJMCA5 17,257,82

VT9608000 SERINE, N-((2-CHLOROETHYL)NITROSOCARBAMOYL)-, METHYL ESTER, CHLOROACETATE (ester)
UPDT:8303 MW: 330.15 MOLFM: C9-H13-Cl2-N3-O6
SYN: L-N-((2-CHLOROETHYL)NITROSOCARBAMOYL)SERINE METHYL ESTER CHLOROACETATE (ester) * CLACO SER CNU * ESTER METHYLIQUE de la O-(CHLOROACETATE)-N-((CHLORO-2-ETHYL)NITROSOCARBAMOYL)-L-SERINE * ICIG 1771
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:38 mg/kg EJMCA5 17,257,82

VT9609000 SERINE, N-((2-CHLOROETHYL)NITROSOCARBAMOYL)-, METHYL ESTER, (2-CHLOROETHYL)CARBAMATE (ester), L-
UPDT:8303 MW: 359.20 MOLFM: C10-H16-Cl2-N4-O6
SYN: CU SER CNU * ICIG 1704
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:45 mg/kg EJMCA5 17,257,82

VT9609500 SERINE, N-((2-CHLOROETHYL)NITROSOCARBAMOYL)-, METHYL ESTER, p-NITROBENZOATE (ester), L-
UPDT:8303 MW: 402.78 MOLFM: C14-H15-Cl-N4-O8
SYN: L-N-((2-CHLOROETHYL)NITROSOCARBAMOYL)SERINE METHYL ESTER p-NITROBENZOATE (ester) * ESTER METHYLIQUE de la O-(p-NITROBENZOATE)-N-((CHLORO-2-ETHYL)NITROSOCARBAMOYL)-L-SERINE * ICIG 1703 * PNB SER CNU
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:45 mg/kg EJMCA5 17,257,82

VT9625000 SERINE, DIAZOACETATE (ESTER)
UPDT:8412 CAS: 115-02-6 MW: 173.15 MOLFM: C5-H7-N3-O4
SYN: ACETIC ACID, DIAZO-, ESTER WITH SERINE * AZASERINE * L-AZASERINE * CL 337 * CN-15,757 * DIAZOACETATE (ESTER) L-SERINE * L-DIAZOACETATE (ESTER) SERINE * O-DIAZOACETYL-L-SERINE * NSC-742 * P-165 * L-SERINE DIAZOACETATE (ester) * RCRA WASTE NUMBER U015
MUTATION DATA AND REFERENCES:
mmo-sat 10 uL/plate ANYAA9 76,475,58
mmo-sat 200 ng/plate PNASA6 72,5135,75
mmo-esc 100 ug/disc APMBAY 6,23,58
dnr-esc 50 ug/plate CNREA8 34,1658,74
dnd-esc 20 mg/L MUREAV 94,31,82
pic-esc 10 ug/L APMBAY 12,234,64
mmo-bcs 500 umol/L EXPEAM 39,530,83
mmo-omi 1 mg/plate JGAMA9 11,129,65
otr-rat-par 20 mg/kg CALEDQ 7,265,79
dnd-rat:lvr 30 umol/L MUREAV 113,357,83
dnd-rat-ipr 10 mg/kg CRNGDP 5,555,84
dnd-rat-orl 100 mg/kg ENMUDM 4,667,82
dnd-rat-par 3 mg/kg CALEDQ 16,65,82
dnd-rat:oth 30 mg/L CALEDQ 12,75,81
dns-rat-orl 100 mg/kg ENMUDM 4,553,82
dns-rat-par 10 mg/kg IJCNAW 28,601,81
dns-rat:oth 30 mg/L JJIND8 71,523,83
dns-rat-unk 100 mg/kg ENMUDM 6,446,84
dni-rat-par 10 mg/kg IJCNAW 28,601,81
dns-rat:oth 100 umol/L ENMUDM 6,321,84
dns-mus:lvr 10 umol/L CNREA8 44,2918,84
dnd-ham-par 3 mg/kg CALEDQ 16,65,82
dns-ham:oth 30 mg/L JJIND8 71,523,83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T41T43T46 orl-rat TDLo:2500 ug/kg (8D preg) PSEBAA 94,27,57
2T34T55 orl-rat TDLo:2500 ug/kg (8D preg) PSEBAA 94,27,57
2T43T46 ipr-rat TDLo:2500 ug/kg (10D preg) CANCAR 9,955,56
1T35 ipr-rat TDLo:7500 ug/kg (9-11D preg) CANCAR 9,955,56
1T25 ipr-rat TDLo:500 ug/kg (11D preg) CANCAR 9,955,56
1T27 ipr-rat TDLo:10 mg/kg (7-8D preg) PSEBAA 94,27,57
1T29 ims-dog TDLo:15 mg/kg (20-22D preg) JAVMA4 130,159,57
3T25T35T46 ipr-ham TDLo:2 mg/kg (8D preg) EXPEAM 39,324,83
1T34 ipr-ham TDLo:2500 ug/kg (8D preg) EXPEAM 39,324,83
3T25T35T46 ivn-ham TDLo:2 mg/kg (8D preg) EXPEAM 39,324,83
1T34 ivn-ham TDLo:2500 ug/kg (8D preg) EXPEAM 39,324,83
TUMORIGENIC DATA AND REFERENCES:
3V02K60M60 orl-rat TDLo:150 mg/kg/5W-C CANCAR 47,1562,81
3V01K60M61 ipr-rat TDLo:260 mg/kg/26W-I CNREA8 35,2249,75
3V02K60M61 ipr-rat TD :120 mg/kg/24W-I CALEDQ 4,229,78
2V02K60 ipr-rat TD :150 mg/kg/5W-I JJIND8 62,1269,79
2V03K60 ipr-rat TD :440 mg/kg/13W-I CNREA8 40,592,80
3V03K02K61 ipr-rat TD :50 mg/kg CALEDQ 9,43,80
2V02K60 ipr-rat TDLo:120 mg/kg/24W-I GANNA2 69,633,78
2V03K60 ipr-rat TD :60 mg/kg/6W-I PAACA3 21,109,80
3V02K60M60 ipr-rat TD :210 mg/kg/6W-I CANCAR 47,1562,81
2V03K60 ipr-rat TD :30 mg/kg/6W-I FEPRA7 34,827,75
2V03K60 ipr-rat TD :150 mg/kg/15W-I AJPAA4 105,94,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:170 mg/kg CANCAR 10,889,57
* ipr-rat LD50:70 mg/kg PSEBAA 94,27,57
orl-mus LD50:150 mg/kg CANCAR 10,889,57
ipr-mus LD50:100 mg/kg CANCAR 10,889,57
* scu-mus LD50:50 mg/kg 85GDA2 4(1),432,80
* ivn-mus LD50:62 mg/kg 85ERAY 2,1249,78
ivn-dog LDLo:30 mg/kg TXAPA9 22,595,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JAMAAP 172,1765,60; 32XPAD -,49,75; CLPTAT 5,480,64; ARVPAX 5,447,65; ADVPA3 4,263,66
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 10,73,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

L-SERINE DIAZOACETATE (ester) see: VT9625000

VT9625500 SERINE, N-(4,5-DICHLORO-2-NITROPHENYL)-, DL-
UPDT:8405 MW: 295.09 MOLFM: C9-H8-Cl2-N2-O5
SYN: N-(4,5-DICHLORO-2-NITROPHENYL)-DL-SERINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:400 mg/kg JPMSAE 51,783,62

VT9626300 SERINE, N-(2,4-DINITROPHENYL)-, DL-
UPDT:8405 CAS: 10547-30-5 MW: 271.21 MOLFM: C9-H9-N3-O7
SYN: N-(2,4-DINITROPHENYL)-DL-SERINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:800 mg/kg JPMSAE 51,783,62

L-SERINE, ESTER with N-METHYL-N-NITROSO-beta-ALANINE (9CI) see: VT9630000
L-SERINE, ESTER with N-METHYL-N-NITROSOGLYCINE (9CI) see: VT9632000

VT9630000 SERINE, N-(3-METHOXYACETAMIDO-5-METHYLCARBAMOYL-2,4,6-TRIIODOBENZOYL)-, DL-
UPDT:8403 CAS: 57469-59-7 MW: 731.04 MOLFM: C15-H16-I3-N3-O7
SYN: ALANOSER * DL-N-(3-METHOXYACETAMIDO-5-METHYLCARBAMOYL-2,4,6-TRIIODOBENZOYL)SERINE * L-SERINE, ESTER with N-METHYL-N-NITROSO-beta-ALANINE (9CI)
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:19 gm/kg EJMCA5 10,84,75

VT9630400 SERINE, O-(N-METHYL-N-NITROSO-beta-ALANYL)-, L-
UPDT:8401 CAS: 52977-61-4 MW: 219.23 MOLFM: C7-H13-N3-O5
SYN: O-(N-NITROSO-N-METHYL-beta-ALANYL)-L-SERINE
MUTATION DATA AND REFERENCES:
dnr-esc 200 ug/disc CNREA8 34,1658,74
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

VT9632000 SERINE, O-(N-NITROSOSARCOSYL)-, L-
UPDT:8403 CAS: 53051-16-4 MW: 205.20 MOLFM: C6-H11-N3-O5
SYN: O-(N-NITROSOSARCOSYL)-L-SERINE * L-SERINE, ESTER with N-METHYL-N-NITROSOGLYCINE (9CI)
MUTATION DATA AND REFERENCES:
dnr-esc 250 ug/disc CNREA8 34,1658,74
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

VT9632200 SERINE, 2-(2,3,4-TRIHYDROXYBENZYL)HYRAZIDE, DL-
UPDT:8306 CAS: 322-35-0 MW: 257.28 MOLFM: C10-H15-N3-O5
SYN: BENSERAZIDE * SERAZIDE * DL-SERINE, 2-((2,3,4-TRIHYDROXYPHENYL)METHYL)HYDRAZIDE (9CI) * DL-SERYLTRIHYDROXYBENZYLHYDRAZINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-rat TDLo:2880 mg/kg (90D pre) TXAPA9 66,201,82
1T02 orl-rat TDLo:11700 mg/kg (90D male) TXAPA9 66,201,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VT9632300 SERINE, 2-(2,3,4-TRIHYDROXYBENZYL)HYDRAZIDE, MONOHYDROCHLORIDE, DL-
UPDT:8403 CAS: 14919-77-8 MW: 293.74 MOLFM: C10-H15-N3-O5 Cl-H
SYN: BENSERAZIDE HYDROCHLORIDE * RO 4-4602 * DL-SERINE 2-(2,3,4-TRIHYDROXYBENZYL)HYDRAZINE HYDROCHLORIDE * DL-SERINE, 2-((2,3,4-TRIHYDROXYPHENYL)METHYL)HYDRAZIDE, MONOHYDROCHLORIDE (9CI)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5800 mg/kg IYKEDH 11,181,80
* ipr-rat LD50:2150 mg/kg IYKEDH 11,181,80
* scu-rat LD50:2910 mg/kg IYKEDH 11,181,80
* orl-mus LD50:6350 mg/kg IYKEDH 11,181,80
* ipr-mus LD50:2300 mg/kg IYKEDH 11,181,80
* scu-mus LD50:3300 mg/kg IYKEDH 11,181,80

DL-SERINE 2-(2,3,4-TRIHYDROXYBENZYL)HYDRAZINE HYDROCHLORIDE see: VT9632300
DL-SERINE, 2-((2,3,4-TRIHYDROXYPHENYL)METHYL)HYDRAZIDE (9CI) see: VT9632200
DL-SERINE, 2-((2,3,4-TRIHYDROXYPHENYL)METHYL)HYDRAZIDE, MONOHYDROCHLORIDE (9CI) see: VT9632300
SERINGINA see: ZG0175000
SERINYL BLUE 2G see: CB0540000
SERINYL BLUE 3G see: CB0540000

SERINYL BLUE 3GN see: CB0540000
SERINYL HOSIERY YELLOW GD see: AC3662000
SERIPLAS YELLOW GD see: AC3662000
SERISOL FAST YELLOW GD see: AC3662000
SERISOL ORANGE YL see: CB5740000
SERISTAN BLACK B see: QJ6160000
SERITOX 50 see: UF1050000

VT9843000 SERJANIA MEXICANA Willd., leaf and stem extract
DEF:Jamaican plant belonging to the family SAPINDACEAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:20 gm/kg JPPMAB 14,556,62
SERMION see: KE6341000
SERNAS see: EU1575000
SERNEL see: EU1575000
SERNEVIN see: BZ3400000 o-ANISAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-SULFAMOYL-
SERNYL see: TN2272600
SERNYLAN see: TN2272600
SERNYL HYDROCHLORIDE see: TN2272600
SERODEN see: AE3850000
SEROFINEX see: UE9480000
SEROGAN see: TU4517000
SEROLFIA see: ZG0350000
SEROMYCIN see: NY2975000
SEROTIN CREATININE SULFATE see: NM2550000
SEROTINEX see: UE9480000
SEROTONIN see: NM2450000
SEROTONIN BENZYL ANALOG see: NL4025000
SEROTONIN CREATININE SULFATE MONOHYDRATE see: NM2550000
SEROTONINE see: NM2450000
SEROTROPIN see: TU4517000
SERP see: ZG0350000
SERP-AFD see: ZG0350000
SERPAGON see: ZG0175000
SERPALAN see: ZG0350000
SERPALOID see: ZG0350000
SERPANEURONA see: ZG0350000
SERPANRAY see: ZG0350000
SERPASIL see: ZG0350000
SERPASIL APRESOLINE see: ZG0350000
SERPASIL APRESOLINE No. 2 see: TH9000000
SERPASIL-ESIDREX see: ZG0350000
SERPASIL-ESIDREX K see: ZG0350000
SERPASIL-ESIDREX NO. 1 see: ZG0350000
SERPASIL-ESIDREX NO. 2 see: ZG0350000
SERPASIL PREMIX see: ZG0350000
SERPASOL see: ZG0350000
SERPATE see: ZG0350000
SERPATONE see: ZG0350000
SERPAX see: DF1400000
SERPAX see: ZG0350000
SERPAZIL see: ZG0350000
SERPAZOL see: ZG0350000
SERPEDIN see: ZG0350000
SERPEN see: ZG0350000
SERPENA see: ZG0350000
SERPENTIL see: ZG0350000
SERPENTIN see: ZG0350000
SERPENTINA see: ZG0350000
SERPENTINE see: CI6475000
SERPENTINE see: VU2340000

VU2340000 SERPENTINE (alkaloid), HYDROXIDE, inner salt
UPDT:8306 CAS: 131-07-7 MW: 348.43 MOLFM: C21-H20-N2-O3
SYN: METHYL ESTER of SERPENTINIC ACID * SERPENTINE * SERPENTINE HYDROXIDE, inner salt
TOXICITY DATA AND REFERENCES:
3F25F43J24 ipr-rat LD50:42 mg/kg AIPTAK 123,168,59
3F25F43J24 ipr-mus LD50:144 mg/kg AIPTAK 123,168,59
3F25F43J24 scu-mus LD50:166 mg/kg AIPTAK 123,168,59
SERPENTINE HYDROXIDE, inner salt see: VU2340000
SERPENTINE 'PHARBIL' see: ZG0350000
SERPENTINIC ACID ISOBUTYL ESTER see: RP5776700
SERPICON see: ZG0350000
SERPIL see: ZG0350000
SERPILOID see: ZG0350000
SERPILUM see: ZG0350000
SERPINE see: ZG0350000
SERPINE (PHARMACEUTICAL) see: ZG0350000
SERPIPUR see: ZG0350000
SERPIVITE see: ZG0350000
SERPLEX K see: ZG0350000
SERPOGEN see: ZG0350000
SERPOID see: ZG0350000
SERPONE see: ZG0350000
SERPRESAN see: ZG0350000
SERPYRIT see: ZG0350000
SERRAL see: WJ5600000
SERRATIA MARCESCENS ENDOTOXIN see: JZ2700000

VU3183000 SERRATIA PISCATORUM POLYSACCHARIDE
UPDT:8405
TOXICITY DATA AND REFERENCES:
3C08F07F17 scu-mus LD50:575 mg/kg JJPAAZ 24,109,74
3C08F07F17 ivn-mus LD50:44 mg/kg JJPAAZ 24,109,74
3C08F07F17 ims-mus LD50:185 mg/kg JJPAAZ 24,109,74
SERTABS see: ZG0350000
SERTAN see: UV9100000
(D-(SER-TBU)(sup 6)-DES-GLY(sup 10)-PRO(sup 9))-LHRH ETHYLAMIDE see: OK6730000
(D-SER-TBU(sup 6),DES-GLY-NH2(sup 10))-LHRH ETHYLAMIDE see: OK6710000
(D-SER-TBU(sup 6),DES-GLY-NH2(sup 10))-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE see: OK6710000
(D-SER(TBU)(sup 6)-EA(sup 10))-LHRH see: OK6690000
(D-SER(TBU)(sup 6)-EA(sup 10))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6690000
D-SER(TBU(sup 6))-LH-RH-(1-9)-NONAPEPTIDE ETHYLAMIDE see: OK6690000
SERTENS see: ZG0350000
SERTENSIN see: ZG0350000
SERTINA see: ZG0350000
SERTINON see: NS0350000
SERTOFRAN see: HO0350000

VU3710000 SERUM, ANTIOVARIAN RABBIT HETEROIMMUNE
UPDT:8402
SYN: ANTIOVARIAN RABBIT HETEROIMMUNE SERUM
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:12 gm/kg (1D pre) JRPFA4 42,377,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SERUM GONADOTROPHIN see: TU4517000
SERUM GONADOTROPIC HORMONE see: TU4517000
SERUM GONADOTROPIN see: TU4517000
SERUM, RABBIT ANTIBOVINE LUTEINIZING HORMONE see: OK6369000
SERVISONE see: TU4154100
DL-SERYLTRIHYDROXYBENZYLHYDRAZINE see: VT9632200
SES see: KK4900000
SESAGARD see: XY4390000

VU3940000 SESAME OIL
UPDT:8305 CAS: 8008-74-0
SYN: GINGILLI OIL * SEXTRA
IRRITATION DATA AND REFERENCES:
skn-hmn 300 mg/3D-I MLD 85DKA8 -,127,77
TUMORIGENIC DATA AND REFERENCES:
2V01R60 scu-mus TDLo:2000 mg/kg/W-I AVBIB9 22/23,359,79
2V03R60 scu-mus TD :2000 mg/kg/W-I FEPRA7 38,1450,79
TOXICITY DATA AND REFERENCES:
* ivn-rbt LD50:678 ug/kg APTOA6 45,352,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SESAMEX see: AB2831000
SESAMOL see: SM0890000

VU3980000 SESAMUM INDICUM Linn., seed extract
DEF:Indian plant belonging to the family PEDALIACEAE (IJEBA6 6,232,68)
UPDT:8302
SYN: TIL SEED EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 6,232,68

VU3989000 SESBANIA AEGYPTICA Poir, flower extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJMRAQ 63,378,75)
UPDT:8305
SYN: JAYANTI FLOWER EXTRACT
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-mus TDLo:300 mg/kg (1-6D preg) IJMRAQ 63,378,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VU3989500 SESBANIA CANNABINA (Retz.) Pers., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:45 mg/kg IJEBA6 18,594,80

VU3990000 SESBANIA SESBAN (Linn.) Merr., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 11,43,73)
UPDT:8403
SYN: JAIT EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:50 mg/kg IJEBA6 11,43,73

VU3991000 SESBANIA SESBAN (L.) Merr. var. BICOLOR W. & A., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8412
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:500 mg/kg (1-5D preg) IJEBA6 18,594,80
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:45 mg/kg IJEBA6 18,594,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VU4010000 SESELI INDICUM Wight & Arn., fruit extract
DEF:Indian plant belonging to the family UMBELLIFERAE (IJEBA6 9,91,71)
UPDT:8302
SYN: BANJOAN FRUIT EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:175 mg/kg IJEBA6 9,91,71
SESONE see: KK4900000
SESOXANE see: AB2831000
SESQUIETHYLALUMINUM CHLORIDE see: BD1950000
SESQUISULFURE DE PHOSPHORE (French) see: TH4330000
SET see: OV8400000
SETACYL BLUE 2GS see: CB0540000
SETACYL BLUE 2GS II see: CB0540000
SETACYL DIAZO NAVY R see: DD0875000
SETACYL YELLOW G see: AC3662000
SETACYL YELLOW 2GN see: AC3662000
SETACYL YELLOW P-2GL see: AC3662000
SETHOXYDIM see: GW7191000
SETHYL see: MS9000000
SETONIL see: DF1575000
SETRAN see: TZ0175000
SETRETE see: OU9630000
SEVENAL see: CQ6825000
SEVICAINE see: DG2275000
SEVIMOL see: FC5950000
SEVIN see: FC5950000
SEVINOL see: TL9730000
SEVINON see: YQ2975000
SEXADIEN see: SL0580000
SEXADIENO see: GO7550000
SEXOCRETIN see: WJ5600000
SEXOVAR see: GO7550000
SEXOVID see: GO7550000
SEXTONE see: GW1050000
SEXTONE B see: GV6125000
SEXTRA see: VU3940000
SF 60 see: WM8400000

VU6200000 SF-96
DEF:Polydimethylsiloxanes (AITRD3 -,563,79)
UPDT:8305
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/1H MLD AITRD3 -,563,79
SF-337 see: XZ6157000
SF 837 see: OH4730600

VU6303000 SF-1508
DEF:Produced by STREPTOMYCES HYGROSCOPICUS SF-1508 (JANTAJ 30,77-26,77)
UPDT:8309
SYN: ANTIBIOTIC SF-1508
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:25 mg/kg 85GDA2 5,268,81

SF-6505 see: NY2932000
SF 1306A see: CB9754270
SF-2080A see: UX9459000
SF 733 ANTIBIOIC SULFATE see: WK2300000
SF-2080B see: SX9200000
S6F HISTYRENE RESIN see: WL6478000
SF 1739 HP see: CB9754650
SFK 70 see: YU1610000
SG-67 see: VV7310000
SG-67 see: VV7320000
SGD 144 80 see: XH5624500
SGD 145 80 see: XH5624200
SGD 195 78 see: XH5624000
SGD 269 76 see: XH5630000
SGD 275 76 see: XH5093090
SGD-SCHA 1059 see: NL7440000
SGD SCHA 1509 (SIEGFRIED) see: KH8650000
SH 100 see: TN4750000
SH 261 see: DO5470000
SH 393 see: RC8973000
SH 514 see: MW5200000
SH 567 see: BV8408500
SH 714 see: GZ2230000
SH 717 see: DB2920000
SH 742 see: TU3832500
SH 766 see: GQ3550000
SH 771 see: WM4220000
SH 850 see: JF8225200
SH 926 see: DG0895000
SH 30858 see: ON9110800
SH 70850 see: JF8225200
SH 71121 see: JF8300000
SH 80881 see: GZ2228000
SH 567a see: BV8408500
SHADOCOL see: SM8400000
SHALE OIL (DOT) see: VU6680000

VU6680000 SHALE OILS, CRUDE
UPDT:8412
SYN: CRUDE SHALE OILS * SHALE OIL (DOT) * UN 1288 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/72H	AIHAAP 40,460,79

MUTATION DATA AND REFERENCES:

	mmo-sat 1 mg/plate	45KQAH -,173,80
	cyt-mus-ipr 1500 mg/kg	ENMUDM 4,639,82
	sce-mus-ipr 1500 mg/kg	ENMUDM 4,408,82
	mma-ham:ovr 1 gm/L	45KQAH -,173,80
	slt-ham:ovr 1 gm/L	NTIS** CONF-800680-3

TUMORIGENIC DATA AND REFERENCES:

3V01R60V10	skn-mus TDLo:20700 mg/kg/69W-I	EVHPAZ 38,149,81
3V01R60V10	skn-mus TD :26208 mg/kg/2Y-I	NTIS** CONF-801143
3V01R60V10	skn-mus TD :265 gm/kg/2Y-I	NTIS** CONF-801143
2V01R60	skn-mus TD :31200 mg/kg/2Y-I	NTIS** CONF-790334-3
2V03R60	skn-mus TD :28800 mg/kg/30W-I	NTIS** CONF-790334-3
2V03R60	skn-mus TD :168 gm/kg/14W-I	BMJOAE 2,1104,22
2V03R60	skn-mus TD :216 gm/kg/18W-I	BMJOAE 2,1104,22

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:8 gm/kg	AIHAAP 40,460,79
	orl-mus LD50:11 gm/kg	NTIS** CONF-800680-1
*	ipr-mus LD50:4300 mg/kg	NTIS** CONF-800680-1
*	skn-rbt LD50:5 gm/kg	NTIS** BNL-51002-273,79

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1081-0417
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SHALVATON see: TZ0175000
SHAMROX see: AG1575000
SHANKHANAPUSHAPPI (Indian) see: EX6653000
SHARCILLIN see: XH9450000
SHARIFA EXTRACT (Indian) see: CA1186000
SHARSTOP 204 see: FD3500000
SHB 286 see: MJ8810000
SHB 261AB see: JF8300000
SHB 264AB see: JF8300000
SHED-A-LEAF see: FO0525000
SHED-A-LEAF 'L' see: FO0525000
SHEEP DIP see: CG1330000
SHEEP DIP (DOT) see: CG1330000
S. HELIANTHUS TOXIN see: XW5876000
SHELL 40 see: AG8050000
SHELL 300 see: WL6475000
SHELL 345 see: UC9625000
SHELL 4072 see: TB8750000
SHELL 4402 see: PC1225000
SHELL 5520 see: UD1842000
SHELL ATRAZINE HERBICIDE see: XY5600000
SHELL GOLD see: MD5070000
SHELL MIBK see: SA9275000
SHELL SD 345 see: UC9625000
SHELL SD-1996 see: TB9670000
SHELL SD-2218 see: TB9350000
SHELL SD-2244 see: TC0650000
SHELL SD-2580 see: EK7785000
SHELL SD-3450 see: IO2275000
SHELL SD-3562 see: TC3850000
SHELL SD-3945 see: GQ4430000
SHELL SD 4,239 see: GQ4375000
SHELL SD-4481 see: GQ4460000
SHELL SD 4294 see: GQ5075000
SHELL SD-4442 see: GQ4350000
SHELL SD-4893 see: GQ4230000
SHELL SD-5030 see: TB8540000
SHELL SD-5532 see: PB9800000
SHELL SD-5539 see: GQ5300000
SHELL SD-6056 see: TB9700000
SHELL SD-6093 see: ES8350000
SHELL SD-6097 see: GQ4280000
SHELL SD-6162 see: GQ4490000
SHELL SD-6460 see: TB9500000
SHELL SD-6830 see: MC0570000
SHELL SD-6838 see: GQ5280000
SHELL SD-6931 see: GQ5290000
SHELL SD-7053 see: TG2810000
SHELL SD-7078 see: TB8940000
SHELL SD-7079 see: TB8935000
SHELL SD-7169 see: TB8470000
SHELL SD-7172 see: TB9420000
SHELL SD-7297 see: MC0590000
SHELL SD-7300 see: AI2850000
SHELL SD-7319 see: GQ4520000
SHELL SD-7393 see: ES9010000
SHELL SD-7394 see: TB8473000
SHELL SD-7400 see: TB9400000
SHELL SD 7,438 see: TD4900000
SHELL SD-7554 see: TC2350000
SHELL SD-7565 see: TB6600000
SHELL SD-7587 see: TB8925000
SHELL SD-8280 see: TB8805000
SHELL SD-8436 see: TB8569900
SHELL SD-8448 see: TB8970000
SHELL SD-8530 see: FC8575000
SHELL SD-8591 see: NJ4900000
SHELL SD-8803 see: TE7500000
SHELL SD-8949 see: TB8448000
SHELL SD-8964 see: TB8570000
SHELL SD 8967 see: TB8440000
SHELL SD-8970 see: TB8430000
SHELL SD-8988 see: TB8460000
SHELL SD-9020 see: TE7600000
SHELL SD-9052 see: TB8550000
SHELL SD-9098 see: TE7525000
SHELL SD-9102 see: TB9105000
SHELL SD 9129 see: TC4375000
SHELL SD-9174 see: TE7400000
SHELL SD-9320 see: TE6950000
SHELL SD-9321 see: TE6900000
SHELL SD-10268 see: TD4150000
SHELL SD-10576 see: PB9520000
SHELL SD-11478 see: MC0580000
SHELL SD-14114 see: JN8770000
SHELL SILVER see: VW3500000
SHELLSOL 140 see: RA6115000
SHELL UNKRAUTTED A see: BA5075000
SHELL WL 1650 see: PC1225000
SHEORA EXTRACT (Indian) see: WK1250000
SHEORA EXTRACT (Indian) see: ZC2611000
alpha-SH-GABA see: ES7017010
SHIGATOX see: WO8575000
SHIGELLA DYSENTERIAE TOXIN see: XW5883000
SHIGRODIN see: UQ8225000
SHIKAI EXTRACT (Indian) see: AA7680800
SHIKHA-MULAM, seed extract (Indian) see: HB7710000
SHIKIMATE see: GW4600000
SHIKIMIC ACID see: GW4600000
SHIKIMOLE see: CY2800000
SHIKISO ACID FAST YELLOW MR see: DV3910000
SHIKISO ACID RED RS see: QJ6478000
SHIKISO AMARANTH see: QJ6550000
SHIKISO DIRECT DARK GREEN B see: QJ6195050
SHIKISO DIRECT SCARLET 3B see: QJ6476000
SHIKISO DIRECT SKY BLUE 5B see: QJ6420000
SHIKISO DIRECT SKY BLUE 6B see: QJ6430000
SHIKISO METANIL YELLOW see: DB7329500
SHIKOMOL see: CY2800000
SHIMMEREX see: OV6475000
SHIMRAYA EXTRACT (Indian) see: FH4550100

VU9128000 SHIN-BROVARIN, tablets
DEF:Contains BROMOVALERYLUREA, METHAQUALONE, and DIPHENYLHYDRAMINE FUMARATE (NIIRDN 6,370,82)
UPDT:8303

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:865 mg/kg	NIIRDN 6,370,82
*	ipr-mus LD50:508 mg/kg	NIIRDN 6,370,82

VU9140000 SHINING SUMAC
DEF:Hot water extract of shining sumac root (JNCIAM 60,683,78)
UPDT:8401
SYN: RHUS copallina * SUMAC, SHINING

TUMORIGENIC DATA AND REFERENCES:

2V02V10	scu-rat TDLo:3900 mg/kg/65W-I	JNCIAM 60,683,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SHINKO-LAC see: AT6970000
SHINKOLITE see: TR0400000
SHIN-NAITO S see: TI4375000
SHINNIBROL see: TI4375000
SHINNIPPON FAST RED GG BASE see: BY7000000
SHINNIPPON FAST RED 3GL BASE see: BX1575000
SHM see: HM2508000
SHMP see: OY3675000
SHOALLOMER see: UD1842000
SHOALLOMER FA 120 see: UD1842000
SHOALLOMER FA 530 see: UD1842000
SHOALLOMER MA 210 see: UD1842000
SHOCK-FEROL see: KE1050000
SHOGAOL see: HE2097000
(6)-SHOGAOL see: HE2097000

VU9670000 SHOKYO (Japanese)
DEF:Crude drug extract from ZINGIBER OFFICINALE (MUREAV 97,81,82)
UPDT:8408
SYN: ZINGIBERIS RHIZOMA (Latin)

MUTATION DATA AND REFERENCES:

	mmo-sat 10 mg/plate	MUREAV 97,81,82
	mmo-sat 10 mg/plate	MUREAV 97,81,82

SHOLA, extract (Indian) see: AW2203000 AESCHYNOMENE INDICA Linn., extract
SHOLEX 5003 see: TQ3325000
SHOLEX 5100 see: TQ3325000
SHOLEX 6000 see: TQ3325000
SHOLEX 6002 see: TQ3325000
SHOLEX F 171 see: TQ3325000

SHOLEX F 6050C see: TQ3325000
SHOLEX F 6080C see: TQ3325000
SHOLEX 4250HM see: TQ3325000
SHOLEX L 131 see: TQ3325000
SHOLEX S 6008 see: TQ3325000
SHOLEX SUPER see: TQ3325000
SHOLEX XMO 314 see: TQ3325000
SHORTSTOP see: XY4725000
SHORT-STOP E see: XY4725000
SHOWDOMYCIN see: ON6200000
SHOXIN see: RB8750000
cis-SHP see: TP2170550
trans(-)-SHP see: TP2170500
trans(+)-SHP see: TP2170510
SHS see: MM0225700

VV0202500 SHUTERIA VESTITA Wight & Arn., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:875 mg/kg IJEBA6 7,250,69

SI see: OF7525000
SI see: WO9100000
SI-6711 see: TF5600000
SIACARB see: EZ7260000
SIALIDASE see: QQ3450000
SIARKI CHLOREK (Polish) see: WS4300000
SIARKI DWUTLENEK (Polish) see: WS4550000
SIARKOWODOR (Polish) see: MX1225000
SIBAZON see: DF1575000

VV0275000 SIBBALDIA CUNEATA Hornemann ex Edgew, extract
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

SIBEPHYLLIN see: XH5100000
SIBEPHYLLINE see: XH5100000
SIBIROMYCIN see: UY8495000
SIBOL see: WJ5600000
SICAROL see: UP7985000
SICCANIN see: DF8195000
SICILIAN CERISE TONER A-7127 see: BP3675000
SICOCLOR see: KV7525000
SICOFLEX see: AT6970000
SICOFLEX 85 see: AT6970000
SICOFLEX S 160 see: AT6970000
SICOL 150 see: TI0350000
SICOL 160 see: TH9990000
SICOL 250 see: AU9700000
SICO LAKE RED 2L see: DB5500000
SICRON see: KV0350000
SICRON 530 see: KV0350000
SICRON 540 see: KV0350000
SICRON 548 see: KV0350000
SICRON 548FM see: KV0350000

VV0381000 SIDA CARPINIFOLIA Linn., extract
DEF:Indian plant belonging to the family MALVACEAE (IJEBA6 16,696,78)
UPDT:[illegible]
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:2800 mg/kg (21D pre/1-7D preg) IJEBA6 16,696,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VV0381500 SIDA OVATA Forsk., extract excluding roots
DEF:Indian plant belong to the family MALVACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

SIDDIQUI see: AX8050000
SIDHU EXTRACT (Indian) see: LE5942200
SIDVAX see: XJ2700000
501 SIEGFRIED see: LZ8100000
SIEGLE BLUISH VIOLET EXTRACT DH47 see: GE4518000
SIEGLE ORANGE 2S see: QL3854000
SIEGLE RED 1 see: QK4247000
SIEGLE RED B see: QK4247000
SIEGLE RED BB see: QK4247000
SIENNA see: NO7400000
SIERRA C-400 see: WW2710000
SIFERRIT see: NO7380000
SIFICETINA see: AB6825000
SIGACALM see: DF1400000
SIGAPRIN see: UV8240000
SIGETIN see: DT4391250
SIGMA see: BA3675000
SIGMADYN see: RQ2975000
SIGMAMYCIN see: QI8750000
SIGMAMYCIN PHOSPHATE see: XF0400000
SIGNAL ORANGE ORANGE Y-17 see: QL3854000
SIGNOPAM see: DF1225000
SIGOPHYL see: XH5907500
SIGURAN see: TL1970000
SILAK M 10 see: JT6485000
SILAMEPHENHYDRAMINE see: KR6119170
SILANAMINE, 1-(CHLOROMETHYL)-N-((CHLOROMETHYL)DIMETHYLSILYL)-1,1-DIMETHYL- see: JM9210000

VV1400000 SILANE
UPDT:8312 CAS: 7803-62-5 MW: 32.13 MOLFM: H4-Si
SYN: MONOSILANE * SILANE (DOT) * SILICANE * SILICON TETRAHYDRIDE * UN 2203 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-rat LC50:9600 ppm/4H TXAPA9 42,417,77
* ihl-mus LCLo:9600 ppm/4H AMRL** TR-72-62,72
REVIEW AND REFERENCES:
★ TLV-TWA 5 ppm DTLVS* 4,366,80
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV1530000 SILANE, ALLYLTRICHLORO-
UPDT:8312 CAS: 107-37-9 MW: 175.52 MOLFM: C3-H5-Cl3-Si
SYN: ALLYL TRICHLOROSILANE * ALLYL TRICHLOROSILANE (DOT) * ALLYL TRICHLOROSILANE, stabilized (DOT) * SILANE, TRICHLOROALLYL- * UN 1724 (DOT)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#04219
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV1970000 SILANE, BROMO-
UPDT:8308 CAS: 13465-73-1 MW: 111.03 MOLFM: Br-H3-Si
SYN: BROMOSILANE (DOT) * SILYL BROMIDE
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

VV2080000 SILANE, BUTYLTRICHLORO-
UPDT:8308 CAS: 7521-80-4 MW: 191.57 MOLFM: C4-H9-Cl3-Si
SYN: BUTYL TRICHLOROSILANE (DOT) * UN 1747 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV2100000 SILANE, CHLORODIETHOXY-
UPDT:8407 CAS: 6485-91-2 MW: 154.69 MOLFM: C4-H11-Cl-O2-Si
SYN: DIETHOXYCHLOROSILANE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD JIHTAB 31,60,49
eye-rbt 250 ug open SEV JIHTAB 31,60,49
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6300 mg/kg JIHTAB 31,60,49
ihl-rat LCLo:1000 ppm/4H JIHTAB 31,343,49

VV2150000 SILANE, CHLOROMETHYL-
UPDT:8312 CAS: 993-00-0 MW: 80.60 MOLFM: C-H5-Cl-Si
SYN: CHLOROMETHYLSILANE * METHYLCHLOROSILANE * METHYL CHLOROSILANE (DOT) * UN 2534 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID, CORROSIVE CFRGBR 49,172.102,83

VV2200000 SILANE, CHLOROMETHYL(TRICHLORO)-
UPDT:8408 CAS: 1558-25-4 MW: 183.92 MOLFM: C-H2-Cl4-Si
SYN: (CHLOROMETHYL)TRICHLOROSILANE * SILANE, TRICHLORO(CHLOROMETHYL)- (9CI) * TRICHLORO(CHLOROMETHYL)SILANE
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:100 mg/kg 85GMAT -,37,82
* ihl-mus LC50:30 mg/m3/2H 85GMAT -,37,82
* skn-mus LDLo:100 mg/kg 85GMAT -,37,82
* ipr-mus LDLo:100 mg/kg 85GMAT -,37,82

VV2650000 SILANE, CHLOROPHENYLTRICHLORO-
UPDT:8308 CAS: 26571-79-9 MW: 245.99 MOLFM: C6-H4-Cl4-Si
SYN: CHLOROPHENYLTRICHLOROSILANE (DOT) * UN 1753 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

VV2710000 SILANE, CHLOROTRIMETHYL-
UPDT:8401 CAS: 75-77-4 MW: 108.66 MOLFM: C3-H9-Cl-Si
SYN: SILANE, TRIMETHYLCHLORO- * SILICANE, CHLOROTRIMETHYL- * TL 1163 * TRIMETHYL CHLOROSILANE * TRIMETHYLCHLOROSILANE (DOT) * UN 1298 (DOT)
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:1000 mg/kg/I JNCIAM 54,495,75
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:500 mg/m3/10M NDRC** No.9-4-1-19,44
ipr-mus LDLo:750 mg/kg StoGD# 27May75
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VV2770000 SILANE, (3-CYANOPROPYL)DIETHOXY(METHYL)-
UPDT:8310 CAS: 1067-99-8 MW: 201.38 MOLFM: C9-H19-N-O2-Si
SYN: BUTYRONITRILE, 4-(DIETHOXYMETHYLSILYL)- * (3-CYANOPROPYL)DIETHOXY(METHYL) SILANE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3730 mg/kg AIHAAP 23,95,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV2775000 SILANE, (3-CYANOPROPYL)TRICHLORO-
UPDT:8310 CAS: 1071-27-8 MW: 188.52 MOLFM: C3-H4-Cl3-N-Si
SYN: BUTYRONITRILE, 4-(TRICHLOROSILYL)- * (3-CYANOPROPYL) TRICHLOROSILANE * SILANE, TRICHLORO(3-CYANOPROPYL)-
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2830 mg/kg AIHAAP 23,95,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV2785000 SILANE, (3-CYANOPROPYL)TRIETHOXY-
UPDT:8310 CAS: 1067-47-6 MW: 231.41 MOLFM: C10-H21-N-O3-Si
SYN: BUTYRONITRILE, 4-(TRIETHOXYSILYL)- * (3-CYANOPROPYL) TRIETHOXYSILANE * SILANE, TRIETHOXY(3-CYANOPROPYL)-
IRRITATION DATA AND REFERENCES:
skn-rbt 100 ug/24H open AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4920 mg/kg AIHAAP 23,95,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV2800000 SILANE, (3-CYCLOHEXENYL)TRICHLORO-
UPDT:8308 CAS: 10137-69-6 MW: 215.59 MOLFM: C6-H9-Cl3-Si
SYN: CYCLOHEXENE, 4-(TRICHLOROSILYL)- * CYCLOHEXENYL TRICHLOROSILANE * CYCLOHEXENYL TRICHLOROSILANE (DOT) * UN 1762 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 100 ug/24H open AIHAAP 23,95,62
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2830 mg/kg AIHAAP 23,95,62
1R10 skn-rbt LD50:630 mg/kg AIHAAP 23,95,62
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VV2890000 SILANE, CYCLOHEXYLTRICHLORO-
UPDT:8308 CAS: 98-12-4 MW: 217.61 MOLFM: C6-H11-Cl3-Si
SYN: CYCLOHEXANE, 1-(TRICHLOROSILYL)- * CYCLOHEXYLTRICHLOROSILANE * CYCLOHEXYL TRICHLOROSILANE (DOT) * SILANE, TRICHLOROCYCLOHEXYL- * UN 1763 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV2977000 SILANE, DIBENZYLDICHLORO-
UPDT:8312 MW: 281.27 MOLFM: C14-H14-Cl2-Si

SYN: DIBENZYLDICHLOROSILANE (DOT) * UN 2434 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83

VV3040000 SILANE, DICHLORO-
UPDT:8401 CAS: 4109-96-0 MW: 101.01 MOLFM: H2-Cl2-Si
SYN: DICHLOROSILANE * DICHLOROSILANE (DOT) * UN 2189 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON A; LABEL:POISON GAS AND FLAMMABLE GAS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV3060000 SILANE, DICHLORODIETHYL-
UPDT:8312 CAS: 1719-53-5 MW: 157.13 MOLFM: C4-H10-Cl2-Si
SYN: DICHLORODIETHYLSILANE * DIETHYLDICHLOROSILANE (DOT) * DIETHYLDICHLOROSILANE * UN 1767 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1000 mg/kg JIHTAB 30,332,48
ipr-rat LDLo:100 mg/kg JIHTAB 30,332,48
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE, FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV3150000 SILANE, DICHLORODIMETHYL-
UPDT:8308 CAS: 75-78-5 MW: 129.07 MOLFM: C2-H6-Cl2-Si
SYN: DICHLORODIMETHYLSILANE * DIMETHYLDICHLOROSILANE (DOT) * DIMETHYL-DICHLORSILAN (Czech) * UN 1162 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,216,72
eye-rbt 5 mg/24H SEV 28ZPAK -,216,72
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1000 mg/kg JIHTAB 30,332,48
ihl-rat LCLo:930 ppm/4H 28ZPAK -,216,72
ipr-rat LDLo:10 mg/kg JIHTAB 30,332,48
ihl-mus LC50:300 ug/m3/2H TPKVAL (3),23,61
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV3190000 SILANE, DICHLORODIPHENYL-
UPDT:8308 CAS: 80-10-4 MW: 253.21 MOLFM: C12-H10-Cl2-Si
SYN: DICHLORODIPHENYLSILANE * DIPHENYLDICHLOROSILANE * DIPHENYL DICHLOROSILANE (DOT) * UN 1769 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,221,72
eye-rbt 5 mg/24H SEV 28ZPAK -,221,72
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV3230000 SILANE, DICHLOROETHYL-
UPDT:8308 CAS: 1789-58-8 MW: 129.07 MOLFM: C2-H6-Cl2-Si
SYN: ETHYL DICHLOROSILANE (DOT) * ETHYLDICHLOROSILANE * UN 1183 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV3270000 SILANE, DICHLOROETHYLPHENYL-
UPDT:8308 CAS: 1125-27-5 MW: 205.17 MOLFM: C8-H10-Cl2-Si
SYN: DICHLOROETHYLPHENYLSILANE * ETHYLPHENYLDICHLOROSILANE * ETHYL PHENYL DICHLOROSILANE (DOT) * UN 2435 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV3400000 SILANE, DICHLORO(FLUOROPHENYL)METHYL-
UPDT:8408 MW: 209.13 MOLFM: C7-H7-Cl2-F-Si
SYN: DICHLORO(FLUOROPHENYL)METHYLSILANE * METHYLFLUOROPHENYLDICHLOROSILANE
TOXICITY DATA AND REFERENCES:
* ihl-mus LC50:500 mg/m3/2H 85GMAT -,84,82
* scu-mus LDLo:2 gm/kg 85GMAT -,84,82

VV3500000 SILANE, DICHLOROMETHYL-
UPDT:8308 CAS: 75-54-7 MW: 115.04 MOLFM: C-H4-Cl2-Si
SYN: DICHLOROMETHYLSILANE * METHYLDICHLOROSILANE * METHYL DICHLOROSILANE (DOT) * METHYL-DICHLORSILAN (Czech) * UN 1242 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV 28ZPAK -,216,72
eye-rbt 20 mg/24H SEV 28ZPAK -,216,72
TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:300 ppm/4H 28ZPAK -,216,72
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV3530000 SILANE, DICHLOROMETHYLPHENYL-
UPDT:8408 CAS: 149-74-6 MW: 191.14 MOLFM: C7-H8-Cl2-Si
SYN: METHYLPHENYLDICHLOROSILANE (DOT) * PHENYLMETHYLDICHLOROSILANE * UN 2437 (DOT)
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:100 mg/kg 85GMAT -,99,82
* ihl-mus LCLo:200 mg/m3/2H 85GMAT -,99,82
* ipr-mus LDLo:100 mg/kg 85GMAT -,99,82
* scu-mus LDLo:100 mg/kg 85GMAT -,99,82
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID;LABEL:FLAMMABLE LIQUID, CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV3540000 SILANE, (DICHLOROPHENYL)TRICHLORO-
UPDT:8408 CAS: 27137-85-5 MW: 280.43 MOLFM: C6-H3-Cl5-Si
SYN: DICHLOROPHENYLTRICHLOROSILANE (DOT) * UN 1766 (DOT)
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:100 mg/kg 85GMAT -,48,82
* orl-mus LDLo:100 mg/kg 85GMAT -,48,82
* ihl-mus LCLo:80 mg/m3/2H 85GMAT -,48,82
* ipr-mus LDLo:100 mg/kg 85GMAT -,48,82
* scu-mus LDLo:100 mg/kg 85GMAT -,48,82
ihl-mam LCLo:80 mg/m3 CHABA8 57,12828,62
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV3590000 SILANE, DIETHOXYDIMETHYL-
UPDT:8312 CAS: 78-62-6 MW: 148.31 MOLFM: C6-H16-O2-Si
SYN: DIETHOXYDIMETHYLSILANE * DIMETHYL-DIETHOXYSILAN (Czech) * DIMETHYLDIETHOXYSILANE * DIMETHYLDIETHOXYSILANE (DOT) * UN 2380 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,218,72
eye-rbt 83 mg JIHTAB 30,332,48
eye-rbt 500 mg/24H SEV 28ZPAK -,218,72
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:3000 mg/kg JIHTAB 30,332,48
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV3597500 SILANE, DIETHOXY((3-ETHOXYCARBONYL)PROPYL)METHYL-
UPDT:8303 CAS: 16068-01-2 MW: 248.44 MOLFM: C11-H24-O4-Si
SYN: BUTANOIC ACID, 4-(DIETHOXYMETHYLSILYL)-, ETHYL ESTER * (3-CARBETHOXYPROPYL)DIETHOXY(METHYL)SILANE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:22400 mg/kg AIHAAP 23,95,62

VV3635000 SILANE, DI-2-FURANYLMETHYL-
UPDT:8405 CAS: 1911-24-6 MW: 178.28 MOLFM: C9-H10-O2-Si
SYN: DI-2-FURANYLMETHYLSILANE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1600 mg/kg KHFZAN 13(10),52,79

VV3920000 SILANE, DI-2-THIENYLMETHYL-
UPDT:8405 CAS: 71771-69-2 MW: 210.40 MOLFM: C9-H10-S2-Si
SYN: METHYLDI-2-THIENYLSILANE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1650 mg/kg KHFZAN 13(10),52,79

VV3940000 SILANE, DODECYLTRICHLORO-
UPDT:8308 CAS: 4484-72-4 MW: 303.81 MOLFM: C12-H25-Cl3-Si
SYN: DODECYLTRICHLOROSILANE * DODECYL TRICHLOROSILANE (DOT) * SILANE, TRICHLORODODECYL- * TRICHLORODODECYLSILANE * UN 1771 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SILANE (DOT) see: VV1400000

VV4000000 SILANE, beta-(3,4-EPOXYCYCLOHEXYL)ETHYLTRIMETHOXY-
UPDT:8306 CAS: 3388-04-3 MW: 246.42 MOLFM: C11-H22-O4-Si
SYN: EPOXYCYCLOHEXYLETHYL TRIMETHOXY SILANE * beta-(3,4-EPOXYCYCLOHEXYL)ETHYLTRIMETHOXYSILANE * SILANE Y-4086 * SILICONE A-186 * UNION CARBIDE A-186
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 1/17/72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:12300 mg/kg AIHAAP 30,470,69
skn-rbt LD50:6300 mg/kg UCDS** 2/11/64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0681-0402

VV4025000 SILANE, 3-(2,3-EPOXYPROPOXY)PROPYLTRIMETHOXY-
UPDT:8408 CAS: 2530-83-8 MW: 236.38 MOLFM: C9-H20-O5-Si
SYN: 3-(2,3-EPOXYPROPOXY)PROPYLTRIMETHOXYSILANE * gamma-GLYCIDOXYPROPYLTRIMETHOXYSILANE * SILANE-Y-4087 * SILICONE A-187 * UNION CARBIDE A-187
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 1/19/72
eye-rbt 100 mg MLD UCDS** 1/19/72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:23 gm/kg UCDS** 2/11/64
skn-rbt LD50:3970 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV4200000 SILANE, ETHYLTRICHLORO-
UPDT:8308 CAS: 115-21-9 MW: 163.51 MOLFM: C2-H5-Cl3-Si
SYN: ETHYL SILICON TRICHLORIDE * ETHYL TRICHLOROSILANE * ETHYL TRICHLOROSILANE (DOT) * SILANE, TRICHLOROETHYL- * SILICANE, TRICHLOROETHYL- * TRICHLOROETHYLSILANE * TRICHLOROETHYLSILICANE * UN 1196 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1330 mg/kg JIHTAB 31,60,49
ihl-rat LCLo:500 ppm/4H JIHTAB 31,343,49
ipr-rat LDLo:30 mg/kg JIHTAB 30,332,48
ihl-mus LC50:300 ug/m3/2H TPKVAL (3),23,61
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV4260000 SILANE, HEXADECYLTRICHLORO-
UPDT:8308 CAS: 5894-60-0 MW: 359.93 MOLFM: C16-H33-Cl3-Si
SYN: HEXADECYLTRICHLOROSILANE * HEXADECYLTRICHLOROSILANE (DOT) * SILANE, TRICHLOROHEXADECYL- * UN 1781 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV4320000 SILANE, HEXYLTRICHLORO-
UPDT:8308 CAS: 928-65-4 MW: 219.63 MOLFM: C6-H13-Cl3-Si
SYN: HEXYLTRICHLOROSILANE * HEXYLTRICHLOROSILANE (DOT) * SILANE, TRICHLOROHEXYL- * UN 1784 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SILANE, (2-MERCAPTOETHYL)TRIMETHOXY- see: KJ2616000
SILANE, 3-MERCAPTOPROPYLTRIMETHOXY- see: TZ7800000

VV4550000 SILANE, METHYLTRICHLORO-
UPDT:8308 CAS: 75-79-6 MW: 149.48 MOLFM: C-H3-Cl3-Si
SYN: METHYLTRICHLOROSILANE * METHYLTRICHLOROSILANE (DOT) * METHYL-TRICHLORSILAN (Czech) * SILANE, TRICHLOROMETHYL- * UN 1250 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,216,72
eye-rbt 5 mg/24H SEV 28ZPAK -,216,72
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1000 mg/kg JIHTAB 30,332,48
ihl-rat LCLo:450 ppm/4H 28ZPAK -,216,72

ipr-rat LDLo:30 mg/kg JIHTAB 30,332,48

ihl-mus LC50:180 ug/m3/2H TPKVAL (3),23,61

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

VV4660000 SILANE, NONYLTRICHLORO-

UPDT:8308 CAS: 5283-67-0 MW: 261.72 MOLFM: C9-H19-Cl3-Si

SYN: NONYLTRICHLOROSILANE * NONYL TRICHLOROSILANE (DOT) * SILANE, TRICHLORONONYL- * UN 1799 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

VV4680000 SILANE, OCTADECYLTRICHLORO-

UPDT:8308 CAS: 112-04-9 MW: 387.99 MOLFM: C18-H37-Cl3-Si

SYN: OCTADECYLTRICHLOROSILANE * OCTADECYLTRICHLOROSILANE (DOT) * SILANE, TRICHLOROOCTADECYL- * UN 1800 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

VV4700000 SILANE, OCTYLTRICHLORO-

UPDT:8308 CAS: 5283-66-9 MW: 247.69 MOLFM: C8-H17-Cl3-Si

SYN: OCTYLTRICHLOROSILANE * OCTYL TRICHLOROSILANE (DOT) * SILANE, TRICHLOROOCTYL- * UN 1801 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SILANE, OXYBIS(TRIMETHYL- see: JM9237000

VV4725000 SILANE, PENTYLTRICHLORO-

UPDT:8308 CAS: 107-72-2 MW: 205.60 MOLFM: C5-H11-Cl3-Si

SYN: AMYLTRICHLOROSILANE * AMYL TRICHLOROSILANE (DOT) * PENTYLTRICHLOROSILANE * SILANE, TRICHLOROPENTYL- * UN 1728 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt 100 ug/24H open AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2340 mg/kg AIHAAP 23,95,62

ihl-rat LCLo:2000 ppm/4H JIHTAB 31,343,49

1R10 skn-rbt LD50:780 mg/kg AIHAAP 23,95,62

STANDARDS & REGULATIONS:

★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VV4750000 SILANE, PENTYLTRIETHOXY-

UPDT:8407 CAS: 2761-24-2 MW: 234.46 MOLFM: C11-H26-O3-Si

SYN: AMYLTRIETHOXYSILANE * SILANE, TRIETHOXYPENTYL-

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54

eye-rbt 500 mg open AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:20 gm/kg AMIHBC 10,61,54

* skn-rbt LD50:7130 mg/kg AMIHBC 10,61,54

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

VV4805000 SILANE, PENTYLTRIMETHOXY-

UPDT:8307 CAS: 2996-95-4 MW: 192.37 MOLFM: C8-H20-O3-Si

SYN: AMYLTRIMETHOXYSILANE * PENTYLTRIMETHOXYSILANE * SILANE, TRIMETHOXYPENTYL-

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg open MLD UCDS** 1/17/72

TOXICITY DATA AND REFERENCES:

orl-rat LD50:4920 mg/kg AIHAAP 30,470,69

SILANE, PHENYLTRICHLORO- see: VV6650000

VV4900000 SILANE, PHENYLTRIETHOXY-

UPDT:8307 CAS: 780-69-8 MW: 240.41 MOLFM: C12-H20-O3-Si

SYN: PHENYLTRIETHOXYSILANE * SILANE, TRIETHOXYPHENYL-

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2830 mg/kg TXAPA9 28,313,74

* skn-rbt LD50:3180 mg/kg TXAPA9 28,313,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

VV5300000 SILANE, PROPYLTRICHLORO-

UPDT:8308 CAS: 141-57-1 MW: 177.54 MOLFM: C3-H7-Cl3-Si

SYN: n-PROPYLTRICHLOROSILANE * PROPYL TRICHLOROSILANE (DOT) * SILANE, TRICHLOROPROPYL- * UN 1816 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SILANE, TETRACHLORO- see: VW0525000

SILANE, TETRAETHOXY- see: VV9450000

SILANE, TETRAFLUORO- see: VW2327000

VV5705400 SILANE, TETRAMETHYL-

UPDT:8401 CAS: 75-76-3 MW: 88.25 MOLFM: C4-H12-Si

SYN: TETRAMETHYLSILANE * TETRAMETHYLSILANE (DOT) * UN 2749 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

2,2',2'',2'''-SILANETETRAYLTETRAKISETHANOL see: KM2920000

VV5950000 SILANE, TRICHLORO-

UPDT:8408 CAS: 10025-78-2 MW: 135.45 MOLFM: Cl3-H-Si

SYN: SILICI-CHLOROFORME (French) * SILICIUMCHLOROFORM (German) * SILICOCHLOROFORM * TRICHLOORSILAAN (Dutch) * TRICHLOROMONOSILANE * TRICHLOROSILANE * TRICHLOROSILANE (DOT) * TRICHLORSILAN (German) * TRICLOROSILANO (Italian) * UN 1295 (DOT)

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1030 mg/kg JIHTAB 31,60,49

ihl-rat LCLo:1000 ppm/4H JIHTAB 31,343,49

* ihl-mus LC50:1500 mg/m3/2H 85GMAT -,114,82

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE LIQUID, CORROSIVE CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SILANE, TRICHLOROALLYL- see: VV1530000

SILANE, TRICHLORO(CHLOROMETHYL)- (9CI) see: VV2200000 SILANE, CHLOROMETHYL(TRICHLORO)-

SILANE, TRICHLORO(3-CYANOPROPYL)- see: VV2775000

SILANE, TRICHLOROCYCLOHEXYL- see: VV2890000

SILANE, TRICHLORODODECYL- see: VV3940000

VV6125000 SILANE, TRICHLOROETHENYL-

UPDT:8407 CAS: 75-94-5 MW: 161.49 MOLFM: C2-H3-Cl3-Si

SYN: SILANE, TRICHLOROVINYL- * SILANE, VINYL TRICHLORO A-150 * TRICHLORO(VINYL)SILANE * TRICHLOROVINYL SILICANE * UN 1305 (DOT) * VINYLSILICON TRICHLORIDE * VINYLTRICHLOROSILANE * VINYL TRICHLOROSILANE (DOT) * UNION CARBIDE A-150

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open AMIHBC 10,61,54

skn-rbt 625 mg open SEV UCDS** 1/19/72

eye-rbt 50 ug open SEV AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1280 mg/kg AMIHBC 10,61,54

ihl-rat LCLo:500 ppm/4H UCDS** 1/19/72

orl-mus LD50:3160 mg/kg HYSAAV 34,334,69

ihl-mus LC50:3020 mg/m3/4H HYSAAV 34,334,69

* skn-rbt LD50:680 mg/kg AMIHBC 10,61,54

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SILANE, TRICHLOROETHYL- see: VV4200000

SILANE, TRICHLOROHEXADECYL- see: VV4260000

SILANE, TRICHLOROHEXYL- see: VV4320000

SILANE, TRICHLOROMETHYL- see: VV4550000

SILANE, TRICHLORONONYL- see: VV4660000

SILANE, TRICHLOROOCTADECYL- see: VV4680000

SILANE, TRICHLOROOCTYL- see: VV4700000

SILANE, TRICHLOROPENTYL- see: VV4725000

VV6650000 SILANE, TRICHLOROPHENYL-

UPDT:8407 CAS: 98-13-5 MW: 211.55 MOLFM: C6-H5-Cl3-Si

SYN: PHENYLSILICON TRICHLORIDE * PHENYLTRICHLOROSILANE * PHENYL TRICHLOROSILANE (DOT) * SILANE, PHENYLTRICHLORO- * SILICON PHENYL TRICHLORIDE * TRICHLOROPHENYLSILANE * UN 1804 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open AMIHBC 10,61,54

skn-rbt 500 mg/24H MOD 28ZPAK -,218,72

eye-rbt 250 ug open SEV AMIHBC 10,61,54

eye-rbt 5 mg/24H SEV 28ZPAK -,218,72

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2390 mg/kg AMIHBC 10,61,54

ihl-mus LC50:330 ug/m3/2H TPKVAL (3),23,61

* ivn-mus LD50:100 mg/kg CSLNX* NX#04051

* skn-rbt LD50:890 mg/kg AMIHBC 10,61,54

STANDARDS & REGULATIONS:

★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SILANE, TRICHLOROPROPYL- see: VV5300000

SILANE, TRICHLOROVINYL- see: VV6125000

VV6682000 SILANE, TRIETHOXY-

UPDT:8408 CAS: 998-30-1 MW: 164.31 MOLFM: C6-H16-O3-Si

SYN: TRIETHOXYSILANE

TOXICITY DATA AND REFERENCES:

* ihl-mus LC50:500 mg/m3/2H 85GMAT -,115,82

* ivn-mus LD50:180 mg/kg CSLNX* NX#00C18

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SILANE, TRIETHOXY(3-CYANOPROPYL)- see: VV2785000

SILANE, TRIETHOXYPENTYL- see: VV4750000

SILANE, TRIETHOXYPHENYL- see: VV4900000

VV6700000 SILANE, TRIETHOXYVINYL-

UPDT:8407 CAS: 78-08-0 MW: 190.35 MOLFM: C8-H18-O3-Si

SYN: TRIETHOXYVINYLSILANE * TRIETHOXYVINYLSILICANE * UNION CARBIDE A-151 * VINYLTRIETHOXYSILANE

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg open MLD UCDS** 7/10/67

eye-rbt 500 mg open AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:23 gm/kg AMIHBC 10,61,54

* ihl-rat LCLo:4000 ppm/4H AMIHBC 10,61,54

* skn-rbt LD50:10 gm/kg AMIHBC 10,61,54

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

VV6750000 SILANE, TRIMETHOXY-

UPDT:8306 CAS: 2487-90-3 MW: 122.22 MOLFM: C3-H10-O3-Si

SYN: TRIMETHOXY SILANE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:9330 mg/kg AIHAAP 30,470,69

3F07J16U01 ihl-rat LC50:125 ppm/4H EPASR* 8EHQ-0680-0347

1R10 skn-rbt LD50:6300 mg/kg EPASR* 8EHQ-0680-0347

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0347

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SILANE, TRIMETHOXYPENTYL- see: VV4805000

VV6770000 SILANE, TRIMETHOXYVINYL-

UPDT:8307 CAS: 2768-02-7 MW: 148.26 MOLFM: C5-H12-O3-Si

SYN: VINYL TRIMETHOXY SILANE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:11300 mg/kg AIHAAP 30,470,69

* skn-rbt LD50:3540 mg/kg AIHAAP 30,470,69

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SILANE, TRIMETHYLCHLORO- see: VV2710000

VV6825000 SILANE, TRIS(2-CHLOROETHOXY)-

UPDT:8407 CAS: 10138-79-1 MW: 267.63 MOLFM: C6-H13-Cl3-O3-Si

SYN: TRIS(2-CHLOROETHOXY)SILANE

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54

eye-rbt 20 mg open SEV AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

orl-rat LD50:190 mg/kg AMIHBC 10,61,54

* skn-rbt LD50:89 mg/kg AMIHBC 10,61,54

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SILANE, VINYL TRICHLORO A-150 see: VV6125000
SILANE Y-4086 see: VV4000000
SILANE-Y-4087 see: VV4025000
SILANTIN see: MU1050000
SILASTIC see: TQ2700000
SILASTIC 1603 see: TQ2700000
SILASTIC RTV 1890 PROTECTIVE SEALER see: TQ2700000
SILASTIC SILICONE RUBBER see: TQ2700000
SILBEPHYLLINE see: XH5100000
SILBER (German) see: VW3500000
SILBERNITRAT see: VW4725000
SILBESAN see: VB2360000
SIL-CO-SIL see: VV7330000

VV7302000 SILER DIVANICATUM Bent Hook, crude extract
UPDT:8408
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:20 gm/kg (2D pre/1-3D pre) MPHEAE 16,414,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SILICA AEROGEL see: VV7310000
SILICA, AMORPHOUS see: VV7310000

VV7309000 SILICA, AMORPHOUS - DIATOMACEOUS EARTH
DEF:Composed of skeletons of small aquatic plants related to algae and contains as much as 88%amorphous SILICA (DTLVS* 4,120,80)
UPDT:8408 CAS: 68855-54-9
SYN: CELITE * CHROMOSORB * DIATOMACEOUS EARTH * DIATOMITE * DICALITE * KIESELGUHR
REVIEW AND REFERENCES:
★ TLV-TWA 1500 ug/m3 (dust) DTLVS* 4,120,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 80 mg/m3/% SiO2 (SCP-R) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 316
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7500, 7501, 7601 and 7602

VV7310000 SILICA, AMORPHOUS FUMED
UPDT:8408 CAS: 7631-86-9 MW: 60.09 MOLFM: O2-Si
SYN: ACTICEL * AEROSIL * AMORPHOUS SILICA DUST * AQUAFIL * CAB-O-GRIP II * CAB-O-SIL * CAB-O-SPERSE * CATALOID * COLLOIDAL SILICA * COLLOIDAL SILICON DIOXIDE * DAVISON SG-67 * DICALITE * DRI-DIE INSECTICIDE 67 * ENT 25,550 * FLO-GARD * FOSSIL FLOUR * FUMED SILICA * FUMED SILICON DIOXIDE * HI-SIL * LO-VEL * LUDOX * NALCOAG * NYACOL * SANTOCEL * SG-67 * SILICA AEROGEL * SILICA, AMORPHOUS * SILICIC ANHYDRIDE * SILIKILL * VULKASIL
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3160 mg/kg ARSIM* 20,9,66
ipr-rat LDLo:50 mg/kg AHBAAM 136,1,52
ivn-rat LD50:15 mg/kg BSIBAC 44,1685,68
itr-rat LDLo:10 mg/kg AHBAAM 136,1,52
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: NTIS** CONF-691001
★ TLV-TWA 6 mg/m3 (total dust) DTLVS* 4,362,80
★ TLV-TWA 3 mg/m3 (respirable dust) DTLVS* 4,362,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 80 mg/m3/%SiO2 (SCP-R) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 316
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7500, 7501, 7601 and 7602
REPORTED IN EPA TSCA INVENTORY, 1983

VV7320000 SILICA, AMORPHOUS FUSED
UPDT:8408 CAS: 60676-86-0 MW: 60.09 MOLFM: O2-Si
SYN: ACCUSAND * AMORPHOUS FUSED SILICA * FUSED QUARTZ * FUSED SILICA * QUARTZ GLASS * SG-67 * SILICA, FUSED * SILICON DIOXIDE * SILICONE DIOXIDE * SILTEX * SUPRASIL * VITREOUS QUARTZ
TOXICITY DATA AND REFERENCES:
3J13K12U01 ipr-rat LDLo:400 mg/kg AMIHBC 9,389,54
2J07J15 itr-rat LDLo:120 mg/kg AMIHBC 9,389,54
ipr-mus LDLo:40 mg/kg BJEPA5 3,75,22
ivn-cat LDLo:15 mg/kg JLCMAK 26,774,41
ivn-rbt LDLo:35 mg/kg BJEPA5 3,75,22
ipr-gpg LDLo:120 mg/kg BJEPA5 3,75,22
REVIEW AND REFERENCES:
★ TLV-TWA 30 mg/m3/(% quartz + 3) (total dust) DTLVS* 4,363,80
★ TLV-TWA 10 mg/m3/(% res. quartz + 2) (resp. dust) DTLVS* 4,363,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 80 mg/m3/%SiO2 (SCP-R) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 316
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7500, 7501, 7601 and 7602
REPORTED IN EPA TSCA INVENTORY, 1983

VV7322000 SILICA, AMORPHOUS HYDRATED
UPDT:8408 CAS: 7631-86-9 MW: 60.09 MOLFM: O2-Si
SYN: HISIL * HI-SIL * SILICEOUS EARTH, PURIFIED
REVIEW AND REFERENCES:
★ TLV-TWA 6 mg/m3 (total dust) DTLVS* 4,362,80
★ TLV-TWA 3 mg/m3 (respirable dust) DTLVS* 4,362,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 80 mg/m3/%SiO2 FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 6 316
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7500, 7501, 7601 and 7602
REPORTED IN EPA TSCA INVENTORY, 1983

VV7325000 SILICA, CRYSTALLINE - CRISTOBALITE
UPDT:8404 CAS: 14464-46-1 MW: 60.09 MOLFM: O2-Si
SYN: CALCINED DIATOMITE * CRISTOBALITE
TUMORIGENIC DATA AND REFERENCES:
2V01P62 ipl-rat TDLo:90 mg/kg JNCIAM 57,509,76
2V03P62 ipl-rat TD :100 mg/kg BJCAAI 41,908,80
TOXICITY DATA AND REFERENCES:
1J12 ihl-hmn TCLo:400 particles/cc/4Y-I BJIMAG 5,148,48
3J12J21J22 ihl-hmn TCLo:16 mppcf/8H/17.9Y-I NTIS** PB246-697
itr-rat LDLo:200 mg/kg BJIMAG 10,9,53
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ANAEA3 35,165,75; 31BYAP -,93,74
★ TLV-TWA 10 mg/m3/(% resp. quartz + 2)/2 (dust) DTLVS* 4,106,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg/m3/(% SiO2 + 2) (respirable dust) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 15 mg/m3/(% SiO2 + 2) (total dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CRYSTALLINE SILICA recm std-air:TWA 50 ug/m3 NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7500, 7601 and 7602
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VV7330000 SILICA, CRYSTALLINE - QUARTZ
UPDT:8404 CAS: 14808-60-7 MW: 60.09 MOLFM: O2-Si
SYN: AGATE * AMETHYST * CELITE * CHALCEDONY * CHERTS * D & D * DQ12 * FLINT * FLINTSHOT * GOLD BOND R * IMSIL * MIN-U-SIL * ONYX * PURE QUARTZ * SNOWIT * QUAZO PURO (Italian) * ROSE QUARTZ * SAND * SIL-CO-SIL * SILICA FLOUR (powdered crystalline silica) * SILICIC ANHYDRIDE * SILICON OXIDE, DI- (SAND) * SILVER BOND B
TUMORIGENIC DATA AND REFERENCES:
2V01V10 ipr-rat TDLo:45 mg/kg ZHPMAT 162,467,76
2V03P62 ivn-rat TDLo:90 mg/kg JNCIAM 57,509,76
2V01P62 ipl-rat TDLo:90 mg/kg JNCIAM 57,509,76
2V03J60 itr-rat TDLo:100 mg/kg/19W-I EVHPAZ 34,47,80
3V02K60V10 imp-rat TDLo:900 mg/kg AICCA6 10,119,54
2V03M60 imp-mus TDLo:4000 mg/kg BJCAA: 22,825,68
2V02V10 ipl-ham TDLo:83 mg/kg 31BYAP -,97,74
2V03P62 ipr-rat TD :90 mg/kg/4W-I JNCIAM 57,509,76
2V02K60 ipr-rat TD :450 mg/kg/4W-I NATWAY 59,318,72
2V03V10 imp-rat TD :4554 mg/kg CORTBR 88,223,72
2V03J61 ipl-rat TD :200 mg/kg JNCIAM 48,797,72
3V01P62J60 ipl-rat TD :100 mg/kg BJCAAI 41,908,80
3V03J12J60 ipl-rat TD :100 mg/kg AIHAAP 41,836,80
TOXICITY DATA AND REFERENCES:
3J12J21J22 ihl-hmn TCLo:16 mppcf/8H/17.9Y-I NTIS** PB246-697
1L30 ihl-hmn LCLo:300 ug/m3/10Y-I ANYAA9 271,324,76
ivn-rat LDLo:90 mg/kg JNCIAM 57,509,76
itr-rat LDLo:200 mg/kg BJIMAG 10,9,53
ivn-mus LDLo:40 mg/kg JNCIAM 1,241,40
ivn-dog LDLo:20 mg/kg BIJOAK 27,1007,33
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 31BYAP -,94,74
★ TLV-TWA 10 mg/m3/(% res. quartz + 2) (res. dust) DTLVS* 4,364,80
★ TLV-TWA 30 mg/m3/(% quartz + 3) (total dust) DTLVS* 4,364,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 mg/m3/%SiO2 + 2 (Respirable) (SCP-S) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 30 mg/m3/(% SiO2 + 2) (total dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CRYSTALLINE SILICA recm std-air:TWA 50 ug/m3 NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7500, 7601 and 7602
★ NIOSH CURRENT INTELLIGENCE BULLETIN 36, JUNE 1981
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0780-0354
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VV7335000 SILICA, CRYSTALLINE - TRIDYMITE
UPDT:8404 CAS: 15468-32-3 MW: 60.09 MOLFM: O2-Si
SYN: TRIDIMITE (French) * TRIDYMITE
TUMORIGENIC DATA AND REFERENCES:
2V03P62 ipl-rat TDLo:100 mg/kg BJCAAI 41,908,80
2V03J60 itr-mus TDLo:400 mg/kg PAACA3 15,6,74
TOXICITY DATA AND REFERENCES:
3J12J21J22 ihl-hmn TCLo:16 mppcf/8H/17.9Y-I NTIS** PB246-697
itr-rat LDLo:200 mg/kg BJIMAG 10,9,53
REVIEW AND REFERENCES:
★ TLV-TWA 10 mg/m3/(% res. quartz + 2)/2 (res. dust) DTLVS* 4,413,80
★ TLV-TWA 30 mg/m3/(% quartz + 3)/2 (total dust) DTLVS* 4,413,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg/m3/(%SiO2 + 2) (Respirable) (SCP-S) FEREAC 40,27073,75
★ OSHA STANDARD-air:TWA 15 mg/m3/(% SiO2 + 2) (total dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CRYSTALLINE SILICA recm std-air:TWA 50 ug/m3 NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7500, 7601 and 7602
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VV7336000 SILICA, CRYSTALLINE - TRIPOLI
DEF:A group of highly porous, microcrystalline minerals with free SILICA contents ranging from90% to 98% (DTLVS* 4,420,80)
UPDT:8404
SYN: TRIPOLI
REVIEW AND REFERENCES:
★ TLV-TWA 10 mg/m3/(% res. quartz + 2) (res. dust) DTLVS* 4,420,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 mg/m3/(% SiO2 + 2) (respirable) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 30 mg/m3/(% SiO2 + 2) (total dust) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7500, 7601 and 7602
SILICA FLOUR (powdered crystalline silica) see: VV7330000
SILICA, FUSED see: VV7320000
SILICA GEL see: VV8850000
SILICANE see: VV1400000
SILICANE, CHLOROTRIMETHYL- see: VV2710000
SILICANE, TRICHLOROETHYL- see: VV4200000

VV7720000 SILICA, TALC, non-ASBESTOS form
UPDT:8412 CAS: 14807-96-6 MW: 96.33 MOLFM: H2-O3-Si 3/4Mg
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg/m3 (respirable dust) DTLVS* 4,381,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 20 mppcf (SCP-R) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
SILICATE D'ETHYLE (French) see: VV9450000

VV7780000 SILICATE, GRAPHITE
DEF:Containing less than 1% crystalline SILICA (FEREAC 39,23540,74)
UPDT:7901

SYN: GRAPHITE, natural
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 15 mppcf (SCP-S) FEREAC 39,23540,74

SILICATE(2-), HEXAFLUORO-, BARIUM see: CR0525000
SILICATE(2-), HEXAFLUORO-, BARIUM (1:1) (9CI) see: CR0525000

VV8225000 SILICATE(2-), HEXAFLUORO-, DIHYDROGEN
UPDT:8401 CAS: 16961-83-4 MW: 144.11 MOLFM: F6-Si .2H
SYN: ACIDE FLUOROSILICIQUE (French) * ACIDE FLUOSILICIQUE (French) * ACIDO FLUOSILICICO (Italian) * DIHYDROGEN HEXAFLUOROSILICATE * DIHYDROGEN HEXAFLUOROSILICATE (2-) * FKS * FLUOROSILICIC ACID * FLUOROSILICIC ACID (DOT) * FLUOSILICIC ACID * HEXAFLUOROKIESELSAIURE (German) * HEXAFLUOROKIEZELZUUR (Dutch) * HEXAFLUOSILICIC ACID * HYDROFLUOROSILICIC ACID (DOT) * HYDROFLUOSILICIC ACID * HYDROGEN HEXAFLUOROSILICATE * HYDROSILICOFLUORIC ACID * HYDROSILICOFLUORIC ACID (DOT) * KIEZELFLUORWATERSTOFZUUR (Dutch) * NA 1778 (DOT) * SAND ACID * SAND ACID (DOT) * SILICOFLUORIC ACID * SILICOFLUORIC ACID (DOT) * SILICON HEXAFLUORIDE DIHYDRIDE * UN 1778 (DOT)
TOXICITY DATA AND REFERENCES:
scu-frg LDLo:140 mg/kg CRSBAW 124,133,37
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMSSAQ 400,5,63
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV8400000 SILICATE(2-), HEXAFLUORO-, DIPOTASSIUM
UPDT:8312 CAS: 16871-90-2 MW: 220.29 MOLFM: F6-Si .2K
SYN: POTASSIUM FLUOSILICATE * POTASSIUM HEXAFLUOROSILICATE * POTASSIUM HEXAFLUOROSILICATE, K2-Si-F6 * POTASSIUM SILICOFLUORIDE * POTASSIUM SILICOFLUORIDE (DOT) * UN 2655 (DOT)
TOXICITY DATA AND REFERENCES:
orl-gpg LD50:500 mg/kg 28ZEAL 4,327,69
scu-gpg LDLo:500 mg/kg CRSBAW 124,133,37
scu-frg LDLo:448 mg/kg CRSBAW 124,133,37
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMSSAQ 400,5,63
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2500 ug(F)/m3 (SCP-N) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV8410000 SILICATE(2-), HEXAFLUORO-, DISODIUM
UPDT:8402 CAS: 16893-85-9 MW: 188.07 MOLFM: F6-Si .2Na
SYN: DESTRUXOL APPLEX * DISODIUM HEXAFLUOROSILICATE * DISODIUM HEXAFLUOROSILICATE (2-) * DISODIUM SILICOFLUORIDE * ENS-ZEM WEEVIL BAIT * ENT 1,501 * FLUOSILICATE DE SODIUM * ORTHO EARWIG BAIT * ORTHO WEEVIL BAIT * PRODAN * PSC CO-OP WEEVIL BAIT * SAFSAN * SALUFER * SILICON SODIUM FLUORIDE * SODIUM FLUOROSILICATE * SODIUM FLUOSILICATE * SODIUM HEXAFLUOROSILICATE * SODIUM HEXAFLUOSILICATE * SODIUM SILICOFLUORIDE * SODIUM SILICOFLUORIDE (DOT) * SODIUM SILICON FLUORIDE * SUPER PRODAN * UN 2674 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg MLD FCTOD7 20,563,82
eye-rbt 100 mg SEV FCTOD7 20,573,82
eye-rbt 100 mg/4S rns SEV FCTOD7 20,573,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:125 mg/kg ARSIM* 20,21,66
scu-rat LDLo:70 mg/kg JPETAB 39,246,30
orl-rbt LD50:125 mg/kg FMCHA2 -,C217,83
scu-frg LDLo:448 mg/kg CRSBAW 124,133,37
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMSSAQ 400,5,63
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2500 ug(F)/m3 (SCP-W) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VV8450000 SILICATE(2-), HEXAFLUORO-, LEAD(II) SALT, DIHYDRATE
UPDT:7908 CAS: 25808-74-6 MW: 385.32 MOLFM: F6-Si .Pb .2H2-O
SYN: LEAD(II) FLUOROSILICATE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:250 mg/kg NCNSA6 5,27,53
REVIEW AND REFERENCES:
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3 DTLVS* 4,243,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV8575000 SILICATE(2-), HEXAFLUORO-, MAGNESIUM, HEXAHYDRATE
UPDT:8411 CAS: 18972-56-0 MW: 274.52 MOLFM: F6-Si .Mg .6H2-O
SYN: EULAVA SM * FLUOSILICATE DE MAGNESIUM (French) * MAGNESIUM FLUOSILICATE * MAGNESIUM HEXAFLUOROSILICATE * MAGNESIUM SILICOFLUORIDE * MAGNESIUM SILICOFLUORIDE (DOT) * UN 2853 (DOT)
TOXICITY DATA AND REFERENCES:
orl-gpg LD50:200 mg/kg 28ZEAL 4,265,69
scu-frg LDLo:420 mg/kg CRSBAW 124,133,37
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

SILICATE(2-), HEXAFLUORO-, NICKEL see: QR7000000

VV8700000 SILICATE(2-), HEXAFLUORO-, STRONTIUM
UPDT:7901 CAS: 18943-30-1 MW: 229.71 MOLFM: F6-Si .Sr
SYN: HEXAFLUOROSILICATE(2-) STRONTIUM * STRONTIUM FLUOSILICATE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:250 mg/kg NCNSA6 5,28,53
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

VV8750000 SILICATE(2-), HEXAFLUORO-, THALLIUM
UPDT:7901 CAS: 27685-40-1 MW: 346.46 MOLFM: F6-Si .Tl
SYN: THALLIUM(I) FLUOSILICATE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:50 mg/kg NCNSA6 5,1,53
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Tl)/m3 DTLVS* 4,396,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Tl)/m3 (SCP-U) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

VV8754000 SILICATE(2-), HEXAFLUORO-, ZINC
UPDT:8312 CAS: 16871-71-9 MW: 207.46 MOLFM: F6-Si .Zn
SYN: FUNGOL * FUNGONIT GF 2 * SILICON ZINC FLUORIDE * UN 2855 (DOT) * ZINC FLUOROSILICATE * ZINC HEXAFLUOROSILICATE * ZINC SILICOFLUORIDE (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg NCNSA6 5,28,53
scu-frg LDLo:280 mg/kg CRSBAW 124,133,37
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMSSAQ 400,5,63
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV8760000 SILICATE, MICA
UPDT:8305 CAS: 12001-26-2
SYN: MICA * SUZORITE MICA
REVIEW AND REFERENCES:
★ TLV-TWA 20 mppcf DTLVS* 4,287,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 20 mppcf (SCP-S) FEREAC 39,23540,74

VV8770000 SILICATE, PORTLAND CEMENT
UPDT:8201 CAS: 65997-15-1
SYN: PORTLAND CEMENT
REVIEW AND REFERENCES:
★ TLV-TWA 30 mppcf DTLVS* 4,345,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 mppcf (SCP-S) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VV8780000 SILICATE, SOAPSTONE
DEF:Containing less than 1% crystalline SILICA (FEREAC 39,23540,74)
UPDT:8201 MW: 379.31 MOLFM: 3Mg-O .4Si-O2 .H2-O
SYN: SOAPSTONE
REVIEW AND REFERENCES:
★ TLV-TWA 20 mppcf DTLVS* 4,368,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 20 mppcf (SCP-S) FEREAC 39,23540,74

SILICATE TETRAETHYLIQUE (French) see: VV9450000
SILICEOUS EARTH, PURIFIED see: VV7322000

VV8850000 SILICIC ACID
UPDT:8403 CAS: 7699-41-4 MW: 78.11 MOLFM: H2-O3-Si
SYN: BIO-SIL * KIESELSAURE (German) * METASILICIC ACID * PRECIPITATED SILICA * SILICA GEL
IRRITATION DATA AND REFERENCES:
eye-rbt 8300 ug/48H JANCA2 56,905,73
TOXICITY DATA AND REFERENCES:
ivn-mus LDLo:234 mg/kg AMIHAB 17,204,58
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SILICIC ACID ALUMINUM SALT see: BD1450000

VV8925000 SILICIC ACID, BERYLLIUM SALT
UPDT:8401 CAS: 15191-85-2 MW: 110.11 MOLFM: O4-Si .2Be
SYN: BERYLLIUM SILICATE * BERYLLIUM SILICIC ACID * BERYLLIUM ORTHOSILICATE * ORTHOSILICATE * PHENACITE * PHENAKITE * PHENAZITE
TUMORIGENIC DATA AND REFERENCES:
2V03V15 ivn-rbt TDLo:500 mg/kg AICCA6 7,171,50
2V03Q60 imp-rbt TDLo:10 mg/kg ARPAAQ 88,89,69
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FCTXAV 9,105,71
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 23,143,80
★ CARCINOGENIC REVIEW:INDEFINITE IARC** 1,17,72
★ TLV-TWA 2 ug(Be)/m3 DTLVS* 4,43,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug/m3;Cl 5;Pk 25/30M/8H FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VV9100000 SILICIC ACID, BERYLLIUM ZINC SALT
UPDT:8401 CAS: 39413-47-3 MW: 134.47 MOLFM: O2-Si .Zn .Be
SYN: BERYLLIUM ZINC SILICATE * ZINC BERYLLIUM SILICATE
TUMORIGENIC DATA AND REFERENCES:
2V03Q60 ivn-rbt TDLo:100 mg/kg/2W-I LANCAO 1,519,50
3V03J60Q60 ims-rbt TDLo:20 mg/kg BJCAAI 20,778,66
3V03J60Q60 imp-rbt TDLo:10 mg/kg ARPAAQ 88,89,69
3V03J60Q60 ivn-rbt TD :500 mg/kg/10W-I JBSUAK 36,543,54
2V03Q60 ivn-rbt TD :500 mg/kg/6W-I FEPRA7 5,221,46
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FCTXAV 9,105,71
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 1,17,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 23,143,80
★ TLV-TWA 2 ug(Be)/m3 DTLVS* 4,43,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 ug/m3;CL 5 ug/m3;Pk 25 ug/m3/30M/8H FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M NTIS**
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VV9275000 SILICIC ACID (H2SiO3), DISODIUM SALT
UPDT:8407 CAS: 6834-92-0 MW: 122.07 MOLFM: O3-Si .2Na
SYN: B-W * CRYSTAMET * DISODIUM METASILICATE * DISODIUM MONOSILICATE * METSO 20 * METSO BEADS 2048 * METSO BEADS, DRYMET * METSO PENTABEAD 20 * ORTHOSIL * SODIUM METASILICATE * SODIUM METASILICATE, ANHYDROUS * SODIUM SILICATE * WATER GLASS
IRRITATION DATA AND REFERENCES:
skn-hmn 250 mg/24H SEV TXAPA9 31,481,75
skn-rbt 250 mg/24H SEV TXAPA9 31,481,75
skn-gpg 250 mg/24H MOD TXAPA9 31,481,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T71T72T76 orl-rat TDLo:15 gm/kg (14W male/14W pre-3W post) JANSAG 36,271,73
1T02 scu-rat TDLo:9766 ug/kg (1D male) JRPFA4 7,21,64
1T02 itt-rat TDLo:9766 ug/kg (1D male) JRPFA4 7,21,64
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1280 mg/kg 14CYAT 3(2B),3065,82
* orl-mus LD50:2400 mg/kg 14CYAT 3(2B),3065,82
3J30K30M30 orl-dog LDLo:250 mg/kg FCTXAV 14,78,76
* orl-pig LDLo:250 mg/kg FCTXAV 14,78,76
ipr-gpg LDLo:200 mg/kg JAMAAP 111,1925,38
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: NTIS** PB-287-766
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VV9275100 SILICIC ACID (H2Si2O5), DISODIUM SALT
UPDT:8407 CAS: 13870-28-5 MW: 182.16 MOLFM: O5-Si2 .2Na
SYN: DISODIUM DISILICATE * DISODIUM SILICATE * SODIUM DISILICATE * SODIUM SILICATE (SiO2/Na2O - 2/1)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1300 mg/kg SDSTBT 5R,24,72

VV9275200 SILICIC ACID (H2-Si3-07), DISODIUM SALT
UPDT:8407 CAS: 13870-30-9 MW: 242.25 MOLFM: O7-Si3 .2Na
SYN: DISODIUM TRISILICATE * SODIUM SILICATE (SiO2/Na2O - 3/1) * SODIUM TRISILICATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1600 mg/kg SDSTBT 5R,24,72

SILICIC ACID, METHYL ESTER of ortho- see: VV9800000

VV9450000 SILICIC ACID, TETRAETHYL ESTER
UPDT:8404 CAS: 78-10-4 MW: 208.37 MOLFM: C8-H20-O4-Si
SYN: ETHYL ORTHOSILICATE * ETHYL SILICATE * ETHYL SILICATE (DOT) * ETYLU KRZEMIAN (Polish) * EXTREMA * SILANE, TETRAETHOXY- * SILICATE D'ETHYLE (French) * SILICATE TETRAETHYLIQUE (French) * TEOS * TETRAETHOXYSILANE * TETRAETHYL ORTHOSILICATE * TETRAETHYL ORTHOSILICATE (DOT) * TETRAETHYL SILICATE * UN 1292 (DOT)
IRRITATION DATA AND REFERENCES:
eye-hmn 3000 ppm JIHTAB 22,288,40
skn-rbt 500 mg/24H MOD UCDS** 7/23/70
eye-rbt 100 mg MLD UCDS** 7/23/70
eye-gpg 2500 ppm/2H SEV JIHTAB 22,288,40
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6270 mg/kg JIHTAB 31,60,49
ihl-rat LCLo:1000 ppm/4H JIHTAB 31,343,49
* skn-rbt LD50:5878 mg/kg UCDS** 7/23/70
ivn-rbt LDLo:200 mg/kg INMEAF 6,660,37
ihl-gpg LCLo:700 ppm/6H JIHTAB 22,288,40
REVIEW AND REFERENCES:
★ TLV-TWA 10 ppm; STEL 30 ppm DTLVS* 4,190,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm (SCP-S) FEREAC 39,23540,74
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S264
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

VV9800000 SILICIC ACID, TETRAMETHYL ESTER
UPDT:8407 CAS: 681-84-5 MW: 152.25 MOLFM: C4-H12-O4-Si
SYN: METHYL SILICATE * METHYL ORTHOSILICATE * METHYL ORTHOSILICATE (DOT) * SILICIC ACID, METHYL ESTER of ortho- * TETRAMETHOXY SILANE * TL 190 * UN 2606 (DOT)
IRRITATION DATA AND REFERENCES:
eye-rbt 250 ug open SEV AMIHBC 4,119,51
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:700 mg/kg 30ZNA5 3,935,68
ihl-rat LCLo:250 ppm/4H AMIHBC 4,119,51
ihl-mus LCLo:1000 mg/m3/10M NDRC** NDCrc-132,May,42
ipr-mus LD50:250 mg/kg CBCCT* 2,56,50
* skn-rbt LD50:17 gm/kg AMIHBC 4,119,51
ivn-rbt LDLo:100 mg/kg 30ZNA5 3,935,68
REVIEW AND REFERENCES:
★ TLV-TWA 1 ppm; STEL 5 ppm DTLVS* 4,286,80
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SILICIC ACID, ZIRCONIUM(4+) SALT (1:1) see: ZH9000000
SILICIC ANHYDRIDE see: VV7330000
SILICIC ANHYDRIDE see: VV7310000
SILICI-CHLOROFORME (French) see: VV5950000
SILICIO(TETRACLORURO DI) see: VW0525000
SILICIUMCHLOROFORM (German) see: VV5950000
SILICIUMTETRACHLORID (German) see: VW0525000
SILICIUMTETRACHLORIDE (Dutch) see: VW0525000
SILICIUM(TETRACHLORURE DE) (French) see: VW0525000
SILICOCHLOROFORM see: VV5950000
SILICOFLUORIC ACID see: VV8225000
SILICOFLUORIC ACID (DOT) see: VV8225000

VW0400000 SILICON
UPDT:8404 CAS: 7440-21-3 MW: 28.09 MOLFM: Si
SYN: SILICON POWDER, amorphous (DOT) * UN 1346 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 10 mg/m3; STEL 20 mg/m3 (dust) DTLVS* 4,365,80
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983

VW0420000 SILICON(1+), (1-(BIS(2-HYDROXYETHYL)AMINO)-2-PROPANOLATO(3-)-N,O,O',O') (ETHYLMETHYLSULFONIUM eta-METHYLIDE)-, IODIDE, (TB-5-34)-
UPDT:8308 CAS: 67349-10-4 MW: 405.41 MOLFM: C11-H24-N-O3-S-Si .I
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:120 mg/kg PCJOAU 14,143,80

VW0450000 SILICON CARBIDE
UPDT:8403 CAS: 409-21-2 MW: 40.10 MOLFM: C-Si
SYN: CARBOLON * CARBON SILICIDE * CARBORUNDEUM * CARBORUNDUM * KZ 3M * KZ 5M * KZ 7M * SILICON MONOCARBIDE * SILUNDUM
TUMORIGENIC DATA AND REFERENCES:
2V02V10 imp-rat TDLo:200 mg/kg JJIND8 67,965,81
REVIEW AND REFERENCES:
★ TLV-TWA 10 mg/m3; STEL 20 mg/m3 (dust) DTLVS* 4,366,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VW0525000 SILICON CHLORIDE (SiCl4)
UPDT:8403 CAS: 10026-04-7 MW: 169.89 MOLFM: Cl4-Si
SYN: CHLORID KREMICITY (Czech) * EXTREMA * SILANE, TETRACHLORO- * SILICIO(TETRACLORURO DI) * SILICIUMTETRACHLORID (German) * SILICIUMTETRACHLORIDE (Dutch) * SILICIUM(TETRACHLORURE DE) (French) * SILICON TETRACHLORIDE * SILICON TETRACHLORIDE (DOT) * TETRACHLOROSILANE * TETRACHLORURE DE SILICIUM (French) * UN 1818 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV 28ZPAK -,14,72
eye-rbt 20 mg/24H SEV 28ZPAK -,14,72
TOXICITY DATA AND REFERENCES:
ihl-rat LC50:8000 ppm/4H JIHTAB 31,343,49
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VW0550000 SILICONCHROME (exothermic)
UPDT:8308 CAS: 11133-78-1
SYN: SILICON CHROME, EXOTHERMIC (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 500 ug(Cr)/m3 DTLVS* 4,98,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Cr)/m3 FEREAC 39,23540,74

SILICON CHROME, EXOTHERMIC (DOT) see: VW0550000

VW0570000 SILICON(1+), (DIETHYLSULFONIUM eta-METHYLIDE)((1,1',1'-NITRILOTRIS(2-PROPANOLATO))(3-)- N,O,O',O')-, BROMIDE, (TB-5-23)
UPDT:8308 CAS: 67366-36-3 MW: 400.51 MOLFM: C14-H30-N-O3-S-Si .Br
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:53 mg/kg PCJOAU 14,143,80

VW0580000 SILICON(1+), ((1,1-DIMETHYLETHYL)METHYLSULFONIUM eta-METHYLIDE)((2,2',2'-NITRILOTRIS (ETHANOLATO))(3-)-N,O,O',O')-, IODIDE, (TB-5-23)-
UPDT:8308 CAS: 67349-11-5 MW: 419.44 MOLFM: C12-H26-N-O3-S-Si .I
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:179 mg/kg PCJOAU 14,143,80

SILICON DIOXIDE see: VV7320000
SILICONE 360 see: JT6485000
SILICONE A-186 see: VV4000000
SILICONE A-187 see: VV4025000
SILICONE A-189 see: TZ7800000
SILICONE DC 200 see: JT6485000
SILICONE DC 360 see: JT6485000
SILICONE DC 360 FLUID see: JT6485000
SILICONE DIOXIDE see: VV7320000
SILICONE RELEASE L 45 see: JT6485000
SILICONE RUBBER see: TQ2700000

VW1850000 SILICON(1+), (ETHYLMETHYLSULFONIUM eta-METHYLIDE)((2,2',2'-NITRILOTRIS(ETHANOLATO))(3-)- N,O,O',O')-, IODIDE, (TB-5-23)-
UPDT:8308 CAS: 67349-09-1 MW: 391.38 MOLFM: C10-H22-N-O3-S-Si .I
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:267 mg/kg PCJOAU 14,143,80

VW2310000 SILICONE Y-6607
UPDT:8306 CAS: 67762-92-9
SYN: SILOXANES AND SILICONES, DIMETHYL, (DIMETHYLAMINO)- terminated
TOXICITY DATA AND REFERENCES:
2H30J30 ihl-rat LC50:774 ppm/4H EPASR* 8EHQ-0680-0349
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0349
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VW2327000 SILICON FLUORIDE
UPDT:8312 CAS: 7783-61-1 MW: 104.09 MOLFM: F4-Si
SYN: SILANE, TETRAFLUORO- * SILICON TETRAFLUORIDE (DOT) * UN 1859 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172.101,82
★ DOT-IMO:POISON A; LABEL:POISON GAS, CORROSIVE CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SILICON FLUORIDE BARIUM SALT see: CR0525000
SILICON HEXAFLUORIDE DIHYDRIDE see: VV8225000

VW2342000 SILICON(1+), ((2-HYDROXYETHYL)METHYLSULFONIUM eta-METHYLIDE)((2,2',2'-NITRILOTRIS (ETHANOLATO))(3-),N,O,O',O')-, IODIDE, (TB-5-23)-
UPDT:8308 CAS: 67366-34-1 MW: 407.38 MOLFM: C10-H22-N-O4-S-Si .I
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:267 mg/kg PCJOAU 14,143,80

VW2345000 SILICON(1+), (mu-((METHYLSULFONIUMYLIDENE)BIS(METHYLENE)))BIS((2,2',2'-NITRILOTRIS (ETHANOLATO))(3-),N,O,O',O')DI-, IODIDE
UPDT:8308 CAS: 70199-26-7 MW: 550.62 MOLFM: C15-H31-N2-O6-S-Si2 .I
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:80 mg/kg PCJOAU 14,143,80

SILICON MONOCARBIDE see: VW0450000
SILICON OXIDE, DI- (SAND) see: VV7330000
SILICON PHENYL TRICHLORIDE see: VV6650000
SILICON POWDER, amorphous (DOT) see: VW0400000
SILICON SODIUM FLUORIDE see: VV8410000
SILICON TETRACHLORIDE see: VW0525000
SILICON TETRACHLORIDE (DOT) see: VW0525000
SILICON TETRAFLUORIDE (DOT) see: VW2327000
SILICON TETRAHYDRIDE see: VV1400000
SILICON TRIETHANOLAMIN see: JG6716000
SILICON ZINC FLUORIDE see: VV8754000

SILIKILL see: VV7310000
SILIKON ANTIFOAM FD 62 see: JT6485000
SILIMIN see: YJ9030500

VW2700000 SILK
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:36 mg/kg CNREA8 15,333,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SILMURIN see: VF7350000
SILMURIN see: VR3520000
SILOGOMMA RED RLL see: QK4247000
SILOM see: DA0500000
SILOMAT see: DA0500000
SILON see: RF5250000
SILONIST see: DA0500000
SILOPOL ORANGE R see: QL3854000
SILOPOL RED G see: QL3436000
SILOSAN see: TF1410000
SILOSOL ORANGE RN see: QL3854000
SILOSOL RED GN see: QL3436000
SILOSOL RED RBN see: QK4247000
SILOSOL RED RN see: QK4247000
SILOSUPER PINK B see: DH0175000
SILOSUPER VIOLET R see: GE4518000
SILOTON ORANGE RL see: QL3854000
SILOTON RED BRLL see: QK4247000
SILOTON RED 2G see: QL3436000
SILOTON RED RLL see: QK4247000
SILOTON YELLOW GTX see: AK4580000
SILOTON YELLOW 3GX see: AK4580000
SILOTRAS BROWN TRN see: ST2900000
SILOTRAS ORANGE TR see: QL4900000
SILOTRAS RED T3B see: QL5775000
SILOTRAS SCARLET TB see: QK4250000
SILOTRAS YELLOW T2G see: BX7350000
SILOTRAS YELLOW TSG see: AC3662000

VW3370000 SILOXANE, DIMETHYL- (lot no. AA-4146)
DEF:Viscosity 20 at 25 degrees (ISMJAV 22,15,63)
UPDT:8401
SYN: DIMETHYL SILOXANE * DOW CORNING 200 * DOW CORNING 561 * DOW-CORNING 200 FLUID-LOT No.AA-4146 * SYLTHERM 800
TUMORIGENIC DATA AND REFERENCES:
2V03R60 scu-mus TDLo:120 gm/kg ISMJAV 22,15,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VW3380000 SILOXANE, DIMETHYL- (lot no. AA-4163)
UPDT:8401 CAS: 63148-62-9
SYN: DIMETHYL SILOXANE * DOW-CORNING 200 FLUID-LOT NO.AA-4163
TUMORIGENIC DATA AND REFERENCES:
2V03R60 scu-mus TDLo:120 gm/kg ISMJAV 22,15,63
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SILOXANES and SILICONES, DI-Me see: JT6485000
SILOXANES AND SILICONES, DIMETHYL, (DIMETHYLAMINO)- terminated see: VW2310000
SILPALON, combustion products see: AT6975000
SILTEX see: VV7320000
SILUBIN see: DU1135000
SILUNDUM see: VW0450000
SILVADENE see: WP1925000
SILVAN (Czech) see: LU2625000
SILVANOL see: GV4900000

VW3500000 SILVER
UPDT:8411 CAS: 7440-22-4 MW: 107.87 MOLFM: Ag
SYN: ARGENTUM * C.I. 77820 * L-3 * SHE&L SILVER * SILBER (German) * SILVER ATOM
TUMORIGENIC DATA AND REFERENCES:
2V03V10 mul-rat TDLo:330 mg/kg/43W-I ZEKBAI 63,586,60
2V03V10 imp-rat TDLo:2400 mg/kg CNREA8 16,439,56
2V03V10 imp-mus TDLo:11 gm/kg NATWAY 42,75,55
2V03V10 imp-rat TD :2570 mg/kg NATWAY 42,75,55
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FOREAE 7,313,42; MIBUBI 9(4),321,75; PTPAD4 1,127,76; AJMEAZ 38,409,65; PEXTAR 12,102,69
★ TLV-TWA 100 ug/m3 (dust, fume) DTLVS* 4,59,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug/m3 (SCP-N) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0345
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SILVER ACETATE see: AJ4100000
SILVER(I) ACETATE see: AJ4100000
SILVER(1+) ACETATE see: AJ4100000

VW3504000 SILVER ACETYLIDE
UPDT:8310 CAS: 13092-75-6 MW: 132.90 MOLFM: C2-H-Ag
SYN: SILVER ACETYLIDE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
SILVER ACETYLIDE (DCT) see: VW3504000

VW3510000 SILVER AMMONIUM LACTATE
UPDT:8012 MW: 304.08 MOLFM: C6-H14-Ag-N-O6
IRRITATION DATA AND REFERENCES:
eye-rbt 1500 ug SEV AROPAW 25,839,41
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Ag)/m3 DTLVS* 4,367,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Ag)/m3 (SCP-N) FEREAC 39,23540,74

VW3515000 SILVER AMMONIUM NITRATE
UPDT:7906 CAS: 23606-32-8 MW: 249.94 MOLFM: Ag-H4-N3-O6
IRRITATION DATA AND REFERENCES:
eye-rbt 1 mg SEV AROPAW 25,839,41
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Ag)/m3 DTLVS* 4,367,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Ag)/m3 (SCP-N) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VW3525000 SILVER AMMONIUM SULFATE
UPDT:7906 MW: 221.98 MOLFM: Ag-H4-N-O4-S
IRRITATION DATA AND REFERENCES:
eye-rbt 1 mg SEV AROPAW 25,839,41
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Ag)/m3 DTLVS* 4,367,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Ag)/m3 (SCP-N) FEREAC 39,23540,74
SILVER ARSENITE see: CG3884000
SILVER ARSENITE (DOT) see: CG3884000
SILVER ATOM see: VW3500000

VW3553000 SILVER AZIDE
CAS: 13863-88-2 MW: 149.90 MOLFM: Ag-N3
SYN: SILVER AZIDE (DRY) (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
SILVER AZIDE (DRY) (DOT) see: VW3553000
SILVER BOND B see: VV7330000
SILVER BOROFLUORIDE see: ED2875000
SILVER CHLORITE, dry (DOT) see: FY1678500

VW3675000 SILVER, COLLOIDAL
UPDT:8404 CAS: 7440-22-4 MW: 107.87 MOLFM: Ag
SYN: ARGENTUM CREDE * COLLARGOL
TOXICITY DATA AND REFERENCES:
orl-mus LD50:100 mg/kg JPPMAB 2,20,50
ivn-rbt LDLo:49 mg/kg ZGEMAZ 52,33,26
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Ag)/m3 DTLVS* 4,367,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug/m3 (SCP-N) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VW3850000 SILVER CYANIDE
UPDT:8406 CAS: 506-64-9 MW: 133.89 MOLFM: C-Ag-N
SYN: CYANURE D'ARGENT (French) * KYANID STRIBRNY (Czech) * RCRA WASTE NUMBER P104 * SILVER CYANIDE (DOT) * UN 1684 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD 28ZPAK -,13,72
eye-rbt 20 mg/24H SEV 28ZPAK -,13,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:123 mg/kg 28ZPAK -,13,72
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SILVER CYANIDE (DOT) see: VW3850000
SILVER DIFLUORIDE see: VW4200000
SILVER DINAPHTHYLMETHANEDISULPHONATE see: QK3675000
SILVERFERN EXTRACT see: FL8300000
SILVER FIR NEEDLE OIL (8CI) see: AA4350000
SILVER FIR OIL see: AA4350000

VW4200000 SILVER(II) FLUORIDE
UPDT:7901 CAS: 7783-95-1 MW: 145.87 MOLFM: Ag-F2
SYN: ARGENT FLUORURE (French) * ARGENTIC FLUORIDE * SILVER DIFLUORIDE
TOXICITY DATA AND REFERENCES:
scu-frg LDLo:224 mg/kg CRSBAW 124,133,37
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMSSAQ 400,5,63
★ TLV-TWA 10 ug(Ag)/m3 DTLVS* 4,367,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Ag)/m3 (SCP-N) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
SILVER FLUOROBORATE see: ED2875000
SILVER FULMINATE, dry (DOT) see: LS9340000
SILVER MATT POWDER see: XP7320000
SILVER METHANESULFONATE see: PB2685000
SILVER METHYLSULFONATE see: PB2685000
SILVER MONOACETATE see: AJ4100000
SILVER NITRATE see: VW4725000
SILVER NITRATE (DOT) see: VW4725000

VW4725000 SILVER(I) NITRATE (1:1)
UPDT:8408 CAS: 7761-88-8 MW: 169.88 MOLFM: N-O3 Ag
SYN: LUNAR CAUSTIC * NITRATE D'ARGENT (French) * NITRIC ACID, SILVER(1+) SALT * SILVER(1+) NITRATE * SILBERNITRAT * SILVER NITRATE * SILVER NITRATE (DOT) * UN 1493 (DOT)
IRRITATION DATA AND REFERENCES:
eye-rbt 1 mg SEV AROPAW 25,839,41
MUTATION DATA AND REFERENCES:
sln-smc 140 ppb ANYAA9 407,186,83
dni-mus-ipr 20 gm/kg ARGEAR 51,605,81
otr-ham:emb 60 umol/L CNREA8 39,193,79
dnd-ham:emb 60 umol/L CNREA8 39,193,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 scu-rat TDLo:13590 ug/kg (1D male) JRPFA4 7,21,64
2T01T02 itt-rat TDLo:3398 ug/kg (1D male) JRPFA4 7,21,64
1T23 itt-rat TDLo:400 mg/kg (1D male) FESTAS 24,884,73
2T01T02 scu-mus TDLo:13590 ug/kg (30D male) JRPFA4 7,21,64
1T02 scu-dog TDLo:50 mg/kg (1D male) FESTAS 24,884,73
1T02 itt-dog TDLo:20 mg/kg (1D male) AEFTAA 6,349,75
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:15 gm/kg/19W-I NCIMAV 10,489,63
TOXICITY DATA AND REFERENCES:
unk-man LDLo:29 mg/kg 85DCAI 2,73,70
orl-mus LD50:50 mg/kg JPPMAB 2,20,50
ipr-mus LD50:22 mg/kg COREAF 256,1043,63
orl-dog LDLo:20 mg/kg HBAMAK 4,1289,35
orl-rbt LDLo:800 mg/kg HBAMAK 4,1289,35
ivn-rbt LDLo:9 mg/kg EQSSDX 1,1,75
ipr-gpg LDLo:216 mg/kg AEHLAU 11,201,65
scu-gpg LDLo:62 mg/kg BMJOAE 2,217,13
REVIEW AND REFERENCES:
★ TLV-TWA 10 ug(Ag)/m3 DTLVS* 4,367,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(Ag)/m3 (SCP-N) FEREAC 39,23540,74
★ DOT-HAZARD:OXIDIZER: LABEL:OXIDIZER CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SILVER(1+) NITRATE see: VW4725000
SILVER OAK, extract see: ME2910250 GREVILLEA ROBUSTA A. Cunn., extract excluding roots
SILVER OXALATE, dry (DOT) see: RO2900000

VW4900000 SILVER(1+) OXIDE
UPDT:8307 CAS: 20667-12-3 MW: 231.74 MOLFM: Ag2-O
SYN: ARGENTOUS OXIDE * DISILVER OXIDE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:2820 mg/kg AIHAAP 30,470,69
* orl-rat LD50:2820 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
SILVER PICRATE, dry (DOT) see: TJ7891000
SILVER PICRATE, wetted with at least 30% water (DOT) see: TJ7891500
SILVER PINE OIL see: AA4350000
SILVER POTASSIUM CYANIDE see: TT5775000
SILVER TETRAFLUOROBORATE see: ED2875000
SILVEX see: UF8225000
SILVI-RHAP see: UF8225000
SILVISAR see: CH7700000
SILVISAR 510 see: CH7525000
SILVISAR 550 see: PA2625000
SILYL BROMIDE see: VV1970000
SIM see: WP0700000
SIMADEX see: XY5250000
SIMAN see: DE9070000
SIMANEX see: XY5250000
SIMARUBACEAE see: ET4730500
SIMATIN(E) see: WN2800000
SIMAZIN see: XY5250000
SIMAZINE see: XY5250000
SIMAZINE 80W see: XY5250000
SIMAZOL see: XZ3850000
SIMEON see: UK6650000
SIMESKELLINA see: LV1050000
SIMETON see: XY3850000
SIMETONE see: XY3850000
SIMETRIDE see: TK9700000
SIMETRYN see: XY4025000
SIMETRYNE see: XY4025000
SIMPALON see: DO7350000
SIMPAMINA see: SI1750000
SIMPAMINA-D see: SI1400000
SIMPAMINE see: SI1750000
SIMPATEDRIN see: SI1750000
SIMPATEDRIN see: SH9450000
SIMPATOBLOCK see: BQ8575000
SIMPATOL see: DO7350000
SIMPLA see: XZ1900000
SIMULOL 330 M see: MD0875000
SIN-10 see: WU7677400
SINAFID M-48 see: TG0175000
SINALAR see: TU3830000
SINALGICO see: DM4200000
SINALOST see: YE2800000
SINAN see: TZ1225000
SINAXAR see: KI2625000
SINBAR see: YQ9360000
SINCICLAN see: WJ5775000
SINCODEEN see: ET5960000
SINCODEX see: ET5960000
SINCODIN see: ET5960000
SINCODIX see: ET5960000
SINCORTEX see: HG0525000
SINCOUMAR see: GN4900000
SINCURARINE see: BS1100000
SINDERESIN see: AG0525000
SINDESVEL see: VA3850000
SINDRENINA see: DO2625000
SINESALIN see: DK8225000
SINECOD see: ET5960000
SINEDAL see: AM4375000
SINEFLUTTER see: LW5950000
SINEFUNGIN see: HE3140000
SINEQUAN see: HQ4375000
SINESALIN COMPOSITION see: ZG0350000
SINESTROL see: SL0560850
SINFORIL see: EK1050000
SINGOSERP see: ZG0175000
SINITUHO see: SM6300000
SINKUMAR see: GN4900000
SINNAMIN see: UQ9835000
SINNOZON NCX 70 see: DB6620000
SINOFLUROL see: YR0450000
SINOMENINE see: QD2170000
SINOMIN see: WP0700000
SINORATOX see: TE1750000
SINOX see: GO9625000
SINOX GENERAL see: SJ9800000
SINREX see: GA4763000
SINTAMIL see: HQ4029500 DIBENZ(b,f)(1,4)OXAZEPIN-11(10H)-ONE, 10-(3-(DIMETHYLAMINO)PROPYL)-2-NITRO-, MONOHYDROCHLORIDE
SINTECORT see: TU4025000
SINTESPASMIL see: MB9625000
SINTESTROL see: WJ5600000
SINTHROM see: GN4900000
SINTHROME see: GN4900000
SINTOFENE see: GD3900000
SINTOMICETINA see: AB6825000
SINTOMICETINE R see: AB6825000
SINTOSIAN see: DE2100000
SINTOX-12 see: WV7600000
SINTROM see: GN4900000
SINTROMA see: GN4900000
SINTYAL see: SC4900000
SINUBID see: AM4375000
SINUFED see: UL5950000
SINURON see: YS9100000
SINUTAB see: AM4375000
SINUTAB II see: AM4375000
SIOCARBAZONE see: AE3850000
SIPAS 60 see: TQ9800000
SIPCAPLANT see: BA3675000
SIPCASAN see: BA3675000
SIPCAVIT see: BA3675000
SIPERIN see: GZ1250000
SIPEX BOS see: MP0700000
SIPEX OLS see: WT1175000
SIPEX OP see: WT1050000
SIPEX SB see: WT1050000
SIPEX SD see: WT1050000
SIPOL L8 see: RH6550000
SIPOL L10 see: HE4375000
SIPOL L12 see: JR5775000
SIPOL O see: RG4120000
SIPOL S see: RG2010000
SIPOMER DAM see: ON0700000
SIPON ES see: WB7350000
SIPON ESY see: WB7350000
SIPONIC L see: MD0875000
SIPONIC L 3 see: MD0875000
SIPONIC L-4 see: MD0875000
SIPONIC L 10 see: MD0875000
SIPONIC L 15 see: MD0875000
SIPONIC L 150 see: MD0875000
SIPONIC Y-501 see: RK2975000
SIPON LS see: WT1050000
SIPON LSB see: WT1050000
SIPON LT see: WT1000000
SIPON LT-6 see: WT1000000
SIPON LT-40 see: WT1000000
SIPONOL S see: RG2010000
SIPON PD see: WT1050000
SIPON WD see: WT1050000
SIPTOX I see: WM8400000
SIRACRIL, combustion products see: AT6975000
SIRAGAN see: VB2360000
SIRAN EXTRACT (Indian) see: AY8932400
SIRAN HYDRAZINU (Czech) see: MV9625000
SIRANRANI EXTRACT (Indian) see: GS2115000
SIRBIOCINA see: CU9080000
SIRINGAL see: ZG0175000
SIRINGINA see: ZG0175000
SIRINGONE see: ZG0175000
SIRISERPIN see: ZG0175000
SIRIUS SUPRA BLUE 4G see: QJ6430000
SIRIUS SUPRA BROWN BRL see: GL7375000
SIRIUS SUPRA BROWN BRS see: GL7375000
SIRLEDI see: QE7400000
SIRLENE see: TY2000000
SIRMATE see: FB8560000
SIRMATE see: FB8620000
SIRMATE see: FB8575000
SIRNIK AMONNY (Czech) see: BS4900000
SIRNIK FOSFORECNY (Czech) see: TH4375000
SIRNIK TRIBENZYLCINICITY (Czech) see: WQ2450000
SIROKAL see: LZ5230000
SIROMYCIN see: UY9100000
SIROTOL see: TY8400000
SIRUP see: LZ6600000
SIRUPPANAIKOLI EXTRACT (Indian) see: RW7104000
SISOMICIN see: WK2284900
SISOMICIN HYDROCHLORIDE see: WK2287100
SISTALGIN see: GX1210000
SISTAN see: FC2100000
SISTHANE see: MP4380000
SISTOMETRENOL see: RC8964500
SISTRAL see: RQ2975000
SISURIL see: DK9625000
beta-SITOSTERIN see: WJ2600000
beta-SITOSTEROL see: WJ2600000
beta-SITOSTERYL SULFATE see: FZ7400000
beta-SITOSTERYL SULPHATE see: FZ7400000
SIX HUNDRED SIX see: SJ7175000
SIXTY-THREE SPECIAL E.C. INSECTICIDE see: TF4550000
SIXTY-THREE SPECIAL E.C. INSECTICIDE see: TG0175000
SK 1 see: QT1980000
SK 74 see: DC7600000
SK 75 see: YU1610000
SK-100 see: YE2800000
SK-598 see: IA2275000
SK1133 see: XZ2100000
SK-3818 see: SZ1750000
SK-15673 see: AY3675000
SK-19849 see: YQ8925000
SK 331 A see: QT1500000
SK-Apap see: AE4200000
SK-AMITRIPTYLINE see: HO9450000
SK-AMPICILLIN see: XH8350000
SKATOL see: NM0350000
SKATOLE see: NM0350000
omega-SKATOLE CARBOXYLIC ACID see: NL3150000
SK-BAMATE see: TZ0175000
SK-CHLORAL HYDRATE see: FM8750000
SK-CHLOROTHIAZIDE see: DK9450000
SK-DEXAMETHASONE see: TU3980000
SK-DIGOXIN see: IH6125000
SK-DIPHENHYDRAMINE see: KR7000000
SKEDULE see: TU3750000
SKEKhG see: TX4900000
SKELLY-SOLVE-F see: DE3030000
SKELLY-SOLVE H see: DE3030000
SKELLY-SOLVE-L see: VL8047000
SKELLY-SOLVE R see: DE3030000

SKELLY-SOLVE S see: SE7555000
SKELLY-SOLVE S-66 see: SE7555000
SKEROLIP see: UE9480000
SK-ERYTHROMYCIN see: KF5790000
SK-ESTROGENS see: GL1224000
SKF 385 see: GZ2450000
SKF 1045 see: DL2625000
SKF 1498 see: SO6825000
SKF 1717 see: JP1292500
SKF 2170 see: BV8150000
SKF 2538 see: SO4900000
SKF-2601 see: SN8925000
SKF 4740 see: BP0693200
SKF 5019 see: SP1750000
SKF 5654 see: GM7820000
SKF 5883 see: SP5400000
SKF 7690 see: RB5890000
SK&F 7690 see: RB5890000
SKF 7988 see: ZA4870000
SKF 8542 see: UO3470000
SKF 12141 see: XH8575000
SKF 12866 see: FF8925000
SK&F 14287 see: YU7700000
SKF 14336 see: AR6972000
SKF 14336 see: AR6972100
SKF 14463 see: WJ2600000
SKF 24260 see: US7977800
SKF 29044 see: DD6495000
SK&F 29044 see: DD6495000
SK&F 39162 see: MD6500000
SKF 41588 see: XI0390000
SKF 60771 see: XI0340000
SKF 62698 see: AG9300000
SKF 62979 see: FD1100000
SKF 83088 see: XI0372000
SKF-88373 see: XI0368000
SKF 92334 see: MF0035500
SK&F 92676 see: MF3623500 GUANIDINE, N-(3-(1H-IMIDAZOL-4-YL)PROPYL)-N'-(2-(((5-METHYL-1H-IMIDAZOL-4-YL)METHYL)THIO) ETHYL)-, TRIHYDROCHLORIDE
SKF 525A see: YV7175000
SKF-525-A see: AJ3400000
SKF 688A see: DP3750000
SKF 16214-A2 see: UA9120000
SKF 14336-D see: AR6972000
SK&F D-39162 see: MD6500000
SK&F 39162D see: MD6500000
SKF-501 HYDROCHLORIDE see: LL5160000
SKF 38095J2 see: KL2895000
SKF 2208K see: MM1120200
SKF 83088 SODIUM see: XI0372200
SKF 5137 TARTRATE see: UY1430000
SKG see: FF5250100
SKhN6 see: AT6976000
SKHV 71 see: KV0350000

VX5490000 SKIMMIA LAUREOLA Hk. f., leaf extract
DEF:Indian plant belonging to the family RUTACEAE (IJEBA6 16,228,78)
UPDT:8412

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:1 gm/kg	IJEBA6 16,228,78

SKINO #1 see: ES3500000
SKINO #2 see: EL9275000
SKIODAN see: PB2250000
SKLEROMEX see: UE9480000
SKLEROMEXE see: UE9480000
SKLERO-TABLINEN see: UE9480000
SKLERO-TABULS see: UE9480000
SK-LYGEN see: DE9450000
SK-NIACIN see: QT0525000
SKOLIN see: GA2360000
SK-PENICILLIN G see: XH9700000
SK-PENICILLIN VK see: XH9275000
SK 1 (PHARMACEUTICAL) see: QT1980000
SK-PHENOBARBITAL see: CQ6825000
SK-PRAMINE see: HO1925000
SK-PREDNISONE see: TU4154100
SK-RESERPINE see: ZG0350000
SKS 85 see: WL6478000
SK-SOXAZOLE see: WO9100000
SKT see: FF5250100
SKT (ADSORBENT) see: FF5250100
SK-TETRACYCLINE see: QI8750000
SK-TETRACYCLINE see: QI9100000
SK-TOLBUTAMIDE see: YS4550000
SK-TRIAMCINOLONE see: TU3850000
SKUNK CABBAGE see: YX7140000
SK 75V see: YU1610000
SKY BLUE 4B see: QJ6420000
SKY BLUE 5B see: QJ6420000
SKY BLUE 6B see: QJ6430000
SL-90 see: TY8400000
SL 501 see: DC7600000
SL 73-033 see: TM0806000
SL-75212 see: UA9823000 2-PROPANOL, 1-(4-(2-(CYCLOPROPYLMETHOXY)ETHYL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE
SLAKED LIME see: EW2800000
SLAM see: TE8100000
SL-D.177 see: UA9822000 2-PROPANOL, 1-(4-(2-(CYCLOPROPYLMETHOXY)ETHOXY)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE
SL-D.178 see: UA9821000 2-PROPANOL, 1-(4-(2-(CYCLOPROPYLMETHOXY)ETHOXY)PHENOXY)-3-((1,1-DIMETHYLETHYL)AMINO)-, (E)-2-BUTENEDIOATE (2:1) (salt)
SL-D.212 see: UA9823000 2-PROPANOL, 1-(4-(2-(CYCLOPROPYLMETHOXY)ETHYL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE
SL-D.224 see: UA9824000 2-PROPANOL, 1-(4-((CYCLOPROPYLMETHOXY)METHYL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-
SL-D.230 see: UA9826000 2-PROPANOL, 1-(4-(CYCLOPROPYLMETHOXY)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE
SL-D.231 see: UA9825000 2-PROPANOL, 1-(4-(CYCLOPROPYLMETHOXY)PHENOXY)-3-((1,1-DIMETHYLETHYL)AMINO)-, HYDROCHLORIDE
SL-D.254 see: UA9465000 2-PROPANOL, 1-(4-(2-(CYCLOBUTYLMETHOXY)ETHYL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-
SL-D.268 see: UA9812150 2-PROPANOL, 1-(4-(2-(CYCLOHEXYLMETHOXY)ETHYL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE
SL-D.311 see: UA9835000 2-PROPANOL, 1-(4-(3-CYCLOPROPYLPROPOXY)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE
SL-E.020 see: UA9465100 2-PROPANOL, 1-(4-(2-(CYCLOBUTYLMETHOXY)ETHYL)PHENOXY)-3-((1-METHYLETHYL)AMINO)-, HYDROCHLORIDE
SLEEPAN see: TI4375000
SLEEPWELL see: UT1400000
SLIMICIDE see: AS1050000
SLIPRO see: TI4375000
SLJ 0312 see: CY1202500 BENZENAMINE, N-(3-PHENYL-4,5-BIS((TRIFLUOROMETHYL)IMINO)-2-THIAZOLIDINYLIDENE)-

VX6050000 SLOETIA ELONGATA, leaf extract
UPDT:8307

TOXICITY DATA AND REFERENCES:

2D35F12	ipr-mus LD50:500 mg/kg	CPBTAL 13,882,65

SLO-GRO see: UR5950000
S-LON see: KV0350000
SLO-PHYLLIN see: XH3850000
SLOSUL see: WP0400000
SLOVASOL A see: MD0880000
SLOVASOL S see: MD0875000
SLOW-FE see: NO8500000
SLOW-K see: TS8050000
SLOWTEN see: XI7350000
SLS see: WT1050000
SLUDGE ACID (DOT) see: AR2310000
SLUG-TOX see: XF9900000
S 75M see: FJ5950000
SM 200 see: KV0350000
SMA see: AG1400000
SMCA see: AG1400000
SMD 3500 see: WL6475000
SMDC see: FC2100000
SMEDOLIN see: TI5695400
SMEESANA see: YT9275000
S. MELEAGRIS VENOM see: YX4181960
SMIDAN see: TE2275000

VX6580000 SMILAX GLAUCOPHYLLA Klotz., extract
DEF:Indian plant belonging to the family LILIACEAE (IJEBA6 6,232,68)
UPDT:8305

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1000 mg/kg	IJEBA6 6,232,68

VX6580500 SMILAX PARVIFLORA Wall., extract
DEF:Indian plant belonging to the family LILIACEAE (IJEBA6 16,228,78)
UPDT:8412

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:1 gm/kg	IJEBA6 16,228,78

VX6581000 SMILAX RIGIDA Wall., extract excluding roots
DEF:Indian plant belonging to the family LILIACEAE (IJEBA6 12,512,74)
UPDT:8305

TOXICITY DATA AND REFERENCES:

2H30M10	ipr-mus LD50:80 mg/kg	IJEBA6 12,512,74

VX6582000 SMILAX ZEYLANICA Linn., extract excluding roots
DEF:Indian plant belonging to the family LILIACEAE (IJEBA6 7,250 [illegible])
UPDT:8305
SYN: RAM DATAON EXTRACT

TOXICITY DATA AND REFERENCES:

1H30	ipr-mus LD50:1000 mg/kg	IJEBA6 7,250,69

SMITE see: VY8050000

VX6605000 SMITHIA SENSITIVA Ait., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 12,512,74)
UPDT:8302
SYN: KAVALI EXTRACT

TOXICITY DATA AND REFERENCES:

1M10	ipr-mus LD50:30 mg/kg	IJEBA6 12,512,74

VX6615000 SMOKE CONDENSATE, CIGARETTE
UPDT:8408
SYN: CIGARETTE SMOKE CONDENSATE * CSC * TOBACCO SMOKE CONDENSATE * TOBACCO TAR

MUTATION DATA AND REFERENCES:

	mma-sat ! mg/plate	CALEDQ 3,1,77
	mmo-esc 10 gm/L	MUREAV 130,97,84
	mma-esc 10 gm/L	MUREAV 130,97,84
	mmo-nsc 1 gm/L	ENMUDM 1,117,79
	mma-nsc 2500 mg/L	ENMUDM 1,117,79
	mmo-smc 1 cigarette/mL	CHDDAT 282,1141,76
	mrc-smc 1 cigarette/mL	CHDDAT 282,1141,76
	dni-hmn:fbr 10 mg/L	LIFSAK 17,767,75
	bfa-hmn/sat 44 cigarettes/D	PNASA6 74,3555,77
	sce-hmn-ihl 10 cigarettes/D	HEREAY 88,147,78
	sce-hmn:lym 10 mg/L	CRNGDP 4,227,83
	spm-rat-ihl 8 mg/m3/6W	EXPEAM 24,511,68
	otr-mus:emb 4 mg/L	CNREA8 35,357,75
	dns-mus:fbr 14 pph	EXPEAM 31,109,75
	dns-mus:oth 14 pph	EXPEAM 31,109,75
	oms-mus-skn 100 uL	CBINA8 4,155,72
	dni-mus:emb 1 ng/L	LIFSAK 17,767,75
	oms-mus-skn 100 uL	CBINA8 4,155,72
	otr-ham:emb 5 mg/L	DTESD7 8,259,80
	dns-ham:oth 1 mg/L	EVSRBT 27,277,83
	sce-ham:ovr 10 mg/L	CRNGDP 4,227,83

TUMORIGENIC DATA AND REFERENCES:

3V02D09J60	ihl-rat TCLo:360 gm/kg/2Y-I	JJIND8 64,383,80
2V03V10	scu-rat TDLo:160 mg/kg/64W-I	ARZNAD 18,814,68
2V01R60	skn-mus TDLo:374 gm/kg/2Y-I	TXCYAC 23,177,82
3V02T65N60	ipr-ham TDLo:150 mg/kg (10-14D preg)	JCROD7 94,249,79
2V03R60	skn-mus TD :326 gm/kg/68W-I	NATUAS 194,1089,62
2V02R60	skn-mus TD :1450 gm/kg/26W-I	CNREA8 28,2363,68
2V01R60	skn-mus TD :499 gm/kg/2Y-I	TXCYAC 23,177,82
2V01R60	skn-mus TD :624 gm/kg/2Y-I	TXCYAC 23,177,82
3V02R60V10	skn-mus TD :656 mg/kg/82W-I	JNCIAM 47,235,71
3V01R60V10	skn-mus TD :408 gm/kg/2Y-I	BJCAAI 38,250,78
3V03R60V10	skn-mus TD :168 gm/kg/56W-I	BJCAAI 21,56,67
3V03R60V10	skn-mus TD :336 gm/kg/56W-I	BJCAAI 21,56,67
2V03R60	skn-mus TD :282 gm/kg/47W-I	PEXTAR 26,128,83
1V02	skn-mus TD :656 gm/kg/82W-I	JNCIAM 47,235,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JOGBAS 73,742,66
STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 31, 1979
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VX6615600 SMOKE CONDENSATE, OPIUM
UPDT:8303
SYN: OPIUM SMOKE CONDENSATE
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/kg IAPUDO 27,179,80
SMOP see: WP0400000
SMP see: WP0175000
SMP see: WP0400000
SMP2 see: WP0175000
S MUSTARD see: WQ0900000
SMUT-GO see: DA2975000
SN see: TJ7350000
SN1 see: YX4182060
SN2 see: YX4182070
SN 20 see: AT6978000
SN 25 see: AT6978000

VX7500000 Sn 42
UPDT:8403 CAS: 73928-66-2
SYN: Sn 42 STABILIZER
TOXICITY DATA AND REFERENCES:
1L30 orl-rat LD50:2300 mg/kg CEHYAN 25,22,80
1L30 orl-mus LD50:1800 mg/kg CEHYAN 25,22,80
SN 46 see: SK6650000
S.N. 112 see: WP1925000
S. N. 166 see: LZ8100000
SN 186 see: UA9120000
SN 203 see: TU4154083

VX7550000 Sn 207
UPDT:8403 CAS: 73667-02-4
SYN: Sn 207 STABILIZER
TOXICITY DATA AND REFERENCES:
1L30 orl-rat LD50:1850 mg/kg CEHYAN 25,22,80
1L30 orl-mus LD50:1400 mg/kg CEHYAN 25,22,80

VX7560000 Sn 251
UPDT:8403 CAS: 73928-65-1
SYN: STABILIZER Sn 251 (Czech)
TOXICITY DATA AND REFERENCES:
1L30 orl-rat LD50:2900 mg/kg CEHYAN 25,22,80
1L30 orl-mus LD50:2600 mg/kg CEHYAN 25,22,80
SN 390 see: AR7875000
S. N. 390 see: AR7875000
SN654 see: RW7750000
SN 4075 see: FD9050000
SN-4395 see: VC3543500
SN 5,870 see: VC4022500
SN 6718 see: VB2360000
SN 7618 see: VB2360000
SN 7,618 see: VB2450000
SN 12,837 see: DU1750000
SN 13,272 see: VA9650000
SN 34615 see: FB8050000
SN 36056 see: FC2800000
SN 36268 see: LQ4375000
SN 38107 see: FD0425000
SN-38584 see: FD9050000
SN-41703 see: EZ8870000
SN 49537 see: YU1395000
SN 66752 see: EZ8860000
SN 20A see: AT6978000

VX8125000 SNAKEROOT OIL CANADIAN
UPDT:8305 CAS: 8016-69-1
SYN: WILD GINGER OIL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4480 mg/kg FCTXAV 16,869,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
SNAPPING HAZEL see: MG8325000
SN 6771 DIHYDROCHLORIDE see: EC1210000
SNEEZING GAS see: CG9900000
SNIECIOTOX see: DA2975000
SNIP see: EZ9084000
SNIP FLY see: EZ9084000
SNIP FLY BANDS see: EZ9084000
SNK see: AT6970000
SNOMELT see: EV9800000
SNOW ALGIN H see: AZ5820000
SNOW ALGIN L see: AZ5820000
SNOW ALGIN M see: AZ5820000
SNOWGOOSE see: WW2710000
SNOWIT see: VV7330000
SNOW TEX see: BD1450000
SNOW TEX see: GF1670500
SNOW WHITE see: ZH4810000
SNP see: TF4550000
SNP 2 see: AT6978000
SN 20P see: AT6978000
Sn 42 STABILIZER see: VX7500000
Sn 207 STABILIZER see: VX7550000
S-NYL-P 42 see: AK0920000
SO see: OF7525000
SO 95 see: TR0400000
SO 120 see: TR0400000
SO 140 see: TR0400000
SOAMIN see: CF9625000
SOAPSTONE see: VV8780000
SOBELIN see: GF2625000
SOBENATE see: DH6650000
SOBIC ALDEHYDE see: WG1925000
SOBIODOPA see: AY5600000
SOBITAL see: WN0525000
SOBREPIN see: FI2000000
dl-trans-SOBREROL see: FI2000000
trans-SOBREROL, dl- see: FI2000000
dl-SOBREROLO (Italian) see: FI2000000
SOBRIL see: DF1400000
SOCAREX see: TQ3325000
SODA ASH see: VZ4050000
SODA CHLORATE see: FO0525000
SODA CHLORATE (DOT) see: FO0525000

VX9650000 SODA LIME, (solid)
UPDT:8308 CAS: 8006-28-8
SYN: SODA LIME SOLID (DOT) * UN 1907 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
SODA LIME SOLID (DOT) see: VX9650000
SODA LYE see: WB4900000
SODAMIDE see: VY2775000
SODA MINT see: VZ0950000
SODANIT see: CG3675000
SODA NITER see: WC5600000
SODANTOIN see: MU1050000
SODANTON see: MU1050000
SODANTON see: MU1400000
SODA PHOSPHATE see: WC4500000
SODAR see: PA2275000
SODASCORBATE see: CI7671000
SODESTRIN-H see: GL1224000
SODIO (CLORATO DI) (Italian) see: FO0525000
SODIO (DICROMATO DI) (Italian) see: HX7700000
SODIO, FLUORACETATO DI (Italian) see: AH9100000
SODIO(IDROSSIDO DI) (Italian) see: WB4900000
SODIO (PERCLORATO DI) (Italian) see: SC9800000
SODIO(TRICLOROACETATO DI) (Italian) see: AJ9100000
SODITAL see: CQ6125000

VY0686000 SODIUM
UPDT:8408 CAS: 7440-23-5 MW: 22.99 MOLFM: Na
SYN: NATRIUM * SODIUM METAL (DOT) * SODIUM, METALLIC (DOT) * SODIUM, METAL DISPERSION IN ORGANIC SOLVENT (DOT) * UN 1428 (DOT) * UN 1429 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983

VY0688000 SODIUM, (liquid alloy)
UPDT:8404 CAS: 7440-23-5 MW: 22.99 MOLFM: Na
SYN: NA 1421 (DOT) * SODIUM, METAL LIQUID ALLOY (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
SODIUM 3-ACETAMIDO-2,4,6-TRIIODOBENZOATE see: DG0888000
SODIUM ACETARSONE see: CF8750000
SODIUM ACETATE see: AJ4375000
SODIUM ACETAZOLAMIDE see: AC8400000
SODIUM, ((3-(alpha-ACETONYLBENZYL)-2-OXO-2H-1-BENZOPYRAN-4-YL)OXY)- see: GN4725000
SODIUM ACETRIZOATE see: DG0888000
SODIUM p-ACETYLAMINOPHENYLANTIMONATE see: DA8800000
SODIUM 3-ACETYLAMINO-2,4,6-TRIIODOBENZOATE see: DG0888000
SODIUM ACETYLARSANILATE see: CF8820000
SODIUM ACETYL ARSANILATE see: CF8925000
SODIUM ACID ARSENATE see: CG0875000
SODIUM ACID ARSENATE, HEPTAHYDRATE see: CG0900000
SODIUM ACID CARBONATE see: VZ0950000
SODIUM ACID METHANEARSONATE see: PA2625000
SODIUM ACID PHOSPHATE see: WA1900000
SODIUM ACID SULFATE see: VZ1860000
SODIUM ACID SULFATE, solid (DOT) see: VZ1860000
SODIUM ACID SULFATE, solution (DOT) see: VZ1860000
SODIUM ACID SULFITE see: VZ2000000
SODIUM ADENOSINE TRIPHOSPHATE see: AU7460000
SODIUM ADENOSINE-5'-TRIPHOSPHATE see: AU7460000
SODIUM ALBAMYCIN see: RD5425000
SODIUM ALGINATE see: AZ5820000
SODIUM 3-(3-ALLYL-5-CUPROISOTHIOUREIDO)BENZOATE see: DG0970000
SODIUM 3-(3-ALLYL-5-CUPROPSEUDOTHIOUREIDO)BENZOATE see: DG0970000
SODIUM 5-ALLYL-5-(1-METHYLBUTYL)BARBITURATE see: CP9800000
SODIUM ALUMINATE, solution (DOT) see: BD1600000
SODIUM ALUMINATE, SOLID (DOT) see: BD1600000
SODIUM ALUMINOFLUORIDE see: WA9625000
SODIUM ALUMINUM FLUORIDE see: WA9625000
SODIUM ALUMINUM HYDRIDE see: BD0180000
SODIUM ALUMINUM HYDRIDE (DOT) see: BD0180000
SODIUM ALUMINUM OXIDE see: BD1600000
SODIUM ALUMINUM TETRAHYDRIDE see: BD0180000

VY2622000 SODIUM AMALGAM
UPDT:8312
SYN: SODIUM AMALGAM (DOT) * UN 1424 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:DANGEROUS WHEN WET CFRGBR 49,172.102,83
SODIUM AMALGAM (DOT) see: VY2622000
SODIUM AMAZOLENE see: QJ6300000

VY2775000 SODIUM AMIDE
UPDT:8404 CAS: 7782-92-5 MW: 39.02 MOLFM: H2-N-Na
SYN: SODIUM AMIDE (DOT) * SODAMIDE * UN 1425 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
SODIUM AMIDE (DOT) see: VY2775000
SODIUM AMIDOTRIZOATE see: DG6125000
SODIUM AMINARSONATE see: CF9625000
SODIUM p-AMINOBENZENEARSONATE see: CF9625000
SODIUM p-AMINOBENZENESTIBONATE GLUCOSIDE see: QP7050000
SODIUM p-AMINOBENZOATE-N-L-RHAMNOSIDE see: DG5850000
SODIUM D-(-)-alpha-AMINOBENZYLPENICILLIN see: XH8400000
SODIUM AMINOPHENOL ARSONATE see: CF9625000
SODIUM p-AMINOPHENYLARSONATE see: CF9625000
SODIUM p-AMINOPHENYLARSONATE TETRAHYDRATE see: CF9630000
SODIUM p-AMINOSALICYLATE see: VO1700000
SODIUM 7-(2-(2-AMINO-4-THIAZOLYL)-2-METHOXYIMINOACETAMIDO)CEPHALOSPORANATE see: XI0250000

SODIUM AMIPICILLIN see: XH8400000
SODIUM AMMONIUM VANADATE (DOT) see: YW1100000
SODIUM AMOBARBITAL see: CQ5250000
SODIUM AMYLOBARBITONE see: CQ5250000
SODIUM AMYTAL see: CQ5250000
SODIUM-ANALINE ARSONATE see: CF9625000
SODIUM ANAYTOL see: CQ5250000
SODIUM ANAZOLENE see: QJ6300000
SODIUM ANILARSONATE see: CF9625000
SODIUM p-ANILINOSTIBONATE see: CY1205000
SODIUM ANTIMONATE see: CC3065000
SODIUM ANTIMONY see: CC3065000
SODIUM ANTIMONY BIS(PYROCATECHOL-2,4-DISULFONATE) see: CC2850000
SODIUM ANTIMONY (III) BIS-PYROCATECHOL-3,5-DISULFONATE HEPTAHYDRATE see: CC2850000
SODIUM ANTIMONY(III)-3-CATECHOL THIOSALICYLATE see: VY5775000
SODIUM ANTIMONY-2,3-meso-DIMERCAPTOSUCCINATE see: JO6150000
SODIUM ANTIMONY GLUCONATE see: CC7900000
SODIUM ANTIMONY (III) GLUCONATE see: CC7900000
SODIUM ANTIMONY (V) GLUCONATE see: CC7930000

VY5075000 SODIUM ANTIMONYL ADONITOL
UPDT:7901
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:21 mg(Sb)/kg — AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

VY5250000 SODIUM ANTIMONYL D-ARABITOL
UPDT:7901
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:20 mg(Sb)/kg — AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

VY5425000 SODIUM ANTIMONYL BISCATECHOL
UPDT:7901
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:19 mg(Sb)/kg — AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

VY5600000 SODIUM ANTIMONYL tert-BUTYL CATECHOL
UPDT:7901
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:25 mg(Sb)/kg — AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

VY5775000 SODIUM ANTIMONYL CATECHOL THIOSALICYLATE
UPDT:7901
SYN: SODIUM ANTIMONY(III)-3-CATECHOL THIOSALICYLATE * STIBSOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:24 mg(Sb)/kg — AJTMAQ 25,263,45
ivn-mus LD50:56 mg/kg — JPETAB 81,224,44
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

VY5950000 SODIUM ANTIMONYL CITRATE
UPDT:7901
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:18 mg(Sb)/kg — AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

SODIUM ANTIMONYL DIMETHYLCYSTEINE TARTRATE see: CC7875000

VY6125000 SODIUM ANTIMONYL ERYTHRITOL
UPDT:7901
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:34 mg(Sb)/kg — AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

VY6300000 SODIUM ANTIMONYL D-FUNCITOL
UPDT:7901
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:46 mg(Sb)/kg — AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

VY6475000 SODIUM ANTIMONYL GLUCO-GULOHEPTITOL
UPDT:7901
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:35 mg(Sb)/kg — AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

VY6650000 SODIUM ANTIMONYL GLYCEROL
UPDT:7901
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:20 mg(Sb)/kg — AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

VY6700000 SODIUM ANTIMONYL D-MANNITOL
UPDT:7901
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:17 mg(Sb)/kg — AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

VY6825000 SODIUM ANTIMONYL 2,5-METHYLENE D-MANNITOL
UPDT:7901
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:44 mg(Sb)/kg — AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

VY7000000 SODIUM ANTIMONYL 2,4-METHYLENE D-SORBITOL
UPDT:7901
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:32 mg(Sb)/kg — AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

SODIUM ANTIMONYL TARTRATE see: CC8050000

VY7175000 SODIUM ANTIMONYL XYLITOL
UPDT:7901
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:33 mg(Sb)/kg — AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 — DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 — NTIS**

SODIUM ANTIMONY TARTRATE see: CC8050000
SODIUM ANTIMONY(V) TARTRATE see: CC8075000
SODIUM ANTIMOSAN see: CC2850000
SODIUM ARACHIDONATE see: JX3874000
SODIUM ARSANILATE see: CF9625000
SODIUM p-ARSANILATE see: CF9625000
SODIUM ARSANILATE (DOT) see: CF9625000
SODIUM ARSANILATE TETRAHYDRATE see: CF9630000
SODIUM ARSENATE see: CG0875000
SODIUM ARSENATE see: CG1200000
SODIUM ARSENATE see: CG1225000
SODIUM ARSENATE, DIBASIC see: CG0875000
SODIUM ARSENATE DIBASIC, ANHYDROUS see: CG0875000
SODIUM ARSENATE, DIBASIC, HEPTAHYDRATE see: CG0900000
SODIUM ARSENATE (DOT) see: CG1225000
SODIUM ARSENATE HEPTAHYDRATE see: CG0900000
SODIUM ARSENIATE see: CG0900000
SODIUM ARSENITE see: CG3400000
SODIUM ARSENITE see: CG3675000
SODIUM ARSENITE, liquid (solution) (DOT) see: CG3675000
SODIUM ARSENITE, SOLID (DOT) see: CG3675000
SODIUM ARSENOBENZENE see: CG4210000
SODIUM ARSONILATE see: CF9625000
SODIUM ASCORBATE see: CI7671000
SODIUM L-ASCORBATE see: CI7671000
SODIUM ATP see: AU7417000
SODIUM ATP see: AU7460000

VY8050000 SODIUM AZIDE
UPDT:8412 CAS: 26628-22-8 MW: 65.02 MOLFM: N3-Na
SYN: AZIDE * AZIUM * AZOTURE DE SODIUM (French) * KAZOE * NATRIUMAZID (German) * NATRIUMMAZIDE (Dutch) * NCI-C06462 * NSC 3072 * RCRA WASTE NUMBER P105 * SMITE * SODIUM AZIDE (DOT) * SODIUM, AZOTURE DE (French) * SODIUM, AZOTURO DI (Italian) * U-3886 * UN 1687 (DOT)
MUTATION DATA AND REFERENCES:
mmo-sat 20 nmol/plate — MUREAV 62,221,79
mma-sat 1 ug/plate — PNASA6 72,5135,75
mmo-esc 150 nmol/L — ENMUDM 3,11,81
dnr-esc 5 gm/L — MUREAV 119,135,83
mmo-omi 600 ppm — POASAD 34,114,53
dlt-oin-orl 100 mg/L — EXPEAM 37,824,81
trn-oin-orl 100 mg/L — EXPEAM 37,824,81
dni-hmn:fbr 50 mg/L — STBIBN 78,165,80
msc-rat:lvr 1 mmol/L — MUREAV 77,293,80
msc-mus:lym 500 mg/L/2H — MUREAV 59,61,79
dnr-ham:lng 1 mmol/L — MUREAV 55,165,78
msc-ham:lng 1 mmol/L — MUREAV 77,293,80
TUMORIGENIC DATA AND REFERENCES:
3V03N60R60 orl-rat TDLo:2730 mg/kg/78W-C — JJIND8 67,75,81
3V03N60R60 orl-rat TD :5460 mg/kg/78W-C — JJIND8 67,75,81
TOXICITY DATA AND REFERENCES:
3F01F07M30 orl-hmn TDLo:710 ug/kg — JCPAAK 28,350,75
* orl-rat LD50:27 mg/kg — FMCHA2 -,C21,83
ipr-rat LDLo:30 mg/kg — PHRPA6 58,607,43
scu-rat LDLo:35 mg/kg — PHRPA6 58,607,43
orl-mus LD50:27 mg/kg — CLDND*
ipr-mus LD50:18 mg/kg — JIHTAB 30,98,48

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

	ivn-mus LD50:19 mg/kg	CLDND*
	unk-mus LD50:27 mg/kg	BJCAAI 6,160,52
	ivn-mky LDLo:12 mg/kg	BRAIAK 95,505,72
*	skn-rbt LD50:20 mg/kg	FMCHA2 -,C21,83

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: FNSCA6 2,67,73

★	TLV-CL 300 ug/m3	DTLVS* 4,368,80

STANDARDS & REGULATIONS:

★	DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172.101,82

STATUS:

NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984

★ NIOSH CURRENT INTELLIGENCE BULLETIN 13, 1976

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1083-0494

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SODIUM AZIDE (DOT) see: VY8050000

SODIUM AZO-alpha-NAPHTHOLSULFANILATE see: DB7085000

SODIUM AZO-alpha-NAPHTHOLSULPHANILATE see: DB7085000

SODIUM, AZOTURE DE (French) see: VY8050000

SODIUM, AZOTURO DI (Italian) see: VY8050000

SODIUM BARBAMYL see: CQ5250000

SODIUM BARBIMIL see: CQ5250000

SODIUM BARBITAL see: CQ3850000

SODIUM BARBITONE see: CQ3850000

SODIUM 1,2 BENZISOTHIAZOLIN-3-ONE-1,1-DIOXIDE see: DE4550000

SODIUM BENZOATE see: DH6650000

SODIUM BENZOATE and CAFFEINE see: EV6640000

SODIUM BENZOIC ACID see: DH6650000

SODIUM o-BENZOSULFIMIDE see: DE4550000

SODIUM BENZOSULPHIMIDE see: DE4550000

SODIUM o-BENZOSULPHIMIDE see: DE4550000

SODIUM 2-BENZOSULPHIMIDE see: DE4550000

SODIUM BENZYLPENICILLIN see: XH9800000

SODIUM BENZYLPENICILLINATE see: XH9800000

SODIUM BENZYLPENICILLIN G see: XH9800000

VZ0580000 SODIUM BERYLLIUM MALATE

UPDT:7901 CAS: 63915-76-4 MW: 502.30 MOLFM: C8-H6-Be4-Na2-O12 .7H2-O

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:36 ug/kg	BJEPA5 30,375,49

REVIEW AND REFERENCES:

★	TLV-TWA 2 ug(Be)/m3	DTLVS* 4,43,80

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 2 ug/m3;CL 5 ug/m3;Pk 25 ug/m3/30M/8H	FEREAC 39,23540,74
★	CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M	NTIS**

VZ0600000 SODIUM BERYLLIUM TARTRATE

UPDT:8307 CAS: 63915-77-5 MW: 570.34 MOLFM: C8-H4-Be4-Na2-O13 .10H2-O

TOXICITY DATA AND REFERENCES:

	scu-mus LDLo:5 mg/kg	BJEPA5 30,375,49
	ivn-mus LDLo:32 ug/kg	BJEPA5 30,375,49

REVIEW AND REFERENCES:

★	TLV-TWA 2 ug(Be)/m3	DTLVS* 4,43,80

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 2 ug/m3;CL 5 ug/m3;Pk 25 ug/m3/30M/8H	FEREAC 39,23540,74
★	CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BERYLLIUM recm std-air:CL 0.5 ug/m3/130M	NTIS**

SODIUM BIBORATE see: VZ2275000

SODIUM BIBORATE DECAHYDRATE see: VZ2275000

VZ0950000 SODIUM BICARBONATE (1:1)

UPDT:8306 CAS: 144-55-8 MW: 84.01 MOLFM: C-H-O3 .Na

SYN: BAKING SODA * BICARBONATE of SODA * CARBONIC ACID MONOSODIUM SALT * COL-EVAC * JUSONIN * MONOSODIUM CARBONATE * NEUT * SODA MINT * SODIUM ACID CARBONATE * SODIUM HYDROGEN CARBONATE

IRRITATION DATA AND REFERENCES:

	skn-hmn 30 mg/3D-I MLD	85DKA8 -,127,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T59	ipr-mus TDLo:40 mg/kg (7D preg)	POASAD 56,10,76

TOXICITY DATA AND REFERENCES:

3J30M10U05	orl-inf TDLo:1260 mg/kg	AJDCAI 135,965,81
	orl-rat LD50:4220 mg/kg	TXAPA9 6,726,64

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: JRPMAP 12(1),27,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SODIUM BICHROMATE see: HX7700000

SODIUM BIFLUORIDE, solid (DOT) see: WB0350010

SODIUM BIFLUORIDE, solution (DOT) see: WB0350010

SODIUM BINOTAL see: XH8400000

SODIUM 2-BIPHENYLOLATE see: DV7700000

SODIUM (1,1'-BIPHENYL)-2-OLATE see: DV7700000

SODIUM, (2-BIPHENYLYLOXY)- see: DV7700000

SODIUM BIPHOSPHATE see: WA1900000

SODIUM BIPHOSPHATE ANHYDROUS see: WA1900000

SODIUM BIS(2-ETHYLHEXYL) SULFOSUCCINATE see: WN0525000

SODIUM BISPROPYLACETATE see: YV7876000

VZ1860000 SODIUM BISULFATE

UPDT:8310 CAS: 7681-38-1 MW: 120.06 MOLFM: H-O4-S .Na

SYN: GBS * NITRE CAKE * SODIUM ACID SULFATE * SODIUM ACID SULFATE, solid (DOT) * SODIUM ACID SULFATE, solution (DOT) * SODIUM BISULFATE, FUSED * SODIUM BISULFATE, SOLID (DOT) * SODIUM BISULFATE, solution (DOT) * SODIUM HYDROGEN SULFATE, SOLID (DOT) * SODIUM HYDROGEN SULFATE, solution (DOT) * SODIUM PYROSULFATE * SULFURIC ACID, MONOSODIUM SALT * UN 1821 (DOT) * UN 2837 (DOT)

MUTATION DATA AND REFERENCES:

	mmo-omi 1000 ppm	POASAD 34,114,53

STANDARDS & REGULATIONS:

★	DOT-HAZARD:ORM-B; LABEL:NONE, solid	CFRGBR 49 172.101,82
★	DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solution	CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SODIUM BISULFATE, solution (DOT) see: VZ1860000

SODIUM BISULFATE, FUSED see: VZ1860000

SODIUM BISULFATE, SOLID (DOT) see: VZ1860000

SODIUM BISULFIDE see: WE1900000

SODIUM BISULFITE see: VZ2000000

VZ2000000 SODIUM BISULFITE (1:1)

UPDT:8411 CAS: 7631-90-5 MW: 104.06 MOLFM: H-O3-S .Na

SYN: BISULFITE DE SODIUM (French) * HYDROGEN SULFITE SODIUM * NA 2693 (DOT) * SODIUM ACID SULFITE * SODIUM BISULFITE * SODIUM BISULFITE, (solid) * SODIUM BISULFITE, SOLID (DOT) * SODIUM BISULFITE, solution (DOT) * SODIUM BISULPHITE * SODIUM HYDROGEN SULFITE * SODIUM HYDROGEN SULFITE, SOLID (DOT) * SODIUM HYDROGEN SULFITE, solution (DOT) * SODIUM SULHYDRATE * SULFUROUS ACID, MONOSODIUM SALT

MUTATION DATA AND REFERENCES:

	mmo-sat 500 mmol/L	LBWTAP 13,219,80
	mmo-esc 1 mol/L	BBRCA9 39,983,70
	mmo-hmi 200 mmol/L	ABMPAC 17,115,80
	mmo-omi 3 mol/L	BBRCA9 39,156,70
	mmo-omi 180 mmol/L	GENTAE 68,603,71
	dnd-omi 3 mol/L	BBRCA9 39,156,70
	dnd-omi 3 mol/L/96H-C	NARHAD 8,4777,80
	mmo-smc 3500 umol/L	JBCHA3 252,2551,77
	dnd-smc 3200 mmol/L	JBCHA3 252,2566,77
	slt-nml:oth 4 mol/L	PNASA6 79,1388,82
	otr-ham:emb 10 mmol/L	CALEDQ 12,203,81

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2000 mg/kg	DTLVS* 4,369,80
	ipr-rat LD50:650 mg/kg	CLPTAT 9,328,68
	ivn-rat LD50:115 mg/kg	JPETAB 101,101,51
	ipr-mus LD50:675 mg/kg	CLPTAT 9,328,68
	ivn-mus LD50:130 mg/kg	JPETAB 101,101,51
	ipr-dog LD50:244 mg/kg	CLPTAT 9,328,68
	ipr-rbt LD50:300 mg/kg	CLPTAT 9,328,68
	ivn-rbt LD50:65 mg/kg	JPETAB 101,101,51
*	ipr-gpg LD50:779 mg/kg	TXAPA9 44,251,78
	ivn-ham LD50:95 mg/kg	JPETAB 101,101,51
	ipr-ham LD50:487 mg/kg	CEHYAN 22,64,77

REVIEW AND REFERENCES:

★	TLV-TWA 5 mg/m3	DTLVS* 4,369,80

STANDARDS & REGULATIONS:

★	DOT-HAZARD:ORM-B; LABEL:NONE, solid	CFRGBR 49,172.101,82
★	DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE	CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

SODIUM BISULFITE, (solid) see: VZ2000000

SODIUM BISULFITE, solution (DOT) see: VZ2000000

SODIUM BISULFITE, SOLID (DOT) see: VZ2000000

SODIUM BISULPHITE see: VZ2000000

SODIUM BLUE VRS see: BP6830000

VZ2240000 SODIUM BORATE

UPDT:8205 MW: 201.22 MOLFM: B4-O7 .2Na

SYN: SODIUM BORATE ANHYDROUS

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T02T03	orl-rat TDLo:16750 ug/kg (30D male)	EVHPAZ 13,59,76

REVIEW AND REFERENCES:

★	TLV-TWA 1 mg/m3	DTLVS* 4,46,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VZ2275000 SODIUM BORATE

UPDT:8403 CAS: 1303-96-4 MW: 381.42 MOLFM: B4-O7 .2Na .10H2-O

SYN: ANTIPYONIN * BORASCU * BORAX * BORAX DECAHYDRATE * BORICIN * GERTLEY BORATE * JAIKIN * NEOBOR * POLYBOR * SODIUM BIBORATE * SODIUM BIBORATE DECAHYDRATE * SODIUM BORATE DECAHYDRATE * SODIUM PYROBORATE * SODIUM PYROBORATE DECAHYDRATE * SODIUM TETRABORATE * SODIUM TETRABORATE DECAHYDRATE

MUTATION DATA AND REFERENCES:

	slt-dmg-orl 714 ppm	SOGEBZ 10,601,74
	cyt-dmg-orl 714 ppm	SOGEBZ 10,601,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:70 gm/kg (90D male)	TXAPA9 23,351,72
1T12	orl-rat TDLo:70 gm/kg (90D pre)	TXAPA9 23,351,72
1T76	orl-rat TDLo:37 gm/kg (MGN)	TXAPA9 23,351,72
1T02	orl-dog TDLo:70 gm/kg (26W male)	TXAPA9 23,351,72

TOXICITY DATA AND REFERENCES:

	orl-inf LDLo:1000 mg/kg	PCOC** -,144,66
	orl-man LDLo:709 mg/kg	JAMAAP 76,378,21
*	orl-rat LD50:2660 mg/kg	FMCHA2 -,C35,83
*	orl-mus LD50:2000 mg/kg	14KTAK -,693,64
3F05F12F23	ipr-mus LD50:2711 mg/kg	AIPTAK 143,144,63
*	ivn-mus LD50:1320 mg/kg	14KTAK -,693,64
	orl-dog LDLo:3 gm/kg	HBAMAK 4,1289,35
	scu-rbt LDLo:150 mg/kg	HBAMAK 4,1289,35
*	orl-gpg LD50:5330 mg/kg	14KTAK -,693,64

REVIEW AND REFERENCES:

★	TLV-TWA 5 mg/m3	DTLVS* 4,46,80

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SODIUM BORATE ANHYDROUS see: VZ2240000

SODIUM BORATE DECAHYDRATE see: VZ2275000

SODIUM BOROHYDRIDE see: ED3325000

SODIUM BOROHYDRIDE (DOT) see: ED3325000

SODIUM BROMATE see: EF8750000

SODIUM BROMATE (DOT) see: EF8750000

SODIUM BROMEBRATE see: AS4800000

VZ3150000 SODIUM BROMIDE

UPDT:8408 CAS: 7647-15-6 MW: 102.90 MOLFM: Br-Na

SYN: BROMIDE SALT of SODIUM * SEDONEURAL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T21T75T76	orl-rat TDLo:47520 mg/kg (90D male/90D pre)	FCTOD7 21,383,83
1T76	orl-rat TDLo:3600 mg/kg (3-20D preg)	JPETAB 82,215,44
1T85	orl-rat TDLo:720 mg/kg (3-20D preg)	JOPSAM 19,17,45
1T02	orl-rat TDLo:1620 mg/kg (90D male)	FCTOD7 21,383,83
1T12	orl-rat TDLo:338 mg/kg (90D pre)	TXCYAC 2,257,74

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:3500 mg/kg	JPETAB 55,200,35
	orl-mus LD50:7000 mg/kg	SMWOAS 85,305,55
	scu-mus LD50:5020 mg/kg	JPMSAE 50,858,61
	orl-rbt LDLo:580 mg/kg	27ZIAQ -,243,73

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0478-0125

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SODIUM (m-BROMO-alpha-(p-BROMOANILINO)BENZYL)PHOSPHINATE compd. with p-BROMOANILINE see: SZ4425100

SODIUM (p-BROMO-alpha-(p-BROMOANILINO)BENZYL)PHOSPHINATE compd. with p-BROMOANILINE see: SZ4425200

SODIUM BUTANOATE see: ET6400000

SODIUM BUTAZOLIDINE see: UQ8300000
SODIUM 3-BUTYRAMIDO-*alpha*-ETHYL-2,4,6-TRIIODOCINNAMATE see: GD8430000
SODIUM BUTYRATE see: ET6400000
SODIUM n-BUTYRATE see: ET6400000
SODIUM CACODYLATE see: CH7700000
SODIUM CACODYLATE (DOT) see: CH7700000
SODIUM CAPRYL SULFATE see: WT1175000
SODIUM CARBENICILLIN see: ON9105000
SODIUM CARBOLATE see: SM8780000
SODIUM CARBONATE see: SD9920000

VZ4050000 SODIUM CARBONATE (2:1)
UPDT:8409 CAS: 497-19-8 MW: 105.99 MOLFM: C-O3 .2Na
SYN: CARBONIC ACID, DISODIUM SALT * CRYSTOL CARBONATE * SODA ASH * DISODIUM CARBONATE * TRONA

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,8,72
eye-rbt 100 mg/24H SEV 28ZPAK -,8,72

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 iut-mus TDLo:84800 ng/kg (4D preg) JRPFA4 63,365,81

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:4000 mg/kg CNJMAQ 12,216,48
2J22K30 ihl-rat LC50:2300 mg/m3/2H ENVRAL 31,138,83
2J22K30 ihl-mus LC50:1200 mg/m3/2H ENVRAL 31,138,83
ipr-mus LD50:117 mg/kg COREAF 257,791,63
2J22K30 ihl-gpg LC50:800 mg/m3/2H ENVRAL 31,138,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SODIUM CARBOXMETHYLCELLULOSE see: FJ5950000
SODIUM CARBOXYL METHYL CELLULOSE see: FJ5950000
SODIUM CARBOXYMETHYL CELLULOSE see: FJ5950000
SODIUM CASEINATE see: FI3540000
SODIUM CEFACETRIL see: XI0370000
SODIUM CEFAPIRIN see: XI0382000
SODIUM CEFAZOLIN see: XI0390000
SODIUM CELLULOSE GLYCOLATE see: FJ5950000
SODIUM CEPHACETRILE see: XI0370000
SODIUM CEPHALOTHIN see: XI0383000
SODIUM CEPHALOTIN see: XI0383000
SODIUM CEPHAPIRIN see: XI0382000
SODIUM CEPHAZOLIN see: XI0390000
SODIUM CETYL SULFATE see: MM0225700
SODIUM CEZ see: XI0390000
SODIUM CHLORATE see: FO0525000
SODIUM CHLORATE (DOT) see: FO0525000
SODIUM CHLORATE, aqueous solution (DOT) see: FO0525000
SODIUM(CHLORATE DE) (French) see: FO0525000

VZ4725000 SODIUM CHLORIDE
UPDT:8412 CAS: 7647-14-5 MW: 58.44 MOLFM: Cl-Na
SYN: COMMON SALT * DENDRITIS * EXTRA FINE 200 SALT * EXTRA FINE 325 SALT * HALITE * H.G. BLENDING * NATRIUMCHLORID (German) * PUREX * ROCK SALT * SALINE * SALT * SEA SALT * STERLING * TABLE SALT * TOP FLAKE * USP SODIUM CHLORIDE * WHITE CRYSTAL

IRRITATION DATA AND REFERENCES:
skn-rbt 50 mg/24H MLD BIOFX* 20-3/71
skn-rbt 500 mg/24H MLD 28ZPAK -,7,72
eye-rbt 100 mg MLD BIOFX* 20-3/71
eye-rbt 100 mg/24H SEV 28ZPAK -,7,72

MUTATION DATA AND REFERENCES:
cyt-ham:lng 7500 mg/L GMCRDC 27,95,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T27 ipc-wmn TDLo:27 mg/kg (15W preg) AJOGAH 118,218,74
1T91 orl-rat TDLo:145 gm/kg (7D pre/1-22D preg) JCINAO 41,710,62
3T34T35T46 ipr-rat TDLo:1710 mg/kg (13D preg) SEIJBO 8,197,68
1T85 ipr-rat TDLo:10 gm/kg (17-20D preg) PYRTAZ 12,127,63
1T12 par-rat TDLo:10 mg/kg (1D pre) JPPMAB 22,668,70
1T24 iut-rat TDLo:500 mg/kg (4D preg) BIREBV 21,47,79
1T25 iut-rat TDLo:50 mg/kg (6D preg) BIREBV 23,553,80
1T35 scu-mus TDLo:1900 mg/kg (11D preg) ACATA5 74,121,69
1T46 scu-mus TDLo:1900 mg/kg (10D preg) ACATA5 74,121,69
1T34 scu-mus TDLo:2500 mg/kg (10D preg) ACATA5 74,121,69
1T27 scu-mus TDLo:13440 mg/kg (2-6D preg) HLTPAO 33,624,77
1T27 iut-mky TDLo:6 gm/kg (18W preg) IJEBA6 12,372,74

TOXICITY DATA AND REFERENCES:
1H01 orl-hmn TDLo:12357 mg/kg/23D-C AJDDAL 21,180,54
orl-rat LD50:3000 mg/kg TXAPA9 20,57,71
scu-rat LDLo:3500 mg/kg ENDOAO 24,523,39
orl-mus LD50:4000 mg/kg FRPPAO 27,19,72
ipr-mus LD50:2602 mg/kg COREAF 256,1043,63
scu-mus LD50:3150 mg/kg RPTOAN 33,266,70
ivn-mus LD50:645 mg/kg ARZNAD 7,445,57
icv-mus LD50:131 mg/kg TYKNAQ 27,131,80
ipr-dog LDLo:364 mg/kg AVERAG 44,555,37
ivn-dog LDLo:2 gm/kg AEXPBL 21,119,1886
orl-rbt LDLo:8 gm/kg HBAMAK 4,1289,35
ivn-rbt LDLo:1100 mg/kg AEXPBL 21,119,1886
scu-gpg LDLo:2160 mg/kg HBAMAK 4,1289,35
ivn-gpg LDLo:2910 mg/kg JPETAB 6,595,15

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VZ4800000 SODIUM CHLORITE
UPDT:8406 CAS: 7758-19-2 MW: 90.44 MOLFM: Cl-Na-O2
SYN: SODIUM CHLORITE (DOT) * TEXTILE * UN 1496 (DOT)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:800 mg/kg (8-15D preg) EVHPAZ 46,25,82
1T25 orl-rat TDLo:16 gm/kg (8-15D preg) EVHPAZ 46,25,82
1T01 orl-rat TDLo:560 mg/kg (56D male) TOXID9 48,81,84
1T25 ipr-rat TDLo:160 mg/kg (8-15D preg) EVHPAZ 46,25,82
1T34 ipr-rat TDLo:80 mg/kg (8-15D preg) EVHPAZ 46,25,82
1T81 orl-mus TDLo:22 gm/kg (1-21D preg/28D post) BECTA6 25,689,80

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:350 mg/kg GISAAA 45(4),6,80
* orl-mus LD50:350 mg/kg GISAAA 45(4),6,80
* orl-gpg LD50:300 mg/kg GISAAA 45(4),6,80

STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SODIUM CHLORITE (DOT) see: VZ4800000

VZ4808000 SODIUM CHLORITE, not more than 42% (DOT)
UPDT:8312 CAS: 7758-19-2 MW: 90.44 MOLFM: Cl-Na-O2
SYN: SODIUM CHLORITE, solution containing more than 5% available chlorine (DOT) * UN 1908 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SODIUM CHLORITE, solution containing more than 5% available chlorine (DOT) see: VZ4808000
SODIUM CHLOROACETATE see: AG1400000
SODIUM CHLOROACETATE (DOT) see: AG1400000
SODIUM cis-beta-CHLOROACRYLATE see: AS6475000
SODIUM cis-3-CHLOROACRYLATE see: AS6475000
SODIUM 5-(4-CHLOROBENZOYL)-1,4-DIMETHYL-1H-PYRROLE-2-ACETATE DIHYDRATE see: UX9277000
SODIUM (4-CHLORO-2-METHYLPHENOXY)ACETATE see: AG2625000
SODIUM 4-CHLOROPHENOXYACETATE see: AG0580000
SODIUM CHLOROPLATINATE see: TP1750000
SODIUM 2-CHLOROPROPIONATE see: UE9620000
SODIUM CHOLATE see: FZ9600000
SODIUM CHOLIC ACID see: FZ9600000
SODIUM CHONDROITIN POLYSULFATE see: GA8410000
SODIUM CHONDROITIN SULFATE see: GA8410000
SODIUM CHROMATE see: GB2955000
SODIUM CHROMATE see: HX7700000
SODIUM CHROMATE(VI) see: GB2955000
SODIUM CHROMATE DECAHYDRATE see: GB2957000
SODIUM CHROMATE (DOT) see: GB2955000
SODIUM CITRATE see: GE7950000
SODIUM CLOXACILLIN MONOHYDRATE see: XH8920000
SODIUM CMC see: FJ5950000
SODIUM CM-CELLULOSE see: FJ5950000
SODIUM COBALTINITRITE see: GF9480000
SODIUM COLISTIMETHATE see: GH1650000
SODIUM COLISTINEMETHANESULFONATE see: GH1650000
SODIUM COLISTIN METHANESULFONATE see: GH1650000
SODIUM COUMADIN see: GN4725000
SODIUM CUMENEAZO-beta-NAPHTHOL DISULPHONATE see: QJ6650000
SODIUM CUMENEAZO-beta-NAPHTHOL DISULFONATE see: QJ6650000
SODIUM CUPROCYANIDE, SOLID (DOT) see: GS2169400
SODIUM CUPROCYANIDE SOLUTION (DOT) see: GS2169400
SODIUM CYANATE see: GS7000000

VZ7525000 SODIUM CYANIDE
UPDT:8411 CAS: 143-33-9 MW: 49.01 MOLFM: C-N-Na
SYN: CIANURO DI SODIO (Italian) * CYANIDE of SODIUM * CYANOBRIK * CYANOGRAN * CYANURE DE SODIUM (French) * CYMAG * HYDROCYANIC ACID, SODIUM SALT * KYANID SODNY (Czech) * RCRA WASTE NUMBER P106 * SODIUM CYANIDE, SOLID (DOT) * SODIUM CYANIDE, solution (DOT) * UN 1689 (DOT)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T46T47 imp-ham TDLo:5999 mg/kg (6-9D preg) TXAPA9 64,456,82
2T25T41 imp-ham TDLo:5928 mg/kg (6-9D preg) TXAPA9 64,456,82

TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:2857 ug/kg 34ZIAG -,191,69
unk-man LDLo:2206 ug/kg 85DCAI 2,73,70
orl-rat LD50:6440 ug/kg 28ZPAK -,13,72
* ipr-rat LD50:4300 ug/kg GISAAA 43(12),90,78
* ipr-mus LD50:5881 ug/kg TXAPA9 15,505,69
scu-mus LDLo:10 mg/kg AEPPAE 166,437,32
scu-dog LDLo:6 mg/kg JAMAAP 100,1920,33
ivn-dog LDLo:1300 ug/kg FEPRA7 6,349,47
scu-rbt LDLo:2200 ug/kg JAMAAP 100,1920,33
* ims-rbt LD50:1666 ug/kg JACTDZ 1(3),120,82
* ocu-rbt LD50:5048 ug/kg JACTDZ 1(3),120,82
scu-gpg LD50:5800 ug/kg MELAAD 46,221,55
par-frg LDLo:60 mg/kg AEPPAE 166,437,32
orl-dom LD50:4 mg/kg TXAPA9 45,359,78

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: GVOGAV 47,383,78
★ TLV-TWA 5 mg/m3 (skin) DTLVS* 4,109,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(CN)/m3 (skin) (SCP-R) FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON, solid CFRGBR 49,172.101,82
★ DOT-HAZARD:POISON B; LABEL:POISON, solution CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CYANIDE SALTS recm std-air:CL 5 mg(CN)/m3/10M NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SODIUM CYANIDE, solution (DOT) see: VZ7525000
SODIUM CYANIDE, SOLID (DOT) see: VZ7525000
SODIUM 7-(2-CYANOACETAMIDO)CEPHALOSPORANIC ACID see: XI0370000
SODIUM CYANURATE see: XZ1912000
SODIUM CYCLAMATE see: GV7350000
SODIUM CYCLOHEXANESULFAMATE see: GV7350000
SODIUM CYCLOHEXANESULPHAMATE see: GV7350000
SODIUM 5-(1-CYCLOHEXEN-1-YL)-1,5-DIMETHYLBARBITURATE see: CQ2800000
SODIUM CYCLOHEXYL AMIDOSULPHATE see: GV7350000
SODIUM CYCLOHEXYL SULFAMATE see: GV7350000
SODIUM CYCLOHEXYL SULPHAMATE see: GV7350000
SODIUM CYCLOHEXYLSULPHAMIDATE see: GV7350000
SODIUM 2,4-D see: AG8925000
SODIUM DALAPON see: UF1225000
SODIUM 2,4-D mixt. with DALAPON see: UA2459100
SODIUM DECYL SULFATE see: WS7625000
SODIUM DEDT see: EZ6475000
SODIUM DEHYDROACETATE see: UP8225000
SODIUM DEHYDROACETIC ACID see: UP8225000
SODIUM DEHYDROCHOLATE see: FZ2500000
SODIUM DEHYDROEPIANDROSTERONE SULFATE see: BV8397400 ANDROST-5-EN-17-ONE, 3-beta-HYDROXY-,ESTER with SODIUM SULFATE
SODIUM DEOXYCHOLATE see: FZ2250000
SODIUM DEOXYCHOLIC ACID see: FZ2250000
SODIUM DESOXYCHOLATE see: FZ2250000
SODIUM DEXAMETHASONE PHOSPHATE see: TU4056000
SODIUM 3,5-DIACETAMIDO-2,4,6-TRIIODOBENZOATE see: DG6125000
SODIUM DIACETYLDIAMINETRIIODOBENZOATE see: DG6125000
SODIUM DIATRIZOATE see: DG6125000
SODIUM 1,2:5,6-DIBENZANTHRACENE-9,10-ENDO-*alpha*,beta-SUCCINATE see: KJ4660000
SODIUM 2,6-DI-tert-BUTYLNAPHTHALENESULFONATE see: QK1445000

SODIUM DICHLORISOCYANURATE see: XZ1900000
SODIUM DICHLOROACETATE see: AG9275000
SODIUM (o-(2,6-DICHLOROANILINO)PHENYL)ACETATE see: AG6330000
SODIUM DICHLOROCYANURATE see: XZ1900000
SODIUM alpha,beta-DICHLOROISOBUTYRATE see: UF0950000
SODIUM 2,3-DICHLOROISOBUTYRATE see: UF0950000
SODIUM DICHLOROISOCYANURATE see: XZ1900000
SODIUM 2,3-DICHLORO-2-METHYLPROPIONATE see: UF0950000
SODIUM (o-(2,4-DICHLORO-1-NAPHTHYLAMINO)PHENYL)ACETATE see: AG6645000
SODIUM 2,4-DICHLOROPHENOXYACETATE see: AG8925000
SODIUM 2-(2,4-DICHLOROPHENOXY)ETHYL SULFATE see: KK4900000
SODIUM 2,4-DICHLOROPHENOXYETHYL SULPHATE see: KK4900000
SODIUM (o-((2,6-DICHLOROPHENYL)AMINO)PHENYL)ACETATE see: AG6330000
SODIUM 2,4-DICHLOROPHENYL CELLOSOLVE SULFATE see: KK4900000
SODIUM alpha,alpha-DICHLOROPROPIONATE see: UF1225000
SODIUM 2,2-DICHLOROPROPIONATE see: UF1225000
1-SODIUM-3,5-DICHLORO-s-TRIAZINE-2,4,6-TRIONE see: XZ1900000
1-SODIUM-3,5-DICHLORO-1,3,5-TRIAZINE-2,4,6-TRIONE see: XZ1900000
SODIUM DICHROMATE see: HX7700000
SODIUM DICHROMATE(VI) see: HX7700000
SODIUM(DICHROMATE DE) (French) see: HX7700000
SODIUM DICHROMATE DIHYDRATE see: HX7750000
SODIUM DICHROMATE (DOT) see: HX7700000
SODIUM DICLOXACILLIN see: XH8925000
SODIUM DICLOXACILLIN MONOHYDRATE see: XH8925000
SODIUM DIETHYLBARBITURATE see: CQ3850000
SODIUM 5,5-DIETHYLBARBITURATE see: CQ3850000
SODIUM DIETHYLDITHIOCARBAMATE see: EZ6475000
SODIUM N,N-DIETHYLDITHIOCARBAMIC ACID see: EZ6475000
SODIUM DI-(2-ETHYLHEXYL) SULFOSUCCINATE see: WN0525000
SODIUM 5,12-DIHYDROAZAPENTACENE DISULFONATE see: VD3655000
SODIUM DIHYDROGEN CITRATE see: GE7950000

WA1900000 SODIUM DIHYDROGEN PHOSPHATE (1:2:1)

UPDT:8305 CAS: 7558-80-7 MW: 119.98 MOLFM: H2-O4-P Na
SYN: MONOSODIUM DIHYDROGEN PHOSPHATE * MONOSODIUM PHOSPHATE * MONOSORB XP-4 * SODIUM ACID PHOSPHATE * SODIUM BIPHOSPHATE * SODIUM BIPHOSPHATE ANHYDROUS * SODIUM PHOSPHATE, MONOBASIC

TOXICITY DATA AND REFERENCES:
ims-rat LD50:250 mg/kg EMSUAB 4,223,46

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SODIUM 2,5-DIHYDROXYBENZOATE see: LY3860000
SODIUM N-(3,5-DIIODOBENZENESULFONYL)-SULFANILATE see: WP3898800
SODIUM 2,5-DIIODOBENZOATE see: DG8597800
SODIUM DIIODOMETHANESULFONATE see: PB1960000 METHANESULFONIC ACID, DIIODO-, SODIUM SALT
SODIUM N-3,5-DIIODOSULFANILYLSULFANILATE see: WP3898900
SODIUM DIMETHIODAL see: PB1960000 METHANESULFONIC ACID, DIIODO-, SODIUM SALT
SODIUM p-(DIMETHYLAMINO)BENZENEDIAZOSULFONATE see: CZ1750000
SODIUM 4-(DIMETHYLAMINO)BENZENEDIAZOSULFONATE see: CZ1750000
SODIUM p-(DIMETHYLAMINO)BENZENEDIAZOSULPHONATE see: CZ1750000
SODIUM 4-(DIMETHYLAMINO)BENZENEDIAZOSULPHONATE see: CZ1750000
SODIUM 3-(DIMETHYLAMINOMETHYLENEAMINO)-2,4,6-TRIIODOHYDROCINNAMATE see: MW5200000
SODIUM (4-(DIMETHYLAMINO)PHENYL)DIAZENESULFONATE see: CZ1750000
SODIUM DIMETHYLARSINATE see: CH7700000
SODIUM DIMETHYLARSINIC ACID TRIHYDRATE see: CH7890000
SODIUM DIMETHYLARSONATE see: CH7700000
SODIUM DIMETHYLBENZENESULFONATE see: ZE5100000
SODIUM N,N-DIMETHYLDITHIOCARBAMATE see: FD3500000
SODIUM 4-(2,4-DINITROANILINO)DIPHENYLAMINE-2-SULFONATE see: DB5042500
SODIUM DINITRO-o-CRESOLATE, dry or containing less than 15% water (DOT) see: GP1049000
SODIUM DINITRO-o-CRESOLATE, wetted with at least 10% water (DOT) see: GP1049300
SODIUM DINITRO-o-CRESOLATE, wetted with at least 15% water (DOT) see: GP1049300
SODIUM DINITRO-o-CRESYLATE see: GP1049000
SODIUM DIOCTYL SULFOSUCCINATE see: WN0525000
SODIUM DIOCTYL SULPHOSUCCINATE see: WN0525000
SODIUM DIOXIDE see: WD3450000
SODIUM DIPHENYL-4,4'-BIS-AZO-2'-8'-AMINO-1'-NAPHTHOL-3',6'-DISULPHONATE see: QJ6400000
SODIUM DIPHENYLDIAZO-BIS(alpha-NAPHTHYLAMINESULFONATE) see: QK1400000
SODIUM DIPHENYLHYDANTOIN see: MU1400000
SODIUM DIPHENYL HYDANTOINATE see: MU1400000
SODIUM 5,5-DIPHENYLHYDANTOINATE see: MU1400000
SODIUM 5,5-DIPHENYL-2,4-IMIDAZOLIDINEDIONE see: MU1400000
SODIUM 3,5-DIPROPIONAMIDO-2,4,6-TRIIODOBENZOATE see: DH9300000
SODIUM DIPROPYLACETATE see: YV7876000
SODIUM alpha,alpha-DIPROPYLACETATE see: YV7876000
SODIUM n-DIPROPYLACETATE see: YV7876000
SODIUM DIPROTRIZOATE see: DH9300000
SODIUM DISILICATE see: VV9275100
SODIUM DITHIONITE see: JP2100000
SODIUM DITHIONITE (DOT) see: JP2100000
SODIUM DITOLYLDISAZOBIS-8-AMINO-1-NAPHTHOL-3,6-DISULFONATE see: QJ6475000
SODIUM DITOLYLDISAZOBIS-8-AMINO-1-NAPHTHOL-3,6-DISULPHONATE see: QJ6475000
SODIUM DODECYLBENZENESULFONATE see: DB6825000
SODIUM DODECYLBENZENESULFONATE, dry see: DB6825000
SODIUM DODECYLSULFATE see: WT1050000
SODIUM EDETATE see: AH5075000
SODIUM EDTA see: AH5075000
SODIUM ELKOSIN see: WO9280000
SODIUM EOSINATE see: LM5850000
SODIUM EOSINE see: LM5850000
SODIUM ESTRONE SULFATE see: KG8775000
SODIUM ESTRONE-3-SULFATE see: KG8775000
SODIUM ETASULFATE see: MP0700000
SODIUM ETHAMINAL see: CQ6125000
SODIUM ETHANETHIOATE see: AJ7565000
SODIUM ETHASULFATE see: MP0700000
SODIUM ETHYLBARBITAL see: CQ3850000
SODIUM ETHYLENEDIAMINETETRAACETATE see: AH5075000
SODIUM ETHYLENEDIAMINETETRAACETIC ACID see: AH5075000
SODIUM 4-ETHYL-1-(3-ETHYLPENTYL)-1-OCTYL SULFATE see: YD4550000
SODIUM(2-ETHYLHEXYL)ALCOHOL SULFATE see: MP0700000
SODIUM 5-ETHYL-5-HEXYLBARBITURATE see: CQ4900000
SODIUM 2-ETHYLHEXYL SULFATE see: MP0700000
SODIUM 2-ETHYLHEXYLSULFOSUCCINATE see: WN0525000
SODIUM ETHYLISOAMYLBARBITURATE see: CQ5250000
SODIUM ETHYLMERCURIC THIOSALICYLATE see: OV8400000
SODIUM p-((ETHYLMERCURI)THIO)BENZENESULFONATE see: OW3780000
SODIUM o-(ETHYLMERCURITHIO)BENZOATE see: OV8400000
SODIUM ETHYLMERCURITHIOSALICYLATE see: OV8400000
SODIUM 5-ETHYL-5-(1-METHYLBUTYL)BARBITURATE see: CQ6125000
SODIUM 5-ETHYL-5-(1-METHYLBUTYL)-2-THIOBARBITURATE see: CQ6475000
SODIUM 7-ETHYL-2-METHYL-4-UNDECANOL SULFATE see: YQ2800000
SODIUM 7-ETHYL-2-METHYLUNDECYL-4-SULFATE see: YQ2800000
SODIUM 5-ETHYL-5-PHENYLBARBITURATE see: CQ7000000
SODIUM EVIPAL see: CQ2800000
SODIUM EVIPAN see: CQ2800000
SODIUM FEREDETATE see: AH4900000
SODIUM FERRIC EDTA see: AH4900000
SODIUM FLUCLOXACILLIN see: XH8680000
SODIUM FLUOACETATE see: AH9100000
SODIUM FLUOACETIC ACID see: AH9100000

WA9625000 SODIUM FLUOALUMINATE

UPDT:8412 CAS: 15096-52-3 MW: 209.95 MOLFM: Al-F6 3Na
SYN: ALUMINUM SODIUM FLUORIDE * CRYOLITE * ENT 24,984 * KOYOSIDE * KRYOCIDE * KRYOLITH (German) * NATRIUMALUMINIUMFLUORID (German) * NATRIUMHEXAFLUOROALUMINATE (German) * SODIUM ALUMINOFLUORIDE * SODIUM ALUMINUM FLUORIDE * SODIUM HEXAFLUOROALUMINATE * VILLIAUMITE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:200 mg/kg AFDOAQ 15,122,51
orl-rbt LDLo:9 gm/kg JIHTAB 30,92,48

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IECHAD 26,791,34
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
★ TLV-TWA 2 mg([illegible])/m3 DTLVS* 4,13,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2500 ug(F)/m3 (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SODIUM FLUORACETATE see: AH9100000
SODIUM FLUORESCEIN see: LM5425000
SODIUM FLUORESCEINATE see: LM5425000

WB0350000 SODIUM FLUORIDE

UPDT:8412 CAS: 7681-49-4 MW: 41.99 MOLFM: F-Na
SYN: ALCOA SODIUM FLUORIDE * ANTIBULIT * CAVI-TROL * CHEMIFLUOR * CREDO * DISODIUM DIFLUORIDE * FDA 0101 * F1-TABS * FLORIDINE * FLOROCID * FLOZENGES * FLUORAL * FLUORIDENT * FLUORIDE, SODIUM * FLUORID SODNY (Czech) * FLUORIGARD * FLUORINEED * FLUORINSE * FLUORITAB * FLUOROCID * FLUOR-O-KOTE * FLUOROL * FLUORURE DE SODIUM (French) * FLURA * FLURA DROPS * FLURA-GEL * FLURA-LOZ * FLURCARE * FLURSOL * FUNGOL B * GEL II * GELUTION * GLEEM * IRADICAV * KARIDIUM * KARIGEL * KARI-RINSE * LEA-COV * LEMOFLUR * LURIDE * LURIDE LOZI-TABS * LURIDE-SF * NAFEEN * NaFPAK * Na FRINSE * NATRIUM FLUORIDE * NCI-C55221 * NUFLUOR * OSSALIN * OSSIN * PEDIAFLOR * PEDIDENT * PENNWHITE * PERGANTENE * PHOS-FLUR * POINT TWO * PREDENT * RAFLUOR * RESCUE SQUAD * ROACH SALT * SODIUM FLUORIDE CYCLIC DIMER * SODIUM FLUORIDE, SOLID (DOT) * SODIUM FLUORIDE, solution (DOT) * SODIUM FLUORURE (French) * SODIUM HYDROFLUORIDE * SODIUM MONOFLUORIDE * SO-FLO * STAY-FLO * STUDAFLUOR * SUPER-DENT * T-FLUORIDE * THERA-FLUR * THERA-FLUR-N * TRISODIUM TRIFLUORIDE * UN 1690 (DOT) * VILLIAUMITE

IRRITATION DATA AND REFERENCES:
eye-rbt 20 mg/24H SEV 28ZPAK -,20,72

MUTATION DATA AND REFERENCES:
dnr-bcs 86 mg/L WATRAG 14,1613,80
sln-dmg-orl 5 pph/24H FLUOA4 6,113,73
sln-dmg-mul 60 ug/L GNAMAP 15,36,76
cyt-nml:lng 300 umol/L HKXUDL 3,94,83
sce-nml:lng 3 mmol/L HKXUDL 3,94,83
dns-hmn:fbr 100 mg/L MUREAV 139,193,84
cyt-hmn:fbr 20 mg/L MUREAV 139,193,84
cyt-mus-orl 1 ppm/3W-C FLUOA4 15,110,82
cyt-mus:oth 200 mg/L AEHLAU 29,230,74
otr-ham:emb 75 mg/L CNREA8 44,938,84
dns-ham:emb 10 mg/L CNREA8 44,938,84
cyt-ham:emb 50 mg/L CNREA8 44,938,84
sce-ham:emb 80 mg/L CNREA8 44,938,84
cyt-dom:oth 25 mg/L AEHLAU 29,230,74
cyt-ctl:oth 10 mg/L AEHLAU 29,230,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:221 mg/kg (1-20D preg) JONUAI 101,525,71
1T46 orl-rat TDLo:240 mg/kg (11-14D preg) NIPOAC 73,1900,69
2T31T35 ipr-rat TDLo:9 mg/kg (10-18D preg) AOBIAR 17,371,72
2T31T35 scu-rat TDLo:90 mg/kg (10-18D preg) AOBIAR 17,371,72
2T22T71 orl-mus TDLo:1240 mg/kg (8W male/8W pre-5D post) JONUAI 103,1319,73
1T29 orl-mus TDLo:620 mg/kg (MGN) JONUAI 103,1319,73
1T44 orl-mus TDLo:5600 ug/kg (14D post) 32XPAD -,83,75

TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-mus TDLo:14 mg/kg/43W-C IARC** 27,237,82
2V03R60 orl-mus TD :140 mg/kg/43W-C IARC** 27,237,82
2V03R60 orl-mus TD :4200 mg/kg/30W-C IARC** 27,237,82
2V03R60 orl-mus TD :2190 mg/kg/2Y-C IARC** 27,237,82
2V03R60 orl-mus TD :4217 mg/kg/30W-C IARC** 27,237,82
2V03R60 orl-mus TD :4242 mg/kg/30W-C IARC** 27,237,82
2V03R60 orl-mus TD :4368 mg/kg/30W-C IARC** 27,237,82
2V03R60 orl-mus TD :87 gm/kg/97W-C IARC** 27,237,82

TOXICITY DATA AND REFERENCES:
3F11Q01Q30 orl-hmn LDLo:71 mg/kg 85ESA3 9,1114,76
orl-hmn LDLo:75 mg/kg PCOC** -,1033,66
* unk-man LDLo:75 mg/kg FMCHA2 -,C217,83
* orl-rat LD50:64 mg/kg SHGKA3 80,1519,80
ipr-rat LD50:22 mg/kg XEURAQ UR-154,1951
scu-rat LDLo:125 mg/kg JPETAB 39,246,30
3K30L30M30 ivn-rat LD50:12 mg/kg IARC** 27,237,82
* orl-mus LD50:57 mg/kg SHGKA3 80,1519,80
skn-mus LDLo:300 mg/kg AEPPAE 183,427,36
3K30L30M30 ipr-mus LD50:17 mg/kg IARC** 27,237,82
scu-mus LDLo:40 mg/kg AEPPAE 183,427,36
3K30L30M30 ivn-mus LD50:23 mg/kg IARC** 27,237,82
orl-dog LDLo:75 mg/kg 27ZWAY 7,-,38
ipr-dog LDLo:50 mg/kg XEURAQ UR-154,1951
scu-dog LDLo:155 mg/kg HBAMAK 4,1349,35
ivn-dog LDLo:80 mg/kg 27ZWAY 7,-,38
ims-dog LDLo:40 mg/kg 27ZWAY 7,-,38
scu-cat LDLo:14 mg/kg HBAMAK 4,1349,35
orl-rbt LDLo:100 mg/kg PSEBAA 139,1007,72
ipr-rbt LDLo:250 mg/kg 14CYAT 2,835,63
scu-rbt LDLo:100 mg/kg HBAMAK 4,1349,35

scu-gpg LDLo:100 mg/kg HBAMAK 4,1349,35
scu-frg LDLo:448 mg/kg CRSBAW 124,133,37
3F07K12U01 orl-dom LD50:100 mg/kg NEZTAF 30,199,82

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADVPA3 4,263,66; AMSSAQ 400,5,63; FNSCA6 2,67,73; IMSUAI 19,535,50
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 27,237,82
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2500 ug(F)/m3 (SCP-W) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-B; LABEL:NONE, solid CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solution CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7902 and 7903
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WB0350010 SODIUM FLUORIDE
UPDT:8308 CAS: 1333-83-1 MW: 62.00 MOLFM: F2-H-Na
SYN: SODIUM BIFLUORIDE, solid (DOT) * SODIUM BIFLUORIDE, solution (DOT) * SODIUM HYDROGEN DIFLUORIDE * SODIUM HYDROGEN FLUORIDE * UN 2439 (DOT)

REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solid CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solution CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SODIUM FLUORIDE CYCLIC DIMER see: WB0350000
SODIUM FLUORIDE, solution (DOT) see: WB0350000
SODIUM FLUORIDE, SOLID (DOT) see: WB0350000
SODIUM FLUOROACETATE see: AH9100000
SODIUM FLUOROACETATE DE (French) see: AH9100000
SODIUM FLUOROACETATE (DOT) see: AH9100000
SODIUM FLUOROPHOSPHATE (Na2PO3F) see: TE6130000
SODIUM FLUOROSILICATE see: VV8410000
SODIUM FLUORURE (French) see: WB0350000
SODIUM FLUOSILICATE see: VV8410000
SODIUM FORMALDEHYDE SULFOXYLATE see: PB0380000
SODIUM FOSFOMYCIN see: SZ7902000
SODIUM FUSIDATE see: LV5775000
SODIUM FUSIDIN see: LV5775000
SODIUM-GENT see: LY3860000
SODIUM GENTISATE see: LY3860000
SODIUM GLUCOSULFONE see: LZ8100000
SODIUM GLUTAMATE see: MA1575000
L(+) SODIUM GLUTAMATE see: MA1575000
SODIUM L-GLUTAMATE see: MA1575000
SODIUM GLYCOLATE CELLULOSE see: FJ5950000
SODIUM GMP see: MF9290000
SODIUM GUANOSINE 5'-MONOPHOSPHATE see: MF9290000
SODIUM GUANYLATE see: MF9290000
SODIUM 5'-GUANYLATE see: MF9290000
SODIUM GYNOCARDATE see: GY6440000 2-CYCLOPENTENE-1-UNDECANOIC ACID, SODIUM SALT, (+)-
SODIUM HEPARIN see: MI0700000
SODIUM HEXABARBITAL see: CQ2800000

WB2650000 SODIUM HEXACYANOFERRATE(II), DECAHYDRATE
UPDT:8307 CAS: 58-05-9 MW: 484.07 MOLFM: C6-Fe-N6-Na4 10H2-O
SYN: CF * NATRIUM HEXACYANOFERRAT DECAHYDRAT (German)

TOXICITY DATA AND REFERENCES:
orl-mus LD50:2150 mg/kg ARZNAD 17,748,67

SODIUM HEXADECYL SULFATE see: MM0225700
SODIUM HEXAFLUOROALUMINATE see: WA9625000

WB2775000 SODIUM HEXAFLUOROARSENATE
UPDT:7901 CAS: 12005-86-6 MW: 211.91 MOLFM: As-F6 Na

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#00127

REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 FEREAC 43,19584,78
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M NTIS**

SODIUM HEXAFLUOROSILICATE see: VV8410000
SODIUM HEXAFLUOSILICATE see: VV8410000
SODIUM HEXAMETAPHOSPHATE see: OY3675000
SODIUM HEXANITROCOBALTATE see: GF9480000
SODIUM HEXETHAL see: CQ4900000
SODIUM HEXOBARBITAL see: CQ2800000
SODIUM HEXOBARBITONE see: CQ2800000
SODIUM N-HEXYLETHYL BARBITURATE see: CQ4900000
SODIUM HUMATE see: MT6550000
SODIUM HYDNOCARPATE see: GY6440000 2-CYCLOPENTENE-1-UNDECANOIC ACID, SODIUM SALT, (+)-
SODIUM HYDRATE see: WB4900000
SODIUM HYDRATE (DOT) see: WB4900000

WB3910000 SODIUM HYDRIDE
UPDT:8404 CAS: 7646-69-7 MW: 24.00 MOLFM: H-Na
SYN: NAH 80 * SODIUM HYDRIDE (DOT) * UN 1427 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SODIUM HYDRIDE (DOT) see: WB3910000
SODIUM HYDROCORTISONE SUCCINATE see: GM9015000
SODIUM HYDROCORTISONE 21-SUCCINATE see: GM9015000
SODIUM HYDROFLUORIDE see: WB0350000
SODIUM HYDROGEN S-(2-AMINOETHYL)PHOSPHOROTHIOATE see: TE6483500
SODIUM HYDROGEN S-(2-AMINOETHYL)PHOSPHOROTHIOIC ACID see: TE6483500
SODIUM HYDROGEN-S-(3-AMINO-2-HYDROXYPROPYL) PHOSPHOROTHIOATE see: TE6487000
SODIUM HYDROGEN CARBONATE see: VZ0950000
SODIUM HYDROGEN DIFLUORIDE see: WB0350010
SODIUM HYDROGEN FLUORIDE see: WB0350010
SODIUM HYDROGEN PHOSPHATE see: WC4500000
SODIUM HYDROGEN SULFATE, solution (DOT) see: VZ1860000
SODIUM HYDROGEN SULFATE, SOLID (DOT) see: VZ1860000
SODIUM HYDROGEN SULFIDE see: WE1900000
SODIUM HYDROGEN SULFITE see: VZ2000000
SODIUM HYDROGEN SULFITE, solution (DOT) see: VZ2000000
SODIUM HYDROGEN SULFITE, SOLID (DOT) see: VZ2000000
SODIUM HYDROGEN TRILACTATOZIRCONYLATE see: ZH9050000
SODIUM HYDROSULFIDE see: WE1900000
SODIUM HYDROSULFIDE, SOLUTION (DOT) see: WE1900000
SODIUM HYDROSULFITE see: JP2100000
SODIUM HYDROSULFITE (DOT) see: JP2100000
SODIUM HYDROSULPHIDE, with less than 25% water of crystallization (DOT) see: WE1900000
SODIUM HYDROSULPHIDE, with not less than 25% water of crystallization (DOT) see: WE1911000
SODIUM HYDROSULPHIDE, SOLID (DOT) see: WE1900000
SODIUM HYDROSULPHITE see: JP2100000

WB4900000 SODIUM HYDROXIDE
UPDT:8407 CAS: 1310-73-2 MW: 40.00 MOLFM: H-Na-O
SYN: CAUSTIC SODA * CAUSTIC SODA, BEAD (DOT) * CAUSTIC SODA, DRY (DOT) * CAUSTIC SODA FLAKE (DOT) * CAUSTIC SODA, GRANULAR (DOT) * CAUSTIC SODA, liquid (DOT) * CAUSTIC SODA, SOLID (DOT) * CAUSTIC SODA, solution (DOT) * HYDROXYDE DE SODIUM (French) * LEWIS-RED DEVIL LYE * LYE * LYE (DOT) * NATRIUMHYDROXID (German) * NATRIUMHYDROXYDE (Dutch) * SODA LYE * SODIO(IDROSSIDO DI) (Italian) * SODIUM HYDRATE * SODIUM HYDRATE (DOT) * SODIUM HYDROXIDE, BEAD (DOT) * SODIUM HYDROXIDE, DRY (DOT) * SODIUM HYDROXIDE, FLAKE (DOT) * SODIUM HYDROXIDE, GRANULAR (DOT) * SODIUM HYDROXIDE, liquid (DOT) * SODIUM HYDROXIDE, SOLID (DOT) * SODIUM HYDROXIDE, solution (DOT) * SODIUM(HYDROXYDE DE) (French) * UN 1823 (DOT) * UN 1824 (DOT) * WHITE CAUSTIC

IRRITATION DATA AND REFERENCES:
eye-mky 1%/24H SEV TXAPA9 6,701,64
skn-rbt 50 mg/24H SEV 28ZPAK -,7,72
eye-rbt 4 gm MLD OYYAA2 26,627,83
eye-rbt 1% SEV AJOPAA 29,1363,46
eye-rbt 50 ug/24H SEV 28ZPAK -,7,72
eye-rbt 1 mg/24H SEV TXAPA9 6,701,64

MUTATION DATA AND REFERENCES:
cyt-grh-par 20 mg NULSAK 9,119,66

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:40 mg/kg COREAF 257,791,63
* orl-rbt LDLo:500 mg/kg AEPPAE 184,587,37

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARTODN 39,299,78
★ TLV-CL 2 mg/m3 DTLVS* 4,370,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg/m3 (SCP-W) FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solid CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solution CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO SODIUM HYDROXIDE recm std-air:CL 2 mg/m3/15M NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7401
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

SODIUM HYDROXIDE, liquid (DOT) see: WB4900000
SODIUM HYDROXIDE, solution (DOT) see: WB4900000
SODIUM HYDROXIDE, BEAD (DOT) see: WB4900000
SODIUM HYDROXIDE, DRY (DOT) see: WB4900000
SODIUM HYDROXIDE, FLAKE (DOT) see: WB4900000
SODIUM HYDROXIDE, GRANULAR (DOT) see: WB4900000
SODIUM HYDROXIDE, SOLID (DOT) see: WB4900000
SODIUM o-HYDROXYBENZOATE see: VO5075000
SODIUM gamma-HYDROXYBUTYRATE see: ET4750000
SODIUM(HYDROXYDE DE) (French) see: WB4900000
SODIUM 2-HYDROXYDIPHENYL see: DV7700000
SODIUM 1-HYDROXYETHANESULFONATE see: AB3045000
SODIUM o-HYDROXYMERCURIBENZOATE see: OV8100000
SODIUM p-HYDROXYMERCURIBENZOATE see: OV8150000
SODIUM HYDROXYMETHANESULFINATE see: PB0380000
SODIUM 3-beta-HYDROXY-11-OXO-12-OLEANEN-30-OATE SODIUM SUCCINATE see: RK0250000
SODIUM p-HYDROXYPHENYLARSONATE see: CY5500000
SODIUM-4-HYDROXYPHENYLARSONATE see: CY5500000
SODIUM HYPOCHLORITE see: NH3486300
SODIUM HYPOCHLORITE (DOT) see: NH3486300
SODIUM IBUPROFEN see: MU6641000
SODIUM IMINODIACETATE MONOHYDRATE see: AI3000000
SODIUM INDIGOTINDISULFONATE see: DU3000000
SODIUM 5,5'-INDIGOTIDISULFONATE see: DU3000000
SODIUM INOSINATE see: NM7519500
SODIUM 5'-INOSINATE see: NM7519500
SODIUM INOSITOLHEXAPHOSPHATE HYDRATE see: NM7535250
SODIUM IODATE see: NN1400000

WB6475000 SODIUM IODIDE
UPDT:8408 CAS: 7681-82-5 MW: 149.89 MOLFM: I-Na
SYN: ANAYODIN * IODURIL * JODID SODNY * NATRIUMJODID (German) * SODIUM IODINE * SODIUM MONOIODIDE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,21,72
eye-rbt 100 mg/24H SEV 28ZPAK -,21,72

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T52T87 orl-wmn TDLo:9240 mg/kg (1-43W preg) ADCHAK 38,526,63

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4340 mg/kg 28ZPAK -,21,72
* ivn-rat LD50:1060 mg/kg AEPPAE 222,584,54
* orl-mus LD50:1 gm/kg 85GMAT -,105,82
ipr-mus LD50:869 mg/kg COREAF 257,791,63
ivn-dog LDLo:760 mg/kg HBAMAK 4,1289,35

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SODIUM IODINE see: WB6475000

SODIUM IODIPAMIDE see: DG0950000
SODIUM m-IODOBENZENESULFONATE see: DB7130000
SODIUM p-IODOBENZENESULFONATE see: DB7130100
SODIUM m-IODOBENZOATE see: DH3056690
SODIUM o-IODOBENZOATE see: DH3056700
SODIUM p-IODOBENZOATE see: DH3056750
SODIUM IODOHIPPURATE see: MR8162000
SODIUM o-IODOHIPPURATE see: MR8162000
SODIUM 2-IODOHIPPURATE see: DH3056700
SODIUM IODOMETHAMATE see: US7970000
SODIUM IODOMETHANESULFONATE see: PB2250000
SODIUM 5-IODO-2-THIOURACIL see: YR0600000
SODIUM IODOXYQUINOLINE SULPHONATE see: VC6130000
SODIUM IOPODATE see: MW5200000
SODIUM IOSULAMIDE see: DH6832000
SODIUM IOTHALAMATE see: NT1987000
SODIUM IPODATE see: MW5200000
SODIUM IRON EDTA see: AH4900000
SODIUM ISOAMYLETHYL BARBITURATE see: CQ5250000
SODIUM ISOCYANATE see: GS7000000
SODIUM ISOCYANURATE see: XZ1912000
SODIUM ISONICOTINYL HYDRAZINE METHANSULFONATE see: NS2275000
SODIUM ISOTHIOCYANATE see: XL2275000
SODIUM LACTATE see: OD5680000

WB7350000 SODIUM LAURETH SULFATE
UPDT:8305 CAS: 32612-48-9 MOLFM: (C2-H4-O)n-C12-H26-O4-S H3-N
SYN: CALFOAM ES-30 * CARSONOL SES-S * CARSONOL SLES * CARSONOL SLES-2 * CONCO SULFATE WE * CONCO SULFATE 219 * CONCO SULFATE 219 SPECIAL * CS-460 * CYCLORYL NA * CYCLORYL NA 61 * DUPONOL * EMERSAL * EMERSAL 6400 * EMERSAL 6453 * EMPICOL ESB3O * GENAPOL LRO LIQUID * GENAPOL LRO PASTE * MAPROFIX ES * MAPROFIX ESY * MAPROFIX 60S * REWOPOL NL 2 * RICHONOL S-1285 * RICHONOL S-5260 * SIPON ES * SIPON ESY * SODIUM LAURYL ETHER SULFATE * SODIUM POLYOXYETHYLENE LAURYL SULFATE * STANDAPOL ES 1 * STANDAPOL ES 2 * STANDAPOL ES 3 * STANDAPOL 125E * STEOL CS-125 * STEOL CS-460 * STEOL 4N * STEPANOL ME DRY * STEPANOL WA 100 * STEPANOL WAC * STEPANOL WA-EXTRA * STEPANOL WA-SPECIAL * STERLING SUPER A * TEXAPON EXTRACT N25 * TEXAPON EXTRACT N40
IRRITATION DATA AND REFERENCES:
skn-rbt 25 mg/24H MOD 33NFA8 -,12,75
skn-rbt 10 mg/24H DCTODJ 1,305,78
eye-rbt 10 mg DCTODJ 1,305,78
skn-gpg 5%/9H-I imm 33NFA8 -,12,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SODIUM LAURYLBENZENESULFONATE see: DB6825000
SODIUM LAURYL ETHER SULFATE see: WB7350000
SODIUM LAURYL ETHOXYSULPHATE see: KK7890000
SODIUM LAURYLSULFATE see: WT1050000
SODIUM LAURYL TRIOXYETHYLENE SULFATE see: KK7875000
SODIUM LEVOTHYROXINE see: XP3583000
SODIUM LINOLEATE HYDROPEROXIDE see: SE0610000 PEROXYLINOLEIC ACID, SODIUM SALT
SODIUM LINOLEIC ACID HYDROPEROXIDE see: SE0610000 PEROXYLINOLEIC ACID, SODIUM SALT
SODIUM LITHOCHOLATE see: FZ2280000
SODIUM LUMINAL see: CQ7000000
SODIUM MALONYLUREA see: CQ3850000

WB9288000 SODIUM MANNITOL ANTIMONATE
UPDT:7901
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:5100 mg/kg CLDND*
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**

SODIUM MCPA see: AG2625000
SODIUM MERCAPTAN see: WE1900000
SODIUM MERCAPTIDE see: WE1900000
SODIUM 2-MERCAPTOETHANESULFONATE see: KI7968000
SODIUM MERTHIOLATE see: OV8400000
SODIUM METAARSENATE see: CG1225000
SODIUM METAARSENATE see: CG1200000
SODIUM METAARSENITE see: CG3675000
SODIUM METABISULFITE see: UX8225000
SODIUM METABISULFITE (DOT) see: UX8225000
SODIUM METABISULPHITE see: UX8225000
SODIUM METABORATE TETRAHYDRATE mixed with BROMACIL see: ED7204000
SODIUM, METAL DISPERSION IN ORGANIC SOLVENT (DOT) see: VY0686000
SODIUM METAL (DOT) see: VY0686000
SODIUM, METALLIC (DOT) see: VY0686000
SODIUM, METAL LIQUID ALLOY (DOT) see: VY0688000
SODIUM METANIOBATE HEPTAHYDRATE see: WC5570000
SODIUM METAPHOSPHATE see: OY3750000
SODIUM METASILICATE see: VV9275000
SODIUM METASILICATE, ANHYDROUS see: VV9275000
SODIUM METAVANADATE see: YW1050000
SODIUM METAVANADATE TETRAHYDRATE see: YW1060000
SODIUM METHANALSULFOXYLATE see: PB0380000
SODIUM METHANEARSONATE see: PA2625000
SODIUM METHANEARSONATE see: PA2275000
SODIUM METHANESULFONATE see: NS2275000
4-SODIUM METHANESULFONATE METHYLAMINE-ANTIPYRINE see: PB1300000
SODIUM METHARSONATE see: PA2275000
SODIUM METHIODAL see: PB2250000
SODIUM METHOTREXATE see: MA1232000
SODIUM METHOXIDE see: PC3570000
SODIUM beta-4-METHOXYBENZOYL-beta-BROMOACRYLATE see: AS4800000
SODIUM METHYLAMINOANTIPYRINE METHANESULFONATE see: PB1300000
SODIUM 4-METHYLAMINO-1,5-DIMETHYL-2-PHENYL-3-PYRAZOLONE 4-METHANESULFONATE see: PB1300000
SODIUM METHYLARSONATE see: PA2275000

WC2455000 SODIUM METHYLATE (alcohol mixture)
UPDT:8312
SYN: NA 1289 (DOT) * SODIUM METHYLATE, ALCOHOL MIXTURE (DOT) * UN 1289 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

SODIUM METHYLATE, ALCOHOL MIXTURE (DOT) see: WC2455000
SODIUM METHYLATE, DRY (DOT) see: PC3570000
SODIUM p-METHYLBENZENESULFONATE see: XT7350000
SODIUM (2-METHYL-4-CHLOROPHENOXY)ACETATE see: AG2625000
SODIUM N-METHYL CYCLOHEXENYLMETHYBARBITURATE see: CQ2800000
SODIUM METHYLDITHIOCARBAMATE see: FC2100000
SODIUM N-METHYLDITHIOCARBAMATE see: FC2100000
SODIUM METHYL-ETHYL CAPROATE see: MO7804000
SODIUM 2-METHYL-7-ETHYLUNDECANOL-4-SULFATE see: YQ2800000
SODIUM 2-METHYL-7-ETHYLUNDECYL SULFATE-4 see: YQ2800000
SODIUM METHYLGLUCAMINE DIATRIZOATE see: LZ4325000
SODIUM METHYLHEXABITAL see: CQ2800000
SODIUM METHYLHEXABITOL see: CQ2800000
SODIUM METHYLMERCURIC THIOGLYCOLLATE see: OU9660000
SODIUM 2-(N-METHYLOLEAMIDO)ETHANE-1-SULFONATE see: WX0500000
SODIUM METHYL OLEOYL TAURATE see: WX0500000
SODIUM N-METHYL-N-OLEOYLTAURATE see: WX0500000
SODIUM MEZLOCILLIN HYDRATE see: XH9165000
SODIUM MOLYBDATE see: QA5075000
SODIUM MOLYBDATE(VI) see: QA5075000
SODIUM MOLYBDATE DIHYDRATE see: QA5085000
SODIUM MOLYBDOPHOSPHATE see: WD6600000
SODIUM MONOCHLORACETATE see: AG1400000
SODIUM MONODODECYL SULFATE see: WT1050000
SODIUM MONOFLUORIDE see: WB0350000
SODIUM MONOFLUOROACETATE see: AH9100000
SODIUM MONOFLUOROPHOSPHATE see: TE6130000
SODIUM MONOHEXADECYL SULFATE see: MM0225700
SODIUM MONOHYDROGEN ARSENATE see: CG1200000

WC4500000 SODIUM MONOHYDROGEN PHOSPHATE (2:1:1)
UPDT:8308 CAS: 7558-79-4 MW: 141.96 MOLFM: H-O4-P 2Na
SYN: DIBASIC SODIUM PHOSPHATE * DISODIUM HYDROGEN PHOSPHATE * DISODIUM MONOHYDROGEN PHOSPHATE * DISODIUM ORTHOPHOSPHATE * DISODIUM PHOSPHATE * DISODIUM PHOSPHORIC ACID * DSP * EXSICCATED SODIUM PHOSPHATE * NA 9147 (DOT) * NATRIUMPHOSPHAT (German) * SODA PHOSPHATE * SODIUM HYDROGEN PHOSPHATE * SODIUM PHOSPHATE, DIBASIC * PHOSPHORIC ACID, DISODIUM SALT
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD 28ZPAK -,16,72
eye-rbt 500 mg/24H MLD 28ZPAK -,16,72
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:1000 mg/kg BIZEA2 163,226,25
scu-rat LDLo:1000 mg/kg BIZEA2 163,226,25
ims-rat LDLo:1000 mg/kg BIZEA2 163,226,25
ivn-dog LDLo:298 mg/kg 16CZAC 10,361,50
ivn-rbt LDLo:1075 mg/kg 16CZAC 10,361,50
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SODIUM MONOHYDROGEN PHOSPHATE DODECAHYDRATE (2:1:1:12) see: TC5725000
SODIUM MONOIODIDE see: WB6475000
SODIUM MONOIODOMETHANESULFONATE see: PB2250000
SODIUM MONOOCTADECYL SULFATE see: WT1170000
SODIUM MONOSTEARYL SULFATE see: WT1170000
SODIUM MONOSULFIDE see: WE1905000

WC4800000 SODIUM MONOXIDE
UPDT:8308 CAS: 12401-86-4 MW: 61.98 MOLFM: Na2-O
SYN: CALCINED SODA * DISODIUM MONOXIDE * DISODIUM OXIDE * SODIUM MONOXIDE, SOLID (DOT) * SODIUM OXIDE * UN 1825 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solid CFRGBR 49,172.101,82

SODIUM MONOXIDE, SOLID (DOT) see: WC4800000
SODIUM MORPHOLINECARBODITHIOATE see: QD9680000
SODIUM 4-MORPHOLINECARBODITHIOATE see: QD9680000
SODIUM MORPHOLINEDITHIOCARBAMATE see: QD9680000
SODIUM MORPHOLINODITHIOCARBAMATE see: QD9680000
SODIUM MYCOPHENOLATE see: MP8100000
SODIUM MYRISTYL SULFATE see: XB8660000
SODIUM N-1-NAPHTHYLPHTHALAMATE see: TH7351000
SODIUM N-1-NAPHTHYLPHTHALAMIC ACID see: TH7351000
SODIUM NEMBUTAL see: CQ6125000
SODIUM-22 NEOPRENE ACCELERATOR see: NI9625000
SODIUM NICOTINATE see: QT2060000
SODIUM NIGERICIN see: QT6840000

WC5570000 SODIUM NIOBIUM OXIDE, HEPTAHYDRATE
UPDT:8402 MW: 453.94 MOLFM: Na2-Nb2-O6 7H2-O
SYN: METANIOBATE de SODIUM (French) * NIOBATE de SODIUM (French) * SODIUM METANIOBATE HEPTAHYDRATE
TOXICITY DATA AND REFERENCES:
3F18F43G10 ipr-gpg LDLo:700 mg/kg APFRAD 16,341,58

WC5600000 SODIUM(I) NITRATE (1:1)
UPDT:8408 CAS: 7631-99-4 MW: 85.00 MOLFM: N-O3 Na
SYN: CHILE SALTPETER * CUBIC NITER * NITRATINE * NITRATE DE SODIUM (French) * NITRIC ACID, SODIUM SALT * SODA NITER * SODIUM NITRATE (DOT) * UN 1498 (DOT)
MUTATION DATA AND REFERENCES:
mmo-omi 1000 ppm POASAD 34,114,53
mnt-ham-orl 250 mg/kg MUREAV 66,149,79
otr-ham-orl 250 mg/kg MUREAV 66,149,79
cyt-ham:fbr 7200 mg/L/48H MUREAV 48,337,77
cyt-ham:lng 5700 mg/L GMCRDC 27,95,81
msc-ham-orl 125 mg/kg MUREAV 66,149,79
TUMORIGENIC DATA AND REFERENCES:
3V03R60T61 orl-rat TDLo:913 gm/kg/2Y-C FCTOD7 20,25,82
3V03R60T61 orl-rat TD :1825 gm/kg/2Y-C FCTOD7 20,25,82
TOXICITY DATA AND REFERENCES:
* orl-rbt LD50:2680 mg/kg SOVEA7 27,246,74
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SODIUM NITRATE (DOT) see: WC5600000

WC5615000 SODIUM NITRATE and POTASH, mixture
UPDT:8312
SYN: SODIUM NITRATE and POTASH, mixture (DOT) * UN 1478 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.102,83

SODIUM NITRATE and POTASH, mixture (DOT) see: WC5615000

WC5616000 SODIUM NITRATE and POTASSIUM NITRATE, mixtures
UPDT:8312

SYN: SODIUM NITRATE and POTASSIUM NITRATE, mixtures (DOT) * UN 1499 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.102,83

SODIUM NITRATE and POTASSIUM NITRATE, mixtures (DOT) see: WC5616000
SODIUM NITRILOTRIACETATE see: MB8400000
SODIUM NITRITE see: RA1225000
SODIUM NITRITE mixed with 4-AMINOANTIPYRINE see: CD2483000
SODIUM NITRITE mixed with 2-(2-AMINO-2-CARBOXYETHYLTHIO)TRYPTOPHAN see: YN6480000
SODIUM NITRITE mixed with 3-(2-AMINOETHYL)INDOLE see: NL4400000
SODIUM NITRITE mixed with 3-(2-AMINOETHYL)-5-INDOLOL see: NM2578000
SODIUM NITRITE mixed with N-(2-AMINOETHYL)-1,3-PROPANEDIAMINE see: TX6900000
SODIUM NITRITE mixed with o-AMINOPHENOL see: SJ6823000
SODIUM NITRITE mixed with p-AMINOPHENOL see: SJ6823010
SODIUM NITRITE mixed with N-(3-AMINOPROPYL)-1,3-PROPANEDIAMINE see: JL9625200
SODIUM NITRITE mixed with AMINOPYRINE (1:1) see: CD2635000
SODIUM NITRITE and AMITROLE (1:1) see: XZ4065000
SODIUM NITRITE mixed with ANILINE see: BY8410000
SODIUM NITRITE and BENLATE see: DD6490000
SODIUM NITRITE mixed with BENZYLMETHYLAMINE see: DP6700000
SODIUM NITRITE mixed with BIS(DIETHYLTHIOCARBAMOYL)DISULFIDE see: JO1225100
SODIUM NITRITE and 1-BUTYLUREA (1:2) see: YS4140000
SODIUM NITRITE and CARBENDAZIM (1:5) see: DD6520000
SODIUM NITRITE mixed with CHLORDIAZEPOXIDE (1:1) see: DE9470000
SODIUM NITRITE mixed with CIMETIDINE (1:1) see: MF0035550
SODIUM NITRITE mixed with CIMETIDINE (1:4) see: MF0035700
SODIUM NITRITE and L-CITRULLINE (1:2) see: RM2981540
SODIUM NITRITE mixed with CYSTEINE see: HA2467000
SODIUM NITRITE mixed with L-CYSTEINE see: HA2940000
SODIUM NITRITE mixed with 1,4-DIAMINE-N-BUTYL-2-BUTENE see: EM4350000
SODIUM NITRITE mixed with 1,4-DIAMINE-N-METHYL-2-BUTENE see: EM4370000
SODIUM NITRITE mixed with 3,3'-DIAMINODIPROPYLAMINE see: JL9625200
SODIUM NITRITE mixed with 1,1-DIETHYLDIETHYLENETRIAMINE see: IE1393000
SODIUM NITRITE mixed with 2,3-DIHYDRO-3-HYDROXY-2-OXO-TRYPTOPHAN see: NM2035000
SODIUM NITRITE mixed with 4-(DIMETHYLAMINO)ANTIPYRINE (1:1) see: CD2635000
SODIUM NITRITE mixed with 1,1-DIMETHYLDIETHYLENETRIAMINE see: IE1394000
SODIUM NITRITE mixed with DIMETHYLDODECYLAMINE (8:7) see: JR6625000
SODIUM NITRITE and DIMETHYLUREA see: YT1480000
SODIUM NITRITE mixed with DISULFIRAM see: JO1225100
SODIUM NITRITE mixed with DODECYL GUANIDINE ACETATE (5:3) see: MF1850000
SODIUM NITRITE (DOT) see: RA1225000
SODIUM NITRITE mixed with ETHAMBUTOL (1:1) see: EL3855000
SODIUM NITRITE and ETHYLENEBIS(THIOUREA) (1:1) see: YT2865000
SODIUM NITRITE mixed with ETHYLENETHIOUREA see: NJ0540000
SODIUM NITRITE mixed with N-ETHYLETHYLENEDIAMINE see: KV5010000
SODIUM NITRITE mixed with N-ETHYL-1,3-PROPANEDIAMINE see: TX8039000
SODIUM NITRITE and ETHYL UREA (1:1) see: YT3648000
SODIUM NITRITE and ETHYLUREA (1:2) see: YT3650000
SODIUM NITRITE mixed with L-GLUTAMIC ACID see: MA2200000
SODIUM NITRITE mixed with L-GLYCINE see: MC1095000
SODIUM NITRITE mixed with HEPTAMETHYLENEIMINE see: CN4850000
SODIUM NITRITE mixed with 5-HYDROXYTRYPTAMINE see: NM2578000
SODIUM NITRITE mixed with 2-IMIDAZOLIN-2-YL SULFENATE see: WP8730000
SODIUM NITRITE mixed with N-ISOPROPYLETHYLENEDIAMINE see: KV5150000
SODIUM NITRITE mixed with LUCANTHONE (3:1) see: XO1605950
SODIUM NITRITE mixed with METHAPYRILENE (2:1) see: UT1930000
SODIUM NITRITE mixed with L-METHIONINE see: PD0777000
SODIUM NITRITE mixed with N-METHYLADENOSINE (4:1) see: AU7404940
SODIUM NITRITE and METHYLANILINE (1:1.2) see: BY6150000
SODIUM NITRITE mixed with N-METHYLANILINE (35:1) see: BY6100000
SODIUM NITRITE and METHYL-2-BENZIMIDAZOLE CARBAMATE see: DD6520000
SODIUM NITRITE mixed with METHYLBENZYLAMINE (3:2) see: DP6675000
SODIUM NITRITE mixed with N-METHYLBENZYLAMINE (1:1) see: DP6700000
SODIUM NITRITE mixed with METHYLGUANIDINE (1:1) see: MF4230000
SODIUM NITRITE mixed with 1-METHYL-3-NITROGUANIDINE (1:1) see: MF4220000
SODIUM NITRITE and 1-METHYL-1-NITROSO-3-PHENYLUREA see: YT8200000
SODIUM NITRITE mixed with N-METHYL-1,3-PROPANEDIAMINE see: TX8258000
SODIUM NITRITE and METHYL UREA see: YT8900000
SODIUM NITRITE AND METHYLUREA (1:1) see: YT8880000
SODIUM NITRITE and MORPHOLINE (1:1) see: QE9475000
SODIUM NITRITE mixed with OCTAHYDROAZOCINE HYDROCHLORIDE (1:1) see: CN4830000
SODIUM NITRITE and PIPERAZINE (1:4) see: TM2785200
SODIUM NITRITE mixed with POTASSIUM NITRATE see: TT3720000
SODIUM NITRITE mixed (fused) with POTASSIUM NITRATE (DOT) see: TT3720000
SODIUM NITRITE mixed with N-PROPYLETHYLENEDIAMINE see: KV5400000
SODIUM NITRITE mixed with N-PROPYL-1,3-PROPANEDIAMINE see: TX8277000
SODIUM NITRITE mixed with RANITIDINE see: KM6558000
SODIUM NITRITE mixed with RANITIDINE HYDROCHLORIDE (2:1) see: KM6559000

WC6064600 SODIUM NITRITE, mixed with SODIUM NITRITE and POTASSIUM NITRATE (DOT)

UPDT 8308

SYN: NA 1487 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82

SODIUM NITRITE and TRIFORINE see: TK9250000
SODIUM NITRITE mixed with 1,4,7-TRIMETHYLDIETHYLENETRIAMINE see: IE2180000
SODIUM NITRITE mixed with TRYPTAMINE see: NL4400000
SODIUM NITRITE mixed with L-TYROSINE see: YP2907000
SODIUM NITROBENZENESULFONATE see: DB7194000
SODIUM NITROCOBALTATE (III) see: GF9480000
SODIUM 5-NITROFURYLACRYLATE see: UD3642500
SODIUM 5-NITRO-2-FURYLACRYLATE see: UD3642500
SODIUM-4-NITRO-3 TRIFLUOROMETHYL PHENOLATE see: GP3550000
SODIUM NORAMIDOPYRINE METHANESULFONATE see: PB1300000
SODIUM NORSULFAZOLE see: WP2450000
SODIUM NOVOBIOCIN see: RD5425000
SODIUM NPA see: TH7351000
SODIUM OCTADECANOATE see: WI4725000
SODIUM OCTADECYL SULFATE see: WT1170000
SODIUM OCTYL SULFATE see: WT1175000
SODIUM OCTYL SULPHATE see: WT1175000
SODIUM N-OLEOYL-N-METHYLATAURINE see: WX0500000
SODIUM N-OLEOYL-N-METHYLTAURATE see: WX0500000
SODIUM OLEYLMETHYLTAURIDE see: WX0500000
SODIUM OMADINE see: UT9800000
SODIUM ORTHOARSENATE see: CG1225000
SODIUM ORTHOARSENITE see: CG3850000
SODIUM ORTHOIODOHIPPURATE see: MR8162000
SODIUM OXACILLIN see: XH9100000
SODIUM OXALATE see: KI1750000
SODIUM OXIDE see: WC4800000
SODIUM OXIDE (Na2-O2) see: WD3450000
SODIUM OXYBATE see: ET4750000
SODIUM OXYDIACETATE see: AJ1750000
SODIUM P-50 see: XH8400000
SODIUM PAAS see: TQ0360000
SODIUM PALMITYL SULFATE see: MM0225700
SODIUM PARATOLUENE SULPHONATE see: XT7350000
SODIUM PATENT BLUE V see: BP6830000
SODIUM PCP see: SM6490000
SODIUM PENICILLATE see: MM2630000
SODIUM PENICILLIN see: XH9800000
SODIUM PENICILLIN see: RY7250000
SODIUM PENICILLIN G see: XH9800000
SODIUM PENICILLIN II see: XH9800000
SODIUM-PENT see: CQ6125000
SODIUM PENTABARBITAL see: CQ6125000
SODIUM PENTABARBITONE see: CQ6125000
SODIUM PENTABORATE DECAHYDRATE see: ED4805000
SODIUM PENTACHLOROPHENATE see: SM6490000
SODIUM PENTACHLOROPHENATE (DOT) see: SM6490000
SODIUM PENTACHLOROPHENOL see: SM6490000
SODIUM PENTACHLOROPHENOLATE see: SM6490000
SODIUM PENTACHLOROPHENOXIDE see: SM6490000
SODIUM, (PENTACHLOROPHENOXY)- see: SM6490000
SODIUM PENTACHLOROSTANNITE see: WH8905000
SODIUM PENTACHLORPHENATE see: SM6490000

WD1575000 SODIUM PENTAFLUOROSTANNITE

UPDT 8209 CAS: 22578-17-2 MW: 355.37 MOLFM: F5-Sn2 Na

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25 orl-rat TDLo:447 mg/kg (1-20D preg) JONUAI 101,525,71

TOXICITY DATA AND REFERENCES:

orl-rat LD50:221 mg/kg TXAPA9 22,304,72
ipr-rat LD50:70 mg/kg TXAPA9 22,304,72
ivn-rat LD50:12 mg/kg TXAFA9 22,304,72
orl-mus LD50:595 mg/kg TXAPA9 22,304,72
ivn-mus LD50:19 mg/kg TXAPA9 22,304,72

REVIEW AND REFERENCES:

★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SODIUM PENTHIOBARBITAL see: CQ6475000
SODIUM PENTOBARBITAL see: CQ6125000
SODIUM PENTOBARBITONE see: CQ6125000
SODIUM PENTOBARBITURATE see: CQ6125000
SODIUM PENTOTHAL see: CQ6475000
SODIUM PENTOTHIOBARBITAL see: CQ6475000
SODIUM PERACETATE see: SD8975000
SODIUM PERBORATE see: ED4800000
SODIUM PERCARBONATE see: WD3490000
SODIUM PERCARBONATE see: SD9920000
SODIUM PERCARBONATE (DOT) see: SD9920000
SODIUM PERCARBONATE (DOT) see: WD3490000
SODIUM PERCHLORATE see: SC9800000
SODIUM (PERCHLORATE DE) (French) see: SC9800000
SODIUM PERCHLORATE (DOT) see: SC9800000
SODIUM PERMANGANATE see: SD6650000
SODIUM PERMANGANATE (DOT) see: SD6650000

WD3450000 SODIUM PEROXIDE

UPDT 8404 CAS: 1313-60-6 MW: 77.98 MOLFM: Na2-O2

SYN: DISODIUM DIOXIDE * DISODIUM PEROXIDE * FLOCOOL 180 * SODIUM DIOXIDE * SODIUM OXIDE (Na2 O2) * SODIUM PEROXIDE (DOT) * SOLOZONE * UN 1504 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:OXIDIZER, LABEL:OXIDIZER CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SODIUM PEROXIDE (DOT) see: WD3450000
SODIUM PEROXYBORATE see: ED4800000

WD3490000 SODIUM PEROXYCARBONATE

UPDT 8312 CAS: 4452-58-0 MW: 124.01 MOLFM: C-H2-O4 2Na

SYN: CARBONOPEROXOIC ACID, DISODIUM SALT (9CI) * SODIUM PERCARBONATE * SODIUM PERCARBONATE (DOT) * SODIUM PEROXYMONOCARBONATE * UN 2467 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.102,83

SODIUM PEROXYDICARBONATE see: SD9920000
SODIUM PEROXYDISULFATE see: SE0525000
SODIUM PEROXYMONOCARBONATE see: WD3490000
SODIUM PERSULFATE see: SE0525000
SODIUM PERSULPHATE (DOT) see: SE0525000
SODIUM PHENATE see: SM8780000
SODIUM PHENOBARBITAL see: CQ7000000
SODIUM PHENOBARBITONE see: CQ7000000
SODIUM PHENOLATE, SOLID (DOT) see: SM8780000
SODIUM PHENOXIDE see: SM8780000
SODIUM-alpha-PHENOXYCARBONYLBENZYLPENICILLIN see: ON9110000
SODIUM PHENYL-beta-AMINOPROPIONAMIDE-p-ARSONATE see: CF9300000
SODIUM PHENYLBUTAZONE see: UQ8300000
SODIUM 1-PHENYL-2,3-DIMETHYL-4-METHYLAMINOPYRAZOLON-N-METHANESULFONATE see: PB1300000
SODIUM 1-PHENYL-2,3-DIMETHYL-5-PYRAZOLONE-4-METHYLAMINO METHANESULFONATE see: PB1300000
SODIUM PHENYLDIMETHYLPYRAZOLON-METHYLAMINO-METHANE SULFONATE see: PB1300000
SODIUM PHENYLETHYLBARBITURATE see: CQ7000000
SODIUM PHENYLETHYLMALONYLUREA see: CQ7000000
SODIUM N-PHENYLGLYCINAMIDE-p-ARSONATE see: CF9450000
SODIUM o-PHENYLPHENATE see: DV7700000
SODIUM 2-PHENYLPHENATE see: DV7700000
SODIUM o-PHENYLPHENATE TETRAHYDRATE see: DV7750000
SODIUM o-PHENYLPHENOL see: DV7700000
SODIUM o-PHENYLPHENOLATE see: DV7700000
SODIUM o-PHENYLPHENOXIDE see: DV7700000
SODIUM PHENYTOIN see: MU1400000
SODIUM PHOSPHATE see: TC9490000

SODIUM PHOSPHATE, ANHYDROUS see: TC9490000
SODIUM PHOSPHATE, DIBASIC see: WC4500000
SODIUM PHOSPHATE DODECAHYDRATE see: TC9575000
SODIUM PHOSPHATE, MONOBASIC see: WA1900000
SODIUM PHOSPHATE, TRIBASIC see: TC9490000
SODIUM PHOSPHATE TRIBASIC DODECAHYDRATE see: TC9575000
SODIUM PHOSPHATE, TRIBASIC (DOT) see: TC9490000

WD6475000 SODIUM PHOSPHIDE

UPDT:8404 CAS: 12058-85-4 MW: 99.94 MOLFM: Na3 P
SYN: PHOSPHURE DE SODIUM (French) * SODIUM PHOSPHIDE (DOT) * UN 1432 (DOT)

TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:580 ppm/1H ZGSHAM 25,279,33
ihl-cat LCLo:173 ppm/2H ZGSHAM 25,279,33
ihl-gpg LCLo:288 ppm/2H ZGSHAM 25,279,33

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SODIUM PHOSPHIDE (DOT) see: WD6475000

WD6600000 SODIUM PHOSPHOMOLYBDATE

UPDT:7901 CAS: 1313-30-0 MW: 1891.22 MOLFM: Mo12-O40-P 3Na
SYN: FOSFOMOLYBDENAN SODNY (Czech) * PHOSPHOMOLYBDENIC ACID, SODIUM SALT * SODIUM MOLYBDOPHOSPHATE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:3920 mg/kg MarJV# 29MAR77

REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Mo)/m3;STEL 10 mg(Mo)/m3 DTLVS* 4,289,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Mo)/m3 (SCP-M) FEREAC 39,23540,74

SODIUM PHOSPHOROFLUORIDATE see: TE6130000
SODIUM PHOSPHOROFLURIDATE see: TE6130000
SODIUM PHOSPHOTUNGSTATE see: TH5775000
SODIUM PHTHALATE see: TI2780000
SODIUM PICOSULFATE see: SM8720000
SODIUM PICOSULFATE DIHYDRATE see: SM8739000
SODIUM PICOSULFATE HYDRATE see: SM8740000
SODIUM PICOSULPHATE DIHYDRATE see: SM8739000
SODIUM PICRAMATE, dry or containing less than 20% water (DOT) see: TJ7855000
SODIUM PICRAMATE, wet (with at least 20% water) (DOT) see: TJ7850000
SODIUM PICRYL PEROXIDE (DOT) see: TJ9800000
SODIUM PIPERACILLIN see: XI0180000
SODIUM 1-PIPERIDINECARBODITHIOATE see: TM5900000
SODIUM PIPERIDINEDITHIOCARBAMATE see: TM5900000
SODIUM PLATINIC CHLORIDE see: TP1750000

WD6826000 SODIUM POLY ACRYLATE

UPDT:8403 CAS: 9003-04-7 MOLFM: (C3-H4-O2)x xNa
SYN: POLYCO * RHOTEX GS

IRRITATION DATA AND REFERENCES:
eye-rbt 2 mg MOD PSTGAW 20,16,53

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1077-0009 C

SODIUM POLYALKYLARYLSULFONATE see: TQ0360000
SODIUM POLYALUMINATE see: BD1600000
SODIUM POLYANTIMONATE see: CC3065000
SODIUM POLYMANNURONATE see: AZ5820000
SODIUM POLYOXYETHYLENE LAURYL SULFATE see: WB7350000
SODIUM POTASSIUM ALLOY (DOT) see: TT5790000
SODIUM POTASSIUM ALLOY, solid (DOT) see: TT5790000
SODIUM PREDNISOLONE PHOSPHATE see: TU4153300
SODIUM p-2-PROPANOL-OXY-PHENYLARSONATE see: CY3200000
SODIUM 2-PROPYLPENTANOATE see: YV7876000
SODIUM 2-PROPYLVALERATE see: YV7876000
SODIUM PYRIDINETHIONE see: UT9800000

WD7175000 SODIUM, (N(sup 1)-2-PYRIDYLSULFANILAMIDO)-

UPDT:8310 CAS: 127-57-1 MW: 271.29 MOLFM: C11-H10-N3-O2-S Na
SYN: BENZENESULFONAMIDE, 4-AMINO-N-2-PYRIDINYL-, MONOSODIUM SALT (9CI) * N(sup 1)-2-PYRIDYLSULFANILAMIDE SODIUM SALT * SODIUM SULFAPYMONOHYDRATE * SODIUM SULFAPYRIDINE * SOLUBLE SULFAPYRIDINE * SOLUDAGENAN * SULFANILAMIDE, N(sup 1)-2-PYRIDYL-, MONOSODIUM SALT * SULFANILAMIDE, N(sup 1)-2-PYRIDYL-, N(sup 1)-SODIUM deriv * SULFAPYRIDINE SODIUM * SULFAPYRIDINE, SODIUM SALT

TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:1120 mg/kg PSEBAA 45,15,40
orl-mus LD50:2000 mg/kg JPETAB 68,259,40
scu-mus LD50:872 mg/kg JPETAB 71,138,41
ivn-mus LD50:847 mg/kg JPETAB 79,127,43
par-mus LD50:1000 mg/kg PSEBAA 43,328,40

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SODIUM, (N(sup 1)-2-PYRIMIDINYLSULFANILAMIDO)- see: WP2000000
SODIUM PYRITHIONE see: UT9800000
SODIUM PYROBORATE see: VZ2275000
SODIUM PYROBORATE DECAHYDRATE see: VZ2275000
SODIUM PYROPHOSPHATE see: UX7350000
SODIUM PYROSULFATE see: VZ1860000
SODIUM PYROSULFITE see: UX8225000
SODIUM QUINALBARBITONE see: CP9800000
SODIUM RHODANATE see: XL2275000
SODIUM RHODANIDE see: XL2275000
SODIUM SACCHARIDE see: DE4550000
SODIUM SACCHARIN see: DE4550000
SODIUM SACCHARINATE see: DE4550000
SODIUM SACCHARINE see: DE4550000
SODIUM SALICYLATE see: VO5075000
SODIUM SALICYLIC ACID see: VO5075000
SODIUM SALT of CACODYLIC ACID see: CH7700000
SODIUM SALT of CARBOXYMETHYLCELLULOSE see: FJ5950000
SODIUM SALT of N(super alpha)-(3-DI(2-CHLOROETHYL)AMINO)-4-METHYLBENZOYL)-DL-ALANINE see: AY3300000
SODIUM SALT of DICHLORO-s-TRIAZINETRIONE see: XZ1900000
SODIUM SALT of N,N-DIETHYLDITHIOCARBAMIC ACID see: EZ6475000
SODIUM SALT of 3-(3-DIMETHYLAMINOMETHYLENEAMINO-2,4,6-TRIIODOPHENYL)PROPIONIC ACID see: MW5200000
SODIUM SALT OF ETHYLENEDIAMINETETRAACETIC ACID see: AH5075000
SODIUM SALT of EVERNINOMICIN D see: LE9558500
SODIUM SALT of HYDROXY-o-CARBOXY-PHENYL-FLUORONE see: LM5425000
SODIUM SALT of ISONICOTINIC ACID see: NS2100000
SODIUM SALT of beta-4-METHOXYBENZOYL-beta-BROMOACRYLIC ACID see: AS4800000
SODIUM SALT of 4-MORPHOLINECARBODITHIOIC ACID see: QD9680000
SODIUM SALT of PHENYLBUTAZONE see: UQ8300000
SODIUM SALT of 1-PIPERIDINECARBODITHIOIC ACID see: TM5900000
SODIUM SALT of SULFONATED NAPHTHALENEFORMALDEHYDE CONDENSATE see: EC4850000
SODIUM SALT of 1,1,3,3-TETRACYANOPROPENE see: UD1922000
SODIUM SALT of 2,4,5-TRICHLOROPHENOL see: SN2750000
SODIUM SARKOMYCIN see: GY2975000
SODIUM SECOBARBITAL see: CP9800000
SODIUM SECONAL see: CP9800000
SODIUM SELENATE see: VS6650000

WE0350000 SODIUM SELENIDE

UPDT:8312 CAS: 1313-85-5 MW: 124.94 MOLFM: Na2-Se

MUTATION DATA AND REFERENCES:
sce-ham:lng 2 mg/L CALEDQ 18,109,83

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:4 mg/kg COREAF 257,791,63

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHREAY 28,179,41

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SODIUM SELENITE see: VS7350000
SODIUM SELENITE (DOT) see: VS7350000
SODIUM SELENITE PENTAHYDRATE see: VS7420000
SODIUM SELENITE mixed with VITAMIN E see: VS7460000
SODIUM SILICATE see: VV9275000
SODIUM SILICATE (SiO2/Na2O2/1) see: VV9275100
SODIUM SILICATE (SiO2/Na2O3/1) see: VV9275200
SODIUM SILICOFLUORIDE see: VV8410000
SODIUM SILICOFLUORIDE (DOT) see: VV8410000
SODIUM SILICON FLUORIDE see: VV8410000
SODIUM SORBATE see: WG2220000
SODIUM SOTRADECOL see: XB8660000
SODIUM SOTRADECOL see: YQ2800000
SODIUM STANNOUS TARTRATE see: XQ4170000
SODIUM STEARATE see: WI4725000
SODIUM STEARYL SULFATE see: WT1170000
SODIUM STIBANILATE GLUCOSIDE see: QP7050000

WE1145000 SODIUM STIBINIVANADATE

UPDT:8304 MW: 4594.90 MOLFM: Na2-O14 O5-Sb2 2205-V2

TOXICITY DATA AND REFERENCES:
1J25 ivn-rbt LDLo:142 mg/kg AJSNAO 1,347,17

REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VANADIUM recm std-air:CL 0.05 mg(V)/m3/15M NTIS**

SODIUM ((2-STIBONOPHENYL)THIO)ACETATE see: AJ4700000
SODIUM SUCARYL see: GV7350000
SODIUM SULFADIAZINE see: WP2000000
SODIUM SULFAETHYLTHIADIAZOLE see: WO9500000
SODIUM SULFAMERAZINE see: WP0760000
SODIUM SULFAMETHINE see: WO9280000
SODIUM SULFANILAMIDE see: WP1225000
SODIUM 2-SULFANILAMIDOTHIAZOLE see: WP2450000
SODIUM SULFAPYMONOHYDRATE see: WD7175000
SODIUM SULFAPYRIDINE see: WD7175000
SODIUM SULFAPYRIMIDINE see: WP2000000
SODIUM SULFASOMIDINE see: WO9280000

WE1650000 SODIUM SULFATE (2:1)

UPDT:8407 CAS: 7757-82-6 MW: 142.04 MOLFM: O4-S 2Na
SYN: DISODIUM SULFATE * NATRIUMSULFAT (German) * SALT CAKE * SODIUM SULFATE ANHYDROUS * SODIUM SULPHATE * SULFURIC ACID, DISODIUM SALT * THENARDITE * TRONA

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 par-mus TDLo:60 mg/kg (8D preg) JPMSAE 62,1626,73

TOXICITY DATA AND REFERENCES:
orl-mus LD50:5989 mg/kg SKEZAP 4,15,63
ivn-mus LDLo:1220 mg/kg CLDND*

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SODIUM SULFATE ANHYDROUS see: WE1650000
SODIUM SULFATE DECAHYDRATE see: WS8402000
SODIUM SULFATHIAZOLE see: WP2450000
SODIUM SULFHYDRATE see: WE1900000

WE1900000 SODIUM SULFIDE

UPDT:840a CAS: 16721-80-5 MW: 56.06 MOLFM: H-Na-S
SYN: NA 2922 (DOT) * NA 2923 (DOT) * SODIUM BISULFIDE * SODIUM HYDROGEN SULFIDE * SODIUM HYDROSULFIDE * SODIUM HYDROSULFIDE, SOLUTION (DOT) * SODIUM HYDROSULPHIDE, with less than 25% water of crystallization (DOT) * SODIUM HYDROSULPHIDE, SOLID (DOT) * SODIUM MERCAPTAN * SODIUM MERCAPTIDE * SODIUM SULFHYDRATE * UN 2318 (DOT)

MUTATION DATA AND REFERENCES:
mmo-sat 2 umol/plate MUREAV 90,91,81
sln-dmg-orl 50 mmol/L MUREAV 90,91,81

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:30 mg/kg TXAPA9 55,198,80
1F24 ipr-mus LD50:18 mg/kg DCTODJ 1,327,78
3C08J26J30 scu-mus LD50:200 mg/kg JJPAAZ 3,99,54

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WE1905000 SODIUM SULFIDE (anhydrous)

UPDT:8401 CAS: 1313-82-2 MW: 78.04 MOLFM: Na2-S
SYN: SODIUM MONOSULFIDE * SODIUM SULPHIDE * SODIUM SULPHIDE, anhydrous or containing less than 30% water (DOT) * UN 1385 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0282-0435

WE1910000 SODIUM SULFIDE, hydrated, with at least 30% water

UPDT:8312 MW: 204.18 MOLFM: Na2-S .xH2-O

SYN: SODIUM SULPHIDE, hydrated, with at least 30% water (DOT) * UN 1849 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83

WE1911000 SODIUM SULFIDE, not less than 25% water of crystallization

UPDT:8403 CAS: 16721-80-5

SYN: SODIUM HYDROSULPHIDE, with not less than 25% water of crystallization (DOT) * UN 2949 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SODIUM SULFITE see: WE2150000

WE2150000 SODIUM SULFITE (2:1)

UPDT:8408 CAS: 7757-83-7 MW: 126.04 MOLFM: O3-S .2Na

SYN: ANHYDROUS SODIUM SULFITE * DISODIUM SULFITE * EXSICCATED SODIUM SULFITE * SULFTECH * NATRIUMSULFIT (German) * SODIUM SULFITE * SODIUM SULFITE ANHYDROUS * SODIUM SULPHITE * SULFUROUS ACID, SODIUM SALT (1:2)

MUTATION DATA AND REFERENCES:

	mmo-omi 600 ppm	POASAD 34,114,53
	dni-hmn:lym 10 mmol/L	CHRTBC 4,211,73
	cyt-mus:oth 25 mg/L	ENVRAL 9,84,75
	spm-mus:oth 25 mg/L	ENVRAL 9,84,75
	cyt-dom:oth 250 mg/L	ENVRAL 9,84,75
	cyt-ctl:oth 250 mg/L	ENVRAL 9,84,75
	spm-dom:oth 250 mg/L	ENVRAL 9,84,75
	spm-ctl:oth 250 mg/L	ENVRAL 9,84,75

TOXICITY DATA AND REFERENCES:

	ivn-rat LD50:115 mg/kg	JPETAB 101,101,51
*	ipr-mus LD50:950 mg/kg	ARZNAD 31,1713,81
	ivn-mus LD50:130 mg/kg	JPETAB 101,101,51
	scu-dog LDLo:1300 mg/kg	HBAMAK 4,1289,35
	scu-cat LDLo:1300 mg/kg	HBAMAK 4,1289,35
	ivn-cat LDLo:200 mg/kg	AHYGAJ 57,87,06
	orl-rbt LDLo:2825 mg/kg	AHYGAJ 57,87,06
	scu-rbt LDLo:300 mg/kg	AHYGAJ 57,87,06
	ivn-rbt LD50:65 mg/kg	JPETAB 101,101,51
	scu-gpg LDLo:600 mg/kg	HBAMAK 4,1289,35
	ivn-gpg LDLo:200 mg/kg	HBAMAK 4,1289,35
	ivn-ham LD50:95 mg/kg	JPETAB 101,101,51

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

SODIUM SULFITE ANHYDROUS see: WE2150000

SODIUM SULFOCYANATE see: XL2275000

SODIUM SULFOCYANIDE see: XL2275000

SODIUM SULFODI-(2-ETHYLHEXYL)-SULFOSUCCINATE see: WN0525000

SODIUM SULFOXYLATE see: JP2100000

SODIUM SULFOXYLATE FORMALDEHYDE see: PB0380000

SODIUM SULHYDRATE see: VZ2000000

SODIUM SULPHAMERAZINE see: WP0760000

SODIUM SULPHATE see: WE1650000

SODIUM SULPHIDE see: WE1905000

SODIUM SULPHIDE, anhydrous or containing less than 30% water (DOT) see: WE1905000

SODIUM SULPHIDE, hydrated, with at least 30% water (DOT) see: WE1910000

SODIUM SULPHITE see: WE2150000

WE2860010 SODIUM SUPEROXIDE

UPDT:8312 CAS: 12034-12-7 MW: 54.99 MOLFM: Na-O2

SYN: SODIUM SUPEROXIDE (DOT) * UN 2547 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.102,83

SODIUM SUPEROXIDE (DOT) see: WE2860010

SODIUM SURAMIN see: QM7000000

SODIUM TCA see: AJ9100000

SODIUM TCA INHIBITED see: AJ9100000

SODIUM TCA SOLUTION see: AJ7875000

WE3850000 SODIUM TELLURATE

UPDT:8208 CAS: 10101-83-4 MW: 237.58 MOLFM: O4-Te .2Na

SYN: SODIUM TELLURATE VI

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:385 mg/kg	HYSAAV 32,15,67
*	ipr-rat LDLo:20 mg/kg	TXAPA9 11,203,67
	ivn-rat LDLo:31 mg/kg	JPETAB 33,270,28
	orl-mus LD50:165 mg/kg	HYSAAV 32,15,67
	orl-rbt LD50:104 mg/kg	EQSSDX 1,1,75

REVIEW AND REFERENCES:

★ TLV-TWA 100 ug(Te)/m3 DTLWS* 4,386,82

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 100 ug(Te)/m3 (SCP-X) FEREAC 39,23540,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SODIUM TELLURATE(IV) see: WY2450000

SODIUM TELLURATE VI see: WE3850000

WE3920000 SODIUM TELLURATE, DIHYDRATE

UPDT:7901 CAS: 26006-71-3 MW: 273.62 MOLFM: O4-Te .2Na .2H2-O

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:74 mg/kg	COREAF 257,791,63

REVIEW AND REFERENCES:

★ TLV-TWA 100 ug(Te)/m3 DTLWS* 4,386,82

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 100 ug(Te)/m3 FEREAC 39,23540,74

SODIUM TELLURITE see: WY2450000

SODIUM TETRABORATE see: VZ2275000

SODIUM TETRABORATE DECAHYDRATE see: VZ2275000

SODIUM, (1,1,3,3-TETRACYANOALLYL)- see: UD1922000

SODIUM TETRADECYL SULFATE see: XB8660000

SODIUM TETRAFLUOROBORATE see: ED2975000

SODIUM TETRAHYDROALUMINATE(1-) see: BD0180000

SODIUM TETRAHYDROBORATE(1-) see: ED3325000

SODIUM TETRAIODOPHTHALATE see: TI3050000

WE5261000 SODIUM TETRANITRIDE (DOT)

UPDT:8308

STANDARDS & REGULATIONS: HAZARD

★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

SODIUM THEOPHYLLINE GLYCINATE see: MC1110000

SODIUM THIACETARSAMIDE see: AI6200000

SODIUM THIAZOLE-2-STIBINATE see: WJ0895000

SODIUM, (N(sup 1)-2-THIAZOLYLSULFANILAMIDO)- see: WP2450000

SODIUM THIMERFONATE see: OW3780000

SODIUM THIOACETATE see: AJ7565000

S-SODIUM THIOACETATE see: AJ7565000

SODIUM THIOCYANATE see: XL2275000

SODIUM THIOCYANIDE see: XL2275000

SODIUM THIOLACETATE see: AJ7565000

SODIUM THIOPENTAL see: CQ6475000

SODIUM THIOPENTOBARBITAL see: CQ6475000

SODIUM THIOPENTONE see: CQ6475000

SODIUM THYROXIN see: XP3583000

SODIUM THYROXINATE see: XP3583000

SODIUM THYROXINE see: XP3583000

SODIUM L-THYROXINE see: XP3583000

SODIUM TOLMETIN see: UX9290000

SODIUM p-TOLUENESULFONATE see: XT7350000

SODIUM p-TOLUENESULFONCHLORAMIDE TRIHYDRATE see: XT5617000

SODIUM p-TOLUENESULFONYLCHLORAMIDE TRIHYDRATE see: XT5617000

SODIUM p-TOLYL SULFONATE see: XT7350000

SODIUM TOSYLATE see: XT7350000

SODIUM TRICHLOROACETATE see: AJ9100000

SODIUM (TRICHLORACETATE DE) (French) see: AJ9100000

SODIUM 2,4,5-TRICHLOROPHENATE see: SN2750000

SODIUM, (2,4,5-TRICHLOROPHENOXY)- see: SN2750000

SODIUM TRICLOFOS see: KM4500000

WE7200000 SODIUM TRIFLUOROSTANNITE

UPDT:7901 CAS: 13782-22-4 MW: 198.68 MOLFM: F3-Sn .Na

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:18 mg/kg	CSLNX* NX#00131

REVIEW AND REFERENCES:

★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80

★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74

★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

SODIUM N-(3,4,5-TRIIODOBENZENESULFONYL)GLYCINATE see: MC1138000

SODIUM N-3,4,5-TRIIODOBENZENESULFONYLSULFANILATE see: WP3899500

SODIUM 3,3',5-TRIIODODISULFANILAMIDE see: JN9950000

SODIUM TRIIODOHYDROCINNAMATE see: MW5200000

SODIUM 3,7,12-TRIKETOCHOLANATE see: FZ2500000

SODIUM 3,7,12-TRIOXO-5-beta-CHOLANATE see: FZ2500000

SODIUM 3,7,12-TRIOXO-5-beta-CHOLAN-24-OATE see: FZ2500000

SODIUM TRIPHOSPHATE see: YK4900000

SODIUM TRIPOLYPHOSPHATE see: YK4900000

SODIUM TRISILICATE see: VV9275200

SODIUM TUNGSTATE see: YO7875000

SODIUM TUNGSTATE, DIHYDRATE see: YO7900000

SODIUM TUNGSTOPHOSPHATE see: TH5775000

SODIUM UROKON see: DG0888000

SODIUM VALPROATE see: YV7876000

SODIUM VANADATE see: YW1050000

SODIUM VANADATE TETRAHYDRATE see: YW1060000

SODIUM VERONAL see: CQ3850000

SODIUM VERSENATE see: AH4375000

SODIUM WARFARIN see: GN4725000

SODIUM XYLENESULFONATE see: ZE5100000

SODIUM ZIRCONIUM LACTATE see: OD5775000

SODIUM ZIRCONIUM OXIDE SULFATE see: ZI0350000

SODIUM ZIRCONYL SULPHATE see: ZI0350000

SODIUM ZOMEPIRAC see: UX9277000

SODIURETIC see: DK8225000

SODIZOLE see: WO9100000

SO-FLO see: WB0350000

SOFRIL see: WS4250000

SOFRO see: RQ2975000

SOFTENIL see: TI4375000

SOFTENON see: TI4375000

SOFTIL see: WN0525000

SOFTRAN see: TL0280000

SOG-4 see: AG0525000

SOHNHOFEN STONE see: EV9580000

SOILBROM-40 see: KH9275000

SOILBROM-85 see: KH9275000

SOILBROM-90 see: KH9275000

SOILBROM-100 see: KH9275000

SOILBROME-85 see: KH9275000

SOILBROM-90EC see: KH9275000

SOILFUME see: KH9275000

SOIL FUNGICIDE 1823 see: CZ4750000

SOILSIN see: OW3750000

SOIL STABILIZER 661 see: WL6478000

SOK see: FC5950000

SOK see: FB6825000

SOL see: TR0400000

SOL 90 see: TR0400000

SOL 95 see: TR0400000

SOLABAR see: CR0270000

SOLACIL see: RO0689000

SOLACTHYL see: GM7900000

SOLACTOL see: OD5075000

SOLADREN see: DO2625000

SOLAESTHIN see: PA8050000

SOLAFUR see: MU3871000

SOLAMIN see: BO7175000

SOLAMINE see: BO7175000

SOLAN see: YV9103000

SOLANCARPIDINE see: WF1300000

SOLANID-5-EN-3-beta,12-alpha-DIOL see: WF0300000

WF0250000 SOLANID-5-ENE, 3-beta-((O-6-DEOXY-alpha-L-MANNOPYRANOSYL-O-(beta-D-GLUCOPYRANOSYL-beta- D-GALACTOPYRANOSYL)OXY)-

UPDT:8310 CAS: 20562-02-1 MW: 868.19 MOLFM: C45-H73-N-O15

SYN: SOLANINE * alpha-SOLANIN * alpha-SOLANINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T53T46	ipr-rat TDLo:40 mg/kg (5-12D preg)	TJADAB 8,349,73
1T34	ipr-rat TDLo:40 mg/kg (5-12D preg)	TXAPA9 36,227,76
1T25	ipr-rat TDLo:80 mg/kg (5-12D preg)	TXAPA9 36,227,76
1T29	ipr-mus TDLo:100 mg/kg (7-11D preg)	JRPFA4 46,257,76

TOXICITY DATA AND REFERENCES:
unk-man LDLo:2941 ug/kg 85DCAI 2,73,70
orl-rat LD50:590 mg/kg TJADAB 8,349,73
* ipr-rat LD50:67 mg/kg TXAPA9 36,227,76
3C08J22K12 ipr-mus LD50:32 mg/kg FCTXAV 10,395,72
3F17J24J26 ipr-rbt LDLo:20 mg/kg TXAPA9 19,81,71
scu-rbt LDLo:5 mg/kg HBAMAK 4,1398,35
3F17J24J26 ivn-rbt LDLo:10 mg/kg TXAPA9 19,81,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FCTXAV 17,61,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WF0300000 SOLANID-5-ENE-3-beta,12-alpha-DIOL
UPDT:8306 CAS: 79-58-3 MW: 413.71 MOLFM: C27-H43-N-O2
SYN: delta(sup 5)-3-beta,12-alpha-DIHYDROXYSOLANIDENE * RUBIGERVINE * RUBIJERVINE * SOLANID-5-EN-3-beta,12-alpha-DIOL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-rbt TDLo:66700 ug/kg (7D preg) PSEBAA 136,1174,71
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:70 mg/kg JPETAB 82,167,44
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WF0400000 SOLANID-5-ENE-3-beta,12-alpha-DIOL, HYDROBROMIDE
UPDT:8403 MW: 494.63 MOLFM: C27-H43-N-O2 Br-H
SYN: delta(sup 5)-3-beta,12-alpha-DIHYDROXYSOLANIDENE HYDROBROMIDE * RUBIGERVINE HYDROBROMIDE * RUBIJERVINE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:70 mg/kg MEIEDD 10,1194,83

SOLANIDINE-S see: WF1300000
alpha-SOLANIN see: WF0250000
SOLANINE see: WF0250000
alpha-SOLANINE see: WF0250000
SOLANINE HYDROCHLORIDE see: LW5440300
SOLANIN HYDROCHLORIDE see: LW5440300
SOLANOCAPSIN see: WF0539000

WF0539000 SOLANOCAPSINE
UPDT:8308 CAS: 639-86-1
SYN: SOLANOCAPSIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg 85GDA2 8(2),219,82
* scu-mus LD50:300 mg/kg 85GDA2 8(2),219,82

SOLANTAL see: TL7050000
SOLANTHRENE BRILLIANT YELLOW see: HO7030000
SOLANTIN see: MU1050000
SOLANTINE BROWN BRL see: GL7375000
SOLANTOIN see: MU1050000
SOLANTOIN see: MU1400000
SOLANTYL see: MU1050000
SOLANTYL see: MU1400000

WF0660400 SOLANUM HISPIDUM Pers., extract
DEF:Indian plant belonging to the family SOLANACEAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:175 mg/kg IJEBA6 7,250,69

WF0660700 SOLANUM INDICUM Linn., extract
DEF:Indian plant belonging to the family SOLANACEAE (IJEBA6 6,232,68)
UPDT:8302
SYN: BRHATTA EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:900 mg/kg IJEBA6 6,232,68

WF0660800 SOLANUM NIGRUM L., extract
UPDT:8306
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 orl-rat TDLo:1400 mg/kg (14D male) NATWAY 52,483,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WF0660900 SOLANUM PSEUDOCAPSICUM L., extract excluding roots
UPDT:8408
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:2857 mg/kg JTEHD6 1,939,76

WF0660950 SOLANUM PSEUDOCAPSICUM L., fruit extract
DEF:Indian plant belonging to the family SOLANACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

WF0661000 SOLANUM SEAFORTHIANUM Ander., extract
DEF:Indian plant belonging to the family SOLANACEAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:750 mg/kg IJEBA6 7,250,69

WF0661100 SOLANUM SISYMBRIFOLIUM Lam., extract
DEF:Indian plant belonging to the family SOLANACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

WF0661500 SOLANUM SUBTRUNCATUM Wall., extract excluding roots
DEF:Indian plant belonging to the family SOLANACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:62500 ug/kg IJEBA6 12,512,74

SOLANUM TUBEROSUM L. see: TT7180000

WF0663000 SOLANUM TUBEROSUM, berries
UPDT:8306
SYN: POTATO 'APPLES'
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:677 gm/kg JPPMAB 32,79P,80
* orl-ckn LD50:588 gm/kg JPPMAB 32,79P,80

WF0664000 SOLANUM VERBASCIFOLIUM L., leaf and stem extract
DEF:Jamaican plant belonging to the family SOLANACEAE (JPPMAB 16,115,64)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:4 gm/kg JPPMAB 16,115,64

SOLAR 40 see: DB6825000
SOLAR 90 see: DB6825000
SOLAR BLUE 4GL see: QJ6430000
SOLAR BROWN PL see: GL7375000
SOLAR COATING VIOLET RMN47-3012 see: GE4518000
SOLAR FAST RED 3G see: QJ6030000
SOLAR LIGHT ORANGE GX see: QJ6500000
SOLAR PURE YELLOW 8G see: DE4098000
SOLAR ORANGE see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
SOLAR RED 0 see: QJ6550000
SOLAR RUBINE see: QK1925000
SOLARSON see: MJ8900000
SOLAR VIOLET 5BN see: BQ1140000
SOLAR VIOLET RCL see: GE4518000
SOLAR VIOLET RMN47-3612 see: GE4518000
SOLAR WINTER BAN see: TY2000000
SOLASAN 500 see: FC2100000
SOLASKIL see: NJ5960000

WF1300000 SOLASOD-5-EN-3-beta-OL
UPDT:8302 CAS: 126-17-0 MW: 413.71 MOLFM: C27-H43-N-O2
SYN: PURAPURIDINE * SOLANCARPIDINE * SOLANIDINE-S * SOLASODINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:120 mg/kg (6-9D preg) LANCAO 1,1187,73
2T41T25 orl-ham TDLo:1500 mg/kg (7D preg) BECTA6 15,522,76
1T41 orl-ham TDLo:1184 mg/kg (8D preg) RCOCB8 13,723,76
TOXICITY DATA AND REFERENCES:
1F17 orl-rat LD50:4978 mg/kg PCJOAU 11,1095,77
1F17 ipr-rat LD50:396 mg/kg PCJOAU 11,1095,77
1F17 ipr-mus LD50:899 mg/kg PCJOAU 11,1095,77
orl-ham LDLo:1200 mg/kg TJADAB 17,327,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SOLASODINE see: WF1300000
SOLASON see: MJ8900000
SOLAXIN see: DM5250000
SOLBAR see: CR0270000
SOLBAR see: CR0600000
SOLBROL A see: DH2190000
SOLBROL B see: DH1980000
SOLBROL M see: DH2450000
SOLBUTAMOL see: ZE4400000
SOLCAIN see: AN7525000
SOLDEP see: TA0700000
SOLDESAM see: TU4056000
SOLEAL see: UC1645000
SOLESTRIL see: UK6650000
SOLESTRO see: KG4050000
SOLEVAR see: RC8961200
SOLEVIONE ANASTRESS see: TZ0175000
SOLEX BROWN R see: GL7375000
SOLFARIN see: GN4550000
SOLFATO di CROMO 18IDRATO (Italian) see: WS7072000
SOLFATO DI 8-OSSICHINOLINA see: VC8260000
SOLFO BLACK B see: SL2800000
SOLFO BLACK BB see: SL2800000
SOLFO BLACK 2B SUPRA see: SL2800000
SOLFO BLACK G see: SL2800000
SOLFO BLACK SB see: SL2800000
SOLFONE see: LZ8100000
SOLFO SERPINE see: ZG0350000
SOLFOTON see: CQ6825000
SOLFURO di CARBONIO (Italian) see: FF6650000
SOLGANAL see: MD6475000
SOLGANAL B see: MD6475000

WF2890000 SOLIDAGO VIRGA-AUREA Linn., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 6,232,68)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:600 mg/kg IJEBA6 6,232,68

SOLID CROTONIC ACID see: GQ2800000
SOLID GREEN see: BP6825000
SOLID GREEN FCF see: BQ4425000
SOLIMIDIN see: NJ5758500
SOLIPHYLLINE see: GA7420000
SOLIUS LIGHT BROWN BRLL see: GL7375000
SOLIUS LIGHT BROWN BRS see: GL7375000
SOLIWAX see: WN0525000
SOLKETAL see: JI0400000
SOLLICULIN see: KG8575000
SOLMETHINE see: PA8050000
SOLNAPYRIN-A see: CD2480000
SOLO see: TH7350000
SOLOCHROMATE BLACK 6BN see: QK2195000
SOLOCHROME BLACK 6BN see: QK2195000
SOLOCHROME BLUE FB see: QK1925000
SOLOCHROME ORANGE M see: VO5310000
SOLOID see: AK0920000
SOLON see: AI8987000
SOLOSIN see: XH3850000
SOLOZONE see: WD3450000
SOL PHENOBARBITAL see: CQ7000000
SOL PHENOBARBITONE see: CQ7000000
SOLPRENE 300 see: WL6478000
SOLPRENE 303 see: WL6478000
SOLPRINA see: VB2360000
SOLPYRON see: VO0700000
SOL SODOWA KWASU LAURYLOBENZENOSULFONOWEGO (Polish) see: DB6825000
SOLSOL NEEDLES see: WT1050000
SOLUBLE BARBITAL see: CQ3850000
SOLUBLE FLUORESCEIN see: LM5425000
SOLUBLE FLUORESCEINE see: LM5425000
SOLUBLE GLUSIDE see: DE4550000
SOLUBLE GUN COTTON see: QW0970000
SOLUBLE INDIGO see: DU3000000
SOLUBLE IODOPHTHALEIN see: SM8400000
SOLUBLE PENTOBARBITAL see: CQ6125000
SOLUBLE PHENOBARBITAL see: CQ7000000
SOLUBLE PHENOBARBITONE see: CQ7000000
SOLUBLE PHENYTOIN see: MU1400000
SOLUBLE SACCHARIN see: DE4550000
SOLUBLE SULFADIAZINE see: WP2000000
SOLUBLE SULFAMERAZINE see: WP0760000
SOLUBLE SULFAPYRIDINE see: WD7175000
SOLUBLE SULFATHIAZOLE see: WP2450000
SOLUBLE THIOPENTONE see: CQ6475000
SOLUBLE VANDY E BROWN see: OP0915000
SOLUBOND 0-869 see: VG7110000
SOLUBOND 3520 see: VG7110000

SOLUCAMPHIRE see: TM2480000
SOLUCORT see: TU4153300
SOLU-CORTEF see: GM9015000
SOLUDAGENAN see: WD7175000
SOLU-DECADRON see: TU4056000
SOLU-DECORTIN see: TU4153500
SOLUFILIN see: XH5100000
SOLUFILINA see: XH5095500
SOLUFONE see: LW5920000
SOLUFYLLIN see: XH5100000
SOLUGLACIT see: TC2275000
SOLU-GLYC see: GM9015000
SOLUMEDINE see: WP0760000
SOLU-MEDROL see: TU4154060
SOLU-MEDRONE see: TU4154060
SOLUPHYLLIN see: XH5100000
SOLUPYRIDINE see: TZ2575000
SOLUSOL-75% see: WN0525000
SOLUSOL-100% see: WN0525000
SOLUSTIBOSAN see: CC7930000
SOLUTHRICIN see: YP2975000
SOLUTION CONCENTREE T271 see: XZ3850000
SOLUTION GLYCERYL TRINITRATE see: WG9532700
SOLUTION POTASSIUM IODOHYDRAGYRATE see: OU9670000
SOLUTRAST see: CZ2235000 1,3-BENZENEDICARBOXAMIDE, N,N'-BIS(2-HYDROXY-1-(HYDROXYMETHYL)ETHYL)-5-((2-HYDROXY-1- OXOPROPYL)AMINO)-2,4,6-TRIIODO-, (S)-
SOLUTRICINE see: YP2975000
SOLVANOL see: TI1050000
SOLVANOM see: TI1575000
SOLVANT YELLOW 33 see: GE5925000
SOLVAR see: TR8100000
SOLVARONE see: TI1575000
SOLVAT 14 see: XK8155000
SOLVENT 111 see: KJ2975000
SOLVENT ETHER see: KI5775000
SOLVENT NAPHTHA see: SE7555000
SOLVENT NAPHTHA (COAL) see: GF8635000
SOLVENT ORANGE 15 see: AR7600000
SOLVENT RED 19 see: QM2850000

WF6901500 SOLVENT REFINED COAL-I, process solvent
UPDT:8406
SYN: SRC-I, process solvent
MUTATION DATA AND REFERENCES:
otr-ham:emb 50 mg/L JTEHD6 11,591,83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 orl-rat TDLo:3300 mg/kg (12-16D preg) TJADAB 25(2),26A,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WF6901600 SOLVENT REFINED COAL-II, heavy distillate
DEF:High-boiling (550-850 degrees F) liquid material from solvent refined coal processes(TJADAB 27,47A,83)
UPDT:[illegible]
SYN: SOLVENT REFINED COAL MATERIALS, HEAVY DISTILLATE * SRC-II, heavy distillate
MUTATION DATA AND REFERENCES:
otr-ham:emb 5 mg/L JTEHD6 11,591,83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T75T81 orl-rat TDLo:3300 mg/kg (12-16D preg) TJADAB 25(2),26A,82
3T43T45T46 orl-rat TDLo:420 mg/kg (12-14D preg) TOLED5 18(Suppl 1),77,83
1T49 orl-rat TDLo:420 mg/kg (12-14D preg) TOLED5 18(Suppl 1),77,83
3T43T45T46 ihl-rat TCLo:660 mg/m3/6H (12-16D preg) TOLED5 18(Suppl 1),77,83
1T49 ihl-rat TCLo:660 mg/m3/6H (12-16D preg) TOLED5 18(Suppl 1),77,83
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1840 mg/kg JACTDZ 2(2),248,83
* ihl-rat LC50:3340 mg/m3/4H JACTDZ 2(2),248,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SOLVENT REFINED COAL MATERIALS, HEAVY DISTILLATE see: WF6901600
SOLVENT YELLOW 1 see: BY8225000
SOLVENT YELLOW 14 see: QL4900000
SOLVIC see: KV0350000
SOLVIC 223 see: KV0350000
SOLVIC 229 see: KV0350000
SOLVIC 239 see: KV0350000
SOLVIC 334 see: KV0350000
SOLVIC 340 see: KV0350000
SOLVIC 406 see: KV0350000
SOLVIC 523KC see: AK0950000
SOLVIC PA 513 see: AK0950000
SOLVIC 513PB see: AK0950000
SOLVINC PA 513 see: AK0950000
SOLVIREX see: TD9275000
SOLVOLSOL see: KK8750000
SOLYACORD see: QS4375000
SOLYPERTINE TARTRATE see: JI4660000
SOLYUSURMIN see: CC7930000
SOMA see: FB3325000
SOMA see: AM4375000
SOMACTON see: TO7385000
SOMADRIL see: FB3325000
SOMALGIT see: FB3325000
SOMALIA ORANGE I see: QL4900000
SOMALIA ORANGE A2R see: QL5850000
SOMALIA ORANGE 2R see: QL5850000
SOMALIA RED III see: QK4250000
SOMALIA RED IV see: QL5775000
SOMALIA YELLOW A see: BX7350000
SOMALIA YELLOW 2G see: BY8225000
SOMALIA YELLOW R see: XU8800000
SOMAN see: TA8750000
SOMANIL see: FB3325000
SOMAR see: PA2275000

WF8751700 SOMATOSTATIN
UPDT:8402 CAS: 51110-01-1
SYN: AY 24910 * PANHIBIN * SOMATOSTATIN 14 * SRIF
TOXICITY DATA AND REFERENCES:
2A11F07 ivn-rat LD50:21 mg/kg TOLED5 17,145,83
2A11F07 ivn-mus LD50:33 mg/kg TOLED5 17,145,83

SOMATOSTATIN 14 see: WF8751700
SOMATOSTATIN, (DES-ALA(sup 1),GLY(sup 2))-HIS(sup 4,5)-D-TRP(sup 8)- see: WF8760000

WF8760000 SOMATOSTATIN (SHEEP), 1-DE-L-ALANINE-2-DEGLYCINE-4-L-HISTIDINE-5-L-HISTIDINE-8-D-TRYPTOPHAN-
UPDT:8305 CAS: 68463-41-2 MW: 1541.95 MOLFM: C73-H92-N18-O16-S2
SYN: (DES-ALA(sup 1),GLY(sup 2))-HIS(sup 4,5)-D-TRP(sup 8)-SOMATOSTATIN * (DES-ALA(sup 1),GLY(sup 2))-HIS(sup 4,5)-D-TRP(sup 8)-SRIF * SOMATOSTATIN, (DES-ALA(sup 1),GLY(sup 2))-HIS(sup 4,5)-D-TRP(sup 8)- * WY-41,747
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T19 scu-rat TDLo:900 ug/kg (2D pre) NATUAS 284,342,80
1T09 scu-rat TDLo:900 ug/kg (2D male) NATUAS 284,342,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SOMATOTROPHIC HORMONE see: TO7385000
SOMATOTROPHIN see: TO7385000
SOMATOTROPIC HORMONE see: TO7385000
SOMATOTROPIN see: TO7385000
SOMAZINA see: GA4027000
SOMBEROL see: VA3850000
SOMBREVIN see: AG9625000
SOMBUCAPS see: CQ2625000
SOMBULEX see: CQ2625000
SOMBUTOL see: CQ6825000
SOMELIN see: RQ5831500
SOMETAM see: FC2100000
SOMIO see: FM9450000
SOMIPRONT see: PV6210000
SOMLAN see: DF0875000
SOMNAFAC see: VA3850000
SOMNALERT see: CQ2625000
SOMNASED see: DF2450000
SOMNESIN see: SC4900000
SOMNIBEL see: DF2450000
SOMNICAPS see: UT1750000
SOMNI SED see: FM8750000
SOMNITE see: DF2450000
SOMNOLENS see: CQ6825000
SOMNOLETTEN see: CQ6825000
SOMNOMED see: VA3850000
SOMNOPENTYL see: CQ6125000
SOMNOS see: FM8750000
SOMNOSAN see: CQ6825000
SOMNUROL see: YS3150000
SOMONAL see: CQ6825000
SOMONIL see: TE2100000
SOMOPHYLLIN see: XH5600000
SOMOPHYLLIN O see: XH5600000
SOMRAJ SEED EXTRACT (Indian) see: FJ9030000
SOMSANIT see: ET4750000
SONACIDE see: MA2450000
SONACON see: DF1575000
SONA EXTRACT (Indian) see: OE0190000
SONAFORM see: CQ2975000
SONAL see: VA3850000
SONAPAX see: SP2100000
SONATE see: CF9625000
SONAZINE see: SO1750000
SONBUTAL see: CQ0700000
SONEBON see: DF2450000
SONERILE see: CQ1575000
SONERYL see: CQ1575000

WG0780000 SONGORINE
UPDT:8403 CAS: 509-24-0 MW: 357.54 MOLFM: C22-H31-N-O3
SYN: NAPELLONINE * ZONGORINE
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:142 mg/kg MEIEDD 10,1247,83

SONISTAN see: CQ6125000

WG0795000 SONNERATIA APETALA Buch.-Ham., extract excluding roots
DEF:Indian plant belonging to the family LYTHRACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

WG0800000 SONNERATIA CASEOLARIS Engl., extract excluding roots
DEF:Indian plant belonging to the family SONNERATIACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

SONNOLIN see: DF2450000
SONNORMON see: SC4900000
SONTEC see: FM8750000
SONTOBARBITAL NABITONE see: CQ6125000
SOPAQUIN see: VB2360000
SOPENTAL see: CQ6125000
SOPHIA see: RC9020000
SOPHIAMIN see: DE9450000
SOPHOJAPONICUM see: JI4634180

WG1175000 SOPHORA GLAUCA Lesch., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
3D35H01J30 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

WG1180000 SOPHORA SECUNDIFLORA, seeds
UPDT:8403
SYN: MESCALBEANS
TOXICITY DATA AND REFERENCES:
par-rat LDLo:1250 mg/kg JPMSAE 65(3),352,76
3F12F19J30 orl-mus LD50:1400 mg/kg LLOYA2 40,374,77

SOPHORETIN see: LK8750000
SOPHORICOL see: NR2392000
SOPHORIN see: VM2975000
SOPHORINE see: HA4025000
SOPOR see: VA3850000
SOPP see: DV7700000
SOPRABEL see: CG0980000
SOPRACOL see: NY2800000
SOPRACOL 781 see: NY2800000
SOPRANEBE see: OP0700000
SOPRATHION see: TE4550000
SOPRATHION see: TF4550000
SOPRINAL see: CQ3850000
SOPRINTIN see: OB2275000
SOPROCIDE see: GV4950000
SOPRONTIN see: OB2275000
SOPROTIN see: OB2275000

WG1900000 SOPUBIA DELPHINIIFOLIA (L.) G. Don, extract
DEF:Indian plant belonging to the family VITACEAE (IJEBA6 18,594,80)
UPDT:8412

TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:1 gm/kg IJEBA6 18,594,80

WG1925000 SORBALDEHYDE
UPDT:8407 CAS: 142-83-6 MW: 96.14 MOLFM: C6-H8-O
SYN: HEXA-2,4-DIENAL * 1,3-PENTADIENE-1-CARBOXALDEHYDE * SOBIC ALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 10,61,54
eye-rbt 750 ug open SEV AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:730 mg/kg AMIHBC 10,61,54
* ihl-rat LCLo:2000 ppm/4H AMIHBC 10,61,54
skn-rbt LD50:270 mg/kg AMIHBC 10,61,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WG1960000 SORBARIA SORBIFOLIA A. Br., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:250 mg/kg IJEBA6 9,91,71
SORBA-SPRAY Mn see: OP1050000
SORBESTER P 17 see: WG2932400

WG2100000 SORBIC ACID
UPDT:8412 CAS: 110-44-1 MW: 112.14 MOLFM: C6-H8-O2
SYN: ACETIC ACID, (2-BUTENYLIDENE)- * ACETIC ACID, CROTYLIDENE- * HEXADIENIC ACID * HEXADIENOIC ACID * 2,4-HEXADIENOIC ACID * trans-trans-2,4-HEXADIENOIC ACID * 1,3-PENTADIENE-1-CARBOXYLIC ACID * 2-PROPENYLACRYLIC ACID * SORBISTAT
IRRITATION DATA AND REFERENCES:
skn-man 150 mg/1H SEV JPPMAB 10,719,58
skn-rbt 1 mg SEV UCDS** 7/14/65
MUTATION DATA AND REFERENCES:
cyt-ham:lng 1050 mg/L FCTOD7 22,501,84
sce-ham:lng 1050 mg/L FCTOD7 22,501,84
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T12 orl-rat TDLo:4154 gm/kg (2Y pre) FCTXAV 13,31,75
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:1040 mg/kg/65W-I BJCAAI 20,134,66
TOXICITY DATA AND REFERENCES:
orl-rat LD50:7360 mg/kg JIHTAB 30,63,48
ipr-mus LD50:2820 mg/kg JPPMAB 21,85,69
scu-mus LD50:2820 mg/kg JPPMAB 21,85,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WG2160000 SORBIC ACID, POTASSIUM SALT
UPDT:8412 CAS: 590-00-1 MW: 150.23 MOLFM: C6-H7-O2 .K
SYN: 2,4-HEXADIENOIC ACID POTASSIUM SALT * POTASSIUM SORBATE * SORBISTAT-K * SORBISTAT-POTASSIUM
MUTATION DATA AND REFERENCES:
cyt-ham:lng 10 gm/L ARTODN (Suppl 4),41,80
cyt-ham:fbr 4 gm/L/48H MUREAV 48,337,77
sce-ham:lng 10 gm/L FCTOD7 22,501,84
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4920 mg/kg FAONAU 40,61,67
ipr-mus LD50:1300 mg/kg FAONAU 53A,121,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

WG2220000 SORBIC ACID, SODIUM SALT
UPDT:8412 CAS: 7757-81-5 MW: 134.12 MOLFM: C6-H7-O2 .Na
SYN: SODIUM SORBATE
MUTATION DATA AND REFERENCES:
cyt-ham:lng 400 mg/L FCTOD7 22,501,84
sce-ham:lng 200 mg/L FCTOD7 22,501,84
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:7160 mg/kg JIHTAB 30,63,48
ipr-mus LD50:2500 mg/kg FAONAU 53A,121,74
SORBIC ALCOHOL see: MM3325000
SORBIC OIL see: UQ0525000
SORBIMACROGOL LAURATE 300 see: TR7400000
SORBIMACROGOL OLEATE 300 see: WG2932500
SORBIMACROGOL TRISTEARATE 300 see: WG2934600
SORBINIC ALCOHOL see: MM3325000
SORBISTAT see: WG2100000
SORBISTAT-K see: WG2160000
SORBISTAT-POTASSIUM see: WG2160000
SORBITAN C see: WG2933500
SORBITAN, MONODODECANOATE see: WG2920000
SORBITAN, MONODODECANOTE, POLY(OXY-1,2-ETHANEDIYL) DERIVATIVES see: TR7400000
SORBITAN, MONOHEXADECANOATE, POLY(OXY-1,2-ETHANEDIYL) DERIVS. see: WG2933000

WG2920000 SORBITAN, MONOLAURATE
UPDT:8408 CAS: 1338-39-2 MW: 346.52 MOLFM: C18-H34-O6
SYN: SORBITAN, MONODODECANOATE * SPAN 20
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:86240 mg/kg (14D male) FCTXAV 16,519,78
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:1350 mg/kg/24W-I SCIEAS 120,1075,54
3V02R60V10 skn-mus TD :2000 mg/kg/25W-I NCIMAV 10,489,63
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WG2931000 SORBITAN, MONOLAURATE POLYOXYETHYLENE deriv.
UPDT:8401 CAS: 9005-64-5
SYN: POLYOXYETHYLENE SORBITAN MONOLAURATE * TWEEN 20
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 ipr-mus TDLo:1 gm/kg (9D preg) ZNCBDA 36C,904,81
1T25 ipr-mus TDLo:2500 mg/kg (9D preg) ZNCBDA 36C,904,81
1T59 ipr-mus TDLo:1 gm/kg (9D preg) TJADAB 26(3),19A,82
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:3850 mg/kg ARZNAD 26,1581,76
ipr-rat LDLo:3000 mg/kg JPPMAB 11,150,59
ivn-rat LD50:1450 mg/kg FAONAU 53A,257,74
* ipr-mus LD50:2640 mg/kg ARZNAD 26,1581,76
* ivn-mus LD50:2970 mg/kg ARZNAD 26,1581,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SORBITAN, MONOOCTADECANOATE (9CI) see: WG2933500
SORBITAN, MONOOCTADECANOATE, POLY(OXY-1,2-ETHANEDIYL) DERIVS. see: WG2934000
SORBITAN, MONO-9-OCTADECENOATE see: WG2932400

WG2932400 SORBITAN, MONOOLEATE
UPDT:8408 CAS: 1338-43-8 MW: 428.68 MOLFM: C24-H44-O6
SYN: ARLACEL 80 * ARLACEL A * ARMOTAN MO * EMSORB 2500 * GLYCOMUL O * IONET S-80 * LIPOSORB O * LIPOSORB O-20 * ML 33F * ML 55F * MONODEHYDROSORBITOL MONOOLEATE * MONTAN 80 * NIKKOL SO 10 * NIKKOL SO-15 * NIKKOL SO-30 * NONION OP80R * O 250 * SORBESTER P 17 * SORBITAN MONOOLEIC ACID ESTER * SORBITAN, MONO-9-OCTADECENOATE * SORBITAN O * SORBITAN OLEATE * SORGEN 40 * SPAN 80
MUTATION DATA AND REFERENCES:
dni-hmn:lym 100 ppm BBRCA9 45,630,71
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:254 gm/kg (42D male) FCTXAV 16,535,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WG2932500 SORBITAN, MONOOLEATE POLYOXYETHYLENE deriv.
UPDT:8412 CAS: 9005-65-6
SYN: ARMOTAN PMO-20 * CAPMUL POE-O * DREWMULSE POE-SMO * EMSORB 6900 * GLYCOSPERSE O-20 * GLYCOSPERSE O-20 VEG * GLYCOSPERSE O-20X * LIPOSORB O-20 * NCI-C60286 * POLYSORBATE 80 * POLYSORBATE 80 B.P.C. * POLYSORBATE 80, U.S.P. * PROTASORB O-20 * SORBIMACROGOL OLEATE 300 * TWEEN 80
IRRITATION DATA AND REFERENCES:
eye-rbt 150 mg MLD AROPAW 40,668,48
MUTATION DATA AND REFERENCES:
dni-hmn:lym 20 ppm BBRCA9 45,630,71
dni-mus:oth 20 ppm ENPBBC 5,84,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T75T76 orl-rat TDLo:635 gm/kg (MGN) JONUAI 60,489,56
1T75 orl-rat TDLo:1270 gm/kg (84D pre-21D post) JONUAI 60,489,56
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:10 gm/kg/27W-I FCTXAV 9,463,71
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:1790 mg/kg FAONAU 53A,257,74
* orl-mus LD50:25 gm/kg BCFAAI 101,173,62
ipr-mus LD50:8210 mg/kg ARZNAD 6,119,56
* ivn-mus LDLo:1 gm/kg JAPMA8 45,685,56
2F05G30 ivn-dog LDLo:500 mg/kg ARZNAD 28,1586,78
2F05G30 ivn-cat LDLo:500 mg/kg ARZNAD 28,1586,78
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ARTODN 32,245,74
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SORBITAN MONOOLEIC ACID ESTER see: WG2932400

WG2933000 SORBITAN, MONOPALMITATE POLYOXYETHYLENE deriv.
UPDT:8406 CAS: 9005-66-7 MW: 1283.84 MOLFM: C62-H122-O26
SYN: POLYOXYETHYLENE SORBITAN MONOPALMITATE * TWEEN 40 * POLYOXYETHYLENE 20 SORBITAN MONOPALMITATE * POLYSORBATE 40 * SORBITAN, MONOHEXADECANOATE, POLY(OXY-1,2-ETHANEDIYL) DERIVS.
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:1580 mg/kg FAONAU 53A,257,74
* ivn-mus LD50:50 gm/kg BCFAAI 101,173,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WG2933500 SORBITAN, MONOSTEARATE
UPDT:8403 CAS: 1338-41-6 MW: 430.70 MOLFM: C24-H46-O6
SYN: ANHYDROSORBITOL STEARATE * ARLACEL 60 * ARMOTAN MS * CRILL 3 * CRILL K 3 * DREWSORB 60 * DURTAN 60 * EMSORB 2505 * D-GLUCITOL, ANHYDRO-, MONOOCTADECANOATE * GLYCOMUL S * HODAG SMS * IONET S 60 * LIPOSORB S * LIPOSORB S-20 * MONTANE 60 * MS 33 * MS 33F * NEWCOL 60 * NIKKOL SS 30 * NISSAN NONION SP 60 * NONION SP 60 * NONION SP 60R * RIKEMAL S 250 * SORBITAN C * SORBITAN, MONOOCTADECANOATE (9CI) * SORBITAN STEARATE * SORBON S 60 * SORGEN 50 * SPAN 55 * SPAN 60
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T75T76 orl-rat TDLo:635 gm/kg (MGN) JONUAI 60,489,56
1T75 orl-rat TDLo:1270 gm/kg (84D pre-21D post) JONUAI 60,489,56
TOXICITY DATA AND REFERENCES:
orl-rat LD50:31 gm/kg FOREAE 21,348,56
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WG2934000 SORBITAN, MONOSTEARATE POLYOXYETHYLENE deriv.
UPDT:8411 CAS: 9005-67-8 MW: 1311.90 MOLFM: C64-H126-O26
SYN: CAPMUL * GLYCOSPERSE S-20 * LIPOSORB S-20 * POLYOXYETHYLENE SORBITAN MONOSTEARATE * POLYOXYETHYLENE 20 SORBITAN MONOSTEARATE * POLYSORBATE 60 * SORBITAN, MONOOCTADECANOATE, POLY(OXY-1,2-ETHANEDIYL) DERIVS * TWEEN 60
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T75T76 orl-rat TDLo:635 gm/kg (MGN) JONUAI 60,489,56
1T75 orl-rat TDLo:1270 gm/kg (84D pre-21D post) JONUAI 60,489,56
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:2100 mg/kg/7W-I 13BYAH -,83,62
3V03R60V10 skn-mus TDLo:168 gm/kg/35W-I JNCIAM 25,607,60
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:1220 mg/kg FAONAU 53A,256,74
* ivn-mus LDLo:1 gm/kg JAPMA8 45,685,56
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ALLVAR 50,77,62; ZKKOBW 78,99,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SORBITAN O see: WG2932400
SORBITAN OLEATE see: WG2932400
SORBITAN STEARATE see: WG2933500
SORBITAN, TRIOCTADECANOATE, POLY(OXY-1,2-ETHANEDIYL) derivs. (9CI) see: WG2934600

WG2934600 SORBITAN, TRISTEARATE, POLYOXYETHYLENE derivs.
UPDT:8411 CAS: 9005-71-4
SYN: EMSORB 6907 * GLYCOSPERSE TS 20 * POLYSORBATE 65 * SORBIMACROGOL TRISTEARATE 300 * SORBITAN, TRIOCTADECANOATE, POLY(OXY-1,2-ETHANEDIYL, derivs. (9CI) * TWEEN 65
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T75T76 orl-rat TDLo:635 gm/kg (MGN) JONUAI 60,489,56
1T75 orl-rat TDLo:1270 gm/kg (84D pre-21D post) JONUAI 60,489,56
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WG2965000 SORBITOL, 1-DEOXY-1-(4,5-DICHLORO-2-NITROANILINO)-
UPDT:8406 MW: 371.20 MOLFM: C12-H16-Cl2-N2-O7
SYN: D-GLUCITOL, 1-DEOXY-1-(4,5-DICHLORO-2-NITROANILINO)- * N-(2-NITRO-4,5-DICHLOROPHENYL)-D-GLUCAMINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:800 mg/kg JAPMA8 48,419,59
SORBITOL NITRE (French) see: LZ4396000

WG3170000 SORBOHYDROXAMIC ACID
UPDT:8308 CAS: 4076-62-4 MW: 127.16 MOLFM: C6-H9-N-O2

SYN: 2,4-HEXADIENAMIDE, N-HYDROXY- * 2,4-HEXADIENOHYDROXAMIC ACID * 2,4-HEXADIENOHYDROXIMIC ACID * SORBOHYDROXIMIC ACID * SORBYHYDROXAMIC ACID

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2460 mg/kg	TXAPA9 28,313,74

SORBOHYDROXIMIC ACID see: WG3170000
SORBON S 60 see: WG2933500

WG3220050 SORBUS FOLIOLOSA (Wall.) Spach., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 11,43,73)
UPDT:8302

TOXICITY DATA AND REFERENCES:

1U26	ipr-mus LD50:500 mg/kg	IJEBA6 11,43,73

SORBYHYDROXAMIC ACID see: WG3170000
SORBYL ACETATE see: AI0350000
SORBYL ALCOHOL see: MM3325000
SOREFLON 604 see: KX4025000
SOREFLON 5A see: KX4025000
SORGEN 40 see: WG2932400
SORGEN 50 see: WG2933500
SORGHUM GUM see: GM5090000
SORGOPRIM see: XY4550000
SORIDERMAL see: SN5100000
SORIPAL see: SN5100000
SOROT see: VA0700000
SORREL SALT see: RO3600000
SORSAKA see: CA1183000
SOS see: WT1175000
SOSIGON see: PB8750000
SOSOL see: WO9100000
SOSPITAN see: FC7530000
SOTACOR see: PB0826000
SOTALEX see: PB0826000
SOTALOL see: PB0826000
SOTALOL HYDROCHLORIDE see: PB0826000
SOTERENOL see: PB0800000
SOTERENOL HYDROCHLORIDE see: PB0822000
SOTIPOX see: TA0700000
SOTRADECOL see: YQ2800000
SOTYL see: CQ6125000
SOUDAN I see: QL4900000
SOUDAN II see: QL5850000
SOUDAN III see: QK4250000
SOUFRAMINE see: SN5075000
SOUP see: QX2100000
SOUS-AZOTE de CARBONE (French) see: AO9860000 ACETYLENEDICARBONITRILE
SOUTHERN BAYBERRY see: ZC0320000
SOUTHERN BENTONITE see: CT9450000
SOVCAIN see: GD3325000
SOVCAINE see: GD3325000
SOVCAINE see: GD3150000
SOVCAINE HYDROCHLORIDE see: GD3325000
SOVERIN see: VA3850000
SOVIET TECHNICAL HERBICIDE 2M-4C see: AG1575000
SOVIOL see: AK0920000
SOVKAIN see: GD3325000
SOVOCAINE see: GD3325000
SOVOCAINE HYDROCHLORIDE see: GD3325000
SOVOL see: TQ1350000
SOVPRENE see: EI9660000
SOWA FRUIT EXTRACT (Indian) see: BW1120000
SOWBUG & CUTWORM BAIT see: GL6475000
SOWBUG CUTWORM CONTROL see: GL6475000
SOWELL see: TZ0175000
SOXAMIDE see: WO9100000
SOXINAL PZ see: ZH0525000
SOXINOL PZ see: ZH0525000
SOXISOL see: WO9100000
SOXITABS see: WO9100000
SOXO see: WO9100000
SOXOMIDE see: WO9100000
SOXYSYMPAMINE see: SH5075000
SOXYSYMPAMINE see: SH5425000
SOYA-BEAN OIL see: WG4862000

WG4862000 SOYBEAN OIL
UPDT:8408 CAS: 8001-22-7
SYN: DEGUMMED SOYBEAN OIL * SOYA-BEAN OIL * SOYBEAN OIL DEGUMMED

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:16500 mg/kg	NIIRDN 6,434,82
*	ivn-mus LD50:22100 mg/kg	NIIRDN 6,434,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SOYBEAN OIL DEGUMMED see: WG4862000
SOYEX see: KO2750000

WG4872000 SOYMIDA FEBRIFUGA A. Juss., stem bark extract
DEF:Indian plant belonging to the family MELIACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: ROHAN STEM BARK EXTRACT

TOXICITY DATA AND REFERENCES:

1H30	ipr-mus LD50:250 mg/kg	IJEBA6 9,91,71

SP see: DA9520000
SP 60 see: KV0350000
SP 60 see: AK0920000
SP 104 see: HP8225000
SP-123 see: UQ8976200
SP-124 see: UQ8976600
SP-125 see: UQ8976400
S.P. 147 see: SA6475000
SP 489 see: KV9750000
S 640P see: XI0340000
SP 725 see: DP4900000
SP-1103 see: GZ1730000
SPA see: KR5920000
SPAMOL see: UY1925000
SPAN 20 see: WG2920000
SPAN 55 see: WG2933500
SPAN 60 see: WG2933500
SPAN 80 see: WG2932400
SPANBOLET see: WO9275000
SPANESTRIN see: RC8925000
SPANISH BROOM see: LY0218000
SPANISH MARJORAM OIL see: OP9700000
SPANISH THYME OIL see: XP2050000
SPANON see: LQ4375000
SPANONE see: LQ4375000
SPANTOL see: UB9275000
SPANTRAN see: TZ0175000
SPARIC see: SJ9800000
SPARICON see: YM3500000
SPARINE see: SO7000000

WG5850000 SPARSOMYCIN
UPDT:8309 CAS: 1404-64-4 MW: 361.47 MOLFM: C13-H19-N3-O5-S2
SYN: NSC 59729 * U-19183

MUTATION DATA AND REFERENCES:

	dnd-esc 20 umol/L	MUREAV 89,95,81

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:22 mg/kg	UPJOH* 2,-,71
	ipr-mus LD50:2400 ug/kg	CNCRA6 30,9,63
	ivn-mus LD50:4 mg/kg	UPJOH* 2,-,71
	unk-mus LDLo:2400 ug/kg	ARZNAD 17,693,67
	ivn-dog LD50:1 mg/kg	UPJOH* 2,-,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 2,159,73

SPARSOMYCIN A see: UY8870000
SPARTAKON see: NJ5950000
SPARTASE see: CI9460000
SPARTEINE see: WG5950000

WG5950000 SPARTEINE, (-)-
UPDT:8406 CAS: 90-39-1 MW: 234.43 MOLFM: C15-H26-N2
SYN: LUPINIDINE * 7,14-METHANO-2H,6H-DIPYRIDO(1,2-a:1',2'-e)(1,5)DIAZOCINE, DODECAHYDRO- * 6-beta,7-alpha,9-alpha,11-alpha-PACHYCARPINE * SPARTEINE * (-)-SPARTEINE * l-SPARTEINE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:960 mg/kg	AIPTAK 210,27,74
	ipr-rat LD50:42 mg/kg	CLDND*
1F13	orl-mus LD50:350 mg/kg	ARZNAD 30,1497,80
*	ipr-mus LD50:55 mg/kg	ARZNAD 30,1497,80
*	ivn-mus LD50:17400 ug/kg	ARZNAD 30,1497,80
	scu-rbt LDLo:100 mg/kg	HBAMAK 4,1398,35
	ivn-rbt LDLo:30 mg/kg	HBAMAK 4,1398,35
	scu-pgn LDLo:86 mg/kg	HBAMAK 4,1398,35
	scu-frg LDLo:3330 mg/kg	HBAMAK 4,1398,35
	ims-frg LDLo:1665 mg/kg	HBAMAK 4,1398,35

SPARTEINE, d-isomer see: RT0620000
(-)-SPARTEINE see: WG5950000
d-SPARTEINE see: RT0620000
l-SPARTEINE see: WG5950000

WG6390000 SPARTEINE, 17-OXO-
UPDT:8402 CAS: 489-72-5 MW: 248.41 MOLFM: C15-H24-N2-O
SYN: OXOSPARTEINE * l-17-OXOSPARTEINE * 17-OXOSPARTEINE * OXYSPARTEINE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:468 mg/kg	JAFCAU 30,796,82

WG6430000 SPARTEINE, SULFATE
UPDT:8412 CAS: 299-39-8 MW: 332.51 MOLFM: C15-H26-N2 .H2-O4-S
SYN: SPARTOCIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T13T16	ims-wmn TDLo:3 mg/kg (39W preg)	AJOGAH 105,304,39
1T71	ims-wmn TDLo:6 mg/kg (39W preg)	AJOGAH 89,263,64

TOXICITY DATA AND REFERENCES:

3F12F20F23	ivn-rat LD50:30400 ug/kg	JJPAAZ 16,353,66
	ipr-mus LD50:43 mg/kg	JMCMAR 20,1668,77
3F12F20F23	scu-mus LD50:117 mg/kg	JJPAAZ 16,353,66
3F12F20F23	ivn-mus LD50:15 mg/kg	JJPAAZ 16,353,66

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WG6450000 SPARTEINIUM, 5-METHYL-, IODIDE
UPDT:8308 MW: 376.37 MOLFM: C16-H29-N2 .I
SYN: IODOMETHYLATE de SPARTEINE (French) * 5-METHYLSPARTEINIUM IODIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:8 mg/kg	AIPTAK 84,237,50

SPARTOCIN see: WG6430000
SPARTOLOXIN see: TZ1225000
SPARTOLOXYN see: TZ1225000
SPA-S 132 see: RW5690000
SPA-S-160 see: RW5692000
SPA-S-160 see: RW7750000
SPASEPILIN see: CQ6825000
SPASMALEX see: DT7361000
SPASMAMIDE see: ON9110800
SPASMEDAL see: NS5950000
SPASMENTRAL see: MA4030000
SPASMEX see: WH1317560
SPASMEXAN HYDROCHLORIDE see: TX7150000
SPASMIONE see: OO8200000
SPASMO 3 see: WH1317560
SPASMOCYCLON see: OO8200000
SPASMOCYCLONE see: OO8200000
SPASMODEX see: DT7361000
SPASMODOLIN see: NS5950000
SPASMOLYN see: TZ1225000
SPASMOLYSIN see: XH5907500
SPASMOLYTIN see: AH2624000
SPASMOLYTIN see: AH2625000
SPASMOLYTIN HYDROCHLORIDE see: AH2625000
SPASMOPHEN see: BP7625000
SPASNIL see: AH2625000
SPASTON see: BR1210000
SPASURET see: DJ2450000

WG7300000 SPATHODEA CAMPANULATA Beauv., leaf and stem extract
DEF:Jamaican plant belonging to the family BIGNONIACEAE (JPPMAB 14,556,62)
UPDT:8405

TOXICITY DATA AND REFERENCES:

1H02	ipr-mus LDLo:40 gm/kg	JPPMAB 14,556,62

SPAVIT see: DJ2900000
SP 60 (CHLOROCARBON) see: KV0350000
SPE 2792 see: NK5775300

WG7360000 SPEARMINT OIL
UPDT:8305 CAS: 8008-79-5
SYN: OIL of SPEARMINT

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	FCTXAV 16,871,78
	skn-gpg 100% MLD	FCTXAV 16,871,78

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:5 gm/kg	FCTXAV 16,871,78

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
SPECIAL BLUE X 2137 see: QM2850000
SPECIAL ORANGE GR see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
SPECIAL ORANGE H see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
SPECIAL TERMITE FLUID see: CZ4500000
SPECIFEN see: QN2885000
SPECILLINE G see: XH9400000
SPECTABILINE HYDROCHLORIDE see: RC1260000
SPECTABILINE (SENECIO) HYDROCHLORIDE see: RC1260000
SPECTAZOLE see: NI4450000
SPECTINOMYCIN DIHYDROCHLORIDE see: UQ0333500
SPECTINOMYCIN HYDROCHLORIDE see: UQ0333500
SPECTRACIDE see: TF3325000
SPECTRAR see: NT8050000
SPECTRA-SORB UV 9 see: DJ1575000
SPECTROBID see: XH8490000
SPECTROLENE BLUE B see: DD0875000
SPECTROLENE RED KB see: XU5075000
SPECULAR IRON see: NO7400000
SPEED see: SH5075000
SPENCER 401 see: TQ9800000
SPENCER 601 see: TQ9800000
SPENCER S-6538 see: TF6125000
SPENCER S-6900 see: TE1050000
SPENITOL see: QD9815000
SPENKEL see: TR7875000
SPENLITE see: TR7875000
SPENT SULFURIC ACID (DOT) see: WS5600000
SPERGON see: DK6825000
SPERGON I see: DK6825000
SPERGON TECHNICAL see: DK6825000
SPERGUALIN see: MI7602000
SPERLOX-S see: WS4250000
SPERLOX-Z see: ZH3325000
SPERMINE see: EJ7175000
SPERMINE, puriss see: EJ7175000
SPERM SPECIFIC ISOZYME of LACTATE DEHYDROGENASE see: OD6900000
SPERSADOX see: TU4056000
SPERSUL see: WS4250000
SPERSUL THIOVIT see: WS4250000
SP 60 (ESTER) see: AK0920000
S 6 (PHARMACEUTICAL) see: NM2080000
SPHEROIDINE see: IO1450000
SPHEROMYCIN see: CU9080000
SPHERON 6 see: FF5800000

WG8979000 SPHOEROIDES MACULATUS, skin extract
DEF:A western Atlantic puffer fish (PHMCAA 1,70,59)
UPDT:8305
TOXICITY DATA AND REFERENCES:
2F12J30 ipr-mus LD50:7 gm/kg PHMCAA 1,70,59
SPHYGMOGENIN see: DO2625000
SP-I see: TP8800000
SP-I 77 see: TP8800000
SPICLOMAZINE HYDROCHLORIDE see: XI2277500
SPIKE see: YS4250000

WG9060000 SPIKE LAVENDER OIL
DEF:Found in the plant LAVANDULA LATIFOLIA VILL. The main constituents are LINALOOL andCINEOLE, prepared by steam distillation of the sun-dried flowers (FCTXAV 14,443,76)
UPDT:8305
SYN: LAVENDER OIL, SPIKE * OIL of SPIKE LAVENDER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,453,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3800 mg/kg FCTXAV 14,453,76
SPINOCAINE see: DG2100000
SPIPERONE see: XX8925000
SP-I (PHARMACEUTICAL) see: TP8800000

WG9190000 SPIRAEA CALLOSA Thumb., extract excluding roots
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

WG9200000 SPIRAEA HYPERCIFOLIA Linn., leaf and stem extract
DEF:Indian plant belonging to the family ROSACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78
SPIRAMIN see: GU8400000

WG9400000 SPIRAMYCIN
UPDT:8403 CAS: 8025-81-8
SYN: FOROMACIDIN * KITASAMYCIN * LEUCOMYCIN * NSC-64393 * PROVAMYCIN * ROVAMICINA * ROVAMYCIN * R.P. 5337 * 5337 R.P. * SELECTOMYCIN * SEQUAMYCIN * SPIRAMYCINS
MUTATION DATA AND REFERENCES:
spm-rat-unk 200 mg/kg/8D JOURAA 112,348,74
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:6 gm/kg (10-15D preg) JJANAX 25,187,72
1T34 orl-mus TDLo:12 gm/kg (8-13D preg) JJANAX 25,193,72
TOXICITY DATA AND REFERENCES:
2K12K30 orl-man TDLo:133 mg/kg/5D LANCAO 2,,993,78
orl-rat LD50:3550 mg/kg JJANAX 23,429,70
ipr-rat LD50:575 mg/kg JJANAX 23,429,70
scu-rat LD50:1000 mg/kg ARZNAD 8,386,58
ivn-rat LD50:170 mg/kg ARZNAD 8,386,58
* orl-mus LD50:3800 mg/kg NIIRDN 6,199,82
ipr-mus LD50:322 mg/kg JJANAX 23,429,70
scu-mus LD50:1470 mg/kg JJANAX 23,429,70
* ivn-mus LD50:150 mg/kg 85ERAY 1,71,78
ipr-rbt LD50:1130 mg/kg JJANAX 23,429,70
ivn-rbt LD50:182 mg/kg JJANAX 23,429,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SPIRAMYCIN ADIPATE see: WG9420000

WG9415000 SPIRAMYCIN C
UPDT:8403 CAS: 24916-52-7 MW: 899.26 MOLFM: C46-H78-N2-O15
SYN: FOROCIDIN III * FOROCIDINE III * FOROMACIDIN C * FOROMACIDINE C * SPIRAMYCIN III * SPIROMYCIN III
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:2040 mg/kg 85FZAT -,606,67
* ivn-mus LD50:250 mg/kg 85GDA2 2,110,80

WG9420000 SPIRAMYCIN, HEXANEDIOATE
UPDT:8310 CAS: 68880-55-7
SYN: MAMIVERT * SPIRAMYCIN ADIPATE * SUANOVIL
TOXICITY DATA AND REFERENCES:
3F11K01K12 orl-rat LD50:4650 mg/kg ANTCAO 10,273,60
3F12F17J30 orl-mus LD50:3130 mg/kg ANTCAO 10,273,60
ivn-mus LD50:188 mg/kg RPOBAR 2,327,70
3F12F13F33 scu-cat LD50:950 mg/kg ANTCAO 9,353,59
3A11F12J26 orl-rbt LD50:4330 mg/kg ANTCAO 10,273,60
3F12F24U26 orl-gpg LD50:250 mg/kg ANTCAO 10,273,60
SPIRAMYCIN III see: WG9415000
SPIRAMYCINS see: WG9400000
SPIRESIS see: TU4725000
SPIRIDON see: TU4725000
SPIRIT OF GLONOIN see: WG9532700

WG9532700 SPIRIT OF GLYCERYL TRINITRATE
UPDT:8401 CAS: 55-63-0 MW: 227.11 MOLFM: C3-H5-N3-O9
SYN: NA 1204 (DOT) * SOLUTION GLYCERYL TRINITRATE * SPIRIT OF GLONOIN * SPIRITS OF NITROGLYCERIN, (1 to 10%) (DOT) * SPIRIT OF TRINITROGLYCERIN * UN 0144 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WG9532720 SPIRIT OF GLYCERYL TRINITRATE, not more than 1% (DOT)
UPDT:8308
SYN: NA 1204 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
SPIRIT OF HARTSHORN see: BO0875000
SPIRIT OF TRINITROGLYCERIN see: WG9532700
SPIRITS OF NITROGLYCERIN, (1 to 10%) (DOT) see: WG9532700
SPIRITS OF SALT (DOT) see: MW4025000
SPIRITS OF WINE see: KQ6300000
SPIRIT ORANGE see: QL4900000
SPIRITS of SALT see: MW4025000
SPIRITS of TURPENTINE see: YO8400000
SPIRIT of TURPENTINE see: YO8400000
SPIRIT YELLOW I see: QL4900000
SPIRO-32 see: CL7618500

WG9634000 SPIRO(ACENAPHTHENE-7(6H),4'-IMIDAZOLIDINE)-2',5'-DIONE
UPDT:8406 MW: 238.26 MOLFM: C14-H10-N2-O2
SYN: S 2-705
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg JAPMA8 46,118,57

WG9634500 SPIRO(ANDROST-4-ENE-3,2'-THIAZOLIDIN)-17-beta-OL, 3'-METHYL-
UPDT:8408 MW: 361.64 MOLFM: C22-H35-N-O-S
SYN: 5-ANDROSTEN-17-beta-OL-3-SPIRO-2'-(3'-METHYL-1',3'-THIAZOLIDINE)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T03 orl-rat TDLo:16 mg/kg (10D male) JPMSAE 71,514,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WG9655000 SPIRO(8-AZONIABICYCLO(3.2.1)OCTANE-8,1'-PYRROLIDINIUM, 3-HYDROXY-, CHLORIDE, BENZILATE
UPDT:8302 CAS: 73954-17-3 MW: 428.01 MOLFM: C25-H30-N-O3 Cl
SYN: 3-HYDROXYSPIRO(8-AZONIABICYCLO(3.2.1)OCTANE-8,1'-PYRROLIDINIUM CHLORIDE BENZILATE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:103 mg/kg ARZNAD 16,1581,66
* orl-mus LD50:750 mg/kg ARZNAD 16,1581,66
* ipr-mus LD50:80 mg/kg ARZNAD 16,1581,66
* scu-mus LD50:261 mg/kg ARZNAD 16,1581,66
1E15 ivn-mus LD50:12 mg/kg ARZNAD 16,1581,66
* ims-mus LD50:89 mg/kg ARZNAD 16,1581,66
* ipr-cat LDLo:50 mg/kg ARZNAD 16,1581,66
* ivn-rbt LDLo:20 mg/kg ARZNAD 16,1581,66
* ipr-gpg LDLo:150 mg/kg ARZNAD 16,1581,66
* ivn-gpg LD50:15800 ug/kg ARZNAD 16,1581,66

WG9700000 SPIRO(9H-BENZO(a)FLUORENE-9,2'(3'H)-FURO(3,2-b)-PYRIDIN)-11(1H)-ONE, 2,3,3'a,4,4',5',6,6',6a,6b,7,7',7'a,8,11a,11b-HEXADECAHYDRO-3-HYDROXY- 3',6',10,11b-TETRAMETHYL-
UPDT:8306 CAS: 469-59-0 MW: 425.67 MOLFM: C27-H39-N-O3
SYN: JERVINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:400 mg/kg (8-12D preg) PSEBAA 149,302,75
1T41 orl-mus TDLo:180 mg/kg (9 preg) PSEBAA 149,302,75
1T35 orl-rbt TDLo:66700 ug/kg (7D preg) PSEBAA 136,1174,71
1T41 orl-rbt TDLo:55500 ug/kg (7D preg) PSEBAA 136,1174,71
2T26T42 orl-ham TDLo:127 mg/kg (7D preg) 41CIAR -,409,78
1T25 orl-ham TDLo:170 mg/kg (7D preg) PSEBAA 149,302,75
2T41T43 orl-ham TDLo:80 mg/kg (7D preg) TJADAB 17,327,78
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:240 mg/kg PSEBAA 149,302,75
orl-mus LDLo:180 mg/kg PSEBAA 149,302,75
ivn-mus LD50:9300 ug/kg JPETAB 82,167,44
orl-ham LDLo:80 mg/kg TJADAB 17,327,78
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: LYPHAD 26(1),5,75; AEMBAP 27,107,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WG9800000 SPIRO(BENZOFURAN-2(3H),1'-(2)CYCLOHEXENE)-3,4'-DIONE, 7-CHLORO-2'4,6-TRIMETHOXY-6'-beta- METHYL-
UPDT:8408 CAS: 126-07-8 MW: 352.79 MOLFM: C17-H17-Cl-O6
SYN: AMUDANE * BIOGRISIN-FP * 7-CHLORO-4,6,2'-TRIMETHOXY-6'-METHYLGRIS-2'-EN-3,4'-DIONE * CURLING FACTOR * DELMOFULVINA * FULCIN * FULCINE * FULVICAN GRISACTIN * FULVICIN * FULVICIN-P/G * FULVICIN-U/F * FULVINA * FULVISTATIN * FUNGIVIN * GREOSIN * GRESFEED * GRICIN * GRIFULVIN * GRIFULVIN V * GRISACTIN * GRISCOFULVIN * GRISEFULINE * GRISEO * GRISEOFULVIN * (+)-GRISEOFULVIN * GRISEOFULVIN-FORTE * GRISEOFULVINUM * GRISETIN * GRISOFULVIN * GRISOVIN * GRIS-PEG * GRYSIO * GUSERVIN * LAMORYL * LIKUDEN * MURFULVIN * NEO-FULCIN * NSC 34533 * PONCYL * SPIROFULVIN * SPOROSTATIN * USAF SC-2
MUTATION DATA AND REFERENCES:
dnr-bcs 100 uL/plate MUREAV 97,1,82
oms-omi 10 mg/L AMICCW 95,57,74
mmo-asn 17 umol/L PHYTAJ 66,217,76
cyt-asn 400 mg/L CJMIAZ 18,683,72
sln-asn 6 mg/L JOBAAY 119,334,74
cyt-grh-orl 5 mg PISCAD 59(Pt. 3),410,72
dni-hmn:fbr 20 mg/L/3D-C KAMJDW 2,127,76

dni-hmn:lym 20 mg/L/3D-C KAMJDW 2,127,76
cyt-hmn:lym 40 mg/L/3D MUREAV 25,123,74
cyt-rat-ivn 200 mg/kg NATUAS 182,1320,58
mnt-mus:oth 10 mg/L JNCIAM 56,357,76
cyt-mus:emb 50 mg/L NATUAS 253,361,75
spm-mus-ipr 29750 mg/kg/5D-I CMMUAO 5,257,78
spm-mus-ipr 3 gm/kg/5D PNASA6 72,4425,75
cyt-ham:emb 50 mg/L NATUAS 253,361,75
cyt-ham:fbr 10 mg/L CRNGDP 3,499,82
cyt-ckn:fbr 50 mg/L NATUAS 253,361,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T75 orl-rat TDLo:1250 mg/kg (6-15D preg) SCIEAS 175,1483,72
2T41T53 orl-rat TDLo:2 gm/kg (11-14D preg) ANTBAL 14,44,69
2T25T46 orl-rat TDLo:12500 mg/kg (6-15D preg) SCIEAS 175,1483,72
2T35T42 orl-rat TDLo:500 mg/kg (9D preg) ANTBAL 14,44,69
1T46 orl-mus TDLo:10 gm/kg (8-9D preg) 40YJAX -,161,76
TUMORIGENIC DATA AND REFERENCES:
2V02P62 orl-rat TDLo:462 gm/kg/2Y-I BJCAAI 38,237,78
2V02L60 orl-mus TDLo:440 gm/kg/52W-C CNREA8 26,721,66
2V02L60 scu-mus TDLo:120 mg/kg/49W-I CNREA8 27,1900,67
2V02L60 orl-mus TD :730 gm/kg/52W-C CNREA8 26,721,66
TOXICITY DATA AND REFERENCES:
2P20P26 ivn-rat LD50:400 mg/kg NATUAS 182,1320,58
ipr-mus LD50:200 mg/kg NTIS** AD277-689
* scu-mus LD50:1200 mg/kg 85GDA2 6,290,81
* ivn-mus LD50:280 mg/kg 85ERAY 3,1766,78
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: LLOYA2 38(1),21,75; 32XPAD -,49,75; ARMIAZ 26,279,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 10,153,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WG9865000 SPIRO(2H-1-BENZOPYRAN-3(4H)-4'-IMIDAZOLIDINE)-2',5'-DIONE
UPDT:8406 MW: 218.23 MOLFM: C11-H10-N2-O3
SYN: S 2-765 * SPIRO(CHROMAN-3,4'-IMIDAZOLIDINE)-2',5'-DIONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg JAPMA8 46,118,57

WG9870000 SPIRO(2H-1-BENZOPYRAN-2,2'-INDOLINE), 6-NITRO-1',3',3'-TRIMETHYL-
UPDT:8403 CAS: 1498-88-0 MW: 322.39 MOLFM: C19-H18-N2-O3
SYN: 1,3,3-TRIMETHYL-6'-NITROINDOLINE-2-SPIRO-2'-BENZOPYRAN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#07770
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WG9880000 SPIRO(2H-1-BENZOPYRAN-2,2'-2H-NAPHTHO(2,3-b)PYRAN), 6-NITRO-3'-METHYL-
UPDT:8403 CAS: 73928-06-0 MW: 357.38 MOLFM: C22-H15-N-O4
SYN: 6'-NITRO-3-METHYLSPIRO(2H-1-b-NAPHTHO-PYRAN-2,2'-(2'H-1'-BENZOPYRAN))
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#00688

WG9890000 SPIRO(4H-3,1-BENZOTHIAZINE-4,1'-CYCLOHEXANE), 5,6,7,8-TETRAHYDRO-2-AMINO-, HYDROCHLORIDE
UPDT:8406 CAS: 23242-29-7 MW: 272.87 MOLFM: C13-H20-N2-S.Cl-H
SYN: 5,6,7,8-TETRAHYDRO-2-AMINOSPIRO(4H-3,1-BENZOTHIAZINE-4,1'-CYCLOHEXANE) HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3D07F05F23 scu-mus LD50:36 mg/kg PHARAT 24,572,69

WG9900000 SPIRO(4H-3,1-BENZOTHIAZINE-4,1'-CYCLOHEXANE), 5,6,7,8-TETRAHYDRO-2-AMINO-, MONO(o-CHLOROBENZOATE)
UPDT:8406 CAS: 28358-21-6 MW: 392.98 MOLFM: C13-H20-N2-S.C7-H5-Cl-O2
TOXICITY DATA AND REFERENCES:
3D07F05F23 ipr-mus LD50:210 mg/kg PHARAT 24,572,69
3D07F05F23 scu-mus LD50:522 mg/kg PHARAT 24,572,69

SPIRO(CHROMAN-3,4'-IMIDAZOLIDINE)-2',5'-DIONE see: WG9865000
SPIROCID see: CF8400000
SPIROCTANIE see: TU4725000

WH0194530 SPIRO(CYCLOHEXANE-1,4'(3'H)PYRIMIDINE)-2'(1'H)-THIONE, 6'-METHYL-
UPDT:8408 MW: 196.34 MOLFM: C10-H16-N2-S
SYN: 6'-METHYLSPIRO(CYCLOHEXANE-1,4'(3'H)PYRIMIDINE)-2'(1'H) THIONE
TOXICITY DATA AND REFERENCES:
3F05F17F23 ipr-mus LD50:480 mg/kg PHARAT 24,572,69

WH0194560 SPIRO(CYCLOHEXANE-1,4'(1'H)-QUINAZOLINE)-2'(3'H)-THIONE, 5',6',7',8'-TETRAHYDRO-
UPDT:8408 CAS: 5579-43-1 MW: 236.41 MOLFM: C13-H20-N2-S
SYN: 5',6',7',8'-TETRAHYDROSPIRO(CYCLOHEXANE-1,4'(1'H)-QUINAZOLINE)-2'(3'H)-THIONE
TOXICITY DATA AND REFERENCES:
3F05F17F23 ipr-mus LD50:1270 mg/kg PHARAT 24,572,69

WH0194580 SPIRO(CYCLOHEXANE-1,5'-(5H)THIAZOLO(3,2-a)PYRIMIDIN)-7'-OL, 6',7'-DIHYDRO-3',7'-DIMETHYL-, MONOHYDROBROMIDE
UPDT:8408 CAS: 21457-24-9 MW: 333.33 MOLFM: C13-H20-N2-O-S.Br-H
SYN: 6',7'-DIHYDRO-3',7'-DIMETHYLSPIRO(CYCLOHEXANE-1,5'-(5H)THIAZOLO(3,2-a)PYRIMIDIN)-7'-OL HBr
TOXICITY DATA AND REFERENCES:
1F23 scu-mus LD50:105 mg/kg PHARAT 24,572,69

WH0194600 SPIRO(CYCLOHEXANE-1,5'-(5h)THIAZOLO(3,2-a)PYRIMIDIN)-7'-OL, 6',7'-DIHYDRO-3',7'-DIMETHYL-, MONOHYDROCHLORIDE
UPDT:8408 CAS: 21457-23-8 MW: 288.87 MOLFM: C13-H20-N2-O-S.Cl-H
SYN: 6',7'-DIHYDRO-3',7'-DIMETHYLSPIRO(CYCLOHEXANE-1,5'-(5H)THIAZOLO(3,2-a)PYRIMIDIN)-7'-OL HCl
TOXICITY DATA AND REFERENCES:
2D07F12 ipr-mus LD50:78 mg/kg PHARAT 24,572,69

WH0194650 SPIRO(CYCLOHEXANE-1,5'-(5H)THIAZOLO(3,2-a)QUINAZOLINE), 6',7',8',9'-TETRAHYDRO-1'-METHYL-, MONOHYDROBROMIDE
UPDT:8408 CAS: 21457-11-4 MW: 355.38 MOLFM: C16-H22-N2-S.Br-H
SYN: 6',7',8',9'-TETRAHYDRO-1'-METHYLSPIRO(CYCLOHEXANE-1,5'-(5H)THIAZOLO(3,2-a)QUINAZOLINE) HBr
TOXICITY DATA AND REFERENCES:
2F12F23 scu-mus LD50:17 mg/kg PHARAT 24,572,69

WH0196000 SPIRO(CYCLOPENTANE-1,4'-(4'H)CYCLOPENTAPYRIMIDINE)-2'(1'H)-THIONE, 3',5',6',7'-TETRAHYDRO-
UPDT:8406 MW: 208.35 MOLFM: C11-H16-N2-S
SYN: 3',5',6',7'-TETRAHYDROSPIRO(CYCLOPENTANE-1,4'-(4'H)CYCLOPENTAPYRIMIDINE)-2'(1'H)-THIONE
TOXICITY DATA AND REFERENCES:
3F05F17F23 ipr-mus LD50:1170 mg/kg PHARAT 24,572,69

WH0197000 SPIRO(CYCLOPENTANE-1,5'(6'H)-CYCLOPENTA(e)THIAZOLO(3,2-a)PYRIMIDINE), 7',8'-DIHYDRO- 1'-METHYL-, MONOHYDROBROMIDE
UPDT:8406 CAS: 21457-13-6 MW: 327.32 MOLFM: C14-H18-N2-S.Br-H
TOXICITY DATA AND REFERENCES:
2F12F23 scu-mus LD50:21 mg/kg PHARAT 24,572,69

WH0198000 SPIRO(CYCLOPENTANE-1,5'(6'H)-CYCLOPENTA(e)THIAZOLO(3,2-a)PYRIMIDINE), 7',8'-DIHYDRO- 1'-METHYL-, MONOHYDROCHLORIDE
UPDT:8406 CAS: 21457-14-7 MW: 282.86 MOLFM: C14-H18-N2-S.Cl-H
TOXICITY DATA AND REFERENCES:
3D07F12F23 ipr-mus LD50:16 mg/g PHARAT 24,572,69
3D07F12F23 scu-mus LD50:17 mg/kg PHARAT 24,572,69

WH0199000 SPIRO(CYCLOPENTANE-1,5'(8'aH)-CYCLOPENTA(d)THIAZOLO(3,2-a)PYRIMIDIN)-8'a-OL, 5'a,6',7',8'-TETRAHYDRO-3'-ETHYL-2'-METHYL-, MONOHYDROBROMIDE
UPDT:8406 CAS: 21505-41-9 MW: 373.40 MOLFM: C16-H24-N2-O-S.Br-H
TOXICITY DATA AND REFERENCES:
2F12F23 scu-mus LD50:36 mg/kg PHARAT 24,572,69

WH0199500 SPIRO(CYCLOPENTANE-1,5'(8'aH)-CYCLOPENTA(d)THIAZOLO(3,2-a)PYRIMIDIN)-8'a-OL, 5'a,6',7',8'-TETRAHYDRO-3'-ETHYL-2'-METHYL-, MONOHYDROCHLORIDE
UPDT:8406 CAS: 28358-28-3 MW: 328.94 MOLFM: C16-H24-N2-O-S.Cl-H
TOXICITY DATA AND REFERENCES:
2F12F23 scu-mus LD50:36 mg/kg PHARAT 24,572,69

SPIRO(17H-CYCLOPENTA(a)PHENANTHRENE-17,2'-(3'H)-FURAN) see: TU4725000
SPIRO(17H-CYCLOPENTA(a)PHENANTHRENE-17,2'(5'H)FURAN), PREGN-4-ENE-21-CARBOXYLIC ACID DERIV. see: TU4725000

WH0204300 SPRIO(CYCLOPROPANE-1,5'-(5H)INDEN)-7'(6'H)-ONE, 2',3'-DIHYDRO-3',6'-DIHYDROXY-2'-(HYDROXY METHYL)-2',4',6'-TRIMETHYL-, (2'S,3'R,6'R)-
UPDT:8309 CAS: 1149-99-1 MW: 264.35 MOLFM: C15-H20-O4
SYN: ILLUDIN S * ILLUDINE S * LAMPTEROL * LUNAMYCIN
MUTATION DATA AND REFERENCES:
pic-esc 200 ng/plate CNREA8 43,2819,83
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:30 mg/kg 85GDA2 6,113,81
* unk-mus LDLo:15 mg/kg 85ERAY 3,2037,78

SPIRO(DIBENZO(a,d)CYCLOHEPTADIENE-5,3'-PIPERIDINE)-2',6'-DIONE see: WH1264500
SPIRO(DIBENZO(a,d)CYCLOHEPTADIENE-5,3'-PIPERIDIN)-6'-ONE-2'-THIONE see: WH1264600

WH1255000 SPIRO(5H-DIBENZO(a,d)CYCLOHEPTENE-5,3'(2'H)-FURAN), 4',5',10,11-TETRAHYDRO-5'- ((METHYLAMINO)METHYL)-, HYDROCHLORIDE
UPDT:8306 MW: 330.91 MOLFM: C20-H24-N-O.Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:630 mg/kg JMCMAR 16,403,73

WH1264500 SPIRO(5H-DIBENZO(a,d)CYCLOHEPTENE-5,3'-PIPERIDINE)-2',6'-DIONE, 10,11-DIHYDRO-
UPDT:8403 CAS: 64036-62-0 MW: 291.37 MOLFM: C19-H17-N-O2
SYN: SPIRO(DIBENZO(a,d)CYCLOHEPTADIENE-5,3'-PIPERIDINE)-2',6'-DIONE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:900 mg/kg JMCMAR 7,439,64

WH1264600 SPIRO(5H-DIBENZO(a,d)CYCLOHEPTENE-5,3'-PIPERIDIN)-6'-ONE, 10,11-DIHYDRO-2'-THIOXO-
UPDT:8403 CAS: 64036-47-1 MW: 307.43 MOLFM: C19-H17-N-O-S
SYN: SPIRO(DIBENZO(a,d)CYCLOHEPTADIENE-5,3'-PIPERIDIN)-6'-ONE-2'-THIONE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:650 mg/kg JMCMAR 7,439,64

SPIRO-(2'-ETHYL-3',5'-DIMETHYLCYCLOPENTANE)-5,5-PYRIMIDINE-2-THIO-4,6-DIONE see: HM2865000
SPIRO-(2-ETHYL-3,5-DIMETHYLCYCLOPENTANE)-1,5'-THIOBARBITURIC ACID see: HM2865000
SPIROFULVIN see: WG9800000

WH1309600 SPIRO(5H-FURO(3,2-b)NAPHTHO(2,3-d)PYRAN-5,2'-(2H)-PYRAN)-2,6,11-(3H)-TRIONE, 4'-(ACETYLOXY)-3',3a,4',5',6',11b-HEXAHYDRO-3',7-DIHYDROXY-6'-METHYL-, (2'S-(2'-alpha(3aR*,11bR*),3'-alpha,4'-alpha,6'-beta))-
UPDT:8406 CAS: 59554-11-9 MW: 444.42 MOLFM: C22-H20-O10
SYN: GRISEUCIN A
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:5310 ug/kg 85ERAY 1,163,78

SPIROGERMANIUM DIHYDROCHLORIDE see: CL7618500

WH1309800 2,6-SPIRO(3.3)HEPTANEBIS(METHYLAMINE), N,N'-BIS(2-CHLOROBENZYL)-, DIHYDROCHLORIDE
UPDT:8406 CAS: 981-41-9 MW: 476.35 MOLFM: C23-H28-Cl2-N2.2Cl-H
SYN: BENZYLAMINE, N,N'-(2,6-SPIRO(3.3)HEPTYLENEDIMETHYLENE)BIS(2-CHLORO-, DIHYDROCHLORIDE * N,N'-BIS(2-CHLOROBENZYL)-2,6-SPIRO(3.3)HEPTANEBIS(METHYLAMINE) DIHYDROCHLORIDE * N,N'-(2,6-SPIRO(3.3)HEPTYLENEDIMETHYLENE)BIS(2-CHLOROBENZYLAMINE) DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:591 mg/kg JMCMAR 9,329,66

WH1309900 SPIRO(2.4)HEPTAN-4-OL, CARBANILATE
UPDT:8406 CAS: 73928-08-2 MW: 231.32 MOLFM: C14-H17-N-O2
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#04592

N,N'-(2,6-SPIRO(3.3)HEPTYLENEDIMETHYLENE)BIS(2-CHLOROBENZYLAMINE) DIHYDROCHLORIDE see: WH1309800
SPIROHYDANTOIN MUSTARD see: HM2508000

WH1310300 SPIRO(IMIDAZOLIDINE-4,2'-INDAN)-2',5'-DIONE
UPDT:8406 MW: 202.23 MOLFM: C11-H10-N2-O2
SYN: S 2-712
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg JAPMA8 46,118,57

WH1310400 SPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE, 3',4'-DIHYDRO-
UPDT:8406 MW: 216.26 MOLFM: C12-H12-N2-O2
SYN: 7,8-BENZO-1,3-DIAZASPIRO(4.5)DECANE-2,4-DIONE * 3',4'-DIHYDROSPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE * S 2-676
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2000 mg/kg JAPMA8 46,118,57

WH1310500 SPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE, 3',4'-DIHYDRO-1'-ALLYL-
UPDT:8406 MW: 256.33 MOLFM: C15-H16-N2-O2
SYN: 3',4'-DIHYDRO-1'-ALLYLSPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE * S 2-798
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg JAPMA8 46,118,57

WH1310600 SPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE, 3',4'-DIHYDRO-1-BUTYL-
UPDT:8406 MW: 272.38 MOLFM: C16-H20-N2-O2
SYN: 3',4'-DIHYDRO-1-BUTYLSPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE * S 2-827
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg JAPMA8 46,118,57

WH1310700 SPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE, 3',4'-DIHYDRO-3-BUTYL-
UPDT:8406 MW: 272.38 MOLFM: C16-H20-N2-O2
SYN: 1-BUTYL-7,6-BENZO-1,3-DIAZASPIRO(4.5)DECANE-2,4-DIONE * 3',4'-DIHYDRO-3-BUTYLSPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE * S 2-1046
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg JAPMA8 46,118,57

WH1310800 SPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE, 3',4'-DIHYDRO-1-ETHYL-
UPDT:8406 MW: 244.32 MOLFM: C14-H16-N2-O2
SYN: 7,8-BENZO-3-ETHYL-1,3-DIAZASPIRO(4.5)DECANE-2,4-DIONE * 3',4'-DIHYDRO-1-ETHYLSPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE * S 2-870
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg JAPMA8 46,118,57

WH1310900 SPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE, 3',4'-DIHYDRO-1-HEXYL-

UPDT:8406 MW: 300.44 MOLFM: C18-H24-N2-O2

SYN: 3',4'-DIHYDRO-1-HEXYLSPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE * S 2-961

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:800 mg/kg JAPMA8 46,118,57

WH1311100 SPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE, 3',4'-DIHYDRO-1-(2-HYDROXYETHYL)-

UPDT:8406 MW: 260.32 MOLFM: C14-H16-N2-O3

SYN: 3',4'-DIHYDRO-1-(2-HYDROXYETHYL)SPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE-2,5-DIONE * S 2-871

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:700 mg/kg JAPMA8 46,118,57

WH1311400 SPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE, 3',4'-DIHYDRO-7'-METHOXY-

UPDT:8406 MW: 246.29 MOLFM: C13-H14-N2-O3

SYN: 3',4'-DIHYDRO-7'-METHOXYSPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE * S 2-792

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:4000 mg/kg JAPMA8 46,118,57

WH1311900 SPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE, 3',4'-DIHYDRO-1-METHYL-

UPDT:8406 MW: 230.29 MOLFM: C13-H14-N2-O2

SYN: 3',4'-DIHYDRO-1-METHYLSPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE * S 2-700

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:500 mg/kg JAPMA8 46,118,57

WH1312100 SPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE, 3',4'-DIHYDRO-2-THIO-

UPDT:8406 MW: 232.32 MOLFM: C12-H12-N2-O-S

SYN: 7,8-BENZO-1,3-DIAZASPIRO(4.5)DECANE-4-ONE-2-THIONE * 3',4'-DIHYDRO-2-THIOSPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-2,5-DIONE * S 2-846

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:200 mg/kg JAPMA8 46,118,57

WH1312200 SPIRO(IMIDAZOLIDINE-4,2'(1H)-NAPHTHALENE)-2',5'-DIONE, OCTAHYDRO-

UPDT:8406 MW: 222.32 MOLFM: C12-H18-N2-O2

SYN: OCTAHYDROSPIRO(IMIDAZOLIDINE-4,2'(1H)-NAPHTHALENE)-2',5'-DIONE * S 2-8368

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:800 mg/kg JAPMA8 46,118,57

WH1312300 SPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALENE)-5-ONE, 3',4'-DIHYDRO-, HYDROCHLORIDE

UPDT:8406 MW: 238.74 MOLFM: C12-H14-N2-O Cl-H

SYN: 7,8-BENZO-1,3-DIAZASPIRO(4.5)DECANE-4-ONE HYDROCHLORIDE * 3',4'-DIHYDROSPIRO(IMIDAZOLIDINE-4,2'(1'H)-NAPHTHALEN)-5-ONE HYDROCHLORIDE * S 2-913

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:800 mg/kg JAPMA8 46,118,57

WH1312400 SPIRO(7H-INDENO(4,5-d)-1,3-DIOXOLE-7,1'(2H)-ISOQUINOLIN)-6'-OL), 3',4',6,8-TETRAHYDRO-7'- METHOXY-2'-METHYL-6-METHYLENE-

UPDT:8406 CAS: 4959-88-0 MW: 351.43 MOLFM: C21-H21-N-O4

SYN: OCHOTENSINE

TOXICITY DATA AND REFERENCES:

ivn-mus LD50:10600 ug/kg FEPRA7 5,163,46

SPIRO(ISOBENZOFURAN-1(3H),9'-(9H)XANTHENE-3-ONE, 3',6'-DIHYDROXY-, DISODIUM SALT see: LM5425000

SPIRO(ISOBENZOFURAN-1(3H),9'-(9H)XANTHEN)-3-ONE, 3',6'-DIHYDROXY-2',4',5',7'-TETRAIODO- see: LM5940000

WH1316200 SPIRO(ISOQUINOLINE-4(1H),4'-(4H)PYRAN)-1,2(2H,4H)-DIONE, 2',3',5',6'-TETRAHYDRO-2',6'- DIMETHYL-

UPDT:8407 MW: 259.33 MOLFM: C15-H17-N-O3

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:1625 mg/kg FRPSAX 21,394,66

* unk-mus LD50:1625 mg/kg FRPSAX 21,394,66

SPIROLACTONE see: TU4810000

SPIROLACTONE see: TU4725000

SPIROLAKTON see: TU4725000

SPIROLANG see: TU4725000

WH1316810 SPIRO(16,18-METHANO-1H,3H,23H-(1,6,12)TRIOXACYCLOOCTADECINO(3,4-d)(1)BENZOPYRAN-17(18H),2'- OXIRANE)-3,9,14-TRIONE, 4,5,6,7,16,16a,19a,22-OCTAHYDRO-4-HYDROXY-5,16a,21-TRIMETHYL-, stereoisomer

UPDT:8406 CAS: 3148-09-2 MW: 502.61 MOLFM: C27-H34-O9

SYN: MUCONOMYCIN A * VER A * VERRUCARIN A

TOXICITY DATA AND REFERENCES:

ivn-rat LD50:870 ug/kg ARZNAD 15,893,65

2R03Y55 ipr-mus LD50:500 ug/kg TXAPA9 15,262,69

ivn-mus LD50:1500 ug/kg ARZNAD 15,893,65

ivn-rbt LD50:540 ug/kg ARZNAD 15,893,65

WH1316830 SPIRO(MORPHOLINE-2,4'-PIPERIDINE), 3-ETHYL-1'-(1,2,3,4-TETRAHYDRO-2-NAPHTHYL)-

UPDT:8406 CAS: 52109-27-0 MW: 314.52 MOLFM: C20-H30-N2-O

SYN: 5-ETHYL-4'-(1,2,3,4-TETRAHYDRO-2-NAPHTHYL)SPIRO(MORPHOLINE-6,4'-PIPERIDINE)

TOXICITY DATA AND REFERENCES:

ivn-gpg LDLo:73 mg/kg CHTPBA 8,393,73

SPIROMYCIN III see: WG9415000

WH1316890 SPIRO(NAPHTHALENE-2(1H),4'-OXAZOLIDINE)-2',5'-DIONE, 3,4-DIHYDRO-

UPDT:8406 MW: 217.24 MOLFM: C12-H11-N-O3

SYN: 7,8-BENZO-1-OXA-3-AZASPIRO(4.5)DECANE-2,4-DIONE * 3,4-DIHYDROSPIRO(NAPHTHALENE-2(1H),4'-OXAZOLIDINE)-2',5'-DIONE * S 2-733

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:600 mg/kg JAPMA8 46,118,57

WH1316930 SPIRO(NAPHTHALENE-2(1H),5'-OXAZOLIDINE)-2',4'-DIONE, 3,4-DIHYDRO-

UPDT:8406 MW: 217.24 MOLFM: C12-H11-N-O3

SYN: 7,8-BENZO-3-OXA-1-AZASPIRO(4.5)DECANE-2,4-DIONE * 3,4-DIHYDROSPIRO(NAPHTHALENE-2(1H),5'-OXAZOLIDINE)-2',4'-DIONE * S 2-840

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:100 mg/kg JAPMA8 46,118,57

WH1316970 SPIRO(NAPHTHALENE-2(1H),2'-OXIRANE)-3'-CARBOXALDEHYDE, 3,5,6,7,8,8a-HEXAHYDRO-7-ACETOXY-5,6- EPOXY-3',8,8a-TRIMETHYL-3-OXO

UPDT:8406 CAS: 56299-00-4 MW: 331.32 MOLFM: C17-H15-O7

SYN: PR TOXIN

MUTATION DATA AND REFERENCES:

mmo-sat 100 ug/plate CNREA8 38,536,78

mrc-bcs 100 ug/disc CNREA8 36,445,76

mmo-nsc 2 mg/L ENMUDM 1,45,79

mmo-smc 30 mg/L ENMUDM 1,45,79

mrc-smc 5 mg/L ENMUDM 1,45,79

dnd-rat:lvr 70 umol/L MUREAV 77,79,80

TOXICITY DATA AND REFERENCES:

3F17F18F19 ipr-rat LD50:11600 ug/kg TOXIA6 20,433,82

3F17F18F19 ivn-rat LD50:8200 ug/kg TOXIA6 20,433,82

3F15F16F17 orl-mus LD50:72 mg/kg FCTXAV 16,369,78

3F15F16F17 ipr-mus LD50:2 mg/kg FCTXAV 16,369,78

* ivn-mus LD50:2 mg/kg 85GDA2 6,116,81

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

WH1317000 SPIRO(NAPHTHALENE-2(1H),4'-PIPERIDINE), OCTAHYDRO-1'-(3-PHENOTHIAZIN-10-YLPROPYL)-, HYDROCHLORIDE

UPDT:8406 MW: 483.21 MOLFM: C29-H38-N2-S Cl-H

SYN: OCTAHYDRO-1'-(3-PHENOTHIAZIN-10-YLPROPYL)SPIRO(NAPHTHALENE-2(1H),4'-PIPERIDINE) HCl

TOXICITY DATA AND REFERENCES:

3F15F16F17 ipr-rat LD50:75 mg/kg JMCMAR 9,654,66

WH1317100 SPIRO(NAPHTHALENE-2(1H),4'-PIPERIDINIUM), OCTAHYDRO-1',1'-DIMETHYL-, IODIDE

UPDT:8308 MW: 363.37 MOLFM: C16-H30-N I

SYN: OCTAHYDRO-1',1'-DIMETHYLSPIRO(NAPHTHALENE-2(1H),4'-PIPERIDIUIUM) IODIDE

TOXICITY DATA AND REFERENCES:

3A11E05F13 ipr-rat LD50:200 mg/kg JMCMAR 7,78,64

WH1317150 SPIRO(NAPHTHALENE-1(2H),3'-PYRROLE)-2',5'-DIONE, 1',3,4,4'-TETRAHYDRO-1'-(3-(DIETHYLAMINO) PROPYL)-, MONOHYDROCHLORIDE

UPDT:8311 CAS: 17592-97-1 MW: 364.96 MOLFM: C20-H28-N2-O2 Cl-H

SYN: 1'-(3-(DIETHYLAMINO)PROPYL)-3,4-DIHYDROSPIRO(NAPHTHALENE-1(2H),3'-PYRROLIDINE)-2',5'-DIONE * N-(gamma-DIETHYLAMINOPROPYL)-1,2,3,4-TETRAHYDRONAPHTHALENE-1-SPIROSUCCINIMIDE HYDROCHLORIDE * RAC-109

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:13 mg/kg DRFUD4 7,489,82

WH1317170 SPIRO(NAPHTHALENE-2(1H),3'-PYRROLIDINE)-2',5'-DIONE, 3,4-DIHYDRO-

UPDT:8406 MW: 215.27 MOLFM: C13-H13-N-O2

SYN: 7,8-BENZO-2-AZASPIRO(4.5)DECANE-1,3-DIONE * 3,4-DIHYDROSPIRO(NAPHTHALENE-2(1H),3'-PYRROLIDINE)-2',5'-DIONE * S 2-823

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:400 mg/kg JAPMA8 46,118,57

WH1317190 SPIRO(NAPHTHALENE-2(1H),3'-PYRROLIDINE)-2',5'-DIONE, 3,4-DIHYDRO-1'-METHYL-

UPDT:8406 MW: 229.30 MOLFM: C14-H15-N-O2

SYN: 7,8-BENZO-2-METHYL-2-AZASPIRO(4.5)DECANE-1,3-DIONE * 3,4-DIHYDRO-1'-METHYLSPIRO(NAPHTHALENE-2(1H),3'-PYRROLIDINE)-2',5'-DIONE * S 2-771

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:600 mg/kg JAPMA8 46,118,57

WH1317200 SPIRO(1H-NAPHTHO(2,3-C)PYRAN-1,2'-(2H)-PYRAN)-3-ACETIC ACID, 4'-(ACETYLOXY)-3,3',4,4',5,5', 6'10-OCTAHYDRO-3',9-DIHYDROXY-6'-METHYL-5,10-DIOXO-, (2'S-(2'-alpha-(S*),3'-alpha,4'-alpha, 6'-beta))-

UPDT:8308 CAS: 59554-12-0 MW: 446.44 MOLFM: C22-H22-O10

SYN: GRISEUCIN B

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:50 mg/kg 85ERAY 1,163,78

SPIRONE see: TU4725000

SPIRONOLACTONE see: TU4725000

SPIRONOLACTONE A see: TU4725000

WH1317560 SPIRO(1-alpha-H,5-alpha-H-NORTROPANE-8,1'-PYRROLIDINIUM), 3-alpha-HYDROXY-, CHLORIDE BENZILATE

UPDT:8406 CAS: 10405-02-4 MW: 428.01 MOLFM: C25-H30-N-O3 Cl

SYN: AS XVII * AZONIASPIRO COMPOUND XVII * 8-alpha-BENZILOYLOXY-6,10-ETHANO-5-AZONIASPIRO(4.5)DECANE CHLORIDE * KEPTAN * SPASMEX * SPASMO 3 * TROSPIUM CHLORIDE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1510 mg/kg NIIRDN 6,137,82

* ipr-rat LD50:97700 ug/kg NIIRDN 6,137,82

* scu-rat LD50:737 mg/kg NIIRDN 6,137,82

* ivn-rat LD50:15500 ug/kg NIIRDN 6,137,82

* orl-mus LD50:812 mg/kg NIIRDN 6,137,82

* ipr-mus LD50:50 mg/kg NIIRDN 6,137,82

* scu-mus LD50:203 mg/kg NIIRDN 6,137,82

* ivn-mus LD50:11200 ug/kg NIIRDN 6,137,82

3H02J25K13 scu-dog LDLo:160 mg/kg OYYAA2 8,199,74

3D16F17J25 orl-rbt LDLo:3200 mg/kg OYYAA2 8,199,74

2D16F05 ivn-rbt LDLo:20 mg/kg OYYAA2 8,199,74

WH1317900 SPIRO(OXIRANE-2,1'(2H)-PENTALENO(1,6a-c)PYRAN)-5'-CARBOXYLIC ACID, 4',4'a,6'a,7'-TETRAHYDRO- 7',8'-DIMETHYL-2'-OXO-, (1'R-(1'-alpha,4'a-alpha,6'a-beta,7'-alpha,9'aS*))-

UPDT:8309 CAS: 31501-48-1 MW: 276.31 MOLFM: C15-H16-O5

SYN: ANTIBIOTIC PA-132 * PA-132 * PENTANENOLACTONE

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:12500 ug/kg 85GDA2 5,440,81

WH1318000 SPIRO(OXIRANE-2,14'-(8-beta)PODOCARP(1)ENE)-3-CARBOXYLIC ACID, 13'-beta- (3-FURYLHYDROXYMETHYL)-7'-alpha-HYDROXY-8',13'-DIMETHYL-3'-OXO-, 3,13'-LACTONE, ACETATE

UPDT:8401 CAS: 2629-11-0 MW: 484.64 MOLFM: C28-H36-O7

SYN: GEDUNIN

TUMORIGENIC DATA AND REFERENCES:

2V03V10 scu-rat TDLo:1040 mg/kg/65W-I BJCAAI 20,134,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SPIROPENT see: DN3180000

SPIROPERIDOL see: XX8925000

WH1320100 SPIRO(PIPERIDINE-4,6'(7'H)-(5H)THIAZOLO(3,2-a)PYRIMIDINE), 1-BUTYL-3'-(2-NAPHTHALENYL)-, ETHANEDIOATE (1:2)

UPDT:8311 CAS: 52419-76-8 MW: 571.70 MOLFM: C24-H29-N3-S 2C2-H2-O4

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:433 mg/kg EJMCA5 11,115,76

* ivn-mus LD50:87 mg/kg EJMCA5 11,115,76

WH1320300 SPIRO(PIPERIDINE-4,6'(7'H)-(5H)THIAZOLO(3,2-a)PYRIMIDINE), 3'-(3,4-DICHLOROPHENYL)-1-OCTYL-, ETHANEDIOATE (1:2)

UPDT:8311 CAS: 60856-45-3 MW: 646.64 MOLFM: C24-H33-Cl2-N3-S 2C2-H2-O4

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:540 mg/kg EJMCA5 11,115,76

WH1320500 SPIRO(PIPERIDINE-4,6'(7'H)-(5H)THIAZOLO(3,2-a)PYRIMIDIN)-3'-OL, 2',3'-DIHYDRO-1-BUTYL- 3'-(2,5-DIMETHOXYPHENYL)-, DIHYDROBROMIDE

UPDT:8311 CAS: 52419-67-7 MW: 581.48 MOLFM: C22-H33-N3-O3-S 2Br-H

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1440 mg/kg EJMCA5 11,115,76

* ivn-mus LD50:17 mg/kg EJMCA5 11,115,76

WH1320700 SPIRO(PIPERIDINE-4,6'(7'H)-(5H)THIAZOLO(3,2-a)PYRIMIDIN)-3'-OL, 2',3'-DIHYDRO- 3'-(3,4-DICHLOROPHENYL)-1-(PHENYLMETHYL)-, DIHYDROBROMIDE

UPDT:8311 CAS: 52419-71-3 MW: 624.31 MOLFM: C23-H25-Cl2-N3-O-S 2Br-H

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1200 mg/kg EJMCA5 11,115,76

* ivn-mus LD50:83 mg/kg EJMCA5 11,115,76

WH1320900 SPIRO(PIPERIDINE-4,6'(7'H)-(5H)THIAZOLO(3,2-a)PYRIMIDIN)-3'-OL, 2',3'-DIHYDRO- 3'-(2,5-DIMETHOXYPHENYL)-1-OCTYL-, DIHYDROBROMIDE
UPDT 8311 CAS: 52488-15-0 MW: 637.60 MOLFM: C26-H41-N3-O3-S 2Br-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:949 mg/kg EJMCAS 11,115,76
* ivn-mus LD50:38 mg/kg EJMCAS 11,115,76

WH1321000 SPIRO(PIPERIDINE-4,6'(7'H)-(5H)THIAZOLO(3,2-a)PYRIMIDIN)-3'-OL, 2',3'-DIHYDRO- 3'-(2,5-DIMETHOXYPHENYL)-1-(PHENYLMETHYL)-, DIHYDROBROMIDE
UPDT 8311 CAS: 52419-70-2 MW: 615.49 MOLFM: C25-H31-N3-O3-S 2Br-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1200 mg/kg EJMCAS 11,115,76
* ivn-mus LD50:41 mg/kg EJMCAS 11,115,76

WH1321200 SPIRO(PIPERIDINE-4,6'(7'H)-(5H)THIAZOLO(3,2-a)PYRIMIDIN)-3'-OL, 2',3'-DIHYDRO- 3'-(2-METHOXYPHENYL)-1-OCTYL-, DIHYDROBROMIDE
UPDT 8311 CAS: 52419-77-9 MW: 607.57 MOLFM: C25-H39-N3-O2-S 2Br-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:900 mg/kg EJMCAS 11,115,76

WH1321400 SPIRO(PIPERIDINE-4,6'(7'H)-(5H)THIAZOLO(3,2-a)PYRIMIDIN)-3'-OL, 2',3'-DIHYDRO- 3'-(2-METHOXYPHENYL)-1-(PHENYLMETHYL)-, DIHYDROBROMIDE
UPDT 8311 CAS: 52501-97-0 MW: 585.46 MOLFM: C24-H29-N3-O2-S 2Br-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:380 mg/kg EJMCAS 11,115,76
* ivn-mus LD50:37 mg/kg EJMCAS 11,115,76

WH1321600 SPIRO(PIPERIDINE-4,6'(7'H)-(5H)THIAZOLO(3,2-a)PYRIMIDIN)-3'-OL, 2',3'-DIHYDRO- 3'-(2-NAPHTHALENYL)-1-(PHENYLMETHYL)-, DIHYDROBROMIDE
UPDT 8311 CAS: 52419-69-9 MW: 605.47 MOLFM: C27-H29-N3-O-S 2Br-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3200 mg/kg EJMCAS 11,115,76

WH1321800 SPIRO(PIPERIDINE-4,6'(7'H)-(5H)THIAZOLO(3,2-a)PYRIMIDIN)-3'-OL, 2',3'-DIHYDRO- 1-(PHENYLMETHYL)-3'-(5,6,7,8-TETRAHYDRO-2-NAPHTHALENYL)-, DIHYDROBROMIDE
UPDT 8311 CAS: 52419-72-4 MW: 609.53 MOLFM: C27-H33-N3-O-S 2Br-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3200 mg/kg EJMCAS 11,115,76

WH1321900 SPIRO(PIPERIDINE-4,6'(7'H)-(5H)THIAZOLO(3,2-a)PYRIMIDIN)-3'-OL, 2',3'-DIHYDRO-3'-PHENYL- 1-(PHENYLMETHYL)-, DIHYDROBROMIDE
UPDT 8311 CAS: 60856-20-4 MW: 555.43 MOLFM: C23-H27-N3-O-S 2Br-H
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:360 mg/kg EJMCAS 11,115,76
* ivn-mus LD50:30 mg/kg EJMCAS 11,115,76

SPIROPITAN see: XX8925000
SPIROTHAL see: HM2865000
SPIROTHIOBARBITAL see: HM2865000
SPIROTHIOBARBITAL MONOSODIUM SALT see: HM2865000
SPIROTHIOBARBITURATE 03620 see: HM2865000
20-SPIROX-4-ENE-3,20-DIONE see: TU4810000
SPIROZID see: CF8400000
SPIRT see: KQ6300000
SP-I SANDOZ see: TP8800000
SPL see: WI0195700
SPLOTIN see: BZ3400000 o-ANISAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-SULFAMOYL-
SPOFADAZINE see: WP0400000
SPOFADRIZINE see: WP1925000
SPONGOTHYMIDIN see: XP2100200
SPONGOTHYMIDINE see: XP2100200
S 65 (POLYMER) see: KV0350000

WH1331800 SPONDIANTHUS PREUSSI, trunk bark extract
DEF: African plant belonging to the family EUPHORBIACEAE (TOERD9 1,329,78)
UPDT 8308
TOXICITY DATA AND REFERENCES:
3J16J22K30 ipr-mus LD50:9500 mg/kg TOERD9 1,329,78

WH1331900 SPONDIANTHUS PREUSSI Engler, bark extract
DEF: African plant belonging to the family EUPHORBIACEAE (APFRAD 32,177,74)
UPDT 8308
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:7500 mg/kg APFRAD 32,177,74

WH1331950 SPONDIANTHUS PREUSSI Engler, leaf extract
DEF: African plant belonging to the family EUPHORBIACEAE (APFRAD 32,177,74)
UPDT 8308
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2400 mg/kg APFRAD 32,177,74

WH1332060 SPONDIAS PINNATA (Linn. f.) Kurz, stem bark extract
DEF: Indian plant belonging to the family ANACARDIACEAE (IJEBA6 12,512,74)
UPDT 8302
SYN: AMARA STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
3H30M10U26 ipr-mus LD50:375 mg/kg IJEBA6 12,512,74

SPONGIOFORT see: LX8580000
SPONGOADENOSINE see: AU6210000
SPONGOCYTIDINE see: HA5425000
SPONGOCYTIDINE HYDROCHLORIDE see: HA5500000
SPONGOURIDIN see: YQ8818000
SPONGOURIDINE see: YQ8818000
SPONTOX see: AJ8400000
SPORAMIN see: YM3500000

WH1332500 SPORAMYCIN
UPDT 8402 CAS: 61642-43-1
SYN: ANTIBIOTIC PO 357 * PO 357
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:15 mg/kg JANTAJ 30,77-120,77
ivn-mus LD50:13 mg/kg JANTAJ 30,77-120,77

WH1332550 SPORARICIN A
UPDT 8305 CAS: 68743-79-3 MW: 389.57 MOLFM: C17-H35-N5-O5
SYN: ANTIBIOTIC KA 6606I
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg 85GDA2 1,239,80
* scu-mus LD50:310 mg/kg JANTAJ 32,173,79
* ivn-mus LD50:73 mg/kg JANTAJ 32,173,79

WH1332560 SPORARICIN A, 3-DEMETHOXY-3-FLUORO-
UPDT 8305 MW: 377.53 MOLFM: C16-H32-F-N5-O4
SYN: 3-FLUORO-3-DEMETHOXYSPORARICIN A
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg JANTAJ 35,1245,82

WH1332580 SPORAVIRIDIN
DEF: Produced by STRETOSPORANGIUM VIRIDOGRISEUM (JAJAAA 19,85,66)
UPDT 8308
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:27 mg/kg JAJAAA 19,85,66
* ipr-mus LD50:920 ug/kg JAJAAA 19,85,66
* scu-mus LD50:2200 ug/kg JAJAAA 19,85,66
* ivn-mus LD50:460 ug/kg JAJAAA 19,85,66

SPOR-KIL see: OV6475000

WH1332800 SPOROBOLUS INDICUS R. Br., extract
DEF: Indian plant belonging to the family GRAMINEAE (IJEBA6 15,208,77)
UPDT 8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:250 mg/kg IJEBA6 15,208,77

SPOROSTATIN see: WG9800000
SPORTAK see: NI4000400
SPORTAK PF see: NI4000400
SPOTRETE see: JO1400000
SPOTRETE-F see: JO1400000
SPOTTED ALDER see: MG8325000
SPOTTON see: TF9625000
SPP see: DA9520000
SPRACAL see: CG0830000
SPRAY-DERMIS see: LT7700000
SPRAY-FORAL see: LT7700000
SPRAY-HORMITE see: AG8925000
SPRAYSET MEKP see: EL9450000
SPRAY-TROL BRAND RODEN-TROL see: GN4550000
SPREADING FACTOR see: MT7260000
SPRING-BAK see: FA6825000
SPRITZ-HORMIN/2,4-D see: AG6825000
SPRITZ-HORMIT see: AG8925000
SPRITZ-HORMIT/2,4-D see: AG6825000
SPRITZ-RAPIDIN see: GV4900000
SPROUT NIP see: FD8050000
SPROUT-NIP EC see: FD8050000
SPROUT-OFF see: HE4600000
SPROUT-OFF see: RH6560000
SPROUT/OFF see: UR5950000
SPROUT-STOP see: UR5950000
SPRUEHPFLANZOL see: GV4900000
SPS 600 see: WL6475000
SPUD-NIC see: FD8050000
SPUD-NIE see: FD8050000
SPURGE see: SJ9800000
SPUTA-NEUROTOXIN 1 see: YX4182060
SPUTA-NEUROTOXIN 2 see: YX4182070
SQ 1089 see: YT4900000
SQ 1156 see: TZ1225000
SQ 1489 see: JO1400000
SQ 2303 see: FB2710000
SQ 2321 see: AE3850000
SQ 3277 see: UT9800000
SQ 8388 see: XX9450000
SQ 9453 see: PV6210000
SQ 9538 see: VS2200000
SQ 10,643 see: GD7475000
SQ 11725 see: QJ4870000
SQ 13396 see: CZ2235000 1,3-BENZENEDICARBOXAMIDE, N,N'-BIS(2-HYDROXY-1-(HYDROXYMETHYL)ETHYL)-5-((2-HYDROXY-1- OXOPROPYL)AMINO)-2,4,6-TRIIODO-, (S)-
SQ 14,225 see: UY0550000
SQ 15101 see: TU5011700
SQ-15761 see: MW5200000
SQ 16496 see: BV8408500
SQ 16360 see: LV5775000
SQ 16423 see: XH9100000
SQ 16603 see: RC1350000
SQ 16819 see: FB1750000
SQ18506 see: RO0610000
SQ-18,566 see: TU5010200
SQ 21977 see: UO8985000
SQ 22451 see: UO7475000
SQ 26,776 see: UA2451400 PROPANOIC ACID, 2-((((1-(2-AMINO-4-THIAZOLYL)-2-((2-METHYL-4-OXO-1-SULFO-3-AZETIDINYL)AMINO)- 2-OXOETHYLIDENE)AMINO)OXY)-2-METHYL-, (2S-(2-alpha,3-beta(Z)))-
SQ 26,776 see: UA2451500
SQUARIC ACID see: GU1800000
SQUIBB see: TU5085000
SQUILL see: VF7350000
SR11 see: KV0350000
SR 73 see: VN8575000
SR 206 see: OZ4400000
SR 220 see: AS7350000
SR 247 see: AS8925000
SR 351 see: AT4810000
SR406 see: GW5075000
SR 1354 see: NI5572000
SR 1369 see: NI5566000
SR 1594 see: AT6970000
SR 2508 see: NI3355000 IMIDAZOLE-1-ACETAMIDE, N-(2-HYDROXYETHYL)-2-NITRO-
SR 720-22 see: VA1700000
SRA 3886 see: TB3675000
SRA 5172 see: TB4970000
SRA 7312 see: [illegible]
SRA 7847 see: TE3850000
SRA 12869 see: VO4395500
SRC-6 see: NJ0628000
SRC-906 see: NJ0628000
SRC-916 see: NJ0607500
SRC-I, process solvent see: WF6901500
SRC-II, heavy distillate see: WF6901600
SRC-II HEAVY DISTILLATE see: GF8290500
S-RESIN AER 20 see: YU1610000
SRG 95213 see: DK8185000
SRI 1354 see: NI5572000
SRI 6155 see: PB2665000
SRIF see: WF8751700
SRM 705 see: WL6475000
SRM 706 see: WL6475000
SRM 1475 see: TQ3325000
SRM 1476 see: TQ3325000
SS see: QW0970000
SS 1451 see: FG2700000
SS 2074 see: FG1400000

S-SEVEN see: TB1735000
ST see: XH5095500
ST 1 see: TR0400000
S.T. 37 see: VH1575000
ST 90 see: WL6475000
ST-155 see: NJ2490000
ST 155 see: TU3750000
ST-1435 see: RC8960750
I-ST-2121 see: PB9082000
ST-5066 see: AY3170000
ST 9067 (German) see: AB5836500
STABILAN see: BP5250000
STABILENE see: AF5775000
STABILENE see: TR4680000
STABILENE FLY REPELLENT see: TR4680000
STABILISATOR C see: FE1225000
STABILISATOR VH see: YU0650000
STABILIZATOR AR see: QM4550000
STABILIZED ETHYL PARATHION see: TF4550000
STABILIZER D-22 see: WH7000000
STABILIZER DLT see: UF8000000
STABILIZER Sn 251 (Czech) see: VX7560000
STABILIZER VH see: YU0650000
STABILLIN VK SYRUP 125 see: XH9275000
STABILLIN VK SYRUP 62.5 see: XH9275000
STABINOL see: DB2780000
STABINOL see: YS6650000
STABLE RED KB BASE see: XU5075000
STABOGEL see: TQ4375000

WH4010000 STACHTARPHETA JAMAICENSIS (Linn.) Vahl. var. INDICA H. J. Lam. extract
DEF:Indian plant belonging to the family VERBENACEAE (IJEBA6 12,512,74)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:500 mg/kg IJEBA6 12,512,74

WH4011000 STACHYS FLOCCOSA Benth., extract excluding roots
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

WH4012000 STACHYS SERICEA Wall., extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

WH4013000 STACHYS TIBETICA Vatke., extract excluding roots
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1J26 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

WH4015000 STACHYTARPHETA MUTABILIS Vahl., leaf and stem extract
DEF:Jamaican plant belonging to the family VERBENACEAE (JPPMAB 14,55662)
UPDT:8405
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:4 gm/kg JPPMAB 14,556,62

WH4020000 STACHYURUS HIMALAICUS Hk. f. & T., extract excluding roots
DEF:Indian plant belonging to the family STACHYURACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

STADOL see: QC7795000
STAFAC see: ZA4870000
STAFAST see: QJ0875000
STA-FAST see: UF8225000
STAFLEN E 650 see: TQ3325000
STAFLEX 500 see: TI0550000
STAFLEX DBM see: ON0875000
STAFLEX DBP see: TI0875000
STAFLEX DBS see: VS1150000
STAFLEX DOA see: AU9700000
STAFLEX DOP see: TI0350000
STAFLEX DOS see: VS1000000
STAFLEX DTBP see: TI1950000
STA-FRESH 615 see: FD3500000
STAGNO (TETRACLORURO DI) (Italian) see: XP8750000
STAKANE see: TM0806000
STALLIMYCIN see: WZ7108000
STALLIMYCIN HYDROCHLORIDE see: WZ7110000
STAM see: UE4900000
STAM F 34 see: UE4900000
STAMINE see: UT0875000
STAM LV 10 see: UE4900000
STAM M-4 see: UE4900000
STAMPEDE see: UE4900000
STAMPEDE 3E see: UE4900000
STAMPEN see: XH8925000

WH5293000 STAMPYRINE
UPDT:8310
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1291 mg/kg RPTOAN 35,293,72

STAM SUPERNOX see: UE4900000
STAMYLAN 900 see: TQ3325000
STAMYLAN 1000 see: TQ3325000
STAMYLAN 1700 see: TQ3325000
STAMYLAN 8200 see: TQ3325000
STAMYLAN 8400 see: TQ3325000
STANAPROL see: BV8052000
STANDACOL CARMOISINE see: QK1925000
STANDACOL ORANGE G see: QJ6500000
STANDACOL SUNSET YELLOW FCF see: QK2450000
STANDAK see: UE2080000
STANDAMIDD LD see: JR1925000
STANDAMUL 020 see: RK2975000
STANDAPOL 112 CONC see: WT1050000
STANDAPOL 125E see: WB7350000
STANDAPOL ES 1 see: WB7350000
STANDAPOL ES 2 see: WB7350000
STANDAPOL ES 3 see: WB7350000
STANDAPOL TLS 40 see: WT1000000
STANDAPOL WA-AC see: WT1050000
STANDAPOL WAQ SPECIAL see: WT1050000
STANDAPOL WAS 100 see: WT1050000
STANDARD LE/D ARSENATE see: CG0980000
STANEPHRIN see: DO7525000
STANGEN see: UT0875000
STANGEN MALEATE see: UT1225000
STANILO see: UQ0333500

WH5670000 STANNANE, ((p-ACETAMIDOBENZOYL)OXY)TRIBUTYL-
UPDT:7901 CAS: 2857-03-6 MW: 468.26 MOLFM: C21-H35-N-O3-Sn
SYN: TRIBUTYLTIN p-ACETAMIDOBENZOATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#02820
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH5680000 STANNANE, ((p-ACETAMIDOBENZOYL)OXY)TRIPHENYL-
UPDT:7901 CAS: 2847-65-6 MW: 528.20 MOLFM: C27-H23-N-O3-Sn
SYN: TRIPHENYLTIN p-ACETAMIDOBENZOATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#02971
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH5700000 STANNANE, ACETOXYDIETHYLPHENYL-
UPDT:8408 CAS: 64036-46-0 MW: 312.99 MOLFM: C12-H18-O2-Sn
SYN: ACETOXYDIETHYLPHENYLSTANNANE * DIETHYL PHENYLTIN ACETATE * TIN, DIETHYL PHENYL-, ACETATE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:50 mg/kg BJPCAL 10,16,55
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH5750000 STANNANE, ACETOXYDIPHENYLETHYL-
UPDT:8408 MW: 361.03 MOLFM: C16-H18-O2-Sn
SYN: ACETOXYDIPHENYLETHYLSTANNANE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:316 mg/kg PHARAT 37,801,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH5775000 STANNANE, ACETOXYTRIBUTYL-
UPDT:8408 CAS: 56-36-0 MW: 349.13 MOLFM: C14-H30-O2-Sn
SYN: TIN, TRIBUTYL-, ACETATE * TRIBUTYLTIN ACETATE * TRI-n-BUTYL-ZINN-ACETAT (German)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:99 mg/kg JPMSAE 56,240,67
ipr-rat LDLo:10 mg/kg BJPCAL 10,16,55
orl-mus LDLo:100 mg/kg BJIMAG 15,15,58
* ivn-mus LD50:180 mg/kg CSLNX* NX#01672
orl-rbt LDLo:40 mg/kg BJIMAG 15,15,58
orl-gpg LDLo:20 mg/kg BJPCAL 10,16,55
unk-mam LD50:500 mg/kg 30ZDA9 -,301,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH5800000 STANNANE, ACETOXYTRICYCLOHEXYL-
UPDT:8408 CAS: 13121-71-6 MW: 427.25 MOLFM: C20-H36-O2-Sn
SYN: ACETOXYTRICYCLOHEXYLSTANNANE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:178 mg/kg PHARAT 37,801,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH5950000 STANNANE, ACETOXYTRIETHYL-
UPDT:8408 CAS: 1907-13-7 MW: 264.95 MOLFM: C8-H18-O2-Sn
SYN: ACETOXYTRIETHYLSTANNANE * TIN, TRIETHYL-, ACETATE * TRIAETHYLZINNACETAT (German) * TRIETHYLTIN ACETATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4 mg/kg BJIMAG 15,15,58
ivn-rat LD50:4200 ug/kg BJIMAG 15,15,58
* ivn-mus LD50:8 mg/kg CSLNX* NX#02839
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EQSFAP 4,80,75
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6125000 STANNANE, ACETOXYTRIHEXYL-
UPDT:8408 CAS: 2897-46-3 MW: 433.31 MOLFM: C20-H42-O2-Sn
SYN: TIN, TRIHEXYL-, ACETATE * TRIHEXYLTIN ACETATE * TRI-n-HEXYLZINNACETAT (German)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1000 mg/kg BJIMAG 15,15,58
ivn-rat LDLo:6 mg/kg BJIMAG 15,15,58
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6300000 STANNANE, ACETOXYTRIISOPROPYL-
UPDT:7901 CAS: 19461-55-2 MW: 307.04 MOLFM: C11-H24-O2-Sn
SYN: TIN, TRIISOPROPYL-, ACETATE * TRIISOPROPYLTIN ACETATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:44 mg/kg BJIMAG 15,15,58
ivn-rat LD50:12 mg/kg BJIMAG 15,15,58
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73; EQSFAP 4,80,75
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6475000 STANNANE, ACETOXYTRIMETHYL-
UPDT:8408 CAS: 1118-14-5 MW: 222.86 MOLFM: C5-H12-O2-Sn
SYN: TIN, TRIMETHYL-, ACETATE * TRIMETHYLTIN ACETATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:9 mg/kg BJIMAG 15,15,58
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EQSFAP 4,80,75
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6500000 STANNANE, ACETOXYTRIOCTYL-
UPDT:8408 CAS: 919-28-8 MW: 517.49 MOLFM: C26-H54-O2-Sn
SYN: ACETOXYTRIOCTYLSTANNANE * STANNANE, (ACETYLOXY)TRIOCTYL-
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:30 gm/kg PHARAT 37,801,82

WH6600000 STANNANE, ACETOXYTRIPENTYL-
UPDT:8408 CAS: 2587-75-9 MW: 391.22 MOLFM: C17-H36-O2-Sn
SYN: ACETOXYTRIPENTYLSTANNANE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:447 mg/kg PHARAT 37,801,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6650000 STANNANE, ACETOXYTRIPHENYL-
UPDT:8408 CAS: 900-95-8 MW: 409.07 MOLFM: C20-H18-O2-Sn
SYN: ACETATOTRIPHENYLSTANNANE * ACETATE DE TRIPHENYL-ETAIN (French) * ACETATO DI STAGNO TRIFENILE (Italian) * ACETOXY-TRIPHENYL-STANNAN (German) * ACETOXYTRIPHENYLSTANNANE * BATASAN * BRESTAN * BRESTAN 60 * ENT 25208 * FENOLOVO ACETATE * FENTIN ACETAAT (Dutch) * FENTIN ACETAT (German) * FENTIN ACETATE * FENTINE ACETATE (French) * FINTIN ACETATO (Italian) * GC 6936 * HOE 2824 * LIROMATIN * LIROSTANOL * PHENTINOACETATE * PHENTIN ACETATE * STANNANE, (ACETYLOXY)TRIPHENYL- (9CI) * SUZU * TIN, ACETOXYTRIPHENYL- * TINESTAN * TINESTAN 60 WP * TIN TRIPHENYL ACETATE * TPTA * TPZA * TRIFENYL-TINACETAAT (Dutch) * TRIPHENYLACETO STANNANE * TRIPHENYLTIN ACETATE * TRIPHENYL-ZINNACETAT (German) * TUBOTIN * VP 1940
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:50 mg/kg (6-15D preg) BECTA6 24,936,80
2T25T26 orl-rat TDLo:150 mg/kg (6-15D preg) BECTA6 24,936,80
1T02 orl-rat TDLo:380 mg/kg (19D male) JEENAI 61,32,68
2T76T85 orl-rat TDLo:54 mg/kg (7-15D preg) NTOTDY 4,247,82
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-mus TDLo:132 gm/kg/78W-I NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
orl-rat LD50:125 mg/kg TIUSAD 43,9,58
skn-rat LD50:450 mg/kg ARZNAD 19,934,69
ipr-rat LD50:8500 ug/kg BJIMAG 23,222,66
ivn-rat LD50:18 mg/kg GUCHAZ 6,281,73
orl-mus LD50:81.3 mg/kg BJIMAG 23,222,66
ipr-mus LD50:719 mg/kg BJIMAG 23,222,66
scu-mus LD50:44 mg/kg GUCHAZ 6,281,73
* ivn-mus LD50:18 mg/kg CSLNX* NX#00648
orl-rbt LD50:30 mg/kg 85DPAN -,-,71/76
ipr-rbt LD50:10 mg/kg ARZNAD 13,432,63
orl-gpg LDLo:10 mg/kg BJPCAL 10,16,55
skn-gpg LDLo:180 mg/kg BJIMAG 23,222,66
ipr-gpg LD50:374 ug/kg BJIMAG 23,222,66
* orl-qal LD50:100 mg/kg JRPFA4 48,371,76
ipr-ckn LD50:10 mg/kg BJIMAG 23,222,66
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73; EQSFAP 4,80,75
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6700000 STANNANE, ACETOXYTRIPROPYL-
UPDT:8408 CAS: 3267-78-5 MW: 307.04 MOLFM: C11-H24-O2-Sn
SYN: TRIPROPYLTIN ACETATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:118 mg/kg BJIMAG 15,15,58
ivn-rat LDLo:24 mg/kg BJIMAG 15,15,58
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73; EQSFAP 4,80,75
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6701000 STANNANE, ACETOXYTRIS(beta,beta-DIMETHYLPHENETHYL)-
UPDT:8408 MW: 577.43 MOLFM: C32-H42-O2-Sn
SYN: ACETOXYTRIS(beta,beta-DIMETHYLPHENETHYL)STANNANE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2570 mg/kg PHARAT 37,801,82

WH6702000 STANNANE, (ACETYLENECARBONYLOXY)TRIPHENYL-
UPDT:7902 CAS: 67410-20-2 MW: 419.06 MOLFM: C21-H16-O2-Sn
SYN: PROPIOLIC ACID, TRIPHENYLSTANNYL ESTER * TRIPHENYLTIN PROPIOLATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#05130
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1mg(Sn)/m3 NTIS**

STANNANE, (ACETYLOXY)TRIOCTYL- see: WH6500000 STANNANE, ACETOXYTRIOCTYL-
STANNANE, (ACETYLOXY)TRIPHENYL- (9CI) see: WH6650000

WH6705000 STANNANE, ALLYLTRIPHENYL-
UPDT:7901 CAS: 76-63-1 MW: 391.10 MOLFM: C21-H20-Sn
SYN: ALLYLTRIPHENYLTIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg CSLNX* NX#02200
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6710000 STANNANE, BENZOYLOXYTRIBUTYL-
UPDT:7908 CAS: 4342-36-3 MW: 411.20 MOLFM: C19-H32-O2-Sn
SYN: BENZOYLOXYTRIBUTYLSTANNANE * TIN, TRIBUTYL-, BENZOATE * TRIBUTYLTIN BENZOATE * TRI-n-BUTYL-ZINN BENZOATE (German)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:132 mg/kg ARZNAD 19,934,69
scu-rat LD50:505 mg/kg TRIPA7 -,1,73
* ivn-mus LD50:178 mg/kg CSLNX* NX#00090
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6710500 STANNANE, BENZOYLOXYTRIPHENYL-
UPDT:8104 CAS: 910-06-5 MW: 471.14 MOLFM: C25-H20-O2-Sn
SYN: BENZOYLOXYTRIPHENYLSTANNANE * TRIPHENYLSTANNYL BENZOATE * TRIPHENYLTIN BENZOATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#02984
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6711000 STANNANE, (2-BIPHENYLYLOXY)TRIBUTYL)-
UPDT:7901 CAS: 3644-37-9 MW: 460.30 MOLFM: C24-H37-O-Sn
SYN: (2-BIPHENYLOXY)TRIBUTYLTIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg CSLNX* NX#01826
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6712000 STANNANE, BIS(BUTOXYMALEOYLOXY)DIBUTYL-
UPDT:7908 CAS: 15546-16-4 MW: 575.33 MOLFM: C24-H40-O8-Sn
SYN: DI-n-BUTYLTIN DI(MONOBUTYL)MALEATE * DI-n-BUTYL-ZINN-DI(MONOBUTYL)MALEINAT (German) * STANNANE, BIS(MONOBUTOXYMALEOYLOXY)DIBUTYL-
TOXICITY DATA AND REFERENCES:
orl-rat LD50:120 mg/kg ARZNAD 19,934,69
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6714000 STANNANE, BIS(BUTOXYMALEOYLOXY)DIOCTYL-
UPDT:8305 CAS: 29575-02-8 MW: 687.57 MOLFM: C32-H56-O8-Sn
SYN: DI-n-OCTYLTIN BIS(BUTYL MALEATE) * DI-n-OCTYLTIN DIMONOBUTYLMALEATE * DI-n-OCTYLZINN-DIMONOBUTYLMALEINAT (German) * STANNANE, DIOCTYLBIS(MONOBUTOXYMALEOYLOXY)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2030 mg/kg ARZNAD 19,934,69
3F12J26K01 orl-mus LD50:3750 mg/kg FCTXAV 8,655,70
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH6714200 STANNANE, BIS(BUTYLTHIO)DIMETHYL-
UPDT:7901 CAS: 1000-40-4 MW: 327.15 MOLFM: C10-H24-S2-Sn
SYN: BIS(BUTYLTHIO)DIMETHYLTIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:320 mg/kg CSLNX* NX#01865
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6714250 STANNANE, BIS(10-CAMPHORSULFONATO)DIETHYL-
UPDT:7901 CAS: 73940-85-9 MW: 639.45 MOLFM: C24-H40-O8-S2-Sn
SYN: DIETHYLTIN DI(10-CAMPHORSULFONATE) * BIS(2-OXO-9-BORNANESULFONIC ACID) DIETHYLSTANNYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:89 mg/kg CSLNX* NX#03150
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6714300 STANNANE, BIS(p-CHLOROPHENYLTHIO)DIMETHYL-
UPDT:7901 CAS: 55216-04-1 MW: 435.99 MOLFM: C14-H14-Cl2-S2-Sn
SYN: BIS(p-CHLOROPHENYLTHIO)DIMETHYLTIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#01645
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6714310 STANNANE, BIS(DECANOYLOXY)DI-n-BUTYL-
UPDT:7901 CAS: 3465-75-6 MW: 575.53 MOLFM: C28-H56-O4-Sn
SYN: BIS(DECANOYLOXY)DI-n-BUTYLSTANNANE * TIN, BIS(DECANOYLOXY)DI-n-BUTYL-
TOXICITY DATA AND REFERENCES:
orl-rat LD50:153 mg/kg 28ZPAK -,229,72
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6714330 STANNANE, BIS((DIBUTYLDITHIOCARBAMOYL)-OXY)DIBENZYL-
UPDT:7901 CAS: 64653-03-8 MW: 709.77 MOLFM: C32-H50-N2-S4-Sn
SYN: BIS(DIBUTYLDITHIOCARBAMATO)DIBENZYLSTANNANE * DIBENZYLTIN BIS(DIBUTYLDITHIOCARBAMATE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#02082
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6714370 STANNANE, BIS((DIBUTYLDITHIOCARBAMOYL)OXY)DIMETHYL-
UPDT:7901 CAS: 64653-05-0 MW: 557.57 MOLFM: C20-H42-N2-S4-Sn
SYN: BIS(DIBUTYLDITHIOCARBAMATO)DIMETHYLSTANNANE * DIMETHYLTIN BIS(DIBUTYLDITHIOCARBAMATE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#02075
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

STANNANE, BIS(DODECANOYLOXY) DI-n-BUTYL- see: WH7000000
STANNANE, BIS(DODECANOYLOXY)DIOCTYL- see: WH7562000

WH6714500 STANNANE, BIS(2-ETHYLHEXANOYLOXY)DIBUTYL-
UPDT:7901 CAS: 2781-10-4 MW: 519.41 MOLFM: C24-H48-O4-Sn
SYN: DI-n-BUTYLTIN DI-2-ETHYLHEXANOATE * STANNANE, DIBUTYLBIS((2-ETHYLHEXANOYL)OXY)-
TOXICITY DATA AND REFERENCES:
orl-rat LD50:200 mg/kg JPMSAE 56,240,67
* ivn-mus LD50:178 mg/kg CSLNX* NX#00178
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STANNANE, BIS(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)DIBUTYL- see: WH7125000

WH6717000 STANNANE, BIS((2-ETHYLHEXYLOXY)MALEOLOXY)DIBUTYL-
UPDT:7901 CAS: 15546-12-0 MW: 687.57 MOLFM: C32-H56-O8-Sn
SYN: BIS((2-(ETHYL)HEXYLOXY)MALEOYLOXY)DI(n-BUTYL)STANNANE * 2-ETHYLHEXYLMALEINAN DI-n-BUTYLCINICITY (Czech) * TIN, BIS(HYDROGEN MALEATO)DIBUTYL-, BIS(2-ETHYLHEXYL) ESTER
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,230,72
eye-rbt 100 mg/24H SEV 28ZPAK -,230,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:284 mg/kg 28ZPAK -,230,72
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6718000 STANNANE, BIS(HEXANOYLOXY)DI-n-BUTYL-
UPDT:7903 CAS: 19704-60-0 MW: 463.29 MOLFM: C20-H40-O4-Sn
SYN: BIS(HEXANOYLOXY)DI-n-BUTYLSTANNANE * KAPRONAN DI-n-BUTYLCINICITY (Czech) * TIN, BIS(HEXANOYLOXY)DI-n-BUTYL-
IRRITATION DATA AND REFERENCES:
skn-rbt 50 mg/24H SEV 28ZPAK -,229,72
eye-rbt 20 mg/24H SEV 28ZPAK -,229,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:94 mg/kg 28ZPAK -,229,72
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6719000 STANNANE, BIS(ISOOCTYLOXYCARBONYLMETHYLTHIO)DIBUTYL-
UPDT:7908 CAS: 25168-24-5 MW: 639.65 MOLFM: C28-H56-O4-S2-Sn
SYN: BIS(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)DIBUTYLSTANNANE * DIBUTYLZINN-S,S'-BIS(ISOOCTYLTHIOGLYCOLAT) (German) * TIN, DIBUTYL-, BIS(ISOOCTYLTHIOGLYCOLLATE)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:500 mg/kg TRIPA7 -,1,73
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6721000 STANNANE, BIS(ISOOCTYLOXYCARBONYLMETHYLTHIO)DIMETHYL-
UPDT:7908 CAS: 26636-01-1 MW: 555.47 MOLFM: C22-H44-O4-S2-Sn
SYN: BIS(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)DIMETHYLSTANNANE * DIMETHYLZINN-S,S'-BIS(ISOOCTYLTHIOGLYCOLAT) (German) * TIN, DIMETHYL-, BIS(ISOOCTYLTHIOGLYCOLLATE)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1380 mg/kg TRIPA7 -,1,73
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH6723000 STANNANE, BIS(ISOOCTYLOXYCARBONYLMETHYLTHIO)DIOCTYL-
UPDT:8203 CAS: 26401-97-8 MW: 751.89 MOLFM: C36-H72-O4-S2-Sn
SYN: ACETIC ACID, 2,2'-((DIOCTYLSTANNYLENE)BIS(THIO))BIS-, DIISOOCTYL ESTER * ADVASTAB 17 MO * DIISOOCTYL ((DIOCTYLSTANNYLENE)DITHIO)DIACETATE * DIOCTYLTIN BIS(ISOOCTYL MERCAPTOACETATE) * DIOCTYLTIN S,S'-BIS(ISOOCTYL MERCAPTOACETATE) * DI-(n-OCTYL)TIN-S,S'-BIS(ISOOCTYLMERCAPTOACETATE) * DIOCTYLTIN BIS(ISOOCTYL THIOGLYCOLATE) * DI-n-OCTYLTIN DIISOOCTYL THIOGLYCOLATE * DI-n-OCTYL-ZINN-DI-ISOOCTYLTHIOGLYKOLAT (German) * DOTG * THERMOLITE 831 * TIN, DIOCTYL-, BIS(ISOOCTYLTHIOGLYCOLLATE) * TIN, BIS(MERCAPTOACETATE)DIOCTYL-, BIS(ISOOCTYL) ESTER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:420 mg/kg (1-21D preg) TXAPA9 26,253,73
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1277 mg/kg ARZNAD 19,934,69
unk-rat LD50:1975 mg/kg TIUSAD 107,1,76
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 m3(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6727000 STANNANE, BIS(ISOOCTYLOXYMALEOYLOXY)DIOCTYL-
UPDT:7908 CAS: 33568-99-9 MW: 799.81 MOLFM: C40-H72-O8-Sn
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2760 mg/kg TRIPA7 -,1,73
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH6728000 STANNANE, BIS(LAUROYLOXYCARBONYLMETHYLTHIO)DIOCTYL-
UPDT:7901 CAS: 69226-43-3 MW: 864.13 MOLFM: C44-H88-O4-S2-Sn
SYN: DI-n-OCTYLTIN BIS(LAURYLTHIOGLYCOLATE) * DI-n-OCTYL-ZINN-BIS(LAURYL-THIOGLYKOLAT) (German)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3700 mg/kg ARZNAD 19,934,69
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

STANNANE, BIS(LAUROYLOXY)DIBUTYL- see: WH7000000
STANNANE, BIS(LAUROYLOXY)DIOCTYL- see: WH7562000

WH6729000 STANNANE, BIS(METHOXYMALEOYLOXY)DIBUTYL-
UPDT:7908 CAS: 15546-11-9 MW: 491.15 MOLFM: C18-H28-O8-Sn
SYN: DI-n-BUTYLZINN-DIMONOMETHYLMALEINAT (German)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:62 mg/kg TRIPA7 -,1,73
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6730000 STANNANE, BIS(METHOXYMALEOYLOXY)DIOCTYL-
UPDT:7901 CAS: 60494-19-1 MW: 603.39 MOLFM: C26-H44-O8-Sn
SYN: DI-n-OCTYLZINN-DIMONOMETHYLMALEINAT (German)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1673 mg/kg TRIPA7 -,1,73

REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6730500 STANNANE, BIS((METHYLSULFONYL)OXY)DIBUTYL-
UPDT:7901 CAS: 73927-86-3 MW: 423.15 MOLFM: C10-H24-O6-S2-Sn
SYN: DI-n-BUTYLTIN BISMETHANESULFONATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:10 mg/kg CSLNX* NX#02276
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6730900 STANNANE, BIS((METHYLSULFONYL)OXY)DIPROPYL-
UPDT:7901 CAS: 73927-87-4 MW: 395.09 MOLFM: C8-H20-O6-S2-Sn
SYN: DI-n-PROPYLTIN BISMETHANESULFONATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:17800 ug/kg CSLNX* NX#02277
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

STANNANE, BIS(MONOBUTOXYMALEOYLOXY)DIBUTYL- see: WH6712000
STANNANE, BIS(NONYLOXYMALEOYLOXY)DIOCTYL- see: WH7540000

WH6733100 STANNANE, BIS(OCTANOYLOXY)DI-n-BUTYL-
UPDT:8205 CAS: 4731-77-5 MW: 519.41 MOLFM: C24-H48-O4-Sn
SYN: BIS(OCTANOYLOXY)DI-n-BUTYLSTANNANE * DIBUTYLTIN DICAPRYLATE * DIBUTYLTIN DIOCTANOATE * DIBUTYLTIN DIOCTOATE * DIBUTYLTIN OCTANOATE * KAPRYLAN DI-n-BUTYLCINICITY (Czech) * STANNANE, DIBUTYLBIS(OCTANOYLOXY)- * STANNANE, DIBUTYLBIS((1-OXOOCTYL)OXY)- * TIN, BIS(OCTANOYLOXY)DI-n-BUTYL-
IRRITATION DATA AND REFERENCES:
skn-rbt 50 mg/24H SEV 28ZPAK -,229,72
eye-rbt 20 mg/24H SEV 28ZPAK -,229,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:130 mg/kg 28ZPAK -,229,72
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recd std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6733300 STANNANE, BIS(OLEOYLOXY)DIBUTYL-
UPDT:7908 CAS: 13323-62-1 MW: 765.67 MOLFM: C44-H54-O4-Sn
SYN: CN 447 * DIBUTYLTIN DIOLEATE * STANNANE, DIBUTYLBIS(OLEOYLOXY)- * STANNANE, DIBUTYLBIS((1-OXO-9-OCTADECENYL)OXY)-, (Z,Z)-
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg CSLNX* NX#03563
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH6733500 STANNANE, BIS(p-PHENOXYPHENYL)DIPHENYL-
UPDT:7901 CAS: 17601-12-6 MW: 611.33 MOLFM: C36-H28-O2-Sn
SYN: BIS(p-PHENOXYPHENYL)DIPHENYLTIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#01351
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6733700 STANNANE, BIS(PHENYLTHIO)DIMETHYL-
UPDT:7901 CAS: 4848-63-9 MW: 367.11 MOLFM: C14-H16-S2-Sn
SYN: BIS(PHENYLTHIO)DIMETHYLTIN * STANNANE, DIMETHYLBIS(PHENYLTHIO)-
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#01670
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6733800 STANNANE, BIS(PHENYLTHIO)DIPHENYL-
UPDT:7901 CAS: 1103-05-5 MW: 491.25 MOLFM: C24-H20-S2-Sn
SYN: DIPHENYLBIS(PHENYLTHIO)TIN * STANNANE, DIPHENYLBIS(PHENYLTHIO)-
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#01644
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6733850 STANNANE, BIS(TETRADECANOYLOXY)DIBUTYL-
UPDT:7901 CAS: 28660-67-5 MW: 687.77 MOLFM: C36-H72-O4-Sn
SYN: MYRISTAN DI-n-BUTYLCINICITY (Czech) * TIN, DI-n-BUTYL-, DI(TETRADECANOATE)
IRRITATION DATA AND REFERENCES:
skn-rbt 50 mg/24H SEV 28ZPAK -,230,72
eye-rbt 20 mg/24H SEV 28ZPAK -,230,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:138 mg/kg 28ZPAK -,230,72
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6734000 STANNANE, BIS(TRIFLUOROACETOXY)DIBUTYL-
UPDT:8307 CAS: 52112-09-1 MW: 458.99 MOLFM: C12-H18-F6-O4-Sn
SYN: BIS(TRIFLUOROACETOXY)DIBUTYLTIN * DIBUTYLTIN BIS(TRIFLUOROACETATE) * DTBT * STANNANE, DIBUTYLBIS(TRIFLUOROACETOXY)-
TOXICITY DATA AND REFERENCES:
orl-mus LD50:53600 ug/kg GISAAA 41(5),10,76
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6735000 STANNANE, BROMOTRIBUTYL-
UPDT:8205 CAS: 1461-23-0 MW: 369.99 MOLFM: C12-H27-Sn Br
SYN: STANNANE, TRIBUTYLBROMO- * TIN, TRI-n-BUTYL-, BROMIDE * TRI-n-BUTYLTIN BROMIDE
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:1030 mg/m3 NDRC** NDCrc-132,Feb,42
orl-rbt LDLo:1336 mg/kg SAIGBL 15,3,73
skn-rbt LDLo:935 mg/kg SAIGBL 15,3,73
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6740000 STANNANE, BROMOTRIETHYL-
UPDT:7901 CAS: 2767-54-6 MW: 285.81 MOLFM: C6-H15-Br-Sn
SYN: TIN, TRIETHYL-, BROMIDE * TRIETHYL TIN BROMIDE
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:1640 mg/m3 NDRC** NDCrc-132,Feb,42
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH6745000 STANNANE, BROMOTRIETHYL-, compd. with 2-PIPECOLINE (1:1)
UPDT:7906 CAS: 73926-90-6 MW: 385.01 MOLFM: C6-H15-Br-Sn C6-H13-N
SYN: BROMOTRIETHYLSTANNANE compd with 2-PIPECOLINE (1:1) * TRIETHYLTIN BROMIDE-2-PIPECOLINE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#05989
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6750000 STANNANE, BROMOTRIPENTYL-
UPDT:7902 CAS: 3091-18-7 MW: 412.08 MOLFM: C15-H33-Br-Sn
SYN: BROMOTRIPENTYLSTANNANE * TRI-n-PENTYLTIN BROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#05775
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1mg(Sn)/m3 NTIS**

WH6760000 STANNANE, BROMOTRIPROPYL-
UPDT:7901 CAS: 2767-61-5 MW: 327.90 MOLFM: C9-H21-Br-Sn
SYN: TIN, TRI-n-PROPYL-, BROMIDE * TRI-n-PROPYLTIN BROMIDE
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:1650 mg/m3 NDRC** NDCrc-132,Feb,42
* ivn-mus LD50:3600 ug/kg CSLNX* NX#02334
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6765000 STANNANE, BUTYLDIETHYLIODO-
UPDT:7906 CAS: 17563-48-3 MW: 360.86 MOLFM: C8-H19-I-Sn
SYN: n-BUTYLDIETHYLTIN IODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:7100 ug/kg CSLNX* NX#05977
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6768000 STANNANE, BUTYLDIETHYLIODO-, compd. with AMMONIA
UPDT:7906 MW: 377.90 MOLFM: C8-H19-I-Sn H3-N
SYN: BUTYLDIETHYLIODOSTANNANE AMMONIA * n-BUTYLDIETHYLTIN IODIDE-AMMONIA
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#06013
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6770000 STANNANE, BUTYLHYDROXYOXO-
UPDT:7908 CAS: 2273-43-0 MW: 208.83 MOLFM: C4-H10-O2-Sn
SYN: BUTYLSTANNOIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#03474
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH6770200 STANNANE, (BUTYLTHIO)TRIOCTYL-
UPDT:8004 MW: 547.63 MOLFM: C28-H60-S-Sn
SYN: (BUTYLTHIO)TRIOCTYLSTANNANE * TRIOCTYL(BUTYLTHIO)STANNANE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:389 mg/kg RPTOAN 42,73,79
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6770400 STANNANE, (BUTYLTHIO)TRIPROPYL-
UPDT:8004 MW: 337.18 MOLFM: C13-H30-S-Sn
SYN: (BUTYLTHIO)TRIPROPYLSTANNANE * TRIPROPYL(BUTYLTHIO)STANNANE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:27 mg/kg RPTOAN 42,73,79
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6780000 STANNANE, BUTYLTRICHLORO-
UPDT:8112 CAS: 1118-46-3 MW: 282.17 MOLFM: C4-H9-Cl3-Sn
SYN: CHLORID n-BUTYLCINICITY (Czech) * MONOBUTYLTIN TRICHLORIDE * TIN, n-BUTYL-, TRICHLORIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 50 mg/24H SEV 28ZPAK -,225,72
eye-rbt 50 ug/24H SEV 28ZPAK -,225,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2140 mg/kg 28ZPAK -,225,72
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH6785000 STANNANE, BUTYLTRI(LAUROYLOXY)-
UPDT:8205 CAS: 25151-00-2 MW: 767.81 MOLFM: C40-H72-O6-Sn
SYN: BTT * BUTYLTIN TRILAURATE * BUTYLTRI(LAUROYLOXY)STANNANE * MONOBUTYLTIN TRILAURATE * TIN, BUTYL-, TRI(DODECANOATE)
TOXICITY DATA AND REFERENCES:
orl-mus LD50:325 mg/kg GISAAA 41(5),10,76
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6787000 STANNANE, BUTYLTRIS((DIBUTYLDITHIOCARBAMOYL)OXY)-
UPDT:7901 CAS: 73927-88-5 MW: 789.02 MOLFM: C31-H63-N3-S6-Sn
SYN: n-BUTYLTIN TRIS(DIBUTYLDITHIOCARBAMATE) * BUTYLTRIS(DIBUTYLDITHIOCARBAMATO)STANNANE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#02083
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6790000 STANNANE, BUTYLTRIS(ISOOCTYLOXYCARBONYLMETHYLTHIO)-
UPDT:7908 CAS: 25852-70-4 MW: 785.87 MOLFM: C34-H66-O6-S3-Sn
SYN: BUTYLTRIS(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)STANNANE * TIN, BUTYL-, TRIS(ISOOCTYLTHIOGLYCOLLATE)
TOXICITY DATA AND REFERENCES:
unk-rat LD50:1063 mg/kg TIUSAD 107,1,76
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH6792000 STANNANECARBONITRILE, TRIBUTYL-
UPDT:7902 CAS: 2179-92-2 MW: 316.10 MOLFM: C13-H27-N-Sn
SYN: TRIBUTYLSTANNANECARBONITRILE * TRI-n-BUTYLTIN CYANIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#05643
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1mg(Sn)/m3 NTIS**

WH6795000 STANNANE, (CHLOROACETOXY)TRIBUTYL-
UPDT:7901 CAS: 5847-52-9 MW: 383.57 MOLFM: C14-H29-Cl-O2-Sn
SYN: (CHLOROACETOXY)TRIBUTYLSTANNANE * TIN, TRIBUTYL-, CHLOROACETATE * TRIBUTYLTIN CHLOROACETATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:8 mg/kg CSLNX* NX#02270
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6797000 STANNANE, ((4-CHLOROBUTYRYL)OXO)TRIBUTYL-
UPDT:7901 CAS: 33550-22-0 MW: 411.63 MOLFM: C16-H33-Cl-O2-Sn
SYN: BUTYRIC ACID, 4-CHLORO-, TRIBUTYLSTANNYL ESTER * 4-CHLOROBUTYRIC ACID TRIBUTYLSTANNYL ESTER * STANNANE, TRIBUTYL((4-CHLOROBUTYRYL)OXO)- * TRIBUTYLTIN gamma-CHLOROBUTYRATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#03746
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6800000 STANNANE, CHLOROTRIBENZYL-
UPDT:7901 CAS: 3151-41-5 MW: 427.56 MOLFM: C21-H21-Cl-Sn
SYN: CHLORID TRIBENZYLCINICITY (Czech) * STANNANE, TRIBENZYLCHLORO- * TIN, TRIBENZYL-, CHLORIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,232,72
eye-rbt 5 mg/24H SEV 28ZPAK -,232,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:175 mg/kg 28ZPAK -,232,72
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6820000 STANNANE, CHLOROTRIBUTYL-
UPDT:7908 CAS: 1461-22-9 MW: 325.53 MOLFM: C12-H27-Cl-Sn
SYN: CHLORID TRI-n-BUTYLCINICITY (Czech) * CHLOROTRIBUTYLSTANNANE * STANNANE, TRIBUTYLCHLORO- * TIN, TRI-n-BUTYL-, CHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 50 ug/24H SEV 28ZPAK -,231,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:129 mg/kg 28ZPAK -,231,72
unk-rat LD50:2300 mg/kg TIUSAD 107,1,76
orl-rbt LDLo:30 mg/kg SAIGBL 15,3,73
skn-rbt LDLo:70 mg/kg SAIGBL 15,3,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6840000 STANNANE, CHLOROTRIETHYL-
UPDT:8305 CAS: 994-31-0 MW: 241.35 MOLFM: C6-H15-Cl-Sn
SYN: CHLOROTRIETHYLSTANNANE * CHLOROTRIETHYLTIN * TIN, TRIETHYL-, CHLORIDE * TRIETHYLCHLOROSTANNANE * TRIETHYLCHLOROTIN * TRIETHYLSTANNYL CHLORIDE * TRIETHYLTIN CHLORIDE
TOXICITY DATA AND REFERENCES:
3C08F01F07 ipr-rat LD50:5160 ug/kg FCTXAV 7,47,69
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH6845000 STANNANE, CHLORO(TRIISOBUTYL)-
UPDT:7902 CAS: 7342-38-3 MW: 325.53 MOLFM: C12-H27-Cl-Sn
SYN: CHLORO(TRIISOBUTYL)STANNANE * TRIISOBUTYLTIN CHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:5 mg/kg CSLNX* NX#05523
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1mg(Sn)/m3 NTIS**

WH6848000 STANNANE, CHLOROTRIISOPROPYL-
UPDT:8408 CAS: 14101-95-2 MW: 283.44 MOLFM: C9-H21-Cl-Sn
SYN: CHLOROTRIISOPROPYLSTANNANE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:44 mg/kg PHARAT 37,801,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6850000 STANNANE, CHLOROTRIMETHYL-
UPDT:8408 CAS: 1066-45-1 MW: 199.26 MOLFM: C3-H9-Cl-Sn
SYN: CHLOROTRIMETHYLSTANNANE * CHLOROTRIMETHYLTIN * M&T CHEMICALS 1222-45 * TRIMETHYLCHLOROSTANNANE * TRIMETHYLCHLOROTIN * TRIMETHYLSTANNYL CHLORIDE * TRIMETHYLTIN CHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 orl-rat TDLo:9066 ug/kg (14D pre-21D post) NTOTDY 4,539,82
2T72T76 ipr-rat TDLo:9 mg/kg (17D preg) TJADAB 29(2),50A,84
1T81 ipr-rat TDLo:9 mg/kg (12D preg) TJADAB 29(2),50A,84
TOXICITY DATA AND REFERENCES:
3F11F13F43 orl-rat LD50:12600 ug/kg AJPAA4 97,59,79
* ivn-mus LD50:1800 ug/kg CSLNX* NX#02983
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6860000 STANNANE, CHLOROTRIPHENYL-
UPDT:8309   CAS: 639-58-7   MW: 385.47   MOLFM: C18-H15-Cl-Sn
SYN: AQUATIN * BRESTANOL * CHLOROTRIPHENYLSTANNANE * CHLOROTRIPHENYLTIN * FENTIN CHLORIDE * GC 8993 * GENERAL CHEMICALS 8993 * HOE 2872 * LS 4442 * TPTC * TINMATE * TRIPHENYLCHLOROSTANNANE * TRIPHENYLCHLOROTIN * TRIPHENYLTIN CHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T03   orl-rat TDLo:380 mg/kg (19D male)   JEENAI 61,32,68
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:135 mg/kg   FMCHA2 -,C245,83
* orl-mus LD50:18 mg/kg   FMCHA2 -,C245,83
* ivn-mus LD50:18 mg/kg   CSLNX* NX#01649
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6870000 STANNANE, CHLOROTRIPROPYL-
UPDT:7901   CAS: 2279-76-7   MW: 283.44   MOLFM: C9-H21-Cl-Sn
SYN: CHLOROTRIPROPYLSTANNANE * TIN, TRIPROPYL-, CHLORIDE * TRI-n-PROPYLTIN CHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:4 mg/kg   CSLNX* NX#02220
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**

WH6870500 STANNANE, CHLORO(TRIVINYL)-
UPDT:7902   CAS: 10008-90-9   MW: 235.29   MOLFM: C6-H9-Cl-Sn
SYN: CHLORO(TRIVINYL)STANNANE * TRIVINYLTIN CHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:40 mg/kg   CSLNX* NX#05524
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1mg(Sn)/m3   NTIS**

WH6871000 STANNANE, CYANATOTRIBUTYL-
UPDT:7901   CAS: 4027-17-2   MW: 332.10   MOLFM: C13-H27-N-O-Sn
SYN: CYANATOTRIBUTYLSTANNANE * TIN, TRIBUTYL-, CYANATE * TRIBUTYLTIN CYANATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:6300 ug/kg   CSLNX* NX#02224
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**

WH6872000 STANNANE, CYANATOTRIMETHYL-
UPDT:7905   CAS: 73940-86-0   MW: 205.83   MOLFM: C4-H9-N-O-Sn
SYN: CYANIC ACID, TRIMETHYLSTANNYL ESTER * TRIMETHYLTIN CYANATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:5600 ug/kg   CSLNX* NX#06276
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**

WH6872500 STANNANE, (CYANOACETOXY)TRIPHENYL-
UPDT:7905   CAS: 73927-89-6   MW: 434.08   MOLFM: C21-H17-N-O2-Sn
SYN: ACETIC ACID, CYANO-, TRIPHENYLSTANNYL ESTER * TRIPHENYLTIN CYANOACETATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56200 ug/kg   CSLNX* NX#05971
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**

WH6873000 STANNANE, ((CYCLOHEXYLCARBONYL)OXY)TRIBUTYL-
UPDT:7901   CAS: 2669-35-4   MW: 417.26   MOLFM: C19-H38-O2-Sn
SYN: CYCLOHEXANECARBOXYLIC ACID, TRIBUTYLSTANNYL ESTER * ((CYCLOHEXYLCARBONYL)OXY)TRIBUTYLSTANNANE * TRIBUTYLTIN CYCLOHEXANECARBOXYLATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg   CSLNX* NX#04268
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**

WH6875000 STANNANE, CYCLOHEXYLHYDROXYOXO-
UPDT:8406   CAS: 22771-18-2   MW: 234.87   MOLFM: C6-H12-O2-Sn
SYN: MONOCYCLOHEXYLTIN ACID
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3600 mg/kg   GISAAA 48(3),55,83

WH6880000 STANNANE, DIACETOXYDIBUTYL-
UPDT:8412   CAS: 1067-33-0   MW: 351.05   MOLFM: C12-H24-O4-Sn
SYN: BA 2726 * BIS(ACETYLOXY)DIBUTYLSTANNANE * DIACETOXYBUTYLTIN * DIACETOXYDIBUTYLSTANNANE * DIACETOXYDIBUTYLTIN * DIBUTYL TIN DIACETATE * NCI-C02028 * T 1 (CATALYST) * TIN, DIBUTYL-, DIACETATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:32 mg/kg   NCILB* NCI-E-C-72-3252
orl-mus LD50:46 mg/kg   NCILB* NCI-E-C-72-3252
* ivn-mus LD50:18 mg/kg   CSLNX* NX#02348
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-183,79)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH6881000 STANNANE, DIALLYLDIBROMO-
UPDT:7901   CAS: 17381-88-3   MW: 360.67   MOLFM: C6-H10-Br2-Sn
SYN: DIALLYLDIBROMOSTANNANE * DIALLYLTIN DIBROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg   CSLNX* NX#03064
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**

WH6882000 STANNANE, DIBROMODIBUTYL-
UPDT:8104   CAS: 996-08-7   MW: 392.77   MOLFM: C8-H18-Br2-Sn
SYN: DIBROMODIBUTYLSTANNANE * DIBROMODIBUTYLTIN * DIBUTYL TIN DIBROMIDE * TIN, DIBUTYL-, DIBROMIDE
TOXICITY DATA AND REFERENCES:
orl-rbt LDLo:150 mg/kg   SAIGBL 15,3,73
skn-rbt LDLo:1000 mg/kg   SAIGBL 15,3,73
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**

WH6883000 STANNANE, DIBROMODIMETHYL-
UPDT:7901   CAS: 2767-47-7   MW: 308.59   MOLFM: C2-H6-Br2-Sn
SYN: DIMETHYLTIN DIBROMIDE * TIN, DIMETHYL-, DIBROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56200 ug/kg   CSLNX* NX#02289
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**

WH6883100 STANNANE, DIBROMODIPHENYL-
UPDT:7902   CAS: 4713-59-1   MW: 432.73   MOLFM: C12-H10-Br2-Sn
SYN: DIBROMODIPHENYLSTANNANE * DIPHENYLTIN DIBROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:71 mg/kg   CSLNX* NX#05803
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1mg(Sn)/m3   NTIS**

STANNANE, DIBUTYLBIS((2-ETHYLHEXANOYL)OXY)- see: WH6714500

WH7000000 STANNANE, DIBUTYLBIS(LAUROYLOXY)-
UPDT:8305   CAS: 77-58-7   MW: 631.65   MOLFM: C32-H64-O4-Sn
SYN: BIS(LAUROYLOXY)DI(n-BUTYL)STANNANE * BUTYNORATE * DBTL * DIBUTYLBIS(LAUROYLOXY)TIN * DIBUTYLTIN DILAURATE * DIBUTYLTIN LAURATE * DIBUTYL-ZINN-DILAURAT (German) * LAUDRAN DI-n-BUTYLCINICITY (Czech) * LAURIC ACID, DIBUTYLSTANNYLENE deriv * LAURIC ACID, DIBUTYLSTANNYLENE SALT * LAURIC ACID, DIBUTYLTIN deriv * STABILIZER D-22 * STANNANE, BIS(DODECANOYLOXY) DI-n-BUTYL- * STANNANE, BIS(LAUROYLOXY)DIBUTYL- * THERM CHEK 820 * TIN, DIBUTYLBIS(LAUROYLOXY)- * TIN DIBUTYL DILAURATE * TIN, DI-n-BUTYL-, DI(DODECANOATE) * TINOSTAT
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD   28ZPAK -,230,72
eye-rbt 100 mg/24H SEV   28ZPAK -,230,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:175 mg/kg   ARZNAD 10,44,60
ipr-rat LDLo:85 mg/kg   BJPCAL 10,16,55
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73; EQSFAP 4,80,75
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STANNANE, DIBUTYLBIS(OCTANOYLOXY)- see: WH6733100
STANNANE, DIBUTYLBIS(OLEOYLOXY)- see: WH6733300
STANNANE, DIBUTYLBIS((1-OXO-9-OCTADECENYL)OXY)-, (Z,Z)- see: WH6733300
STANNANE, DIBUTYLBIS((1-OXOOCTYL)OXY)- see: WH6733100
STANNANE, DIBUTYLBIS(TRIFLUOROACETOXY)- see: WH6734000

WH7070000 STANNANE, DIBUTYLDIBUTYRYLOXY-
UPDT:7901   CAS: 28660-63-1   MW: 407.17   MOLFM: C16-H32-O4-Sn
SYN: DI-n-BUTYL(DIBUTYRYLOXY)STANNANE * MASELNAN DI-n-BUTYLCINICITY (Czech) * TIN, DI-n-BUTYL-, DIBUTYRATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV   28ZPAK -,228,72
eye-rbt 20 mg/24H SEV   28ZPAK -,228,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:91 mg/kg   28ZPAK -,228,72
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH7100000 STANNANE, DIBUTYLDICHLORO-
UPDT:8306 CAS: 683-18-1 MW: 303.85 MOLFM: C8-H18-Cl2-Sn
SYN: CHLORID DI-n-BUTYLCINICITY (Czech) * D.B.T.C. * DIBUTYLDICHLOROSTANNANE * DIBUTYLDICHLOROTIN * DIBUTYLTIN CHLORIDE * DIBUTYLTIN DICHLORIDE * DI-n-BUTYLTIN DICHLORIDE * DI-n-BUTYL-ZINN-DICHLORID (German) * DICHLORODIBUTYLSTANNANE * DICHLORODIBUTYLTIN * TIN, DIBUTYL-, DICHLORIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV 28ZPAK -,226,72
eye-rbt 50 ug/24H SEV 28ZPAK -,226,72
MUTATION DATA AND REFERENCES:
msc-ham:ovr 100 ug/L TXAPA9 64,482,82
msc-ham:ovr 200 ug/L NTIS** LMF-84
TOXICITY DATA AND REFERENCES:
orl-rat LD50:100 mg/kg ARZNAD 10,44,60
ipr-rat LDLo:7500 ug/kg JOCMA7 2,183,60
ivn-rat LDLo:10 mg/kg BJIMAG 15,15,58
unk-rat LD50:126 mg/kg TIUSAD 107,1,76
* ivn-mus LD50:180 mg/kg CSLNX* NX#00182
orl-rbt LDLo:680 mg/kg SAIGBL 15,3,73
skn-rbt LDLo:1360 mg/kg SAIGBL 15,3,73
ivn-rbt LDLo:5 mg/kg BJIMAG 15,15,58
ivn-gpg LDLo:5 mg/kg BJIMAG 15,15,58
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH7125000 STANNANE, DIBUTYLDI(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)-
UPDT:7908 CAS: 10584-98-2 MW: 639.65 MOLFM: C28-H56-O4-S2-Sn
SYN: DI-n-BUTYLTIN DI-2-ETHYLHEXYLTHIOGLYCOLATE * DI-n-BUTYL ZINN DI-2-AETHYLHEXYL THIOGLYKOLAT (German) * STANNANE, BIS(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)DIBUTYL- * TIN, DIBUTYL-, BIS(2-ETHYLHEXYLTHIOGLYCOLATE)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:510 mg/kg ARZNAD 19,934,69
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH7125200 STANNANE, DIBUTYLDIFLUORO-
UPDT:8403 CAS: 563-25-7 MW: 270.95 MOLFM: C8-H18-F2-Sn
SYN: DIBUTYLDIFLUOROSTANNANE * DIBUTYLTIN DIFLUORIDE * TIN, DIBUTYL-, DIFLUORIDE
TOXICITY DATA AND REFERENCES:
orl-rbt LDLo:200 mg/kg SAIGBL 15,3,73
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH7125500 STANNANE, DIBUTYLDIFORMYLOXY-
UPDT:7909 CAS: 7392-96-3 MW: 322.99 MOLFM: C10-H20-O4-Sn
SYN: DIBUTYL(DIFORMYLOXY)STANNANE * MRAVENCAN DI-n-BUTYLCINICITY (Czech) * TIN, DI-n-BUTYL-, DIFORMATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV 28ZPAK -,227,72
eye-rbt 5 mg/24H SEV 28ZPAK -,227,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:61 mg/kg 28ZPAK -,227,72
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0 1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STANNANE, DIBUTYLDIHYDROXY-, 3,3'-THIODIPROPIONATE see: ~~JH4780000~~

WH7128000 STANNANE, DIBUTYLDIIODO-
UPDT:7901 CAS: 2865-19-2 MW: 486.75 MOLFM: C8-H18-I2-Sn
SYN: DIBUTYLDIIODOSTANNANE * DIBUTYLTIN DIIODIDE * TIN, DIBUTYL-, DIIODIDE
TOXICITY DATA AND REFERENCES:
orl-rbt LDLo:150 mg/kg SAIGBL 15,3,73
skn-rbt LDLo:1000 mg/kg SAIGBL 15,3,73
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH7133000 STANNANE, DIBUTYLDIPENTANOYLOXY-
UPDT:7901 CAS: 3465-74-5 MW: 435.23 MOLFM: C18-H36-O4-Sn
SYN: DI(PENTANOYLOXY)DIBUTYLSTANNANE * TIN, DI-n-BUTYL-, DIPENTANOATE * VALERAN DI-n-BUTYLCINICITY (Czech)
IRRITATION DATA AND REFERENCES:
skn-rbt 50 mg/24H SEV 28ZPAK -,228,72
eye-rbt 5 mg/24H SEV 28ZPAK -,228,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:134 mg/kg 28ZPAK -,228,72
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH7135000 STANNANE, DIBUTYLDIPROPIONYLOXY-
UPDT:7901 CAS: 3465-73-4 MW: 379.11 MOLFM: C14-H28-O4-Sn
SYN: PROPINAN DI-n-BUTYLCINICITY (Czech) * TIN, DI-n-BUTYL-, DIPROPIONATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV 28ZPAK -,228,72
eye-rbt 5 mg/24H SEV 28ZPAK -,228,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:71 mg/kg 28ZPAK -,228,72
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH7138000 STANNANE, ((DIBUTYLDITHIOCARBAMOYL)OXY)TRIBUTYL-
UPDT:7902 CAS: 67057-34-5 MW: 494.48 MOLFM: C21-H45-N-S2-Sn
SYN: CARBAMIC ACID, DIBUTYLDITHIO-, S-TRIBUTYLSTANNYL ESTER * DIBUTYLDITHIOCARBAMIC ACID S-TRIBUTYLSTANNYL ESTER * TRIBUTYLTIN S,S'-DIBUTYLDITHIOCARBAMATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#04817
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1mg(Sn)/m3 NTIS**

WH7145000 STANNANE, DIBUTYLMALOYLOXY-
UPDT:7901 CAS: 15535-69-0 MW: 365.03 MOLFM: C12-H22-O5-Sn
SYN: DIBUTYLMALOYLOXYSTANNANE * DIBUTYLTIN MALATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#03637
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH7175000 STANNANE, DIBUTYLOXO-
UPDT:8305 CAS: 818-08-6 MW: 248.95 MOLFM: C8-H18-O-Sn
SYN: DBOT * DIBUTYLOXIDE of TIN * DIBUTYLOXOSTANNANE * DIBUTYLOXOTIN * DIBUTYLSTANNANE OXIDE * DIBUTYLTIN OXIDE * DI-n-BUTYLTIN OXIDE * DI-n-BUTYL-ZINN-OXYD (German) * KYSLICNIK DI-n-BUTYLCINICITY (Czech) * TIN, DIBUTYLOXO- * TIN, DIBUTYL-, OXIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,226,72
eye-rbt 100 mg/24H SEV 28ZPAK -,226,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:487 mg/kg SchH## 02DEC82
3C08F01F07 ipr-rat LD50:40 mg/kg FCTXAV 7,47,69
orl-rbt LDLo:1500 mg/kg SAIGBL 15,3,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STANNANE, DIBUTYL(TETRACHLOROPHTHALATO)- see: DF4500000
STANNANE, DIBUTYL(THIOACETOXY)- see: RP4420000

WH7195000 STANNANE, DIBUTYLTHIOXO-
UPDT:8407 CAS: 4253-22-9 MW: 265.01 MOLFM: C8-H18-S-Sn
SYN: DIBUTYLTIN SULFIDE * TIN DIBUTYL MERCAPTIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:145 mg/kg UBZHD4 50,695,78
* orl-mus LD50:145 mg/kg UBZHD4 50,695,78
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0 1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH7200000 STANNANE, DICHLORODIETHYL-
UPDT:8104 CAS: 866-55-7 MW: 247.73 MOLFM: C4-H10-Cl2-Sn
SYN: DICHLORODIETHYLSTANNANE * DICHLORODIETHYLTIN * DIETHYLDICHLOROSTANNANE * DIETHYLSTANNYL DICHLORIDE * DIETHYLTIN CHLORIDE * DIETHYLTIN DICHLORIDE * TIN, DIETHYL-, DICHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:160 mg/kg BJIMAG 15,15,58
ivn-rat LD50:25 mg/kg JOCMA7 2,183,60
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH7210000 STANNANE, DICHLORODI(2-ETHYLHEXYL)-
UPDT:7901 CAS: 25430-97-1 MW: 416.09 MOLFM: C16-H34-Cl2-Sn
SYN: DI-2-ETHYLHEXYLTIN DICHLORIDE * TIN, DI(2-ETHYLHEXYL)-, DICHLORIDE
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:5 mg/kg JOCMA7 2,183,60
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH7220000 STANNANE, DICHLORODIHEXYL-
UPDT:7901 CAS: 2767-41-1 MW: 359.97 MOLFM: C12-H26-Cl2-Sn
SYN: DIHEXYLTIN DICHLORIDE * TIN, DIHEXYL-, DICHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:160 mg/kg BJIMAG 15,15,58
ivn-rat LDLo:10 mg/kg BJIMAG 15,15,58
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH7230000 STANNANE, DICHLORODIISONONYL-
UPDT:7901 CAS: 64011-39-8 MW: 444.15 MOLFM: C18-H38-Cl2-Sn
SYN: BIS(TRIMETHYLHEXYL)TIN DICHLORIDE * DIISONONYLTIN DICHLORIDE * TIN, DI(TRIMETHYLHEXYL)-, DICHLORIDE
TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:10 mg/kg BJIMAG 15,15,58
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH7240000 STANNANE, DICHLORODIISOPROPYL-
UPDT:7901 CAS: 38802-82-3 MW: 275.79 MOLFM: C6-H14-Cl2-Sn
SYN: DIISOPROPYLTIN DICHLORIDE * TIN, DIISOPROPYL-, DICHLORIDE
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:15 mg/kg JOCMA7 2,183,60
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH7245000 STANNANE, DICHLORODIMETHYL-
UPDT:8104 CAS: 753-73-1 MW: 219.67 MOLFM: C2-H6-Cl2-Sn
SYN: DICHLORODIMETHYLSTANNANE * DICHLORODIMETHYLTIN * DIMETHYLDICHLOROSTANNANE * DIMETHYLDICHLOROTIN * DIMETHYLTIN DICHLORIDE * TIN, DIMETHYL-, DICHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:160 mg/kg BJIMAG 15,15,58
ivn-rat LD50:40 mg/kg BJIMAG 15,15,58
unk-rat LD50:74 mg/kg TIUSAD 107,1,76
* ivn-mus LD50:56 mg/kg CSLNX* NX#02187
orl-rbt LDLo:50 mg/kg SAIGBL 15,3,73
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH7247000 STANNANE, DICHLORODIOCTYL-
UPDT:7908 CAS: 3542-36-7 MW: 416.09 MOLFM: C16-H34-Cl2-Sn
SYN: DICHLORODIOCTYLSTANNANE * DIOCTYLTIN DICHLORIDE * DI-n-OCTYLTINDICHLORIDE * DOTC * DI-n-OCTYL-ZINN DICHLORID (German) * STANNANE, DIOCTYLDICHLORO- * TIN, DIOCTYL-, DICHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5500 mg/kg ARZNAD 19,934,69
ivn-rat LD50:10 mg/kg BJIMAG 15,15,58
unk-rat LD50:7000 mg/kg TIUSAD 107,1,76
* ivn-mus LD50:18 mg/kg CSLNX* NX#02188
orl-rbt LDLo:250 mg/kg SAIGBL 15,3,73
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH7250000 STANNANE, DICHLORODIPENTYL-
UPDT:7901 CAS: 1118-42-9 MW: 331.91 MOLFM: C10-H22-Cl2-Sn
SYN: DIPENTYLTIN DICHLORIDE * TIN, DIPENTYL-, DICHLORIDE
TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:10 mg/kg BJIMAG 15,15,58
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH7253000 STANNANE, DICHLORODIPHENYL-
UPDT:7901 CAS: 1135-99-5 MW: 343.81 MOLFM: C12-H10-Cl2-Sn
SYN: DIPHENYLTIN DICHLORIDE * TIN, DIPHENYL-, DICHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:410 mg/kg BJIMAG 23,222,66
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH7254000 STANNANE, DICHLORODIPHENYL-, complex with PYRIDINE (1:2)
UPDT:7901 CAS: 25868-47-7 MW: 502.03 MOLFM: C22-H20-Cl2-N2-Sn
SYN: DIPHENYLDICHLORO TIN DIPYRIDINE complex
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:14 mg/kg CSLNX* NX#02208

REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH7255000 STANNANE, DICHLORODIPROPYL-
UPDT:8104 CAS: 867-36-7 MW: 275.79 MOLFM: C6-H14-Cl2-Sn
SYN: DICHLORODIPROPYLSTANNANE * DICHLORODIPROPYLTIN * DIPROPYLTIN CHLORIDE * DIPROPYLTIN DICHLORIDE * DI-n-PROPYLTIN DICHLORIDE * TIN, DIPROPYL-, DICHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:160 mg/kg BJIMAG 15,15,58
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH7260000 STANNANE, (2,4-DICHLOROPHENOXY)TRIBUTYL-
UPDT:7901 CAS: 39637-16-6 MW: 452.07 MOLFM: C18-H30-Cl2-O-Sn
SYN: (2,4-DICHLOROPHENOXY)TRIBUTYLSTANNANE * TRI-n-BUTYL-2,4-DICHLOROPHENOXYTIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#01883
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH7262000 STANNANE, DICYCLOHEXYLOXO-
UPDT:8406 CAS: 22771-17-1 MW: 301.03 MOLFM: C12-H22-O-Sn
SYN: DICYCLOHEXYLTIN OXIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:355 mg/kg GISAAA 48(3),55,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STANNANE, DIDODECANOYLOXYDIOCTYL- see: WH7562000

WH7268000 STANNANE, DIETHYLBIS(OCTANOYLOXY)-
UPDT:8407 CAS: 2641-56-7 MW: 463.29 MOLFM: C20-H40-O4-Sn
SYN: DIETHYLTIN DICAPRYLATE * DIETHYLTIN DIOCTANOATE * STANNANE, DIETHYLBIS(1-OXOOCTYL)OXY)-
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:330 mg/kg UBZHD4 50,695,78
* orl-mus LD50:330 mg/kg UBZHD4 50,695,78
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STANNANE, DIETHYLBIS(1-OXOOCTYL)OXY)- see: WH7268000

WH7270000 STANNANE, DIETHYLDIIODO-
UPDT:7901 CAS: 2767-55-7 MW: 430.63 MOLFM: C4-H10-I2-Sn
SYN: DIETHYLTIN DIIODIDE * TIN, DIETHYL-, DIIODIDE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg BJPCAL 10,16,55
ipr-rat LDLo:26 mg/kg BJPCAL 10,16,55
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH7285000 STANNANE, DIFLUORODIMETHYL-
UPDT:7901 CAS: 3582-17-0 MW: 186.77 MOLFM: C2-H6-F2-Sn
SYN: DIFLUORODIMETHYLSTANNANE * DIMETHYLTIN FLUORIDE * DIMETHYLTIN DIFLUORIDE * TIN, DIMETHYL-, FLUORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#00014
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH7310000 STANNANE, DIISOBUTYLOXO-
UPDT:7901 CAS: 61947-30-6 MW: 248.95 MOLFM: C8-H18-O-Sn
SYN: KYSLICNIK DIISOBUTYLCINICITY (Czech) * DIISOBUTYLTIN OXIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV 28ZPAK -,226,72
eye-rbt 20 mg/24H SEV 28ZPAK -,226,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:53 mg/kg 28ZPAK -,226,72
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH7350000 STANNANE, DIISOPENTYLOXO-
UPDT:7901 CAS: 63979-62-4 MW: 277.01 MOLFM: C10-H22-O-Sn
SYN: KYSLICNIK DIISOAMYLCINICITY (Czech) * DIISOPENTYLTIN OXIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV 28ZPAK -,227,72
eye-rbt 20 mg/24H SEV 28ZPAK -,227,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:65 mg/kg 28ZPAK -,227,72

REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH7400000 STANNANE, ((DIISOPROPROXYPHOSPHINOTHIOYL)THIO)TRICYCLOHEXYL-
UPDT:7901   CAS: 49538-98-9   MW: 581.49   MOLFM: C24-H47-O2-P-S2-Sn
SYN: ((DIISOPROPROXYPHOSPHINOTHIOYL)THIO)TRICYCLOHEXYL STANNANE * O,O-DIISOPROPYL S-TRICYCLOHEXYLTIN PHOSPHORODITHIOATE * R-28627
TOXICITY DATA AND REFERENCES:
orl-rat LD50:860 mg/kg   SPEADM 74-1,-,74
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**

WH7525000 STANNANE, DIISOPROPYLOXO-
UPDT:7901   CAS: 23668-76-0   MW: 220.89   MOLFM: C6-H14-O-Sn
SYN: KYSLICNIK DIISOPROPYLCINICITY (Czech) * DIISOPROPYLTIN OXIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV   28ZPAK -,225,72
eye-rbt 20 mg/24H SEV   28ZPAK -,225,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:58 mg/kg   28ZPAK -,225,72
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STANNANE, DIMETHYLBIS(PHENYLTHIO)- see: WH6733700
STANNANE, (4,4-DIMETHYLOCTANOYLOXY)TRIBUTYL- see: WH8588000

WH7526500 STANNANE, DIMETHYLOXO-
UPDT:7908   CAS: 2273-45-2   MW: 164.77   MOLFM: C2-H6-O-Sn
SYN: DIMETHYLOXOSTANNANE * DIMETHYLTIN OXIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg   CSLNX* NX#03809
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH7526700 STANNANE, DIMETHYL(2,3-QUINOXALINYLDITHIO)-
UPDT:7901   CAS: 73927-90-9   MW: 341.03   MOLFM: C10-H10-N2-S2-Sn
SYN: (2,3-QUINOXALINYLDITHIO)DIMETHYLTIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg   CSLNX* NX#01824
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**

WH7526800 STANNANE, ((DIMETHYLTHIOCARBAMOYL)THIO)TRIBUTYL-
UPDT:7901   CAS: 20369-63-5   MW: 410.30   MOLFM: C15-H33-N-S2-Sn
SYN: N,N-DIMETHYLDITHIOCARBAMIC ACID S-TRIBUTYLSTANNYL ESTER * TRIBUTYLTIN DIMETHYLDITHIOCARBAMATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg   CSLNX* NX#04269
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**

STANNANE, DIOCTYLBIS(LAUROYLOXY)- see: WH7562000
STANNANE, DIOCTYLBIS(MONOBUTOXYMALEOYLOXY)- see: WH6714000

WH7540000 STANNANE, DIOCTYLBIS(NONYLOXYMALEOYLOXY)-
UPDT:7901   CAS: 69239-37-8   MW: 827.87   MOLFM: C42-H76-O8-Sn
SYN: DI-n-BUTYLTIN DI(MONONONYL)MALEATE * DI-n-BUTYL-ZINN-DI(MONONONYL)MALEINAT (German) * STANNANE, BIS(NONYLOXYMALEOYLOXY)DIOCTYL-
TOXICITY DATA AND REFERENCES:
orl-rat LD50:170 mg/kg   ARZNAD 19,934,69
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STANNANE, DIOCTYLDICHLORO- see: WH7247000
STANNANE, DIOCTYLDIDODECANOYLOXY- see: WH7562000

WH7562000 STANNANE, DIOCTYLDI(LAUROYLOXY)-
UPDT:7908   CAS: 3648-18-8   MW: 743.89   MOLFM: C40-H80-O4-Sn
SYN: DI-n-OCTYLTIN DILAURATE * DIOCTYLTIN DILAURATE * DI-n-OCTYL-ZINN DILAURAT (German) * STANNANE, BIS(DODECANOYLOXY)DIOCTYL- * STANNANE, DIOCTYLBIS(LAUROYLOXY)- * STANNANE, BIS(LAUROYLOXY)DIOCTYL- * STANNANE, DIDODECANOYLOXYDIOCTYL- * STANNANE, DIOCTYLDIDODECANOYLOXY- * TIN, DIOCTYL-, DILAURATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6450 mg/kg   ARZNAD 19,934,69
ipr-rat LD50:95 mg/kg   ARZNAD 19,934,69
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH7570000 STANNANE, DIOCTYL(ETHYLENEDIOXYBIS(CARBONYLMETHYLTHIO))-
UPDT:8012   CAS: 69226-44-4   MW: 553.45   MOLFM: C22-H42-O4-S2-Sn
SYN: DI-n-OCTYLTIN ETHYLENEGLYCOL DITHIOGLYCOLATE * DI-n-OCTYL-ZINN AETHYLENGLYKOL-DITHIOGLYKOLAT (German)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2950 mg/kg   ARZNAD 19,934,69
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**

WH7620000 STANNANE, DIOCTYLOXO-
UPDT:8104   CAS: 870-08-6   MW: 361.19   MOLFM: C16-H34-O-Sn
SYN: DIOCTYLOXOSTANNANE * DIOCTYLTIN OXIDE * DI-n-OCTYLTIN OXIDE * DI-n-OCTYL-ZINN OXYD (German) * STANNANE, OXODIOCTYL- * TIN, DIOCTYL-, OXIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2500 mg/kg   ARZNAD 19,934,69
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH7640000 STANNANE, DIOCTYL(1,2-PROPYLENEDIOXYBIS(MALEOYLDIOXY))-
UPDT:7901   CAS: 69226-45-5   MW: 613.38   MOLFM: C27-H42-O8-Sn
SYN: DI-n-OCTYLTIN DI(1,2-PROPYLENEGLYCOLMALEATE) * DI-n-OCTYL-ZINN-DI-(1,2-PROPYLENGLYKOLMALEINAT) (German)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4775 mg/kg   ARZNAD 19,934,69
ipr-rat LD50:50 mg/kg   ARZNAD 19,934,69
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**

WH7660000 STANNANE, DIOCTYL(1,4-TETRAMETHYLENEDIOXYBIS(CARBONYLMETHYLTHIO))-
UPDT:7901   CAS: 69226-46-6   MW: 581.51   MOLFM: C24-H46-O4-S2-Sn
SYN: DI-n-OCTYLTIN 1,4-BUTANEDIOL-BIS-MERCAPTOACETATE * DI-n-OCTYL-ZINN-1,4-BUTANDIOL-BIS-MERCAPTOACETAT (German)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2950 mg/kg   ARZNAD 19,934,69
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**

STANNANE, DIOCTYLTHIOACETOXY- see: RP4440000

WH7690000 STANNANE, DIOCTYLTHIOXO-
UPDT:7908   CAS: 3572-47-2   MW: 377.25   MOLFM: C16-H34-S-Sn
SYN: DI-n-OCTYLTIN SULFIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg   CSLNX* NX#01771
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH7700000 STANNANE, DIPENTYLOXO-
UPDT:7901   CAS: 2273-46-3   MW: 277.01   MOLFM: C10-H22-O-Sn
SYN: KYSLICNIK DI-n-AMYLCINICITY (Czech) * DIPENTYLTIN OXIDE * TIN, DIPENTYL-, OXIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV   28ZPAK -,227,72
eye-rbt 100 mg/24H SEV   28ZPAK -,227,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:55 mg/kg   28ZPAK -,227,72
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH7875000 STANNANE, DIPHENYL-
UPDT:8104   CAS: 1011-95-6   MW: 274.93   MOLFM: C12-H12-Sn
SYN: DIPHENYLSTANNANE * DIPHENYLTIN * DIPHENYLTIN DIHYDRIDE * TIN, DIPHENYL-
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:15 mg/kg   BJIMAG 23,222,66
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3   DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)   FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3   NTIS**

STANNANE, DIPHENYLBIS(PHENYLTHIO)- see: WH6733800

WH8100000 STANNANE, DIPHENYLOXO-, polymer
UPDT:7901 CAS: 31671-16-6 MOLFM: (C12-H10-O-Sn)x
SYN: DIPHENYLTIN OXIDE polymer * STANNANE, OXODIPHENYL-, polymer
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#03497
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8225000 STANNANE, DIPROPYLOXO-
UPDT:7901 CAS: 7664-98-4 MW: 220.89 MOLFM: C6-H14-O-Sn
SYN: KYSLICNIK DI-n-PROPYLCINICITY (Czech) * DIPROPYLTIN OXIDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV 28ZPAK -,225,72
eye-rbt 100 mg/24H SEV 28ZPAK -,225,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:37 mg/kg 28ZPAK -,225,72
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH8240000 STANNANE, ESTERTRICHLORO-
UPDT:7901
SYN: TRICHLORO ESTERTIN
TOXICITY DATA AND REFERENCES:
unk-rat LD50:5500 mg/kg TIUSAD 107,1,76
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8255000 STANNANE, ((2-ETHYLHEXANOYL)OXY)TRIBUTYL
UPDT:7901 CAS: 5035-67-6 MW: 433.31 MOLFM: C20-H42-O2-Sn
SYN: TRIBUTYLTIN 2-ETHYLHEXANOATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#02794
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8260000 STANNANE, (ETHYLTHIO)TRIOCTYL-
UPDT:8004 MW: 519.57 MOLFM: C26-H56-S-Sn
SYN: (ETHYLTHIO)TRIOCTYLSTANNANE * TRIOCTYL(ETHYLTHIO)STANNANE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:2945 mg/kg RPTOAN 42,73,79
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8270000 STANNANE, ETHYLTRICHLORO-
UPDT:8104 CAS: 1066-57-5 MW: 254.11 MOLFM: C2-H5-Cl3-Sn
SYN: AETHYLZINNTRICHLORID (German) * ETHYLTIN TRICHLORIDE * ETHYLTRICHLOROSTANNANE * ETHYLTRICHLOROTIN * MONOETHYLTIN TRICHLORIDE * STANNANE, TRICHLOROETHYL- * TIN, ETHYL-, TRICHLORIDE * TRICHLOROETHYLSTANNANE * TRICHLOROETHYLTIN
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:200 mg/kg BJPCAL 10,16,55
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8272500 STANNANE, ETHYNYLENEBIS(CARBONYLOXY)BIS(TRIPHENYL-
UPDT:7905 CAS: 73940-87-1 MW: 812.08 MOLFM: C40-H30-O4-Sn2
SYN: BIS(TRIPHENYLTIN)ACETYLENEDICARBOXYLATE * ETHYNYLENEBIS(CARBONYLOXY)BIS(TRIPHENYLSTANNANE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#05963
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8275000 STANNANE, FLUOROTRIBUTYL-
UPDT:7908 CAS: 1983-10-4 MW: 309.08 MOLFM: C12-H27-F-Sn
SYN: FLUOROTRIBUTYLSTANNANE * TIN, TRIBUTYL-, FLUORIDE * TRIBUTYLSTANNANE FLUORIDE * TRIBUTYLTIN FLUORIDE
TOXICITY DATA AND REFERENCES:
orl-rbt LDLo:50 mg/kg SAIGBL 15,3,73
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH8276000 STANNANE, FLUOROTRIS(p-CHLOROPHENYL)-
UPDT:7906 CAS: 427-45-2 MW: 472.34 MOLFM: C18-H12-Cl3-F-Sn
SYN: TRIS(p-CHLOROPHENYL)TIN FLUORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg CSLNX* NX#05959
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8277000 STANNANE, FORMYLOXYTRIBENZYL-
UPDT:7901 CAS: 17977-68-3 MW: 451.16 MOLFM: C23-H24-O2-Sn
SYN: FORMYLOXYTRIBENZYLSTANNANE * MRAVENCAN TRIBENZYLCINICITY (Czech) * TIN, TRIBENZYL-, FORMATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,232,72
eye-rbt 100 mg/24H SEV 28ZPAK -,232,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:312 mg/kg 28ZPAK -,232,72
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH8278000 STANNANE, (GLYCOLOYLOXY)TRIBUTYL-
UPDT:7901 CAS: 5847-48-3 MW: 365.13 MOLFM: C14-H30-O3-Sn
SYN: (GLYCOLOYLOXY)TRIBUTYLSTANNANE * STANNANE, TRIBUTYL(GLYCOLOYLOXY)- * TRIBUTYL(GLYCOLOYLOXY)TIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#03601
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8280000 STANNANE, HEXAMETHYLDI-
UPDT:8104 CAS: 661-69-8 MW: 327.62 MOLFM: C6-H18-Sn2
SYN: DISTANNANE, HEXAMETHYL- (8CI,9CI) * HEXAMETHYLDISTANNANE * HEXAMETHYLDITIN * PENNSALT TD 5032 * TD-5032
TOXICITY DATA AND REFERENCES:
orl-rat LD50:25 mg/kg 28ZEAL 4,245,69
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH8310000 STANNANE, (HYDROXY)TRIBUTYL-
UPDT:8205 CAS: 1067-97-6 MW: 307.09 MOLFM: C12-H28-O-Sn
SYN: STANNANE, TRIBUTYLHYDROXY- * TIN, TRIBUTYL-, HYDROXIDE * TRIBUTYLTIN HYDROXIDE
TOXICITY DATA AND REFERENCES:
unk-mam LD50:500 mg/kg 30ZDA9 -,301,71
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8400000 STANNANE, HYDROXYTRIMETHYL-
UPDT:7901 CAS: 56-24-6 MW: 180.82 MOLFM: C3-H10-O-Sn
SYN: TRIMETHYL TIN HYDROXIDE * TIN, TRIMETHYL-, HYDROXIDE
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:1800 ug/kg JPETAB 28,367,26
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8575000 STANNANE, HYDROXYTRIPHENYL-
UPDT:8412 CAS: 76-87-9 MW: 367.03 MOLFM: C18-H16-O-Sn
SYN: DOWCO 186 * DU-TER * DU-TER W-50 * DUTER * ENT 28009 * FENOLOVO * FINTINE HYDROXYDE (French) * FINTIN HYDROXID (German) * FENTIN HYDROXIDE * FINTIN HYDROXYDE (Dutch) * FINTIN IDROSSIDO (Italian) * HAITIN * HYDROXYDE DE TRIPHENYL-ETAIN (French) * HYDROXYTRIPHENYLSTANNANE * HYDROXYTRIPHENYLTIN * IDROSSIDO DI STAGNO TRIFENILE (Italian) * NCI-C00260 * SUZU H * TIN, HYDROXYTRIPHENYL- * TPTH * TPTOH * TRIFENYL-TINHYDROXYDE (Dutch) * TRIPHENYLTIN HYDROXIDE * TRIPHENYLTIN OXIDE * TRIPHENYL-ZINNHYDROXID (German) * TUBOTIN * VANCIDE KS
IRRITATION DATA AND REFERENCES:
eye-rbt 10 mg CTOXAO 13,281,78
eye-gpg 100%/2S rns SEV TXAPA9 14,628,69
MUTATION DATA AND REFERENCES:
otr-rat:emb 19 ng/plate JJATDK 1,190,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:105 mg/kg (8-14D preg) CTOXAO 13,281,78
1T26 orl-rat TDLo:140 mg/kg (1-7D preg) CTOXAO 13,281,78
1T29 orl-rat TDLo:140 mg/kg (1-7D preg) TOANDB 3,281,79
1T25 orl-rat TDLo:105 mg/kg (8-14D preg) TOANDB 3,281,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:46 mg/kg NCILB* NCI-E-C-72-3252
ipr-rat LDLo:100 mg/kg NCNSA6 5,46,53
* orl-mus LD50:245 mg/kg FMCHA2 -,C246,83
ipr-mus LDLo:8500 ug/kg TXAPA9 23,288,72
unk-mam LD50:500 mg/kg 30ZDA9 -,302,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EQSFAP 4,80,75
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-139,78)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH8576000 STANNANE, (IODOACETOXY)TRIBUTYL-
UPDT:7901 CAS: 73927-91-0 MW: 475.02 MOLFM: C14-H29-I-O2-Sn
SYN: TIN, TRIBUTYL-, IODOACETATE * TRIBUTYLTIN IODOACETATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#03469
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8577000 STANNANE, (IODOACETOXY)TRIPROPYL-
UPDT:7901 CAS: 73927-92-1 MW: 432.93 MOLFM: C11-H23-I-O2-Sn
SYN: TRIPROPYLTIN IODOACETATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#03452
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8578000 STANNANE, (2-IODOBENZOYLOXY)TRIBUTYL-
UPDT:7901 CAS: 73927-93-2 MW: 537.09 MOLFM: C19-H31-I-O2-Sn
SYN: BENZOIC ACID, o-IODO-, TRIBUTYLSTANNYL ESTER * o-IODOBENZOIC ACID TRIBUTYLSTANNYL ESTER * TRIBUTYLTIN o-IODOBENZOATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#03747
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8578200 STANNANE, (4-IODOBENZOYLOXY)TRIBUTYL-
UPDT:7901 CAS: 73940-88-2 MW: 537.09 MOLFM: C19-H31-I-O2-Sn
SYN: BENZOIC ACID, p-IODO-, TRIBUTYLSTANNYL ESTER * p-IODOBENZOIC ACID TRIBUTYLSTANNYL ESTER * TRIBUTYLTIN p-IODOBENZOATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#03794
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8579000 STANNANE, (o-IODOBENZOYLOXY)TRIPROPYL-
UPDT:7901 CAS: 73927-94-3 MW: 495.00 MOLFM: C16-H25-I-O2-Sn
SYN: (o-IODOBENZOYLOXY)TRIPROPYLSTANNANE * TIN, TRIPROPYL-, o-IODOBENZOATE * TRIPROPYLTIN o-IODOBENZOATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg CSLNX* NX#03672
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8579200 STANNANE, (IODOPROPIONYLOXY)TRIBUTYL-
UPDT:7901 CAS: 73927-95-4 MW: 489.05 MOLFM: C15-H31-I-O2-Sn
SYN: TIN, TRIBUTYL-, 3-IODOPROPIONATE * TRIBUTYLTIN beta-IODOPROPIONATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#03470
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8580000 STANNANE, IODOTRIBUTYL-
UPDT:8205 CAS: 7342-47-4 MW: 416.98 MOLFM: C12-H27-I-Sn
SYN: IODOTRIBUTYLSTANNANE * STANNANE, TRIBUTYLIODO- * TIN, TRI-n-BUTYL-, IODIDE * TRI-n-BUTYL TIN IODIDE
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:1340 mg/m3 NDRC** NDCrc-132,Feb,42
orl-rbt LDLo:100 mg/kg SAIGBL 15,3,73
skn-rbt LDLo:200 mg/kg SAIGBL 15,3,73
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8581000 STANNANE, IODOTRIMETHYL-
UPDT:8104 CAS: 811-73-4 MW: 290.71 MOLFM: C3-H9-I-Sn
SYN: IODOTRIMETHYLSTANNANE * IODOTRIMETHYLTIN * TRIMETHYLSTANNYL IODINE * TRIMETHYLTIN IODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:4500 ug/kg CSLNX* NX#02982
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8582000 STANNANE, IODOTRIPHENYL-
UPDT:8104 CAS: 894-09-7 MW: 476.92 MOLFM: C18-H15-I-Sn
SYN: IODOTRIPHENYLSTANANE * IODOTRIPHENYLSTANNANE * TRIPHENYLTIN IODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#02203
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8583000 STANNANE, IODOTRIPROPYL-
UPDT:7901 CAS: 7342-45-2 MW: 374.89 MOLFM: C9-H21-I-Sn
SYN: IODOTRIPHENYLTIN * TIN, TRIPROPYL-, IODIDE * TRIPROPYLTIN IODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:4470 ug/kg CSLNX* NX#02335
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8583500 STANNANE, (ISOCYANATO)TRIBUTYL-
UPDT:8104 CAS: 681-99-2 MW: 332.10 MOLFM: C13-H27-N-O-Sn
SYN: STANNANE, TRIBUTYLISOCYANATO- * TIN, TRIBUTYL-, ISOTHIOCYANATE * TRIBUTYLISOCYANATOSTANNANE * TRIBUTYLSTANNYL ISOCYANATE * TRIBUTYLTIN ISOCYANATE * TRI-n-BUTYLTIN ISOCYANATE * TRIBUTYLTIN ISOTHIOCYANATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:6300 ug/kg CSLNX* NX#03473
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8583550 STANNANE, (ISOPROPYLSUCCINYLOXY)TRIBUTYL-
UPDT:7901 CAS: 53404-82-3 MW: 449.26 MOLFM: C19-H38-O4-Sn
SYN: SUCCINIC ACID, O-ISOPROPYL-O'-TRIBUTYLSTANNYL ESTER * TRIBUTYLTIN ISOPROPYLSUCCINATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#04264
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8583600 STANNANE, (ISOTHIOCYANATO)TRIMETHYL-
UPDT:7901 CAS: 15597-43-0 MW: 221.89 MOLFM: C4-H9-N-S-Sn
SYN: ISOTHIOCYANATOTRIMETHYLTIN * TIN, TRIMETHYL-, ISOTHIOCYANATE * TRIMETHYLTIN ISOTHIOCYANATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:3600 ug/kg CSLNX* NX#03472
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8583700 STANNANE, (ISOTHIOCYANATO)TRIPROPYL-
UPDT:7901 CAS: 31709-32-7 MW: 306.07 MOLFM: C10-H21-N-S-Sn
SYN: TIN, TRIPROPYL-, ISOTHIOCYANATE * TRIPROPYLTIN ISOTHIOCYANATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:5 mg/kg CSLNX* NX#03420
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8584000 STANNANE, (LAUROYLOXY)TRIBUTYL-
UPDT:7901 CAS: 3090-36-6 MW: 489.43 MOLFM: C24-H50-O2-Sn
SYN: (LAUROYLOXY)TRIBUTYLSTANNANE * TRIBUTYLTIN LAURATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:20 mg/kg CSLNX* NX#02760
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8585000 STANNANE, (LINOLEOYLOXY)TRIBUTYL-
UPDT:7901 CAS: 24124-25-2 MW: 569.57 MOLFM: C30-H58-O2-Sn
SYN: STANNANE, TRIBUTYL(LINOLEOYLOXY)- * TIN, TRIBUTYL-, LINOLEATE
TOXICITY DATA AND REFERENCES:
unk-rat LD50:1370 mg/kg TIUSAD 107,1,76
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8585250 STANNANE, ((METHYLENESUCCINYL)DIOXY)BIS(TRIBUTYL-
UPDT:7901 CAS: 25711-26-6 MW: 708.25 MOLFM: C29-H58-O4-Sn2
SYN: BIS(TRIBUTYLTIN) ITACONATE * METHYLENESUCCINYLOXYBIS(TRIBUTYLSTANNANE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#03635
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8585300 STANNANE, ((METHYLSULFONYL)OXY)TRIBUTYL-
UPDT:8205 CAS: 13302-06-2 MW: 385.18 MOLFM: C13-H30-O3-S-Sn
SYN: TIN, TRIBUTYL-, METHANESULFONATE * TRI-n-BUTYLTIN METHANESULFONATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:5620 ug/kg CSLNX* NX#02291

REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
☆ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8585400 STANNANE, ((METHYLSULFONYL)OXY)TRIPHENYL-
UPDT:7901 CAS: 13302-08-4 MW: 445.12 MOLFM: C19-H18-O3-S-Sn
SYN: TIN, TRIPHENYL-, METHANESULFONATE * TRIPHENYLTIN METHANESULFONATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56200 ug/kg CSLNX* NX#02305
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8585500 STANNANE, METHYLTRICHLORO-
UPDT:8405 CAS: 993-16-8 MW: 240.08 MOLFM: C-H3-Cl3-Sn
SYN: METHYLTIN TRICHLORIDE * METHYLTRICHLOROSTANNANE * METHYLTRICHLOROTIN * MONOMETHYLTIN TRICHLORIDE * STANANNE, TRICHLOROMETHYL- (8CI,9CI) * TIN, METHYL-, TRICHLORIDE * TRICHLOROMETHYLSTANNANE * TRICHLOROMETHYLTIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 orl-rat TDLo:211 mg/kg (14D pre-21D post) NTOTDY 4,539,82
TOXICITY DATA AND REFERENCES:
unk-rat LD50:1370 mg/kg TIUSAD 107,1,76
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH8586000 STANNANE, METHYLTRIS(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)-
UPDT:7908 CAS: 57583-34-3 MW: 743.78 MOLFM: C31-H60-O6-S3-Sn
SYN: METHYLTRIS(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)STANNANE * TIN, METHYL-, TRIS(ISOOCTYL THIOGLYCOLLATE)
TOXICITY DATA AND REFERENCES:
unk-rat LD50:920 mg/kg TIUSAD 107,1,76
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH8588000 STANNANE, (NEODECANOYLOXY)TRIBUTYL-
UPDT:7907 CAS: 28801-69-6 MW: 461.37 MOLFM: C22-H46-O2-Sn
SYN: HYDROXYTRIBUTYLSTANNANE 4,4-DIMETHYLOCTANOATE * OCTANOIC ACID, 4,4-DIMETHYL-, TRIBUTYLSTANNYL ESTER * STANNANE, (4,4-DIMETHYLOCTANOYLOXY)TRIBUTYL- * STANNANE, TRIBUTYL(NEODECANOYLOXY)- * TIN, TRIBUTYL-, NEODECANOATE * TRIBUTYLTIN NEODECANDATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#04263
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8588500 STANNANE, (p-NITROPHENOXY)TRIBUTYL-
UPDT:7903 CAS: 3644-32-4 MW: 428.19 MOLFM: C18-H31-N-O3-Sn
SYN: p-NITROPHENOXYTRIBUTYLTIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:10 mg/kg CSLNX* NX#05585
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8589000 STANNANE, (NONANOYLOXY)TRIBUTYL-
UPDT:7902 CAS: 4027-14-9 MW: 447.34 MOLFM: C21-H44-O2-Sn
SYN: NONANOIC ACID, TRIBUTYLSTANNYL ESTER * (NONANOYLOXY)TRIBUTYLSTANNANE * TRIBUTYLTIN NONANOATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg CSLNX* NX#04818
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1mg(Sn)/m3 NTIS**

WH8590000 STANNANE, OCTYLTRICHLORO-
UPDT:7908 CAS: 3091-25-6 MW: 338.29 MOLFM: C8-H17-Cl3-Sn
SYN: OCTYLTRICHLOROSTANNANE * MONO-n-OCTYLTIN TRICHLORIDE * MONO-n-OCTYL-ZINN-TRICHLORID (German) * STANNANE, TRICHLOROOCTYL- * TIN, OCTYL-, TRICHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4600 mg/kg ARZNAD 19,934,69
unk-rat LD50:3800 mg/kg TIUSAD 107,1,76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH8595000 STANNANE, OCTYLTRIS(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)-
UPDT:8011 CAS: 27107-89-7 MW: 841.99 MOLFM: C38-H74-O6-S3-Sn
SYN: OCTYLTRIS(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)STANNANE * TIN, OCTYL-, TRIS(ISOOCTYLTHIO GLYCOLLATE)
TOXICITY DATA AND REFERENCES:
unk-rat LD50:3400 mg/kg TIUSAD 107,1,76
3F15F17J25 orl-mus LD50:1500 mg/kg ATXKA8 26,196,70
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

STANNANE, OLEOYLOXYTRIBUTYL- see: WH8700000
STANNANE, OXODIOCTYL- see: WH7620000
STANNANE, OXODIPHENYL-, polymer see: WH8100000

WH8596200 STANNANE, (4-OXOVALERYLOXY)TRIPHENYL-
UPDT:7902 CAS: 23292-85-5 MW: 465.14 MOLFM: C23-H22-O3-Sn
SYN: LEVULINIC ACID, TRIPHENYLSTANNYL ESTER * (4-OXOVALERYLOXY)TRIPHENYLSTANNANE * TRIPHENYLTIN LEVULINATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#04820
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1mg(Sn)/m3 NTIS**

STANNANE, OXYBIS(DIBUTYL(2,4,5-TRICHLOROPHENOXY- see: JN8738000

WH8597000 STANNANE, PHENOXYTRIETHYL-
UPDT:7901 CAS: 1529-30-2 MW: 299.01 MOLFM: C12-H20-O-Sn
SYN: PHENOXYTRIETHYLSTANNANE * TRIETHYLTIN PHENOXIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:7100 ug/kg CSLNX* NX#02823
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8598000 STANNANE, (8-QUINOLINOLATO)TRIBUTYL-
UPDT:8011 MW: 434.24 MOLFM: C21-H33-N-O-Sn
SYN: TRIBUTYL(8-QUINOLINOLATO)TIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:8900 ug/kg CSLNX* NX#03564
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8599000 STANNANE, (2,3-QUINOXALINYLDITHIO)DIPHENYL-
UPDT:7901 CAS: 73927-96-5 MW: 465.17 MOLFM: C20-H14-N2-S2-Sn
SYN: (2,3-QUINOXALINYLDITHIO)DIPHENYLTIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg CSLNX* NX#01825
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8600000 STANNANE, SALICYLOYLOXYTRIBUTYL-
UPDT:7908 CAS: 4342-30-7 MW: 427.20 MOLFM: C19-H32-O3-Sn
SYN: STANNANE, TRIBUTYLSALICYLOYLOXY * TIN, TRIBUTYL-, SALICYLATE * TRIBUTYLTIN SALICYLATE * TRI-n-BUTYLTIN SALICYLATE * TRI-n-BUTYL-ZINN SALICYLAT (German)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:137 mg/kg ARZNAD 19,934,69
* ivn-mus LD50:8910 ug/kg CSLNX* NX#02333
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH8602000 STANNANE, (SEBACOYLDIOXY)BIS(TRIBUTYL-
UPDT:7901 CAS: 30099-72-0 MW: 780.42 MOLFM: C34-H70-O4-Sn2
SYN: BIS(TRIBUTYL(SEBACOYLDIOXY))TIN * SEBACOYLDIOXYBIS(TRIBUTYLSTANNANE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#03600
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8605000 STANNANE, TETRABUTYL-
UPDT:8311 CAS: 1461-25-2 MW: 347.21 MOLFM: C16-H36-Sn
SYN: TETRA-n-BUTYLCIN (Czech) * TETRABUTYLTIN * TIN, TETRABUTYL
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H MLD 28ZPAK -,233,72
TOXICITY DATA AND REFERENCES:
2C08F18 orl-mus LDLo:1389 mg/kg APFRAD 14,88,56
2C08F18 ipr-mus LDLo:174 mg/kg APFRAD 14,88,56
* ivn-mus LD50:56 mg/kg CSLNX* NX#02221
2C08F18 ims-mus LDLo:1389 mg/kg APFRAD 14,88,56
skn-rbt LDLo:2000 mg/kg SAIGBL 15,3,73
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (skin) (SCP-X) FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH8625000 STANNANE, TETRAETHYL-
UPDT:8402 CAS: 597-64-8 MW: 234.97 MOLFM: C8-H20-Sn
SYN: TETRAETHYLSTANNANE * TET * TETRAETHYL TIN * TIN, TETRAETHYL-
TOXICITY DATA AND REFERENCES:
orl-rat LD50:16 mg/kg HYSAAV 32,11,67
ivn-rat LDLo:25 mg/kg BJPCAL 10,16,55
ipr-mus LDLo:32 mg/kg CBCCT* 4,234,52
orl-rbt LD50:7 mg/kg HYSAAV 32,11,67
orl-gpg LD50:37 mg/kg HYSAAV 32,11,67
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH8626000 STANNANE, TETRAISOBUTYL-
UPDT:8311 CAS: 3531-43-9 MW: 347.21 MOLFM: C16-H36-Sn
SYN: TETRAISOBUTYLSTANNANE * TETRAISOBUTYLTIN
TOXICITY DATA AND REFERENCES:
2C08F18 orl-mus LDLo:347 mg/kg APFRAD 14,88,56
2C08F18 ipr-mus LDLo:87 mg/kg APFRAD 14,88,56
2C08F18 ivn-mus LDLo:17 mg/kg APFRAD 14,88,56
2C08F18 ims-mus LDLo:174 mg/kg APFRAD 14,88,56

WH8627000 STANNANE, TETRAISOPENTYL-
UPDT:8311 CAS: 26562-01-6 MW: 403.33 MOLFM: C20-H44-Sn
SYN: TETRAISOAMYLSTANNANE * TETRAISOPENTYLSTANNANE
TOXICITY DATA AND REFERENCES:
2C08F18 orl-mus LDLo:202 mg/kg APFRAD 14,88,56
2C08F18 ipr-mus LDLo:20 mg/kg APFRAD 14,88,56
2C08F18 ivn-mus LDLo:40 mg/kg APFRAD 14,88,56
2C08F18 ims-mus LDLo:403 mg/kg APFRAD 14,88,56

WH8628000 STANNANE, TETRAISOPROPYL-
UPDT:7901 CAS: 2949-42-0 MW: 291.09 MOLFM: C12-H28-Sn
SYN: TETRAISOPROPYLTIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#00226
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8629000 STANNANE, TETRAKIS(p-PHENOXYPHENYL)-
UPDT:8204 CAS: 6452-62-6 MW: 795.53 MOLFM: C48-H36-O4-Sn
SYN: TETRAKIS(p-PHENOXYPHENYL)TIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#01768
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8630000 STANNANE, TETRAMETHYL-
UPDT:8104 CAS: 594-27-4 MW: 178.85 MOLFM: C4-H12-Sn
SYN: TETRAMETHYLSTANNANE * TETRAMETHYL TIN * TIN, TETRAMETHYL-
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:2550 mg/m3 NDRC** NDCrc-132,Feb,42
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WH8635000 STANNANE, (2-(2,2,3,3-TETRAMETHYLBUTYLTHIO)ACETOXY)TRIBUTYL-
UPDT:7901 CAS: 73927-97-6 MW: 493.43 MOLFM: C22-H46-O2-S-Sn
SYN: (2-(2,2,3,3-TETRAMETHYLBUTYLTHIO)ACETOXY)TRIBUTYLSTANNANE * TIN, TRIBUTYL-, ISOOCTYLTHIOACETATE * TRIBUTYLTIN ISOOCTYLTHIOACETATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:178 mg/kg CSLNX* NX#02290
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8636000 STANNANE, TETRAPENTYL-
UPDT:8311 CAS: 3765-65-9 MW: 403.33 MOLFM: C20-H44-Sn
SYN: TETRAPENTYLSTANNANE * TETRAAMYLSTANNANE
TOXICITY DATA AND REFERENCES:
2C08F18 orl-mus LDLo:807 mg/kg APFRAD 14,88,56
2C08F18 ipr-mus LDLo:202 mg/kg APFRAD 14,88,56
2C08F18 ivn-mus LDLo:121 mg/kg APFRAD 14,88,56
2C08F18 ims-mus LDLo:1613 mg/kg APFRAD 14,88,56

WH8637000 STANNANE, THIOCYANATOTRIMETHYL-
UPDT:7901 CAS: 4638-25-9 MW: 221.89 MOLFM: C4-H9-N-S-Sn
SYN: THIOCYANIC ACID, TRIMETHYLSTANNYL ESTER * TRIMETHYLTIN THIOCYANATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1800 ug/kg CSLNX* NX#03079
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

STANNANE, THIOCYANATOTRIPHENYL- see: WH8900000

WH8637700 STANNANE, (1H-1,2,4-TRIAZOL-1-YL)TRICYCLOHEXYL-
UPDT:8309 MW: 436.27 MOLFM: C20-H35-N3-Sn
SYN: AZOCYCLOTIN * BAY BUE 1452 * PEROPAL * (1H-1,2,4-TRIAZOLYL)TRICYCLOHEXYLSTANNANE * 1-(TRICYCLOHEXYLSTANNYL)-1H-1,2,4-TRIAZOLE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:99 mg/kg FMCHA2 -,C182,83
* skn-rat LD50:1000 mg/kg FMCHA2 -,C182,83
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH8638000 STANNANE, (1H-1,2,4-TRIAZOL-1-YL)TRIPHENYL-
UPDT:7902 CAS: 974-29-8 MW: 418.09 MOLFM: C20-H17-N3-Sn
SYN: (1H-1,2,4-TRIAZOL-1-YL)TRIPHENYLSTANNANE * TRIPHENYL-1H-1,2,4-TRIAZOL-1-YLTIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#05668
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1mg(Sn)/m3 NTIS**

STANNANE, TRIBENZYLCHLORO- see: WH6800000
STANNANE, TRIBUTYL- (8CI,9CI) see: WH8675000
STANNANE, TRIBUTYLBROMO- see: WH6735000
STANNANE, TRIBUTYLCHLORO- see: WH6820000
STANNANE, TRIBUTYL((4-CHLOROBUTYRYL)OXO)- see: WH6797000
STANNANE, TRIBUTYL(GLYCOLOYLOXY)- see: WH8278000

WH8675000 STANNANE, TRI-n-BUTYL-, HYDRIDE
UPDT:8205 CAS: 688-73-3 MW: 291.09 MOLFM: C12-H28-Sn
SYN: STANNANE, TRIBUTYL- (8CI,9CI) * TIN, TRI-n-BUTYL-, HYDRIDE * TRIBUTYLSTANNANE * TRIBUTYLSTANNIC HYDRIDE * TRIBUTYLTIN * TRIBUTYLTIN HYDRIDE * TRI-n-BUTYLTIN HYDRIDE
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:1460 mg/m3 NDRC** NDCrc-132,Feb,42
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

STANNANE, TRIBUTYLHYDROXY- see: WH8310000
STANNANE, TRIBUTYLIODO- see: WH8580000
STANNANE, TRIBUTYLISOCYANATO- see: WH8583500
STANNANE, TRIBUTYL(LINOLEOYLOXY)- see: WH8585000

WH8692000 STANNANE, TRIBUTYL(METHACRYLOYLOXY)-
UPDT:8407 CAS: 2155-70-6 MW: 375.17 MOLFM: C16-H32-O2-Sn
SYN: STANNANE, TRIBUTYL((2-METHYL-1-OXO-2-PROPENYL)OXY)- (9CI) * TIN TRIBUTYLMETHACRYLATE * TRIBUTYL(METHACRYLOXY)STANNANE * TRIBUTYL(METHACRYLOYLOXY)STANNANE * TRIBUTYL((2-METHYL-1-OXO-2-PROPENYL)OXY)STANNANE * TRIBUTYLSTANNYL METHACRYLATE * TRIBUTYLTIN METHACRYLATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:160 mg/kg UBZHD4 50,695,78
* orl-mus LD50:160 mg/kg UBZHD4 50,695,78
ivn-mus LD50:18 mg/kg CSLNX* NX#02761
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STANNANE, TRIBUTYL((2-METHYL-1-OXO-2-PROPENYL)OXY)- (9CI) see: WH8692000
STANNANE, TRIBUTYL(NEODECANOYLOXY)- see: WH8588000

WH8700000 STANNANE, TRIBUTYL(OLEOYLOXY)-
UPDT:8309 CAS: 3090-35-5 MW: 571.59 MOLFM: C30-H60-O2-Sn
SYN: ENT 27,261 * 9-DECAOCTENOIC ACID, TRIBUTYLSTANNYL ESTER * N 5117 * STANNANE, OLEOYLOXYTRIBUTYL- * STANNANE, TRIBUTYL((1-OXO-9-OCTADECENYL)OXY)- * STAUFFER N-5117 * TIN, TRIBUTYL-, OLEATE * TRIBUTYL(OLEOYLOXY)TIN * (Z)-TRIBUTYL-((1-OXO-9-OCTADECENYL)OXY)STANNANE * TRI-n-BUTYLTIN OLEATE * TRI-n-BUTYL-ZINN OLEAT (German)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:195 mg/kg ARZNAD 19,934,69
* ivn-mus LD50:18 mg/kg CSLNX* NX#03810
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STANNANE, TRI-n-BUTYL-, OXIDE see: JN8750000
STANNANE, TRIBUTYL((1-OXO-9-OCTADECENYL)OXY)- see: WH8700000
STANNANE, TRIBUTYLSALICYLOYLOXY see: WH8600000

WH8707000 STANNANE, TRIBUTYL(2,4,5-TRICHLOROPHENOXY)-
UPDT:7901 CAS: 73927-98-7 MW: 486.51 MOLFM: C18-H29-Cl3-O-Sn
SYN: TRIBUTYL(2,4,5-TRICHLOROPHENOXY)TIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#03638
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8709000 STANNANE, TRIBUTYL(2-(2,4,5-TRICHLOROPHENOXY)-2-PROPIONYLOXY)-
UPDT:8012 CAS: 73940-89-3 MW: 558.58 MOLFM: C21-H33-Cl3-O3-Sn

---

TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

SYN: PROPIONIC ACID, 2-(2,4,5-TRICHLOROPHENOXY)-, TRIBUTYLSTANNYL ESTER * 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID TRIBUTYLSTANNYL ESTER * TRIBUTYLTIN alpha-(2,4,5-TRICHLOROPHENOXY)PROPIONATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#03748
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8710000 STANNANE, TRIBUTYL(UNDECANOYLOXY)-
UPDT:7901 CAS: 69226-47-7 MW: 475.40 MOLFM: C23-H48-O2-Sn
SYN: TIN, TRIBUTYL-, UNDECYLATE * TRI-n-BUTYLTIN UNDECYLATE * TRIBUTYLTIN UNDECYLENATE * TRI-n-BUTYL-ZINN UNDECYLAT (German) * UNDECANOIC ACID, TRIBUTYLSTANNYL ESTER
TOXICITY DATA AND REFERENCES:
orl-rat LD50:205 mg/kg ARZNAD 19,934,69
* ivn-mus LD50:56 mg/kg CSLNX* NX#04271
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,8U
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CPITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WH8715000 STANNANE, (TRICHLOROACETOXY)TRIPROPYL-
UPDT:7901 CAS: 73927-99-8 MW: 410.36 MOLFM: C11-H21-Cl3-O2-Sn
SYN: ACETIC ACID, TRICHLORO-, TRIPROPYLSTANNYL ESTER * TRICHLOROACETIC ACID TRIPROPYLSTANNYL ESTER * TRIPROPYLTIN TRICHLOROACETATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:5600 ug/kg CSLNX* NX#06281
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

STANNANE, TRICHLOROETHYL- see: WH8270000
STANANNE, TRICHLOROMETHYL- (8CI,9CI) see: WH8585500
STANNANE, TRICHLOROOCTYL- see: WH8590000

WH8750000 STANNANE, TRICYCLOHEXYLHYDROXY-
UPDT:8406 CAS: 13121-70-5 MW: 385.21 MOLFM: C18-H34-O-Sn
SYN: CYHEXATIN * DOWCO-213 * ENT 27395 * ENT 27,395-X * M 3180 * PLICTRAN * PLYCTRAN * TCTH * TIN, TRICYCLOHEXYLHYDROXY- * TRICYCLOHEXYLHYDROXYSTANNANE * TRICYCLOHEXYLHYDROXYTIN * TRICYCLOHEXYLSTANNANOL * TRICYCLOHEXYLTIN HYDROXIDE * TRICYCLOHEXYLZINNHYDROXID (German)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 orl-rat TDLo:108 mg/kg (MGN) EQSFAP 4,80,75
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:180 mg/kg KSKZAN 16(2),59,78
2A11C16 skn-rat LD50:1880 mg/kg GISAAA 47(7),80,82
ipr-rat LD50:13 mg/kg DOWCC*
2A11C16 orl-mus LD50:275 mg/kg GISAAA 47(7),80,82
* unk-mus LD50:780 mg/kg TGANAK 16(1),45,82
2A11C16 orl-rbt LD50:458 mg/kg GISAAA 47(7),80,82
2A11C16 skn-rbt LD50:2422 mg/kg GISAAA 47(7),80,82
orl-gpg LD50:780 mg/kg TRIPA7 -,1,73
orl-ckn LD50:654 mg/kg TRIPA7 -,1,73
orl-dom LDLo:150 mg/kg TXAPA9 31,66,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EQSFAP 4,80,75
★ TLV-TWA 5 mg/m3; STEL 10 mg/m3 DTLVS* 4,412,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STANNANE, TRIETHYLHYDROXY-, SULFATE (2:1) (8CI) see: XQ7175000

WH8810000 STANNANE, TRIETHYL(TRIFLUOROACETOXY)-
UPDT:7902 CAS: 429-30-1 MW: 318.92 MOLFM: C8-H15-F3-O2-Sn
SYN: ACETIC ACID, TRIFLUORO-, TRIETHYLSTANNYL ESTER * TRIETHYLTIN TRIFLUOROACETATE * TRIFLUOROACETIC ACID TRIETHYLSTANNYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:11200 ug/kg CSLNX* NX#05827
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1mg(Sn)/m3 NTIS**

WH8820000 STANNANE, TRIISOPROPYL(UNDECANOYLOXY)-
UPDT:7901 CAS: 73928-00-4 MW: 433.31 MOLFM: C20-H42-O2-Sn
SYN: TRIISOPROPYLTIN UNDECYLENATE * UNDECANOIC ACID, TRIISOPROPYLSTANNYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg CSLNX* NX#04267
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

STANNANE, TRIMETHYL-, SULPHATE see: XQ7225000

WH8880000 STANNANE, (2,4,6-TRIOXO-s-TRIAZINE-1,3,5(2H,4H,6H)-TRIYL)TRIS(TRIBUTYL-
UPDT:7901 CAS: 752-58-9 MW: 996.30 MOLFM: C39-H81-N3-O3-Sn3
SYN: (2,4,6-TRIOXO-s-TRIAZINETRIYLTRIS(TRIBUTYLSTANNANE) * 1,3,5-TRIS(TRIBUTYLTIN)-s-TRIAZINE-2,4,6-TRIONE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:5 mg/kg CSLNX* NX#03567
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

STANNANE, TRIPHENYL-, SULFATE (2:1) see: XQ7380000

WH8900000 STANNANE, TRIPHENYLTHIOCYANATO-
UPDT:7901 CAS: 7224-23-9 MW: 408.10 MOLFM: C19-H15-N-S-Sn
SYN: STANNANE, THIOCYANATOTRIPHENYL- * THIOCYANIC ACID, TRIPHENYLSTANNYL ESTER * TIN, TRIPHENYL-, THIOCYANATE * TRIPHENYL TIN THIOCYANATE
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:100 mg/kg NCNSA6 5,46,53
* ivn-mus LD50:56 mg/kg CSLNX* NX#04262
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

WH8905000 STANNATE(1-), PENTACHLORODI-, SODIUM
UPDT:8209 MW: 437.62 MOLFM: Cl5-Sn2 .Na
SYN: PENTACHLORODISTANNATE(1-) SODIUM SALT * SODIUM PENTACHLOROSTANNITE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:461 mg/kg (1-20D preg) JONUAI 101,525,71
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STANNIC BROMIDE see: XP8300000
STANNIC CHLORIDE see: XP8750000
STANNIC CHLORIDE, ANHYDROUS see: XP8750000
STANNIC CHLORIDE, ANHYDROUS (DOT) see: XP8750000
STANNIC CHLORIDE PENTAHYDRATE see: XP8870000
STANNIC CHLORIDE PENTAHYDRATE (DOT) see: XP8870000

WH9050000 STANNIC CITRIC ACID
UPDT:7901
TOXICITY DATA AND REFERENCES:
ivn-rbt LDLo:500 mg/kg JLCMAK 28,1344,43
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74

STANNIC DICHLORIDE DIIODIDE see: XP8910000
STANNIC IODIDE see: XQ3675000
STANNIC PHOSPHIDE (DOT) see: XQ4050000
STANNOCHLOR see: XP8700000
STANNOCHLOR see: XP8850000
STANNOPLUS see: TA2100000
STANNORAM see: TA2100000
STANNOUS CHLORIDE see: XP8700000
STANNOUS CHLORIDE DIHYDRATE see: XP8850000
STANNOUS CHLORIDE, SOLID (DOT) see: XP8700000

WH9500000 STANNOUS CITRIC ACID
UPDT:7901
TOXICITY DATA AND REFERENCES:
ivn-rbt LDLo:500 mg/kg JLCMAK 28,1344,43
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74

STANNOUS FLUORIDE see: XQ3450000
STANNOUS GLUCOHEPTONATE see: LZ5020000
STANNOUS IODIDE see: XQ3650000
STANNOUS OLEATE see: RG4106000
STANNOUS OXALATE see: XQ3950000
STANNOUS POTASSIUM TARTRATE see: XQ4100000
STANNPLOUS see: TA2100000
STANOLONE see: BV8052000
STANOMYCETIN see: AB6825000
STANOZIDE see: NS1750000
STANOZOLOL see: BV8065000
STANSIN see: WO9100000
STANZAMINE see: US3150000
STAPENOR see: XH9100000
STAPHCILLIN A BANYU see: XH8925000
STAPHCILLIN V see: XH9100000
STAPHOBRISTOL-250 see: XH8920000
STAPHYBIOTIC see: XH8920000
STAPHYLEX see: XH8670000
STAPHYLOCOCCAL ANATOXIN see: BV6595000

WI0195700 STAPHYLOCOCCAL PHAGE LYSATE
UPDT:8412
SYN: SPL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-rat TDLo:168 gm/kg (9W male/2W pre-7D preg) OYYAA2 20,487,80
1T86 scu-rat TDLo:220 mg/kg (6-16D preg) OYYAA2 20,575,80
1T13 scu-rbt TDLo:7800 mg/kg (78D pre) OYYAA2 20,473,80
1T03 scu-rbt TDLo:234 gm/kg (78W male) OYYAA2 20,609,80
1T02 scu-rbt TDLo:23400 mg/kg (78W male) OYYAA2 20,609,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STAPHYLOCOCCUS AUREUS ENTEROTOXIN F see: KA8083000
STAPHYLOMYCIN see: ZA4870000
STAPHYLOMYCINE see: ZA4870000
STAR see: MA8050000
STARAMIC 747 see: GM5090000
STAR ANISE OIL see: BZ4200000
STARCH see: GM5090000
alpha-STARCH see: GM5090000
STARCH, CORN see: GM5090000
STARCH HYDROXYETHYL ETHER see: WI0410000

WI0410000 STARCH, 2-HYDROXYETHYL ETHER
UPDT:8412 CAS: 9005-27-0
SYN: ESSEX 1360 * ESSEX GUM 1360 * ETHYLEX GUM 2020 * HAS (German) * HES * HESPANDER * HESPANDER INJECTION * HYDROXYATHYLSTARKE (German) * HYDROXYETHYL STARCH * O-(HYDROXYETHYL)STARCH * 2-HYDROXYETHYL STARCH * O-(2-HYDROXYETHYL)STARCH * 2-HYDROXYETHYL STARCH ETHER * PENFORD 260 * PENFORD 280 * PENFORD 290 * PENFORD P 208 * PLASMASTERIL * STARCH HYDROXYETHYL ETHER * TAPIOCA STARCH HYDROXYETHYL ETHER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T27 ipr-rat TDLo:300 gm/kg (16-21D preg) ANATAE 24,244,75

2T31T46 ivn-mus TDLo:675 gm/kg (8-16D preg) OYYAA2 6,1119,72
1T81 ivn-mus TDLo:420 gm/kg (7-13D preg) OYYAA2 6,1119,72

TOXICITY DATA AND REFERENCES:
1F17 ivn-rat LD50:11800 mg/kg OYYAA2 6,1023,72
1F17 ivn-mus LD50:20300 mg/kg OYYAA2 6,1023,72
1F17 ivn-rbt LD50:24100 mg/kg OYYAA2 6,1023,72

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STAR DUST see: YM2800000
STA-RX 1500 see: GM5090000
STARFOL BS-100 see: WI2900000
STARFOL GMS 450 see: RG1925000
STARFOL GMS 600 see: RG1925000
STARFOL GMS 900 see: RG1925000
STARFOL IPP see: RT4900000
STARIFEN see: CQ6825000
STARILETTAE see: CQ6825000
STARSOL No. 1 see: CE5945000
ST52-ASTA see: WJ5680000
STATEX N 550 see: FF5800000
STATHION see: TF4550000
STATUBEX see: QE2450000
STATOMIN see: UT0875000
STATOMIN MALEATE see: UT1225000
STAUFFER 4644 see: AM5978400
STAUFFER ASP-51 see: XN4550000
STAUFFER B-5725 see: TE4450000
STAUFFER B-8760 see: TA9070000
STAUFFER B-8778 see: TA9050000
STAUFFER B-9381 see: TB4980000
STAUFFER B-9395 see: TF2500000
STAUFFER B-10094 see: TB1750000
STAUFFER B-10117 see: TA4200000
STAUFFER B-10288 see: TB5050000
STAUFFER B-10423 see: TF3550000
STAUFFER B-11110 see: TA9030000
STAUFFER B-11113 see: KA5540000
STAUFFER B-11157 see: KA5542000
STAUFFER B-11163 see: TF7180000
STAUFFER CAPTAN see: GW5075000
STAUFFER MV242 see: OW6650000
STAUFFER MV-119A see: QL0700000
STAUFFER N 521 see: XI2800000
STAUFFER N-2310 see: TB0275000
STAUFFER N-2404 see: TB0273000
STAUFFER N-2596 see: TA5425000
STAUFFER N-2599 see: TB0280000
STAUFFER N-2788 see: TA6125000
STAUFFER N-2789 see: TA6120000
STAUFFER N 2790 see: TA5950000
STAUFFER N-2860 see: TA5620000
STAUFFER N-3049 see: TB0700000
STAUFFER N-3051 see: TA5250000
STAUFFER N-3054 see: TB0400000
STAUFFER N-3727 see: TA7830000
STAUFFER N-3734 see: TA7200000
STAUFFER N-3735 see: TA7210000
STAUFFER N-3736 see: TB1060000
STAUFFER N-3794 see: TA6700000
STAUFFER N-4328 see: TA6825000
STAUFFER N-4330 see: TA5300000
STAUFFER N-4372 see: TZ7750000
STAUFFER N-4446 see: TA5650000
STAUFFER N-4548 see: TA7480000
STAUFFER N-4988 see: TA5670000
STAUFFER N-5117 see: WH8700000
STAUFFER N-5196 see: TA5680000
STAUFFER R-1,303 see: TD5250000
STAUFFER R-1492 see: TD5425000
STAUFFER R 1504 see: TE2275000
STAUFFER R-1571 see: TF6500000
STAUFFER R-1910 see: EZ7525000
STAUFFER R-2061 see: EZ0400000
STAUFFER R-4,572 see: CM2625000
STAUFFER R-5467 see: UW5850000
STAUFFER R-5478 see: UV9350000
STAUFFER R-5762 see: TE3250000
STAUFFER R-5763 see: TE3200000
STAUFFER R-5979 see: FB3950000
STAUFFER R-6486 see: KA5512500
STAUFFER R-6790 see: FA9500000
STAUFFER R-7127 see: KA5512700
STAUFFER R-7239 see: TD8500000
STAUFFER R-7240 see: TE2300000
STAUFFER R-8033 see: TE4420000
STAUFFER R-8963 see: TE0220000
STAUFFER R-10032 see: KA5953200
STAUFFER R-10043 see: PB0470000
STAUFFER R-10414 see: TA5690000
STAUFFER R-10632 see: FC2700000
STAUFFER R-10665 see: FG0470000
STAUFFER R-10669 see: FF8970000
STAUFFER R-11114 see: FG2150000
STAUFFER R-11163 see: FB4570000
STAUFFER R-11259 see: FG2190000
STAUFFER R-11260 see: FG2180000
STAUFFER R 11261 see: FG2200000
STAUFFER R-11782 see: FC2750000
STAUFFER R-11898 see: TF6350000
STAUFFER R-1571-A see: TF6500000
STAUFFER R-5722-A see: TE4170000
STAUFFER R-5723-A see: TE4100000
STAUFFER R-5724-A see: TE4050000
STAUFFER R-5725-A see: TE4450000
STAUFFER R-5092-B see: TE4600000
STAUFFER R-3442-S see: FA3325000
STAUROSPORIN see: KD5084000
STAUROSPORINE see: KD5084000
STAVELAN CINATY (Czech) see: XQ3950000
STAVINOR ZN-E see: ZH5200000
STAVOX see: GO7875000
STAY-FLO see: WB0350000
STAYPRO WS 7 see: DH2202000
STAZEPIN see: HN8225000 5H-DIBENZ(b,f)AZEPINE-5-CARBOXAMIDE
STB see: ED2975000
STCA see: AJ9100000
ST 1396 CLORHIDRATO (Spanish) see: YR6560000
STEARALKONIUM CHLORIDE see: BO7000000
STEARAMIDE see: RG0182000
STEARANABOL see: BV8380900 ANDROST-4-EN-3-ONE, 4-CHLORO-17-beta-HYDROXY-, ACETATE
STEAREX BEADS see: WI2800000

WI2800000 STEARIC ACID
UPDT:8403 CAS: 57-11-4 MW: 284.54 MOLFM: C18-H36-O2
SYN: CENTURY 1240 * DAR-CHEM 14 * EMERSOL 120 * EMERSOL 132 * EMERSOL 150 * FORMULA 300 * GLYCON DP * GLYCON S-70 * GLYCON S-80 * GLYCON S-90 * GLYCON TP * GROCO 54 * GROCO 55 * GROCO 55L * GROCO 58 * GROCO 59 * HYDROFOL ACID 1655 * HYDROFOL ACID 1855 * HYDROFOL 1895 * 1-HEPTADECANECARBOXYLIC ACID * HY-PHI 1199 * HY-PHI 1205 * HY-PHI 1303 * HY-PHI 1401 * HYSTRENE 80 * HYSTRENE 4516 * HYSTRENE 5016 * HYSTRENE 7018 * HYSTRENE 9718 * INDUSTRENE 5016 * INDUSTRENE 8718 * INDUSTRENE 9018 * KAM 1000 * KAM 2000 * KAM 3000 * NEO-FAT 18 * NEO-FAT 18-5 * NEO-FAT 18-53 * NEO-FAT 18-54 * NEO-FAT 18-55 * NEO-FAT 18-59 * NEO-FAT 18-61 * OCTADECANOIC ACID * PEARL STEARIC * STEAREX BEADS * STEAROPHANIC ACID * TEGOSTEARIC 254 * TEGOSTEARIC 255 * TEGOSTEARIC 272

IRRITATION DATA AND REFERENCES:
skn-hmn 75 mg/3D-I MLD 85DKA8 -,127,77
skn-rbt 500 mg/24H MOD FCTXAV 17,383,79

TUMORIGENIC DATA AND REFERENCES:
2V03M60 imp-mus TDLo:400 mg/kg BJCAAI 17,127,63

TOXICITY DATA AND REFERENCES:
2F12J30 ivn-rat LD50:21500 ug/kg FCTXAV 17,383,79
2F12J30 ivn-mus LD50:23 mg/kg FCTXAV 17,383,79

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 21,100,60

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WI2830000 STEARIC ACID, BARIUM CADMIUM SALT (4:1:1)
UPDT:8303 CAS: 1191-79-3 MW: 1387.90 MOLFM: C72-H144-O8.Ba.Cd
SYN: BARIUM CADMIUM STEARATE * CADMIUM BARIUM STEARATE * OCTADECANOIC ACID, BARIUM CADMIUM SALT (4:1:1) (9CI)

TOXICITY DATA AND REFERENCES:
• orl-rat LD50:3171 mg/kg GISAAA 35(2),98,70
• orl-mus LD50:1980 mg/kg GISAAA 35(2),98,70

REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3 DTLVS* 4,59,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WI2900000 STEARIC ACID, BUTYL ESTER
UPDT:8403 CAS: 123-95-5 MW: 340.66 MOLFM: C22-H44-O2
SYN: APEX 4 * BS * BUTYL OCTADECANOATE * n-BUTYL OCTADECANOATE * BUTYL STEARATE * n-BUTYL STEARATE * EMEREST 2325 * GROCO 5810 * KESSCO BSC * KESSCOFLEX BS * POLYCIZER 332 * OCTADECANOIC ACID, BUTYL ESTER (9CI) * RC PLASTICIZER B-17 * STARFOL BS-100 * TEGESTER BUTYL STEARATE * UNIFLEX BYS * WICKENOL 122 * WITCIZER 200 * WITCIZER 201

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 orl-rat TDLo:418 gm/kg (10W male/10D pre) AMIHBC 7,310,53

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STEARIC ACID, CADMIUM SALT see: RG1050000

WI3325000 STEARIC ACID, 9,10-EPOXY-, ALLYL ESTER
UPDT:8305 CAS: 123-36-4 MW: 338.59 MOLFM: C21-H38-O3
SYN: ALLYL-9,10-EPOXYSTEARATE * EP-145 * 9,10-EPOXYSTEARIC ACID, ALLYL ESTER

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 3/5/59

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1198 mg/kg UCDS** 2,5,59
1R10 skn-rbt LD50:15900 mg/kg AIHAAP 23,95,62

WI3500000 STEARIC ACID, 2,3-EPOXYPROPYL ESTER
UPDT:8401 CAS: 7460-84-6 MW: 340.61 MOLFM: C21-H40-O3
SYN: 2,3-EPOXY-1-PROPANOL STEARATE * 2,3-EPOXYPROPYL ESTER of STEARIC ACID * 2,3-EPOXYPROPYL STEARATE * GLYCIDOL STEARATE * GLYCIDYL OCTADECANOATE * GLYCIDYL STEARATE * OXIRANYLMETHYL ESTER of OCTADECANOIC ACID * STEARIC ACID, GLYCIDYL ESTER

MUTATION DATA AND REFERENCES:
cyt-rat-ipr 5 mg/kg BJPCAL 6,235,51

TUMORIGENIC DATA AND REFERENCES:
2V03V16 scu-rat TDLo:2500 mg/kg/5W-I ANYAA9 68,750,58
3V03J60V10 scu-mus TDLo:52 mg/kg/26W-I CNREA8 30,1037,70
2V03V10 scu-mus TD :52 mg/kg/26W-I CNREA8 32,880,72

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 11,187,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WI3600000 STEARIC ACID, ETHYL ESTER
UPDT:8305 CAS: 111-61-5 MW: 312.60 MOLFM: C20-H40-O2
SYN: ETHYL OCTADECANOATE * ETHYL n-OCTADECANOATE * ETHYL STEARATE

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,781,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

STEARIC ACID, GLYCIDYL ESTER see: WI3500000

WI3850000 STEARIC ACID, 12-HYDROXY-
UPDT:8405 CAS: 106-14-9 MW: 300.54 MOLFM: C18-H36-O3
SYN: 12-HYDROXYSTEARIC ACID

MUTATION DATA AND REFERENCES:
mmo-esc 700 umol/L MUREAV 122,87,83

TUMORIGENIC DATA AND REFERENCES:
3V02J60V10 scu-mus TDLo:160 mg/kg/40W-I CNREA8 30,1037,70

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WI4025000 STEARIC ACID, 2-(2-HYDROXYETHOXY)ETHYL ESTER
UPDT:8305 CAS: 106-11-6 MW: 372.66 MOLFM: C22-H44-O4

SYN: AQUA CERA * ATLAS G 2146 * CERASYNT * CERASYNT SPECIAL * CLINDROL SDG * DIETHYLENE GLYCOL MONOSTEARATE * DIETHYLENE GLYCOL STEARATE * DIETHYLENE GLYCOL, monoester with STEARIC ACID * DIGLYCOL MONOSTEARATE * DIGLYCOL STEARATE * EMCOL DS-50 CAD * EMCOL ETS * GLYCO STEARIN * NONEX 411 * PROMUL 5080 * USAF KE-8

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:200 mg/kg NTIS** AD277-689

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

WI4100000 STEARIC ACID, 2-HYDROXYETHYL ESTER

UPDT:8403 CAS: 111-60-4 MW: 328.60 MOLFM: C20-H40-O3

SYN: CLINDROL SEG * EMEREST 2350 * EMPILAN 2848 * ETHYLENE GLYCOL MONOSTEARATE * ETHYLENE GLYCOL STEARATE * GLYCOL MONOSTEARATE * GLYCOL STEARATE * IVORIT * LIPO EGMS * MONTHYBASE * MONTHYLE * PARASTARIN * PRODHYBAS N * PRODHYBASE ETHYL * S 151 * SEDETOL * STEARIC ACID, MONOESTER with ETHYLENE GLYCOL * TEGO-STEARATE * USAF KE-11

IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MLD JACTDZ 1,1,82

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:200 mg/kg NTIS** AD277-689

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

WI4200000 STEARIC ACID, 12-HYDROXY-, METHYL ESTER

UPDT:8403 CAS: 141-23-1 MW: 314.57 MOLFM: C19-H38-O3

SYN: CENWAX ME * 12-HYDROXYSTEARIC ACID, METHYL ESTER * METHYL 12-HYDROXYSTEARATE

TUMORIGENIC DATA AND REFERENCES:

3V03J60V10 scu-mus TDLo:1600 mg/kg/40W-I CNREA8 30,1037,70

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WI4300000 STEARIC ACID, LEAD SALT

UPDT:8308 CAS: 7428-48-0 MW: 774.25 MOLFM: C36-H70-O4 Pb

SYN: BLEISTEARAT (German) * HAL-LUB-N * LEAD STEARATE * LEAD STEARATE (DOT) * NA 2811 (DOT)

TOXICITY DATA AND REFERENCES:

orl-gpg LDLo:6000 mg/kg AHBAAM 125,273,41

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 NTIS**

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

WI4460000 STEARIC ACID, METHYL ESTER

UPDT:8401 CAS: 112-61-8 MW: 298.57 MOLFM: C19-H38-O2

SYN: EMERY 2218 * KEMESTER 9018 * METHOLENE 2218 * METHYL OCTADECANOATE * METHYL STEARATE * OCTADECANOIC ACID, METHYL ESTER

TUMORIGENIC DATA AND REFERENCES:

2V03V10 scu-mus TDLo:5200 mg/kg/26W-I CNREA8 32,880,72

3V03J60V10 scu-mus TD :5200 mg/kg/26W-I CNREA8 30,1037,70

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STEARIC ACID, MONOESTER with ETHYLENE GLYCOL see: WI4100000

STEARIC ACID, MONOESTER with GLYCEROL see: RG1925000

WI4550000 STEARIC ACID, MONOESTER with 1,2-PROPANEDIOL

UPDT:8411 CAS: 1323-39-3 MW: 342.63 MOLFM: C21-H42-O3

SYN: ATLAS G 924 * CERASYNT PA * CERASYNT PN * CRILL 26 * DRAGIL-P * EMCOL PS-50 RHP * EMEREST 2381 * MONOSTEOL * MONOSTEOL TG * NOCA * NONEX 32 * 1,2-PROPANEDIOL, MONOSTEARATE * PROPYLENE GLYCOL MONOSTEARATE * PROSTEARIN * TEGIN P * OCTADECANOIC ACID, MONOESTER with 1,2-PROPANEDIOL * USAF KE-13

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:200 mg/kg NTIS** AD277-689

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: JACTDZ 2(5),101,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

WI4570000 STEARIC ACID, 4-OXO-

UPDT:8401 CAS: 16694-30-7 MW: 298.52 MOLFM: C18-H34-O3

SYN: 4-KETOSTEARIC ACID

TUMORIGENIC DATA AND REFERENCES:

2V03V10 scu-mus TDLo:2000 mg/kg/25W-I CNREA8 30,1037,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WI4725000 STEARIC ACID, SODIUM SALT

UPDT:8305 CAS: 822-16-2 MW: 307.53 MOLFM: C18-H36-O2 Na

SYN: BONDERLUBE 235 * FLEXICHEM B * OCTADECANOIC ACID, SODIUM SALT (9CI) * PRODHYGINE * SODIUM OCTADECANOATE * SODIUM STEARATE

TOXICITY DATA AND REFERENCES:

* unk-mus LDLo:400 mg/kg ATMPA2 32,177,38

3G04G06G10 ivn-dog LDLo:10 mg/kg FCTXAV 17,357,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

STEARIC ACID, ZINC SALT see: ZH5200000

STEARIC MONOGLYCERIDE see: RG1925000

STEARIX BROWN 4R see: BY8225000

STEARIX ORANGE see: QL4900000

STEARIX RED 4B see: QL5775000

STEARIX RED 4S see: QL5775000

STEARIX SCARLET see: QK4250000

STEAROL see: RG2010000

gamma-STEAROLACTONE see: LU3850000

STEAROPHANIC ACID see: WI2800000

1-STEAROYLAZIRIDINE see: CM8850000

STEAROYL ETHYLENEIMINE see: CM8850000

STEAR YELLOW JB see: BX7350000

STEARYL ALCOHOL see: RG2010000

WI6475000 STEARYL ALCOHOL CONDENSED WITH 20 MOLES ETHYLENE OXIDE

UPDT:8401 CAS: 9005-00-9 MOLFM: (C2-H4-O)n-C18-H38-O

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1920 mg/kg SPCOAH 38,47,65

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

STEARYLDIMETHYLBENZYLAMMONIUM CHLORIDE see: BO7000000

STEAWHITE see: WW2710000

STEBAC see: BO7000000

STECKER ASC-4 see: VN8925000

STECLIN see: QI8750000

STECLIN see: QI9100000

STECLIN HYDROCHLORIDE see: QI9100000

STEDBAC see: BO7000000

STEDIRIL see: JF8300000

STEDIRIL D see: JF8300000

STEE:PM see: TQ9800000

STEGANACIN see: DF8079500

STEGANANGIN see: EM9253400

STEGANOL see: DF8079800

STEGANONE see: DF8079000

STEINAMID DL 203 S see: JR1925000

STEINAPOL TLS 40 see: WT1000000

STEINBUHL YELLOW see: CQ8760000

STEINBUHL YELLOW see: GB2800000

STELADONE see: TB8750000

STELAZINE see: SP1500000

STELAZINE see: SP1750000

STELAZINE DIHYDROCHLORIDE see: SP1750000

STELAZINE and MELLARIL see: SP2200000

STELAZINE and THIORIDAZINE see: SP2200000

STELLACARDIOL see: XF8225000

STELLACYL see: AM4375000

STELLAMINE see: QS4375000

WI7986800 STELLARIA MEDIA (L.) Vill., extract

DEF:Indian plant belonging to the family CARYOPHYLLACEAE (IJEBA6 18,594,80)

UPDT:8412

TOXICITY DATA AND REFERENCES:

1Y55 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

WI7986900 STELLARIA MEDIA Linn., extract excluding roots

DEF:Indian plant belonging to the family CARYOPHYLLACEAE (IJEBA6 16,228,78)

UPDT:8412

TOXICITY DATA AND REFERENCES:

1G07 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

WI7987000 STELLARIA SEMIVESTITA Edgew., extract

DEF:Indian plant belonging to the family CARYOPHYLLACEAE (IJEBA6 6,232,68)

UPDT:8302

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:500 mg/kg IJEBA6 6,232,68

STELLARID see: UK6650000

STELLAZINE see: SP1500000

STELLITE see: ZA7072000

STELLITE 8 see: GF9180000

STELLITE 21 see: GF9180000

STELLITE 23 see: GF9180000

STELLITE 25 see: GF9180000

STELLITE 27 see: GF9180000

STELLITE 30 see: GF9180000

STELLITE 31 see: GF9180000

STELLITE 36 see: GF9180000

STELLITE 8A see: GF9180000

STELLITE C see: GF9180000

STELLON PINK see: TR0400000

STEMAX see: TU4025000

STEMETIL see: SO2700000

STEMETIL DIMALEATE see: SO3150000

WI8105000 STEMONA JAPONICA Miq., crude extract

UPDT:8408

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22 scu-mus TDLo:20 gm/kg (2D pre/1-3D preg) MPHEAE 16,414,67

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STENANDIOL see: BV8095000

STENEDIOL see: BV8100000

STENIBELL see: BV8100000

WI8145000 STENOCHLAENA PALUSTRIS (Burm.) Bedd., extract

DEF:Indian plant belonging to the family POLYPODIACEAE (IJEBA6 11,43,73)

UPDT:8302

SYN: DHAKIALATA EXTRACT

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

STENOLON see: BV8000000

STENOLON see: BV8400000

STENOLONE see: BV8000000

STENOSINE see: PA2275000

STENOSTERONE see: BV8100000

STENOVASAN see: XH5600000

STENSOLO see: TZ0175000

STENTAL see: CQ6825000

STENTAL EXTENTABS see: CQ6825000

STEOL CS-125 see: WB7350000

STEOL CS-460 see: WB7350000

STEOL 4N see: WB7350000

STEPANATE X see: ZE5100000

STEPAN D-70 see: RT4900000

STEPANOL ME DRY see: WT1050000

STEPANOL ME DRY see: WB7350000

STEPANOL METHYL see: WT1050000

STEPANOL METHYL DRY AW see: WT1050000

STEPANOL WA see: WT1050000

STEPANOL WA-100 see: WT1050000

STEPANOL WA 100 see: WB7350000

STEPANOL WAC see: WT1050000

STEPANOL WAC see: WB7350000

STEPANOL WA-EXTRA see: WB7350000

STEPANOL WAQ see: WT1050000

STEPANOL WA-SPECIAL see: WB7350000

STEPANOL WAT see: WT1000000

WI8889000 STEPHANIA DINKLAGEI Diels, extract

DEF:An African plant belonging to the family MENISPERMACEAE (APFRAD 25,371,67)

UPDT:8403

TOXICITY DATA AND REFERENCES:

3F12F21J26 scu-mus LD50:100 mg/kg APFRAD 25,371,67

3F12F21J26 ivn-mus LD50:35 mg/kg APFRAD 25,371,67

WI8900000 STEPHANIA HERNANDIFOLIA Walp., extract

DEF:Indian plant belonging to the family MENISPERMACEAE (IJEBA6 7,250,69)

UPDT:8302

SYN: AKNADI EXTRACT

TOXICITY DATA AND REFERENCES:

1H30 ipr-mus LD50:350 mg/kg IJEBA6 7,250,69

WI8920000 STEPPIN

DEF:Isolated from CORNICULARIA STEPPAE, plant products, lichen (85GDA2 9,52,82)

UPDT:8308

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:125 mg/kg 85GDA2 9,52,82

* scu-mus LD50:375 mg/kg 85GDA2 9,52,82

STERABOL see: BV8380900 ANDROST-4-EN-3-ONE, 4-CHLORO-17-beta-HYDROXY-, ACETATE

STERAFFINE see: RG2010000
STERAL see: SM0700000
STERAMIDE see: AC8450000
STERANABOL see: BV8380900 ANDROST-4-EN-3-ONE, 4-CHLORO-17-beta-HYDROXY-, ACETATE
STERANDRYL see: XA3115000
STERANE see: TU4152000
STERAQ see: HG0525000
STERASKIN see: SM0700000
STERAZINE see: WP1925000
STERCORIN see: FZ6350000

WI9367000 STERCULIA COCCINEA Roxb., extract
DEF:Indian plant belonging to the family STERCULIACEAE (IJEBA6 18,594,80)
UPDT:8412

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:62500 ug/kg	IJEBA6 18,594,80

WI9368600 STERCULIA FOETIDA OIL
DEF:Contains 50% CYCLOPROPENE FATTY ACIDS (JONUAI 107,574,77)
UPDT:8306

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T71	orl-rat TDLo:22 gm/kg (1-22D preg)	PSEBAA 122,142,66
3T71T72T76	orl-rat TDLo:43 gm/kg (1-22D preg/21D post)	JONUAI 107,574,77
1T81	orl-rat TDLo:43 gm/kg (1-22D preg/21D post)	JONUAI 107,574,77
1T26	orl-rat TDLo:4300 mg/kg (MGN)	JONUAI 107,574,77
2T51T53	orl-rat TDLo:41 gm/kg (60D pre/1-22D preg)	PSEBAA 131,61,69
3T12T13T14	orl-rat TDLo:210 gm/kg (20W pre)	JONUAI 85,8,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STERE METILICO dell Ac. 4-METIL-6-OSSIPIRIMIDIN-2-alpha-TIOISOBUTIRRICO (Italian) see: UV6309300
STERIDO see: DU1925000
STERIGMATOCYSTIN see: LV1750000
STERIGMATOCYSTIN, O-ACETYL- see: LV1735000
STERILE TETRACAINE HYDROCHLORIDE see: DG4900000
STERISEAL LIQUID #40 see: FD3500000
STERLING see: VZ4725000
STERLING N 765 see: FF5800000
STERLING NS see: FF5800000
STERLING SO 1 see: FF5800000
STERLING SUPER A see: WB7350000
STERLING WA PASTE see: WT1050000
STERLING WAQ-CH see: WT1050000
STERLING WAQ-COSMETIC see: WT1050000
STERLING WAT see: WT1000000
STERNITE see: AT6970000
STERNITE 30 see: WL6475000
STERNITE ST 30VL see: WL6475000
STERODERM see: TU2800000
STEROGYL see: KE1050000
STEROLAMIDE see: KL9275000
STEROLONE see: TU4152000
STERONYL see: BV8400000
STESIL see: EK1050000
STESOLID see: DF1575000
STESOLIN see: DF1575000

WJ0250000 STEVIA REBAUDIANA Bertoni, extract
UPDT:8405

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	orl-rat TDLo:45 gm/kg (18D pre)	SCIEAS 162,1007,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STH see: TO7385000
ST 1396 HYDROCHLORID (German) see: YR6560000
ST 1396 HYDROCHLORIDE see: YR6560000
STIBACETIN see: DA8800000
STIBAMIN (German) see: CY1205000
STIBAMINE see: CY1205000
STIBAMINE GLUCOSIDE see: QP7050000
STIBANATE see: CC7930000
STIBANILIC ACID see: CJ1330000
STIBANOSE see: CC7930000
STIBATIN see: CC7930000
STIBENYL see: DA8800000
STIBIC ANHYDRIDE see: CC6300000
2,2',2'-(STIBILIDYNETRIS(THIO)TRIS-BUTANEDIOIC ACID HEXALITHIUM SALT see: WJ1625000
STIBILIUM see: WJ5600000

WJ0700000 STIBINE
UPDT:8404 CAS: 7803-52-3 MW: 124.78 MOLFM: H3-Sb
SYN: ANTIMONWASSERSTOFFES (German) * ANTIMONY HYDRIDE * ANTIMONY TRIHYDRIDE * ANTYMONOWODOR (Polish) * HYDROGEN ANTIMONIDE * STIBINE (DOT) * UN 2676 (DOT)

TOXICITY DATA AND REFERENCES:

	ihl-mus LCLo:100 ppm/20M	BDCGAS 37,885,04
	ihl-gpg LCLo:92 ppm/1H	28ZLA8 -,30,61

REVIEW AND REFERENCES:

★ TLV-TWA 100 ppb; STEL 300 ppb	DTLVS* 4,371,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug/m3 (SCP-D)	FEREAC 39,23540,74
★ DOT-IMO:POISON A; LABEL:POISON GAS AND FLAMMABLE GAS	CFRGBR 49,172.102,83

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S243*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

STIBINE (DOT) see: WJ0700000

WJ0895000 STIBINE OXIDE, HYDROXY(2-THIAZOLYL)-, SODIUM SALT
UPDT:8406 MW: 262.88 MOLFM: C3-H4-S-Sb-N-O2 .Na
SYN: HYDROXY(2-THIAZOLYL)STIBINE OXIDE SODIUM SALT * SODIUM THIAZOLE-2-STIBINATE

TOXICITY DATA AND REFERENCES:

1K30	orl-rat LD50:750 mg/kg	JAPMA8 39,401,50
1K30	ipr-rat LD50:310 mg/kg	JAPMA8 39,401,50

WJ0900000 STIBINE OXIDE, TRIPHENYL-
UPDT:7901 CAS: 4756-75-6 MW: 369.08 MOLFM: C18-H15-O-Sb
SYN: TRIPHENYLANTIMONY OXIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:180 mg/kg	CSLNX* NX#01710

REVIEW AND REFERENCES:

★ TLV-TWA 0.5 mg(Sb)/m3	DTLVS* 4,20,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A)	FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3	NTIS**

WJ0950000 STIBINE SULFIDE, TRIPHENYL-
UPDT:7901 CAS: 3958-19-8 MW: 385.14 MOLFM: C18-H15-S-Sb
SYN: TRIPHENYL ANTIMONY SULFIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:320 mg/kg	CSLNX* NX#02058

REVIEW AND REFERENCES:

★ TLV-TWA 0.5 mg(Sb)/m3	DTLVS* 4,20,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A)	FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3	NTIS**

STIBINE, TRICHLORO- see: CC4900000
STIBINE, TRIFLUORO- (9CI) see: CC5150000

WJ1225000 STIBINE, TRIMETHYL-
UPDT:8104 CAS: 594-10-5 MW: 166.87 MOLFM: C3-H9-Sb
SYN: TRIMETHYLANTIMONY * TRIMETHYLSTIBINE

TOXICITY DATA AND REFERENCES:

	scu-cat LDLo:1370 mg/kg	JPETAB 66,366,39

REVIEW AND REFERENCES:

★ TLV-TWA 0.5 mg(Sb)/m3	DTLVS* 4,20,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A)	FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3	NTIS**

WJ1400000 STIBINE, TRIPHENYL-
UPDT:8104 CAS: 603-36-1 MW: 353.08 MOLFM: C18-H15-Sb
SYN: TRIPHENYLANTIMONY * TRIPHENYL STIBINE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:183 mg/kg	MarJV# 29MAR77
	ipr-rat LD50:168 mg/kg	AMRL** TR-74-78,74
	orl-mus LD50:650 mg/kg	AMRL** TR-74-78,74
	ipr-mus LDLo:500 mg/kg	CBCCT* 6,229,54

REVIEW AND REFERENCES:

★ TLV-TWA 0.5 mg(Sb)/m3	DTLVS* 4,20,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A)	FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3	NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ1575000 STIBINE, TRI-2-PYRIDYL-
UPDT:7901 CAS: 64011-26-3 MW: 356.05 MOLFM: C15-H12-N3-Sb
SYN: TL 365 * (TRI-2-PYRIDYL)STIBINE

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:500 mg/kg	NCNSA6 5,23,53
	ihl-mus LCLo:1100 mg/m3/10M	NDRC** NDCrc-132,Dec,42

REVIEW AND REFERENCES:

★ TLV-TWA 0.5 mg(Sb)/m3	DTLVS* 4,20,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A)	FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3	NTIS**

WJ1625000 STIBINE, TRIS((1,2-DICARBOXYETHYL)THIO)-, HEXALITHIUM SALT
UPDT:8412 CAS: 305-97-5 MW: 604.78 MOLFM: C12-H9-O12-S3-Sb .6Li
SYN: ANTHIOLIMINE * ANTHIOMALINE * LITHIUM ANTIMONIOTHIOMALATE * LITHIUM ANTIMONY THIOMALATE * MERCAPTOSUCCINIC ACID ANTIMONATE (III) HEXALITHIUM SALT * MERCAPTOSUCCINIC ACID S-ANTIMONY derivative LITHIUM SALT * 2,2',2''-(STIBILIDYNETRIS(THIO)TRIS-BUTANEDIOIC ACID HEXALITHIUM SALT * SUCCINIC ACID, MERCAPTO-, THIOANTIMONATE(III), DILITHIUM SALT

TOXICITY DATA AND REFERENCES:

2K13U25	orl-hmn TDLo:11 mg/kg	JAMAAP 125,952,44
2F08R03	ivn-man TDLo:262 mg/kg/5W-I	METRA2 19,103,59
*	ipr-mus LD50:82 mg/kg	AJTMAQ 25,263,45
	ivn-mus LD50:181 mg/kg	JPETAB 81,224,44

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: FAZMAE 17,108,73	
★ TLV-TWA 0.5 mg(Sb)/m3	DTLVS* 4,20,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A)	FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3	NTIS**

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ1650000 STIBINE, TRIS(DODECYLTHIO)-
UPDT:7901 CAS: 6939-83-9 MW: 726.04 MOLFM: C36-H75-S3-Sb
SYN: TRIS(DODECYLTHIO)ANTIMONY

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:180 mg/kg	CSLNX* NX#02626

REVIEW AND REFERENCES:

★ TLV-TWA 0.5 mg(Sb)/m3	DTLVS* 4,20,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A)	FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3	NTIS**

STIBINOL see: CC7930000
STIBIUM see: CC4025000
STIBNAL see: CC8050000
STIBOCAPTATE see: JO6150000
STIBOFEN see: CC2850000

WJ1925000 STIBONIUM, TETRAMETHYL-, IODIDE
UPDT:7901 CAS: 2185-78-6 MW: 308.81 MOLFM: C4-H12-Sb .I
SYN: TETRAMETHYLSTIBONIUM IODIDE

TOXICITY DATA AND REFERENCES:

	scu-mus LDLo:1000 mg/kg	JPETAB 25,315,25
	ivn-mus LDLo:600 mg/kg	JPETAB 25,315,25

REVIEW AND REFERENCES:

★ TLV-TWA 0.5 mg(Sb)/m3	DTLVS* 4,20,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A)	FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3	NTIS**

((2-STIBONOPHENYL)THIO)ACETIC ACID see: AJ4690000
((2-STIBONOPHENYL)THIO)ACETIC ACID CALCIUM SALT see: AJ4694000
((2-STIBONOPHENYL)THIO)ACETIC ACID DIETHANOLAMINE SALT see: AJ4696000
((2-STIBONOPHENYL)THIO)ACETIC ACID SODIUM SALT see: AJ4700000
STIBOPHEN see: CC2850000
STIBOSAMIN see: CJ1330000
STIBSOL see: VY5775000

STIBUNAL see: CC8050000
STICKDIOXYD (German) see: QX1350000
STICKMONOXYD (German) see: QX0525000
STICKSTOFFDIOXID (German) see: QW9800000
STICKSTOFFWASSERSTOFFSAEURE (German) see: MW2800000
STIGMANOL BROMIDE see: BR3150000
STIGMANOL METHYL SULFATE see: CY1225000

WJ2500000 5-alpha-STIGMASTANE-3-beta,5,6-beta-TRIOL, 3-BENZOATE
UPDT:8401 CAS: 59297-18-6 MW: 552.92 MOLFM: C36-H56-O4
SYN: 5-alpha-STIGMASTANE-3-beta,5,6-beta-TRIOL 3-MONOBENZOATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-mus TDLo:30 mg/kg (1D preg)	JRPFA4 46,461,76
1T27	orl-mus TDLo:60 mg/kg (6-7D preg)	JRPFA4 46,461,76
1T22	orl-mus TDLo:40 mg/kg (3D preg)	CCPTAY 23,315,81
1T03	orl-mus TDLo:840 mg/kg (7D male)	CCPTAY 23,315,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

5-alpha-STIGMASTANE-3-beta,5,6-beta-TRIOL 3-MONOBENZOATE see: WJ2500000

WJ2505000 STIGMAST-5-ENE-3-beta,7-alpha-DIOL, DIBENZOATE
UPDT:8401 CAS: 56698-81-8 MW: 639.01 MOLFM: C43-H58-O4
SYN: 5-STIGMASTENE-3-beta,7-alpha-DIOL DIBENZOATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-mus TDLo:30 mg/kg (1D preg)	JRPFA4 46,461,76
1T27	orl-mus TDLo:60 mg/kg (6-7D preg)	JRPFA4 46,461,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ2506000 STIGMAST-5-ENE-3-beta,7-beta-DIOL, DIBENZOATE
UPDT:8401 MW: 639.01 MOLFM: C43-H58-O4
SYN: 5-STIGMASTENE-3-beta,7-beta-DIOL DIBENZOATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-mus TDLo:30 mg/kg (1D preg)	JRPFA4 46,461,76
1T27	orl-mus TDLo:60 mg/kg (6-7D preg)	JRPFA4 46,461,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

5-STIGMASTENE-3-beta,7-alpha-DIOL DIBENZOATE see: WJ2505000
5-STIGMASTENE-3-beta,7-beta-DIOL DIBENZOATE see: WJ2506000

WJ2510000 5-beta-STIGMAST-7-EN-26-OIC ACID, 2-beta,3-beta,14,20,22,28-HEXAHYDROXY-6-OXO-, gamma- LACTONE, (22R,24S,25S,28R)-
UPDT:8404 CAS: 17086-76-9 MW: 536.73 MOLFM: C29-H44-O9
SYN: CYASTERON * CYASTERONE

MUTATION DATA AND REFERENCES:

	cyt-dmg-par 300 umol/L	NNBYA7 230,222,71

STIGMAST-5-EN-3-OL, (3-beta)- (9CI) see: WJ2600000

WJ2600000 STIGMAST-5-EN-3-beta-OL
UPDT:8401 CAS: 83-46-5 MW: 414.79 MOLFM: C29-H50-O
SYN: ANGELICIN * ANGELICIN (STEROID) * CINCHOL * CUPREOL * alpha-DIHYDROFUCOSTEROL * 22,23-DIHYDROSTIGMASTEROL * 24-alpha-ETHYLCHOLESTEROL * QUEBRACHOL * RHAMNOL * beta-SITOSTERIN * beta-SITOSTEROL * SKF 14463 * STIGMAST-5-EN-3-OL, (3-beta)- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-mus TDLo:30 mg/kg (1D preg)	JRPFA4 46,461,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STIGMAST-5-EN-7-ONE, 3-(BENZOYLOXY)-, (3-beta)- see: WJ2610000

WJ2610000 STIGMAST-5-EN-7-ONE, 3-beta-HYDROXY-, BENZOATE
UPDT:8401 CAS: 59157-67-4 MW: 532.80 MOLFM: C36-H52-O3
SYN: 3-beta-HYDROXYSTIGMAST-5-EN-7-ONE BENZOATE * 7-OXO-5-STIGMASTEN-3-beta-OL BENZOATE * STIGMAST-5-EN-7-ONE, 3-(BENZOYLOXY)-, (3-beta)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-mus TDLo:30 mg/kg (1D preg)	JRPFA4 46,461,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STIGMOSAN BROMIDE see: BR3150000
STIGMOSAN METHYL SULFATE see: CY1225000
STIK see: QJ0875000
STIKSTOFDIOXYDE (Dutch) see: QW9800000
STIL see: WJ5600000
STILALGIN see: TZ1225000
STILBAMIDINE see: WJ5250000
STILBAMIDINE DIHYDROCHLORIDE see: WJ5340000

WJ3500000 4-STILBENAMINE
UPDT:8401 CAS: 834-24-2 MW: 195.28 MOLFM: C14-H13-N
SYN: p-AMINOSTILBENE * 4-AMINOSTILBENE * BENZENAMINE, 4-(2-PHENYLETHENYL)- (9CI) * 4-N-STILBENAMINE * p-STYRYLANILINE

TUMORIGENIC DATA AND REFERENCES:

2V03M60	imp-mus TDLo:80 mg/kg	BJCAAI 17,127,63
3V03D45V10	scu-rat TD :200 mg/kg/W-I	BMBUAQ 14,141,58

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ3540000 4-STILBENAMINE, (E)-
UPDT:8401 CAS: 4309-66-4 MW: 195.28 MOLFM: C14-H13-N
SYN: trans-4-AMINOSTILBENE * BENZENAMINE, 4-(2-PHENYLETHENYL)-, (E)- (9CI) * trans-4-STILBENE * trans-4-N-STILBENAMINE

MUTATION DATA AND REFERENCES:

	mma-sat 10 ug/plate	PNASA6 70,2281,73

TUMORIGENIC DATA AND REFERENCES:

3V01D45K60	orl-rat TDLo:200 mg/kg/13W-C	CNREA8 24,128,64
2V01T62	scu-rat TDLo:26 mg/kg/4W-I	CNREA8 24,128,64
3V03R60V10	scu-rat TD :63 mg/kg/6W-I	PTRMAD 241,147,48
3V03R60V10	scu-rat TD :200 mg/kg/7W-I	PTRMAD 241,147,48

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4-N-STILBENAMINE see: WJ3500000
trans-4-N-STILBENAMINE see: WJ3540000

WJ3600000 4-STILBENAMINE, 3-CHLORO-
UPDT:8401 CAS: 73928-01-5 MW: 205.70 MOLFM: C12-H12-Cl-N
SYN: 3-CHLORO-4-AMINOSTILBENE * 3-CHLORO-4-STILBENAMINE

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-rat TDLo:200 mg/kg/W-I	BMBUAQ 14,141,58

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ3675000 4-STILBENAMINE, 2'-CHLORO-N,N-DIMETHYL-
UPDT:8401 CAS: 63020-91-7 MW: 257.78 MOLFM: C16-H16-Cl-N
SYN: 2'-CHLORO-4-DIMETHYLAMINOSTILBENE * 2'-CHLORO-4-STILBENYL-N,N-DIMETHYLAMINE * STILBENE, 2'-CHLORO-4-DIMETHYLAMINO-

TUMORIGENIC DATA AND REFERENCES:

2V03D45	orl-rat TDLo:625 mg/kg/60W-C	ABMGAJ 9,87,62
2V01R60	ipr-rat TDLo:300 mg/kg/8W-I	BJCAAI 10,123,56
3V03J60L60	ipr-rat TD :420 mg/kg/9W-I	BJCAAI 6,392,52

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ3750000 4-STILBENAMINE, 3'-CHLORO-N,N-DIMETHYL-
UPDT:8401 CAS: 63040-27-7 MW: 257.78 MOLFM: C16-H16-Cl-N
SYN: 3'-CHLORO-N,N-DIMETHYLAMINOSTIBEN (German) * 3'-CHLORO-4-DIMETHYLAMINOSTILBENE * 3'-CHLORO-N,N-DIMETHYL-4-STILBENAMINE * 3'-CHLORO-4-STILBENYL-N,N-DIMETHYLAMINE

TUMORIGENIC DATA AND REFERENCES:

2V03D45	orl-rat TDLo:440 mg/kg/42W-C	ABMGAJ 9,87,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ3800000 STILBENAMINE, 4'-CHLORO-N,N-DIMETHYL-
UPDT:8401 CAS: 7378-50-9 MW: 257.78 MOLFM: C16-H16-Cl-N
SYN: 4'-CHLORO-4-DIMETHYLAMINOSTILBENE * 4'-CHLORO-N,N-DIMETHYLAMINOSTIBEN (German) * 4'-CHLORO-N,N-DIMETHYL-4-STILBENAMINE * 4'-CHLORO-4-STILBENYL-N,N-DIMETHYLAMINE

TUMORIGENIC DATA AND REFERENCES:

2V03D45	orl-rat TDLo:625 mg/kg/59W-C	ABMGAJ 9,87,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4-STILBENAMINE, 2-CYANO- see: WJ5018000

WJ3825000 4-STILBENAMINE, N,N-DIETHYL-
UPDT:8401 CAS: 40193-47-3 MW: 251.40 MOLFM: C18-H21-N
SYN: DIETHYLAMINO STILBENE * N,N-DIETHYL-4-STILBENAMINE * 4-STILBENYL-N,N-DIETHYLAMINE

TUMORIGENIC DATA AND REFERENCES:

3V02D45J60	scu-rat TDLo:160 mg/kg/9W-I	XPHPAW 149,87,57
3V03D45V10	scu-rat TD :180 mg/kg/8W-I	PTRMAD 241,147,48

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ3833000 STILBENAMINE, 2',5'-DIMETHOXY-
UPDT:8401 CAS: 23435-31-6 MW: 255.34 MOLFM: C16-H17-N-O2
SYN: BENZENAMINE, 4-(2-(2,5-DIMETHOXYPHENYL)ETHYL)- (9CI) * 2,5-DIMETHOXY-4'-AMINOSTILBENE(trans) * 4-(2,5-DIMETHOXYPHENETHYL)ANILINE * 4-(2,5-DIMETHOXY)STILBENAMINE * 4'-STILBENAMINE, 2,5-DIMETHOXY-

TUMORIGENIC DATA AND REFERENCES:

3V01D45K60	orl-rat TDLo:2360 mg/kg/78W-C	JEPTDQ 2(2),325,78
3V01J60L60	orl-mus TDLo:130 gm/kg/78W-C	JEPTDQ 2(2),325,78
3V01D45K60	orl-rat TD :4725 mg/kg/78W-C	JEPTDQ 2(2),325,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4'-STILBENAMINE, 2,5-DIMETHOXY- see: WJ3833000

WJ3850000 4-STILBENAMINE, N,N-DIMETHYL-
UPDT:8411 CAS: 1145-73-9 MW: 223.34 MOLFM: C16-H17-N
SYN: 4-DIMETHYLAMINOSTILBEN (German) * N,N-DIMETHYL-4-AMINOSTILBENE * N,N-DIMETHYL-p-STYRYLANILINE * STILBENYL-N,N-DIMETHYLAMINE

MUTATION DATA AND REFERENCES:

	mma-sat 10 ug/plate	JJIND8 71,293,83
	mma-bcs 5 gm/L	MUREAV 42,19,77
	dnr-bcs 5 gm/L	MUREAV 42,19,77

TUMORIGENIC DATA AND REFERENCES:

2V01R60	orl-rat TDLo:50 mg/kg	CNREA8 26,619,66
3V03L60R60	ipr-rat TDLo:180 mg/kg/9W-I	BJCAAI 6,392,52
2V03D45	orl-rat TD :520 mg/kg/49W-C	ABMGAJ 9,87,62
2V03D45	orl-rat TD :383 mg/kg/46W-C	ZEKBAI 67,135,65

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:50 mg/kg	CNREA8 26,619,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ALLVAR 50,77,62; ONCOBS 33,66,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ4000000 4-STILBENAMINE, N,N-DIMETHYL-, (E)-
UPDT:8408 CAS: 838-95-9 MW: 223.34 MOLFM: C16-H17-N
SYN: BENZENAMINE, N,N-DIMETHYL-4-(2-PHENYLETHENYL)-, (E)- * trans-p-(DIMETHYLAMINO)STILBENE * trans-4-DIMETHYLAMINOSTILBENE * 4-DIMETHYLAMINO-trans-STILBENE * trans-N,N-DIMETHYL-4-STILBENAMINE * 4-STILBENAMINE, trans-N,N-DIMETHYL-

MUTATION DATA AND REFERENCES:

	mma-sat 10 ug/plate	PNASA6 72,5135,75
	sln-dmg-orl 1500 umol/L	BIZNAT 102,271,83
	sln-dmg-unk 1500 umol/L/3D	35WYAM -,63,76
	dnd-rat-orl 22 umol/kg	CBINA8 24,355,79
	oms-rat-orl 25 umol/kg	CBINA8 24,355,79

TUMORIGENIC DATA AND REFERENCES:

2V01D45	orl-rat TDLo:240 mg/kg/20W-I	ZEKBAI 74,200,70
3V03L60V10	scu-rat TDLo:135 mg/kg/W-I	PTRMAD 241,147,48
3V03D45L60	orl-rat TD :275 mg/kg/26W-I	PTRMAD 241,147,48
3V03L60V10	scu-rat TD :180 mg/kg/8W-I	PTRMAD 241,147,48
2V03D45	orl-rat TD :580 mg/kg/32W-C	BJCAAI 22,133,68
2V03D45	orl-rat TD :550 mg/kg/26W-C	EXPEAM 12,185,56
2V03D45	orl-rat TD :305 mg/kg/44W-C	EXPEAM 12,185,56

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:55750 ug/kg	ONCOBS 37,255,80

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ4025000 4-STILBENAMINE, N,N-DIMETHYL-, (Z)-
UPDT:8401 CAS: 14301-11-2 MW: 223.34 MOLFM: C16-H17-N
SYN: cis-4-DIMETHYLAMINOSTILBENE * cis-N,N-DIMETHYL-4-STILBENAMINE

TUMORIGENIC DATA AND REFERENCES:

3V02P61R60	orl-rat TDLo:310 mg/kg/20W-I	ZEKBAI 74,200,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4-STILBENAMINE, trans-N,N-DIMETHYL- see: WJ4000000
STILBENAMINE, N,N-DIMETHYL-2'-METHYL- see: WJ4723000

WJ4300000 4-STILBENAMINE, 4'-FLUORO-
UPDT:8401 CAS: 10010-36-3 MW: 213.27 MOLFM: C14-H12-F-N
SYN: 4'-FLUORO-4-AMINOSTILBENE * 4'-FLUORO-4-STILBENAMINE

TUMORIGENIC DATA AND REFERENCES:

3V03D45L60	scu-rat TDLo:200 mg/kg/W-I	BMBUAQ 14,141,58

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ4375000 4-STILBENAMINE, 2'-FLUORO-N,N-DIMETHYL-
UPDT:8401 CAS: 959-73-9 MW: 241.33 MOLFM: C16-H16-F-N
SYN: 2'-FLUORO-4-DIMETHYLAMINOSTILBENE * 2'-FLUORO-N,N-DIMETHYL-4-STILBENAMINE * 2'-FLUORO-4-STILBENYL-N,N-DIMETHYLAMINE

TUMORIGENIC DATA AND REFERENCES:

2V03D45	orl-rat TDLo:490 mg/kg/46W-C	ABMGAJ 9,87,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ4550000 4-STILBENAMINE, 4'-FLUORO-N,N-DIMETHYL-
UPDT:8401 CAS: 405-86-7 MW: 241.33 MOLFM: C16-H16-F-N
SYN: 4'-FLUORO-4-DIMETHYLAMINOSTILBENE * 4'-FLUORO-N,N-DIMETHYL-4-STILBENAMINE * 4'-FLUORO-4-STILBENYL-N,N-DIMETHYLAMINE

TUMORIGENIC DATA AND REFERENCES:

2V03D45	orl-rat TDLo:440 mg/kg/42W-C	ABMGAJ 9,87,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ4600000 4-STILBENAMINE, 3-METHOXY-

UPDT:8401 CAS: 73928-02-6 MW: 225.31 MOLFM: C15-H15-N-O

SYN: 3-METHOXY-4-AMINOSTILBENE * 3-METHOXY-4-STILBENAMINE

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-rat TDLo:250 mg/kg/W-I	BMBUAQ 14,141,58

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ4630000 4-STILBENAMINE, 2-METHYL-

UPDT:8401 CAS: 73928-03-7 MW: 209.31 MOLFM: C15-H15-N

SYN: 2-METHYL-4-AMINOSTILBENE * 2-METHYL-4-STILBENAMINE

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-rat TDLo:240 mg/kg/W-I	BMBUAQ 14,141,58

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ4670000 4-STILBENAMINE, 3-METHYL-

UPDT:8401 CAS: 73928-04-8 MW: 209.31 MOLFM: C15-H15-N

SYN: 3-METHYL-4-AMINOSTILBENE * 3-METHYL-4-STILBENAMINE

TUMORIGENIC DATA AND REFERENCES:

2V03D45	orl-rat TDLo:350 mg/kg/W	BMBUAQ 14,141,58
2V03V10	scu-rat TDLo:200 mg/kg/W-I	BMBUAQ 14,141,58

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ4723000 4-STILBENAMINE, N,N,2'-TRIMETHYL-

UPDT:8401 CAS: 63019-09-0 MW: 237.37 MOLFM: C17-H19-N

SYN: 4-DIMETHYLAMINO-2'-METHYLSTILBENE * N,N-DIMETHYL-2'-METHYLSTILBENAMINE * 2'-METHYL-4-DIMETHYLAMINOSTILBENE * STILBENAMINE, N,N-DIMETHYL-2'-METHYL-

TUMORIGENIC DATA AND REFERENCES:

2V03D45	orl-rat TDLo:750 mg/kg/71W-C	ABMGAJ 9,87,62
3V02L60V10	scu-rat TDLo:80 mg/kg/4W-I	PTRMAD 241,147,48
3V03L60V10	scu-rat TD :90 mg/kg/W-I	PTRMAD 241,147,48

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ4725000 4-STILBENAMINE, N,N,3'-TRIMETHYL-

UPDT:8401 CAS: 63040-32-4 MW: 237.37 MOLFM: C17-H19-N

SYN: 3'-METHYL-4-DIMETHYLAMINOSTILBENE * N,N,3'-TRIMETHYL-4-STILBENAMINE

TUMORIGENIC DATA AND REFERENCES:

2V03D45	orl-rat TDLo:560 mg/kg/53W-C	ABMGAJ 9,87,62

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ4900000 4-STILBENAMINE, N,N,4'-TRIMETHYL-

UPDT:8401 CAS: 7378-54-3 MW: 237.37 MOLFM: C17-H19-N

SYN: 4'-METHYL-4-DIMETHYLAMINOSTILBENE * N,N,4'-TRIMETHYL-4-STILBENAMINE

TUMORIGENIC DATA AND REFERENCES:

2V03D45	orl-rat TDLo:305 mg/kg/29W-C	ABMGAJ 9,87,62

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(E)-STILBENE see: WJ4926500

WJ4926500 STILBENE, (E)-

UPDT:8401 CAS: 103-30-0 MW: 180.26 MOLFM: C14-H12

SYN: BENZENE, 1,1'-(1,2-ETHENEDIYL)BIS-, (E)- (9CI) * trans-DIPHENYLETHENE * trans-1,2-DIPHENYLETHENE * (E)-1,2-DIPHENYLETHYLENE * trans-alpha,beta-DIPHENYLETHYLENE * trans-1,2-DIPHENYLETHYLENE * (E)-STILBENE * trans-STILBENE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:920 mg/kg	YHHPAL 14,227,79
*	ipr-mus LD50:6500 mg/kg	YHHPAL 14,227,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

trans-STILBENE see: WJ4926500

trans-4-STILBENE see: WJ3540000

STILBENE, 4-(BENZYLOXY)-alpha'-BROMO-2'-FLUORO-alpha-PHENYL-, (E)- see: KU6330000

STILBENE, 4-(BENZYLOXY)-alpha'-BROMO-3'-FLUORO-alpha-PHENYL-, (Z)- see: KU6320000

STILBENE, 4-(BENZYLOXY)-alpha'-BROMO-4'-FLUORO-alpha-PHENYL-, (E)- see: KU6310000

STILBENE, 4-(BENZYLOXY)-2'-FLUORO-alpha-PHENYL- see: KU6400000

STILBENE, alpha'-BROMO-4'-CHLORO-4-METHOXY-alpha-PHENYL- see: KU8514000

STILBENE, alpha'-BROMO-4'-CHLORO-4-METHOXY-alpha-PHENYL-, (Z)- see: KU8520000

STILBENE, alpha'-BROMO-2'-FLUORO-4-(BENZYLOXY)-alpha-PHENYL-, (Z)- see: KU6340000

STILBENE, alpha'-BROMO-4'-FLUORO-4-(BENZYLOXY)-alpha-PHENYL-, (Z)- see: KU6350000

STILBENE, alpha'-BROMO-2'-FLUORO-4-METHOXY-alpha-PHENYL- see: KU8555000

STILBENE, alpha'-BROMO-3'-FLUORO-4-METHOXY-alpha-PHENYL- see: KU8545000

STILBENE, alpha'-BROMO-4'-FLUORO-4-METHOXY-alpha-PHENYL-, (E)- see: KU8565000

STILBENE, alpha'-BROMO-2'-FLUORO-4-METHOXY-alpha-PHENYL-, (Z)- see: KU8560000

STILBENE, alpha'-BROMO-3'-FLUORO-4-METHOXY-alpha-PHENYL-, (Z)- see: KU8550000

STILBENE, alpha'-BROMO-4'-FLUORO-4-METHOXY-alpha-PHENYL-, (Z)- see: KU8570000

STILBENE, alpha'-BROMO-2'-FLUORO-alpha-PHENYL- see: KU8530000

STILBENE, alpha'-BROMO-3'-FLUORO-alpha-PHENYL- see: KU8525000

STILBENE, alpha'-BROMO-4'-FLUORO-alpha-PHENYL- see: KU8535000

STILBENE, alpha'-BROMO-alpha-PHENYL- see: KU8850000

STILBENE, alpha'-BROMO-alpha-PHENYL-3-(TRIFLUOROMETHYL)- see: KU8540000

WJ5018000 2-STILBENECARBONITRILE, 4-AMINO-

UPDT:8401 MW: 220.29 MOLFM: C15-H12-N2

SYN: CAS * 2-CYANO-4-AMINOSTILBENE * 2-CYANO-4-STILBENAMINE * 4-STILBENAMINE, 2-CYANO-

TUMORIGENIC DATA AND REFERENCES:

3V02R60V10	scu-rat TDLo:2700 mg/kg/30W-I	TXAPA9 5,344,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STILBENE, 2'-CHLORO-4-DIMETHYLAMINO- see: WJ3675000

STILBENE, alpha-CYCLOHEXYL-2'-FLUORO- see: KV0900000

STILBENE, alpha-CYCLOHEXYL-2'-FLUORO-4-METHOXY- see: KV0890000

WJ5100000 4,4'-STILBENEDIAMINE

UPDT:8401 CAS: 621-96-5 MW: 210.30 MOLFM: C14-H14-N2

SYN: BENZENAMINE, 4,4'-(1,2-ETHENEDIYL)BIS- (9CI) * 4,4'-DIAMINOSTILBENE * 4,4'-VINYLENEDIANILINE

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-rat TDLo:200 mg/kg/W-I	BMBUAQ 14,141,58

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ5150000 4,4'-STILBENEDIAMINE, 2,2'-DICHLORO-

UPDT:8401 CAS: 73926-91-7 MW: 279.18 MOLFM: C14-H12-Cl2-N2

SYN: 4,4'-DIAMINO-2,2'-DICHLOROSTILBENE * 2,2'-DICHLORO-4,4'-STILBENAMINE

TUMORIGENIC DATA AND REFERENCES:

3V03K60L60	scu-rat TDLo:1400 mg/kg/W-I	BMBUAQ 14,141,58

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ5200000 4,4'-STILBENEDIAMINE, 3,3'-DICHLORO-

UPDT:8401 CAS: 73926-92-8 MW: 279.18 MOLFM: C14-H12-Cl2-N2

SYN: 4,4'-DIAMINO-3,3'-DICHLOROSTILBENE * 3,3'-DICHLORO-4,4'-STILBENEDIAMINE

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-rat TDLo:200 mg/kg/W-I	BMBUAQ 14,141,58

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ5250000 4,4'-STILBENEDICARBOXAMIDINE

UPDT:8306 CAS: 122-06-5 MW: 264.36 MOLFM: C16-H16-N4

SYN: BA 2652 * BENZAMIDINE, 4,4'-VINYLENEDI- * STILBAMIDINE * DIAMIDINO STILBENE * 4,4'-DIAMIDINOSTILBENE

TOXICITY DATA AND REFERENCES:

3F08J25K13	ivn-man TDLo:39 mg/kg/29D	LANCAO 246,531,44
	ipr-rat LD50:43 mg/kg	FEPRA7 1,167,42
	ipr-mus LD50:317 mg/kg	JPETAB 119,444,57
*	ipr-ham LD50:150 mg/kg	FEPRA7 1,167,42

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ5340000 4,4'-STILBENEDICARBOXAMIDINE, DIHYDROCHLORIDE

UPDT:8308 CAS: 6935-63-3 MW: 337.28 MOLFM: C16-H16-N4 2Cl-H

SYN: BENZAMIDINE, 4,4'-VINYLENEDI-, DIHYDROCHLORIDE * 4,4'-DIAMIDINOSTILBENE DIHYDROCHLORIDE * STILBAMIDINE DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2F12J30	ipr-mus LD50:91 mg/kg	ANTCAO 2,581,52
	scu-mus LD50:180 mg/kg	CLDND*
2F12J30	ivn-mus LD50:18900 ug/kg	ANTCAO 2,581,52

WJ5400000 STILBENE, alpha,alpha'-DIETHYL-4,4'-DIMETHOXY-

UPDT:8401 CAS: 7773-34-4 MW: 296.44 MOLFM: C20-H24-O2

SYN: 3,4-BIS(p-METHOXYPHENYL)-3-HEXENE * DEPOT-OESTROMENINE * DEPOT-OESTROMON * 3,4-DIANISYL-3-HEXENE * trans-alpha,alpha'-DIETHYL-4,4'-DIMETHOXYSTILBENE * alpha,alpha'-DIETHYL-4,4'-DIMETHOXYSTILBENE * (E)-1,1'-(1,2-DIETHYL-1,2-ETHENE-DIYL)BIS(4-METHOXYBENZENE) * DIETHYLSTILBESTROL DIMETHYL ETHER * DIMESTROL * 4,4'-DIMETHOXY-alpha,beta-DIETHYLSTILBENE * 3-HEXENE, 3,4-BIS(p-METHOXYPHENYL)- * STILBESTROL DIMETHYL ETHER * SYNTHILA

TUMORIGENIC DATA AND REFERENCES:

2V03M61	scu-ham TDLo:560 gm/kg/35W-I	CNREA8 31,1251,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ5580000 3,5-STILBENEDIOL, (E)-

UPDT:8308 CAS: 22139-77-1 MW: 212.26 MOLFM: C14-H12-O2

SYN: 1,3-BENZENEDIOL, 5-(2-PHENYLETHENYL)-, (E)- (9CI) * PINOSYLVINE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:20 mg/kg	85GDA2 8(2),300,82

WJ5600000 4,4'-STILBENEDIOL, alpha,alpha'-DIETHYL-

UPDT:8412 CAS: 56-53-1 MW: 268.38 MOLFM: C18-H20-O2

SYN: ACNESTROL * AGOSTILBEN * ANTIGESTIL * BIO-DES * 3,4-BIS(p-HYDROXYPHENYL)-3-HEXENE * BUFON * CLIMATERINE * COMESTROL * COMESTROL ESTROBENE * CYREN * CYREN A * DAWE'S DESTROL * DEB * DES * DES (SYNTHETIC ESTROGEN) * DESMA * DESTROL * DIBESTROL * DIBESTROL '2' PREMIX * DICORVIN * DI-ESTRYL * 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS-PHENOL * DIETILESTILBESTROL (Spanish) * trans-4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BISPHENOL * alpha,alpha'-DIETHYLSTILBENEDIOL * trans-alpha,alpha'-DIETHYL-4,4'-STILBENEDIOL * alpha,alpha'-DIETHYL-4,4'-STILBENEDIOL * alpha,alpha'-DIETHYL-(E)-4,4'-STILBENEDIOL * DIETHYLSTILBESTEROL * trans-DIETHYLSTILBESTEROL * DIETHYLSTILBESTROL * trans-DIETHYLSTILBESTROL * DIETHYLSTILBOESTEROL * trans-DIETHYLSTILBOESTEROL * 4,4'-DIHYDROXYDIETHYLSTILBENE * 4,4'-DIHYDROXY-alpha,beta-DIETHYLSTILBENE * 3,4'(4,4'-DIHYDROXYPHENYL)HEX-3-ENE * DISTILBENE * DOMESTROL * ESTILBEN * ESTILBIN 'MCO' * ESTRIL * ESTROBENE * ESTROMENIN * ESTROSYN * FOLLIDIENE * FONATOL * GRAFESTROL * GYNOPHARM * 3-HEXENE,3,4-BIS(p-HYDROXYPHENYL)- * HIBESTROL * IDROESTRIL * ISCOVESCO * MAKAROL * MENOSTILBEEN * MICREST * MICROEST * MILESTROL * NEO-OESTRANOL 1 * NSC-3070 * OEKOLP * OESTROGENINE * OESTROL VETAG * OESTROMENIN * OESTROMENSIL * OESTROMENSYL * OESTROMIENIN * OESTROMON * PABESTROL * PALESTROL * PERCUTATRINE OESTROGENIQUE ISCOVESCO * PHENOL 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS-, (E)- * PROTECTONA * RCRA WASTE NUMBER U089 * RUMESTROL 1 * RUMESTROL 2 * SEDESTRAN * SERRAL * SEXOCRETIN * SIBOL * SINTESTROL * STIBILIUM * STIL * 4,4'-STILBENEDIOL,2,2'-DIETHYL- * STILBESTROL * STILBESTROL, DIETHYL- * STILBETIN * STILBOEFRAL * STILBOESTROFORM * STILBOESTROL * STILBOFOLLIN * STILBOL * STILKAP * STIL-ROL * SYNESTRIN * SYNTHOESTRIN * SYNTHOFOLIN * SYNTOFOLIN * TAMPOVAGAN STILBOESTROL * TYLOSTERONE * VAGESTROL

MUTATION DATA AND REFERENCES:

	mma-esc 50 mg/L	MUREAV 130,97,84
	dnr-esc 100 uL/plate	MUREAV 97,1,82
	dnd-bcs 2 mg/disc	PMRSDJ 1,175,81
	mmo-smc 1 gm/L	MUREAV 92,49,82
	mrc-smc 12500 ug/L	MUREAV 92,49,82
	cyt-smc 20 mg/L	NATUAS 294,263,81
	sln-smc 25 mg/L	PMRSDJ 1,468,81
	dns-hmn:hla 1 umol/L	CNREA8 38,2621,78
	dni-hmn:lym 10 umol/L	PSEBAA 146,401,74
	oms-hmn:oth 20 umol/L	CRNGDP 5,741,84
	sce-hmn:lvr 10 umol/L	ENMUDM 6,406,84
	sce-hmn:fbr 133 nmol/L	NATUAS 281,392,79
	sce-hmn:lym 10 umol/L	CNREA8 42,893,82
	otr-rat:emb 1020 ug/L	JJIND8 67,1303,81
	dnd-rat-scu 1800 ug/kg	CBINA8 42,251,82
	dnd-rat-orl 2200 ug/kg	CBINA8 42,251,82
	dnd-rat:lvr 300 umol/L	SinJF# 26OCT82
	sce-rat:lvr 100 nmol/L	CNREA8 44,3851,84
	mnt-mus-ipr 3200 ug/kg	PMRSDJ 1,686,81
	mma-mus:lym 50 mg/L/4H	MUREAV 59,61,79
	otr-mus:emb 5 umol/L	CRNGDP 3,797,82
	dns-mus-ipr 60 mg/kg	ENMUDM 6,211,84
	cyt-mus-ipr 165 ug/kg	MILEDM 13,27,80
	cyt-mus:emb 5 mg/L	TJADAB 30(1),32A,84
	msc-mus:lym 50 mg/L/4H	MUREAV 59,61,79
	spm-mus-ipr 500 mg/kg	MUREAV 69,149,80
	otr-ham:emb 10 ug/L	JJIND8 67,1303,81
	otr-ham:emb 10 ug/L	CNREA8 42,3040,82
	otr-ham:kdy 1160 ug/L	PMRSDJ 1,626,81
	dnd-ham-scu 6900 ug/kg	CBINA8 42,251,82
	dns-ham:emb 1 mg/L	PAACA3 24,184,83
	cyt-ham:fbr 15 mg/L/48H	MUREAV 48,337,77
	cyt-ham:lng 10 mg/L	ARTODN (Suppl 4),41,80
	sce-ham:fbr 10 umol/L	MUREAV 93,409,82
	msc-ham:emb 1 mg/L	SCIEAS 212,1402,81

REPRODUCTIVE EFFFCTS DATA AND REFERENCES:

1T19	orl-wmn TDLo:2500 ug/kg (5D pre)	FESTAS 24,95,73
2T14T22	orl-wmn TDLo:5 mg/kg (5D pre)	CCPTAY 14,375,76
2T01T02	orl-man TDLo:1065 mg/kg (30W male)	ASUPAZ 73,199,68
1T02	orl-man TDLo:521 mg/kg (2Y male)	FESTAS 5,421,54
2T53T91	orl-wmn TDLo:1730 mg/kg (1-39W preg)	NEJMAG 292,334,75
1T91	orl-wmn TDLo:147 mg/kg (7-34W preg)	JOURAA 122,36,79
1T91	orl-wmn TDLo:21 mg/kg (13-15W preg)	AJOGAH 137,220,80
1T22	orl-wmn TDLo:5 mg/kg (1-5D preg)	JAMAAP 218,562,71
1T29	orl-wmn TDLo:24 mg/kg (34W pre)	ACEDAB 105,7,66
1T22	unk-wmn TDLo:1 mg/kg (4D preg)	EXMDA4 133,406,67
1T53	unk-wmn TDLo:8400 ug/kg (4-9W preg)	JCEMAZ 19,1004,59
1T53	unk-wmn TDLo:24500 ug/kg (14-20W preg)	JCEMAZ 19,1004,59
3T53T82T91	unk-wmn TDLo:150 mg/kg (7-34W preg)	JOURAA 117,477,77
1T53	unk-wmn TDLo:8400 ug/kg (4-9W preg)	JCEMAZ 19,1004,59
1T29	orl-rat TDLo:770 ug/kg (7D pre)	JOENAK 13,376,56
2T17T81	orl-rat TDLo:473 ug/kg (1-22D preg/21D post)	JONUAI 66,321,58
2T02T03	orl-rat TDLo:100 ug/kg (10D male)	PSEBAA 120,725,65

★ TOXICITY DATA HAVE NOT BEEN EVALUATED.

OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

BEST COP [illegible]

1T83	orl-rat TDLo:100 ug/kg (15D preg)	JSTBBK 9,595,78
1T13	orl-rat TDLo:6300 ng/kg (7D pre)	CCPTAY 3,347,71
1T25	orl-rat TDLo:100 ug/kg (5D preg)	CCPTAY 14,487,76
2T75T81	orl-rat TDLo:585 ug/kg (6-18D preg)	TJADAB 25,37,82
1T71	orl-rat TDLo:130 ug/kg (6-18D preg)	TJADAB 25,37,82
2T02T03	skn-rat TDLo:12 mg/kg (30D male)	STEDAM 10,687,67
1T22	scu-rat TDLo:50 ug/kg (1-5D preg)	APTSAI 36(3),81,75
1T13	scu-rat TDLo:1300 ng/kg (1D pre)	ACENA7 49,83,65
2T53T71	scu-rat TDLo:3 mg/kg (19-21D preg)	BEXBAN 90,1597,80
3T12T13T29	scu-rat TDLo:250 ug/kg (1D pre)	ACENA7 49,193,65
1T29	scu-rat TDLo:10 ug/kg (1D preg)	BIREBV 7,260,72
1T87	scu-rat TDLo:1 mg/kg (19D preg)	CALEDQ 6,107,79
2T53T81	scu-rat TDLo:6 ug/kg (15-18D preg)	CNREA8 43,4872,83
1T02	scu-rat TDLo:4680 ug/kg (3D male)	NETOD7 1,123,79
1T48	par-rat TDLo:6 ug/kg (16-19D preg)	BEXBAN 82,1561,76
1T22	orl-mus TDLo:108 ug/kg (1-3D preg)	ACENA7 49,83,65
1T29	orl-mus TDLo:19 ug/kg (4-6D preg)	JOENAK 20,299,60
2T12T13	orl-mus TDLo:72 ug/kg (3D pre)	INJPD2 11,287,79
1T13	orl-mus TDLo:18400 ng/kg (1D pre)	ACENA7 49,83,65
1T29	orl-mus TDLo:644 ug/kg (7D pre)	JOENAK 13,376,56
1T91	ipr-mus TDLo:1 mg/kg (16D preg)	TJADAB 21,313,80
1T22	ipr-mus TDLo:280 mg/kg (28D pre)	JPMSAE 70,60,81
1T22	scu-mus TDLo:36 ug/kg (1-3D preg)	JRPFA4 9,277,65
1T91	scu-mus TDLo:8 ug/kg (9-16D preg)	JTEHD6 2,527,77
1T53	scu-mus TDLo:800 ug/kg (9-16D preg)	PESTD5 17,413,76
1T54	scu-mus TDLo:100 ug/kg (16D preg)	TXAPA9 47,279,79
1T12	scu-mus TDLo:800 ug/kg (9-16D preg)	PAACA3 20,103,79
1T13	scu-mus TDLo:2520 ng/kg (3D pre)	FESTAS 20,211,69
2T26T29	par-mus TDLo:24 ug/kg (4-6D preg)	JOENAK 20,299,60
1T91	par-mus TDLo:1 mg/kg (17D preg)	TJADAB 27,73,83
1T22	ivg-mus TDLo:280 mg/kg (28D pre)	JPMSAE 70,60,81
1T03	ims-dog TDLo:450 ug/kg (18D male)	ASUPAZ 71,311,66
1T91	orl-mky TDLo:7200 ug/kg (18-23W preg)	JRPMAP 26,309,81
1T22	orl-mky TDLo:1200 ug/kg (1-6D preg)	EXMDA4 133,406,67
1T22	orl-mky TDLo:1 mg/kg (1-6D preg)	AJOGAH 115,101,73
2T02T03	orl-rbt TDLo:120 ug/kg (8D male)	TXAPA9 21,55,72
1T24	scu-rbt TDLo:15 ug/kg (1-3D preg)	FESTAS 20,211,69
1T34	scu-rbt TDLo:6 ug/kg (1-3D preg)	FESTAS 20,211,69
1T24	scu-rbt TDLo:1500 ug/kg (3D pre)	AJOGAH 117,167,73
1T29	ims-rbt TDLo:5 ug/kg (1-3D preg)	FESTAS 10,155,59
2T24T34	unk-rbt TDLo:50 ug/kg (1-25D preg)	CCPTAY 2,85,70
2T24T26	orl-ham TDLo:2250 ug/kg (1-9D preg)	CCPTAY 3,347,71
1T13	orl-ham TDLo:70 ug/kg (7D pre)	CCPTAY 3,347,71
1T29	scu-ham TDLo:2 mg/kg (1D preg)	ENDOAO 76,1213,65
1T02	imp-ham TDLo:160 mg/kg (45W male)	ENDOAO 57,255,55
1T72	orl-mam TDLo:1038 ug/kg (30D pre/1-53D preg)	FEPRA7 15,575,56
1T53	scu-mam TDLo:62 ug/kg (20-26D preg)	TJADAB 27,28A,83

TUMORIGENIC DATA AND REFERENCES:

2V01T64	orl-wmn TDLo:7655 ug/kg/4Y-C	BJOGAS 82,417,75
3V01T65T69	orl-wmn TDLo:21 mg/kg (13-15W preg)	AJOGAH 137,220,80
3V01J60L60	unk-man TDLo:184 mg/kg/12Y-C	JAMAAP 240,1510,78
2V01R60	mul-man TDLo:25 mg/kg/2Y-C	UROTAQ 19,180,52
2V01L60	orl-rat TDLo:103 gm/kg/2Y-C	AEHLAU 19,489,69
3V02T65R60	scu-rat TDLo:6 ug/kg (15-18D preg)	JTEHD6 5,1059,79
3V01N60R60	imp-rat TDLo:20 mg/kg	CNREA8 43,4781,83
3V01R60V15	orl-mus TDLo:263 ug/kg/50W-C	JNCIAM 33,971,64
3V01T65T64	ipr-mus TDLo:1 mg/kg (17D preg)	JJIND8 73,133,84
3V02T65J60	scu-mus TDLo:6 mg/kg (13-18D preg)	LIFSAK 26,1955,80
3V01T65T64	scu-mus TDLo:800 ug/kg (9-16D preg)	CNREA8 40,3988,80
3V03Q30R60	par-mus TDLo:340 mg/kg/34W-I	CNREA8 2,759,42
3V03P61U01	imp-mus TDLo:8 mg/kg	JNCIAM 2,65,41
3V03J61P61	ivg-mus TDLo:5280 ug/kg/44W-I	ANYAA9 75,543,59
3V03V15J61	scu-dog TDLo:17 mg/kg/29W-I	AJEBAK 37,549,59
2V03T63	par-dog TDLo:12 mg/kg/23W-I	AJEBAK 40,139,62
2V01N62	imp-mky TDLo:48 mg/kg	LBASAE 23,493,73
3V03T69M61	orl-gpg TDLo:144 mg/kg/12W-I	RSABAC 25,215,49
2V03T64	imp-gpg TDLo:1080 ug/kg	BSBSAS 8,142,51
2V03T69	orl-ham TDLo:40 mg/kg (15D preg)	CALEDQ 1,139,76
3V02M05M61	scu-ham TDLo:816 mg/kg/1Y-I	PSEBAA 66,195,47
3V01M61N60	imp-ham TDLo:160 mg/kg	BJCAAI 8,451,54
2V01M61	imp-ham TD :160 mg/kg	ZEKBAI 61,1,56
2V02L60	orl-man TD :69 mg/kg/5Y-C	JOURAA 128,1044,82
3V02T65N60	scu-rat TD :1 mg/kg (19D preg)	CALEDQ 6,107,79
2V01R60	imp-rat TD :25 mg/kg	CNREA8 39,773,79
3V02P62R60	scu-mus TD :230 mg/kg/39W-I	ZEKBAI 56,482,49
2V01M61	imp-ham TD :360 mg/kg/12W-I	CNREA8 43,2678,83
2V01M61	imp-ham TD :864 mg/kg/12W-I	CNREA8 43,4638,83
2V02N60	imp-rat TD :60 mg/kg	JJIND8 61,753,78
2V01R60	orl-mus TD :13 mg/kg/53W-C	JNCIAM 40,225,68
3V03R60V15	imp-mus TD :20 mg/kg	JNCIAM 25,1069,60

TOXICITY DATA AND REFERENCES:

1R25	skn-hmn TDLo:60 ug/kg/14D	AIHAAP 20,469,59
	ipr-rat LD50:34 mg/kg	TXAPA9 24,142,73
	orl-mus LDLo:2500 mg/kg	KLWOAZ 18,156,39
	ipr-mus LD50:67 mg/kg	TXAPA9 24,37,73
	scu-mus LDLo:50 mg/kg	KLWOAZ 18,156,39
	ivn-mus LD50:630 mg/kg	ARZNAD 18,666,68

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: COGYAK 16(4),37,73; INTEAG 15(1),7,74; ARVPAX 5,447,65; ACRSAJ 1,173,53; ADCSAJ 13,271,70; ACEDAB 51,671,60; APLMAS 101,1,77; AJDCAI 131,1337,77; ASHRDD 3,309,77; RRCRBU 66,175,79; JSONAU 9,293,77; NEJMAG 285,390,71

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 6,55,74
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 6,55,74
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 21,173,79
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 21,173,79

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4,4'-STILBENEDIOL,2,2'-DIETHYL- see: WJ5600000

WJ5630000 4,4'-STILBENEDIOL, alpha,alpha'-DIETHYL-, (Z)-

UPDT 8402 CAS: 22610-99-7 MW: 268.38 MOLFM: C18-H20-O2

SYN: cis-DES * cis-alpha,alpha'-DIETHYL-4,4'-STILBENEDIOL * cis-DIETHYLSTILBESTEROL * cis-DIETHYLSTILBESTROL * PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHYLENEDIYL)BIS-, (Z)- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	orl-mus TDLo:2400 ug/kg (3D pre)	STEDAM 17,197,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ5680000 4,4'-STILBENEDIOL, alpha,alpha'-DIETHYL-, BIS(DIHYDROGEN PHOSPHATE), (E)-

UPDT 8406 CAS: 522-40-7 MW: 428.34 MOLFM: C18-H22-O8-P2

SYN: DESdp * alpha,alpha'-DIETHYL-(E)-4,4'-STILBENEDIOL BIS(DIHYDROGEN PHOSPHATE) * DIETHYLSTILBESTEROL DIPHOSPHATE * DIETHYLSTILBESTROL DIPHOSPHATE * DIETHYLSTILBESTROL PHOSPHATE * DIETHYLSTILBESTRYL DIPHOSPHATE * FOSFESTROL * HONVAN * PHOSPHESTROL * PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS-, BIS(DIHYDROGEN PHOSPHATE), (E)- * ST52-ASTA * STILBESTROL DIPHOSPHATE * STILPHOSTROL

MUTATION DATA AND REFERENCES:

	cyt-mus-ivn 10 mg/kg	ENMUDM 1,184,79
	cyt-mus-ipr 1 mg/kg	CNJGA8 16,831,74
	dnd-ham:ovr 400 nmol/L	ENMUDM 1,163,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:48 mg/kg (6D male)	OYYAA2 20,1141,80
1T33	ipr-mus TDLo:400 mg/kg (6D preg)	TJADAB 9,229,74

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ5700000 4,4'-STILBENEDIOL, alpha,alpha'-DIETHYL-, DIPALMITATE

UPDT 8401 CAS: 63019-08-9 MW: 745.30 MOLFM: C50-H80-O4

SYN: DIETHYLSTILBESTROL DIPALMITATE * 4,4'-DIHYDROXY-alpha,beta-DIETHYLSTILBENE PALMITATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	scu-rat TDLo:535 ug/kg (5D male)	ENDOAO 60,519,57

TUMORIGENIC DATA AND REFERENCES:

2V03T64	ims-rbt TDLo:38 mg/kg/45W-I	CANCAR 10,500,57

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ5775000 4,4'-STILBENEDIOL, alpha,alpha'-DIETHYL-, DIPROPIONATE, (E)-

UPDT 8408 CAS: 130-80-3 MW: 380.52 MOLFM: C24-H28-O4

SYN: CLINESTROL * CYREN B * DESD * DIBESTIL * trans-4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BISPHENOL DIPROPIONATE * alpha,alpha'-DIETHYL-4,4'-STILBENEDIOL DIPROPIONATE * alpha,alpha'-DIETHYL-4,4'-STILBENEDIOL trans DIPROPIONATE * trans-alpha,alpha'-DIETHYL-4,4'-STILBENEDIOL DIPROPIONATE * DIETHYLSTILBENE DIPROPIONATE * alpha,alpha'-DIETHYL-4,4'-STILBENEDIOL DIPROPIONYL ESTER * DIETHYLSTILBESTEROL DIPROPIONATE * DIETHYLSTILBESTROL DIPROPIONATE * DIETHYLSTILBESTROL PROPIONATE * DIHYDROXYDIETHYLSTILBENE DIPROPIONATE * 4,4'-DIHYDROXY-alpha,beta-DIETHYLSTILBENE DIPROPIONATE * DIPROPIONATO de ESTILBENE (Spanish) * p,p'-DIPROPIONOXY-trans-alpha,beta-DIETHYLSTILBENE * DISTILBENE * ESTILBEN * ESTILBIN * ESTROBEN * ESTROBEN DP * ESTROBENE * ESTROBENE DP * ESTROGENIN * ESTROSTILBEN * EUVESTIN * GYNOLETT * HORFEMINE * NEO-OESTRANOL II * NEO-OESTRONOL II * NEW OESTRANOL II * OESTROGYNAEDRON * ORESTOL * PABESTROL * PABESTROL D * SINCICLAN * 4,4'-STILBENEDIOL, alpha,alpha'-DIETHYL-, DIPROPIONATE, trans- * STILBESTROL, DIETHYL DIPROPIONATE * STILBESTROL DIPROPIONATE * STILBESTROL PROPIONATE * STILBESTRONATE * STILBOESTROL * STILBOESTROL DIPROPIONATE * STILBOESTROL DP * STILBOFAX * STILRONATE * SYNESTRIN * SYNOESTRON * SYNTESTRIN * SYNTESTRINE * WILLESTROL

MUTATION DATA AND REFERENCES:

	sln-smc 100 mg/L	EVHPAZ 31,97,79
	cyt-hmn:lym 1300 nmol/L	TGANAK 16(2),24,82
	sce-hmn:lym 1300 nmol/L	TGANAK 16(2),24,82
	cyt-ham:fbr 5 mg/L	CRNGDP 3,499,82
	sce-ham:fbr 5 mg/L	CRNGDP 3,499,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T27	orl-rat TDLo:60 ug/kg (3-4D preg)	APTSAI 26(Suppl 1),1,68
1T13	ipr-rat TDLo:500 ug/kg (5D pre)	IJMRAQ 60,237,72
1T22	scu-rat TDLo:70 ug/kg (28D pre)	APTSAI 26(Suppl 1),1,68
1T27	orl-mus TDLo:20 ug/kg (3-4D preg)	APTSAI 26(Suppl 1),1,68
1T43	unk-mus TDLo:200 ug/kg (13D preg)	CRSBAW 164,2372,70
1T29	scu-ctl TDLo:200 ng/kg (1D pre)	JRPFA4 18,359,69

TUMORIGENIC DATA AND REFERENCES:

3V03N60N03	scu-rat TDLo:80 mg/kg	HMMRA2 7,228,75
2V03N60	imp-rat TDLo:113 mg/kg	EJCAAH 5,99,69
2V03T69	imp-gpg TDLo:5 mg/kg	RSABAC 25,215,49
2V03M61	scu-ham TDLo:160 mg/kg	BECCAN 30,60,52
3V02L60M60	scu-frg TDLo:133 mg/kg/32W-I	BEXBAN 81,898,76

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:HUMAN POSITIVE	IARC** 21,173,79
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 21,173,79

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4,4'-STILBENEDIOL, alpha,alpha'-DIETHYL-, DIPROPIONATE, trans- see: WJ5775000

WJ5840000 4,4'-STILBENEDIOL, alpha,alpha'-DIETHYL-3,3',5,5'-TETRAFLUORO-, (E)-

UPDT 8403 MW: 340.34 MOLFM: C18-H16-F4-O2

SYN: trans-alpha,alpha'-DIETHYL-3,3',5,5'-TETRAFLUORO-4,4'-STILBENEDIOL * 3,5,3',5'-TETRAFLUORODIETHYLSTILBESTROL

MUTATION DATA AND REFERENCES:

	otr-ham:emb 10 ug/L	CNREA8 42,3040,82
	dns-ham:emb 1 mg/L	CNREA8 44,184,84

TUMORIGENIC DATA AND REFERENCES:

2V01M61	imp-ham TDLo:360 mg/kg/12W-I	CNREA8 43,2678,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ5845000 4,4'-STILBENEDIOL, alpha,alpha'-DIETHYL-3,3',5,5'-TETRAMETHYL-

UPDT 8412 MW: 324.50 MOLFM: C22-H28-O2

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	scu-mus TDLo:36 mg/kg (3D pre)	JPPMAB 23,339,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ5850000 4,4'-STILBENEDIOL, alpha,alpha'-DIMETHYL-, (E)-

UPDT 8405 CAS: 552-80-7 MW: 240.32 MOLFM: C16-H16-O2

SYN: DIMETHYLSTILBESTROL * DIMETHYLSTILBOESTROL * DMS * PHENOL, 4,4'-(1,2-DIMETHYL-1,2-ETHENEDIYL)BIS-, (E)- (9CI)

MUTATION DATA AND REFERENCES:

	otr-ham:emb 10 mg/L	CNREA8 42,3040,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	orl-rat TDLo:1210 ug/kg (1D pre)	ACENA7 49,83,65
1T22	orl-rat TDLo:2250 ug/kg (4-6D preg)	ACENA7 49,83,65
1T24	scu-rat TDLo:20 mg/kg (4D preg)	JRPFA4 3,239,62
1T13	scu-rat TDLo:3200 ug/kg (1D pre)	ACENA7 49,83,65
1T29	orl-mus TDLo:3840 ug/kg (4-6D preg)	JOENAK 20,299,60
1T13	orl-mus TDLo:5120 ug/kg (1D pre)	ACENA7 49,83,65
3T22T24T26	scu-mus TDLo:7680 ug/kg (4-6D preg)	JRPFA4 5,239,63
1T29	scu-mus TDLo:8 mg/kg (3D preg)	JOENAK 29,137,64
1T13	scu-mus TDLo:7680 ug/kg (4-6D preg)	JRPFA4 5,239,63
1T22	scu-mus TDLo:3600 ug/kg (4-6D preg)	JRPFA4 9,277,65
1T13	scu-mus TDLo:1920 ug/kg (1D pre)	ACENA7 49,83,65
2T26T29	par-mus TDLo:3840 ug/kg (4-6D preg)	JOENAK 20,299,60
1T24	par-mus TDLo:48 mg/kg (1-3D preg)	JRPFA4 16,201,68
1T24	scu-rbt TDLo:37500 ug/kg (7-9D preg)	JRPFA4 3,246,62

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ5905000 4,4'-STILBENEDIOL, alpha-ETHYL-
UPDT:8303 MW: 240.32 MOLFM: C16-H16-O2
SYN: EHS * alpha-ETHYL-4,4'-STILBENEDIOL * ETHYLSTILBESTROL * ETHYLSTILBOESTROL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:8400 ug/kg (4-6D preg) JRPFA4 9,277,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ5908000 4,4'-STILBENEDIOL, alpha-PHENYL-3,3',5,5'-TETRAMETHYL-
UPDT:8412 MW: 344.48 MOLFM: C24-H24-O2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:80 mg/kg (4D pre) BJPCBM 57,487,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ5908500 4,4'-STILBENEDIOL, alpha-PROPYL-
UPDT:8303 MW: 254.35 MOLFM: C17-H18-O2
SYN: PHS * alpha-PROPYL-4,4'-STILBENEDIOL * PROPYLSTILBESTROL * PROPYLSTILBOESTROL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:8400 ug/kg (4-6D preg) JRPFA4 9,277,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WJ6475000 2,2'-STILBENEDISULFONIC ACID, 4,4'-BIS(s-TRIAZIN-2-YLAMINO)-, DISODIUM SALT
UPDT:8407 CAS: 17263-59-1 MW: 574.54 MOLFM: C20-H16-N8-O6-S2 2Na
SYN: DI-SODIUM SALT of 4,4'-BIS(1,3,5-TRIAZIN-6-YLAMINO)STILBEN-2,2'-DISULFONIC ACID
TOXICITY DATA AND REFERENCES:
par-mus LD50:2600 mg/kg SKEZAP 1,69,60

WJ6600000 2,2'-STILBENEDISULFONIC ACID, 4-CHLORO-4'-(6-SULFO-2H-NAPHTHO(1,2-d)TRIAZOL-2-YL)-, TRISODIUM SALT
UPDT:8407 CAS: 73926-94-0 MW: 688.00 MOLFM: C24-H13-Cl-N3-O9-S3 3Na
SYN: 2-(4''-CHLOR-4'-STILBYL)NAFTOTRIAZOL-6,2',2''-TRISULFONAN SODNY (Czech)
IRRITATION DATA AND REFERENCES:
eye-rbt 5 mg/24H SEV 28ZPAK -,250,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:20 gm/kg 28ZPAK -,250,72

WJ6603000 2,2'-STILBENEDISULFONIC ACID, 4,4'-DIAMINO-
UPDT:8412 CAS: 81-11-8 MW: 370.42 MOLFM: C14-H14-N2-O6-S2
SYN: AMSONIC ACID * BENZENESULFONIC ACID, 2,2'-(1,2-ETHYLENEDIYL)BIS(5-AMINO- (9CI) * DASD * 4,4'-DIAMINO-2,2'-STILBENEDISULFONIC ACID * 2,2'-(1,2-ETHYLENEDIYL)BIS(5-AMINOBENZENESULFONIC ACID) * FLAVONIC ACID * NCI-C60162 * TINOPAL BHS
TOXICITY DATA AND REFERENCES:
2L14M12 orl-gpg LD50:47 gm/kg GISAAA 45(3),73,80
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

WJ6650000 STILBENE, alpha-ETHYL-alpha'-s-BUTYL-
UPDT:8401 CAS: 63019-12-5 MW: 264.44 MOLFM: C20-H24
SYN: BENZENE, 1,1'-(1-ETHYL-2-(1-METHYLPROPYL)-1,2-ETHENEDIYL)BIS- * alpha-ETHYL-beta-s-BUTYL-STILBENE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:1250 mg/kg/52W-I NATUAS 148,142,41
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STILBENE, 3'-FLUORO-4-METHOXY-alpha-PHENYL- see: KW2666400
STILBENE, 3'-FLUORO-alpha-PHENYL- see: KW2050000

WJ6700000 STILBENE, HEXANITRO-
UPDT:8312
SYN: HEXANITROSTILBENE * HEXANITROSTILBENE (DOT) * UN 0392 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83

WJ6950000 STILBENE, 4-NITRO-
UPDT:8401 CAS: 4003-94-5 MW: 225.26 MOLFM: C14-H11-N-O2
SYN: 4-NITROSTILBEN (German) * 4-NITROSTILBENE
MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate CBINA8 26,11,79
mma-sat 5 ug/plate CBINA8 26,11,79
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:2700 mg/kg/57W-C NATWAY 42,128,55
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STILBENE YELLOW G see: GD0197800
STILBENE YELLOW GA-CF see: GD0197800
STILBENE YELLOW GCB see: GD0197800
STILBENE YELLOW GX see: GD0197800
STILBENE YELLOW TK see: GD0197800
STILBENE YELLOW TP see: GD0197800

WJ6968000 4-STILBENOL, 4'-(BENZYLOXY)-alpha,alpha'-DIETHYL-
UPDT:8302 CAS: 6202-26-2 MW: 358.51 MOLFM: C25-H26-O2
SYN: 4'-(BENZYLOXY)-alpha,alpha'-DIETHYL-4-STILBENOL * trans-4-(1-ETHYL-2-(4-(PHENYLMETHOXY)PHENYL)-1-BUTENYL)PHENOL * HYPANTIN * MONOZOL * PHENOL, 4-(1-ETHYL-2-(4-(PHENYLMETHOXY)PHENYL)-1-BUTENYL)-, (E)- (9CI) * PITUITROPE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-rat TDLo:3500 ug/kg (35D pre) RPHRA6 20,395,64
1T13 unk-rat TDLo:3 mg/kg (30D pre) RPHRA6 20,395,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4-STILBENYL-N,N-DIETHYLAMINE see: WJ3825000
STILBENYL-N,N-DIMETHYLAMINE see: WJ3850000
STILBESTROL see: WJ5600000
STILBESTROL, DIETHYL- see: WJ5600000
STILBESTROL, DIETHYL DIPROPIONATE see: WJ5775000
STILBESTROL, DIHYDRO- see: SL0560850
STILBESTROL DIMETHYL ETHER see: WJ5400000
STILBESTROL DIPHOSPHATE see: WJ5680000
STILBESTROL DIPROPIONATE see: WJ5775000
STILBESTROL and NORLUTIN see: RC8997000
STILBESTROL and PRANONE see: TU5570260
STILBESTROL PROPIONATE see: WJ5775000
STILBESTRONATE see: WJ5775000
STILBETIN see: WJ5600000
STILBIOCINA see: CU9080000
STILBOEFRAL see: WJ5600000
STILBOESTROFORM see: WJ5600000
STILBOESTROL see: WJ5600000
STILBOESTROL see: WJ5775000
STILBOESTROL DIPROPIONATE see: WJ5775000
STILBOESTROL DP see: WJ5775000
STILBOFAX see: WJ5775000
STILBOFOLLIN see: WJ5600000
STILBOL see: WJ5600000
STILBRON see: YM3500000
STILCICLINA see: QI9100000
STILKAP see: WJ5600000
STILLCARDIOL see: XF8225000
STILLOMYCIN see: AU7350000
STILNY see: DF1750000
STILON see: TQ9800000
STILPHOSTROL see: WJ5680000
STIL-ROL see: WJ5600000
STILRONATE see: WJ5775000
STIMDEX see: SH5075000
STIMINOL see: QS4375000
STIMUL see: RQ2975000
STIMULAN see: SI1750000
STIMULEX see: SH5075000
STIMULEX see: SH4900000
STIMULEXIN see: UY5770000
STIMULIN see: QS4375000
STINERVAL see: MV8400000
STINERVAL see: MV8750000
STINK DAMP see: MX1225000
STIPINE see: AZ5820000
STIPITATIC ACID see: GU3825530 1,3,6-CYCLOHEPTATRIENE-1-CARBOXYLIC ACID, 3,6-DIHYDROXY-5-OXO-
STIPOLAC see: SM8400000
STIPTANON see: KG8225000
STIRAMATO see: KI2625000
STIRIPENTOL see: SB3393000
STIROFOS see: TB9100000
STIROLO (Italian) see: WL3675000
STIROPHOS see: TB9100000
ST. JOHN'S BREAD see: OJ8690000
STOCKADE see: GZ1250000

WJ8911000 STOCKTRINE
DEF:A mixed COPPER ETHANOLAMINE complex (FMCHA2 -,C221,83)
UPDT:8309
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:600 mg/kg FMCHA2 -,C221,83

STODDARD SOLVENT see: SE7555000

WJ8925000 STODDARD SOLVENT
UPDT:8404 CAS: 8052-41-3
IRRITATION DATA AND REFERENCES:
eye-hmn 470 ppm/15M TXAPA9 32,282,75
TOXICITY DATA AND REFERENCES:
ihl-cat LCLo:10 gm/m3/2.5H TXAPA9 32,282,75
REVIEW AND REFERENCES:
★ TLV-TWA 100 ppm; STEL 200 ppm DTLVS* 4,372,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ppm (SCP-G) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO REF PETR SOLV recm std-air:TWA 350 mg/m3;CL 1800 mg/m3/15M NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed' see: METHOD 1550
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0283-0471 S

STOICHACTIS HELIANTHUS TOXIN see: XW5876000
STOIKON see: DD2800000
STOMACAIN see: AC3325000
STOMOLOPHUS MELEAGRIS VENOM see: YX4181960
STOMP see: BX5470000
STOMP 330D see: BX5470000
STOMP 330E see: BX5470000
STONE RED see: NO7400000
STOPAETHYL see: JO1225000
STOP-DROP see: QJ0875000
STOPETHYL see: JO1225000
STOPETYL see: JO1225000
STOPGERME-S see: FD8050000
STOPMOLD B see: DV7700000
STOP-SCALD see: VB8225000
STOPSPOT see: OW1400000
STOPTON ALBUM see: WO8400000
STORINAL see: KG7885000
ST 30UL see: WL6475000
STOVAINE see: EL2800000
STOVAINE HYDROCHLORIDE see: EL2850000
STOVARSAL see: CF8400000
STOVARSOL see: CF8400000
STOVARSOLAN see: CF8400000
STOVINE see: EL2800000
STOXIL see: YU7700000
ST 1 (POLYMER) see: TR0400000
STPP see: YK4900000
STR see: LZ5775000
STRAIGHT-CHAIN ALKYL BENZENE SULFONATE see: DB4550000
STRAIGHT ORANGE G see: QJ6500000
STRAMID see: WO8400000
STRAMINOL see: BO7525000
STRATHION see: TF4550000
STRAWBERRY ALDEHYDE see: MW5250000
STRAWBERRY RED A GEIGY see: QJ6530000
STRAZINE see: XY5600000

WK1250000 STREBLUS ASPER Lour., extract excluding roots
DEF:Indian plant belonging to the family MORACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: SHEORA EXTRACT
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:500 mg/kg IJEBA6 7,250,69

STREL see: UE4900000
STREPAMIDE see: WO8400000
STREPCEN see: WK4375000
STREPCIN see: WK4990000
STREP-GRAN see: WK4990000
STREPSAN see: WO8400000
STREPSULFAT see: WK4990000
STREPTAGOL see: WO8400000
STREPTAMID see: WO8400000

WK1955000 D-STREPTAMINE, O-3-AMINO-3-DEOXY-alpha-D-GLUCOPYRANOSYL-(1-6)-O-(6-AMINO-6-DEOXY-alpha-D- GLUCOPYRANOSYL-(1,4))-N(sup 1)-(4-AMINO-2-HYDROXY-1-OXOBUTYL)-2-DEOXY-, (S)-
UPDT:8403 CAS: 37517-28-5 MW: 58[illegible].70 MOLFM: C22-H43-N5-O13

SYN: AMIKACIN * 1-N-(L-(-)-4-AMINO-2-HYDROXYBUTYRYL)KANAMYCIN A * ANTIBIOTIC BB-K 8 * BB-K 8

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T35T45	ims-rbt TDLo:90 mg/kg (8-16D preg)	JJANAX 28,366,75

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:750 mg/kg	AMACCQ 13,41,78
	scu-mus LD50:6200 mg/kg	JJANAX 28,415,75
*	ivn-mus LD50:300 mg/kg	JANTAJ 27,677,74

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WK1961200 D-STREPTAMINE, 0-3-AMINO-3-DEOXY-alpha-D-GLUCOPYRANOSYL-(1-6)-0-(6-AMINO-6-DEOXY-alpha-D- GLUCOPYRANOSYL-(1-4)-N(sup 1)-(4-AMINO-2-HYDROXY-1-OXOBUTYL)-2-DEOXY-, (S)-, SULFATE (1:2) (SALT)

UPDT:8403 CAS: 39831-55-5 MW: 781.86 MOLFM: C22-H43-N5-O13 2H2-O4-S
SYN: ANTIBIOTIC BB-K8 SULFATE * AMIKACIN SULFATE * AMIKIN * AMIKLIN * BB-K8 * BIKLIN * FABIANOL * NOVAMIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T34T46T55	scu-rat TDLo:2800 mg/kg (8-14D preg)	JJANAX 28,372,75
2T35T81	scu-rat TDLo:175 mg/kg (8-14D preg)	JJANAX 28,372,75
1T26	scu-rat TDLo:700 mg/kg (8-14D preg)	JJANAX 28,372,75
2T34T46	scu-mus TDLo:175 mg/kg (7-13D preg)	JJANAX 28,372,75
1T81	scu-mus TDLo:700 mg/kg (7-13D preg)	JJANAX 28,372,75

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:3500 mg/kg	JJANAX 28,415,75
	ivn-rat LD50:320 mg/kg	JJANAX 28,415,75
	ipr-mus LD50:2930 mg/kg	JJANAX 28,415,75
	scu-mus LD50:3250 mg/kg	JJANAX 28,415,75
	ivn-mus LD50:340 mg/kg	JJANAX 28,415,75
*	ivn-dog LD50:530 mg/kg	JJANAX 35,2048,82
*	ivn-rbt LD50:510 mg/kg	JJANAX 35,2048,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WK1962000 D-STREPTAMINE, 0-3-AMINO-3-DEOXY-alpha-D-GLUCOPYRANOSYL-(1-6)-o-(6-AMINO-6-DEOXY-alpha- D-GLUCOPYRANOSYL-(1-4))-2-DEOXY-

UPDT:8405 CAS: 59-01-8 MW: 484.58 MOLFM: C18-H36-N4-O11
SYN: CANTREX * 4,6-DIAMINO-2-HYDROXY-1,3-CYCLOHEXANE 3,6'DIAMINO-3,6'-DIDEOXYDI-alpha-D-GLUCOSIDE * GLUCOPYRANOSIDE, 4,6-DIAMINO-2-HYDROXY-1,3-CYCLOHEXYLENE 3,6'-DIAMINO-3,6'-DIDEOXYDI-, D- * KANAMICINA (Italian) * KANAMYCIN * KANAMYCIN A * KANAMYTREX * KANTREX * KM * KM (the ANTIBIOTIC)

MUTATION DATA AND REFERENCES:

	dnr-bcs 27 ug/L	WATRAG 14,1613,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	scu-rat TDLo:3600 mg/kg (1-12D preg)	ANTBAL 13,344,68
1T35	scu-rat TDLo:3600 mg/kg (12-20D preg)	ANTBAL 13,344,68

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:2283 mg/kg	NKRZAZ 29(Suppl 2),137,81
	scu-rat LD50:1700 mg/kg	ARZNAD 12,597,62
*	ivn-rat LD50:437 mg/kg	NKRZAZ 29(Suppl 2),137,81
*	orl-mus LD50:20500 mg/kg	NKRZAZ 29(Suppl 2),137,81
*	ipr-mus LD50:1125 mg/kg	AACHAX -,341,67
*	scu-mus LD50:1350 mg/kg	AACHAX -,341,67
*	ivn-mus LD50:225 mg/kg	AACHAX -,341,67
*	ims-mus LD50:54 mg/kg	BCFAAI 98,224,59
*	ivn-rbt LD50:150 mg/kg	85ERAY 1,690,78

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CLANA4 10(pt.1),283,73; MMWOAU 115(39),1661,73; INTEAG 15(1),7,74; ARVPAX 5,447,65; AJMEAZ 38,409,65

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WK1969100 STREPTAMINE, 0-2-AMINO-2-DEOXY-alpha-D-GLUCOPYRANOSYL-(1-4)-0-3-AMINO-3-DEOXY-alpha-D- GLUCOPYRANOSYL-(1-6)-N(sup 1),N(sup 3)-DIACETYL-

UPDT:8403 MW: 525.64 MOLFM: C20-H39-N5-O11
SYN: NK-1013-2

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:800 mg/kg	85GDA2 1,163,80

WK1970000 D-STREPTAMINE, 0-4-AMINO-4-DEOXY-alpha-D-GLUCOPYRANOSYL-(1-8)-0-(8R)-2-AMINO-2,3,7-TRIDEOXY- 7-(METHYLAMINO)-D-glycero-alpha-D-allo-OCTADIALDO-1,5:8,4-DIPYRANOSYL-(1-4)-2-DEOXY

UPDT:8405 CAS: 37321-09-8 MW: 543.71 MOLFM: C21-H45-N5-O11
SYN: AMBYLAN * APRALAN * APRAMYCIN * EL 857 * EL-857/820 * NEBRAMYCIN FACTOR 2 * NEBRAMYCIN II

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:280 mg/kg	38KLAC -,239,77

WK1973200 D-STREPTAMINE, 0-6-AMINO-6-DEOXY-alpha-D-GLUCOPYRANOSYL-(1-4)-0-(3-DEOXY-4-C-METHYL- 3-(METHYLAMINO)-beta-L-ARABINOPYRANOSYL-(1-6))-N(sup 1)-(3-AMINO-2-HYDROXY-1-OXOPROPYL)- 2-DEOXY-, (S)-, SULFATE (salt)

UPDT:8308 CAS: 67814-76-0 MW: 667.78 MOLFM: C22-H43-N5-O12 H2-O4-S
SYN: SCH 21420 SULFATE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:5861 mg/kg	JANTAJ 31,688,78
*	scu-mus LD50:5861 mg/kg	JANTAJ 31,688,78
*	ivn-mus LD50:387 mg/kg	JANTAJ 31,688,78

WK1985000 D-STREPTAMINE, 0-3-AMINO-3-DEOXY-alpha-D-GLUCOPYRANOSYL-(1-6)-0-(2,6-DIAMINO-2,3,4,6- TETRADEOXY-alpha-D-erythro-HEXOPYRANOSYL)-(1-4)-2-DEOXY-

UPDT:8408 CAS: 34493-98-6 MW: 451.60 MOLFM: C18-H37-N5-O8
SYN: DEBECACIN * DIBEKACIN * DIDEOXYKANAMYCIN B * 3',4'-DIDEOXYKANAMYCIN B * DKB * ORBICIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	ims-rat TDLo:900 mg/kg (10-15D preg)	JJANAX 26,40,73
2T76T81	ims-rat TDLo:2400 mg/kg (10-21D preg)	JJANAX 26,40,73
1T81	ims-rat TDLo:1200 mg/kg (10-15D preg)	JJANAX 26,40,73
1T81	ipr-mus TDLo:1200 mg/kg (8-19D preg)	JJANAX 26,40,73
1T76	ipr-mus TDLo:3600 mg/kg (8-19D preg)	JJANAX 26,40,73
1T34	ipr-mus TDLo:2400 mg/kg (8-13D preg)	JJANAX 26,40,73
1T46	ims-mus TDLo:1500 mg/kg (8-13D preg)	JJANAX 26,40,73
1T81	ims-mus TDLo:600 mg/kg (8-13D preg)	JJANAX 26,40,73

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:16760 ug/kg	IYKEDH 6,119,75
*	scu-rat LD50:23870 ug/kg	IYKEDH 6,119,75
*	ivn-rat LD50:12510 ug/kg	IYKEDH 6,119,75
*	orl-mus LD50:763 mg/kg	IYKEDH 6,119,75
*	ipr-mus LD50:11960 ug/kg	IYKEDH 6,119,75
*	scu-mus LD50:15980 ug/kg	IYKEDH 6,119,75
*	ivn-mus LD50:8950 ug/kg	IYKEDH 6,119,75
*	ims-mus LD50:373 mg/kg	JOPHDQ 4,356,81

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WK2100000 STREPTAMINE, 0-3-AMINO-3-DEOXY-alpha-D-GLUCOPYRANOSYL-(1-4)-0-(2,6-DIAMINO-2,3,6- TRIDEOXY-alpha-D-RIBOHEXOPYRANOSYL-(1-6)-2-DEOXY-, D-

UPDT:8403 CAS: 32986-56-4 MW: 467.60 MOLFM: C18-H37-N5-O9
SYN: DISTOBRAM * GERNEBCIN * NEBRAMYCIN FACTOR 6 * NF 6 * OBRAMYCIN * TOBRADISTIN * TOBRAMYCIN * TOBREX

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	ims-rat TDLo:150 mg/kg (9-14D preg)	NKRZAZ 23,1544,75
1T35	ims-mus TDLo:600 mg/kg (7-12D preg)	NKRZAZ 23,1544,75
1T46	ims-mus TDLo:150 mg/kg (7-12D preg)	NKRZAZ 23,1544,75

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:1030 mg/kg	JIMRBV 2,100,74
	scu-rat LD50:969 mg/kg	TXAPA9 22,332,72
*	ivn-rat LD50:104 mg/kg	JIMRBV 2,100,74
*	ims-rat LD50:913 mg/kg	IYKEDH 8,107,77
*	ipr-mus LD50:445 mg/kg	JIMRBV 2,100,74
	scu-mus LD50:367 mg/kg	TXAPA9 25,398,73
*	ivn-mus LD50:79 mg/kg	JANTAJ 27,677,74
*	ims-mus LD50:456 mg/kg	IYKEDH 8,107,77
	scu-pig LD50:676 mg/kg	TXAPA9 25,398,73

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WK2110000 STREPTAMINE, 0-3-AMINO-3-DEOXY-alpha-D-GLUCOPYRANOSYL-(1-6)-0-(2,6-DIAMINO-2,3,6-TRIDEOXY- (alpha-D-RIBOHEXOPYRANOSYL-(1-4))-2-DEOXY , D-, SULFATE (salt)

UPDT:8402 CAS: 49842-07-1 MW: 1154.16 MOLFM: C18-H37-N5-O9 xH2-O4-S
SYN: NEBCIN * OBRACINE * TOBRA * TOBRAMYCIN SULPHATE

TOXICITY DATA AND REFERENCES:

2F03F08	ivn-wmn LDLo:15 mg/kg/5D-I	JAMAAP 247,1319,82
	scu-rat LD50:1680 mg/kg	ANTBAL 24,67,79
	ivn-rat LD50:126 mg/kg	ANTBAL 24,67,79
	ipr-mus LD50:262 mg/kg	ANTBAL 24,67,79
	scu-mus LD50:560 mg/kg	ANTBAL 24,67,79
	ivn-mus LD50:77 mg/kg	ANTBAL 24,67,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WK2129900 D-STREPTAMINE, 0-6-AMINO-6-DEOXY-L-glycero-D-galacto-HEPTOPYRANOSYLIDENE-(1-2-3)-0-beta- D-TALOPYRANOSYL-(1-5)-2-DEOXY-N(sup 1)-METHYL-

UPDT:8403 CAS: 14918-35-5 MW: 527.60 MOLFM: C20-H37-N3-O13
SYN: DESTOMYCIN A * DESTONATE 20

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:50 mg/kg	MEIEDD 10,424,83
*	ivn-mus LD50:5 mg/kg	38KLAC -,239,77

WK2180000 D-STREPTAMINE, 0-2-AMINO-6-(METHYLAMINO)-2,3,4,6-TETRADEOXY-alpha-D-erythro-HEXOPYRANOSYL- (1-4)-0-(3-DEOXY-4-C-METHYL-3-(METHYLAMINO)-beta-L-ARABINOPYRANOSYL-(1-6))-2-DEOXY-

UPDT:8405 CAS: 52093-21-7 MW: 463.66 MOLFM: C20-H41-N5-O7
SYN: ANTIBIOTIC KW 1062 * ANTIBIOTIC XK 62-2 * GENTAMICIN C2b * GENTAMICIN C(sub 2b) * KW-1062 * 6'-N-METHYLGENTAMICIN C(sub 1a) * SAGAMICIN * SAGAMICIN (OBS.) * XK-62-2

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	unk-rat TDLo:2250 mg/kg (8-17D preg)	JJANAX 30,432,77
1T81	unk-rat TDLo:3250 mg/kg (19-22D preg/21D post)	JJANAX 30,432,77
1T75	unk-rat TDLo:5625 mg/kg (19-22D preg/21D post)	JJANAX 30,432,77
1T34	unk-mus TDLo:675 mg/kg (7-15D preg)	JJANAX 30,432,77
1T26	unk-rbt TDLo:650 mg/kg (6-18D preg)	JJANAX 30,432,77

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:699 mg/kg	JJANAX 30,407,77
	scu-rat LD50:1223 mg/kg	JJANAX 30,407,77
	ivn-rat LD50:104 mg/kg	JJANAX 30,407,77
	ims-rat LD50:625 mg/kg	JJANAX 30,407,77
	orl-mus LD50:15600 mg/kg	JJANAX 30,407,77
	ipr-mus LD50:274 mg/kg	JJANAX 30,407,77
	scu-mus LD50:350 mg/kg	JJANAX 30,407,77
	ivn-mus LD50:75 mg/kg	JJANAX 30,407,77
	ims-mus LD50:245 mg/kg	JJANAX 30,407,77
	ims-dog LD50:459 mg/kg	JJANAX 30,407,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WK2195500 D-STREPTAMINE, 0-2-AMINO-2,3,4,6-TETRADEOXY-6-(METHYLAMINO)-alpha-D-erythro-HEXOPYRANOSYL- (1-4)-0-(3-DEOXY-4-C-METHYL-3-(METHYLAMINO)-beta-L-ARABINOPYRANOSYL-(1-6))-2-DEOXY-

UPDT:8403 MW: 463.66 MOLFM: C20-H41-N5-O7
SYN: MICRONOMICIN * MICRONOMYCIN

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:799 mg/kg	IYKEDH 13,349,82
*	scu-rat LD50:1223 mg/kg	IYKEDH 13,349,82
*	ivn-rat LD50:104 mg/kg	IYKEDH 13,349,82
*	ims-rat LD50:625 mg/kg	IYKEDH 13,349,82
*	orl-mus LD50:15600 mg/kg	IYKEDH 13,349,82
*	ipr-mus LD50:273 mg/kg	IYKEDH 13,349,82
*	scu-mus LD50:350 mg/kg	IYKEDH 13,349,82
*	ims-mus LD50:262 mg/kg	IYKEDH 13,349,82

WK2196000 STREPTAMINE, 0-2-AMINO-2,3,4,6-TETRADEOXY-6-(METHYLAMINO)-alpha-D-erythro-HEXOPYRANOSYL- (1-4)-0-(3-DEOXY-4-C-METHYL-3-(METHYLAMINO)-beta-L-ARABINOPYRANOSYL-(1-6))-2-DEOXY-, SULFATE, D-

UPDT:8303 MW: 559.77 MOLFM: C21-H43-N5-O6 H2-O4-S
SYN: MICRONOMICIN SULFATE

TOXICITY DATA AND REFERENCES:

*	scu-rat LD50:1223 mg/kg	NIIRDN 6,APP-18,82
*	ivn-rat LD50:684 mg/kg	NIIRDN 6,APP-18,82
*	scu-mus LD50:350 mg/kg	NIIRDN 6,APP-18,82
*	ivn-mus LD50:245 mg/kg	NIIRDN 6,APP-18,82
*	ivn-dog LD50:459 mg/kg	NIIRDN 6,APP-18,82

WK2231200 D-STREPTAMINE, 0-2-DEOXY-2-(METHYLAMINO)-alpha-L-GLUCOPYRANOSYL)-(1-2)-0-5-DEOXY-3-C-FORMYL-

UPDT:8405 MW: 966.01 MOLFM: C21-H39-N7-O12 2C8-H6-N3-O3
SYN: ISONICOTINOYL HYDRAZONE-GLYOXYLATE DE STREPTOMYCINE (French)

TOXICITY DATA AND REFERENCES:

	scu-mus LD50:650 mg/kg	CMTRAG 11,63,66

WK2231300 D-STREPTAMINE, 0-2-DEOXY-2-(METHYLAMINO)-alpha-L-GLUCOPYRANOSYL-(1-2)-0-5-DEOXY-3-C-FORMYL- alpha-L-LYXOFURANOSYL-(1-4)-N-AMIDINO-N'-(N-((4-(DIMETHYLAMINO)-1,11-DIOXO-6-METHYL-3,6,10, 12,12a-PENTAHYDROXY-1,4,4a,5,5a,6,11,12a-OCTAHYDRO-2-NAPHTHACENECARBOXAMIDO)METHYL)AMIDINO)-, TRIHYDROCHLORIDE

UPDT:8408 MW: 1146.53 MOLFM: C44-H62-N9-O20 3Cl-H

SYN: TETRACYCLINOMETHYLSTREPTOMYCIN TRIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:227 mg/kg IJEBA6 17,285,79

WK2250000 D-STREPTAMINE, O-2-DEOXY-2-(METHYLAMINO)-alpha-L-GLUCOPYRANOSYL-(1-2)-O-3-C-FORMYL- alpha-L-LYXOFURANOSYL-(1-4)-N,N'-DIAMIDINO-
DEF:Produced by S. RETICULI, S. GRISEOCARNEUS NRRL B 1068, STREPTOMYCES sp. MA-232-MI, and alsoby S. SUBRUTILUS (85ERAY 1,570,78)
UPDT 8403 MW: 597.67 MOLFM: C21-H39-N7-O13
SYN: HYDROXYSTREPTOMYCIN * RETICULIN * STREPTOMYCIN C
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:865 mg/kg 85ERAY 1,570,78
* ivn-mus LD50:154 mg/kg 85ERAY 1,570,78

WK2260000 STREPTAMINE, O-2-DEOXY-2-(METHYLAMINO)-alpha-L-GLUCOPYRANSOYL-(1-2)-O-3-C-FORMYL-beta- L-LYXOFURANOSYL-(1-4)-N,N'-DIAMIDINO-
UPDT 8403 CAS: 28979-71-7 MW: 597.67 MOLFM: C21-H39-N7-O13
SYN: HYDROXYSTREPTOMYCIN
TOXICITY DATA AND REFERENCES:
scu-mus LD50:865 mg/kg 28ZHAU -,466,51

WK2265000 STREPTAMINE, O-2-DEOXY-2-(METHYLAMINO)-alpha-L-GLUCOPYRANOSYL-(1-2)-O-3-C-FORMYL-alpha-L- LYXOFURANOSYL-(1-4)-N,N'-DIAMIDINO-, TRIHYDROCHLORIDE
UPDT 840[illegible] MW: 707.05 MOLFM: C21-H39-N7-O13 3Cl-H
SYN: HYDROXYSTREPTOMYCIN TRIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F12J30 scu-mus LD50:865 mg/kg PSEBAA 76,466,51

WK2284900 D-STREPTAMINE, O-3-DEOXY-4-C-METHYL-3-(METHYLAMINO)-beta-L-ARABINOPYRANOSYL-(1-6)-O- (2,6-DIAMINO-2,3,4,6-TETRADEOXY-alpha-D-glycero-HEX-4-ENOPYRANOSYL-(1-4)-2-DEOXY-
UPDT 8412 CAS: 32385-11-8 MW: 447.61 MOLFM: C19-H37-N5-O7
SYN: ANTIBIOTIC 66-40 * RICKAMICIN * SCH 13475 * SISOMICIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:221 mg/kg 85GDA2 1,178,80
* scu-mus LD50:288 mg/kg 85GDA2 1,178,80
* ivn-mus LD50:34 mg/kg 38KLAC -,239,77

WK2286000 D-STREPTAMINE, O-3-DEOXY-4-C-METHYL-3-(METHYLAMINO)-beta-L-ARABINOPYRANOSYL-(1-6)-O- (2,b-DIAMINO-2,3,4,6-TETRADEOXY-alpha-D-glycero-HEX-4-ENOPYRANOSYL-(1-4))-2-DEOXY- N(sup 1)-ETHYL-, SULFATE (2:5) (salt)
UPDT 8407 CAS: 56391-57-2 MW: 720.80 MOLFM: C21-H41-N5-O7 .5/2H2-O4-S
SYN: CERTOMYCIN * NETILLIN * NETILMICIN SULFATE * NETROMYCIN * NTL SULFATE * SCH 20569
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T85T86 ims-rat TDLo:138 mg/kg (7-17D preg) JJANAX 35,614,82
2T34T46 ims-rat TDLo:550 mg/kg (7-17D preg) JJANAX 35,614,82
1T76 ims-rat TDLo:650 mg/kg (17-22D preg/21D post) JJANAX 35,643,82
1T34 ims-rbt TDLo:455 mg/kg (6-18D preg) JJANAX 35,659,82
TOXICITY DATA AND REFERENCES:
1C08 ipr-mus LD50:189 mg/kg AMACCQ 10,827,76
1C08 scu-mus LD50:265 mg/kg AMACCQ 10,827,76
1C08 ivn-mus LD50:60613 ug/kg AMACCQ 10,827,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WK2287100 D-STREPTAMINE, O-3-DEOXY-4-C-METHYL-3-(METHYLAMINO)-beta-L-ARABINOPYRANOSYL-(1-6)-O- (2,6-DIAMINO-2,3,4,6-TETRADEOXY-alpha-D-glycero-HEX-4-ENDOPYRANOSYL-(1-4)-2-DEOXY-, HYDROCHLORIDE
UPDT 8305 MW: 484.07 MOLFM: C19-H37-N5-O7 Cl-H
SYN: SISOMICIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:560 mg/kg IYKEDH 12,933,81
* ivn-rat LD50:58 mg/kg IYKEDH 12,933,81
* ims-rat LD50:450 mg/kg IYKEDH 12,933,81
* scu-mus LD50:280 mg/kg IYKEDH 12,933,81
* ivn-mus LD50:37 mg/kg IYKEDH 12,933,81
* ims-mus LD50:280 mg/kg IYKEDH 12,933,81

WK2298500 STREPTAMINE, O-2,6-DIAMINO-2,6-DIDEOXY-alpha-D-GLUCOPYRANOSYL-(1-4)-O-(beta-D-RIBOFURANOSYL- (1-5))-N(sup 1)-(4-AMINO-L-2-HYDROXYBUTYRYL)-2-DEOXY-, (S)-, SULFATE
UPDT 8405 MW: 751.83 MOLFM: C21-H41-N5-O12 2H2-O4-S
SYN: BUTIROSIN B SULFATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:450 mg/kg AMACCQ 2,79,72

WK2300000 STREPTAMINE, O-(2,6-DIAMINO-2,6-DIDEOXY-alpha-D-GLUCOPYRANOSYL-(1-4)-O-(beta-D- RIBOFURANOSYL-(1-5))-2-DEOXY-, SULFATE
UPDT 8403 CAS: 53797-35-6 MW: 1141.11 MOLFM: C17-H34-N4-O10 xH2-O4-S
SYN: LANDAMYCINE * RIBOFLAVINE SULFATE * RIBOMYCINE * RIBOSTAMIN * RIBOSTAMYCIN SULFATE * SF 733 ANTIBIOIC SULFATE * VISTAMYCIN
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:3080 mg/kg 85ESA3 9,1066,76
* scu-rat LD50:5600 mg/kg IYKEDH 4,90,73
* ivn-rat LD50:396 mg/kg 85ESA3 9,1066,76
* ims-rat LD50:2030 mg/kg NIIRDN 6,885,82
* ipr-mus LD50:1981 mg/kg 85ESA3 9,1066,76
* scu-mus LD50:2345 mg/kg IYKEDH 4,90,73
* ivn-mus LD50:210 mg/kg IYKEDH 4,90,73
* ims-mus LD50:1561 mg/kg IYKEDH 4,90,73

WK2301000 D-STREPTAMINE, O-2,6-DIAMINO-2,6-DIDEOXY-alpha-D-GLUCOPYRANOSYL-(1-4)-O-(beta-D- XYLOFURANOSYL-(1-5))-N(sup 1)-(4-AMINOBUTYRYL)-2-DEOXY-
UPDT 8307 MW: 539.67 MOLFM: C21-H41-N5-O11
SYN: Z 1159-5
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:200 mg/kg 85GDA2 1,150,80

WK2301500 STREPTAMINE, O-2,6-DIAMINO-2,6-DIDEOXY-alpha-D-GLUCOPYRANOSYL-(1-4)-O-(beta-D-XYLOFURANOSYL- (1-5))-N(sup 1)-(4-AMINO-L-2-HYDROXYBUTYRYL)-2-DEOXY-, (S)-, SULFATE (salt)
UPDT 8405 CAS: 53448-69-4 MW: 1242.23 MOLFM: C21-H41-N5-O12 xH2-O4-S
SYN: BUTIROSIN A SULFATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:450 mg/kg AMACCQ 2,79,72

WK2315000 STREPTAMINE, O-2,6-DIAMINO-2,6-DIDEOXY-beta-L-IDOPYRANOSYL-(1-3)-O-beta-D-RIBOFURANOSYL- (1-5)-O-(2-AMINO-2-DEOXY-alpha-D-GLUCOPYRANOSYL-(1-4)-2-DEOXY-
UPDT 8408 CAS: 7542-37-2 MW: 615.73 MOLFM: C23-H45-N5-O14
SYN: AMINOSIDIN * AMINOSIDINE * AMINOSIDINE I * AMMINOSIDIN * ANTIBIOTIC 2230D * ANTIBIOTIC SF 767B * ANTIBIOTIC 503-3 * CATENULIN * CRESTOMYCIN * ESTOMYCIN * GABBROMYCIN * HUMATIN * HUMYCIN * HYDROXYMYCIN * MONOMYCIN A * NEOMYCIN E * PARGONYL * PAROMOMYCIN * PAROMOMYCINE * PAROMOMYCIN I * PAUCIMYCIN * QUINTOMYCIN C * R 400 * ZYGOMYCIN A1
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:1010 mg/kg ANTCAO 12,243,62
* ivn-rat LD50:156 mg/kg ACHTA6 9,730,59
* orl-mus LD50:2275 mg/kg 85ERAY 1,674,78
* ipr-mus LD50:930 mg/kg 85FZAT -,332,67
* scu-mus LD50:423 mg/kg ACHTA6 9,730,59
* ivn-mus LD50:90 mg/kg ACHTA6 9,730,59
* ivn-mky LDLo:80 mg/kg ACHTA6 9,730,59
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADCMAZ 3,39,68

WK2320000 STREPTAMINE, O-2,6-DIAMINO-2,6-DIDEOXY-beta-L-IDOPYRANOSYL-(1-3)-O-beta-D-RIBOFURANOSYL- (1-5)-O-(2-AMINO-2-DEOXY-alpha-D-GLUCOPYRANOSYL-(1-4)-2-DEOXY-, SULFATE
UPDT 8406 CAS: 1263-89-4 MW: 1302.29 MOLFM: C23-H45-N5-O14 xH2-O4-S
SYN: AMINOSIDINE SULFATE * AMINOSIDIN SULFATE * AMINOSIDINE SULPHATE * 1600 ANTIBIOTIC * FARMIGLUCIN * FARMINOSIDIN * Fi 5853 * GABBROMICINA * GABBROMYCIN * GABBRORAL * GABBRO[illegible] * HUMATIN * HUMYCIN SULFATE * PARAMICINA * PARICINA * PAROMOMYCIN SULFATE
MUTATION DATA AND REFERENCES:
dnr-esc 30 umol/L MUREAV 89,95,81
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:21620 mg/kg NIIRDN 6,595,82
* ivn-rat LD50:181 mg/kg ANTCAO 9,730,59
* ims-rat LD50:1200 mg/kg NIIRDN 6,595,82
orl-mus LD50:15000 mg/kg 85ESA3 9,913,76
* scu-mus LD50:490 mg/kg ANTCAO 9,730,59
ivn-mus LD50:110 mg/kg 85ESA3 9,913,76
3F07G07J22 ivn-mky LDLo:93 mg/kg ANTCAO 9,730,59

WK2450000 STREPTAMINE, O-beta-D-MANNOPYRANOSYL-(1-4)-2-DEOXY-2-(METHYLAMINO)-alpha-L-GLUCOPYRANOSYL- (1-2)-5-DEOXY-O-3-C-(HYDROXYMETHYL)-alpha-L-LYXOFURANOSYL-(1-4)-N,N'-DIAMIDINO-, D-
UPDT 8303 CAS: 128-46-1 MW: 583.69 MOLFM: C21-H41-N7-O12
SYN: DIHYDROSTREPTOMYCIN * DHMS * DST * STREPTOMYCIN, DIHYDRO-
MUTATION DATA AND REFERENCES:
cyt-mus-par 100 mg/kg NULSAK 2,161,71
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T42 unk-wmn TDLo:260 mg/kg (19-22W preg) SJRDAH 50,61,69
1T42 unk-wmn TDLo:400 mg/kg (1-16W preg) SMWOAS 92,77,62
3T26T34T35 scu-rat TDLo:600 mg/kg (6-10D preg) OSDIAF 14,107,65
2T71T75 ipr-mus TDLo:12 gm/kg (1-20D preg) KJMEA9 10,31,61
TOXICITY DATA AND REFERENCES:
scu-rat LD50:1100 mg/kg ARZNAD 12,597,62
ivn-rat LD50:200 mg/kg JOBAAY 53,205,47
ipr-mus LD50:533 mg/kg UPJOH* 2,-,71
* ivn-mus LD50:200 mg/kg 85GDA2 1,96,80
1F12 ims-mus LD50:350 mg/kg AIMDAP 119,493,67
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STREPTASE see: OB8880000
STREPTASOL see: WO8400000
STREPTIMIDON see: TM7525000
STREPTIMIDONE see: TM7525000
STREPTOCID ALBUM see: WO8400000
STREPTOCIDE WHITE see: WO8400000
STREPTOCLASE see: WO8400000
STREPTOCOCCAL FIBRINOLYSIN see: OB8880000
STREPTOCOM see: WO8400000
STREPTOGRAMIN B see: ZA4870000
STREPTOIMIDONE see: TM7525000
STREPTOKINASE see: OB8880000
STREPTOL see: WO8400000

WK4025000 STREPTOLIN
UPDT 8404 CAS: 1366-50-3
SYN: RACEMOMYCIN B * STREPTOTHRICIN D
TOXICITY DATA AND REFERENCES:
ivn-mus LDLo:6500 ug/kg JACSAT 69,3006,47

WK4250000 STREPTOLYDIGIN
UPDT 8309 CAS: 7229-50-7 MW: 616.83 MOLFM: C33-H48-N2-O9
SYN: ANTIBIOTIC D-45 * FREE ACID * PORTAMYCIN
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:533 mg/kg UPJOH* 2(6),-,71
* scu-ckn LDLo:10 mg/kg CBPCBB 66C,83,80

STREPTOMICINA (Italian) see: WK4375000

WK4285000 STREPTOMYCES LAVENDULAE Waksman and Curtis
DEF:Strain that produces STREPTOTHRICINES (APFRAD 12,440,54)
UPDT 8402
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:10 mg/kg APFRAD 12,440,54

STREPTOMYCES PEUCETIUS see: HB7875000

WK4375000 STREPTOMYCIN
UPDT 8412 CAS: 57-92-1 MW: 581.67 MOLFM: C21-H39-N7-O12
SYN: AGRIMYCIN 17 * CHEMFORM * GEROX * HOKKO-MYCIN * NSC 14083 * STREPCEN * STREPTOMICINA (Italian) * STREPTOMYCIN A * STREPTOMYCINE * STREPTOMYCINUM * STREPTOMYZIN (German)
MUTATION DATA AND REFERENCES:
mmo-sat 10 gm/L SCIEAS 172,1058,71
mmo-esc 100 mg/L NATUAS 271,385,78
mrc-esc 200 ug/L IDZAAW 52,417,77
mmo-omi 250 mg/L MUREAV 27,191,75
mmo-omi 40 mg/L ANTBAL 25,822,80
dni-omi 3 gm/L MUREAV 9,261,70
mmo-eug 100 mg/L AMACCQ 9,682,76
cyt-hmn:leu 9200 mg/L MGGEAE 107,361,70
cyt-mus:mmr 10 mmol/L/24H-C JTSCDR 5,141,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T42 unk-wmn TDLo:620 mg/kg (23-39W preg) SJRDAH 50,61,69
2T42T87 unk-wmn TDLo:320 mg/kg (6-14W preg) NEJMAG 271,949,64
1T26 scu-rat TDLo:22500 ug/kg (6-14D preg) DPHFAK 23,383,71
2T25T41 scu-rat TDLo:225 mg/kg (6-14D preg) DPHFAK 23,383,71
1T46 scu-rat TDLo:1125 mg/kg (6-14D preg) DPHFAK 23,383,71
3T26T31T34 ivn-rat TDLo:65 mg/kg (1D preg) AMASA4 32,35,75
2T81T86 scu-mus TDLo:25 mg/kg (14D preg) CRSBAW 158,2065,64
1T35 unk-mus TDLo:400 mg/kg (9-11D preg) TJADAB 14,250,76
TOXICITY DATA AND REFERENCES:
3H02J25J30 ipr-hmn TDLo:143 mg/kg BMJOAE 1,556,61
orl-rat LD50:9000 mg/kg 85ARAE 4,35,76
* scu-rat LDLo:600 mg/kg 85ERAY 1,570,78
* ivn-rat LDLo:175 mg/kg 85ERAY 1,570,78
orl-mus LD50:9000 mg/kg 31ZOAD 1,390,68
ipr-mus LD50:1250 mg/kg DPHFAK 23,383,71
scu-mus LD50:520 mg/kg BJPCAL 15,496,60

	ivn-mus LD50:90200 ug/kg	ANTBAL 18,249,73
*	scu-dog LDLo:300 mg/kg	85ERAY 1,570,78
*	scu-mky LDLo:400 mg/kg	85ERAY 1,570,78
*	orl-cat LDLo:2000 mg/kg	85ERAY 1,570,78
*	scu-cat LDLo:600 mg/kg	85ERAY 1,570,78
*	ivn-cat LDLo:150 mg/kg	85ERAY 1,570,78
*	scu-rbt LDLo:600 mg/kg	85ERAY 1,570,78
*	ivn-rbt LDLo:225 mg/kg	85ERAY 1,570,78
*	scu-gpg LDLo:600 mg/kg	85ERAY 1,570,78

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CLANA4 10(p.1),283,73; PLMJAP 6(1),160,75; MMWOAU 115(39),1661,73; MMWOAU 115(39),1685,73; INTEAG 15(1),7,74; CLPTAT 5,480,64; ARVPAX 5,447,65; ADVPA3 4,263,6.; JOPDAB 59,1,61; BMJOAE 2,260,65

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STREPTOMYCIN A see: WK4375000

STREPTOMYCIN C see: WK2250000

STREPTOMYCIN CALCIUM CHLORIDE see: WK4800000

WK4800000 STREPTOMYCIN, compd. with CALCIUM CHLORIDE (1:1)

UPDT:8412 CAS: 15493-35-3 MW: 692.65 MOLFM: C21-H39-N7-O12 Ca-Cl2

SYN: CALCIUM CHLORIDE with STREPTOMYCIN (1:1) * STREPTOMYCIN CALCIUM CHLORIDE

TOXICITY DATA AND REFERENCES:

3F07F15F19	orl-mus LD50:224 mg/kg	ANTBAL 27,535,82
	scu-mus LD50:758 mg/kg	ANTBAL 18,444,73
	ivn-mus LD50:165 mg/kg	ANTBAL 18,444,73

STREPTOMYCIN, DIHYDRO- see: WK2450000

STREPTOMYCIN and DIHYDROSTREPTOMYCIN see: BD9115000

WK4950200 STREPTOMYCIN, DIHYDRO-, SULFATE (2:3), compd. with GLUCOHEPTONIC ACID CALCIUM SALT

UPDT:8405 MW: 2032.26 MOLFM: C42-H82-N14-O24 .H6-O12-S3 .2C7-H13-O8 .3Ca

SYN: COMPLESSO DIIDROSTREPTOMICINA SOLFATO CALCIO EPTAGLUCONATO (Italian) * DIHYDROSTREPTOMYCIN SULPHATE with CALCIUM HEPTAGLUCONATE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:230 mg/kg	FRPSAX 12,899,57

WK4950500 STREPTOMYCIN, DIHYDRO-, SULFATE (2:3), compd. with GLUCONIC ACID CALCIUM SALT

UPDT:8405 MW: 1972.20 MOLFM: C42-H82-N14-O24 .H6-O12-S3 .2C6-H11-O7 .3Ca

SYN: COMPLESSO DIIDROSTREPTOMICINA SOLFATO CALCIO GLUCONATO (Italian) * DIHYDROSTREPTOMYCIN SULPHATE with CALCIUM GLUCONATE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:230 mg/kg	FRPSAX 12,899,57

STREPTOMYCINE see: WK4375000

STREPTOMYCIN SESQUISULFATE see: WK4990000

STREPTOMYCIN SULFATE see: WK4990000

WK4967000 STREPTOMYCIN SULFATE (2:3), compd. with GLUCOHEPTONIC ACID CALCIUM SALT

UPDT:8405 MW: 2028.22 MOLFM: C42-H78-N14-O24 .H6-O12-S3 .2C7-H13-O8 .3Ca

SYN: COMPLESSO STREPTOMICINA SOLFATO CALCIO EPTAGLUCONATO (Italian) * STREPTOMYCIN SULPHATE with CALCIUM HEPTAGLUCONATE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:180 mg/kg	FRPSAX 12,899,57

WK4968000 STREPTOMYCIN, SULFATE (2:3), compd. with GLUCONIC ACID CALCIUM SALT

UPDT:8405 MW: 1968.16 MOLFM: C42-H78-N14-O24 .H6-O12-S3 .2C6-H11-O7 .3Ca

SYN: COMPLESSO STREPTOMICINA SOLFATO CALCIO GLUCONATO (Italian) * STREPTOMYCIN SULPHATE with CALCIUM GLUCONATE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:180 mg/kg	FRPSAX 12,899,57

WK4970000 STREPTOMYCIN, SULFATE (1:3) SALT

UPDT:8408 CAS: 298-39-5 MW: 875.91 MOLFM: C21-H39-N7-O12 .3H2-O4-S

SYN: STREPTOMYCIN SULPHATE * STRYCIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T42	ims-wmn TDLo:1700 mg/kg (26-39W preg)	APLAAQ 11,1,58

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:430 mg/kg	85GMAT -,106,82
1K12	scu-rat LD50:800 mg/kg	TXAPA9 9,445,66
*	orl-mus LD50:430 mg/kg	85GMAT -,106,82
	scu-mus LD50:970 mg/kg	PSEBAA 76,466,51

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WK4990000 STREPTOMYCIN, SULFATE (2:3) (SALT)

UPDT:8412 CAS: 3810-74-0 MW: 1457.58 MOLFM: C42-H78-N14-O24 .H6-O12-S3

SYN: AGRI-MYCIN * AGRISTREP * AS-15 * PHYTOMYCIN * PLANTOMYCIN * STREPCIN * STREP-GRAN * STREPSULFAT * STREPTOMYCIN SESQUISULFATE * STREPTOMYCIN SULFATE * STREPTOMYCIN SULPHATE B.P * STREPTOREX * STREPVET * VETSTREP

MUTATION DATA AND REFERENCES:

	mmo-sat 10 ug/plate	ENMUDM 5(Suppl 1),3,83
	mma-sat 1 mg/plate	NTPTB* JAN 82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T22T81	orl-rat TDLo:37 gm/kg (MGN)	OYYAA2 17,109,79
1T35	unk-mus TDLo:1200 mg/kg (9-11D preg)	TJADAB 14,250,76

TOXICITY DATA AND REFERENCES:

3C08F17J30	ipr-inf TDLo:170 mg/kg	BMJOAE 1,557,61
	scu-mus LD50:500 mg/kg	ARZNAD 6,379,56
	ivn-mus LD50:90200 ug/kg	ANTBAL 18,444,73
	orl-ham LD50:400 mg/kg	TXAPA9 14,510,69
*	orl-mam LD50:9000 mg/kg	FMCHA2 -,C221,83

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: PMMDAE 16(1-2),9,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STREPTOMYCIN SULPHATE see: WK4970000

STREPTOMYCIN SULPHATE B.P see: WK4990000

STREPTOMYCIN SULPHATE with CALCIUM HEPTAGLUCONATE see: WK4967000

STREPTOMYCIN SULPHATE with CALCIUM GLUCONATE see: WK4968000

STREPTOMYCINUM see: WK4375000

STREPTOMYZIN (German) see: WK4375000

STREPTON see: WO8400000

STREPTONIGRAN see: TJ7350000

STREPTONIGRIN see: TJ7350000

STREPTONIVICIN see: CU9080000

STREPTOREX see: WK4990000

STREPTOSIL see: WO8400000

STREPTOSILPYRIDINE see: DA9625000

STREPTOSILTHIAZOLE see: WP2360000

STREPTOTHRICIN A see: NJ5830500

STREPTOTHRICIN B see: NJ5830700

STREPTOTHRICIN C see: NJ5830800

STREPTOTHRICIN D see: WK4025000

STREPTOTHRICIN F see: NJ5830900

STREPTOTHRICIN VI see: NJ5830900

STREPTOVARICIN B see: WK5886000

WK5880000 STREPTOVARICIN C

UPDT:8309 CAS: 23344-17-4 MW: 769.92 MOLFM: C40-H51-N-O14

SYN: U-8741

MUTATION DATA AND REFERENCES:

	pic-esc 100 pg/plate	CNREA8 43,2819,83

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:2000 mg/kg	85GDA2 2,477,80
	ipr-mus LD50:233 mg/kg	UPJOH* 2,-,71

WK5881000 STREPTOVARICIN D

UPDT:8402 CAS: 32164-26-4 MW: 753.92 MOLFM: C40-H51-N-O13

SYN: STREPTOVARICINOIC ACID, 24-DEOXY-, METHYL ESTER (9CI)

MUTATION DATA AND REFERENCES:

	pic-esc 200 ng/plate	CNREA8 43,2819,83
	oms-omi 10 mg/L	CBINA8 16,347,77
	oms-hmn:hla 10 mg/L	CBINA8 16,347,77

STREPTOVARICIN F see: WK5884000

STREPTOVARICIN F(sub G) see: WK5884000

WK5882000 STREPTOVARICIN M

UPDT:8402

MUTATION DATA AND REFERENCES:

	oms-omi 10 mg/L	CBINA8 16,347,77
	oms-omi 10 mg/L	CBINA8 16,347,77
	oms-hmn:hla 10 mg/L	CBINA8 16,347,77

STREPTOVARICINOIC ACID, 24-DEOXY-, METHYL ESTER (9CI) see: WK5881000

WK5884000 STREPTOVARICINOIC ACID, 16-HYDROXY-, 20,17-LACTONE

UPDT:8402 CAS: 35512-37-9 MW: 753.87 MOLFM: C39-H47-N-O14

SYN: 16-HYDROXYSTREPTOVARICINOIC ACID 20,17-LACTONE * STREPTOVARICIN F * STREPTOVARICIN F(sub G)

MUTATION DATA AND REFERENCES:

	oms-omi 10 mg/L	CBINA8 16,347,77
	oms-hmn:hla 10 mg/L	CBINA8 16,347,77

WK5886000 STREPTOVARICINOIC ACID, METHYL ESTER, 21-ACETATE

UPDT:8402 CAS: 11031-82-6 MW: 811.96 MOLFM: C42-H53-N-O15

SYN: STREPTOVARICIN B

MUTATION DATA AND REFERENCES:

	oms-omi 10 mg/L	CBINA8 16,347,77

WK5920000 STREPTOVIRUDIN

UPDT:8406 CAS: 56833-74-0

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:150 mg/kg	JANTAJ 28,514,75
*	scu-mus LD50:15 mg/kg	JANTAJ 28,514,75
*	ivn-mus LD50:17500 ug/kg	JANTAJ 28,514,75

STREPTOVITACIN E 73 see: MA5075000

STREPTOZOCIN see: LZ5775000

STREPTOZOL see: WO8400000

STREPTOZONE see: WO8400000

STREPTOZOTICIN see: LZ5775000

STREPTOZOTOCIN see: LZ5775000

STREPTROCIDE see: WO8400000

STREPVET see: WK4990000

STRESNIL see: EU4550000

STRESSON see: DI2540000

STREUNEX see: GV4900000

STRIADYNE see: AU7416000

STRICNINA (Italian) see: WL2275000

WK7150000 STRICTAMINE

UPDT:8408 CAS: 6475-05-4 MW: 322.44 MOLFM: C20-H22-N2-O2

SYN: AKUAMMILAN-17-OIC ACID, METHYL ESTER * DEACETYLDEFORMOAKUAMMILINE * DESACETYLDESFORMOAKUAMMILINE * VINCAMIDIN * VINCAMIDINE

TOXICITY DATA AND REFERENCES:

3F07F13F17	ipr-mus LD50:162 mg/kg	IJEBA6 17,598,79

STRICYLON see: NJ4375000

STRIPED ALDER see: MG8325000

STROBANE see: WZ6400000

STROBANE see: TQ1750000

STROBANE-T see: XW5250000

STROBANE T-90 see: XW5250000

WK7480000 STROBILANTHES ALATUS Nees, extract

DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 16,228,78)

UPDT:8412

TOXICITY DATA AND REFERENCES:

1Y55	ipr-rat LD50:750 mg/kg	IJEBA6 16,228,78

WK7490000 STROBILANTHES ATROPURPUREUS Nees, extract excluding roots

DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 16,228,78)

UPDT:8412

TOXICITY DATA AND REFERENCES:

1Y55	ipr-rat LD50:1 gm/kg	IJEBA6 16,228,78

WK7500000 STROBILANTHES CAPITATUS T. Anders., extract

DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 12,512,74)

UPDT:8302

TOXICITY DATA AND REFERENCES:

1M10	ipr-mus LD50:200 mg/kg	IJEBA6 12,512,74

WK7510000 STROBILANTHES DALHOUSIANUS C.B., extract

DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 16,228,78)

UPDT:8412

TOXICITY DATA AND REFERENCES:

1H02	ipr-rat LD50:900 mg/kg	IJEBA6 16,228,78

STROFANTIDINA L-ARABINOSIDE TRIACETATO (Italian) see: FH4620000

STROFANTIDINA CIMAROSIDE (Italian) see: FH4920618 5-beta-CARD-20(22)-ENOLIDE, 3-beta-((2,6-DIDEOXY-3-O-METHYL-beta-D-ribo-HEXOPYRANOSYL)OXY)- 5,14-DIHYDROXY-19-OXO-

STROFANTIDINA beta-GALATTOSIDE TETRACETATO (Italian) see: FH5081000

STROFANTIDINA beta-GLUCOSIDE TETRACETATO (Italian) see: FH4977000

STROFANTIDINA beta-XILOSIDE TRIACETATO (Italian) see: FH5040000

WK7825000 STRONTIUM

CAS: 7440-24-6 MW: 87.62 MOLFM: Sr

SYN: STRONTIUM, powdered (DOT) * UN 1383 (DOT)

STANDARDS & REGULATIONS:

★	DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE	CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

WK7850000 STRONTIUM, alloys
UPDT:8312
SYN: STRONTIUM, alloys (DOT) * UN 1434 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:DANGEROUS WHEN WET — CFRGBR 49,172.102,83

WK7900000 STRONTIUM ARSENITE
UPDT:8308 CAS: 10378-48-0 MW: 301.46 MOLFM: As2-O4-Sr
SYN: ARSENIOUS ACID, STRONTIUM SALT * STRONTIUM ARSENITE, SOLID (DOT) * UN 1691 (DOT)
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 — FEREAC 43,19584,78
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M — NTIS**
STRONTIUM ARSENITE, SOLID (DOT) see: WK7900000

WK8050000 STRONTIUM BROMIDE
UPDT:8403 CAS: 10476-81-0 MW: 247.44 MOLFM: Br2-Sr
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg — MEIEDD 10,1267,83
ivn-rat LDLo:500 mg/kg — EQSSDX 1,1,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WK8375000 STRONTIUM CHLORATE
UPDT:8308 CAS: 7791-10-8 MW: 254.52 MOLFM: Cl2-O6-Sr
SYN: CHLORIC ACID, STRONTIUM SALT * STRONTIUM CHLORATE (DOT) * STRONTIUM CHLORATE, wet (DOT) * UN 1506 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER — CFRGBR 49,172.101,82
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER, wet — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
STRONTIUM CHLORATE (DOT) see: WK8375000
STRONTIUM CHLORATE, wet (DOT) see: WK8375000

WK8400000 STRONTIUM CHLORIDE
UPDT:8403 CAS: 10476-85-4 MW: 158.52 MOLFM: Cl2-Sr
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2250 mg/kg — FOREAE 7,313,42
ipr-rat LD50:405 mg/kg — EQSSDX 1,1,75
* ivn-rat LDLo:400 mg/kg — MEIEDD 10,1267,83
orl-mus LD50:3100 mg/kg — FOREAE 7,313,42
ipr-mus LD50:908 mg/kg — COREAF 256,1043,63
ivn-mus LD50:148 mg/kg — TXAPA9 22,150,72
orl-rbt LDLo:7500 mg/kg — HBAMAK 4,1289,35
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FOREAE 7,313,42
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

WK8575000 STRONTIUM CHLORIDE HEXAHYDRATE
UPDT:8402 CAS: 10025-70-4 MW: 266.64 MOLFM: Cl2-Sr .6H2-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T03 orl-rat TDLo:405 mg/kg (90D male) — TXCYAC 7,11,77
TOXICITY DATA AND REFERENCES:
* ivn-rat LDLo:400 mg/kg — 85ESA3 9,1143,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
STRONTIUM CHROMATE see: GB3240000
STRONTIUM CHROMATE (1:1) see: GB3240000
STRONTIUM CHROMATE (VI) see: GB3240000
STRONTIUM CHROMATE 12170 see: GB3240000
STRONTIUM CHROMATE A see: GB3240000
STRONTIUM CHROMATE (DOT) see: GB3240000
STRONTIUM CHROMATE X-2396 see: GB3240000
STRONTIUM DIPERCHLORATE see: SC9920000
STRONTIUM, alloys (DOT) see: WK7850000
STRONTIUM, powdered (DOT) see: WK7825000
STRONTIUM FLUOBORATE see: ED3000000

WK8925000 STRONTIUM FLUORIDE
UPDT:8209 CAS: 7783-48-4 MW: 125.62 MOLFM: F2-Sr
TOXICITY DATA AND REFERENCES:
orl-rat LD50:10600 mg/kg — VAMNAQ (2),28,77
ipr-mus LD50:4400 mg/kg — VAMNAQ (2),28,77
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 — NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
STRONTIUM FLUOSILICATE see: VV8700000

WK9450000 STRONTIUM IODIDE HEXAHYDRATE
UPDT:8403 CAS: 7790-40-1 MW: 449.54 MOLFM: I2-Sr .6H2-O
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:800 mg/kg — MEIEDD 10,1267,83
STRONTIUM LACTATE see: OD5950000

WK9800000 STRONTIUM(II) NITRATE (1:2)
UPDT:8308 CAS: 10042-76-9 MW: 211.64 MOLFM: N2-O6-Sr
SYN: NITRATE DE STRONTIUM (French) * NITRIC ACID, STRONTIUM SALT * STRONTIUM NITRATE (DOT) * UN 1507 (DOT)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2750 mg/kg — GISAAA 41(5),28,76
* ipr-rat LD50:540 mg/kg — AIHOAX 1,637,50
* orl-mus LD50:1826 mg/kg — GISAAA 41(5),28,76
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
STRONTIUM NITRATE (DOT) see: WK9800000
STRONTIUM PERCHLORATE see: SC9920000
STRONTIUM PERCHLORATE (DOT) see: SC9920000

WL0100000 STRONTIUM PEROXIDE
UPDT:8308 CAS: 1314-18-7 MW: 119.62 MOLFM: O2-Sr
SYN: STRONTIUM PEROXIDE (DOT) * UN 1509 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
STRONTIUM PEROXIDE (DOT) see: WL0100000

WL0175000 STRONTIUM PHOSPHIDE
UPDT:8312 CAS: 12504-13-1 MW: 118.59 MOLFM: P-Sr
SYN: PHOSPHURE DE STRONTIUM (French) * STRONTIUM PHOSPHIDE (DOT) * UN 2013 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:580 ppm/1H — ZGSHAM 25,279,33
ihl-cat LCLo:173 ppm/2H — ZGSHAM 25,279,33
ihl-gpg LCLo:288 ppm/2H — ZGSHAM 25,279,33
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:DANGEROUS WHEN WET, POISON — CFRGBR 49,172.102,83
STRONTIUM PHOSPHIDE (DOT) see: WL0175000
STRONTIUM QUINOLINOLATE see: US8010000
STRONTIUM YELLOW see: GB3240000
STRONTOLAC see: OD5950000
STROPHANTHIDIN see: FH5425000
G-STROPHANTHIDIN see: FH5100000
k-STROPHANTHIDIN see: FH5425000
STROPHANTHIDIN BROMOACETATE see: FH5430000
STROPHANTHIDIN 3-BROMOACETATE see: FH5430000
STROPHANTHIDIN, 3-(6-DEOXY-alpha-L-MANNOPYRANOSIDE) see: GL4025000
STROPHANTHIDINE see: FH5425000
k-STROPHANTHIDINE see: FH5425000
STROPHANTHIDIN K see: FH5425000
STROPHANTHIDIN alpha-L-RHAMNOSIDE see: GL4025000
STROPHANTHIDIN-D-XYLOSE see: FH5030000
STROPHANTHIN see: WL1180000
g-STROPHANTHIN see: RN3675000 OUABAIN

WL1180000 k-STROPHANTHIN
UPDT:8408 CAS: 11005-63-3 MW: 710.90 MOLFM: C36-H54-O14
SYN: COMBETIN * EUSTROPHINUM * KOMBETIN * STROPHANTHIN * K-STROPHANTHOSIDE * STROPHOSID
TOXICITY DATA AND REFERENCES:
scu-rat LDLo:50 mg/kg — HBAMAK 4,1289,35
* ivn-rat LD50:14 mg/kg — AIPTAK 155,165,65
* ipr-mus LD50:3500 ug/kg — AIPTAK 155,165,65
ivn-mus LD50:2500 ug/kg — CLDND*
* ivn-cat LDLo:130 ug/kg — AIPTAK 155,165,65
ivn-rbt LDLo:200 ug/kg — AEPPAE 185,329,37
ivn-gpg LD50:270 ug/kg — CLDND*
* orl-frg LD50:16500 ug/kg — JJPAAZ 9,91,60
* scu-frg LD50:440 ug/kg — JJPAAZ 9,91,60
ivn-frg LD50:690 ug/kg — CLDND*
STROPHANTHIN G see: RN3675000
K-STROPHANTHOSIDE see: WL1180000

WL1780000 STROPHANTHUS GRATUS Franch., leaf and stem bark extract
DEF:Indian plant belonging to the family APOCYNACEAE (IJEBA6 18,594,80)
UPDT:8412
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T27 orl-rat TDLo:150 mg/kg (12-14D preg) — IJEBA6 18,594,80
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:178 mg/kg — IJEBA6 18,594,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WL1800000 STROPHANTHUS WALLICHII A. DC., extract excluding roots
DEF:Indian plant belonging to the family APOCYNACEAE (IJEBA6 11,43,73)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:250 mg/kg — IJEBA6 11,43,73
STROPHOPERM see: RN3675000
STROPHOSID see: WL1180000
STROSPESID (German) see: FH4901000
STROSPESIDE see: FH4901000

WL2000000 STROSPESIDE, 16-FORMATE
UPDT:8306 CAS: 6875-10-1 MW: 578.77 MOLFM: C31-H46-O10
SYN: VERODOXIN
TOXICITY DATA AND REFERENCES:
3A11F12G30 orl-mus LD50:51870 ug/kg — AIPTAK 153,436,65
3A11F12G30 scu-mus LD50:2890 ug/kg — AIPTAK 153,436,65
ivn-cat LDLo:231 ug/kg — JMPCAS 5,988,62
3A11F12G30 orl-gpg LDLo:2370 ug/kg — AIPTAK 153,436,65
3A11F12G30 ivn-gpg LDLo:237 ug/kg — AIPTAK 153,436,65
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85ELDJ -,194,63

WL2002000 STROSPESIDE, TRIFORMATE
UPDT:8306
SYN: TRIFORMYL-STROSPESIDE
TOXICITY DATA AND REFERENCES:
3A11F12G30 orl-mus LD50:19030 ug/kg — AIPTAK 153,436,65
3A11F12G30 scu-mus LD50:9200 ug/kg — AIPTAK 153,436,65
3A11F12G30 orl-gpg LDLo:3480 ug/kg — AIPTAK 153,436,65
3A11F12G30 ivn-gpg LDLo:348 ug/kg — AIPTAK 153,436,65
STRUMACIL see: YR0875000
STRUMAZOLE see: NI8615000
STRYCHININE SULFATE see: WL2550000
STRYCHNIDINIUM, 4,16-DIHYDROXY-19-METHYL-10-OXO- (9CI) see: ZB2500000
STRYCHNIDIN-10-ONE see: WL2275000
STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY- (9CI) see: EH8925000
STRYCHNIDIN-10-ONE, 16-HYDROXY- (9CI) see: UL7450000
STRYCHNIDIN-10-ONE, 2-METHOXY- (9CI) see: GJ9990000
STRYCHNIDIN-10-ONE, 2-NITRO- (9CI) see: WL2460200
STRYCHNIDIN-10-ONE, SULFATE (2:1) see: WL2550000
STRYCHNIN (German) see: WL2275000

WL2275000 STRYCHNINE
UPDT:8411 CAS: 57-24-9 MW: 334.45 MOLFM: C21-H22-N2-O2
SYN: CERTOX * DOLCO MOUSE CEREAL * KWIK-KIL * MOLE DEATH * MOUSE-NOTS * MOUSE-RID * MOUSE-TOX * PIED PIPER MOUSE SEED * RCRA WASTE NUMBER P108 * RO-DEX * SANASEED * STRICNINA (Italian) * STRYCHNIDIN-10-ONE * STRYCHNIN (German) * STRYCHNINE, liquid (DOT) * STRYCHNINE, solid (DOT) * STRYCHNOS * UN 1692 (DOT)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T24T71 ims-rat TDLo:500 ug/kg (5D preg) — PSEBAA 100,555,59
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:30 mg/kg — PCOC** -,1073,66
unk-man LDLo:1103 ug/kg — 85DCAI 2,73,70
* orl-rat LD50:16 mg/kg — AFDCAQ 16,47,52
ipr-rat LD50:2500 ug/kg — ARZNAD 5,680,55
scu-rat LD50:1200 ug/kg — RPTOAN 31,260,68
ivn-rat LD50:960 ug/kg — ARZNAD 14,996,64
* orl-mus LD50:2 mg/kg — IJEBA6 19,1075,81
ipr-mus LD50:980 ug/kg — JPETAB 128,176,60
1F12 scu-mus LD50:474 ug/kg — APSXAS 7,329,70
ivn-mus LD50:410 ug/kg — AIPTAK 128,204,60
orl-dog LDLo:1100 ug/kg — HBAMAK 4,1403,35
scu-dog LDLo:350 ug/kg — HBAMAK 4,1403,35

	ivn-dog LDLo:250 ug/kg	HBAMAK 4,1403,35
	orl-cat LDLo:750 ug/kg	HBAMAK 4,1403,35
	scu-cat LDLo:750 ug/kg	HBAMAK 4,1403,35
	ivn-cat LDLo:330 ug/kg	HBAMAK 4,1403,35
	orl-rbt LDLo:600 ug/kg	HBAMAK 4,1403,35
	scu-rbt LDLo:700 ug/kg	HBAMAK 4,1403,35
	ivn-rbt LDLo:350 ug/kg	HBAMAK 4,1403,35
	scu-gpg LDLo:3200 ug/kg	HBAMAK 4,1403,35
	orl-pgn LD50:21 mg/kg	TXAPA9 20,57,71
	scu-pgn LDLo:1 mg/kg	HBAMAK 4,1403,35
	scu-ckn LDLo:3 mg/kg	HBAMAK 4,1403,35
	orl-qal LD50:23 mg/kg	TXAPA9 20,57,71
	orl-dck LD50:3 mg/kg	TXAPA9 20,57,71
	scu-dck LDLo:1 mg/kg	HBAMAK 4,1403,35
	scu-frg LDLo:35 ug/kg	HBAMAK 4,1403,35
	orl-bwd LD50:4 mg/kg	TXAPA9 20,57,71

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CLCHAU 19,361,73; FNSCA6 2,67,73

★	TLV-TWA 150 ug/m3; STEL 450 ug/m3	DTLVS* 4,373,80

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 150 ug/m3 (SCP-U)	FEREAC 39,23540,74
★	DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172.101,82
★	DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS	CFRGBR 49,172.102,83

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 S302#

'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

psi-STRYCHNINE see: UL7450000

STRYCHNINE, 2,3-DIMETHOXY- see: EH8925000

STRYCHNINE, liquid (DOT) see: WL2275000

STRYCHNINE, solid (DOT) see: WL2275000

WL2450000 STRYCHNINE, MONONITRATE

UPDT:8411 CAS: 66-32-0 MW: 397.47 MOLFM: C21-H22-N2-O2 H-N-O3

SYN: STRYCHNINE NITRATE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:16200 ug/kg	NIIRDN 6,377,82
	scu-rat LDLo:3 mg/kg	AEPPAE 187,607,37
	ivn-rat LDLo:600 ug/kg	ARZNAD 20,1778,70
	ivn-mus LDLo:600 ug/kg	ARZNAD 20,1778,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STRYCHNINE NITRATE see: WL2450000

WL2460200 STRYCHNINE, 2-NITRO-

UPDT:8403 CAS: 29854-52-2 MW: 379.45 MOLFM: C21-H21-N3-O4

SYN: 2-NITRO-STRYCHNINE * STRYCHNIDIN-10-ONE, 2-NITRO- (9CI)

TOXICITY DATA AND REFERENCES:

1F12	scu-mus LD50:6370 ug/kg	APSXAS 7,329,70

WL2465000 STRYCHNINE SALT, (solid)

UPDT:8308

SYN: STRYCHNINE SALT, SOLID (DOT) * UN 1692 (DOT)

STANDARDS & REGULATIONS:

★	DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172.101,82

STRYCHNINE SALT, SOLID (DOT) see: WL2465000

STRYCHNINE SULFATE see: WL2550000

WL2550000 STRYCHNINE, SULFATE (2:1)

UPDT:8303 CAS: 60-41-3 MW: 383.49 MOLFM: C21-H22-N2-O2 1/2H2-O4-S

SYN: STRYCHININE SULFATE * STRYCHNIDIN-10-ONE, SULFATE (2:1) * STRYCHNINE SULFATE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:5 mg/kg	TXAPA9 21,315,72
1F12	ipr-rat LD50:1620 ug/kg	AIPTAK 144,416,63
	scu-rat LD50:1700 ug/kg	TXAPA9 18,185,71
1F12	ivn-rat LD50:570 ug/kg	AIPTAK 144,416,63
	ivn-mus LD50:475 ug/kg	JPETAB 79,127,43
1F12	ipr-gpg LD50:10900 ug/kg	AIPTAK 144,416,63
1F12	scu-gpg LD50:4800 ug/kg	AIPTAK 144,416,63
1F12	ivn-gpg LD50:390 ug/kg	AIPTAK 144,416,63
	orl-bwd LD50:5 mg/kg	TXAPA9 21,315,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STRYCHNOS see: WL2275000

WL2590000 STRYCHNOS POTATORUM Linn. f., seed extract

DEF:Indian plant belonging to the family LOGANIACEAE (IJEBA6 16,228,78)

UPDT:8412

TOXICITY DATA AND REFERENCES:

1H02	ipr-rat LD50:500 mg/kg	IJEBA6 16,228,78

STRYCHNOS POTATORUM SEED ALKALOIDS see: AZ7741400

STRYCIN see: WK4970000

STRYON 686 see: WL6475000

STRYPTIRENAL see: DO2625000

STRZ see: LZ5775000

STS see: XB8660000

STS see: YQ2800000

STS 153 see: KG7733000

STS 557 see: RC8899500

ST 5066/S (German) see: AY3170000

STUDAFLUOR see: WB0350000

STUNTMAN see: UR5950000

STYLAC see: AT6970000

STYLAC 100 see: AT6970000

STYLAC 200 see: AT6970000

STYLAC 301 see: AT6970000

STYLAC XA 6705 see: AT6970000

STYLOMYCIN see: AU7350000

STYLOMYCIN see: AU7355000

STYLOMYCIN AMINONUCLEOSIDE see: AU7337000

STYLON see: TQ9800000

STYPHNATE OF LEAD (DOT) see: OG6425000

STYPHNIC ACID see: VH3540000

STYPTIRENAL see: DO2625000

STYRACIN see: GD8562000

STYRAFOIL see: WL6475000

STYRAGEL see: WL6475000

STYRALLYL ALCOHOL see: DO9275000

STYRALLYL PROPIONATE see: DP0620000

STYRALYI ALCOHOL see: DO9275000

STYRAMATE see: KI2625000

STYREEN (Dutch) see: WL3675000

STYREN (Czech) see: WL3675000

STYREN-ACRYLONITRILE POLYMER see: AT6978000

WL3675000 STYRENE

UPDT:8412 CAS: 100-42-5 MW: 104.16 MOLFM: C8-H8

SYN: BENZENE, VINYL- * CINNAMENE * CINNAMENOL * CINNAMOL * DIAREX HF 77 * ETHENYLBENZENE * ETHYLENE, PHENYL- * NCI-C02200 * PHENETHYLENE * PHENYLETHENE * PHENYLETHYLENE * STIROLO (Italian) * STYREEN (Dutch) * STYREN (Czech) * STYRENE MONOMER, inhibited (DOT) * STYROL (German) * STYROLE * STYROLENE * STYRON * STYROPOL * STYROPOR * UN 2055 (DOT) * VINYLBENZEN (Czech) * VINYLBENZENE * VINYLBENZOL

IRRITATION DATA AND REFERENCES:

	skn-hmn 500 mg nse	INMEAF 17,199,48
	skn-rbt 500 mg open MLD	UCDS** 12/13/63
	skn-rbt 100% MOD	AMIHAB 14,387,56
	eye-rbt 18 mg	AJOPAA 29,1363,46

MUTATION DATA AND REFERENCES:

	mma-sat 1 umol/plate	MUREAV 56,147,77
	mmc-smc 1 mmol/L	BSIBAC 59,233,83
	mrc-smc 1 mmol/L	BSIBAC 59,233,83
	dns-hmn:lym 100 umol/L	CRNGDP 3,681,82
	dni-hmn:hla 28 mmol/L	MUREAV 93,447,82
	cyt-hmn:lym 300 ppm/72H	MUREAV 58,277,78
	sce-hmn:lym 1 mmol/L	CRNGDP 1,357,80
	otr-rat:emb 145 ug/plate	JJATDK 1,190,81
	dnd-rat:lvr 3 mmol/L	SinJF# 26OCT82
	cyt-rat-ihl 300 ppm/8W-I	TOLED5 1,315,78
	mnt-mus-ipr 250 mg/kg	TOLED5 8,247,81
	dnd-mus-ipr 10 mmol/kg	CALEDQ 21,9,83
	cyt-mus-orl 50 mg/kg	FCTXAV 18,434,80
	sce-mus-ihl 46400 ug/kg/4D-I	TXAPA9 55,37,80
	sce-mus-ihl 125 ppm/4D-I	APTOD9 19,A34,80
	hma-mus/smc 1 gm/kg	MUREAV 40,317,76
	hma-mus/ssp 1 gm/kg	MUREAV 40,317,76
	cyt-ham:lng 100 mg/L	ARTODN (Suppl 4),41,80
	msc-ham:lng 240 umol/plate/4H	CBINA8 39,57,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T34T19U01	ihl-rat TCLo:300 ppm/7H (6-15D preg)	TXCYAC 11,335,78
2T34T35	ihl-rat TCLo:1500 ug/m3/24H (1-22D preg)	GISAAA 39(11),65,74
2T71T76	ihl-rat TCLo:5 mg/m3/24H (1-22D preg)	GISAAA 39(11),65,74
2T24T25	ihl-rat TCLo:1500 ug/m3/24H (1-7D preg)	GISAAA 39(11),65,74
1T25	ihl-mus TCLo:500 ppm/6H (6-16D preg)	APTOA6 47,127,80
1T25	ihl-ham TCLo:1000 ppm/6H (6-18D preg)	APTOA6 47,127,80

TOXICITY DATA AND REFERENCES:

	ihl-hmn LCLo:10000 ppm/30M	29ZWAE -,77,68
2D07D35	ihl-hmn TCLo:600 ppm	AMIHAB 14,387,56
1D35	ihl-hmn TCLo:20 ug/m3	GISAAA 26(8),11,61
	orl-rat LD50:5000 mg/kg	AMIHAB 14,387,56
1F25	ihl-rat LC50:24000 mg/m3/2H	GTPZAB 26(8),53,82
1F25	ipr-rat LD50:1220 mg/kg	GTPZAB 26(8),53,82
	orl-mus LD50:316 mg/kg	NCILB* NCI-E-C-72-3252
1F25	ihl-mus LC50:21600 mg/m3/2H	GTPZAB 26(8),53,82
	ipr-mus LD50:660 mg/kg	ARZNAD 19,617,69
	ivn-mus LD50:90 mg/kg	ARZNAD 19,617,69
	ihl-gpg LCLo:12 gm/m3/14H	JIHTAB 24,295,42

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: EVHPAZ 11,115,75; EVHPAZ 11,163,75; CMTVAS 10(3),49,73; CBINA8 22,117,78; IGAYAY 106,105,78

★	CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 19,231,79
★	CARCINOGENIC REVIEW:HUMAN INDEFINITE	IARC** 19,231,79
★	TLV-TWA 50 ppm; STEL 100 ppm (skin)	DTLVS* 4,373,80

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 100 ppm;CL 200;Pk 600/5M/3H (SCP-C)	FEREAC 39,23540,74
★	DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.102,83
★	CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO STYRENE recm std-air:TWA 50 ppm; CL 100 ppm/15M	

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE, RAT (NCITR* NCI-CG-TR-185,79)

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1501

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0179-0269 S

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STYRENE-ACRYLONITRILE-BUTADIENE COPOLYMER see: AT6970000

STYRENE-ACRYLONITRILE-BUTADIENE POLYMER see: AT6970000

STYRENE-ACRYLONITRILE-BUTADIENE RESIN see: AT6970000

STYRENE-ACRYLONITRILE-BUTADIENE TERPOLYMER see: AT6970000

STYRENE-ACRYLONITRILE COPOLYMER see: AT6978000

STYRENE mixed with BNS see: WL5500000

WL3850000 STYRENE, beta-BROMO-

UPDT:8305 CAS: 103-64-0 MW: 183.06 MOLFM: C8-H7-Br

SYN: alpha-BROMO-beta-PHENYLETHYLENE * beta-BROMOSTYRENE * omega-BROMOSTYRENE * BROMOSTYROL * BROMOSTYROLENE * beta-BROMSTYROL * BROMSTYROLE * HYACINTH BASE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1250 mg/kg	FCTXAV 11,1043,73

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

WL4025000 STYRENE, alpha-BROMO-beta,beta-BIS(p-ETHOXYPHENYL)-

UPDT:8401 CAS: 60883-74-1 MW: 423.38 MOLFM: C24-H23-Br-O2

SYN: alpha-BROMO-beta,beta-BIS(p-ETHOXYPHENYL)STYRENE * alpha,alpha-DI(p-ETHOXYPHENYL)-beta-BROMO-beta-PHENYLETHYLENE

TUMORIGENIC DATA AND REFERENCES:

2V01P62	scu-mus TDLo:94 mg/kg/26W-I	MMJJAI 11,95,61

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WL4050000 STYRENE, beta-BROMO-beta-NITROSO-

UPDT:8412 CAS: 7166-19-0 MW: 212.06 MOLFM: C8-H6-Br-N-O

SYN: beta-BROMO-beta-NITROSOTRYRENE

STATUS:

NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984

REPORTED IN EPA TSCA INVENTORY, 1983

WL4080000 STYRENE-BUTADIENE, vulcanization fumes

UPDT:8303

SYN: VULCANIZATION FUMES from STYRENE-BUTADIENE

MUTATION DATA AND REFERENCES:

	mma-sat 100 uL/plate	JTEHD6 8,805,81
	mma-sat 100 uL/plate	JTEHD6 8,805,81

STYRENE-BUTADIENE-ACRYLONITRILE COPOLYMER see: AT6970000

STYRENE-BUTADIENE COPOLYMER see: WL6478000

STYRENE-1,3-BUTADIENE COPOLYMER see: WL6478000

STYRENE-BUTADIENE POLYMER see: WL6473000

WL4150000 STYRENE, CHLORO-
UPDT:8407 CAS: 1331-28-8 MW: 138.60 MOLFM: C8-H7-Cl
SYN: CHLOROSTYRENE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 30,63,48
eye-rbt 500 mg open JIHTAB 30,63,48
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5200 mg/kg JIHTAB 30,63,48
skn-rbt LD50:20 gm/kg JIHTAB 30,63,48
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WL4160000 STYRENE, o-CHLORO-
UPDT:8201 CAS: 2039-87-4 MW: 138.60 MOLFM: C8-H7-Cl
SYN: o-CHLOROSTYRENE * 2-CHLOROSTYRENE
REVIEW AND REFERENCES:
★ TLV-TWA 50 ppm; STEL 75 ppm DTLVS* 4,95,80

WL4200000 STYRENE, alpha-CHLORO-p-NITRO-
UPDT:8303 CAS: 10140-97-3 MW: 183.60 MOLFM: C8-H6-Cl-N-O2
SYN: alpha-CHLORO-p-NITROSTYRENE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:710 mg/kg AIHAAP 23,95,62
1R10 skn-rbt LD50:397 mg/kg AIHAAP 23,95,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WL4375000 STYRENE, alpha,beta-DICHLORO-
UPDT:8407 CAS: 6607-45-0 MW: 173.04 MOLFM: C8-H6-Cl2
SYN: DICHLOROSTYRENE * DWUCHLOROSTYREN (Polish)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 30,63,48
eye-rbt 20 mg open SEV JIHTAB 30,63,48
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4000 mg/kg JIHTAB 30,63,48
skn-rbt LD50:9 gm/kg JIHTAB 30,63,48

WL4460500 STYRENE, 3,5-DIMETHYL-
UPDT:8402 CAS: 5379-20-4 MW: 132.22 MOLFM: C10-H12
SYN: BENZENE, 1-ETHENYL-3,5-DIMETHYL- (9CI) * 3,5-DIMETHYLSTYRENE
MUTATION DATA AND REFERENCES:
sce-hmn:lym 1 mmol/L MUREAV 116,379,83

WL4461000 STYRENE, m,beta-DINITRO-, (E)-
UPDT:8411 CAS: 34441-47-9 MW: 194.16 MOLFM: C8-H6-N2-O4
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:80 mg/kg CHTPBA 6,186,71

STYRENE EPOXIDE see: CZ9625000

WL4810000 STYRENE, p-FLUORO-beta-NITRO-, (E)-
UPDT:8411 CAS: 5153-69-5 MW: 167.15 MOLFM: C8-H6-F-N-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:80 mg/kg CHTPBA 6,186,71

WL5000000 STYRENE, 4-ISOPROPYL-3-METHYL-beta,2,6-TRINITRO-, (E)-
UPDT:8411 CAS: 34210-02-1 MW: 295.28 MOLFM: C12-H13-N3-O6
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:80 mg/kg CHTPBA 6,186,71

STYRENE and MALEIC ANHYDRIDE COPOLYMER see: TR4924000

WL5075000 STYRENE, METHYL-
UPDT:8412 CAS: 25013-15-4 MW: 118.19 MOLFM: C9-H10
SYN: METHYLSTYRENE * NCI-C56406 * VINYLTOLUENE
IRRITATION DATA AND REFERENCES:
skn-rbt 100% MOD AMIHAB 14,387,56
eye-rbt 90 mg MLD AMIHAB 14,387,56
MUTATION DATA AND REFERENCES:
mnt-mus-ipr 200 mg/kg TOLEDS 8,247,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T34 ipr-rat TDLo:3750 mg/kg (1-15D preg) SWEHDO 7(Suppl 4),66,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5700 mg/kg HYSAAV 34(7-9),334,69
orl-mus LD50:3160 mg/kg HYSAAV 34(7-9),334,69
ihl-mus LC50:3020 mg/m3 HYSAAV 34(7-9),334,69
REVIEW AND REFERENCES:
★ TLV-TWA 50 ppm;STEL 100 ppm DTLVS* 4,433,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm (SCP-C) FEREAC 39,23540,74
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1501
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WL5075200 STYRENE, METHYL- (mixed isomers)
UPDT:8412 CAS: 25013-15-4 MW: 118.19 MOLFM: C9-H10
SYN: METHYL STYRENE * TOLUENE, VINYL- (mixed isomer) * UN 2618 (DOT) * VINYL TOLUENE * VINYL TOLUENES (mixed isomers), inhibited (DOT)
TOXICITY DATA AND REFERENCES:
2D07D35 ihl-hmn TCLo:400 ppm AMIHAB 14,387,56
orl-rat LD50:4000 mg/kg AMIHAB 14,387,56
REVIEW AND REFERENCES:
★ TLV-TWA 50 ppm; STEL 100 ppm DTLVS* 4,433,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm (SCP-C) FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1501
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WL5075300 STYRENE, alpha-METHYL-
UPDT:8408 CAS: 98-83-9 MW: 118.19 MOLFM: C9-H10
SYN: BENZENE, (1-METHYLETHENYL)- * ISOPROPENIL-BENZOLO (Italian) * ISOPROPENYLBENZENE * ISOPROPENYLBENZENE (DOT) * ISOPROPENYL-BENZEEN (Dutch) * ISOPROPENYL-BENZOL (German) * alpha-METHYLSTYRENE * alpha-METHYLSTYREEN (Dutch) * alpha-METHYL-STYROL (German) * alpha-METIL-STIROLO (Italian) * as-METHYLPHENYLETHYLENE * 2-PHENYLPROPENE * beta-PHENYLPROPENE * 2-PHENYLPROPYLENE * beta-PHENYLPROPYLENE * UN 2303 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 100% MOD AMIHAB 14,387,56
eye-rbt 91 mg MLD AMIHAB 14,387,56
MUTATION DATA AND REFERENCES:
sce-hmn:lym 1 mmol/L MUREAV 116,379,83
TOXICITY DATA AND REFERENCES:
2D07D35 ihl-hmn TCLo:600 ppm AMIHAB 14,387,56
ihl-rat LCLo:3000 ppm 28ZRAQ -,131,60
ihl-gpg LCLo:3000 ppm 28ZRAQ -,131,60
REVIEW AND REFERENCES:
★ TLV-TWA 50 ppm; STEL 100 ppm DTLVS* 4,287,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:Cl 100 ppm (SCP-C) FEREAC 39,23540,74
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1501
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0179-0269 S
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WL5075400 STYRENE, beta-METHYL-, (E)-
UPDT:8403 CAS: 873-66-5 MW: 118.19 MOLFM: C9-H10
SYN: BENZENE, PROPENYL-, (E)- (8CI) * BENZENE, 1-PROPENYL-, (E)- (9CI) * (E)-beta-METHYLSTYRENE * trans-beta-METHYLSTYRENE * (E)-1-PHENYLPROPENE * trans-1-PHENYLPROPENE * (E)-1-PROPENYLBENZENE * trans-1-PROPENYLBENZENE
MUTATION DATA AND REFERENCES:
sce-hmn:lym 1 mmol/L MUREAV 116,379,83
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#04705

WL5075800 STYRENE, m-METHYL-
UPDT:8408 CAS: 100-80-1 MW: 118.19 MOLFM: C9-H10
SYN: BENZENE, 1-ETHENYL-3-METHYL- (9CI) * m-METHYLSTYRENE * 3-METHYLSTYRENE * m-VINYLTOLUENE * 3-VINYLTOLUENE
MUTATION DATA AND REFERENCES:
sce-hmn:lym 1 mmol/L MUREAV 116,379,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1501
REPORTED IN EPA TSCA INVENTORY, 1983

WL5075900 STYRENE, o-METHYL-
UPDT:8408 CAS: 611-15-4 MW: 118.19 MOLFM: C9-H10
SYN: BENZENE, 1-ETHENYL-2-METHYL- (9CI) * o-METHYLSTYRENE * 2-METHYLSTYRENE * o-VINYLTOLUENE * 2-VINYLTOLUENE
MUTATION DATA AND REFERENCES:
sce-hmn:lym 1 mmol/L MUREAV 116,379,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1501

WL5076000 STYRENE, p-METHYL-
UPDT:8408 CAS: 622-97-9 MW: 118.19 MOLFM: C9-H10
SYN: BENZENE, 1-ETHENYL-4-METHYL- (9CI) * p-METHYLSTYRENE * 1-p-TOLYLETHENE * p-VINYLTOLUENE * 4-VINYLTOLUENE
MUTATION DATA AND REFERENCES:
cyt-hmn:lym 330 umol/L CRNGDP 2,237,81
sce-hmn:lym 330 umol/L CRNGDP 2,237,81
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1501
REPORTED IN EPA TSCA INVENTORY, 1983

STYRENE MONOMER, inhibited (DOT) see: WL3675000

WL5460000 STYRENE, beta-NITRO-, (E)-
UPDT:8411 CAS: 5153-67-3 MW: 149.16 MOLFM: C8-H7-N-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:33 mg/kg CHTPBA 6,186,71

STYRENE mixed with (2-NITROETHENYL)BENZENE see: WL5500000

WL5500000 STYRENE, beta-NITRO-, mixed with STYRENE (30:70)
DEF:Solution of 30% beta-NITROSTYRENE and 70% STYRENE (NCITR* NCI-CG-TR-170,79)
UPDT:8401
SYN: BNS mixed with STYRENE * NCI-C02200 mixed with NCI-C02211 * NCI-C02211 mixed with NCI-C02200 * (2-NITROETHENYL)BENZENE mixed with STYRENE * beta-NITROSTYRENE mixed with STYRENE * omega-NITROSTYRENE mixed with STYRENE * STYRENE mixed with BNS * STYRENE mixed with (2-NITROETHENYL)BENZENE * STYRENE mixed with beta-NITROSTYRENE * STYRENE mixed with omega-NITROSTYRENE
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE,RAT (NCITR* NCI-CG-TR-170,79)

STYRENE mixed with beta-NITROSTYRENE see: WL5500000
STYRENE mixed with omega-NITROSTYRENE see: WL5500000
STYRENE OXIDE see: CZ9625000
STYRENE-7,8-OXIDE see: CZ9625000

WL6475000 STYRENE POLYMER
UPDT:8401 CAS: 9003-53-6 MOLFM: (C8-H8)n
SYN: 3A * A 3-80 * AFCOLENE * AFCOLENE 666 * AFCOLENE S 100 * ATACTIC POLYSTYRENE * BACTOLATEX * BAKELITE SMD 3500 * BASF III * BDH 29-790 * BENZENE, ETHENYL-, HOMOPOLYMER (9CI) * BEXTRENE XL 750 * BICOLASTIC A 75 * BICOLENE H * BIO-BEADS S-S 2 * BP-KLP * BSB-S 40 * BSB-S-E * BUSTREN * BUSTREN K 500 * BUSTREN K 525-19 * BUSTREN U 825 * BUSTREN U 825E11 * BUSTREN Y 825 * BUSTREN Y 3532 * CADCO 0115 * CARINEX GP * CARINEX HR * CARINEX HRM * CARINEX SB 59 * CARINEX SB 61 * CARINEX SL 273 * CARINEX TGX/MF * COPAL Z * COSDEN 550 * COSDEN 945E * DENKA QP3 * DIAREX 43G * DIAREX HF 55 * DIAREX HF 77 * DIAREX HF 55-247 * DIAREX HS 77 * DIAREX HT 88 * DIAREX HT 90 * DIAREX HT 190 * DIAREX HT 500 * DIAREX HT 88A * DIAREX YH 476 * DORVON * DORVON FR 100 * DOW 360 * DOW 456 * DOW 665 * DOW 860 * DOW 1683 * DOW MX 5514 * DOW MX 5516 * DYLARK 250 * DYLENE * DYLENE 8 * DYLENE 9 * DYLENE 8G * DYLITE F 40 * DYLITE F 40L * 686E * EDISTIR RB * ESBRITE * ESBRITE 2 * ESBRITE 4 * ESBRITE 4-62 * ESBRITE 8 * ESBRITE G 10 * ESBRITE G-P 2 * ESBRITE 500HM * ESBRITE LBL * ESCOREZ 7404 * ESTYRENE 4-62 * ESTYRENE G 15 * ESTYRENE G 20 * ESTYRENE G-P 4 * ESTYRENE H 61 * ESTYRENE 500SH * ETHENYLBENZENE HOMOPOLYMER * FC-MY 5450 * FG 834 * FOSTER GRANT 834 * GEDEX * 454H * HF 10 * HF 55 * HF 77 * HH 102 * HHI 11 * HI-STYROL * HOSTYREN N * HOSTYREN N 4000 * HOSTYREN N 7001 * HOSTYREN N 4000V * HOSTYREN S * HT 88 * HT 91-1 * HT 88A * HT-F 76 * IT 40 * K 525 * KB (POLYMER) * KM * KM (POLYMER) * KOPLEN 2 * KR 2537 * KRASTEN 1.4 * KRASTEN 052 * KRASTEN SB * LACQREN 506 * LACQREN 550 * LS 061A * LS 1028E * LUSTREX * LUSTREX H 77 * LUSTREX HP 77 * LUSTREX HH 101 * LUSTREX HT 88 * MX 4500 * MX 5514 * MX 5516 * MX 5517-02 * 168N15 * NaPSt * NBS 706 * N 4000V * POLIGOSTYRENE * OWISPOL GF * PELASPAN 333 * PELASPAN ESP 109s * PICCOLASTIC * PICCOLASTIC A * PICCOLASTIC A 5 * PICCOLASTIC A 25 * PICCOLASTIC A 50 * PICCOLASTIC A 75 * PICCOLASTIC C 125 * PICCOLASTIC D * PICCOLASTIC D-100 * PICCOLASTIC D 125 * PICCOLASTIC D 150 * PICCOLASTIC E 75 * PICCOLASTIC E 100 * PICCOLASTIC E 200 * POLYCO 220NS * POLYFLEX * POLYSTROL D * POLYSTYRENE * POLYSTYRENE BEADS (DOT) * POLYSTYRENE BW * POLYSTYRENE LATEX * POLYSTYROL * PRINTEL S * PRX 1195 * PS 1 * PS 2 * PS 200 * PS 209 * PS-B * PSB-C * PSB-S * PSB-S 40 * PSB-S-E * PS 454H * PS 2 (POLYMER) * PS 5 (POLYMER) * PSV-L * PSV-L 1 * PSV-L 2 * PSV-L 15 * PY2763 * R 3 * R 3612 * REXOLITE 1422 * RHODOLNE * S 173 * SB 475K * SD 188 * SHELL 300 * SMD 3500 * SPS 600 * SRM 705 * SRM 706 * ST 90 * STERNITE 30 * STERNITE ST 30VL * ST 30UL * STYRAFOIL * STYRAGEL * STYRENE POLYMERS * STYREX C * STYROCELL PM * STYROFAN 2D * STYROFLEX * STYROFOAM * STYROLUX * STYRON * STYRON 475 * STYRON 492 * STYRON 666 * STYRON 678 * STYRON 679 * STYRON 683 * STYRON 685 * STRYON 686 * STYRON 690 * STYRON 69021 * STYRON 440A * STYRON 470A * STYRON 475D * STYRON GP * STYRON 666K27 * STYRON PS 3 * STYRON T 679 * STYRON 666U * STYRON 666V * STYROPIAN * STYROPIAN FH 105 * STYROPOL HT 500 * STYROPOL IBE * STYROPOL JQ 300 * STYROPOL KA * STYROPOR * TC 3-30 * TGD 5161 * TMDE 6500 * TOPOREX 500 * TOPOREX 830 * TOPOREX 550-02 * TOPOREX 850-51 * TOPOREX 855-51 * TROLITUL * TRYCITE 1000 * 825TV * 825TV-PS * 475U * U625 * 666U * UBATOL U 2001 * UCC 6863 * UN 2211 (DOT) * UP 1 * UP 2 * UP 27 * UPM * UPM703 * UPM508L * VESTOLEN P 5232G * VESTYRON * VESTYRON 512 * VESTYRON 114-12 * VESTYRON MB * VESTYRON N * VINAMUL N 710 * VINAMUL N 7700 * VINYLBENZENE POLYMER * VINYL PRODUCTS R 3612 * X 600
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:19 mg/kg CNREAB 15,333,55
TOXICITY DATA AND REFERENCES:
ihl-mus LC50:120 mg/m3/10M APFRAD 35,461,77
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: STRAAA 100,192,56
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 19,231,79

STANDARDS & REGULATIONS:
★ DOT-IMO:OTHER REGULATED MATERIAL; LABEL:NONE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WL6478000 STYRENE POLYMER with 1,3-BUTADIENE
UPDT:8403 CAS: 9003-55-8 MOLFM: H2 .((C4-H6)m-C8-H8)n
SYN: 8000A * AFCOLAC B 101 * ANDREZ * BASE 661 * BENZENE, ETHENYL-, POLYMER with 1,3-BUTADIENE (9CI) * 1,3-BUTADIENE-STYRENE COPOLYMER * BUTADIENE-STYRENE POLYMER * 1,3-BUTADIENE-STYRENE POLYMER * BUTADIENE-STYRENE RESIN * BUTAKON 85-71 * DIAREX 600 * DIENOL S * DOW 209 * DOW 234 * DOW 460 * DOW 620 * DOW 680 * DOW 816 * DOW LATEX 612 * DOWTEX TL 612 * DST 50 * DST 75 * DURANIT * DURANIT 40 * EDISTIR RB 268 * ETHENYLBENZENE POLYMER with 1,3-BUTADIENE (9CI) * GOODRITE 1800X73 * HISTYRENE S 6F * HYCAR LX 407 * K 55E * KOPOLYMER BUTADIEN STYRENOVY (Czech) * KRO 1 * KRO 2 * LITEX CA * LYTRON 5202 * MARBON 9200 * MARBON 8000A * NIPOL 407 * PHAROS 100.1 * PLIOFLEX * PLIOLITE 151 * PLIOLITE 160 * PLIOLITE 491 * PLIOLITE 55B * PLIOLITE 55 * PLIOLITE S 50 * PLIOLITE S 5A * PLIOLITE S-5B * PLIOLITE S-5C * PLIOLITE S 5D * PLIOLITE S-5E * POLYBUTADIENE-POLYSTYRENE COPOLYMER * POLYCO 2410 * POLYCO 2415 * PS-SU2 * R 104 * RICON 100 * RICON 181 * RICON 182 * RICON 183 * RICON A-84 * SBS * SBS (BLOCK POLYMER) * SBS COPOLYMER * SD 354 * SD 345 (POLYMER) * S6F HISTYRENE RESIN * SKS 85 * SOIL STABILIZER 661 * SOLPRENE 300 * SOLPRENE 303 * STYRENE-BUTADIENE COPOLYMER * STYRENE-1,3-BUTADIENE COPOLYMER * STYRENE-BUTADIENE POLYMER * SYNPOL 1500 * THERMOPLASTIC 125 * TR 201 * UP 1E * VESTYRON HI
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H MOD 28ZPAK -,257,72
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 19,231,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

STYRENE POLYMERS see: WL6475000

WL6478050 STYRENE, alpha,beta,beta-TRIFLUORO-
UPDT:8408 CAS: 447-14-3 MW: 158.13 MOLFM: C8-H5-F3
SYN: BENZENE, (TRIFLUOROETHENYL)- (9CI) * (TRIFLUOROETHENYL)BENZENE * alpha,beta,beta-TRIFLUOROSTYRENE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2500 mg/kg 85GMAT -,117,82
* ihl-rat LC30:8 gm/m3/4H 85GMAT -,117,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

STYREX C see: WL6475000
STYROCELL PM see: WL6475000
STYROFAN 2D see: WL6475000
STYROFLEX see: WL6475000
STYROFOAM see: WL6475000
STYROL (German) see: WL3675000
STYROLE see: WL3675000
STYROLENE see: WL3675000
STYROLUX see: WL6475000
STYROLYL PROPIONATE see: DP0620000
STYRON see: WL3675000
STYRON see: WL6475000
STYRON 475 see: WL6475000
STYRON 492 see: WL6475000
STYRON 666 see: WL6475000
STYRON 678 see: WL6475000
STYRON 679 see: WL6475000
STYRON 683 see: WL6475000
STYRON 685 see: WL6475000
STYRON 690 see: WL6475000
STYRON 69021 see: WL6475000
STYRON 440A see: WL6475000
STYRON 470A see: WL6475000
STYRON 475D see: WL6475000
STYRONE see: GE2200000
STYRON GP see: WL6475000
STYRON 666K27 see: WL6475000
STYRON PS 3 see: WL6475000
STYRON T 679 see: WL6475000
STYRON 666U see: WL6475000
STYRON 666V see: WL6475000
STYROPIAN see: WL6475000
STYROPIAN FH 105 see: WL6475000
STYROPOL see: WL3675000
STYROPOL HT 500 see: WL6475000
STYROPOL IBE see: WL6475000
STYROPOL JQ 300 see: WL6475000
STYROPOL KA see: WL6475000
STYROPOR see: WL3675000
STYROPOR see: WL6475000
STYRYL 430 see: VC3500000
trans-4'-STYRYLACETANILIDE see: AE7000000
p-STYRYLANILINE see: WJ3500000
5-STYRYL-3,4-BENZOPYRENE see: DJ7950000
STYRYL CARBINOL see: GE2200000
(STYRYL-1 CYCLOHEXYLE)-N PIPERIDINE (French) see: TN3802000
1-(1-STYRYLCYCLOHEXYL)PIPERIDINE see: TN3802000
STYRYL METHYL KETONE see: EN0330000
STYRYL OXIDE see: CZ9625000
2-(p-STYRYLPHENOXY)TRIETHYLAMIne see: YE2349000
2-(m-STYRYLPHENOXY)TRIETHYLAMINE HYDROCHLORIDE see: YE2349500
N-(p-STYRYLPHENYL)ACETOHYDROXAMIC ACETATE see: NC3440000
N-(p-STYRYLPHENYL)ACETOHYDROXAMIC ACID see: AL1600000
trans-N-(p-STYRYLPHENYL)ACETOHYDROXAMIC ACID see: AL1750000
N-(p-STYRYLPHENYL)ACETOHYDROXAMIC ACID ACETATE see: AL1800000
trans-N-(p-STYRYLPHENYL)ACETOHYDROXAMIC ACID, COPPER(2+) COMPLEX see: AL1925000
trans-N-(p-STYRYLPHENYL)HYDROXYLAMINE see: NC5075000
trans-N-(4-STYRYLPHENYL)HYDROXYLAMINE see: NC5075000
STZ see: LZ5775000
SU-88 see: AI8987000
SU-358 see: NI6130000
SU-415 see: NI6128000
SU-416 see: NI4840000
SU-422 see: NI5280000
SU-435 see: NI7850000
SU 2000 see: FF5250100
SU-2347 see: TX7032100
SU 3088 see: NR3675000
SU 3118 see: ZG0175000
SU-4885 see: UC3050000
SU 5864 see: MF2975000
SU-5864 see: MF3240000
SU 5879 see: DK9100000
SU-6518 see: UT0830000
SU 8341 see: DK8750000
SU-10568 see: SH1150000
SU 11927 see: TU4650000
SU-13320 see: YE2400000
SU-13437 see: UF6125000

WM1610000 SUAEDA MARITIMA Dum., extract
DEF:Indian plant belonging to the family CHENOPODIACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

SUANOVIL see: WG9420000
SUAVITIL see: DD2800000
SUBACETATE LEAD see: OF8750000
SUBAMYCIN see: QI9100000
SUBARI see: TL1970000
SUBCHLORIDE OF MERCURY see: OV8750000
SUBDUE see: AY6910000
SUBDUE 2E see: AY6910000
SUBDUE 5SP see: AY6910000
SUBERONISOXIM (German) see: CN4810000 2(1H)-AZOCINONE, HEXAHYDRO-
SUBICARD see: RZ2620000
SUBITEX see: SJ9800000
SUBLIMAT (Czech) see: OV9100000
SUBLIMAZE see: UE5600000
SUBLIMAZE CITRATE see: UE5600000
SUBLIMED SULFUR see: WS4250000
SUBLINGULA see: MI0700000

WM2575000 534 SUBSTANCE
DEF:Isolated from STREPTOMYCES PSEUDOGRISEOLUS (NIPDAD (35),1,78)
UPDT:8308
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 ug/kg NIPDAD (35),1,78

SUBSTANCE DS see: NM2450000
SUBSTANCE F see: GH0800000
SUBSTANCE H 20 see: AT2290000
SUBSTANCE H 30 see: RZ2474300
SUBSTANCE H 36 see: GD9720000
SUBSTANCE H 47 see: GD8421500
SUBSTANCE II see: AX7875000
SUBSTANZ 215 (German) see: SZ7640000
SUBSTANZ A216 (German) see: CB9375000
SUBSTANZ DS see: NM2450000
SUBSTANZ NR. 1602 (German) see: KR5155000
SUBSTANZ NR. 1766 (German) see: KR2975000
SUBTILISIN (9CI) see: CO9550000
SUBTILISIN BPN' see: CO9550000
SUBTILISIN CARLSBURG see: CO9550000
SUBTILISIN NOVO see: CO9550000
SUBTILOPEPTIDASE A see: CO9550000
SUBTILOPEPTIDASE B see: CO9550000
SUBTILOPEPTIDASE BPN' see: CO9550000
SUBTILOPEPTIDASE C see: CO9550000
SUBTOSAN see: TR8370000
SUCARYL CALCIUM see: GV7100000
SUCARYL SODIUM see: GV7350000
SUCCARIL see: DE4550000
SUCCARIL see: GV7350000
SUCCICURAN see: GA2360000
SUCCIMAL see: WN2800000
SUCCIMER see: Wm7650000
SUCCIMITIN see: WN2800000

WM3200000 SUCCINALDEHYDE
UPDT:8401 CAS: 638-37-9 MW: 86.10 MOLFM: C4-H6-O2
SYN: BUTANEDIAL (9CI) * 1,4-BUTANEDIAL * 1,4-BUTANEDIONE * 1,4-BUTANEDIONE (DOT) * beta-FORMYLPROPIONALDEHYDE * SUCCINDIALDEHYDE * SUCCINIC ALDEHYDE * SUCCINIC DIALDEHYDE * UN 2346 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WM3380000 SUCCINALDEHYDIC ACID
UPDT:8310 CAS: 692-29-5 MW: 102.10 MOLFM: C4-H6-O3
SYN: BUTANOIC ACID, 4-OXO- (9CI) * BUTYRALDEHYDIC ACID * 3-FORMYLPROPANOIC ACID * beta-FORMYLPROPIONIC ACID * 3-FORMYLPROPIONIC ACID * gamma-OXYBUTYRIC ACID * SUCCINIC ACID SEMIALDEHYDE * SUCCINIC SEMIALDEHYDE
TOXICITY DATA AND REFERENCES:
2F07F18 ipr-mus LD50:1900 mg/kg PCJOAU 3,697,69

WM3402000 SUCCINALDEHYDIC ACID, O-METHYLOXIME, N-OXIDE
UPDT:8402 MW: 145.13 MOLFM: C5-H7-N-O4
SYN: MELROSPORUS * U-22956
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:40 mg/kg 85GDA2 6,383,81
UPDT:8408

WM3407000 SUCCINAMIC ACID, 3-AMINO-N-(alpha-CARBOXYPHENETHYL)-, N-METHYL ESTER, stereoisomer
UPDT:8411 CAS: 22839-47-0 MW: 294.34 MOLFM: C14-H18-N2-O5
SYN: 3-AMINO-N-(alpha-CARBOXYPHENETHYL)SUCCINAMIC ACID N-METHYL ESTER, stereoisomer * ASPARTAME * ASPARTYLPHENYLALANINE METHYL ESTER * CANDEREL * DIPEPTIDE SWEETENER * METHYL ASPARTYLPHENYLALANATE * 1-METHYL N-L-alpha-ASPARTYL-L-PHENYLALANINE * L-PHENYLALANINE, N-L-alpha-ASPARTYL-, 1-METHYL ESTER (9CI) * SWEET DIPEPTIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 orl-rat TDLo:275 gm/kg (2W male/2W pre-16D post) NETOD7 1,79,79
1T81 orl-rat TDLo:106 gm/kg (12D post) JEPTDQ 3(5-6),375,80
1T76 orl-rat TDLo:449 gm/kg (2W male/2W pre-21D post) NETOD7 1,79,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WM3407500 SUCCINAMIC ACID, 3-BENZAMIDO-N-BENZYL-, DL-
UPDT:8412 CAS: 6461-02-5 MW: 326.38 MOLFM: C18-H18-N2-O4
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1600 mg/kg MIMEAO 58,3653,67

WM3407600 SUCCINAMIC ACID, 3-BENZAMIDO-N,N-DIETHYL-, DL-
UPDT:8412 CAS: 6460-79-3 MW: 292.37 MOLFM: C15-H20-N2-O4
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:4500 mg/kg MIMEAO 58,3653,67

WM3408000 SUCCINAMIC ACID, N-BENZYL-, SODIUM SALT
UPDT:8402 MW: 229.23 MOLFM: C11-H12-N-O3 . Na
SYN: N-BENZYLSUCCINAMIC ACID SODIUM SALT * SEL de SODIUM du BENZYLSUCCINAMIDE (French)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:5500 mg/kg APFRAD 9,390,51

WM3420000 SUCCINAMIC ACID, N-BUTYL-N-NITROSO-, ETHYL ESTER

UPDT 8403 MW: 230.30 MOLFM: C10-H18-N2-O4

SYN: N-BUTYL-N-NITROSOSUCCINAMIC ACID ETHYL ESTER * EBNS * ETHYL N-BUTYL-N-NITROSOSUCCINAMATE * N-NITROSO-N-(3-CARBOETHOXYPROPIONYL)BUTYLAMINE

TUMORIGENIC DATA AND REFERENCES:

3V01J60V10 scu-rat TDLo:70500 ug/kg/10W-I GANNA2 73,687,82

3V01J60V10 scu-rat TD :87 mg/kg/10W-I IAPUDO 41,169,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WM3430000 SUCCINAMIC ACID, N-(5-CARBOXYMETHYL-4-(p-CHLOROPHENYL)-2-THIAZOLYL)-, 5'-METHYL ESTER

UPDT 8306 CAS: 71013-44-0 MW: 382.84 MOLFM: C16-H15-Cl-N2-O5-S

SYN: ESAT * ESTER METYL KWASU 2-SUKCYNYLO AMINO-4-p-CHLOROFENYLO TIAZOLO-5-OCTOWEGO (Polish) * METHYL ESTER of 2-SUCCINYLAMINO-4-p-CHLOROPHENYLTHIAZOLE-5-ACETIC ACID * 2-SUCCINYLAMINO-4-p-CHLOROPHENYLTHIAZOLE-5-ACETIC ACID METHYL ESTER

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:300 mg/kg AITEAT 27,777,79

WM3435000 SUCCINAMIC ACID, N,N-DIETHYL-

UPDT 8303 CAS: 1522-00-5 MW: 173.24 MOLFM: C8-H15-N-O3

SYN: BUTANOIC ACID, 4-(DIETHYLAMINO)-4-OXO- (9CI) * N,N-DIETHYLSUCCINAMIC ACID * N,N-DIETHYLSUCCINIC ACID MONOAMIDE * Mg 164 * MONODIETILAMIDE DELL'ACIDO SUCCINICO (Italian)

TOXICITY DATA AND REFERENCES:

* unk-mam LD50:2000 mg/kg FSTEAI 6,807,51

WM3750000 SUCCINAMIC ACID, N-((2-METHOXY-3-((1,2,3,6-TETRAHYDRO-1,3-DIMETHYL-2,6-DIOXOPURIN-7-YL) MERCURI)PROPYL)CARBAMOYL)-

UPDT 8402 CAS: 8069-64-5 MW: 611.03 MOLFM: C16-H22-Hg-N6-O7

SYN: (3-(3-(3-CARBOXYPROPIONYL)UREIDO)-2-METHOXYPROPYL)(THEOPHYLLINATO)MERCURY * MERALLURIDE * MERCUHYDRIN * THEOPHYLLINE METHOXYOXIMERCURIPROPYL SUCCINYLUREA

TOXICITY DATA AND REFERENCES:

scu-rat LD50:28 mg/kg TXAPA9 18,185,71

ims-rat LD50:37 mg/kg JPETAB 105,336,52

scu-mus LD50:256 mg/kg JPETAB 105,336,52

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

WM3802000 SUCCINAMIC ACID, N-(beta-METHYLPHENETHYL)-, SODIUM SALT

UPDT 8402 MW: 257.29 MOLFM: C13-H16-N-O3 .Na

SYN: N-(beta-METHYLPHENETHYL)SUCCINAMIC ACID SODIUM SALT * SEL de SODIUM du PHENYLISOPROPYLSUCCINAMIDE (French)

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:2500 mg/kg APFRAD 9,390,51

WM3808000 SUCCINAMIC ACID, N-PHENETHYL-, SODIUM SALT

UPDT 8402 MW: 243.28 MOLFM: C12-H14-N-O3 .Na

SYN: N-PHENETHYLSUCCINAMIC ACID SODIUM SALT * SEL de SODIUM du PHENYLSUCCINAMIDE (French)

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:2750 mg/kg APFRAD 9,390,51

WM3825000 SUCCINAMIC ACID, N-(4'-o-TOLYL-o-TOLYLAZO)-

UPDT 8401 CAS: 63042-12-7 MW: 325.40 MOLFM: C18-H19-N3-O3

SYN: 4'-SUCCINOYLAMINO-2,3'-DIMETHYLAZOBENZENE * 4'-SUCCINYLAMINO-2,3'-DIMETHYLAZOBENZOL

TUMORIGENIC DATA AND REFERENCES:

2V03L60 orl-rat TDLo:94 gm/kg/54W-C GANNA2 33,196,39

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WM4100000 SUCCINAMIDE, N,N,N',N'-TETRAETHYL-

UPDT 8303 CAS: 22692-57-5 MW: 228.38 MOLFM: C12-H24-N2-O2

SYN: BISDIETILAMIDE DELL'ACIDO SUCCINICO (Italian) * Mg 145 * N,N,N',N'-TETRAETHYLSUCCINAMIDE

TOXICITY DATA AND REFERENCES:

* unk-mam LD50:1060 mg/kg FSTEAI 6,807,51

WM4200000 SUCCINANILIC ACID, 3'-AMINO-4',6'-DIIODO-

UPDT 8403 CAS: 37938-56-2 MW: 460.02 MOLFM: C10-H10-I2-N2-O3

SYN: 4-((5-AMINO-2,4-DIIODOPHENYL)AMINO)-4-OXOBUTYRIC ACID * 3'-AMINO-4',6'-DIIODOSUCCINANILIC ACID * BUTYRIC ACID, 4-((5-AMINO-2,4-DIIODOPHENYL)AMINO)-4-OXO- (9CI) * N-(DIJOD-AMINO-PHENYL)SUCCINAMIDSAEURE (German)

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:3600 mg/kg PHARAT 27,391,72

WM4210000 SUCCINALIC ACID, 3'-AMINO-N,2(or 3)-DIMETHYL-2',4',6'-TRIIODO-

UPDT 8408 MW: 613.97 MOLFM: C12-H13-I3-N2-O3

SYN: N-METHYL-N-(2,4,6-TRIJOD-3-AMINOPHENYL)-METHYLSUCCINAMIDSAEURE (German) * RG 376

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:8 gm/kg PHARAT 27,411,72

WM4220000 SUCCINANILIC ACID, 3'-AMINO-N-ETHYL-2',4',6'-TRIIODO-

UPDT 8403 CAS: 1634-73-7 MW: 613.97 MOLFM: C12-H13-I3-N2-O3

SYN: N-AETHYL-N-(2,4,6-TRIJOD-3-AMINOPHENYL)-SUCCINAMIDSAEURE (German) * 3'-AMINO-N-ETHYL-2',4',6'-TRIIODOSUCCINANILIC ACID * BUTANOIC ACID, 4-((3-AMINO-2,4,6-TRIIODOPHENYL)ETHYLAMINO)-4-OXO- * RG 235 * SH 771

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:370 mg/kg PHARAT 27,411,72

* orl-mus LD50:650 mg/kg PHARAT 27,391,72

* ivn-mus LD50:288 mg/kg PHARAT 27,411,72

WM4240000 SUCCINANILIC ACID, 3'-AMINO-N-METHYL-2',4',6'-TRIIODO-

UPDT 8403 CAS: 1221-05-2 MW: 599.94 MOLFM: C11-H11-I3-N2-O3

SYN: 3'-AMINO-N-METHYL-2',4',6'-TRIIODOSUCCINANILIC ACID * BUTANOIC ACID, 4-((3-AMINO-2,4,6-TRIIODOPHENYL)METHYLAMINO)-4-OXO- (9CI) * N-METHYL-N-(2,4,6-TRIJOD-3-AMINOPHENYL)-SUCCINAMIDSAEURE (German)

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1200 mg/kg PHARAT 27,391,72

WM4260000 SUCCINANILIC ACID, 3'-AMINO-N-PROPYL-2',4',6'-TRIIODO-

UPDT 8403 CAS: 37934-63-7 MW: 628.00 MOLFM: C13-H15-I3-N2-O3

SYN: 3'-AMINO-N-PROPYL-2',4',6'-TRIIODOSUCCINANILIC ACID * BUTANOIC ACID, 4-((3-AMINO-2,4,6-TRIIODOPHENYL)PROPYLAMINO)-4-OXO- (9CI) * N-PROPYL-N-(2,4,6-TRIJOD-3-AMINOPHENYL)-SUCCINAMIDSAEURE (German)

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1100 mg/kg PHARAT 27,391,72

WM4400000 SUCCINANILIC ACID, 3'-ETHOXY-N-ETHYL-2',4',6'-TRIIODO-

UPDT 8403 CAS: 37938-74-2 MW: 643.01 MOLFM: C14-H16-I3-N-O4

SYN: BUTANOIC ACID, 4-((3-ETHOXY-2,4,6-TRIIODOPHENYL)ETHYLAMINO)-4-OXO- (9CI) * 3'-ETHOXY-N-ETHYL-2',4',6'-TRIIODOSUCCINANILIC ACID

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:300 mg/kg PHARAT 27,391,72

WM4420000 SUCCINANILIC ACID, 3'-ETHOXY-N-METHYL-2',4',6'-TRIIODO-

UPDT 8403 CAS: 37938-65-1 MW: 628.98 MOLFM: C13-H14-I3-N-O4

SYN: BUTANOIC ACID, 4-((3-ETHOXY-2,4,6-TRIIODOPHENYL)METHYLAMINO)-4-OXO- (9CI) * 3'-ETHOXY-N-METHYL-2',4',6'-TRIIODOSUCCINANILIC ACID

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:900 mg/kg PHARAT 27,391,72

WM4440000 SUCCINANILIC ACID, 3'-ETHOXY-N-PROPYL-2',4',6'-TRIIODO-

UPDT 8403 CAS: 38182-61-3 MW: 657.04 MOLFM: C15-H18-I3-N-O4

SYN: BUTANOIC ACID, 4-((3-ETHOXY-2,4,6-TRIIODOPHENYL)PROPYLAMINO)-4-OXO- (9CI) * 3'-ETHOXY-N-PROPYL-2',4',6'-TRIIODOSUCCINANILIC ACID

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:900 mg/kg PHARAT 27,391,72

WM4500000 SUCCINANILIC ACID, N-ETHYL-3'-METHOXY-2',4',6'-TRIIODO-

UPDT 8403 CAS: 37939-99-3 MW: 628.98 MOLFM: C13-H14-I3-N-O4

SYN: N-AETHYL-N-(2,4,6-TRIJOD-3-METHOXYPHENYL)-SUCCINAMIDSAEURE (German) * BUTANOIC ACID, 4-(ETHYL(2,4,6-TRIIODO-3-METHOXYPHENYL)AMINO)-4-OXO- (9CI) * N-ETHYL-3'-METHOXY-2',4',6'-TRIIODOSUCCINANILIC ACID

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:575 mg/kg PHARAT 27,391,72

WM4600000 SUCCINANILIC ACID, 3'-HYDROXY-2',4',6'-TRIIODO-

UPDT 8405 MW: 586.89 MOLFM: C10-H8-I3-N-O4

SYN: BUTYRIC ACID, 4-((3-HYDROXY-2,4,6-TRIIODOPHENYL)AMINO)-4-OXO- (9CI) * 3'-HYDROXY-2',4',6'-TRIIODOSUCCINANILIC ACID * N-(2,4,6-TRIJOD-3-HYDROXYPHENYL)-SUCCINAMIDSAEURE (German)

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:4500 mg/kg PHARAT 27,391,72

WM4650000 SUCCINANILIC ACID, 3'-HYDROXY-2',4',6'-TRIIODO-N-PROPYL-

UPDT 8403 CAS: 10515-72-7 MW: 628.98 MOLFM: C13-H14-I3-N-O4

SYN: BUTYRIC ACID, 4-((3-HYDROXY-2,4,6-TRIIODOPHENYL)PROPYLAMINO)-4-OXO- (9CI) * 3'-HYDROXY-2',4',6'-TRIIODO-N-PROPYLSUCCINANILIC ACID * N-PROPYL-N-(2,4,6-TRIJOD-3-HYDROXYPHENYL)-SUCCINAMIDSAEURE (German)

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:950 mg/kg PHARAT 27,391,72

WM4670000 SUCCINANILIC ACID, 3'-HYDROXY-2',4',6'-TRIIODO-, SODIUM SALT

UPDT 8405 MW: 608.87 MOLFM: C10-H7-I3-N-O4 .Na

SYN: 3'-HYDROXY-2',4',6'-TRIIODOSUCCINALIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:5500 mg/kg PHARAT 16,389,61

WM4750200 SUCCINANILIC ACID, 3'-METHOXY-N-PROPYL-2',4',6'-TRIIODO-

UPDT 8403 CAS: 37938-78-6 MW: 643.01 MOLFM: C14-H16-I3-N-O4

SYN: BUTANOIC ACID, 4-OXO-4-(PROPYL(2,4,6-TRIIODO-3-METHOXYPHENYL)AMINO)- (9CI) * 3'-METHOXY-N-PROPYL-2',4',6'-TRIIODOSUCCINANILIC ACID * N-PROPYL-N-(2,4,6-TRIJOD-3-METHOXYPHENYL)-SUCCINAMIDSAEURE (German)

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:550 mg/kg PHARAT 27,391,72

WM4750500 SUCCINANILIC ACID, N-METHYL-3'-PROPOXY-2',4',6'-TRIIODO-

UPDT 8403 CAS: 37938-64-0 MW: 643.01 MOLFM: C14-H16-I3-N-O4

SYN: BUTANOIC ACID, 4-(METHYL(2,4,6-TRIIODO-3-PROPOXYPHENYL)AMINO)-4-OXO- * N-METHYL-3'-PROPOXY-2',4',6'-TRIIODOSUCCINANILIC ACID

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:400 mg/kg PHARAT 27,391,72

WM4751000 SUCCINANILIC ACID, N-METHYL-2',4',6'-TRIIODO-

UPDT 8403 CAS: 18982-98-4 MW: 584.92 MOLFM: C11-H10-I3-N-O3

SYN: BUTANOIC ACID, 4-(METHYL(2,4,6-TRIIODOPHENYL)AMINO)-4-OXO- * N-METHYL-2',4',6'-TRIIODOSUCCINANILIC ACID * N-METHYL-N-(2,4,6-TRIJODPHENYL)-SUCCINAMIDSAEURE (German)

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1300 mg/kg PHARAT 27,391,72

WM4762000 SUCCINANILIC ACID, 3'-PROPOXY-N-PROPYL-2',4',6'-TRIIODO-

UPDT 8403 CAS: 37938-70-8 MW: 671.07 MOLFM: C16-H20-I3-N-O4

SYN: BUTANOIC ACID, 4-OXO-4-(PROPYL(2,4,6-TRIIODO-3-PROPOXYPHENYL)AMINO)- (9CI) * 3'-PROPOXY-N-PROPYL-2',4',6'-TRIIODOSUCCINANILIC ACID

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:600 mg/kg PHARAT 27,391,72

WM4770000 SUCCINANILIC ACID, 4'-(2-THIAZOLYLSULFAMOYL)-, MONOHYDRATE

UPDT 8403 CAS: 6101-17-3 MW: 373.43 MOLFM: C13-H13-N3-O5-S2 .H2-O

SYN: BAQXIDIN MONOHYDRATE * 4-OXO-4-((4-((2-THIAZOLYLAMINO)SULFONYL)PHENYL)AMINO)BUTANOIC ACID MONOHYDRATE * 2-(N(sup 4)-SUCCINYLSULFANILAMIDO)THIAZOLE HYDRATE * SUCCINYLSULFATHIAZOLE MONOHYDRATE * SULFASUXIDINE MONOHYDRATE * SULFENTERONE MONOHYDRATE * THIACYL MONOHYDRATE * p-2-THIAZOLYLSULFAMOYLSUCCINANILIC ACID MONOHYDRATE * 4'-(2-THIAZOLYLSULFAMOYL)SUCCINANILIC ACID MONOHYDRATE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:5700 mg/kg MEIEDD 10,1272,83

SUCCINATE of 8-OXYQUINOLINE see: VC8258000

SUCCINATE SODIQUE de 21-HYDROXYPREGNANDIONE (French) see: TU4157250

SUCCINATO de CLORANFENICOL (Spanish) see: WM9650000

SUCCINCHLORIMIDE see: UY1013500

SUCCINDIALDEHYDE see: WM3200000

WM4950000 SUCCINIC ACID, 2-((ALLYLCARBAMOYL)METHYL)-2-(HYDROXYMETHOXY)-, gamma-LACTONE

UPDT 8406 MW: 243.24 MOLFM: C10-H13-N-O6

SYN: 2-((ALLYLCARBAMOYL)METHYL)-2-(HYDROXYMETHOXY)SUCCINIC ACID gamma-LACTONE

TOXICITY DATA AND REFERENCES:

3F05F19'25 ivn-mus LD50:400 mg/kg JAPMA8 47,853,58

SUCCINIC ACID ANHYDRIDE see: WN0875000

WM5050000 SUCCINIC ACID, BIS(3-CARBOXY-4-HYDROXYPHENYL) ESTER

UPDT 8405 MW: 422.32 MOLFM: C18-H14-O12

SYN: 5,5'-SUCCINYL DIGENTISIC ACID

TOXICITY DATA AND REFERENCES:

1F12 ivn-mus LD50:155 mg/kg JAPMA8 42,254,53

SUCCINIC ACID BIS(beta-DIMETHYLAMINOETHYL) ESTER BISMETHIODIDE see: GA5250000

SUCCINIC ACID, BIS(beta-DIMETHYLAMINOETHYL) ESTER, DIHYDROCHLORIDE see: GA2360000

SUCCINIC ACID, BIS(beta-DIMETHYLAMINOETHYL)ESTER DIMETHOCHLORIDE see: GA2360000

WM5425000 SUCCINIC ACID, BIS(2-(HEXYLOXY)ETHYL) ESTER

UPDT 8407 CAS: 10058-20-5 MW: 374.58 MOLFM: C20-H38-O6

SYN: SUCCINIC ACID, DI-2-HEXYLOXYETHYL ESTER

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open MLD AMIHBC 10,61,54

eye-rbt 500 mg open AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:4280 mg/kg AMIHBC 10,61,54

* skn-rbt LD50:12310 mg/kg AMIHBC 10,61,54

WM5550000 SUCCINIC ACID, alpha-BUTYLBENZYL ESTER

UPDT 8306 MW: 264.35 MOLFM: C15-H20-O4

SYN: AF 434 * alpha-BUTYLBENZYL ESTER of SUCCINIC ACID * EMISUCCINATO dell' 1-FENIL-1-IDROSSI-n-PENTANO (Italian) * 1-PHENYL-1-HYDROXY-n-PENTANE HEMISUCCINATE ESTER

TOXICITY DATA AND REFERENCES:

2F20F25 ipr-mus LD50:358 mg/kg BCFAAI 100,855,61

WM5562000 SUCCINIC ACID, BUTYL ESTER, ESTER with D-threo-(-)-2,2-DICHLORO-N-(beta-HYDROXY-alpha- (HYDROXYMETHYL)-p-NITROPHENETHYL)ACETAMIDE

UPDT 8309 MW: 479.35 MOLFM: C19-H24-Cl2-N2-O8

SYN: CHLORAMPHENICOL BUTYLSUCCINATE * CHLORAMPHENICOL MONOSUCCINATE BUTYL ESTER

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2500 mg/kg ANTCAO 12,22,62

WM5562500 SUCCINIC ACID, sec-BUTYL ESTER, ESTER with D-threo-(-)-2,2-DICHLORO-N-(beta-HYDROXY- alpha-(HYDROXYMETHYL)-p-NITROPHENETHYL)ACETAMIDE

UPDT 8308 MW: 479.35 MOLFM: C19-H24-Cl2-N2-O8

SYN: CHLORAMPHENICOL sec-BUTYLSUCCINATE * CHLORAMPHENICOL MONOSUCCINATE sec-BUTYL ESTER

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1750 mg/kg ANTCAO 12,22,62

WM5600000 SUCCINIC ACID, CADMIUM SALT (1:1)

UPDT 8309 CAS: 141-00-4 MW: 228.48 MOLFM: C4-H4-O4 .Cd

SYN: CADMINATE * CADMIUM SUCCINATE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:660 mg/kg FMCHA2 -,C41,83

orl-mus LD50:312 mg/kg 28ZEAL 5,35,76

1F04	ipr-mus LD50:270 mg/kg	AIPTAK 128,391,60

REVIEW AND REFERENCES:

★	TLV-TWA 50 ug(Cd)/m3; STEL 200 ug(Cd)/m3	DTLVS* 4,59,80

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 200 ug(Cd)/m3;CL 600 ug(Cd)/m3 (dust) (SCP-W)	FEREAC 39,23540,74
★	CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CADMIUM recm std-air:TWA 40 ug/m3;CL 200 ug/m3/15M	NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WM5620000 SUCCINIC ACID, 2-((p-CARBOXYPHENYL)CARBAMOYL)METHYL)-2-(HYDROXYMETHOXY)-, gamma-LACTONE
UPDT:8406 MW: 323.28 MOLFM: C14-H13-N-O8
SYN: 2-((p-CARBOXYPHENYL)CARBAMOYL)METHYL)-2-(HYDROXYMETHOXY)SUCCINIC ACID gamma-LACTONE

TOXICITY DATA AND REFERENCES:

3F05F19J25	ivn-mus LD50:640 mg/kg	JAPMA8 47,853,58

WM5785000 SUCCINIC ACID, CYCLOHEXYL ESTER, ESTER with D-threo-(-)-2,2-DICHLORO-N-(beta-HYDROXY- alpha-(HYDROXYMETHYL)-p-NITROPHENETHYL)ACETAMIDE
UPDT:8308 MW: 505.39 MOLFM: C21-H26-Cl2-N2-O8
SYN: CHLORAMPHENICOL CYCLOHEXANE SUCCINATE * CHLORAMPHENICOL MONOSUCCINATE CYCLOHEXYL ESTER

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2000 mg/kg	ANTCAO 12,22,62

SUCCINIC ACID compd. with (1,3-DIAMINOPROPANE-1,1,3,3-TETRAYL)TETRAPHOSPHONIC ACID see: SZ7563150

WM6250000 SUCCINIC ACID, DIBUTYL ESTER
UPDT:8403 CAS: 141-03-7 MW: 230.34 MOLFM: C12-H22-O4
SYN: B-9 * BUTANEDIOIC ACID DIBUTYL ESTER * BUTYL BUTANEDIOATE * DIBUTYL SUCCINATE * DI-n-BUTYLSUCCINATE * ENT 666 * SUCCINIC ACID DI-n-BUTYL ESTER * TABATREX * TABUTREX

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:8000 mg/kg	FMCHA2 -,C227,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SUCCINIC ACID DI-n-BUTYL ESTER see: WM6250000
SUCCINIC ACID, DIESTER with CHOLINE CHLORIDE see: GA2360000
SUCCINIC ACID, DIESTER with CHOLINE IODIDE see: GA5250000

WM7400000 SUCCINIC ACID, DIETHYL ESTER
UPDT:8407 CAS: 123-25-1 MW: 174.22 MOLFM: C8-H14-O4
SYN: BUTANEDIOIC ACID, DIETHYL ESTER * DIETHYL SUCCINATE * ETHYL SUCCINATE

IRRITATION DATA AND REFERENCES:

	skn-rat 100% MLD	FCTXAV 16,707,78
	eye-rat 100% MLD	FCTXAV 16,707,78
	skn-rbt 10 mg/24H open MLD	AMIHBC 4,119,51
	eye-rbt 500 mg/24H open MLD	AMIHBC 4,119,51

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:8530 mg/kg	AMIHBC 4,119,51

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SUCCINIC ACID, DI-2-HEXYLOXYETHYL ESTER see: WM5425000
UPDT:8412

WM7640000 SUCCINIC ACID, 2,3-DIMERCAPTO-
UPDT:8401 CAS: 2418-14-6 MW: 182.22 MOLFM: C4-H6-O4-S2
SYN: BUTANEDIOIC ACID, 2,3-DIMERCAPTO- (9CI) * DIMERCAPTOSUCCINIC ACID * alpha,beta-DIMERCAPTOSUCCINIC ACID * 2,3-DIMERCAPTOSUCCINIC ACID * SUXIMER

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:4 gm/kg	YHHPAL 15,335,80
*	orl-mus LD50:6 gm/kg	YHHPAL 15,335,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WM7645000 SUCCINIC ACID, 2,3-DIMERCAPTO-, (+-)-
UPDT:8411 CAS: 10068-75-0 MW: 182.22 MOLFM: C4-H6-O4-S2
SYN: DL-DIMERCAPTOSUCCINIC ACID * DL-2,3-DIMERCAPTOSUCCINIC ACID * DL-DMSA

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1975 mg/kg	TXAPA9 69,206,83

WM7650000 SUCCINIC ACID, 2,3-DIMERCAPTO-, meso-
UPDT:8303 CAS: 304-55-2 MW: 182.22 MOLFM: C4-H6-O4-S2
SYN: BUTANEDIOIC ACID, 2,3-DIMERCAPTO-, (R*,S*)- (9CI) * DIM-SA * DMSA * meso-DIMERCAPTOSUCCINIC ACID * meso-2,3-DIMERCAPTOSUCCINIC ACID * DMS * DTS * Ro 1-7977 * SUCCIMER

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:500 mg/kg	NTIS** AD691-490
2F07R21	scu-mus LD50:1725 mg/kg	AIPTAK 131,283,61
2F07R21	ivn-rbt LDLo:2700 mg/kg	AIPTAK 131,283,61

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SUCCINIC ACID 2,2-DIMETHYLHYDRAZIDE see: WM9625000
SUCCINIC ACID DINITRILE see: WN3850000

WM7750000 SUCCINIC ACID, DIPROPYL ESTER
UPDT:8407 CAS: 925-15-5 MW: 202.28 MOLFM: C10-H18-O4
SYN: BUTANEDIOIC ACID, DIPROPYL ESTER * DIPROPYL SUCCINATE * DI-n-PROPYL SUCCINATE

IRRITATION DATA AND REFERENCES:

	eye-rbt 500 mg open	AMIHBC 10,61,54

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:6490 mg/kg	AMIHBC 10,61,54
	ipr-rat LD50:290 mg/kg	NEPSBV 1,286,59

WM7753000 SUCCINIC ACID, DODECYL ESTER, ESTER with D-threo-(-)-2,2-DICHLORO-N-(beta-HYDROXY-alpha- (HYDROXYMETHYL)-p-NITROPHENETHYL)ACETAMIDE
UPDT:8308 MW: 591.59 MOLFM: C27-H40-Cl2-N2-O8
SYN: CHLORAMPHENICOL DODECYLSUCCINATE * CHLORAMPHENICOL MONOSUCCINATE DODECYL ESTER

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2000 mg/kg	ANTCAO 12,22,62

WM7765000 SUCCINIC ACID, ESTER with 8,9-DIHYDRO-4-(HYDROXYMETHYL)-6,9-DIMETHYL- 2,8-DIOXOPYRIDO(3,2-g)QUINOLINE-1(2H)-CARBOXALDEHYDE
UPDT:8308 CAS: 5978-64-3 MW: 398.40 MOLFM: C20-H18-N2-O7
SYN: NYBOMYCIN SUCCINATE

TOXICITY DATA AND REFERENCES:

2F07F33	ipr-mus LD50:200 mg/kg	ANTCAO 8,631,58

WM8055000 SUCCINIC ACID, 2-HYDROXYETHYL ESTER, ESTER with BENZYLCARBAMIC ACID, MONOSODIUM SALT
UPDT:8402 MW: 317.30 MOLFM: C14-H16-N-O6 Na
SYN: SEL de SODIUM du SUCCINATE de BENZYLCARBAMATE d'ETHYLE (French)

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:120 mg/kg	APFRAD 9,390,51

WM8060000 SUCCINIC ACID, 2-HYDROXYETHYL ESTER, ESTER with (beta-METHYLPHENETHYL)CARBAMIC ACID, MONOSODIUM SALT
UPDT:8402 MW: 345.36 MOLFM: C16-H20-N-O6 Na
SYN: SEL de SODIUM du SUCCINATE de PHENYLISOPROPYLCARBAMATE d'ETHYLE (French)

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:40 mg/kg	APFRAD 9,390,51

WM8063000 SUCCINIC ACID, 2-HYDROXYETHYL ESTER, ESTER with PHENETHYLCARBAMIC ACID, MONOSODIUM SALT
UPDT:8402 MW: 331.33 MOLFM: C15-H18-N-O6 Na
SYN: SEL de SODIUM du SUCCINATE de PHENETHYLCARBAMATE d'ETHYLE (French)

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:75 mg/kg	APFRAD 9,390,51

WM8070000 SUCCINIC ACID, 2-(HYDROXYMETHOXY)-2-((p-SULFAMOYLPHENYLCARBAMOYL)METHYL)-, gamma-LACTONE
UPDT:8406 MW: 358.35 MOLFM: C13-H14-N2-O8-S
SYN: 2-(HYDROXYMETHOXY)-2-((p-SULFAMOYLPHENYLCARBAMOYL)METHYL)SUCCINIC ACID gamma-LACTONE

TOXICITY DATA AND REFERENCES:

3F05F19J25	ivn-mus LD50:570 mg/kg	JAPMA8 47,853,58

SUCCINIC ACID, O-ISOPROPYL-O'-TRIBUTYLSTANNYL ESTER see: WH8583550

WM8250000 SUCCINIC ACID, MERCAPTO-, 4-ALLYL 1-(2-MERCAPTOPROPYL) ESTER, S,S-DIESTER with O,O-DIMETHYL- PHOSPHORODITHIOATE
UPDT:8309 CAS: 32358-07-9 MW: 512.58 MOLFM: C14-H26-O8-P2-S4
SYN: ENT 25,620 * VELSICOL 58-CS-39

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:762 mg/kg	ARSIM* 20,27,66

WM8400000 SUCCINIC ACID, MERCAPTO-, DIETHYL ESTER, S-ester with O,O-DIMETHYL PHOSPHORODITHIOATE
UPDT:8412 CAS: 121-75-5 MW: 330.38 MOLFM: C10-H19-O6-P-S2
SYN: AMERICAN CYANAMID 4,049 * S-(1,2-BIS(AETHOXY-CARBONYL)-AETHYL)-O,O-DIMETHYL-DITHIOPHASPHAT (German) * S-(1,2-BIS(CARBETHOXY)ETHYL) O,O-DIMETHYL DITHIOPHOSPHATE * S-(1,2-BIS(ETHOXY-CARBONYL)-ETHYL)-O,O-DIMETHYL-DITHIOFOSFAAT (Dutch) * S-(1,2-BIS(ETHOXYCARBONYL)ETHYL) O,O-DIMETHYL PHOSPHORODITHIOATE * S-1,2-BIS(ETHOXYCARBONYL)ETHYL-O,O-DIMETHYL THIOPHOSPHATE * S-(1,2-BIS(ETOSSI-CARBONIL)-ETIL)-O,O-DIMETIL-DITIOFOSFATO (Italian) * CALMATHION * CARBETOX * CARBETHOXY MALATHION * CARBETOVUR * CARBOFOS * CARBOPHOS * CELTHION * CHEMATHION * CIMEXAN * COMPOUND 4049 * CYTHION * DETMOL MA * DETMOL MA 96% * S-(1,2-DICARBETHOXYETHYL) O,O-DIMETHYLDITHIOPHOSPHATE * DICARBOETHOXYETHYL O,O-DIMETHYL PHOSPHORODITHIOATE * 1,2-DI(ETHOXYCARBONYL)ETHYL O,O-DIMETHYL PHOSPHORODITHIOATE * S-(1,2-DI(ETHOXYCARBONYL)ETHYL DIMETHYL PHOSPHOROTHIOLOTHIONATE * DIETHYL (DIMETHOXYPHOSPHINOTHIOYLTHIO) BUTANEDIOATE * DIETHYL (DIMETHOXYPHOSPHINOTHIOYLTHIO)SUCCINATE * DIETHYL MERCAPTOSUCCINATE, O,O-DIMETHYL DITHIOPHOSPHATE, S-ESTER * DIETHYL MERCAPTOSUCCINATE, O,O-DIMETHYL PHOSPHORODITHIOATE * DIETHYL MERCAPTOSUCCINATE, O,O-DIMETHYL THIOPHOSPHATE * DIETHYL MERCAPTOSUCCINATE S-ESTER with O,O-DIMETHYLPHOSPHORODITHIOATE * DIETHYL MERCAPTOSUCCINIC ACID O,O-DIMETHYL PHOSPHORODITHIOATE * ((DIMETHOXYPHOSPHINOTHIOYL)THIO)BUTANEDIOIC ACID DIETHYL ESTER * O,O-DIMETHYL-S-(1,2-BIS(ETHOXYCARBONYL)ETHYL)DITHIOPHOSPHATE * O,O-DIMETHYL-S-(1,2-DICARBETHOXYETHYL) DITHIOPHOSPHATE * O,O-DIMETHYL-S-(1,2-DICARBETHOXYETHYL)PHOSPHORODITHIOATE * O,O-DIMETHYL-S-(1,2-DICARBETHOXYETHYL) THIOTHIONOPHOSPHATE * O,O-DIMETHYL-S-1,2-DI(ETHOXYCARBAMYL)ETHYL PHOSPHORODITHIOATE * O,O-DIMETHYL-S-1,2-DIKARBETOXYLETHYLDITIOFOSFAT (Czech) * O,O-DIMETHYLDITHIOPHOSPHATE DIETHYLMERCAPTOSUCCINATE * DITHIOPHOSPHATE DE O,O-DIMETHYLE ET DE S-(1,2-DICARBOETHOXYETHYLE) (French) * EL 4049 * EMMATOS * EMMATOS EXTRA * ENT 17,034 * S-ESTER with O,O-DIMETHYL PHOSPHOROTHIOATE * ETHIOLACAR * ETIOL * EXPERIMENTAL INSECTICIDE 4049 * EXTERMATHION * FORMAL * FORTHION * FOSFOTHION * FOSFOTION * FOUR THOUSAND FORTY-NINE * FYFANON * HILTHION * HILTHION 25WDP * INSECTICIDE NO. 4049 * KARBOFOS * KOP-THION * KYPFOS * MALACIDE * MALAFOR * MALAKILL * MALAGRAN * MALAMAR * MALAMAR 50 * MALAPHELE * MALAPHOS * MALASOL * MALASPRAY * MALATHION * MALATHION (DOT) * MALATHION E50 * MALATHION LV CONCENTRATE * MALATHION ULV CONCENTRATE * MALATHIOZOO * MALATHON * MALATHYL LV CONCENTRATE & ULV CONCENTRATE * MALATION (Polish) * MALATOL * MALATOX * MALDISON * MALMED * MALPHOS * MALTOX * MALTOX MLT * MERCAPTOSUCCINIC ACID DIETHYL ESTER * MERCAPTOTHION * MERCAPTOTION (Spanish) * MLT * MOSCARDA * NA 2783 (DOT) * NCI-C00215 * OLEOPHOSPHOTHION * ORTHO MALATHION * PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER with DIETHYL MERCAPTOSUCCINATE * PHOSPHOTHION * PRIODERM * SADOFOS * SADOPHOS * SF 60 * SIPTOX I * SUMITOX * TAK * TM 4049 * VEGFRU MALATOX * VETIOL * ZITHIOL

MUTATION DATA AND REFERENCES:

	mmo-sat 10 mg/L	TGANAK 15(3),68,81
	dnd-esc 100 mg/L	MUREAV 52,161,78
	mmo-bcs 1 nmol/plate	MSERDS 5,93,81
	mmo-omi 100 mg/L	TGANAK 15(3),68,81
	oms-hmn:leu 200 mg/L	PSEBAA 142,36,73
	sce-hmn:fbr 5 mg/L	MUREAV 67,167,72
	sce-hmn:lym 40 mg/L	MUREAV 88,307,81
	cyt-mus-orl 18 gm/kg/30D-I	FOMOAJ 35,361,76
	cyt-mus-ipr 230 mg/kg	MUREAV 122,163,83
	cyt-ham:lng 76 mg/L	GMCRDC 27,95,81
	sce-ham:ovr 300 umol/L	JTEHD6 8,939,81
	sce-ham:lng 40 mg/L	MUREAV 88,307,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T76	orl-rat TDLo:44 gm/kg (70D male/70D pre-21D post)	NATUAS 192,464,61
3T76T81T87	orl-rat TDLo:43920 mg/kg (MGN)	NATUAS 192,464,61
1T25	orl-rat TDLo:191 mg/kg (9D preg)	JFMAAQ 54,452,67
1T53	orl-rat TDLo:203 mg/kg (9D preg)	JFMAAQ 54,452,67
2T01T02	unk-rat TDLo:80 mg/kg (2D male)	BECTA6 15,458,76

TOXICITY DATA AND REFERENCES:

2J25Y23	orl-man LDLo:857 mg/kg	AEHLAU 21,533,70
	orl-wmn LDLo:246 mg/kg	AEHLAU 33,240,78
*	orl-rat LD50:370 mg/kg	JFMAAQ 54,452,67
*	ihl-rat LCLo:1200 ug/m3/4H	85GMAT -,56,82
	skn-rat LD50:4444 mg/kg	CMEP** -,1,56
	ipr-rat LD50:340 mg/kg	PSEBAA 114,509,63
	scu-rat LD50:1000 mg/kg	JEENAI 50,356,57
	ivn-rat LD50:50 mg/kg	ARZNAD 5,626,55
	orl-mus LD50:775 mg/kg	ARZNAD 5,626,55
	ipr-mus LD50:193 mg/kg	PSEBAA 129,699,68
1Y23	scu-mus LD50:221 mg/kg	OIZAAV 71,6099,59
	ivn-mus LD50:184 mg/kg	CHABA8 52,16618,58
*	ipr-dog LD50:1857 mg/kg	TXAPA9 15,244,69
*	ihl-cat LCLo:10 mg/m3/4H	85GMAT -,56,82
	orl-rbt LDLo:1200 mg/kg	AEHA** 99-002-74/76
	orl-rbt LD50:250 mg/kg	JHEMA2 22,115,78
	skn-rbt LD50:4100 mg/kg	28ZEAL 5,142,76
	orl-gpg LD50:570 mg/kg	ARZNAD 5,626,55
*	skn-gpg LD50:6700 mg/kg	AMCYC* 8/66
	ipr-gpg LD50:550 mg/kg	ARZNAD 5,626,55
1F15	orl-ckn LD50:600 mg/kg	IJEBA6 9,455,71
*	orl-dck LD50:1485 ug/kg	DOEAAH 35,27,79
	orl-dom LD50:500 mg/kg	85DPAN -,-,71/76
3C09F12F21	orl-ctl LD50:53 mg/kg	IVEJAC 56,650,79
3F12F13F17	unk-ctl LD50:53 mg/kg	IJLAA4 49,314,79
*	orl-mam LD50:1500 mg/kg	GISAAA 41(8),82,76
	unk-man LD50:500 mg/kg	30ZDA9 -,357,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AGMOAC #73-19,1973; RREVAH 46,1,73; CNDQA8 10(3),43,75; PMDCAY 10,85,74; DTTIAF 6(20),485,73; RREVAH 63,1,76

★	CARCINOGENIC REVIEW:ANIMAL NEGATIVE	IARC** 30,103,83
★	TLV-TWA 10 mg/m3 (skin)	DTLVS* 4,249,80

BEST COPY A

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 15 mg/m3 (skin) (SCP-U) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO MALATHION recm std-air:TWA 15 mg/m3 NTIS**
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-24,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;RAT (NCITR* NCI-CG-TR-192,79)
NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed. see: METHOD 5012
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WM8410000 SUCCINIC ACID, MERCAPTO-, DIETHYL ESTER, S-ESTER with 0,0-DIMETHYLPHOSPHOROTHIOATE
UPDT:8412 CAS: 1634-78-2 MW: 314.32 MOLFM: C10-H19-O7-P-S
SYN: BUTANEDIOIC ACID, ((DIMETHOXYPHOSPHINYL)THIO)-, DIETHYL ESTER (9CI) * CARBETHOXY MALAOXON * S-(1,2-DIETHOXYCARBONYL)ETHYL O,O-DIMETHYL PHOSPHOROTHIOATE * O,O-DIMETHYL-S-1,2-BIS(ETHOXYCARBONYL)ETHYL PHOSPHOROTHIOATE * O,O-DIMETHYL-S-(1,2-DICARBETHOXY)ETHYL PHOSPHOROTHIOATE * LIROMAT * MALAOXON * MALAOXONE * MALATHION-O-ANALOG * NCI-C08678 * OXYCARBOPHOS * PHOSPHOROTHIOIC ACID, O,O-DIMETHYL ESTER, S-ESTER with 1,2-BIS(METHOXYCARBONYL)ETHANETHIOL
MUTATION DATA AND REFERENCES:
sce-ham:ovr 100 umol/L JTEHD6 8,939,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:158 mg/kg TXAPA9 9,408,66
* ipr-rat LD50:17500 ug/kg CJPPA3 45,621,67
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-135,79
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WM8550000 SUCCINIC ACID, MERCAPTO-, DIETHYL ESTER, PROPYL METHYLPHOSPHONOTRITHIOATE
UPDT:8309 CAS: 17581-48-5 MW: 294.38 MOLFM: C12-H23-O4-P-S
SYN: BUTANEDIOIC ACID, ((METHYL(PROPYLTHIO)PHOSPHINOTHIOYL)THIO)-, DIETHYL ESTER * DIETHYL ((METHYL(PROPYLTHIO)PHOSPHINOTHIOYL)THIO)BUTANEDIOATE * ENT 27,188 * MOBIL VC 3-789 * PHOSPHONOTRITHIOIC ACID, METHYL-, S-PROPYL S-DIETHYLSUCCINATE * S-PROPYL S-DIETHYLSUCCINATE METHYL PHOSPHONOTRITHIOATE * V-C 3-789 * V-C CHEMICAL 3-789 * VIRGINIA CAROLINA 3-789
TOXICITY DATA AND REFERENCES:
orl-rat LD50:693 mg/kg ARSIM* 20,26,66
orl-ckn LD50:96 mg/kg TXAPA9 11,49,67

WM9100000 SUCCINIC ACID, MERCAPTO-, DIMETHYL ESTER
UPDT:8412 CAS: 1795-56-8 MW: 178.22 MOLFM: C6-H10-O4-S
SYN: DIMETHYL THIOMALATE * USAF ND-61
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:50 mg/kg NTIS** AD277-689

WM9250000 SUCCINIC ACID, 2-((2-MERCAPTOETHYL)THIO)-, DIETHYL ESTER, S-ESTER with O,O-DIETHYL PHOSPHORODITHIOATE
UPDT:8412 MW: 418.56 MOLFM: C14-H27-O6-P-S3
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:280 mg/kg KSKZAN 16,13,78

WM9260000 SUCCINIC ACID, 2-((2-MERCAPTOETHYL)THIO)-, DIISOPROPYL ESTER, S-ESTER with O,O-DIETHYL PHOSPHORODITHIOATE
UPDT:8412 MW: 446.62 MOLFM: C16-H31-O6-P-S3
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:260 mg/kg KSKZAN 16,13,78

WM9270000 SUCCINIC ACID, 2-((2-MERCAPTOETHYL)THIO)-, DIMETHYL ESTER, S-ESTER with O,O-DIETHYL PHOSPHORODITHIOATE
UPDT:8412 MW: 390.50 MOLFM: C12-H23-O6-P-S3
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:430 mg/kg KSKZAN 16,13,78

WM9280000 SUCCINIC ACID, 2-((2-MERCAPTOETHYL)THIO)-, DIMETHYL ESTER, S-ESTER with DIETHYL PHOSPHOROTHIOATE
UPDT:8412 MW: 374.44 MOLFM: C12-H23-O7-P-S2
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:260 mg/kg KSKZAN 16,13,78

WM9400000 SUCCINIC ACID, 2-((MERCAPTOMETHYL)THIO)-, DIETHYL ESTER, S-ESTER with O,O-DIETHYL PHOSPHORODITHIOATE
UPDT:8412 MW: 404.53 MOLFM: C13-H25-O6-P-S3
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:130 mg/kg KSKZAN 16,13,78

WM9410000 SUCCINIC ACID, 2-((MERCAPTOMETHYL)THIO)-, DIMETHYL ESTER, S-ESTER with O,O-DIETHYL PHOSPHORODITHIOATE
UPDT:8412 MW: 376.47 MOLFM: C11-H21-O6-P-S3
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:210 mg/kg KSKZAN 16,13,78

WM9420000 SUCCINIC ACID, 2-((MERCAPTOMETHYL)THIO)-, DIMETHYL ESTER, S-ESTER with DIETHYL PHOSPHOROTHIOATE
UPDT:8412 MW: 360.41 MOLFM: C11-H21-O7-P-S2
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:50 mg/kg KSKZAN 16,13,78

SUCCINIC ACID, MERCAPTO-, THIOANTIMONATE(III), DILITHIUM SALT see: WJ1625000

WM9540000 SUCCINIC ACID, MERCAPTO-, THIOANTIMONATE (III), DILITHIUM SALT, NONAHYDRATE
UPDT:7901 CAS: 6169-12-6 MW: 766.96 MOLFM: C12-H9-O12-S3 9H2-O 6Li Sb
SYN: ANTHIOMALINE NONAHYDRATE * ANTIMONY LITHIUM THIOMALATE NONAHYDRATE * LITHIUM ANTIMONY THIOMALATE NONAHYDRATE * THIOANTIMONIC(III) ACID, TRIESTER with MERCAPTO SUCCINIC ACID DILITHIUM SALT, NONAHYDRATE
TOXICITY DATA AND REFERENCES:
1K13 ims-chd TDLo:73 mg/kg JAMAAP 125,952,44
1K13 ims-hmn TDLo:11 mg/kg JAMAAP 125,952,44
ipr-mus LDLo:512 mg/kg CBCCT* 2,136,50
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WM9606000 SUCCINIC ACID, 1-METHYL-2-PROPYNYL ESTER
UPDT:8310 MW: 170.18 MOLFM: C8-H10-O4
SYN: 1-METHYL-2-PROPYNYL ESTER of SUCCINIC ACID
TOXICITY DATA AND REFERENCES:
1F02 orl-mus LD50:227 mg/kg AIPTAK 131,116,61

WM9625000 SUCCINIC ACID, MONO(2,2-DIMETHYLHYDRAZIDE)
UPDT:8412 CAS: 1596-84-5 MW: 160.20 MOLFM: C6-H12-N2-O3
SYN: ALAR * ALAR-85 * AMINOZIDE * B 995 * BERNSTEINSAEURE-2,2-DIMETHYLHYDRAZID (German) * B-NINE * BUTANEDIOIC ACID MONO(2,2-DIMETHYLHYDRAZIDE) * DAMINOZIDE * DIMAS * N-DIMETHYL AMINO-beta-CARBAMYL PROPIONIC ACID * DIMETHYLAMINOSUCCINAMIC ACID * N-DIMETHYLAMINO-SUCCINAMIDSAEURE (German) * N-(DIMETHYLAMINO)SUCCINAMIC ACID * DMASA * DMSA * KYLAR * NCI-C03827 * SADH * SUCCINIC ACID 2,2-DIMETHYLHYDRAZIDE * SUCCINIC 1,1-DIMETHYL HYDRAZIDE
TUMORIGENIC DATA AND REFERENCES:
2V01T64 orl-rat TDLo:182 gm/kg/2Y-C NCITR* NCI-CG-TR-83,78
3V01H60J60 orl-mus TDLo:2600 gm/kg/62W-C CNREA8 37,3497,77
2V03L60 orl-mus TD :873 gm/kg/2Y-C NCITR* NCI-CG-TR-83,78
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8400 mg/kg FMCHA2 -,C9,83
orl-mus LD50:6300 mg/kg CHABA8 84,100483n,76
ipr-mus LDLo:62 mg/kg TXAPA9 23,288,72
unk-mam LD50:8400 mg/kg 30ZDA9 -,127,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 39,111,77; FCTXAV 17,95,79
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NCITR* NCI-CG-TR-83,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:MOUSE (NCITR* NCI-CG-TR-83,78)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WM9640000 SUCCINIC ACID, MONOESTER with 4-BUTYL-4-(HYDROXYMETHYL)-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE
UPDT:8406 CAS: 27470-51-5 MW: 438.52 MOLFM: C24-H26-N2-O6
SYN: BUTANEDIOIC ACID, MONO((4-BUTYL-3,5-DIOXO-1,2-DIPHENYL-4-PYRAZOLIDINYL)METHYL) ESTER (9CI) * 4-BUTYL-4-(beta-CARBOXYPROPIONYL-OXYMETHYL)-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE * 4-BUTYL-4-HYDROXYMETHYL-1,2-DIPHENYL-3,5-PYRAZOLIDINEDIONE HYDROGEN SUCCINATE * SB * SUXIBUZONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:1562 mg/kg (7-17D preg) OYYAA2 20,377,80
1T02 orl-rat TDLo:11928 mg/kg (84D male) OYYAA2 19,1,80
1T85 orl-rat TDLo:900 mg/kg (17-20D preg/21D post) OYYAA2 20,393,80
1T13 orl-rat TDLo:35784 mg/kg (84D pre) OYYAA2 19,1,80
2T46T81 orl-rat TDLo:781 mg/kg (7-17D preg) OYYAA2 20,377,80
1T12 orl-rat TDLo:23856 mg/kg (84D pre) OYYAA2 19,1,80
2T46T81 orl-mus TDLo:2840 mg/kg (6-15D preg) OYYAA2 20,289,80
1T25 orl-rbt TDLo:468 mg/kg (6-18D preg) OYYAA2 20,387,80
1T26 orl-rbt TDLo:1846 mg/kg (6-18D preg) OYYAA2 20,387,80
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1700 mg/kg IYKEDH 12,1204,81
* scu-rat LD50:410 mg/kg IYKEDH 12,1204,81
* ivn-rat LD50:305 mg/kg IYKEDH 12,1204,81
* orl-mus LD50:1200 mg/kg IYKEDH 12,1204,81
* scu-mus LD50:520 mg/kg IYKEDH 12,1204,81
* ivn-mus LD50:285 mg/kg IYKEDH 12,1204,81
3F12F17J22 orl-dog LD50:373 mg/kg OYYAA2 20,265,80
3F12F17J22 orl-rbt LD50:1266 mg/kg OYYAA2 20,265,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WM9645000 SUCCINIC ACID, monoester with 7-CHLORO-1,3-DIHYDRO-3-HYDROXY-5-PHENYL-2H-1,4-BENZODIAZEPIN- 2-ONE
UPDT:8403 CAS: 4700-56-5 MW: 386.81 MOLFM: C19-H15-Cl-N2-O5
SYN: BUTANEDIOIC ACID, MONO(7-CHLORO-2,3-DIHYDRO-2-OXO-5-PHENYL-1H-1,4-BENZODIAZEPIN-3-YL) ESTER * 7-CHLORO-1,3-DIHYDRO-3-HEMISUCCINYLOXY-2H-1,4-BENZODIAZEPIN-2-ONE * NULANS * SAS 538
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1148 mg/kg FRPPAO 22,506,67
ipr-mus LD50:375 mg/kg FRPPAO 22,506,67
ivn-mus LD50:285 mg/kg FRPPAO 22,506,67

WM9650000 SUCCINIC ACID, alpha-MONOESTER with D-threo-(-)-2,2-DICHLORO-N-(beta-HYDROXY- alpha-(HYDROXYMETHYL)-p-NITROPHENETHYL)ACETAMIDE
UPDT:8306 CAS: 3544-94-3 MW: 423.23 MOLFM: C15-H16-Cl2-N2-O8
SYN: CHLORAMPHENICOL ACID SUCCINATE * CHLORAMPHENICOL HEMISUCCINATE * CHLORAMPHENICOL HYDROGEN SUCCINATE * CHLORAMPHENICOL MONOSUCCINATE * CHLORAMPHENICOL SUCCINATE * CHLOROMYCETIN SUCCINATE * CHRONICIN FOAM * KEMICETINE SUCCINATE * LEVOMYCETIN HEMISUCCINATE * LEVOMYCETIN SUCCINATE * PARAXIN SUCCINATE * SUCCINATO de CLORANFENICOL (Spanish)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T85 scu-rat TDLo:750 mg/kg (7-21D preg) SCIEAS 213,238,81
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1400 mg/kg FRPSAX 9,21,54
* ivn-mus LD50:1500 mg/kg FRPSAX 9,21,54
* ivn-gpg LD50:1000 mg/kg FRPSAX 9,21,54
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WM9670000 SUCCINIC ACID, MONOESTER with N-(2-ETHYLHEXYL)-3-HYDROXYBUTYRAMIDE
UPDT:8309 CAS: 32838-28-1 MW: 315.46 MOLFM: C16-H29-N-O5
SYN: BUTANEDIOIC ACID, MONO(3-((2-ETHYLHEXYL)AMINO)-1-METHYL-3-OXOPROPYL) ESTER (9CI) * BUTOCTAMIDE HYDROGEN SUCCINATE * BUTOCTAMIDE SEMISUCCINATE * N-(2-ETHYLHEXYL)-3-HYDROXYBUTYRAMIDE HYDROGEN SUCCINATE * N-2-ETHYLHEXYL-beta-OXYBUTYRAMIDE SEMISUCCINATE * M-2H
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-mus TDLo:2400 mg/kg (7-14D preg) OYYAA2 8,1413,74
1T34 orl-mus TDLo:8 gm/kg (7-14D preg) OYYAA2 8,1413,74
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:13 gm/kg IYKEDH 14,297,83
* ipr-rat LD50:402 mg/kg IYKEDH 14,297,83
* scu-rat LD50:2510 mg/kg IYKEDH 14,297,83
* orl-mus LD50:5820 mg/kg IYKEDH 14,297,83
* ipr-mus LD50:340 mg/kg IYKEDH 14,297,83
* scu-mus LD50:3130 mg/kg IYKEDH 14,297,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WM9700000 SUCCINIC ACID, MONOESTER with 4-(2-(1-HYDROXYETHYL)-3-METHYL-5-BENZOFURANYL)-2(5H)-FURANONE
UPDT:8403 CAS: 3447-95-8 MW: 358.37 MOLFM: C19-H18-O7
SYN: BENFURODIL HEMISUCCINATE * BENZOFURODIL * EUCILAT * EUDILAT * 2-(1-(SUCCINOYLOXY)ETHYL)-3-METHYL-5-(2-OXO-2,5-DIHYDRO-4-FURYL)BENZO(b)FURAN * (SUCCINYLOXY-1 ETHYL)-2 METHYL-3 (OXO-2 DIHYDRO-2,5 FURYL-4)-5 BENZO(b)FURANNE (French)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:550 mg/kg CHTPBA 1,305,66
* scu-mus LD50:355 mg/kg CHTPBA 1,305,66

WN0502000 SUCCINIC ACID, OCTYL ESTER, ESTER with D-threo-(-)-2,2-DICHLORO-N-(beta-HYDROXY-alpha- (HYDROXYMETHYL)-p-NITROPHENETHYL)ACETAMIDE
UPDT:8308 MW: 535.47 MOLFM: C23-H32-Cl2-N2-O8
SYN: CHLORAMPHENICOL MONOSUCCINATE OCTYL ESTER * CHLORAMPHENICOL OCTYLSUCCINATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2500 mg/kg ANTCAO 12,22,62

SUCCINIC ACID PEROXIDE (DOT) see: UF2031000
SUCCINIC ACID PEROXIDE, technically pure (DOT) see: UF2031000
SUCCINIC ACID SEMIALDEHYDE see: WM3380000

WN0525000 SUCCINIC ACID, SULFO-, 1,4-BIS(2-ETHYLHEXYL) ESTER, SODIUM SALT
UPDT:8406 CAS: 577-11-7 MW: 445.63 MOLFM: C20-H38-O7-S Na

SYN: AEROSOL GPG * AEROSOL OT * AEROSOL OT 75 * AEROSOL OT-B * ALCOPOL O * ALPHASOL OT * BEROL 478 * BIS(ETHYLHEXYL) ESTER of SODIUM SULFOSUCCINIC ACID * BIS(2-ETHYLHEXYL)SODIUM SULFOSUCCINATE * BIS(2-ETHYLHEXYL) S-SODIUM SULFOSUCCINATE * 1,4-BIS(2-ETHYLHEXYL) SODIUM SULFOSUCCINATE * BUTANEDIOIC ACID, SULFO-, 1,4-BIS(2-ETHYLHEXYL) ESTER, SODIUM SALT (9CI) * CELANOL DOS 75 * CLESTOL * COLACE * COMPLEMIX * CONSTONATE * COPROL * DEFILIN * DI-(2-ETHYLHEXYL) SODIUM SULFOSUCCINATE * DIOCTLYN * DIOCTYLAI * DIOCTYL ESTER of SODIUM SULFOSUCCINATE * DIOCTYL ESTER of SODIUM SULFOSUCCINIC ACID * DIOCTYL-MEDO FORTE * DIOCTYL SODIUM SULFOSUCCINATE * DIOCTYL SULFOSUCCINATE SODIUM * DIOCTYL SULFOSUCCINATE SODIUM SALT * DIOMEDICONE * DIOSUCCIN * DIOTILAN * DIOVAC * DOCUSATE SODIUM * DOXINATE * DOXOL * D-S-S * DULSIVAC * DUOSOL * 2-ETHYLHEXYL SULFOSUCCINATE SODIUM * HUMIFEN WT 27G * KONLAX * KOSATE * LAXINATE * LAXINATE 100 * MANOXAL OT * MANOXOL OT * MERVAMINE * MODANE SOFT * MOLATOC * MOLCER * MOLOFAC * MONAWET MD 70E * MONAWET MO-70 * MONAWET MO-70 RP * MONAWET MO-84 R2W * MONOXOL OT * NEKAL WT-27 * NEVAX * NIKKOL OTP 70 * NORVAL * OBSTON * RAPISOL * REGUTOL * REQUTOL * REVAC * SANMORIN OT 70 * SBO * SOBITAL * SODIUM BIS(2-ETHYLHEXYL) SULFOSUCCINATE * SODIUM DI-(2-ETHYLHEXYL) SULFOSUCCINATE * SODIUM DIOCTYL SULFOSUCCINATE * SODIUM 2-ETHYLHEXYLSULFOSUCCINATE * SODIUM DIOCTYL SULPHOSUCCINATE * SODIUM SULFODI-(2-ETHYLHEXYL)-SULFOSUCCINATE * SOFTIL * SOLIWAX * SOLUSOL-75% * SOLUSOL-100% * SULFIMEL DOS * SULFOSUCCINIC ACID, BIS(2-ETHYLHEXYL)ESTER SODIUM SALT * SV 102 * TEX-WET 1001 * TRITON GR-5 * TRITON GR 7 * VATSOL OT * VELMOL * WAXSOL * WETAID SR

IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H MOD JPETAB 82,377,44
eye-rbt 250 ug MLD AROPAW 34,99,45
eye-rbt 1% SEV JAPMAB 38,428,49

TOXICITY DATA AND REFERENCES:
3R12R20S15 skn-hmn TDLo:1 pph BMJOAE 283,1297,81
orl-rat LD50:1900 mg/kg JSCCAS 13,469,62
1H16 ipr-rat LD50:590 mg/kg BCTKAG 7,161,74
orl-mus LD50:2640 mg/kg DCTODJ 1,89,77
ivn-mus LD50:60 mg/kg JAPMAB 38,428,49

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SUCCINIC ALDEHYDE see: WM3200000

WN0875000 SUCCINIC ANHYDRIDE
UPDT:8412 CAS: 108-30-5 MW: 100.08 MOLFM: C4-H4-O3
SYN: BERNSTEINSAURE-ANHYDRID (German) * BUTANEDIOIC ANHYDRIDE * DIHYDRO-2,5-FURANDIONE * 2,5-DIKETOTETRAHYDROFURAN * 2,5-FURANDIONE, DIHYDRO- * NCI-C55696 * SUCCINIC ACID ANHYDRIDE * SUCCINYL OXIDE * TETRAHYDRO-2,5-DIOXOFURAN

IRRITATION DATA AND REFERENCES:
eye-rbt 750 ug SEV AJOPAA 29,1363,46

MUTATION DATA AND REFERENCES:
mmo-esc 2 gm/L MUREAV 130,97,84
otr-ham:emb 100 ug/L IJCNAW 19,642,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T59 ipr-mus TDLo:79 mg/kg (8-10D preg) TCMUD8 2,61,82

TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:2600 mg/kg/65W-I BJCAAI 19,392,65

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 15,265,77

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0282-0433
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WN1225000 SUCCINIC ANHYDRIDE, DODECENYL-
UPDT:8306 CAS: 25377-73-5 MW: 281.44 MOLFM: C16-H27-N-O3
SYN: DDS * DDS A * DODECENYLSUCCINIC ANHYDRIDE

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:320 mg/kg NTIS** AD441-640

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0282-0432

WN1400000 SUCCINIC ANHYDRIDE, TRI(ISOBUTENYL)-
UPDT:8307 CAS: 63979-83-9 MW: 262.38 MOLFM: C16-H22-O3
SYN: TRIISOBUTENYLSUCCINIC ANHYDRIDE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:940 mg/kg AIHAAP 30,470,69
skn-rbt LD50:890 mg/kg AIHAAP 30,470,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SUCCINIC DIALDEHYDE see: WM3200000
SUCCINIC 1,1-DIMETHYL HYDRAZIDE see: WM9625000
SUCCINIC DINITRILE see: WN3850000
SUCCINIC IMIDE see: WN2200000
SUCCINIC PEROXIDE see: UF2031000
SUCCINIC SEMIALDEHYDE see: WM3380000

WN2200000 SUCCINIMIDE
UPDT:8411 CAS: 123-56-8 MW: 99.10 MOLFM: C4-H5-N-O2
SYN: BUTANIMIDE * 3,4-DIHYDROPYRROLE-2,5-DIONE * 3,4-DIHYDROPYRROLIDINE * DIHYDRO-3-PYRROLINE-2,5-DIONE * 2,5-DIKETOPYRROLIDINE * 2,5-DIOXOPYRROLIDINE * 2,5-PYRROLIDINEDIONE * SUCCINIC IMIDE * SUCCINIMIDE SAUBA

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:14 gm/kg MDACAP 10,224,74
* ivn-mus LD50:320 mg/kg CSLNX* NX#03763

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WN2250000 SUCCINIMIDE, N-((4-BENZYL-1-PIPERAZINYL)METHYL)-
UPDT:8303 MW: 287.40 MOLFM: C16-H21-N3-O2
SYN: N-((4-BENZYL-1-PIPERAZINYL)METHYL)SUCCINIMIDE

TOXICITY DATA AND REFERENCES:
3C08F13F19 ipr-mus LD50:200 mg/kg FRPSAX 18,750,63

WN2295000 SUCCINIMIDE, 2-(m-BROMOPHENYL)-N-(3-METHYLMORPHOLINO)-
UPDT:8406 MW: 353.25 MOLFM: C15-H17-Br-N2-O3
SYN: 2-(m-BROMOPHENYL)-N-(3-METHYLMORPHOLINO)SUCCINIMIDE * N-3-METHYLMORPHOLINIMIDE of 3-m-BROMOPHENYLSUCCINIC ACID

TOXICITY DATA AND REFERENCES:
1F17 orl-mus LD50:2300 mg/kg PHARAT 38,872,83
1F17 ipr-mus LD50:640 mg/kg PHARAT 38,872,83

SUCCINIMIDE, N-CHLORO- see: UY1013500

WN2420000 SUCCINIMIDE, N-((4-(p-CHLOROBENZYL)-1-PIPERAZINYL)METHYL)-
UPDT:8303 MW: 321.84 MOLFM: C16-H20-Cl-N3-O2
SYN: N-((4-(p-CHLOROBENZYL)-1-PIPERAZINYL)METHYL)SUCCINIMIDE

TOXICITY DATA AND REFERENCES:
3C08F13F19 ipr-mus LD50:200 mg/kg FRPSAX 18,750,63

WN2470000 SUCCINIMIDE, 2-(p-CHLOROPHENYL)-N-(3-METHYL-2-PYRIDYL)-
UPDT:8406 MW: 300.76 MOLFM: C16-H13-Cl-N2-O2
SYN: 2-(p-CHLOROPHENYL)-N-(3-METHYL-2-PYRIDYL)SUCCINIMIDE * N-3-METHYLPYRIDYL-2-IMIDE of 3-p-CHLOROPHENYLSUCCINIC ACID

TOXICITY DATA AND REFERENCES:
3F05F17F25 ipr-mus LD50:3400 mg/kg PHARAT 38,872,83

WN2500000 SUCCINIMIDE, N-(3,5-DICHLOROPHENYL)-
UPDT:8309 CAS: 24096-53-5 MW: 244.08 MOLFM: C10-H7-Cl2-N-O2
SYN: N-(3,5-DICHLOROPHENYL)SUCCINIMIDE * DIMETHACHLON * OHRIC * 2,5-PYRROLIDINEDIONE, 1-(3,5-DICHLOROPHENYL)-

TUMORIGENIC DATA AND REFERENCES:
1V03 orl-rat TDLo:17 gm/kg/8W-C GANNA2 67,147,76

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1250 mg/kg FMCHA2 -,C172,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WN2530000 SUCCINIMIDE, N-((3,4-DIHYDRO-2(1H)-ISOQUINOLYL)METHYL)-
UPDT:8303 MW: 244.32 MOLFM: C14-H16-N2-O2
SYN: N-((3,4-DIHYDRO-2(1H)-ISOQUINOLYL)METHYL)SUCCINIMIDE

TOXICITY DATA AND REFERENCES:
3C08F13F19 ipr-mus LDLo:400 mg/kg FRPSAX 18,750,63

WN2625000 SUCCINIMIDE, N,2-DIMETHYL-2-PHENYL-
UPDT:8403 CAS: 77-41-8 MW: 203.26 MOLFM: C12-H13-N-O2
SYN: CELONTIN * 1,3-DIMETHYL-3-PHENYL-2,5-DIOXOPYRROLIDINE * 1,3-DIMETHYL-3-PHENYL-PYRROLIDIN-2,5-DIONE * N,2-DIMETHYL-2-PHENYLSUCCINIMIDE * MESUXIMIDE * METHSUXIMIDE * N-METHYL-alpha-METHYL-alpha-PHENYLSUCCINIMIDE * N-METHYL-alpha,alpha-METHYLPHENYLSUCCINIMIDE * alpha-METHYLPHENSUXIMIDE * METSUCCIMIDE * PETINUTIN * PM 396

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T46T47 unk-mus TDLo:1006 mg/kg (8-10D preg) FEPRA7 38,438,79

TOXICITY DATA AND REFERENCES:
orl-mus LD50:1405 mg/kg 27ZQAG -,262,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WN2800000 SUCCINIMIDE, 2-ETHYL-2-METHYL-
UPDT:8408 CAS: 77-67-8 MW: 141.19 MOLFM: C7-H11-N-O2
SYN: AETHOSUXIMIDE (German) * ASAMID * ATYSMAL * CAPITUS * CI 366 * EMESIDE * EPILEO PETIT MAL * ETHOSUCCIMIDE * ETHOSUCCINIMIDE * ETHOSUXIDE * ETHOSUXIMIDE * alpha-ETHYL-alpha-METHYLSUCCINIMIDE * 3-ETHYL-3-METHYLPYRROLIDINE-2,5-DIONE * 3-ETHYL-3-METHYL-2,5-PYRROLIDINE-DIONE * 2-ETHYL-2-METHYLSUCCINIMIDE * ETHYMAL * ETOMAL * ETOSUXIMIDA * H-490 * H 940 * MESENTOL * 3-METHYL-3-ETHYLPYRROLIDINE-2,5-DIONE * gamma-METHYL-gamma-ETHYL-SUCCINIMIDE * PEMAL * PEMALIN * PENTINIMID * PETINIMID * PETNIDAN * PM 671 * PYKNOLEPSINUM * RONTON * SIMATIN(E) * SUCCIMAL * SUCCIMITIN * SUXILEP * SUXIMAL * SUXIN * SUXINUTIN * THETAMID * THILOPEMAL * ZARAONDAN * ZARODAN * ZARONDAN-SAFT * ZARONTIN * ZARTALIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T31T34T46 orl-rat TDLo:33300 ug/kg (6-14D preg) 40YJAX -,59,79
1T25 orl-rat TDLo:66600 ug/kg (6-14D preg) 40YJAX -,59,79
1T59 orl-rat TDLo:166 mg/kg (6-14D preg) 40YJAX -,59,79
1T41 orl-mus TDLo:3960 mg/kg (6-16D preg) TXAPA9 40,365,77
1T59 ipr-mus TDLo:962 mg/kg (8-10D preg) TCMUD8 2,61,82
2T46T47 unk-mus TDLo:2626 mg/kg (8-10D preg) FEPRA7 38,438,79
3T25T31T34 orl-rbt TDLo:48100 ug/kg (6-18D preg) 40YJAX -,59,79
1T34 orl-ham TDLo:18500 ug/kg (6-10D preg) 40YJAX -,59,79
1T46 orl-ham TDLo:185 mg/kg (6-10D preg) 40YJAX -,59,79

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1820 mg/kg MEIEDD 10,544,83
orl-mus LD50:1750 mg/kg BSCFAS 3,1119,66
ipr-mus LDLo:1372 mg/kg BJPCBM 37,140,69
* scu-mus LD50:1810 mg/kg NIIRDN 6,117,82
* ivn-mus LD50:1070 mg/kg NIIRDN 6,117,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WN2818000 SUCCINIMIDE, 3-(m-ISOPROPOXYPHENYL)-
UPDT:8402 MW: 233.29 MOLFM: C13-H15-N-O3
SYN: alpha-m-ISOPROPOXYPHENYLSUCCINIMIDE * 3-(m-ISOPROPOXYPHENYL)SUCCINIMIDE * 3-(3-(1-METHYLETHOXY)PHENYL)-2,5-PYRROLIDINEDIONE * PUFEMID * 2,5-PYRROLIDINEDIONE, 3-(3-(1-METHYLETHOXY)PHENYL)-

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2400 mg/kg PCJOAU 16,573,82
* ipr-rat LD50:2400 mg/kg PCJOAU 16,573,82

WN2875000 SUCCINIMIDE, N-((4-(p-METHOXYBENZYL)-1-PIPERAZINYL)METHYL)-
UPDT:8303 MW: 317.43 MOLFM: C17-H23-N3-O3
SYN: N-((4-(p-METHOXYBENZYL)-1-PIPERAZINYL)METHYL)SUCCINIMIDE

TOXICITY DATA AND REFERENCES:
3C08F13F19 ipr-mus LD50:200 mg/kg FRPSAX 18,750,63

WN3325000 SUCCINIMIDE, N-METHYL-2-PHENYL-
UPDT:8308 CAS: 86-34-0 MW: 189.23 MOLFM: C11-H11-N-O2
SYN: EPIMID * FENOSUCCIMIDE * LIFENE * METHYLPHENYLSUCCINIMIDE * 1-METHYL-3-PHENYLPYRROLIDIN-2,5-DIONE * N-METHYL-alpha-PHENYLSUCCINIMIDE * N-METHYL-2-PHENYLSUCCINIMIDE * MILONTIN * MIROTIN * PHENOSUCCIMIDE * PHENSUXIMIDE * PHENYLSUXIMIDE * PM 334 * 2,5-PYRROLIDINEDIONE, 1-METHYL-3-PHENYL- (9CI) * SUCCITIMAL

MUTATION DATA AND REFERENCES:
cyt-hmn:leu 100 ug/L AJOGAH 116,867,73

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T59 ipr-mus TDLo:666 mg/kg (8-10D preg) TCMUD8 2,61,82
2T46T47 unk-mus TDLo:1533 mg/kg (8-10D preg) FEPRA7 38,438,79

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:700 mg/kg ARZNAD 23,377,73
ipr-mus LD50:402 mg/kg EJMCA5 13,465,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WN3361000 SUCCINIMIDE, N-(3-METHYL-2-PYRIDYL)-2-PHENYL-
UPDT:8406 MW: 266.32 MOLFM: C16-H14-N2-O2
SYN: N-3-METHYLPYRIDYL-2-IMIDE of PHENYLSUCCINIC ACID * N-(3-METHYL-2-PYRIDYL)-2-PHENYLSUCCINIMIDE

TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:1700 mg/kg PHARAT 38,872,83

WN3380000 SUCCINIMIDE, N-((OCTAHYDRO-1(2H)-QUINOLYL)METHYL)-
UPDT:8303 MW: 250.38 MOLFM: C14-H22-N2-O2
SYN: N-((OCTAHYDRO-1(2H)-QUINOLYL)METHYL)SUCCINIMIDE

TOXICITY DATA AND REFERENCES:
3C08F13F19 ipr-mus LDLo:400 mgkg FRPSAX 18,750,63

SUCCINIMIDE-SAUBA see: WN2200000

WN3500000 SUCCINIMIDE, THIO-
UPDT:8401 CAS: 4166-00-1 MW: 115.16 MOLFM: C4-H5-N-O-S
SYN: 2-PYRROLIDINONE, 5-THIOXO- * MONOTHIOSUCCINIMIDE * USAF WI-1

TUMORIGENIC DATA AND REFERENCES:
2V03M61 orl-rat TDLo:29 gm/kg/2W-C GANNA2 68,397,77

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:100 mg/kg NTIS** AD414-344

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SUCCINOCHLORIMIDE see: UY1013500
SUCCINODINITRILE see: WN3850000

WN3850000 SUCCINONITRILE
UPDT:8407 CAS: 110-61-2 MW: 80.10 MOLFM: C4-H4-N2
SYN: BUTANEDINITRILE * DEPRELIN * 1,2-DICYANOETHANE * DINILE * ETHANE, 1,2-DICYANO- * ETHYLENE CYANIDE * ETHYLENE DICYANIDE * SUCCINIC ACID DINITRILE * SUCCINIC DINITRILE * SUCCINODINITRILE * SUXIL * USAF A-9442

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T41 ipr-ham TDLo:365 mg/kg (8D preg) FAATDF 3,41,83

TOXICITY DATA AND REFERENCES:
1M16 ipr-mus LD50:63110 ug/kg BCPCA6 27,1135,78
scu-dog LDLo:150 mg/kg AIPTAK 3,77,1897
scu-rbt LDLo:36 mg/kg AIPTAK 3,77,1897
scu-pgn LDLo:2200 mg/kg AIPTAK 3,77,1897
scu-frg LDLo:1000 mg/kg AIPTAK 3,77,1897
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NITRILES recm std-air:TWA 20 mg/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WN4025000 SUCCINONITRILE, TETRAMETHYL-
UPDT:8404 CAS: 3333-52-6 MW: 136.22 MOLFM: C8-H12-N2
SYN: TETRAMETHYLSUCCINONITRILE * TMSN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 ipr-ham TDLo:9944 ug/kg (8D preg) FAATDF 3,41,83
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:17710 ug/kg JPETAB 223,635,82
* ivn-mus LD50:18 mg/kg CSLNX* NX#00002
REVIEW AND REFERENCES:
★ TLV-TWA 500 ppb; STEL 2 ppm (skin) DTLVS* 4,394,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 3 mg/m3 (skin) (SCP-K) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO NITRILES recm std-air:CL 6 mg/m3/15M NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S155
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4'-SUCCINOYLAMINO-2,3'-DIMETHYLAZOBENZENE see: WM3825000
SUCCINOYLCHOLINE CHLORIDE see: GA2360000
2-(1-(SUCCINOYLOXY)ETHYL)-3-METHYL-5-(2-OXO-2,5-DIHYDRO-4-FURYL)BENZO(b)FURAN see: WM9700000
2-SUCCINYLAMINO-4-p-CHLOROPHENYLTHIAZOLE-5-ACETIC ACID METHYL ESTER see: WM3430000
4'-SUCCINYLAMINO-2,3'-DIMETHYLAZOBENZOL see: WM3825000
SUCCINYL-ASTA see: GA2360000
SUCCINYL BISCHOLINE CHLORIDE see: GA2360000
SUCCINYLBISCHOLINE DICHLORIDE see: GA2360000
SUCCINYLBIS(IMINOETHYLENE)BIS(TRIETHYLAMMONIUM IODIDE) see: BS4319000
SUCCINYLBIS(IMINOETHYLENE)BIS(TRIMETHYLAMMONIUM IODIDE) see: BS4319500
SUCCINYLCHOLINE CHLORIDE see: GA2360000
SUCCINYLCHOLINE DICHLORIDE see: GA2360000
SUCCINYLCHOLINE DIIODIDE see: GA5250000
SUCCINYLCHOLINE, HYDROCHLORIDE see: GA2360000
SUCCINYLCHOLINE IODIDE see: GA5250000
SUCCINYLDICHOLINE CHLORIDE see: GA2360000
SUCCINYLDICHOLINE DIIODIDE see: GA5250000
SUCCINYLDICHOLINE IODIDE see: GA5250000
O,O-SUCCINYLDICHOLINE IODIDE see: GA5250000
5,5'-SUCCINYL DIGENTISIC ACID see: WM5050000
SUCCINYLFORTE see: GA2360000
SUCCINYL OXIDE see: WN0875000
(SUCCINYLOXY-1 ETHYL)-2 METHYL-3 (OXO-2 DIHYDRO-2,5 FURYL-4)-5 BENZO(6)FURANNE (French) see: WM9700000
SUCCINYL PEROXIDE see: UF2031000
2-(N(sup 4)-SUCCINYLSULFANILAMIDO)THIAZOLE HYDRATE see: WM4770000
SUCCINYLSULFATHIAZOLE MONOHYDRATE see: WM4770000
SUCCITIMAL see: WN3325000
SUCHAR 681 see: FF5250100
SUCKER PLUCKER see: RH6560000
SUCKER-STUFF see: UR5950000
SUCOSTRIN see: GA2360000
SUCOSTRIN CHLORIDE see: GA2360000
SUCRA see: DE4550000
SUCRAPHEN see: DO7525000
SUCRE EDULCOR see: DE4200000
SUCRETS see: VH1575000
SUCRETTE see: DE4200000
SUCROFER see: NO7700000
SUCROL see: YT2275000
SUCROSA see: GV7350000

WN6500000 SUCROSE
UPDT:8408 CAS: 57-50-1 MW: 342.34 MOLFM: C12-H22-O11
SYN: BEET SUGAR * CANE SUGAR * CONFECTIONER'S SUGAR * FRUCTOFURANOSIDE, alpha-D-GLUCOPYRANOSYL, beta-D * beta-D-FRUCTOFURANOSIDE, alpha-D-GLUCOPYRANOSYL * GLUCOPYRANOSIDE, beta-D-FRUCTOFURANOSYL, alpha-D * alpha-D-GLUCOPYRANOSYL beta-D-FRUCTOFURANOSIDE * (alpha-D-GLUCOSIDO) beta-D-FRUCTOFURANOSIDE * GRANULATED SUGAR * NCI-C56597 * ROCK CANDY * SACCHAROSE * SACCHARUM * SUGAR
MUTATION DATA AND REFERENCES:
mma-sat 600 ug/plate PMRSDJ 1,343,81
dnr-smc 300 mg/L PMRSDJ 1,502,81
cyt-ham:lng 10 gm/L ARTODN (Suppl 4),41,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T41 orl-rat TDLo:1548 gm/kg (21D pre/1-22D preg) IJMDAI 16,789,80
TOXICITY DATA AND REFERENCES:
orl-rat LD50:29700 mg/kg TXAPA9 7,609,65
* ipr-mus LD50:14000 mg/kg PCJOAU 15,139,81
orl-dom LDLo:40 gm/kg NAREA4 30,503,60
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WN6600000 SUCROSE, MONOMYRISTATE
UPDT:8406 MW: 552.74 MOLFM: C26-H48-O12
SYN: alpha-D-GLUCOPYRANOSIDE, beta-D-FRUCTOFURANOSYL, MONOTETRADECANOATE * MONOMYRISTIC SUCROSE ESTER
TOXICITY DATA AND REFERENCES:
1F07 ipr-rat LD50:579 mg/kg JAPMA8 49,220,60
SUCROSE MYRISTATE see: LZ5851500

WN6620000 SUCROSE, OCTAACETATE
UPDT:8401 CAS: 126-14-7 MW: 678.66 MOLFM: C28-H38-O19
SYN: alpha-D-GLUCOPYRANOSIDE, 1,3,4,6-TETRA-O-ACETYL-beta-D-FRUCTOFURANOSYL-, TETRAACETATE (9CI) * OCTAACETYLSUCROSE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),827,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
SUCRUN 7 see: GV7350000
SUDAFED see: UL5800000
SUDAFED see: UL5950000
SUDAN 1 see: QL4900000
SUDAN 2 see: QL5850000
SUDAN AX see: QL5850000
SUDAN BROWN RR see: ST2900000
SUDAN BROWN YR see: ST2900000
SUDAN G see: QK4250000
SUDAN G III see: QK4250000
SUDAN I see: QL4900000
SUDAN II see: QL5850000
SUDAN III see: QK4250000
SUDAN III (G) see: QK4250000
SUDAN IV see: QL5775000
SUDAN GG see: BX7350000
SUDAN J see: QL4900000
SUDAN ORANCE see: QL5850000
SUDAN ORANGE R see: QL4900000
SUDAN ORANGE RA see: QL4900000
SUDAN ORANGE RA NEW see: QL4900000
SUDAN ORANGE RPA see: QL5850000
SUDAN ORANGE RRA see: QL5850000
SUDAN P see: QL5775000
SUDAN P III see: QK4250000
SUDAN RED see: QL5850000
SUDAN RED 7B see: QM2850000
SUDAN RED 4BA see: QL5775000
SUDAN RED BB see: QL5775000
SUDAN RED BBA see: QL5775000
SUDAN RED III see: QK4250000
SUDAN RED IV see: QL5775000
SUDANROT 7B see: QM2850000
SUDAN SCARLET 6G see: QL5850000
SUDAN X see: QL5850000
SUDAN YELLOW see: BX7350000
SUDAN YELLOW GG see: BX7350000
SUDAN YELLOW GGA see: BX7350000
SUDAN YELLOW GGN see: CX9871000
SUDAN YELLOW R see: BY8225000
SUDAN YELLOW RA see: BY8225000
SUDAN YELLOW RRA see: XU8800000
SUDINE see: WO9030000
SU 4885 DITARTRATE see: UC3060000
SUDOXICAM see: DL0710500
SUESSETTE see: GV7350000
SUESSTOFF see: YT2275000
SUESTAMIN see: GV7350000
SUFENTA see: UE5295000
SUFENTANIL CITRATE see: UE5295000 PROPIONANILIDE, N-(4-(METHOXYMETHYL)-1-(2-(2-THIENYL)ETHYL)-4-PIPERIDYL)-, CITRATE
SUFENTANYL see: UE5295000
SUFENTANYL CITRATE see: UE5295000 PROPIONANILIDE, N-(4-(METHOXYMETHYL)-1-(2-(2-THIENYL)ETHYL)-4-PIPERIDYL)-, CITRATE
SUFFIX see: UE7550000
SUFFIX 25 see: UE7550000
SUFFIX BW see: UE8880000
SUFRALEM see: JP1292500
SUGAI BRILLIANT SCARLET 3R see: QJ6530000
SUGAI CHRYSOIDINE see: ST3380000
SUGAI CONGO RED see: QK1400000
SUGAI FAST SCARLET G BASE see: XU8225000
SUGAI TARTRAZINE see: UQ6400000
SUGANYL see: WO8575000
SUGAR see: WN6500000
SUGAR, GRAPE see: LZ6600000
SUGARIN see: GV7350000
SUGAR OF LEAD see: AI5250000
SUGARON see: GV7350000
SUGRACILLIN see: XH9700000
SUICALM see: EU4550000
SUISYNCHRON see: EC1490000

WN9170000 SUKHTEH
DEF:Opium pipe residues (LANCAO 2,494,78)
UPDT:8306
MUTATION DATA AND REFERENCES:
mma-sat 800 ug/plate LANCAO 2,494,78
sce-hmn:lym 10 mg/L CRNGDP 4,227,83
sce-ham:ovr 10 mg/L CRNGDP 4,227,83
SULADYNE see: US7875000
SULAMYD see: AC8450000
SUL ANILINOVA (Czech) see: CY0875000
SULBENICILLIN see: XH9890000
SULBENICILLIN DISODIUM see: XH9890000
SULBIO see: WO9100000
SULCOLON see: VO6250000
SULDIXINE see: WO9030000
SULEMA (Russian) see: OV9100000
SULF-10 see: AC8450000
SULFABENZPYRAZINE see: WP2100000
SULFABID see: DA9520000
SULFABUTIN see: WO9150000
SULFABUTIN see: EK1750000
SULFACET see: AC8450000
SULFACETAMIDE see: AC8450000
SULFACID BRILLIANT BLUE 6J see: BP6830000
SULFACID BRILLIANT GREEN 1B see: BQ4375000
SULFACID LIGHT ORANGE J see: QJ6500000
SULFACOX see: WP2100000
SULFACTIN see: UB2625000
SULFACYL see: AC8450000
SULFADENE see: DL6475000
SULFADIAMINE see: AE7175000
SULFADIAZENE see: WP1925000
SULFADIAZINE see: WP1925000
SULFADIAZINE SODIUM see: WP2000000
SULFADIMERAZINE see: WO9275000
SULFADIMESINE see: WO9275000
SULFADIMETHOXIN see: WO9030000
SULFADIMETHOXINE see: WO9030000
SULFADIMETHOXYDIAZINE see: WO9030000

SULFADIMETHYLDIAZINE see: WO9275000
SULFADIMETHYLISOXAZOLE see: WO9100000
SULFADIMETHYLOXAZOLE see: WO9150000
SULFADIMETHYLPYRIMIDINE see: WO9275000
4-SULFA-2,6-DIMETHYLPYRIMIDINE see: WO9270000
SULFADIMETINE see: WO9275000
SULFADIMETINE see: WO9270000
SULFADIMETOSSINA (Italian) see: WO9030000
SULFADIMETOXIN see: WO9030000
SULFADIMEZINE see: WO9275000
SULFADIMIDINE see: WO9275000
SULFADINE see: WO9275000
SULFADOXINE see: DA9500000
SULFAETHYLTHIADIAZOLE SODIUM see: WO9500000
SULFAFENAZOLO (Italian) see: DA9520000
SULFAFURAZOL see: WO9100000
SULFAFURAZOLE see: WO9100000
SULFAGAN see: WO9100000
SULFAGEN see: WO9100000
SULFAGUANIDINE see: WO[illegible]5000
SULFAGUINE see: WO8575000
SULFAISODIMERAZINE see: WO9270000
SULFA-ISODIMERAZINE see: WO9275000
SULFAISODIMIDINE see: WO9275000
SULFAISODIMIDINE see: WO9270000
SULFAISOXAZOLE see: WO9100000
SULFALAR see: WO9100000
SULFALENE see: WP0175000
SULFALEX see: WP0400000
SULFALINE see: WP2100000
SULFALLATE see: EZ5075000
SULFALONE see: XN0700000
SULFAMATE see: WO6125000
SULFAMERADINE see: WP0750000
SULFAMERAZIN see: WP0750000
SULFAMERAZINE see: WP0750000
SULFAMERAZINE SODIUM see: WP0760000
SULFAMETER SODIUM see: WP0600000
SULFAMETHALAZOLE see: WP0700000
SULFAMETHAZINE see: WO9275000
SULFAMETHIAZINE see: WO9275000
SULFAMETHIN see: WO9275000
SULFAMETHIN see: WO9270000
SULFAMETHOMIDINE see: WP0110000
SULFAMETHOPYRAZINE see: WP0175000
SULFAMETHOXAZOL see: WP0700000
SULFAMETHOXAZOLE see: WP0700000
SULFAMETHOXAZOL-TRIMETHOPRIM see: UV8240000
SULFAMETHOXYDIAZINE SODIUM see: WP0600000
SULFAMETHOXYPYRAZINE see: WP0175000
SULFAMETHOXYPYRIDAZINE see: WP0400000
3-SULFA-6-METHOXYPYRIDAZINE see: WP0400000
SULFA-5-METHOXYPYRIMIDINE SODIUM SALT see: WP0600000
SULFAMETHYLDIAZINE see: WP0750000
SULFAMETHYLISOXAZOLE see: WP0700000
SULFAMETOMIDINE see: WP0110000
SULFAMETOPYRAZINE see: WP0175000
SULFAMETORINE SODIUM see: WP0600000
SULFAMETOSSIPIRIDAZINA (Italian) see: WP0175000
SULFAMETOXIPIRIDAZINE see: WP0400000
SULFAMETOXYPYRIDAZIN (German) see: WP0175000
SULFAMEZATHINE see: WO9275000

WO5950000 SULFAMIC ACID
UPDT:8209 CAS: 5329-14-6 MW: 97.10 MOLFM: H3-N-O3-S
SYN: AMIDOSULFONIC ACID * AMIDOSULFURIC ACID * AMINOSULFONIC ACID * KYSELINA AMIDOSULFONOVA (Czech) * KYSELINA SULFAMINOVA (Czech) * SULFAMIDIC ACID * SULPHAMIC ACID * SULPHAMIC ACID (DOT) * UN 2967 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-hmn 4%/5D-I MLD	JIHTAB 25,26,43
	skn-rbt 500 mg/24H SEV	28ZPAK -,18,72
	eye-rbt 20 mg MOD	JIHTAB 25,26,43
	eye-rbt 250 ug/24H SEV	28ZPAK -,18,72

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:1600 mg/kg	GUCHAZ 6,473,73
	ipr-rat LDLo:100 mg/kg	JIHTAB 25,26,43

STANDARDS & REGULATIONS:

★	DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE	CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WO5966570 SULFAMIC ACID, COBALT SALT
UPDT:8308 MW: 253.13 MOLFM: H6-N2-O6-S2 Co
SYN: COBALTOUS SULFAMATE (DOT) * COBALT SULFAMATE * NA 9105 (DOT)

STANDARDS & REGULATIONS:

★	DOT-HAZARD:ORM-E; LABEL:NONE	CFRGBR 49,172.101,82

SULFAMIC ACID, CYCLOHEXYL-, compd. with (3-PHENYLPROPOXY)GUANIDINE (1:1) see: GV7420000

WO5966800 SULFAMIC ACID, 1,2-DICARBADODECABORAN(12)-1-YL-, MONOPOTASSIUM SALT
UPDT:8403 CAS: 78683-35-9 MW: 277.41 MOLFM: C2-H12-B10-N-O3-S K
SYN: O-CARBORANYLAMINOSULFAMATE POTASSIUM

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:388 mg/kg	MERAA9 26(6),62,81

WO5966900 SULFAMIC ACID, N,N-DICYCLOHEXYL-
UPDT:8403 MW: 261.42 MOLFM: C12-H23-N-O3-S
SYN: DICYCLOHEXYLAMINE SULPHATE

MUTATION DATA AND REFERENCES:

	cyt-hmn:leu 10 umol/L/5H	MUREAV 39,1,76

SULFAMIC ACID, DIMETHYL-, 5-BUTYL-2-(ETHYLAMINO)-6-METHYL-4-PYRIMIDINYL ESTER see: WO5970000

WO5970000 SULFAMIC ACID, N,N-DIMETHYL-, ESTER with 5-BUTYL-2-ETHYLAMINO-6-METHYLPYRIMIDIN-4-OL
UPDT:8403 CAS: 41483-43-6 MW: 316.47 MOLFM: C13-H24-N4-O3-S
SYN: 2-AETHYLAMINO-5-BUTYL-4-YL-DIMETHYLSULFAMAT (German) * BUPIRIMATE * 5-BUTYL-2-ETHYLAMINO-6-METHYLPYRIMIDIN-4-YL DIMETHYLSULPHAMATE * DIMETHYLSULFAMIC ACID 5-BUTYL-2-(ETHYLAMINO)-6-METHYL-4-PYRIMIDINYL ESTER * NIMROD * PP588 * SULFAMIC ACID, DIMETHYL-, 5-BUTYL-2-(ETHYLAMINO)-6-METHYL-4-PYRIMIDINYL ESTER

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:4000 mg/kg	85ARAE 4,115,76
	orl-mus LD50:4000 mg/kg	85DPAN -,-,71/76
	orl-gpg LD50:4000 mg/kg	85DPAN -,-,71/76

WO6125000 SULFAMIC ACID, MONOAMMONIUM SALT
UPDT:8404 CAS: 7773-06-0 MW: 114.14 MOLFM: H2-N-O3-S H4-N
SYN: AMCIDE * AMICIDE * AMMAT * AMMATE * AMMATE X * AMMONIUM AMIDOSULFONATE * AMMONIUM AMIDOSULPHATE * AMMONIUM SULFAMATE * AMMONIUM SULFAMATE (DOT) * AMMONIUM SULPHAMATE * AMMONIUMSALZ DER AMIDOSULFONSAURE (German) * AMS * IKURIN * NA 9089 (DOT) * MONOAMMONIUM SULFAMATE * SULFAMATE * SULFAMINSAURE (German)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3900 mg/kg	FMCHA2 -,C14,83
	ipr-rat LDLo:800 mg/kg	JIHTAB 25,26,43
	orl-mus LD50:3100 mg/kg	GTPZAB 7(5),56,63
	orl-qal LD50:3000 mg/kg	DTLVS* 4,17,80

REVIEW AND REFERENCES:

★	TLV-TWA 10 mg/m3; STEL 20 mg/m3	DTLVS* 4,17,80

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 15 mg/m3 (SCP-W)	FEREAC 39,23540,74
★	DOT-HAZARD:ORM-E; LABEL:NONE	CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 S348#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

WO6475000 SULFAMIDE, N-((DICHLOROFLUOROMETHYL)THIO)-N',N'-DIMETHYL-N-PHENYL-
UPDT:8403 CAS: 1085-98-9 MW: 333.24 MOLFM: C9-H11-Cl2-F-N2-O2-S2
SYN: ANILINE, N-((DICHLOROFLUOROMETHYL)THIO)-N-((DIMETHYLAMINO)SULFONYL)- * BAY 47531 * BAYER 47531 * DICHLOFLUANID * DICHLOFLUANIDE * N-(DICHLOR-FLUOR-METHYL-THIO)-N',N'-DIMETHYL-N-PHENYL-SCHWEFEL-SAEUREDIAMID (German) * 1,1-DICHLORO-N-((DIMETHYLAMINO)SULFONYL)-1-FLUORO-N-PHENYLMETHANE SULFENAMIDE * N-(DICHLOROFLUOROMETHYLTHIO)-N',N'-DIMETHYL-N-PHENYLSULFAMIDE * N-(DICHLOROFLUOROMETHYLTHIO)-N-(DIMETHYLSULFAMOYL)-ANILINE * N,N-DIMETHYL-N'-PHENYL-N'-FLUORODICHLOROMETHYLTHIOSULFAMIDE * ELVARON * EPAREN * EUPAREN * EUPARENE * KU 13-032-C * KUE 13032c

MUTATION DATA AND REFERENCES:

	mmo-sat 5 ug/plate	CSHCAL 4,267,77
	mmo-esc 10 ug/plate	MUREAV 116,185,83
	mmo-esc 100 ug/plate	MUREAV 116,185,83
	mrc-bcs 1 ug/disc/24H	MUREAV 40,19,76
	dni-mus-orl 200 mg/kg	MUREAV 46,305,77

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:500 mg/kg	WRPCA2 9,119,70
	skn-rat LD50:1000 mg/kg	GUCHAZ 6,179,73
	unk-rat LD50:500 mg/kg	30ZDA9 -,264,71
*	orl-mus LD50:1250 mg/kg	MEIEDD 10,442,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SULFAMIDIC ACID see: WO5950000
p-SULFAMIDOANILINE see: WO8400000
SULFAMIDO-2 THIOPHENE (French) see: XN0294000
SULFAMIDYL see: WO8400000
SULFAMINE see: WO8400000
SULFAMINSAURE (German) see: WO6125000
SULFAMOXOLE see: WO9150000
SULFAMOXOLE and TRIMETHOPRIM see: DA9501600
SULFAMOXOLE-TRIMETHOPRIM mixture see: DA9501600
SULFAMOXOLUM see: WO9150000
p-SULFAMOYLBENZOIC ACID see: DH6820000
4-SULFAMOYLBENZOIC ACID see: DH6820000
5'-SULFAMOYL-2-CHLOROADENOSINE see: AU7357570
p-SULFAMOYLPHENYLPHOSPHONIC ACID see: TA0459600
N-(5-SULFAMOYL-1,3,4-THIADIAZOL-2-YL)ACETAMIDE see: AC8225000
SULFAMUL see: WP2360000
p-SULFAMYLBENZOIC ACID see: DH6820000
SULFAMYLON ACETATE see: XT5250000
7-SULFAMYL-6-TRIFLUOROMETHYL-3,4-DIHYDRO-1,2,4-BENZOTHIADIAZINE 1,1-DIOXIDE see: DK9625000
SULFAN see: WT4830000
SULFANA see: WO8400000
SULFANALONE see: WO8400000
SULFAN BLUE see: BP6830000
SULFANIL see: WO8400000
SULFANILACETAMIDE see: AC8450000

WO8400000 SULFANILAMIDE
UPDT:8412 CAS: 63-74-1 MW: 172.22 MOLFM: C6-H8-N2-O2-S
SYN: ALBEXAN * ALBOSAL * AMBESIDE * p-AMINOBENZENESULFAMIDE * p-AMINOBENZENESULFONAMIDE * 4-AMINOBENZENESULFONAMIDE * p-AMINOPHENYLSULFONAMIDE * 4-AMINOPHENYLSULFONAMIDE * p-ANILINESULFONAMIDE * ANILINE-p-SULFONIC AMIDE * ANTISTREPT * ASTREPTINE * ASTROCID * BACTERAMID * BACTESID * BENZENESULFONAMIDE, p-AMINO- * COLLOMIDE * COLSULANYDE * COPTICIDE * DESEPTYL * DIPRON * ERGASEPTINE * ERYSIPAN * ESTREPTOCIDA * F 1162 * 1162 F * FOURNEAU 1162 * GERISON * GOMBARDOL * LUSIL * LYSOCOCCINE * NEOCOCCYL * ORGASEPTINE * PABS * PRONTALBIN * PRONTOSIL ALBUM * PRONTOSIL I * PRONTOSIL WHITE * PRONTYLIN * PRONZIN ALBUM * PROSEPTAL * PROSEPTINE * PROSEPTOL * PYSOCOCCINE * RUBIAZOL A * SANAMID * SEPTAMIDE ALBUM * SEPTANILAM * SEPTINAL * SEPTOLIX * SEPTOPLEX * SEPTOPLIX * STOPTON ALBUM * STRAMID * STREPAMIDE * STREPSAN * STREPTAGOL * STREPTAMID * STREPTASOL * STREPTOCID ALBUM * STREPTOCIDE WHITE * STREPTOCLASE * STREPTOCOM * STREPTOL * p-SULFAMIDOANILINE * STREPTON * STREPTOSIL * STREPTOZOL * STREPTOZONE * STREPTROCIDE * SULFAMIDYL * SULFAMINE * SULFANA * SULFANALONE * SULFANIL * SULFOCIDINE * SULFONAMIDE * SULFONAMIDE P * SULPHANILAMIDE * THERAPOL * WHITE STREPTOCIDE

MUTATION DATA AND REFERENCES:

	mmo-sat 10 uL/plate	ANYAA9 76,475,58
	mmo-esc 50 ug/disc	APMBAY 6,23,58
	dnd-esc 50 umol/L	MUREAV 89,95,81
	dnd-rat:lvr 30 umol/L	SinJF# 26OCT82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T48	unk-wmn TDLo:974 mg/kg (34-37W preg)	JAMAAP 117,1314,41
3T72T75T76	orl-rat TDLo:22 mg/kg (1-22D preg)	JHHBAI 66,139,40
1T81	orl-rat TDLo:22 mg/kg (1-22D preg)	JHHBAI 66,139,40

TUMORIGENIC DATA AND REFERENCES:

2V01V10	scu-rat TDLo:135 mg/kg/9W-I	PSEBAA 68,330,48

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:10500 mg/kg	GISAAA 31(3),11,66
	orl-mus LD50:3700 mg/kg	JOURAA 47,183,42
	ipr-mus LD50:930 mg/kg	KHFZAN 10(12),39,76
	scu-mus LDLo:2500 mg/kg	JAMAAP 110,252,38
	ivn-mus LD50:621 mg/kg	JPETAB 79,127,43
	orl-dog LD50:2000 mg/kg	PCOC** -,1079,66
*	orl-rbt LD50:1300 mg/kg	GISAAA 31(3),11,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JMSHAO 10,343,43; PCNAAB 8,413,61; DPIRDU 2(6),13,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SULFANILAMIDE, N(sup 1)-ACETYL- see: AC8450000

W08575000 SULFANILAMIDE, N(sup 1)-AMIDINO-
UPDT:8403 CAS: 57-67-0 MW: 214.27 MOLFM: C7-H10-N4-O2-S
SYN: ABIGUANIL * N(sup 1)-AMIDINOSULFANILAMIDE * 4-AMINO-N-(AMINOIMINOMETHYL)BENZENESULFONAMIDE * p-AMINOBENZENESULFONYLGUANIDINE * N-p-AMINOBENZENESULPHONYLGUANIDINE MONOHYDRATE * 4-AMINO-N-(DIAMINOMETHYLENE)BENZENESULFONAMIDE * BENZENESULFONAMIDE, 4-AMINO-N-(DIAMINOMETHYLENE)- * ATERIAN * N(sup 1)-(DIAMINOMETHYLENE)SULFANILAMIDE * GANIDAN * GUAMIDE * GUANICIL * GUANIDAN * GUANIDINE, SULFANILYL- * N(sup 1)-GUANYLSULFANILAMIDE * RESULFON * RP 2275 * RUOCID * SHIGATOX * SUGANYL * SULFAGUANIDINE * SULFAGUINE * SULFANILGUANIDINE * SULFANILYLGUANIDINE * SULFOGUANIDINE * SULFOGUENIL * SULFOQUANIDINE * SULGIN * SULPHAGUANIDINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T26T27 orl-rat TDLo:22500 mg/kg (1-15D preg) AFPEAM 7,180,50
1T34 orl-rat TDLo:22500 mg/kg (1-15D preg) AFPEAM 7,180,50
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:500 mg/kg JHHBAI 67,163,40
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JMSHAO 10,343,43
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SULFANILAMIDE and AMINOPTERIN see: MA1243000

W08900000 SULFANILAMIDE, 2-CHLORO-5-(1H-TETRAZOL-5-YL)-N(sup 4)-2-THENYL-
UPDT:8402 CAS: 27589-33-9 MW: 370.86 MOLFM: C12-H11-Cl-N6-O2-S2
SYN: AZOSEMIDE * BENZENESULFONAMIDE, 2-CHLORO-5-(1H-TETRAZOL-5-YL)-4-((2-THIENYLMETHYL)AMINO)- (9CI) * 2-CHLORO-5-(1H-TETRAZOL-5-YL)-N(sup 4)-2-THENYLSULFANILAMIDE * PLE 1053
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:200 mg/kg (16D preg) TJADAB 28,13A,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

W08985000 SULFANILAMIDE, N(sup 1)-(2-DIETHYLAMINOETHYL)-N(sup 1)-(2-PYRIDYLMETHYL)-, DIHYDROCHLORIDE
UPDT:8303 MW: 435.46 MOLFM: C18-H26-N4-O2-S 2Cl-H
SYN: N(sup 1)-(2-DIETHYLAMINOETHYL)-N(sup 1)-(2-PYRIDYLMETHYL)SULFANILAMIDE DIHYDROCHLORIDE * N(sup 1)-(2-PIRIDINMETIL)-N(sup 1)-beta-DIETILAMMINOETILSOLFANIL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:120 mg/kg FRPSAX 15,797,60

W0C986000 SULFANILAMIDE, N(sup 1)-(2-DIETHYLAMINOETHYL)-N(sup 1)-(3-PYRIDYLMETHYL)-, DIHYDROCHLORIDE
UPDT:8303 MW: 435.46 MOLFM: C18-H26-N4-O2-S 2Cl-H
SYN: N(sup 1)-(2-DIETHYLAMINOETHYL)-N(sup 1)-(3-PYRIDYLMETHYL)SULFANILAMIDE DIHYDROCHLORIDE * N(sup 1)-(3-PIRIDINMETIL)-N(sup 1)-beta-DIETILAMMINOETILSOLFANILAMMIDE DICLORIDRATO
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:340 mg/kg FRPSAX 15,797,60

W08987000 SULFANILAMIDE, N(sup 1)-(2-DIETHYLAMINOETHYL)-N(sup 1)-(4-PYRIDYLMETHYL)-, DIHYDROCHLORIDE
UPDT:8303 MW: 435.46 MOLFM: C18-H26-N4-O2-S 2Cl-H
SYN: N(sup 1)-(2-DIETHYLAMINOETHYL)-N(sup 1)-(4-PYRIDYLMETHYL)SULFANILAMIDE DIHYDROCHLORIDE * N(sup 1)-(4-PIRIDINMETIL)-N(sup 1)-beta-DIETILAMMINOETILSOLFANILAMMIDE DICLORIDRATO
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:390 mg/kg FRPSAX 15,797,60

W08995000 SULFANILAMIDE, 3,5-DIIODO-N-(p-SULFAMOYLBENZYL)-
UPDT:8405 MW: 529.09 MOLFM: C13-H13-I2-N3-O4
SYN: 3,5-DIIODO-N-(p-SULFAMOYLBENZYL)SULFANILAMIDE * 4-N-(3,5-DIIODOSULFANILYL)-AMINOMETHYLBENZENESULFONAMIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2000 mg/kg JAPMA8 43,495,54

W09030000 SULFANILAMIDE, N(sup 1)-(2,6-DIMETHOXY-4-PYRIMIDINYL)-
UPDT:8406 CAS: 122-11-2 MW: 310.36 MOLFM: C12-H14-N4-O4-S
SYN: ABCID * AGRIBON * ALBON * 4-AMINO-N-(2,6-DIMETHOXY-4-PYRIMIDINYL)BENZENESULFONAMIDE * ARNOSULFAN * BACTROVET * BENZENESULFONAMIDE, 4-AMINO-N-(2,6-DIMETHOXY-4-PYRIMIDINYL)- (9CI) * DEPOSUL * DIASULFA * DIASULFYL * DIMETAZINA * 2,6-DIMETHOXY-4-(p-AMINOBENZENESULFONAMIDO)PYRIMIDINE * N(sup 1)-(2,6-DIMETHOXY-4-PYRIMIDINYL)SULFANILAMIDE * DIMETHOXYSULFADIAZINE * 2,4-DIMETHOXY-6-SULFANILAMIDO-1,3-DIAZINE * 2,6-DIMETHOXY-4-SULFANILAMIDOPYRIMIDINE * DINOSOL * DORISUL * FUXAL * MADRIBON * MADRIGID * MADRIQID * MADROXIN * MADROXINE * MAXULVET * MEMCOZINE * METOXIDON * NEOSTREPAL * OMNIBON * PERSULFEN * RADONIN * REDIFAL * ROSCOSULF * SCANDISIL * SDM * SDMO * SUDINE * SULDIXINE * SULFADIMETHOXIN * SULFADIMETHOXINE * SULFADIMETHOXYDIAZINE * SULFADIMETOSSINA (Italian) * SULFADIMETOXIN * 6-SULFANILAMIDO-2,4-DIMETHOXYPYRIMIDINE * SULFASOL * SULFASTOP * SULFOPLAN * SULPHADIMETHOXINE * SULXIN * SYMBIO * THERACANZAN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T43T46 orl-rat TDLo:3 gm/kg (9-14D preg) SEIJBO 13,17,73
3T25T35T42 orl-mus TDLo:12 gm/kg (7-12D preg) OYYAA2 7,1005,73
1T43 orl-mus TDLo:6 gm/kg (7-12D preg) OYYAA2 7,1005,73
1T46 orl-mus TDLo:3 gm/kg (7-12D preg) OYYAA2 7,1005,73
1T43 scu-mus TDLo:2 gm/kg (10D preg) SEIJBO 13,85,73
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:866 mg/kg NIIRDN 6,386,82
* scu-mus LD50:791 mg/kg NIIRDN 6,386,82
* ivn-mus LD50:844 mg/kg NIIRDN 6,386,82
* ivn-rbt LD50:1000 mg/kg NIIRDN 6,386,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SULFANILAMIDE, N(sup 1)-(4,6-DIMETHOXY-2-PYRIMIDINYL)- see: DA9495000

W09100000 SULFANILAMIDE, N(sup 1)-(3,4-DIMETHYL-5-ISOXAZOLYL)-
UPDT:8412 CAS: 127-69-5 MW: 267.33 MOLFM: C11-H13-N3-O3-S
SYN: ACCUZOLE * ALPHAZOLE * AMIDOXAL * 5-(p-AMINOBENZENESULFONAMIDO)-3,4-DIMETHYLISOXAZOLE * 5-(p-AMINOBENZENESULPHONAMIDE)-3,4-DIMETHYLISOXAZOLE * 5-(p-AMINOBENZENESULPHONAMIDO)-3,4-DIMETHYLISOXAZOLE * 4-AMINO-N-(3,4-DIMETHYL-5-ISOXAZOLYL)BENZENESULPHONAMIDE * 5-(4-AMINOPHENYLSULFONAMIDO)-3,4-DIMETHYLISOXAZOLE * 5-(4-AMINOPHENYLSULPHONAMIDO)-3,4-DIMETHYLISOXAZOLE * ASTRAZOLO * AZO GANTRISIN * AZOSULFIZIN * BACTESULF * BARAZAE * BENZENESULFONAMIDE, 4-AMINO-N-(3,4-DIMETHYL-5-ISOXAZOLYL)- * CHEMOUAG * 3,4-DIMETHYLISOXALE-5-SULFANILAMIDE * 3,4-DIMETHYLISOXAZOLE-5-SULPHANILAMIDE * N(sup 1)-(3,4-DIMETHYL-5-ISOXAZOLYL)SULFANILAMIDE * N'-(3,4)DIMETHYLISOXAZOL-5-YL-SULPHANILAMIDE * N(sup 1)-(3,4-DIMETHYL-5-ISOXAZOLYL)SULPHANILAMIDE * 3,4-DIMETHYL-5-SULFANILAMIDOISOXAZOLE * 3,4-DIMETHYL-5-SULPHANILAMIDOISOXAZOLE * 3,4-DIMETHYL-5-SULPHONAMIDOISOXAZOLE * DORSULFAN * ENTUSIL * ENTUSUL * GANDA * GANTRISIN * GANTRISINE * GANTRISONA * GANTROSAN * ISOXAMIN * J-SUL * KORO-SULF * NCI-C50022 * NEAZOLIN * NEOXAZOL * NORILGAN-S * NOVAZOLO * NOVOSAXAZOLE * NU 445 * PANCID * RENOSULFAN * RESOXOL * ROXOSUL * ROXOSUL TABLETS * ROXOXOL * SAXOSOZINE * SI * SK-SOXAZOLE * SODIZOLE * SOSOL * SOXAMIDE * SOXISOL * SOXITABS * SOXO * SOXOMIDE * STANSIN * SULBIO * SULFADIMETHYLISOXAZOLE * SULFAFURAZOL * SULFAFURAZOLE * SULFAGAN * SULFAGEN * SULFAISOXAZOLE * 5-SULFANILAMIDO-3,4-DIMETHYLISOXAZOLE * SULFAPOLAR * SULFASOXAZOLE * SULFALAR * SULFASAN * SULFASOL * SULFAZIN * SULFAZOLE * SULFISIN * SULFISONAZOLE * SULFISOXAZOL * SULFISOXAZOLE * SULFIZIN * SULFIZOL * SULFIZOLE * SULFOXOL * SULOXSOL * SULPHADIMETHYLISOXAZOLE * SULPHAFURAZ * SULPHAFURAZOL * SULPHAFURAZOLE * SULPHAFURAZOLUM * SULPHAISOXAZOLE * 5-SULPHANILAMIDO-3,4-DIMETHYL-ISOXAZOLE * SULPHISOXAZOL * SULPHOFURAZOLE * SULSOXIN * THIASIN * TL-AZOLE * UNISULF * URISOXIN * URITRISIN * UROGAN * U.S.-67 * VAGILIA * V-SUL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T43 orl-rat TDLo:6 gm/kg (9-14D preg) SEIJBO 13,7,73
2T34T43 orl-mus TDLo:6 gm/kg (7-12D preg) SEIJBO 13,7,73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:10 gm/kg NIIRDN 6,391,82
orl-mus LD50:6800 mg/kg ARZNAD 15,1441,65
* orl-rbt LD50:20 gm/kg NIIRDN 6,391,82
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 24,275,80
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 24,275,80
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-138,79)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

W09150000 SULFANILAMIDE, N(sup 1)-(4,5-DIMETHYL-2-OXAZOLYL)-
UPDT:8406 CAS: 729-99-7 MW: 267.33 MOLFM: C11-H13-N3-O3-S
SYN: 2-(p-AMINOBENZENESULFONAMIDO)-4,5-DIMETHYLOXAZOLE * p-AMINOBENZENESULFONYL-2-AMINO-4,5-DIMETHYLOXAZOLE * 2-(p-AMINOBENZOLSULFONAMIDO)-4,5-DIMETHYLOXAZOL (German) * 4-AMINO-N-(4,5-DIMETHYL-2-OXAZOLYL)BENZENESULFONAMIDE * BENZENESULFONAMIDE, 4-AMINO-N-(4,5-DIMETHYL-2-OXAZOLYL)- (9CI) * DEPOMIDE * N(sup 1)-(4,5-DIMETHYL-2-OXAZOLYL)SULFANILAMIDE * 4,5-DIMETHYL-2-SULFANILAMIDOOXAZOLE * JUSTAMIL * NUPRIN * OXASULFA * OXAZOLE, 2-(p-AMINOPHENYLSULFONYLAMINO)-4,5-DIMETHYL- * SDMO * SULFABUTIN * SULFADIMETHYLOXAZOLE * SULFAMOXOLE * SULFAMOXOLUM * SULFANO * SULFAVIGOR * SULFMIDIL * SULFUNE * SULFUNO * TARDAMID * TARDAMIDE
TOXICITY DATA AND REFERENCES:
3F17F23J22 ipr-rat LD50:2500 mg/kg ARZNAD 26,634,76
orl-mus LD50:15200 mg/kg ARZNAD 10,612,60
3F12F17J22 ipr-mus LD50:1800 mg/kg ARZNAD 26,634,76
scu-mus LD50:1285 mg/kg ARZNAD 10,612,60
ivn-mus LD50:1000 mg/kg ARZNAD 10,612,60

W09270000 SULFANILAMIDE, N(sup 1)-(2,6-DIMETHYL-4-PYRIMIDINYL)-
UPDT:8305 CAS: 515-64-0 MW: 278.36 MOLFM: C12-H14-N4-O2-S
SYN: 6-(p-AMINOBENZENESULFONAMIDO)-2,4-DIMETHYLPYRIMIDINE * 6-(4-AMINOBENZENESULFONAMIDO)-2,4-DIMETHYLPYRIMIDINE * 6-(p-AMINOBENZENESULFONYL)AMINO-2,4-DIMETHYLPYRIMIDINE * (p-AMINOBENZOLSULFONYL)-4-AMINO-2,6-DIMETHYLPYRIMIDIN (German) * 4-AMINO-N-(2,6-DIMETHYL-4-PYRIMIDINYL)BENZENESULFONAMIDE (9CI) * ARISTAMID * ARISTAMIDE * ARISTOGYN * BENZENESULFONAMIDE, 4-AMINO-N-(2,6-DIMETHYL-4-PYRIMIDINYL)- (9CI) * N(sup 1)-(2,6-DIMETHYL-4-PYRIMIDINYL)SULFANILAMIDE * 2,4-DIMETHYL-6-SULFANILAMIDOPYRIMIDINE * 2,6-DIMETHYL-4-SULFANILAMIDOPYRIMIDINE * DOMIAN * ELCOSINE * ELKOSIL * ELKOSIN * ELKOSINE * MEFENAL * 4-SULFA-2,6-DIMETHYLPYRIMIDINE * SULFADIMETINE * SULFAISODIMERAZINE * SULFAISODIMIDINE * SULFAMETHIN * 4-SULFANILAMIDO-2,6-DIMETHYLPYRIMIDINE * 6-SULFANILAMIDO-2,4-DIMETHYLPYRIMIDINE * SULFASOMIDINE * SULFISOMIDIN * SULFISOMIDINE * SULPHASOMIDINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:6 gm/kg (9-14D preg) SEIJBO 13,7,73
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:50 gm/kg AIPTAK 94,338,53
ivn-mus LD50:36 mg/kg ARZNAD 3,66,53
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

W09275000 SULFANILAMIDE, N(sup 1)-(4,6-DIMETHYL-2-PYRIMIDINYL)-
UPDT:8412 CAS: 57-68-1 MW: 278.36 MOLFM: C12-H14-N4-O2-S
SYN: A-502 * 2-(p-AMINOBENZENESULFONAMIDO)-4,6-DIMETHYLPYRIMIDINE * 6-(4'-AMINOBENZOL-SULFONAMIDO)-2,4-DIMETHYLPYRIMIDIN (German) * (p-AMINOBENZOLSULFONYL)-2-AMINO-4,6-DIMETHYLPYRIMIDIN (German) * AZOLMETAZIN * BENZENESULFONAMIDE, 4-AMINO-N-(4,6-DIMETHYL-2-PYRIMIDINYL)- * CREMOMETHAZINE * DIAZIL * DIAZYL * N(sup 1)-(4,6-DIMETHYL-2-PYRIMIDINYL)SULFANILAMIDE * N-(4,6-DIMETHYL-2-PYRIMIDYL)SULFANILAMIDE * N(sup 1)-(4,6-DIMETHYL-2-PYRIMIDYL)SULFANILAMIDE * 4,6-DIMETHYL-2-SULFANILAMIDOPYRIMIDINE * DIMEZATHINE * MERMETH * METAZIN * NCI-C56600 * NEASINA * NEAZINA * PIRMAZIN * PRIMAZIN * SA III * SPANBOLET * SULFADIMERAZINE * SULFADIMESINE * SULFADIMETHYLDIAZINE * SULFADIMETHYLPYRIMIDINE * SULFADIMETINE * SULFADIMEZINE * SULFADIMIDINE * SULFADINE * SULFAISODIMIDINE * SULFA-ISODIMERAZINE * SULFAMETHAZINE * SULFAMETHIAZINE * SULFAMETHIN * SULFAMEZATHINE * 2-SULFANILAMIDO-4,6-DIMETHYLPYRIMIDINE * SULFISOMIDIN * SULFISOMIDINE * SULFODIMESIN * SULFODIMEZINE * SULMET * SULPHADIMETHYLPYRIMIDINE * SULPHADIMIDINE * SUPERSEPTIL * VERTOLAN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T43T53 orl-rat TDLo:6850 mg/kg (6-15D preg) NTIS** PB83-151035
1T34 orl-rat TDLo:8650 mg/kg (6-15D preg) NTIS** PB83-151035
TUMORIGENIC DATA AND REFERENCES:
2V03V15 imp-rat TDLo:5000 mg/kg ACRAAX 37,258,52
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:50 gm/kg NIIRDN 6,392,82
ivn-mus LD50:1776 mg/kg HBTXAC 5,163,59
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DPIRDU 2(2),5,82
STATUS
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

W09280000 SULFANILAMIDE, N(sup 1)-(2,6-DIMETHYL-4-PYRIMIDINYL)-, MONOSODIUM SALT
UPDT:8305 CAS: 2462-17-1 MW: 301.35 MOLFM: C12-H14-N4-O2-S Na
SYN: BENZENESULFONAMIDE, 4-AMINO-N-(2,6-DIMETHYL-4-PYRIMIDINYL)-, MONOSODIUM SALT (9CI) * N(sup 1)-(2,6-DIMETHYL-4-PYRIMIDINYL)SULFANILAMIDE SODIUM SALT * SODIUM ELKOSIN * SODIUM SULFAMETHINE * SODIUM SULFASOMIDINE * SULFISOMIDINE SODIUM
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2400 mg/kg AIPTAK 94,338,53
* ivn-mus LD50:1500 mg/kg AIPTAK 94,338,53

W09350000 SULFANILAMIDE, 3,5-DINITRO-N(sup 4),N(sup 4)-DIPROPYL-
UPDT:8403 CAS: 19044-88-3 MW: 346.40 MOLFM: C12-H18-N4-O6-S
SYN: 3,5-DINITRO-N(sup 4),N(sup 4)-DIPROPYLSULFANILAMIDE * 4-(DIPROPYLAMINO)-3,5-DINITROBENZENESULFONAMIDE * DIRIMAL * EL-119 * ORYZALIN * RYCELAN * RYCELON * RYZELAN * SURFLAN
MUTATION DATA AND REFERENCES:
mmo-sat 300 ug/plate KHFKDF 8,551,80
mma-sat 300 ug/plate KHFKDF 8,551,80
TOXICITY DATA AND REFERENCES:
orl-rat LD50:10000 mg/kg 85ARAE 2,44,77

W09500000 SULFANILAMIDE, N(sup 1)-(5-ETHYL-1,3,4-THIADIAZOL-2-YL)-, MONOSODIUM SALT
UPDT:8305 CAS: 63979-86-2 MW: 307.37 MOLFM: C10-H12-N4-O2-S2 Na
SYN: BENZENESULFONAMIDE, 4-AMINO-N-(5-ETHYL-1,3,4-THIADIAZOL-2-YL)-, MONOSODIUM SALT (9CI) * SODIUM SULFAETHYLTHIADIAZOLE * SULFAETHYLTHIADIAZOLE SODIUM
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T77 scu-rat TDLo:1200 mg/kg (10-11D preg) JHMJAX 130,95,72
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1398 mg/kg AMSSAQ 142,56,43
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WP0110000 SULFANILAMIDE, N(sup 1)-(6-METHOXY-2-METHYL-4-PYRIMIDINYL)-
UPDT:8310 CAS: 3772-76-7 MW: 294.36 MOLFM: C12-H14-N4-O3-S
SYN: (p-AMINOBENZOLSULFONYL)-4-AMINO-2-METHYL-6-METHOXY-PYRIMIDIN (German) * 4-AMINO-N-(6-METHOXY-2-METHYL-4-PYRIMIDINYL)BENZENESULFONAMIDE * BENZENESULFONAMIDE, 4-AMINO-N-(6-METHOXY-2-METHYL-4-PYRIMIDINYL)- (9CI) * [illegible] * METHOFADIN * METHOFAZINE * SULFAMETHOMIDINE * SULFAMETOMIDINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T43 orl-rat TDLo:3 gm/kg (9-14D preg) SEIJBO 13,17,73

1T25	orl-rat TDLo:6 gm/kg (9-14D preg)	SEIJBO 13,7,73
1T43	orl-mus TDLo:3 gm/kg (7-12D preg)	SEIJBO 13,17,73

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:16 mg/kg	ARZNAD 3,66,53

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WP0175000 SULFANILAMIDE, N(sup 1)-(3-METHOXYPYRAZINYL)-

UPDT:8308 CAS: 152-47-6 MW: 280.33 MOLFM: C11-H12-N4-O3-S

SYN: 2-(p-AMINOBENZENESULFANAMIDE)-3-METHOXYPYRAZINE * 2-(p-AMINOBENZENESULFONAMIDO)-3-METHOXYPYRAZINE * 4-AMINO-N-(3-METHOXYPYRAZINYL)BENZENESULFONAMIDE * AS 18908 * BENZENESULFONAMIDE, 4-AMINO-N-(3-METHOXYPYRAZINYL)- * DALYSEP * FARMITALIA 204/122 * F.I. 5978 * KELFIZIN * KELFIZINA * KELFIZINE * LONGUM * 3-METHOXYPYRAZINE SULFANILAMIDE * N(sup 1)-(3-METHOXYPYRAZINYL)SULFANILAMIDE * N(sup 1)-(3-METHOXY-2-PYRAZINYL)SULFANILAMIDE * 3-METHOXY-2-SULFANILAMIDOPYRAZINE * 3-METHOXY-2-SULFAPYRAZINE * NSC-110433 * POLYCIDAL * SMP * SMP2 * SULFALENE * SULFAMETHOPYRAZINE * SULFAMETHOXYPYRAZINE * SULFAMETOPYRAZINE * SULFAMETOSSIPIRIDAZINA (Italian) * SULFAMETOXYPYRIDAZIN (German) * SULFANILAMIDE, N(sup 1)-(3-METHOXY-2-PYRAZINYL)- * 2-SULFANILAMIDO-3-METHOXYPYRAZINE * SULFAPYRAZINEMETHOXINE * SULFAPYRAZINEMETHOXYINE * SULFAPYRAZINEMETHOXYNE

MUTATION DATA AND REFERENCES:

	sln-asn 1 gm/L	MUREAV 26,159,74

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T25T34T43	orl-rat TDLo:4200 mg/kg (9-14D preg)	OYYAA2 7,1005,73
1T46	orl-rat TDLo:300 mg/kg (9-14D preg)	OYYAA2 7,1005,73
1T76	orl-rat TDLo:1800 mg/kg (9-14D preg)	OYYAA2 7,1005,73
3T43T71T76	orl-mus TDLo:6 gm/kg (7-12D preg)	OYYAA2 7,1005,73
2T25T34	orl-mus TDLo:12 gm/kg (7-12D preg)	OYYAA2 7,1005,73
1T46	orl-mus TDLo:300 mg/kg (7-12D preg)	OYYAA2 7,1005,73
1T35	orl-mus TDLo:3 gm/kg (7-12D preg)	OYYAA2 7,1005,73

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2739 mg/kg	ARZNAD 11,459,61
*	scu-rat LD50:2120 mg/kg	NIIRDN 6,390,82
*	ivn-rat LD50:1790 mg/kg	NIIRDN 6,390,82
*	orl-mus LD50:1292 mg/kg	AIPTAK 127,58,60
*	scu-mus LD50:1590 mg/kg	NIIRDN 6,390,82
*	ivn-mus LD50:893 mg/kg	AIPTAK 127,58,60

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SULFANILAMIDE, N(sup 1)-(3-METHOXY-2-PYRAZINYL)- see: WP0175000
3-SULFANILAMIDE-6-METHOXYPYRIDAZINE see: WP0400000

WP0400000 SULFANILAMIDE, N(sup 1)-(6-METHOXY-3-PYRIDAZINYL)-

UPDT:8403 CAS: 80-35-3 MW: 280.33 MOLFM: C11-H12-N4-O3-S

SYN: ALTEZOL * 4-AMINO-N-(6-METHOXY-3-PYRIDAZINYL)-BENZENESULFONAMIDE (9CI) * 3-(p-AMINOBENZENESULFAMIDO)-6-METHOXYPYRIDAZINE * 3-p-AMINOBENZENESULPHONAMIDO-6-METHOXYPYRIDAZINE * CL 13494 * DAVOSIN * DEPOVERNIL * DUROX * KINEKS * KINEX * KYNEX * LEDERKYN * LENTAC * LISULFEN * LONGIN * MEDICEL * N(sup 1)-(6-METHOXY-3-PYRIDAZINYL)SULFANILAMIDE * 6-METHOXY-3-SULFANILAMIDOPYRIDAZINE * MIDICEL * MIDIKEL * MYASUL * MYLOSUL * OPINSUL * PARAMID * PARAMID SUPRA * PETRISUL * PIRIDOLO * QUINOSEPTYL * RETAMID * RETASULFIN * RP 7522 * SLOSUL * SMOP * SMP * SPOFADAZINE * SULFALEX * SULFAMETHOXYPYRIDAZINE * 3-SULFA-6-METHOXYPYRIDAZINE * SULFAMETOXIPIRIDAZINE * 3-SULFANILAMIDE-6-METHOXYPYRIDAZINE * 3-SULFANILAMIDO-6-METHOXYPYRIDAZINE * 6-SULFANILAMIDO-3-METHOXYPYRIDAZINE * SULFDURAZIN * SULFAPYRIDAZINE * SULFOZONA * SULPHAMETHOXYPYRIDAZINE * SULTIRENE * SURIRENE * VINCES

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T43	orl-rat TDLo:1800 mg/kg (9-14D preg)	SEIJBO 13,7,73
1T34	orl-rat TDLo:1200 mg/kg (9-14D preg)	SEIJBO 13,7,73
2T43T46	orl-mus TDLo:6 gm/kg (7-12D preg)	SEIJBO 13,17,73
2T34T53	orl-mus TDLo:6 gm/kg (7-12D preg)	SEIJBO 13,7,73

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1750 mg/kg	ARZNAD 15,1441,65
	ipr-mus LD50:1200 mg/kg	RPTOAN 37,223,74
	scu-mus LD50:4500 mg/kg	ARZNAD 10,440,60

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WP0600000 SULFANILAMIDE, N(sup 1)-(5-METHOXY-2-PYRIMIDINYL)-, SODIUM SALT

UPDT:8403 CAS: 18179-67-4 MW: 302.31 MOLFM: C11-H11-N4-O3-S .Na

SYN: 2-(p-AMINOBENZENESULFONAMIDO)-5-METHOXYPYRIMIDINE SODIUM SALT * 4-AMINO-N-(5-METHOXY-2-PYRIMIDINYL)BENZENESULFONAMIDE SODIUM SALT * METHOXYPYRIMAL SODIUM * N(sup 1)-(5-METHOXY-2-PYRIMIDINYL)SULFANILAMIDE, SODIUM SALT * 5-METHOXYSULFADIAZINE SODIUM * SULFAMETER SODIUM * SULFAMETHOXYDIAZINE SODIUM * SULFA-5-METHOXYPYRIMIDINE SODIUM SALT * SULFAMETORINE SODIUM * 2-SULFANILAMIDO-5-METHOXYPYRIMIDINE SODIUM SALT

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1000 mg/kg	ARZNAD 11,695,61
	ipr-rat LD50:1100 mg/kg	ARZNAD 11,695,61
	ivn-rat LD50:1200 mg/kg	ARZNAD 11,695,61
	orl-mus LD50:3000 mg/kg	ARZNAD 11,695,61
	ipr-mus LD50:1500 mg/kg	ARZNAD 11,695,61
	ivn-mus LD50:1100 mg/kg	ARZNAD 11,695,61
	ivn-rbt LD50:1000 mg/kg	ARZNAD 11,695,61

WP0700000 SULFANILAMIDE, N'-(5-METHYL-3-ISOXAZOLYL)-

UPDT:8406 CAS: 723-46-6 MW: 253.30 MOLFM: C10-H11-N3-O3-S

SYN: 4-AMINO-N-(5-METHYL-3-ISOXAZOLYL)BENZENESULFONAMIDE * 3-(para-AMINOPHENYLSULPHONAMIDO)-5-METHYLISOXAZOLE * AZO-GANTANOL * BACTRIM * BENZENESULFONAMIDE, 4-AMINO-N-(5-METHYL-3-ISOXAZOLYL)- * CO-TRIMOXAZOLE * BENZENESULFONAMIDE, 4-AMINO-N-(5-METHYL-3-ISOXAZOYL)- (9CI) * EUSAPRIM * FECTRIM * GANTANOL * N'-(5-METHYL-3-ISOXAZOLE)SULFANILAMIDE * N'-(5-METHYL-3-ISOXAZOLYL)SULFANILAMIDE * 5-METHYL-3-SULFANILAMIDOISOXAZOLE * 5-METHYL-3-SULFANYLAMIDOISOXAZOLE * N'-(5-METHYLISOXAZOL-3-YL)SULPHANILAMIDE * N(sup 1)-(5-METHYL-3-ISOXAZOLYL)SULPHANILAMIDE * MS 53 * 5-METHYL-3-SULPHANIL-AMIDOISOXAZOLE * METOXAL * RADONIL * RO 4-2130 * SIM * SINOMIN * SEPTRA * SEPTRAN * SEPTRIN * SULFAMETHALAZOLE * SULFAMETHOXAZOL * SULFAMETHOXAZOLE * SULFAMETHYLISOXAZOLE * SULPHAMETHALAZOLE * SULPHAMETHOXAZOL * SULPHAMETHOXAZOLE * SULPHA-METHOXIZOLE * SULPHAMETHYLISOXAZOLE * 3-SULPHANILAMIDO-5-METHYLISOXAZOLE * SULPHISOMEZOLE * TRIB * TRIMETOPRIM-SULFA * 3-SULFANILAMIDO-5-METHYLISOXAZOLE * SULFISOMEZOLE

TUMORIGENIC DATA AND REFERENCES:

3V03J60N62	orl-rat TDLo:21 gm/kg/60W-C	TXAPA9 24,351,73

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:8400 mg/kg	NIIRDN 6,388,82
*	ipr-rat LD50:2690 mg/kg	NIIRDN 6,388,82
*	orl-mus LD50:2650 mg/kg	ARZNAD 15,1441,65
*	ipr-mus LD50:2300 mg/kg	NIIRDN 6,388,82

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: HFHBAG 29(1),364,74

★	CARCINOGENIC REVIEW:ANIMAL SUSPECTED	IARC** 24,285,80
★	CARCINOGENIC REVIEW:HUMAN INDEFINITE	IARC** 24,285,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WP0750000 SULFANILAMIDE, N(sup 1)-(4-METHYL-2-PYRIMIDINYL)-

UPDT:8305 CAS: 127-79-7 MW: 264.33 MOLFM: C11-H12-N4-O2-S

SYN: A-310 * BENZENESULFONAMIDE, 4-AMINO-N-(4-METHYL-2-PYRIMIDINYL)- * (p-AMINOBENZOLSULFONYL)-2-AMINO-4-METHYLPYRIMIDIN (German) * 4-AMINO-N-(4-METHYL-2-PYRIMIDINYL)-BENZENESULFONAMIDE (9CI) * CREMOMERAZINE * DEBENAL-M * KELAMERAZINE * N(sup 1)-(4-METHYL-2-PYRIMIDINYL)SULFANILAMIDE * MEBACID * MESULFA * METHYLPYRIMAL * METHYLSULFAZIN * PERCOCCIDE * PIRIMAL-M * PYRALCIL * PYRIMAL M * ROMEZIN * RP 2632 * 2643-RP * SEPTACIL * SULFAMERADINE * SULFAMERAZIN * SULFAMERAZINE * SULFAMETHYLDIAZINE * SULPHAMERAZINE * SUMEDINE * VETA-MERAZINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T77	orl-mus TDLo:6 gm/kg (6-10D preg)	JPETAB 101,362,51

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:25 gm/kg	AIPTAK 94,338,53
	ivn-mus LD50:31 mg/kg	ARZNAD 3,66,53

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WP0760000 SULFANILAMIDE, N(sup 1)-(4-METHYL-2-PYRIMIDINYL)-, MONOSODIUM SALT

UPDT:8401 CAS: 127-58-2 MW: 287.32 MOLFM: C11-H12-N4-O2-S .Na

SYN: BENZENESULFONAMIDE, 4-AMINO-N-(4-METHYL-2-PYRIMIDINYL)-, MONOSODIUM SALT (9CI) * N(sup 1)-(4-METHYL-2-PYRIMIDINYL)SULFANILAMIDE SODIUM SALT * SODIUM SULFAMERAZINE * SODIUM SULPHAMERAZINE * SOLUBLE SULFAMERAZINE * SOLUMEDINE * SULFAMERAZINE SODIUM

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:2800 mg/kg	AIPTAK 94,338,53
*	ivn-mus LD50:900 mg/kg	AIPTAK 94,338,53

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WP1225000 SULFANILAMIDE, MONOSODIUM SALT

UPDT:8305 CAS: 10103-15-8 MW: 195.21 MOLFM: C6-H8-N2-O2-S .Na

SYN: SODIUM SULFANILAMIDE * SULFANILAMIDE SODIUM

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:3300 mg/kg	JPETAB 67,454,39
	i-mus LD50:2609 mg/kg	JPETAB 71,138,41
	mus LDLo:3000 mg/kg	PSEBAA 43,328,40

SULFANILAMIDE, N(sup 1)-(1-PHENYLPYRAZOL-5-YL)- (8CI) see: DA9520000
SULFANILAMIDE, N(sup 1)-2-PYRIDYL- see: DA9625000
SULFANILAMIDE, N(sup 1)-2-PYRIDYL-, MONOSODIUM SALT see: WD7175000
SULFANILAMIDE, N(sup 1)-2-PYRIDYL-, N(sup 1)-SODIUM deriv. see: WD7175000

WP1925000 SULFANILAMIDE, N(sup 1)-2-PYRIMIDINYL-

UPDT:8305 CAS: 68-35-9 MW: 250.30 MOLFM: C10-H10-N4-O2-S

SYN: ADIAZINE * BENZENESULFONAMIDE, 4-AMINO-N-2-PYRIMIDINYL- * COCO-DIAZINE * CODIAZINE * CREMODIAZINE * DEBENAL * DELTAZINA * DIAZOLONE * DIAZYL * ESKADIAZINE * HONEY DIAZINE * LIPO-DIAZINE * LIPO-LEVAZINE * LIQUADIAZINE * MICROSULFON * NEAZINE * PECTA-DIAZINE, suspension * PIRIDISIR * PYRIMAL * PYRIMIDINE, 2-SULFANILAMIDO- * N(sup 1)-2-PYRIMIDINYL-SULFANILAMIDE * RP 2616 * SANODIAZINE * SDA * SILVADENE * S.N. 112 * SPOFADRIZINE * STERAZINE * SULFADIAZENE * SULFADIAZINE * SULFANILAMIDOPYRIMIDINE * 2-SULFANILYLAMINOPYRIMIDINE * SULFAPYRIMIDIN (German) * SULFAPYRIMIDINE * 2-SULFAPYRIMIDINE * SULFAZINE * SULPHADIAZINE * THERADIAZINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T43	orl-rat TDLo:6 gm/kg (9-14D preg)	SEIJBO 13,7,73
3T25T34T42	orl-mus TDLo:6 gm/kg (7-12D preg)	SEIJBO 13,7,73
2T41T43	orl-mus TDLo:6 gm/kg (7-12D preg)	SEIJBO 13,17,73

TOXICITY DATA AND REFERENCES:

3F01M11M14	unk-chd TDLo:138 mg/kg	PGMJAO 53,103,77
	ipr-rat LDLo:446 mg/kg	KLWOAZ 27,449,49
	orl-mus LD50:2000 mg/kg	29ZVAB -,109,69
	ipr-mus LD50:750 mg/kg	29ZVAB -,109,69
*	scu-mus LD50:1600 mg/kg	NIIRDN 6,386,82
*	ivn-mus LD50:180 mg/kg	CSLNX* NX#03347

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JMSHAO 10,343,43; ADVPA3 4,263,66

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WP2000000 SULFANILAMIDE, N(sup 1)-2-PYRIMIDINYL-, MONOSODIUM SALT

UPDT:8305 CAS: 547-32-0 MW: 273.29 MOLFM: C10-H10-N4-O2-S .Na

SYN: BENZENESULFONAMIDE, 4-AMINO-N-2-PYRIMIDINYL-, MONOSODIUM SALT * MONOSODIUM 2-SULFANILAMIDOPYRIMIDINE * N(sup 1)-2-PYRIMIDINYLSULFANILAMIDE MONOSODIUM SALT * SODIUM, (N(sup 1)-2-PYRIMIDINYLSULFANILAMIDO)- * SODIUM SULFADIAZINE * SODIUM SULFAPYRIMIDINE * SOLUBLE SULFADIAZINE * SULFADIAZINE SODIUM * SULFANILAMIDE, N(sup 1)-2-PYRIMIDINYL-, N(sup 1)-SODIUM DERIV * 2-SULFANILAMIDOPYRIMIDINE SODIUM SALT

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T77	orl-mus TDLo:1440 mg/kg (1D preg)	JPETAB 101,362,51
1T77	mul-mus TDLo:2400 mg/kg (6-7D preg)	JPETAB 101,362,51

TOXICITY DATA AND REFERENCES:

	scu-mus LDLo:1500 mg/kg	JHHBAI 67,427,40
*	orl-mus LD50:1700 mg/kg	AIPTAK 94,338,53
*	scu-mus LD50:1398 mg/kg	AMSSAQ 142,56,43
*	ivn-mus LD50:540 mg/kg	AIPTAK 94,338,53

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SULFANILAMIDE, N(sup 1)-2-PYRIMIDINYL-, N(sup 1)-SODIUM DERIV see: WP2000000

WP2100000 SULFANILAMIDE, N(SUP 1)-2-QUINOXALINYL-

UPDT:8309 CAS: 59-40-5 MW: 300.36 MOLFM: C14-H12-N4-O2-S

SYN: 2-p-AMINOBENZENESULFONAMIDOQUINOXALINE * 2-p-AMINOBENZENESULPHONAMIDOQUINOXALINE * COMPOUND 3-120 * N-(2-QUINOXALINYL)SULFANILAMIDE * N-2-QUINOXALYLSULFANILAMIDE * SULFABENZPYRAZINE * SULFACOX * SULFALINE * 2-SULFANILAMIDOQUINOXALINE * SULFAQUINOXALINE * SULQUIN

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:1000 mg/kg	JPETAB 82,357,44
*	orl-rat LD50:1370 mg/kg	MahWM# 16NOV82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SULFANILAMIDE SODIUM see: WP1225000

WP2360000 SULFANILAMIDE, N(sup 1)-2-THIAZOLYL-

UPDT:8403 CAS: 72-14-0 MW: 255.33 MOLFM: C9-H9-N3-O2-S2

SYN: 2-(p-AMINOBENZENESULFONAMIDO)THIAZOLE * 2-(p-AMINOBENZENESULPHONAMIDO)THIAZOLE * 4-AMINO-N-2-THIAZOLYLBENZENESULFONAMIDE * AZOSEPTALE * CERAZOL (suspension) * CHEMOSEPT * CIBAZOL * DUATOK * ELEUDRON * FORMOSULFATHIAZOLE * M & B 760 * NEOSTREPSAN * NORSULFASOL * NORSULFAZOLE * PLANOMIDE * POLISEPTIL * RP 2090 * STREPTOSILTHIAZOLE * SULFAMUL * 2-SULFANILAMIDOTHIAZOLE * 2-(SULFANILYLAMINO)THIAZOLE * SULFATHIAZOL * SULFATHIAZOLE * 2-SULFONAMIDOTHIAZOLE * SULPHATHIAZOLE * SULZOL * THIACOCCINE * THIAZAMIDE * N(sup 1)-2-THIAZOLYLSULFANILAMIDE * THIOZAMIDE * USAF SN-9

MUTATION DATA AND REFERENCES:

	dnd-esc 50 umol/L	MUREAV 89,95,81
	pic-omi 5 mg/L	JGMIAN 8,116,53

TUMORIGENIC DATA AND REFERENCES:

2V03V15	par-rat TDLo:500 mg/kg	ACRAAX 37,258,52
2V03V15	orl-mus TDLo:2310 mg/kg/2W-C	ACRAAX 37,258,52
2V03V15	par-mus TDLo:500 mg/kg	ACRAAX 37,258,52

TOXICITY DATA AND REFERENCES:

	ipr-rat LDLo:1250 mg/kg	HBTXAC 5,164,59
*	par-rat LDLo:1000 mg/kg	ACRAAX 37,258,52
*	orl-mus LD50:24 gm/kg	AIPTAK 94,338,53
	ipr-mus LD50:400 mg/kg	NTIS** AD277-689
	scu-mus LD50:1450 mg/kg	HBTXAC 5,164,59
	ivn-mus LD50:990 mg/kg	HBTXAC 5,164,59

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JMSHAO 10,343,43

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WP2450000 SULFANILAMIDE, N(sup 1)-2-THIAZOLYL-, MONOSODIUM SALT
UPDT:8403 CAS: 144-74-1 MW: 278.32 MOLFM: C9-H9-N3-O2-S2 Na
SYN: MONOSODIUM 2-SULFANILAMIDOTHIAZOLE * SODIUM NORSULFAZOLE * SODIUM 2-SULFANILAMIDOTHIAZOLE * SODIUM SULFATHIAZOLE * SODIUM, (N(sup 1)-2-THIAZOLYLSULFANILAMIDO)- * SOLUBLE SULFATHIAZOLE * SULFANILAMIDE, N(sup 1)-2-THIAZOLYL-, N(sup 1)-SODIUM deriv. * 2-SULFANILAMIDOTHIAZOLE SODIUM SALT * SULFATHIAZOLE SODIUM * N(sup 1)-2-THIAZOLYLSULFANILAMIDE SODIUM SALT

TOXICITY DATA AND REFERENCES:

	ipr-rat LDLo:750 mg/kg	PSEBAA 45,15,40
*	orl-mus LD50:3800 mg/kg	AIPTAK 94,338,53
	scu-mus LD50:1434 mg/kg	JPETAB 71,138,41
*	ivn-mus LD50:950 mg/kg	AIPTAK 94,338,53
	par-mus LD50:1950 mg/kg	PSEBAA 43,328,40

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SULFANILAMIDE, N(sup 1)-2-THIAZOLYL-, N(sup 1)-SODIUM deriv. see: WP2450000
4-SULFANILAMIDO-5,6-DIMETHOXYPYRIMIDINE see: DA9500000
6-SULFANILAMIDO-2,4-DIMETHOXYPYRIMIDINE see: WO9030000
5-SULFANILAMIDO-3,4-DIMETHYLISOXAZOLE see: WO9100000
2-SULFANILAMIDO-4,6-DIMETHYLPYRIMIDINE see: WO9275000
4-SULFANILAMIDO-2,6-DIMETHYLPYRIMIDINE see: WO9270000
6-SULFANILAMIDO-2,4-DIMETHYLPYRIMIDINE see: WO9270000
SULFANILAMIDOMETHANESULFONIC ACID SALT with 2,2',2''-NITRILOTRIETHANOL see: PB2690000
SULFANILAMIDOMETHANESULFONIC ACID TRIETHANOLAMINE SALT see: PB2690000
2-SULFANILAMIDO-3-METHOXYPYRAZINE see: WP0175000
3-SULFANILAMIDO-6-METHOXYPYRIDAZINE see: WP0400000
6-SULFANILAMIDO-3-METHOXYPYRIDAZINE see: WP0400000
2-SULFANILAMIDO-5-METHOXYPYRIMIDINE SODIUM SALT see: WP0600000
3-SULFANILAMIDO-5-METHYLISOXAZOLE see: WP0700000
5-SULFANILAMIDO-1-PHENYLPYRAZOLE see: DA9520000
SULFANILAMIDOPYRIMIDINE see: WP1925000
2-SULFANILAMIDOPYRIMIDINE SODIUM SALT see: WP2000000
2-SULFANILAMIDOQUINOXALINE see: WP2100000
2-SULFANILAMIDOTHIAZOLE see: WP2360000
2-SULFANILAMIDOTHIAZOLE SODIUM SALT see: WP2450000

WP3870000 SULFANILANILIDE, 4'-(DIMETHYLSULFAMOYL)-
UPDT:8403 CAS: 515-67-3 MW: 355.46 MOLFM: C14-H17-N3-O4-S2
SYN: ALBASIL * 4-(4'-AMINOPHENYLSULFONAMIDO)PHENYLSULFONDIMETHYLAMIDE * 4-(((4-AMINOPHENYL)SULFONYL)AMINO)-N,N-DIMETHYLBENZENESULFONAMIDE * DB 90 * 4'-(DIMETHYLSULFAMYL)SULFANILANILIDE * N(sup 1),N(sup 1)-DIMETHYL-N(sup 4)-SULFANILYLSULFANILAMIDE * DISEPTAL * DISEPTAL A * ULERON * ULIRON

TOXICITY DATA AND REFERENCES:

*	ivn-mus LDLo:750 mg/kg	MEIEDD 10,474,83

SULFANILGUANIDINE see: WO8575000

WP3898800 SULFANILIC ACID, N-(3,5-DIIODOBENZENESULFONYL)-, SODIUM SALT
UPDT:8405 MW: 555.06 MOLFM: C12-H8-I2-N-O5-S Na
SYN: N-(3,5-(DIIODOBENZENESULFONYL)SULFANILIC ACID SODIUM SALT * SODIUM N-(3,5-DIIODOBENZENESULFONYL)-SULFANILATE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:4500 mg/kg	JAPMA8 43,495,54

WP3898900 SULFANILIC ACID, N-(3,5-DIIODOSULFANILYL)-, SODIUM SALT
UPDT:8405 MW: 604.16 MOLFM: C12-H11-I2-N2-O5-S2 Na
SYN: N-(3,5-DIIODOSULFANILYL)SULFANILIC ACID SODIUM SALT * SODIUM N-3,5-DIIODOSULFANILYLSULFANILATE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1200 mg/kg	JAPMA8 43,495,54

WP3899200 SULFANILIC ACID, 2-METHYL-2-(alpha-METHYLPHENETHYL)-1-(2-THIAZOLYL)HYDRAZIDE, (+-)-
UPDT:8408 MW: 404.59 MOLFM: C19-H24-N4-O2-S2
SYN: dl-DESOXYEPHEDRONIUM SULFATHIAZOLE * (+-)-2-METHYL-2-(alpha-METHYLPHENETHYL)-1-(2-THIAZOLYL)HYDRAZIDE of SULFANILIC ACID

TOXICITY DATA AND REFERENCES:

*	ivn-mus LDLo:87 mg/kg	JAPMA8 33,142,44

WP3899500 SULFANILIC ACID, N-(3,4,5-TRIIODOBENZENESULFONYL)-, SODIUM SALT
UPDT:8405 MW: 713.01 MOLFM: C12-H7-I3-N-O5-S2 Na
SYN: SODIUM N-3,4,5-TRIIODOBENZENESULFONYLSULFANILATE * N-(3,4,5-TRIIODOBENZENESULFONYL)SULFANILIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:4000 mg/kg	JAPMA8 43,495,54

N-SULFANILYLACETAMIDE see: AC8450000
2-SULFANILYL AMINOPYRIDINE see: DA9625000
2-SULFANILYLAMINOPYRIMIDINE see: WP1925000
2-(SULFANILYLAMINO)THIAZOLE see: WP2360000
N(sup 1)-SULFANILYL-N(sup 2)-BUTYLCARBAMIDE see: YS4200000
N(sup 1)-SULFANILYL-N(sup 2)-BUTYLUREA see: YS4200000
N-SULFANILYL N'BUTYLUREE (French) see: YS4200000
SULFANILYLGUANIDINE see: WO8575000
SULFANO see: WO9150000

WP4100000 SULFANOL
UPDT:8305 CAS: 12653-83-7
SYN: SULFONOL

TOXICITY DATA AND REFERENCES:

3L14P20U01	orl-rat LD50:2149 mg/kg	GTPPAF 8,115,72

WP4103000 SULFANOL NP 1
UPDT:8311 CAS: 12765-82-1
SYN: NP 1 * SULFONAL NP 1 * SULPHONAL NP 1

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1575 mg/kg	GISAAA 47(9),33,82

WP4105000 SULFANOL NP 6
UPDT:8303 CAS: 37318-80-2
SYN: NP-6 * SULFONOL NP 6

MUTATION DATA AND REFERENCES:

dnd-mus:fbr 300 umol/L	BJCAAI 37(Suppl 3),124,78

SULFAPHENAZOLE see: DA9520000
SULFAPHENAZON see: DA9520000
SULFAPHENYLPIPAZOL see: DA9520000
SULFAPHENYLPYRAZOLE see: DA9520000
SULFAPOL see: DB6825000
SULFAPOLAR see: WO9100000
SULFAPOLU (Polish) see: DB6825000
SULFAPYRAZINEMETHOXINE see: WP0175000
SULFAPYRAZINEMETHOXYINE see: WP0175000
SULFAPYRAZINEMETHOXYNE see: WP0175000
SULFAPYRIDAZINE see: WP0400000
SULFAPYRIDINE see: DA9625000
2-SULFAPYRIDINE see: DA9625000
SULFAPYRIDINE NEUTRAL SOLUBLE see: TZ2575000
SULFAPYRIDINE SODIUM see: WD7175000
SULFAPYRIDINE, SODIUM SALT see: WD7175000
SULFAPYRIMIDIN (German) see: WP1925000
SULFAPYRIMIDINE see: WP1925000
2-SULFAPYRIMIDINE see: WP1925000
SULFAQUINOXALINE see: WP2100000
SULFARLEM see: JP1292500
SULFARSENOBENZENE see: PB1400000
SULFARSENOL see: PB1400000
SULFARSPHENAMINE see: PB1400000
SULFARSPHENAMINE BISMUTH see: EB2625000
SULFASALAZINE see: VO6250000
SULFASAN see: QE3325000
SULFASAN see: LQ7700000
SULFASAN see: WO9100000
SULFASAN R see: QE3325000
SULFASAN R POWDER see: QE3325000
SULFASOL see: WO9030000
SULFASOL see: WO9100000
SULFASOMIDINE see: WO9270000
SULFASOXAZOLE see: WO9100000
SULFASTOP see: WO9030000
SULFASUXIDINE MONOHYDRATE see: WM4770000
SULFATE d'ATROPINE (French) see: CK2450000
SULFATE de CORYNANTHINE (French) see: ZG1038000
SULFATE DE CUIVRE (French) see: GL8800000
SULFATE DE METHYLE (French) see: WS8225000
SULFATE DE NICOTINE (French) see: QS9625000
SULFATE DE PLOMB (French) see: OG4375000
SULFATE DE ZINC (French) see: ZH5260000
SULFATE DIMETHYLIQUE (French) see: WS8225000
SULFATE ESTER of N-HYDROXY-N-2-FLUORENYLACETAMIDE see: AL0275000
SULFATE MERCURIQUE (French) see: OX0500000
SULFATEP see: XN4375000
SULFATHIAZOL see: WP2360000
SULFATHIAZOLE see: WP2360000
SULFATHIAZOLE SODIUM see: WP2450000
SULFATOBIS(DIMETHYLSELENIDE)PLATINUM(II) HYDRATE see: TP2246700
SULFATO-1,2-DIAMINOCYCLOHEXANEPLATINUM(II) see: TP2280500
cis-SULFATO-1,2-DIAMINOCYCLOHEXANEPLATINUM(II) see: TP2170550
trans(-)-SULFATO-1,2-DIAMINOCYCLOHEXANEPLATINUM(II) see: TP2170500
trans(+)-SULFATO-1,2-DIAMINOCYCLOHEXANEPLATINUM(II) see: TP2170510
SULFATOM AMMONIYA (Russian) see: BS4500000
SULFATROPINOL see: CK2450000
SULFAVIGOR see: WO9150000
SULFAZIN see: WO9100000
SULFAZINE see: WP1925000
SULFAZOLE see: WO9100000
SULFDURAZIN see: WP0400000
SULFENAMIDE M see: DL5950000
SULFENAMIDE TS see: DL6250000
SULFENAZIN see: SP5400000

WP8730000 SULFENIC ACID, 2-IMIDAZOLIN-2-YL ESTER, mixed with SODIUM NITRITE
UPDT:8308 MW: 187.17 MOLFM: C3-H6-N2-O-S .N-Na-O2
SYN: 2-IMIDAZOLINE, 2-SULFENO- * 2-IMIDAZOLIN-2-YL SULFENATE mixed with SODIUM NITRITE * SODIUM NITRITE mixed with 2-IMIDAZOLIN-2-YL SULFENATE

MUTATION DATA AND REFERENCES:

hma-mus/sat 5 mg/kg	MUREAV 106,27,82

WP8735000 SULFENIC ACID, 1-NITROSO-2-IMIDAZOLIN-2-YL ESTER
UPDT:8308 MW: 147.17 MOLFM: C3-H5-N3-O2-S
SYN: N-NITROSO-2-IMIDAZOLIN-2-YL SULFENATE

MUTATION DATA AND REFERENCES:

mmo-sat 25 ug/plate	MUREAV 106,27,82

SULFENONE see: WR5775000
SULFENTANIL see: UE5295000
SULFENTERONE MONOHYDRATE see: WM4770000
SULFERROUS see: NO8510000
SULFERROUS see: NO8500000
SULFETHYLIC ACID see: WT1101700
SULFIDAL see: WS4250000
SULFIDE, AMMONIUM POTASSIUM mixed with AMMONIUM POTASSIUM SELENIDE see: BS4030000
SULFIDE, BIS(p-AMINOPHENYL) see: BY9625000

WQ0900000 SULFIDE, BIS(2-CHLOROETHYL)
UPDT:8402 CAS: 505-60-2 MW: 159.08 MOLFM: C4-H8-Cl2-S
SYN: BIS(beta-CHLOROETHYL)SULFIDE * BIS(2-CHLOROETHYL)SULFIDE * BIS(2-CHLOROETHYL)SULPHIDE * 1-CHLORO-2-(beta-CHLOROETHYLTHIO)ETHANE * 2,2'-DICHLORODIETHYL SULFIDE * DI-2-CHLOROETHYL SULFIDE * beta,beta'-DICHLOROETHYL SULFIDE * beta,beta-DICHLOR-ETHYL-SULPHIDE * 2,2'-DICHLOROETHYL SULPHIDE * DISTILLED MUSTARD * H * HD * KAMPSTOFF 'LOST' * MUSTARD HD * MUSTARD GAS * MUSTARD, SULFUR * MUSTARD VAPOR * SCHWEFEL-LOST * S-LOST * S MUSTARD * SULFUR MUSTARD GAS * SULFUR MUSTARD * SULPHUR MUSTARD * SULPHUR MUSTARD GAS * 1,1'-THIOBIS(2-CHLOROETHANE) * YELLOW CROSS LIQUID * YPERITE

IRRITATION DATA AND REFERENCES:

skn-man 2000 mg/m3/1H SEV	NTIS** AD-A011-260
eye-man 100 mg/m3/6H MOD	NTIS** AD-A011-260
eye-rbt 200 mg/m3/30M MLD	NTIS** AD-A011-260
eye-rbt 200 mg/m3/2M MLD	NTIS** AD-A011-260

MUTATION DATA AND REFERENCES:

mrc-esc 5 ug/well	MUREAV 46,53,77
slt-dmg-par 300 umol/L	MUREAV 13,19,71
cyt-dmg-ihl 10 pph/15M-I	PREBA3 62,271,47
sln-dmg-ihl 10 pph/15M-I	PREBA3 62,271,47
sln-dmg-par 300 umol/L	CNREA8 32,550,72
dlt-dmg-ihl 10 pph/15M-I	PREBA3 62,271,47
trn-dmg-ihl 10 pph/15M-I	PREBA3 62,271,47
mmo-nsc 200 umol/L/30M	PNASA6 35,581,49
dnd-smc 500 umol/L	CBINA8 44,27,83
dnd-hmn:hla 2 mg/L	CBINA8 4,297,72
dns-hmn:hla 200 mg/L	NATUAS 218,970,68
dni-hmn:hla 75 mg/L	IUSMDJ 9,41,79
oms-hmn:hla 75 mg/L	IUSMDJ 9,41,79
dnd-mus/ast 2 mg/kg	BIJOAK 80,496,61
dnd-mus:lym 1 mg/L	BBACAQ 179,179,69
cyt-mus/leu 100 mg/kg	MUREAV 21,6,73
cyt-mus:leu 20 ug/L	MUREAV 21,6,73
dlt-mus-ihl 630 ug/kg	MUREAV 21,13,73
msc-mus/leu 100 mg/kg	MUREAV 21,6,73
msc-mus:leu 20 ug/L	MUREAV 21,6,73
hma-mus/esc 100 mg/kg	CNREA8 34,3073,74
hma-mus/sat 100 mg/kg	CNREA8 34,3073,74
dns-mam:lym 750 nmol/L	CHRTBC 3,162,72
cyt-mam:lym 750 nmol/L	CHRTBC 3,162,72
dnd-ckn:leu 30 mmol/L	TELEAY (29),2477,75

TUMORIGENIC DATA AND REFERENCES:
2V01R60 ihl-rat TCLo:100 ug/m3/1Y-I NTIS** AD-A011-260
3V02J60P61 ihl-mus TCLo:1250 mg/m3/15M-C PSEBAA 82,457,53
2V03V10 scu-mus TDLo:6 mg/kg/6W-I JNCIAM 14,131,53
2V02J60 ivn-mus TDLo:600 mg/kg/6D-I JNCIAM 11,415,50
TOXICITY DATA AND REFERENCES:
ihl-hmn LC50:1500 mg/m3/M NTIS** AD-A011-260
ihl-hmn LCLo:23 ppm/10M NTIS** PB214-270
skn-hmn LDLo:64 mg/kg WHOTAC -,24,70
ihl-rat LC50:420 mg/m3/2M NTIS** AD-A011-260
skn-rat LD50:9 mg/kg CNRMAW 25,141,47
scu-rat LD50:1500 ug/kg CNRMAW 25,141,47
ivn-rat LD50:700 ug/kg JPETAB 93,1,48
ihl-mus LCLo:189 mg/m3/10M NDRC** NDCrc-132,Jan,42
skn-mus LD50:92 mg/kg JPETAB 93,1,48
scu-mus LDLo:4 mg/kg JNCIAM 14,131,53
ivn-mus LD50:8600 ug/kg JPETAB 93,1,48
skn-dog LD50:20 mg/kg NTIS** PB158-507
skn-rbt LD50:100 mg/kg JPETAB 93,1,48
ivn-rbt LD50:1100 ug/kg JPETAB 93,1,48
skn-gpg LD50:20 mg/kg NTIS** PB158-507
skn-dom LD50:50 mg/kg NTIS** PB158-507
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85CVA2 5,63,70
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 9,181,75
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 9,181,75
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SULFIDE, BIS(2-CYANOETHYL) see: UG4375000

WQ1750000 SULFIDE, BIS(DIMETHYLTHIOCARBAMOYL)
UPDT:8401 CAS: 97-74-5 MW: 208.38 MOLFM: C6-H12-N2-S3
SYN: ACETO TMTM * BIS(DIMETHYLTHIOCARBAMOYL)SULFIDE * BIS(DIMETHYLTHIOCARBAMYL) MONOSULFIDE * CARBAMIC ACID, DIMETHYLDITHIO-, ANHYDROSULFIDE * CARBAMIC ANHYDRIDE, TETRAMETHYLTRITHIO- * FORMAMIDE, 1,1'-THIOBIS(N,N-DIMETHYLTHIO- * MONEX * MONO-THIURAD * MONOTHIURAM * PENNAC MS * TETRAMETHYLTHIURAMMONIUM SULFIDE * TETRAMETHYLTHIURAM MONOSULFIDE * TETRAMETHYLTHIURAMONOSULFIDE * TETRAMETHYLTHIURAM SULFIDE * THIONEX * THIONEX RUBBER ACCELERATOR * THIURAM MONOSULFIDE, TETRAMETHYL- * TMTM * TMTMS * UNADS * USAF B-32 * USAF EK-P-6255
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate MUREAV 68,313,79
mma-sat 5 ug/plate MUREAV 68,313,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 scu-mus TDLo:900 mg/kg (6-14D preg) NTIS** PB223-160
TUMORIGENIC DATA AND REFERENCES:
3V03Jo0P60 scu-mus TDLo:100 mg/kg NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg JPETAB 90,260,47
ipr-rat LDLo:25 mg/kg RCTEA4 44,513,71
3L30M03P20 orl-mus LD50:818 mg/kg ENVRAL 28(1),199,82
ipr-mus LD50:300 mg/kg NTIS** AD277-689
orl-dog LDLo:100 mg/kg RCTEA4 44,513,71
orl-cat LDLo:100 mg/kg RCTEA4 44,513,71
orl-rbt LDLo:100 mg/kg RCTEA4 44,513,71
orl-gpg LDLo:10 mg/kg RCTEA4 44,513,71
ipr-gpg LDLo:20 mg/kg RCTEA4 44,513,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SULFIDE, BIS(2-HYDROXYETHYL) see: KM2975000
SULFIDE, BIS(4-HYDROXYPHENYL) see: SN0800000
SULFIDE, BIS(PHENYLMERCURYLAURYL) see: OX0800000

WQ2450000 SULFIDE, BIS(TRIBENZYLSTANNYL)
UPDT:7901 CAS: 10347-38-3 MW: 816.28 MOLFM: C42-H42-S-Sn2
SYN: SIRNIK TRIBENZYLCINICITY (Czech)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,233,72
eye-rbt 500 mg/24H SEV 28ZPAK -,233,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:314 mg/kg 28ZPAK -,233,72
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WQ2850000 SULFIDE, BIS(TRINITROPHENYL)
UPDT:8408 CAS: 28930-30-5 MW: 456.28 MOLFM: C12-H4-N6-O12-S
SYN: HEXANITRODIPHENYLSULFIDE * HNDS
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1200 mg/kg TNICS* 13,132,73
orl-mus LD50:470 mg/kg TNICS* 13,132,73

WQ2975000 SULFIDE, p-CHLOROBENZYL p-CHLOROPHENYL
UPDT:8307 CAS: 103-17-3 MW: 269.19 MOLFM: C13-H10-Cl2-S
SYN: CHLOORBENZIDE (Dutch) * (4-CHLOOR-BENZYL)-(4-CHLOOR-FENYL)-SULFIDE (Dutch) * CHLORBENSID (German) * CHLORBENSIDE * CHLORBENXIDE * CHLORBENZIDE * (4-CHLOR-BENZYL)-(4-CHLOR-PHENYL)-SULFID (German) * p-CHLOROBENZYL p-CHLOROPHENYL SULFIDE * p-CHLOROBENZYL p-CHLOROPHENYL SULPHIDE * 4-CHLOROBENZYL 4-CHLOROPHENYL SULPHIDE * 1-CHLORO-4-(((4-CHLOROPHENYL)METHYL)THIO)BENZENE * CHLOROCIDE * CHLOROPARACIDE * 4-CHLOROPHENYL 4-CHLOROBENZYL SULFIDE * CHLOROSULFACIDE * CHLORPARACIDE * CHLORSULPHACIDE * (4-CLORO-BENZIL)-(4-CLORO-FENIL)-SOLFURO (Italian) * p,p-DICHLORODIPHENYL SULFIDE * ENT 20,696 * HRS 860 * METOX * MITOX * RD 2195 * SULFURE DE 4-CHLOROBENZYLE ET DE 4-CHLOROPHENYLE (French)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2000 mg/kg WRPCA2 9,119,70
unk-mus LD50:3000 mg/kg 30ZDA9 -,242,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 56,107,75

SULFIDE, 2-CHLOROETHYL 2-HYDROXYETHYL see: KK1750000

WQ3850000 SULFIDE, p-CHLOROPHENYL 2,4,5-TRICHLOROPHENYL
UPDT:8309 CAS: 2227-13-6 MW: 324.04 MOLFM: C12-H6-Cl4-S
SYN: ANIMERT * ANIMERT V-10 * ANIMERT V-101 * ANIMERT V 10K * BENZENE, 1,2,4-TRICHLORO-5-((4-CHLOROPHENYL)THIO)- * p-CHLOROPHENYL 2,4,5-TRICHLOROPHENYL SULFIDE * 4-CHLOROPHENYL 2,4,5-TRICHLOROPHENYL SULFIDE * ENT 27,115 * V 101 * PHILIPS-DUPHAR V-101 * 2,4,4',5-TETRACHLORODIPHENYL SULFIDE * 2,4,5,4'-TETRACHLORODIPHENYL SULFIDE * TETRASUL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T02T23 orl-rat TDLo:18 gm/kg (17W male) TXCYAC 1,63,73
2T12T22 orl-rat TDLo:18 gm/kg (17W pre) TXCYAC 1,63,73
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3960 mg/kg BESAAT 15,129,69
orl-mus LD50:5010 mg/kg GUCHAZ 6,495,73
orl-rbt LDLo:1350 mg/kg TXCYAC 1,63,73
skn-rbt LD50:2000 mg/kg SPEADM 78-1,55,78
orl-gpg LD50:500 mg/kg TXCYAC 1,63,73
skn-gpg LD50:8200 mg/kg 85DPAN -,-,71/76
ipr-gpg LD50:550 mg/kg TXCYAC 1,63,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 56,107,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SULFIDE, DIPHENYL see: SX2275000
SULFIDE, DODECYL PHENYLMERCURI see: OW3335000

WQ5600000 SULFIDE, METHYLVINYLOXYETHYL-
UPDT:8307 CAS: 6607-53-0 MW: 118.21 MOLFM: C5-H10-O-S
SYN: METHYLVINYLOXYETHYL SULFIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3250 mg/kg AIHAAP 30,470,69
ihl-rat LCLo:3200 ppm/8H AIHAAP 30,470,69

SULFIDINE see: DA9625000
SULFIMEL DOS see: WN0525000
1,1'-SULFINYLBIS(1,2-DICHLOROETHANE) see: WS2285000
SULFINYLBIS(METHANE) see: PV6210000
SULFINYL CHLORIDE see: XM5150000
p,p'-SULFINYLDIANILINE see: BY8440000
4,4'-SULFINYLDIANILINE see: BY8440000
SULFISIN see: WO9100000
SULFISOMEZOLE see: WP0700000
SULFISOMIDIN see: WO9275000
SULFISOMIDIN see: WO9270000
SULFISOMIDINE see: WO9275000
SULFISOMIDINE see: WO9270000
SULFISOMIDINE SODIUM see: WO9280000
SULFISONAZOLE see: WO9100000
SULFISOXAZOL see: WO9100000
SULFISOXAZOLE see: WO9100000

WQ6870000 SULFITE, HYDROGEN
UPDT:8402 CAS: 15181-46-1 MW: 81.07 MOLFM: H-O3-S
SYN: BISULFITE * BISULPHITE * HYDROGEN SULFITE * HYDROSULFITE ANION * SULFITE LYE
MUTATION DATA AND REFERENCES:
mmo-esc 1 mol/L ENMUDM 2,239,80
oms-bcs 20 mmol/L CBINA8 5,85,72
otr-ham:emb 1 mmol/L CRNGDP 3,27,82
dni-ham:emb 20 mmol/L CRNGDP 3,27,82

SULFITE LYE see: WQ6870000
SULFIZIN see: WO9100000
SULFIZOL see: WO9100000
SULFIZOLE see: WO9100000
SULFMIDIL see: WO9150000
o-SULFOBENZIMIDE see: DE4200000
o-SULFOBENZOIC ACID IMIDE see: DE4200000
SULFOBENZYLPENICILLIN see: XH9890000
alpha-SULFOBENZYLPENICILLIN DISODIUM see: XH9890000
p-SULFOCARBANILIC ACID, N-METHYL ESTER, S-HYDRAZIDE see: FD9781950 CARBANILIC ACID, p-SULFO, N-METHYL ESTER, S-HYDRAZIDE
SULFOCARBANILIDE see: FE1225000
SULFOCARBOLIC ACID see: DB6950000
SULFOCIDINE see: WO8400000
SULFOCILLIN see: XH9890000
SULFODIAMIN see: AE7175000
SULFODIAMINE see: AE7175000
SULFODIMESIN see: WO9275000
SULFODIMEZINE see: WO9275000
SULFODOR (Czech) see: LC7200000
(2-SULFOETHYL)DITHIOCARBAMIC ACID DIAMMONIUM SALT see: FD1193000
SULFOGAL see: JP1292500
SULFO GREEN J see: BQ4900000
SULFOGUANIDINE see: WO8575000
SULFOGUENIL see: WO8575000
SULFOLAN see: XN0700000
SULFOLANE see: XN0700000
beta-SULFOLENE see: XM9100000
SULFOL-3-ENE see: XM9100000
3-SULFOLENE see: XM9100000
SULFO-MERTHIOLATE see: OW3780000
SULFONA see: BY8925000
SULFONAL see: TX3850000
SULFONAL NP 1 see: WP4103000
SULFONA-MAE see: BY8925000
SULFONAMIDE see: WO8400000
4-SULFONAMIDE-4'-DIMETHYLAMINOAZOBENZENE see: DB2100000
SULFONAMIDE P see: WO8400000
p-SULFONAMIDOBENZOIC ACID see: DH6820000
4-SULFONAMIDO-3'-METHYL-4'-AMINOAZOBENZENE see: DA9800000
2-SULFONAMIDOTHIAZOLE see: WP2360000
SULFONA P see: LZ8100000
SULFO-3-NAPHTHALENEFURANE see: YJ4360700
1-(4-SULFO-1-NAPHTHYLAZO)-2-NAPHTHOL-3,6-DISULFONIC ACID TRISODIUM SALT see: QJ6550000
2-(4-SULFO-1-NAPHTHYLAZO)-1-NAPHTHOL-4-SULFONIC ACID, DISODIUM SALT see: QK1925000
o-SULFONBENZOIC ACID IMIDE SODIUM SALT see: DE4550000
SULFONE, BIS(p-ACETAMIDOPHENYL) see: AE7175000

WR2850000 SULFONE, BIS(2-ACETOXYETHYL)
UPDT:8307 CAS: 3753-72-2 MW: 238.28 MOLFM: C8-H14-O6-S
SYN: BIS(2-ACETOXYETHYL)SULFONE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:14 gm/kg AIHAAP 30,470,69
skn-rbt LD50:11300 mg/kg AIHAAP 30,470,69

WR3850000 SULFONE, BIS(2-DICHLOROARSINO)ETHYL)
UPDT:7901 CAS: 6295-10-9 MW: 411.82 MOLFM: C4-H8-As2-Cl4-O2-S
SYN: IC 63
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:1240 mg/m3/10M NDRC** NDCrc-132,Dec,42
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

WR4025000 SULFONE, BIS(1,2-DICHLOROETHYL)
UPDT:8307 CAS: 19721-74-5 MW: 251.96 MOLFM: C4-H6-Cl4-O2-S

SYN: BIS(1,2-DICHLOROETHYL)SULFONE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:250 mg/kg AIHAAP 30,470,69
skn-rbt LD50:1000 mg/kg AIHAAP 30,470,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WR4920000 SULFONE, BIS(TRICHLOROMETHYL)
UPDT:8406 CAS: 3064-70-8 MW: 300.78 MOLFM: C2-Cl6-O2-S
SYN: BIS(TRICHLOROMETHYL) SULFONE * N-1386 BIOCIDE
TOXICITY DATA AND REFERENCES:
1Y01 orl-rat LD50:691 mg/kg TOXID9 4,16,84
* ivn-mus LD50:18 mg/kg CSLNX* NX#04617
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WR5775000 SULFONE, p-CHLOROPHENYL PHENYL
UPDT:8403 CAS: 80-00-2 MW: 252.72 MOLFM: C12-H9-Cl-O2-S
SYN: 4-CHLORODIPHENYL SULFONE * 4-CHLORODIPHENYL SULPHONE * p-CHLOROPHENYL PHENYL SULPHONE * 1-CHLORO-4-(PHENYLSULFONYL)BENZENE * COMPOUND R-242 * ENT 17,941 * p-MONOCHLOROPHENYL PHENYL SULFONE * R-242 * R-242-B * SULFENONE * SULPHENONE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1400 mg/kg GUCHAZ 5,95,68
ipr-rat LDLo:500 mg/kg JAFCAU 3,836,55
orl-mus LD50:2700 mg/kg JAFCAU 3,836,55
ipr-mus LD50:1000 mg/kg JAFCAU 3,836,55
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WR5850000 SULFONE, p-CHLOROPHENYL 2,4,5-TRICHLOROPHENYL
UPDT:8307 CAS: 116-29-0 MW: 356.04 MOLFM: C12-H6-Cl4-O2-S
SYN: AKARITOX * AREDION * BENZENE, 1,2,4-TRICHLORO-5-((4-CHLOROPHENYL)SULFONYL)- * p-CHLOROPHENYL 2,4,5-TRICHLOROPHENYL SULFONE * 4-CHLOROPHENYL 2,4,5-TRICHLOROPHENYL SULFONE * p-CHLOROPHENYL 2,4,5-TRICHLOROPHENYL SULPHONE * DUPHAR * ENT 23,737 * FMC 5488 * MITION * NIA 5488 * POLACARITOX * ROZTOZOL * SULFONE, 2,4,4',5-TETRACHLORODIPHENYL * TEDION * TEDION V-18 * 2,4,4',5-TETRACHLOOR-DIFENYL-SULFON (Dutch) * 2,4,4',5-TETRACHLOR-DIPHENYL-SULFON (German) * 2,4,4',5-TETRACHLORODIPHENYL SULFONE * 2,4,5,4'-TETRACHLORODIPHENYL SULFONE * 2,4,5,4'-TETRACHLORODIPHENYLSULPHONE * 2,4,4',5-TETRACLORO-DIFENIL-SOLFONE (Italian) * TETRADICHLONE * TETRADIFON * TETRADIPHON * TETRAFIDON * V-18
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T31 scu-mus TDLo:1953 mg/kg (6-14D preg) NTIS** PB223-160
TOXICITY DATA AND REFERENCES:
orl-rat LD50:566 mg/kg WRPCA2 9,119,70
orl-dog LD50:2000 mg/kg SPEADM 78-1,55,78
skn-rbt LD50:10 gm/kg 28ZEAL 5,220,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WR6475000 SULFONE, ETHYL p-FLUOROPHENYL
UPDT:8403 CAS: 2924-67-6 MW: 188.23 MOLFM: C8-H9-F-O2-S
SYN: BRIPADON * CADUCID * ETHYL p-FLUOROPHENYL SULFONE * 1-(ETHYLSULFONYL)-4-FLUOROBENZENE * FLUORESONE * p-FLUOROPHENYL ETHYL SULFONE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:542 mg/kg NEPSBV 3,326,64
ipr-mus LD50:343 mg/kg NEPSBV 3,326,64
ivn-mus LD50:320 mg/kg NEPSBV 3,317,64
ivn-rbt LD50:110 mg/kg NEPSBV 3,317,64

WR6650000 SULFONE, HEXYL VINYL
UPDT:8307 CAS: 21961-08-0 MW: 176.30 MOLFM: C8-H16-O2-S
SYN: n-HEXYL VINYL SULFONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:570 mg/kg AIHAAP 30,470,69
skn-rbt LD50:840 mg/kg AIHAAP 30,470,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SULFONE, 2,4,4',5-TETRACHLORODIPHENYL see: WR5850000
SULFONETHYLMETHANE see: EJ5250000
SULFONE UCB see: BY8925000
SULFONIC ACID, MONOCHLORIDE see: FX5730000
SULFONIMIDE see: GW4900000
SULFONINE ACID BLUE R see: QJ6300000
SULFONINE RED RS see: QJ6478000
SULFONINE YELLOW CSR see: DV3910000

WR7425000 SULFONIUM, 2-ACRYLOXYETHYLDIMETHYL-, METHYL SULFATE
UPDT:8303 CAS: 4836-08-2
SYN: 2-ACRYLOXYETHYL DIMETHYLSULFONIUM METHYL SULFATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1870 mg/kg AIHAAP 23,95,62
1R10 skn-rbt LD50:2000 mg/kg AIHAAP 23,95,62

WR7900200 SULFONIUM, DIETHYLMETHYL-, IODIDE, compd. with MERCURY IODIDE (1:1)
UPDT:8403 CAS: 19481-39-1
SYN: DIETHYLMETHYLSULFONIUM IODIDE MERCURIC IODIDE addtion compound
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#01853
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**

WR7900300 SULFONIUM, DIMETHYLENEBIS((BISETHYLAMINOMETHYLENE)-, DIBROMIDE
UPDT:8405 MW: 452.38 MOLFM: C12-H28-N4-S2 2Br
SYN: DIMETHYLENEBIS((BISETHYLAMINOMETHYLENE)SULFONIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:75 mg/kg JAPMAB 45,423,56

WR7900700 SULFONIUM, DIMETHYL(2-HYDROXYETHYL)-, BROMIDE, alpha-PHENYL-2-CYCLOHEXENE-1-ACETATE (ester)
UPDT:8311 MW: 384.39 MOLFM: C18-H24-O2-S Br
SYN: CDS-216 * DIMETHYL(2-HYDROXYETHYL)SULFONIUM BROMIDE alpha-PHENYL-2-CYCLOHEXENE-1-ACETATE (ester) * DIMETHYLSULFONIUM ETHYL-alpha-PHENYL-alpha-(2,3-CYCLOHEXENYL)ACETIC ACID BROMIDE
TOXICITY DATA AND REFERENCES:
3D16F11J26 ipr-mus LD50:72 mg/kg JPMSAE 53,840,64

WR7900800 SULFONIUM, DIMETHYL(2-HYDROXYETHYL)-, BROMIDE, alpha-PHENYL-3-THIOPHENEPROPIONATE (ester)
UPDT:8311 MW: 401.41 MOLFM: C17-H21-O2-S2 Br
SYN: DIMETHYL(2-HYDROXYETHYL)SULFONIUM BROMIDE alpha-PHENYL-3-THIOPHENEPROPIONATE (ester) * beta-(alpha-PHENYL-alpha-3-THENYLACETOXY) ETHYLDIMETHYLSULFONIUM BROMIDE
TOXICITY DATA AND REFERENCES:
3D16F11J26 ipr-mus LD50:93 mg/kg JPMSAE 53,840,64

WR8043000 SULFONIUM, HEXAMETHYLENEBIS((BISBUTYLAMINOMETHYLENE)-, DIBROMIDE
UPDT:8405 MW: 620.74 MOLFM: C24-H52-N4-S2 2Br
SYN: HEXAMETHYLENEBIS((BISBUTYLAMINOMETHYLENE)SULFONUM BROMIDE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:16 mg/kg JAPMAB 45,423,56

WR8043200 SULFONIUM, HEXAMETHYLENEBIS((BISETHYLAMINOMETHYLENE)-, DIBROMIDE
UPDT:8405 MW: 508.50 MOLFM: C16-H36-N4-S2 2Br
SYN: HEXAMETHYLENEBIS((BISETHYLAMINOMETHYLENE)SULFONIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:25 mg/kg JAPMA8 45,423,56

WR8043400 SULFONIUM, HEXAMETHYLENEBIS((BISISOPROPYLAMINOMETHYLENE)-, DIBROMIDE
UPDT:8405 MW: 564.62 MOLFM: C20-H44-N4-S2 2Br
SYN: HEXAMETHYLENEBIS((BISISOPROPYLAMINOMETHYLENE)SULFONIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:25 mg/kg JAPMA8 45,423,56

WR8043600 SULFONIUM, HEXAMETHYLENEBIS((BISMETHYLAMINOMETHYLENE)-, DIBROMIDE
UPDT:8405 MW: 452.38 MOLFM: C12-H28-N4-S2 2Br
SYN: HEXAMETHYLENEBIS((BISMETHYLAMINOMETHYLENE)SULFONIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:100 mg/kg JAPMA8 45,423,56

WR8045000 SULFONIUM, HEXAMETHYLENEBIS((DIAMINOMETHYLENE)-, DIBROMIDE
UPDT:8405 MW: 396.26 MOLFM: C8-H20-N4-S2 2Br
SYN: HEXAMETHYLENEBIS((DIAMINOMETHYLENE)SULFONIUM BROMIDE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:50 mg/kg JAPMA8 45,423,56

WR8047500 SULFONIUM, HEXAMETHYLENEBIS(DIMETHYL-, DIIODIDE
UPDT:8405 MW: 462.26 MOLFM: C10-H24-S2 2I
SYN: HEXAMETHYLENEBIS(DIMETHYLSULFONIUM) DIIODIDE * IODURO di ESAMETILEN-1,6-BIS-DIMETILSOLFONIO (Italian)
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:175 mg/kg FRPSAX 10,192,55
* ivn-mus LDLo:150 mg/kg JAPMA8 45,423,56

WR8325000 SULFONIUM, PENTAMETHYLENEBIS(DIMETHYL-, DIIODIDE
UPDT:8405 MW: 448.23 MOLFM: C9-H22-S2 2I
SYN: PENTAMETHYLENEBIS(DIMETHYLSULFONIUM IODIDE)
TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:100 mg/kg JAPMA8 45,423,56

WR8330000 SULFONIUM, (3,7-PHENOTHIAZINYLENE)BIS(DIMETHYL-, DISULFATE
UPDT:8303 MW: 515.68 MOLFM: C16-H19-N-S3 2H-O4-S
SYN: CATIONUL FENOTIAZINIC * (3,7-PHENOTHIAZINYLENE)BIS(DIMETHYLSULFONIUM) DISULFATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:20 mg/kg RMNIBN 81,105,77

SULFONMETHANE see: TX3850000
SULFONOL see: WP4100000
SULFONOL NP 6 see: WP4105000
N-SULFONOXY-AAF see: AL0275000
N-SULFONOXY-N-ACETYL-2-AMINOFLUORENE see: AL0275000
p,p'-SULFONYLBISACETANILIDE see: AE7175000
4,4'-SULFONYLBISACETANILIDE see: AE7175000
4',4'''-SULFONYLBIS(ACETANILIDE) see: AE7175000
1,1'-SULFONYLBIS(4-AMINOBENZENE) see: BY8925000
4,4'-SULFONYLBISANILINE see: BY8925000
p,p-SULFONYLBISBENZAMINE see: BY8925000
4,4'-SULFONYLBISBENZAMINE see: BY8925000
p,p-SULFONYLBISBENZENAMINE see: BY8925000
1,1'-(SULFONYLBIS(4,1-PHENYLENEIMINO))BIS(1-DEOXY-1-SULFO-D-GLUCITOL) DISODIUM SALT see: LZ8100000
4,4'-SULFONYLBIS(4-PHENYLENEOXY)DIANILINE see: BY8955000
SULFONYL CHLORIDE see: WT4870000
p,p'-SULFONYLDIANILINE see: BY8925000
4,4'-SULFONYLDIANILINE see: BY8925000
p,p'-SULFONYLDIANILINE-N,N'-DIGALACTOSIDE see: LW5920000
p,p'-SULFONYLDIANILINE-N,N'-DI-D-GLUCOSE SODIUM BISULFITE see: LZ8100000
p,p'-SULFONYLDIANILINE N,N'-DIGLUCOSIDE DISODIUM DISULFONATE see: LZ8100000
4,4'-SULFONYLDIPHENOL POLYMER, SRU see: TR4735000 POLY(OXY-p-PHENYLSULFONYL-p-PHENYLENE)
N,N'-(SULFONYLDI-p-PHENYLENE)BIS-GALACTOSYLAMINE see: LW5920000
N,N'-(SULFONYLDI-4,1-PHENYLENE)BIS(GALACTOSYLAMINE) see: LW5920000
O,O'-(SULFONYLDI-1,4-PHENYLENE) O,O,O',O'-TETRAMETHYL DIPHOSPHOROTHIOATE see: TG2950000
3-(SULFONYL)-O-((METHYLAMINO)CARBONYL)OXIME-2-BUTANONE see: EL9210000
N-(SULFONYL-p-METHYLBENZENE)-N'-n-BUTYLUREA see: YS4550000
1-p-SULFOPHENYLAZO-2-HYDROXYNAPHTHALENE-6-SULFONATE, DISODIUM SALT see: QK2450000
4-p-SULFOPHENYLAZO-1-NAPHTHOL MONOSODIUM SALT see: DB7085000
1-p-SULFOPHENYLAZO-2-NAPHTHOL-6-SULFONIC ACID, DISODIUM SALT see: QK2450000
SULFOPLAN see: WO9030000
SULFOPON WA 1 see: WT1050000
SULFOPON WA 3 see: WT1050000
SULFOQUANIDINE see: WO8575000
SULFORAPHENE see: NX8944000
SULFORON see: WS4250000
SULFORTHOMIDINE see: DA9500000
SULFOSUCCINIC ACID, BIS(2-ETHYLHEXYL)ESTER SODIUM SALT see: WN0525000
SULFOTEP see: XN4375000
SULFOTEPP see: XN4375000
SULFOTEX WA see: WT1050000
SULFOTEX WALA see: WT1050000
SULFOTRIM see: UV8240000
SULFOTRIMIN see: UV8240000
SULFOVINIC ACID see: WT1101700
SULFOX-CIDE see: DA5775000
SULFOXIDE see: DA5775000

WS2285000 SULFOXIDE, BIS(1,2-DICHLOROVINYL)
UPDT:8309 CAS: 23248-53-5 MW: 239.92 MOLFM: C4-H2-Cl4-O-S
SYN: CHEMAGRO 4965 * ENT 27,221 * ETHANE, 1,1'-SULFINYLBIS(1,2-DICHLORO- * 1,1'-SULFINYLBIS(1,2-DICHLOROETHANE)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:75 mg/kg ARSIM* 20,6,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SULFOXIDE, alpha-METHYL-3,4-(METHYLENEDIOXY)PHENETHYL OCTYL see: DA5775000
SULFOXOL see: WO9100000
SULFOXYL see: DA5775000

WS3680000 SULFOXYLIC ACID, MONO(((5-((3-AMINO-4-HYDROXYPHENYL)DIARSENYL)-2-HYDROXYPHENYL)AMINO) METHYL) ESTER, MONOSODIUM SALT
UPDT:8403 CAS: 457-60-3 MW: 466.17 MOLFM: C13-H13-As2-N2-O4-S Na
SYN: ((5-(3-AMINO-4-HYDROXYPHENYL)ARSENO)-2-HYDROXYANILINO)METHANOL SULFOXYLATE SODIUM * ARSEVAN * ARSPHENAMINE METHYLENESULFOXYLIC ACID SODIUM SALT * COLLUNOVAR * COLLUNOVER * 3,3'-DIAMINO-4,4'-DIHYDROXYARSENOBENZENEMETHYLENESULFOXYLATE SODIUM * MIARSENOL * N.A.B. * NEOARSOLUIN * NEOARSPHENAMINE * NEOSALVARSAN * NOVARSAN * NOVARSENOBENZOL * NOVARSENOBILLON * VETARSENOBILLON
TOXICITY DATA AND REFERENCES:
scu-rat LDLo:100 mg/kg BIZEA2 184,360,27

ivn-mus LDLo:250 mg/kg HBAMAK 4,1289,35
ivn-rbt LDLo:250 mg/kg HBAMAK 4,1289,35

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

2-(6-SULFO-2,4-XYLYLAZO)-1-NAPHTHOL-4-SULFONIC ACID, DISODIUM SALT see: QK2705000
SULFOZONA see: WP0400000
SULFRALEM see: JP1292500
SULFRAMIN 85 see: DB6825000
SULFRAMIN ACID 1298 see: DB6600000
SULFRAMIN 40 FLAKES see: DB6825000
SULFRAMIN 90 FLAKES see: DB6825000
SULFRAMIN 40 GRANULAR see: DB6825000
SULFRAMIN 40RA see: DB6825000
SULFRAMIN 1238 SLURRY see: DB6825000
SULFRAMIN 1250 SLURRY see: DB6825000
SULFTECH see: WE2150000
SULFUNE see: WO9150000
SULFUNO see: WO9150000

WS4250000 SULFUR

UPDT:8403 CAS: 7704-34-9 MW: 32.06 MOLFM: S
SYN: BENSULFOID * BRIMSTONE * COLLOKIT * COLLOIDAL-S * COLLOIDAL SULFUR * COLSUL * COROSUL D and S * COSAN * COSAN 80 * CRYSTEX * FLOUR SULPHUR * FLOWERS of SULFUR (DOT) * FLOWERS of SULPHUR * GROUND VOCLE SULPHUR * HEXASUL * KOCIDE * KOLOFOG * KOLOSPRAY * KUMULUS * MAGNETIC 70, 90, and 95 * MICROFLOTOX * PRECIPITATED SULFUR * SOFRIL * SPERLOX-S * SPERSUL * SPERSUL THIOVIT * SUBLIMED SULFUR * SULFIDAL * SULFORON * SULFUR, SOLID * SULFUR, solid (DOT) * SULKOL * SUPER COSAN * SULPHUR * SULPHUR (DOT) * SULPHUR, lump or powder (DOT) * SULPHUR, molten (DOT) * SULSOL * TECHNETIUM Tc 99m SULFUR COLLOID * TESULOID * THIOLUX * THIOVIT * UN 1350 (DOT) * UN 2448 (DOT)

IRRITATION DATA AND REFERENCES:
eye-hmn 8 ppm ANCHAM 21,1411,49

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-C; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SULFUR, mixture with BARIUM SULFIDE see: CR0660000

WS4300000 SULFUR CHLORIDE

UPDT:8308 CAS: 10025-67-9 MW: 135.02 MOLFM: Cl2-S2
SYN: CHLORIDE OF SULFUR (DOT) * DISULFUR DICHLORIDE * SIARKI CHLOREK (Polish) * SULFUR CHLORIDE(DI) (DOT) * SULFUR SUBCHLORIDE * THIOSULFUROUS DICHLORIDE * UN 1828 (DOT)

REVIEW AND REFERENCES:
★ TLV-TWA 1 ppm; STEL 3 ppm DTLVS* 4,378,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 ppm (SCP-S) FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0578-0146

SULFUR CHLORIDE see: WS4500000
SULFUR CHLORIDE (SCl(sub 2)) (8Cl, 9Cl) see: WS4500000
SULFUR CHLORIDE(DI) (DOT) see: WS4300000
SULFUR CHLORIDE FLUORINE see: WS4375000
SULFUR CHLORIDE(MONO) (DOT) see: WS4500000
SULFUR CHLORIDE OXIDE see: XM5150000

WS4375000 SULFUR CHLORIDE PENTAFLUORIDE

UPDT:8403 CAS: 13780-57-9 MW: 162.51 MOLFM: Cl-F5-S
SYN: SULFUR CHLORIDE FLUORINE * SULFUR CHLOROPENTAFLUORIDE * SULPHUR CHLORIDE PENTAFLUORIDE

TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:100 ppm/1H BJIMAG 27,1,70

REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

SULFUR CHLOROPENTAFLUORIDE see: WS4375000

WS4460000 SULFUR-CURED ETHYLENE PROPYLENE RUBBER, gas

UPDT:8303
SYN: GAS from SULFUR-CURED ETHYLENE PROPYLENE RUBBER

MUTATION DATA AND REFERENCES:
mmo-sat 10 uL/plate JTEHD6 8,805,81
mma-sat 10 uL/plate JTEHD6 8,805,81

WS4480000 SULFUR DECAFLUORIDE

UPDT:8201 CAS: 5714-22-7 MW: 254.12 MOLFM: F10-S2
SYN: DISULFUR DECAFLUORIDE * SULFUR PENTAFLUORIDE * TL 70

TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:1780 ppm/1H JOCMA7 4,262,62
ihl-mus LCLo:130 mg/m3/10M NDRC** NDCrc-132,July,42
3H08J15P20 ivn-dog LDLo:1 mg/kg AMIHBC 8,436,53
• ivn-rbt LDLo:5790 ug/kg AMIHBC 8,436,53

REVIEW AND REFERENCES:
★ TLV-TWA 25 ppb; STEL 75 ppb DTLVS* 4,378,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 250 ug/m3 (SCP-R) FEREAC 39,23540,74

WS4500000 SULFUR DICHLORIDE

UPDT:8308 CAS: 10545-99-0 MW: 102.96 MOLFM: Cl2-S
SYN: CHLORIDE OF SULFUR (DOT) * CHLORINE SULFIDE (Cl(sub 2)S) * DICHLOROSULFANE * MONOSULFUR DICHLORIDE * SULFUR CHLORIDE * SULFUR CHLORIDE (SCl(sub 2)) (8Cl, 9Cl) * SULFUR CHLORIDE(MONO) (DOT) * UN 1828 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

SULFUR DIFLUORIDE MONOXIDE see: XM5425000
SULFUR DIFLUORIDE OXIDE see: XM5425000

WS4550000 SULFUR DIOXIDE

UPDT:8411 CAS: 7446-09-5 MW: 64.06 MOLFM: O2-S
SYN: BISULFITE * FERMENICIDE LIQUID * FERMENICIDE POWDER * SIARKI DWUTLENEK (Polish) * SULFUR DIOXIDE (DOT) * SULFUR OXIDE * SULFUROUS ACID ANHYDRIDE * SULFUROUS ANHYDRIDE * SULFUROUS OXIDE * SULPHUR DIOXIDE * SULPHUR DIOXIDE, liquefied (DOT) * UN 1079 (DOT)

IRRITATION DATA AND REFERENCES:
eye-rbt 6 ppm/4H/32D MLD JPCAAC 10,17,60

MUTATION DATA AND REFERENCES:
oms-esc 2 mmol/L CBINA8 43,289,83
mmo-omi 10 mmol/L MUREAV 39,149,77
sln-dmg-orl 200 umol/L MUREAV 39,149,77
mmo-smc 5 umol/L MUREAV 39,149,77
dnd-hmn:lym 5700 ppb MUREAV 39,149,77
dni-hmn:lym 5700 ppb MUREAV 39,149,77
oms-hmn:lym 5700 ppb MUREAV 39,149,77
oms-ctl:oth 2500 umol/L MUREAV 39,149,77
cyt-dom:oth 5 mmol/L MUREAV 39,149,77
cyt-ctl:oth 2500 umol/L MUREAV 39,149,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T14T16T22 ihl-rat TCLo:4 mg/m3/24H (72D pre) HYSAAV 35(4-6),277,70
2T81T91 ihl-rat TCLo:4 mg/m3/24H (72D pre) HYSAAV 35(4-6),277,70
2T14T81 ihl-rat TCLo:4970 ug/m3/12H (12W pre) HYSAAV 36(7-9),178,71
1T34 ihl-mus TCLo:25 ppm/7H (6-15D preg) FCTXAV 18,743,80
1T46 ihl-mus TCLo:25 ppm/7H (6-15D preg) NTIS** CONF-771017
1T46 ihl-rbt TCLo:70 ppm/7H (6-18D preg) NTIS** CONF-771017

TUMORIGENIC DATA AND REFERENCES:
2V03J60 ihl-mus TCLo:500 ppm/5M/30W-I BJCAAI 21,606,67

TOXICITY DATA AND REFERENCES:
1J25 ihl-hmn LCLo:1000 ppm/10M CTOXAO 5,198,72
1J30 ihl-hmn TCLo:3 ppm/5D TXAPA9 22,319,72
1J07 ihl-man TCLo:4 ppm/1M JAPYAA 17,252,62
ihl-rat LCLo:1000 ppm HBAMAK 4,1396,35
2F12F17 ihl-mus LC50:3000 ppm/30M JCTODH 4,236,77
ihl-frg LCLo:1 pph/15M HBAMAK 4,1396,35
ihl-mam LCLo:3000 ppm/5M AEPPAE 138,65,28

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 11,163,75; NTIS** PB-228,002; EVHPAZ 10,35,75; GEIGAI 20(3),299,73; AEHLAU 16,903,68; ENVRAL 16,139,78; NTIS** CONF-691001; AMIHBC 10(6),455,54
★ TLV-TWA 2 ppm; STEL 5 ppm DTLVS* 4,375,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 ppm (SCP-V) FEREAC 39,23540,74
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172.101,82
★ DOT-IMO:POISON A; LABEL:POISON GAS CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO SULFUR DIOXIDE recm std-air:TWA 0.5 ppm NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 160, VOL 5 268#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0181-0378
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SULFUR DIOXIDE (DOT) see: WS4550000
SULFUR DIOXIDE SOLUTION see: WT2775000
SULFUR, solid (DOT) see: WS4250000
SULFURE DE 4-CHLOROBENZYLE ET DE 4-CHLOROPHENYLE (French) see: WQ2975000
SULFURE DE METHYLE (French) see: PV5075000
SULFURETED HYDROGEN see: MX1225000

WS4900000 SULFUR FLUORIDE

UPDT:8404 CAS: 2551-62-4 MW: 146.06 MOLFM: F6-S
SYN: HEXAFLUORURE DE SOUFRE (French) * SULFUR HEXAFLUORIDE * SULFUR HEXAFLUORIDE (DOT) * UN 1080 (DOT)

TOXICITY DATA AND REFERENCES:
• ivn-rbt LD50:5790 mg/kg TOLED5 1000(Sp 1),100,80

REVIEW AND REFERENCES:
★ TLV-TWA 1000 ppm; STEL 1250 ppm DTLVS* 4,376,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1000 ppm (SCP-R) FEREAC 39,23540,74
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 S244#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

WS4920000 SULFUR FLUORIDE OXIDE

UPDT:7901 CAS: 42310-84-9 MW: 270.12 MOLFM: F10-O-S2
SYN: BISPENTAFLUOROSULFUR OXIDE

TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:20 ppm/6H BJIMAG 27,1,70

REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

SULFUR HALF-MUSTARD see: KK1750000
SULFUR HEXAFLUORIDE see: WS4900000
SULFUR HEXAFLUORIDE (DOT) see: WS4900000
SULFUR HYDRIDE see: MX1225000

WS5600000 SULFURIC ACID

UPDT:8408 CAS: 7664-93-9 MW: 98.08 MOLFM: H2-O4-S
SYN: ACIDE SULFURIQUE (French) * ACIDO SOLFORICO (Italian) * BOV * DIPPING ACID * HYDROGEN SULFATE (DOT) * MATTING ACID (DOT) * NORDHAUSEN ACID (DOT) * OIL OF VITRIOL * OIL OF VITRIOL (DOT) * SPENT SULFURIC ACID (DOT) * SULFURIC ACID (DOT) * SULFURIC ACID, spent (DOT) * SULPHURIC ACID * SCHWEFELSAEURELOESUNGEN (German) * UN 1830 (DOT) * UN 1832 (DOT) * VITRIOL BROWN OIL * VITRIOL, OIL OF (DOT) * ZWAVELZUUROPLOSSINGEN (Dutch)

IRRITATION DATA AND REFERENCES:
eye-rbt 1380 ug SEV AJOPAA 29,1363,46

TOXICITY DATA AND REFERENCES:
ihl-hmn TCLo:3 mg/m3/24W BJIMAG 18,63,61
unk-man LDLo:135 mg/kg 85DCAI 2,73,70
orl-rat LD50:2140 mg/kg AIHAAP 30,470,69
• ihl-rat LC50:510 mg/m3/2H 85GMAT -,107,82
• ihl-mus LC50:320 mg/m3/2H 85GMAT -,107,82
ihl-gpg LC50:18 mg/m3 MELAAD 45,590,54

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 10,35,75; ARTODN 39,299,78
★ TLV-TWA 1 mg/m3 DTLVS* 4,377,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg/m3 (SCP-L) FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO SULFURIC ACID recm std-air:TWA 1 mg/m3 NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7903
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WS5605000 SULFURIC ACID, fuming

UPDT:8312 CAS: 8014-95-7 MW: 178.14 MOLFM: H2-O4-S.O3-S
SYN: DISULPHURIC ACID * DITHIONIC ACID * FUMING SULFURIC ACID * FUMING SULFURIC ACID (DOT) * NA 1831 (DOT) * OLEUM * OLEUM (DOT) * PYROSULPHURIC ACID * UN 1831 (DOT)

TOXICITY DATA AND REFERENCES:
ihl-rat LC50:347 ppm/1H TXAPA9 42,417,77

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ANAEA3 35,165,75
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172,101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO SULFURIC ACID recm std-air:TWA 1 mg/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WS5609000 SULFURIC ACID, more than 51% acid
UPDT:8403
SYN: SULPHURIC ACID, with more than 51% acid (DOT) * UN 1830 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172,102,83

WS5610000 SULFURIC ACID, not more than 51% acid
UPDT:8403
SYN: SULPHURIC ACID, with not more than 51% acid (DOT) * UN 2796
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172,102,83

WS5690000 SULFURIC ACID, ALUMINUM POTASSIUM SALT (2:1:1), DODECAHYDRATE
UPDT:8403 CAS: 7784-24-9 MW: 474.39 MOLFM: O8-S2.Al.K.12H2-O
SYN: ALUM * ALUMINUM POTASSIUM SULFATE, DODECAHYDRATE * KALINITE * POTASSIUM ALUM * POTASSIUM ALUM DODECAHYDRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:1120 mg/kg (7-14D preg) OYYAA2 24,65,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SULFURIC ACID, ALUMINUM SALT (3:2) see: BD1700000

WS5750000 SULFURIC ACID, 2-AMINO-1-NAPHTHYL ESTER
UPDT:8401 MW: 239.26 MOLFM: C10-H9-N-O4-S
SYN: 2-AMINO-1-NAPHTHYL HYDROGEN SULFATE * 2-AMINO-1-NAPHTHYL HYDROGEN SULPHATE
TUMORIGENIC DATA AND REFERENCES:
2V02M60 imp-mus TDLo:50 mg/kg BJCAAI 12,222,58
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WS5850000 SULFURIC ACID, AMMONIUM IRON(2+) SALT(2:2:1)
CAS: 10045-89-3 MW: 286.09 MOLFM: Fe.2H3-N.2H2-O4-S
SYN: AMMONIUM FERROUS SULFATE * AMMONIUM IRON SULFATE * AMMONIUM IRON SULFATE (2:2:1) * FERROUS AMMONIUM SULFATE * FERROUS DIAMMONIUM DISULFATE * MOHR'S SALT * NA 9122 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD-ORM-E; LABEL:NONE CFRGBR 49,172,101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WS5900000 SULFURIC ACID, AMMONIUM IRON(3+) SALT (2:1:1), DODECAHYDRATE
UPDT:8409 CAS: 7783-83-7 MW: 418.20 MOLFM: O8-S2.Fe.H4-N.12H2-O
SYN: IRON AMMONIUM SULFATE
MUTATION DATA AND REFERENCES:
cyt-rat/ast 600 mg/kg GANNA2 54,155,63

WS6050000 SULFURIC ACID, AMMONIUM NICKEL(2+) SALT (2:2:1)
CAS: 15699-18-0 MW: 144.46 MOLFM: H3-N.H2-O4-S.1/2Ni
SYN: AMMONIUM DISULFATONICKELATE(II) * AMMONIUM NICKEL SULFATE * NA 9138 (DOT) * NICKEL AMMONIUM SULFATE * NICKEL AMMONIUM SULFATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD-ORM-E; LABEL:NONE CFRGBR 49,172,101,82
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
SULFURIC ACID, ANTIMONY SALT see: CC8225000
SULFURIC ACID, BARIUM SALT (1:1) see: CR0600000

WS6180000 SULFURIC ACID, BENZIDIN-3-YL ESTER
UPDT:8401 MW: 280.32 MOLFM: C12-H12-N2-O4-S
SYN: BENZIDIN-3-YL HYDROGEN SULFATE * BENZIDIN-3-YL HYDROGEN SULPHATE * 4,4'-DIAMINO-3-DIPHENYLYL HYDROGEN SULFATE * 4,4'-DIAMINO-3-DIPHENYLYL HYDROGEN SULPHATE
TUMORIGENIC DATA AND REFERENCES:
2V03M60 imp-mus TDLo:80 mg/kg BJCAAI 17,127,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SULFURIC ACID, BERYLLIUM SALT (1:1) see: DS4800000
SULFURIC ACID, BERYLLIUM SALT (1:1), TETRAHYDRATE see: DS5000000
SULFURIC ACID, BIS(METHYLMERCURY) SALT see: OX0700000
SULFURIC ACID, CADMIUM(2+) SALT see: EV2700000
SULFURIC ACID, CADMIUM SALT, HYDRATE see: EV2850000
SULFURIC ACID, CADMIUM SALT, TETRAHYDRATE see: EV2900000
SULFURIC ACID, CALCIUM(2+) SALT, DIHYDRATE see: EW4150000
SULFURIC AICD, CHROMIUM(3+) POTASSIUM SALT (2:1:1) see: GB6845000
SULFURIC ACID, CHROMIUM(3+)POTASSIUM SALT(2:1:1), DODECAHYDRATE see: GB6850000

WS6985000 SULFURIC ACID, CHROMIUM SALT
UPDT:8312 CAS: 14489-25-9 MW: 724.42 MOLFM: Cr.xO4-S
SYN: CHROMSULFAT (German) * CHROMIUM SULFATE * CHROMOSULPHURIC ACID (DOT) * UN 2240 (DOT)
TOXICITY DATA AND REFERENCES:
scu-gpg LDLo:600 mg/kg HBAMAK 4,1289,35
REVIEW AND REFERENCES:
★ TLV-TWA 500 ug(Cr)/m3 DTLVS* 4,98,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(Cr)/m3 FEREAC 39,23540,74
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172,102,83
SULFURIC ACID, CHROMIUM(3+) SALT (3:2) see: GB7200000
SULFURIC ACID, CHROMIUM SALT, BASIC see: QO6800000

WS7070000 SULFURIC ACID, CHROMIUM(3+) SALT, HYDRATE
UPDT:8408 MW: 518.32 MOLFM: O12-S3.Cr2.xH2-O
SYN: CHROMITAN MS * CHROMIUM(III) SULFATE (2:3), HYDRATE
MUTATION DATA AND REFERENCES:
mmo-sat 4 mg/plate BECTA6 32,400,84
mmo-sat 4 mg/plate MUREAV 113,237,83
cyt-ham:ovr 10 mg/L CRNGDP 3,1331,82

WS7072000 SULFURIC ACID, CHROMIUM(3+) SALT, HYDRATE, (3:2:18)
UPDT:8406 MOLFM: O12-S3.Cr2.18H2-O
SYN: CHROMIUM SULFATE HYDRATE (2:3:18) * SOLFATO di CROMO 18IDRATO (Italian)
TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:574 mg/kg AIPTAK 62,330,39
* ivn-rbt LDLo:430 mg/kg AIPTAK 62,330,39
* ivn-frg LDLo:874 mg/kg AIPTAK 62,330,39

WS7080000 SULFURIC ACID, CHROMIUM(3+) SALT (3:2), PENTADECAHYDRATE
UPDT:8406 MW: 518.32 MOLFM: O12-S3.Cr2.15H2-O
SYN: CHROMIUM SULFATE, PENTADECAHYDRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:258 mg/kg CRNGDP 4,1535,83
SULFURIC ACID, COBALT(2+) SALT (1:1) see: GG3100000
SULFURIC ACID, COBALT(2+) SALT (1:1), HEPTAHYDRATE (8CI,9CI) see: GG3200000
SULFURIC ACID, COPPER(2+) SALT (1:1) see: GL8800000

WS7130000 SULFURIC ACID, COPPER(2+) SALT, AMMONIATED
UPDT:8403
SYN: CUPRIC SULFATE, AMMONIATED (DOT) * NA 9110 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172,101,82
SULFURIC ACID, COPPER(2+) SALT, PENTAHYDRATE see: GL8900000
SULFURIC ACID COPPER(2+) SALT (1:1), PENTAHYDRATE (8CI,9CI) see: GL8900000
SULFURIC ACID, CYCLIC ETHYLENE ESTER see: JH4800000

WS7625000 SULFURIC ACID, DECYL ESTER, SODIUM SALT
UPDT:8405 CAS: 142-87-0 MW: 260.36 MOLFM: C10-H21-O4-S.Na
SYN: SODIUM DECYL SULFATE * SULFURIC ACID, MONODECYL ESTER, SODIUM SALT
TOXICITY DATA AND REFEPENCES:
3F07K05K12 orl-rat LD50:1950 mg/kg JAPMA8 42,283,53
3F07F17H05 ipr-mus LD50:284 mg/kg JAPMA8 42,283,53
* ivn-mus LD50:56 mg/kg CSLNX* NX#00153
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
SULFURIC ACID, DIAMMONIUM SALT see: BS4500000

WS7700000 SULFURIC ACID, DIBUTYL ESTER
UPDT:8401 CAS: 625-22-9 MW: 210.32 MOLFM: C8-H18-O4-S
SYN: DI-n-BUTYLSULFAT (German) * DIBUTYLSULFATE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:12 gm/kg/24W-I ZEKBAI 74,241,70
2V03V10 scu-rat TDLo:9500 mg/kg/17W-I ZEKBAI 74,241,70
TOXICITY DATA AND REFERENCES:
scu-rat LD50:5000 mg/kg ZEKBAI 74,241,70
ocl-rbt LDLo:192 mg/kg AEXPBL 47,113,02
STATUS:
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1077-0006
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WS7875000 SULFURIC ACID, DIETHYL ESTER
UPDT:8408 CAS: 64-67-5 MW: 154.20 MOLFM: C4-H10-O4-S
SYN: DIAETHYLSULFAT (German) * DIETHYL SULFATE * DIETHYL SULPHATE * DIETHYL SULPHATE (DOT) * DS * ETHYL SULFATE * UN 1594 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV JIHTAB 31,60,49
skn-rbt 500 mg open MLD UCDS** 12/30/71
eye-rbt 2 mg open SEV JIHTAB 31,60,49
MUTATION DATA AND REFERENCES:
mmo-sat 1 uL/plate MUREAV 130,79,84
mmo-sat 5 mg/plate MUREAV 57,141,78
mmo-esc 10 mmol/L JOBAAY 79,464,60
dnd-esc 5 umol/L MUREAV 89,95,81
pic-esc 65 mmol/L/20M PRLBA4 150,497,59
mmo-bcs 5 mmol/L EXPEAM 39,530,83
mmo-srm 2 gm/L ATXKA8 28,93,71
mmo-omi 3500 mg/L PHABDI 18,165,78
dnd-omi 9 gm/L CRNGDP 2,363,81
sln-dmg-orl 23 mmol/L NATUAS 207,164,65
sln-dmg-mul 5000 ppm MUREAV 110,49,83
trn-dmg-orl 22700 ppm/21CM MUREAV 45,355,77
mmo-nsc 5000 ppm/40M GENTAE 63,281,69
mmo-smc 5000 ppm/15M GENTAE 78,1101,74
mrc-smc 20 mmol/L ZEVBA5 98,230,66
mmo-asn 50 mmol/L GENTAE 63,317,69
mmo-ssp 15300 umol/L CBINA8 14,195,76
slt-slw-par 100 umol/kg NISZAQ 46,205,77
dlt-slw-par 100 umol/kg NISZAQ 46,205,77
dnd-hmn:hla 20 mg BICHAW 14,1795,75
dni-hmn:hla 600 umol/L MUREAV 92,427,82
dns-rat:lvr 100 umol/L ENMUDM 3,11,81
slt-mus-ipr 100 mg/kg/10W MUREAV 75,63,80
dnd-mus:ast 5 umol/L MUREAV 89,95,81
dni-mus-ipr 200 mg/kg MUREAV 46,305,77
cyt-mus-ipr 150 mg/kg MUREAV 75,63,80
dlt-mus-ipr 100 mg/kg/10W-I GNKAA5 12(3),163,76
dlt-mus-par 150 mg/kg 28QFAD -,97,73
dlt-mus-unk 150 mg/kg SOGEBZ 10,1004,74
hma-mus/sat 2500 umol/kg CBINA8 19,241,77
dnd-ham:ovr 2500 umol/L MUREAV 92,361,82
msc-ham:ovr 1 mmol/L MUREAV 57,217,78
msc-ham:lng 1 mg/L/1H CRNGDP 1,175,80
dnd-mam:lym 100 mmol/L BIJOAK 80,496,61
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 ivn-rat TCLo:340 mg/kg (15D preg) IARCCD 4,45,73
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:3700 mg/kg/81W-I ZEKBAI 74,241,70
2V03V10 scu-rat TDLo:800 mg/kg/32W-I ZEKBAI 74,241,70
3V01T65A60 ivn-rat TDLo:85 mg/kg (15D preg) IARCCD 4,45,73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:880 mg/kg JIHTAB 31,60,49
ihl-rat LCLo:250 ppm/4H JIHTAB 31,343,49
scu-rat LD50:350 mg/kg ZEKBAI 74,241,70
orl-mus LD50:647 mg/kg NTIS** PB214-270
skn-rbt LD50:600 mg/kg UCDS** 12/30/71
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 4,277,74
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172,102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1077-0006
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WS8050000 SULFURIC ACID, DIISOPROPYL ESTER
UPDT:8401 CAS: 2973-10-6 MW: 182.26 MOLFM: C6-H14-O4-S
SYN: DIPS * DI-ISOPROPYLSULFAT (German) * DI-ISOPROPYLSULFATE * ISOPROPYL SULFATE
TUMORIGENIC DATA AND REFERENCES:
3V03A60V10 scu-rat TDLo:300 mg/kg ZKKOBW 79,135,73
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1090 mg/kg AIHAAP 30,470,69
skn-rbt LD50:1410 mg/kg AIHAAP 30,470,69
STATUS:
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1077-0006
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
SULFURIC ACID, DILITHIUM SALT see: OJ6419000

WS8225000 SULFURIC ACID, DIMETHYL ESTER
UPDT:8412 CAS: 77-78-1 MW: 126.14 MOLFM: C2-H6-O4-S
SYN: DIMETHYLESTER KYSELINY SIROVE (Czech) * DIMETHYL MONOSULFATE * DIMETHYLSULFAAT (Dutch) * DIMETHYLSULFAT (Czech) * DIMETHYL SULFATE * DIMETHYL SULFATE (DOT) * DIMETHYL SULPHATE * DIMETILSOLFATO (Italian) * DMS * DMS(METHYL SULFATE) * DWUMETYLOWY SIARCZAN (Polish) * METHYLE (SULFATE DE) (French) * METHYL SULFATE * METHYL SULFATE (DOT) * RCRA WASTE NUMBER U103 * SULFATE DE METHYLE (French) * SULFATE DIMETHYLIQUE (French) * UN 1595 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 4,119,51

eye-rbt 100 mg/45 ms SEV FCTOD7 20,573,82
eye-rbt 50 ug/24H SEV 28ZPAK -,177,72

MUTATION DATA AND REFERENCES:

mmo-sat 10 umol/plate CBINA8 19,241,77
mmo-sat 4300 nmol/L/1H PNASA6 75,4465,78
mmo-esc 20 umol/L ARTODN 46,277,80
dnd-esc 5 umol/L MUREAV 89,95,81
pic-esc 65 mmol/L PRLBA4 150,497,59
oms-bcs 200 uL MUREAV 5,1,68
dnd-bcs 130 mmol/L MUREAV 9,141,70
mmo-omi 1000 ppm/13M GENTAE 67,189,71
mmo-omi 250 ppm SOGEBZ 8,412,72
dnr-omi 640 ug/plate BIZNAT 95,463,76
dnd-omi 100 mmol/L CBINA8 14,101,76
dnd-omi 200 mg/L CBINA8 13,151,76
oms-omi 100 mmol/L CBINA8 14,101,76
sln-dmg-orl 3800 umol/L NATUAS 203,1404,64
mmo-nsc 1000 ppm/13M GENTAE 67,189,71
mmo-smc 500 ppm/12M GENTAE 78,1101,74
mrc-smc 1900 umol/L SOGEBZ 17,915,81
mmo-ssp 590 umol/L CBINA8 14,195,76
dnd-hmn:hla 5 umol/L MUREAV 89,95,81
dnd-hmn:lym 1 mmol/L JACTDZ 1(3),125,82
dnd-hmn:fbr 100 umol/L CRNGDP 4,559,83
dns-hmn:fbr 50 umol/L CRNGDP 4,559,83
dns-hmn:hla 400 umol/L MUREAV 139,155,84
dni-hmn:hla 2 mmol/L MUREAV 92,427,82
dni-hmn:fbr 75 umol/L CRNGDP 4,559,83
sce-hmn:fbr 1 umol/L MUREAV 75,63,80
dnd-rat-ivn 80 mg/kg MUREAV 75,63,80
dnd-rat:lvr 4 mmol/L TCMUD8 1,97,80
dns-rat:lvr 100 umol/L ENMUDM 3,11,81
cyt-rat-ipr 350 mg/kg NASLDX 3,187,80
dnd-mus-ihl 20 ug/kg PCBPBS 6,101,76
dnd-mus:ast 5 umol/L MUREAV 89,95,81
dni-mus-orl 20 gm/kg ARGEAR 51,605,81
dni-mus-ipr 100 mg/kg MUREAV 46,305,77
hma-mus/sat 2500 umol/kg CBINA8 19,241,77
hma-mus/oth 10 mmol/L BIZNAT 88,49,70
dnd-ham:lng 800 umol/L/1H-C CRNGDP 1,795,80
dns-ham:lng 40 mg/L CBINA8 15,117,76
cyt-ham:lng 30 umol/L CRNGDP 3,385,82
sce-ham:lng 10 umol/L CRNGDP 3,385,82
msc-ham:ovr 20 umol/L MUREAV 57,217,78
msc-ham:lng 1 mg/L/1H CRNGDP 1,175,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35 ivn-rat TDLo:100 mg/kg (15D preg) IARCCD 4,45,73

TUMORIGENIC DATA AND REFERENCES:

3V03D09P62 ihl-rat TCLo:17 mg/m3/19W-I ZEKBAI 74,241,70
2V03V10 scu-rat TDLo:50 mg/kg ZEKBAI 74,241,70
3V01T65A60 ivn-rat TDLo:20 mg/kg (15D preg) IARCCD 4,45,73

TOXICITY DATA AND REFERENCES:

ihl-hmn LCLo:97 ppm/10M 34ZIAG 226,69
orl-rat LD50:205 mg/kg GTPZAB 23(3),28,79
3J22J24P01 ihl-rat LC50:45 mg/m3/4H GTPZAB 24(11),55,80
scu-rat LD50:100 mg/kg ZEKBAI 74,241,70
orl-mus LD50:140 mg/kg GTPZAB 23(3),28,79
ihl-mus LCLo:75 ppm/17M MELAAD 48,634,57
ihl-mus LC50:280 ug/kg GTPZAB 23(3),28,79
orl-rbt LDLo:45 mg/kg AEXPBL 47,113,02
scu-rbt LDLo:53 mg/kg AEXPBL 47,113,02
ivn-rbt LDLo:50 mg/kg AEXPBL 47,113,02
ihl-gpg LCLo:75 ppm/24M MELAAD 48,634,57

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: 85CVA2 5,63,70
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 4,271,74
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 4,271,74
★ TLV-CL 100 ppb (skin) DTLVS* 4,150,80
★ TLV-SUSPECTED CARCINOGEN DTLVS* 4,150,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 1 ppm (skin) (SCP-W) FEREAC 39,23540,74
★ DOT-HAZARD-CORROSIVE MATERIAL; LABEL-CORROSIVE CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 301#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0482-0442,8EHQ-1077-0006
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SULFURIC ACID, DISODIUM SALT see: WE1650000

WS8492000 SULFURIC ACID, DISODIUM SALT, DECAHYDRATE

UPDT:8307 CAS: 7727-73-3 MW: 322.20 MOLFM: O4-S.2Na.10H2-O
SYN: DISODIUM SULFATE DECAHYDRATE * GLAUBER'S SALT * SODIUM SULFATE DECAHYDRATE

TOXICITY DATA AND REFERENCES:

* ivn-rbt LDLo:4470 mg/kg 85ESA3 9,1121,76

SULFURIC ACID, DITHALLIUM(1+) SALT (8CI,9CI) see: XG6800000
SULFURIC ACID, DODECYL ESTER, TRIETHANOLAMINE SALT see: WT1000000
SULFURIC ACID (DOT) see: WS5600000
SULFURIC ACID, spent (DOT) see: WS5600000
SULFURIC ACID IRON SALT (1:1) see: NO8500000
SULFURIC ACID, IRON(2+) SALT (1:1) see: NO8500000
SULFURIC ACID, IRON(3+) SALT (3:2) see: NO8505000
SULFURIC ACID, LEAD(2+) SALT (1:1) see: OG4375000
SULFURIC ACID, LITHIUM SALT (1:2) see: OJ6419000
SULFURIC ACID, MANGANESE (II) SALT (1:1) (8CI) see: OP1050000
SULFURIC ACID, MANGANESE(2+) SALT (1:1), TETRAHYDRATE see: OP1200000
SULFURIC ACID, MERCURY(2+) SALT (1:1) see: OX0500000
SULFURIC ACID, MONOANHYDRIDE with NITROUS ACID (9CI) see: QZ7886700
SULFURIC ACID, MONODECYL ESTER, SODIUM SALT see: WS7625000

WT1000000 SULFURIC ACID, MONODODECYL ESTER, compd. with 2,2',2''-NITRILOTRIETHANOL (1:1)

UPDT:8402 CAS: 139-96-8 MW: 415.66 MOLFM: C12-H26-O4-S.C6-H15-N-O3
SYN: AKYPOSAL TLS * CYCLORYL TAWF * CYCLORYL WAT * DRENE * ELFAN 4240 T * EMAL T * EMERSAL 6434 * MAPROFIX TLS * MAPROFIX TLS 65 * MAPROFIX TLS 500 * MELANOL LP20T * PROPASTE T * REWOPOL TLS 40 * RICHONOL T * SIPON LT * SIPON LT-6 * SIPON LT-40 * STANDAPOL TLS 40 * STEINAPOL TLS 40 * STEPANOL WAT * STERLING WAT * SULFURIC ACID DODECYL ESTER TRIETHANOLAMINE SALT * SULFURIC ACID, MONODODECYL ESTER compd with 2,2',2''-NITRILOTRIS(ETHANOL) * TEA LAURYL SULFATE * TEXAPON T-35 * TEXAPON T-42 * TEXAPON TH * TRIETHANOLAMINE DODECYL SULFATE * TRIETHANOLAMINE LAURYL SULFATE * TYLOROL LT 50

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H DCTODJ 1,305,78
eye-rbt 46 mg TXAPA9 19,276,71
eye-rbt 2 mg DCTODJ 1,305,78

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SULFURIC ACID, MONODODECYL ESTER, compd. with 2,2',2''-NITRILOTRIS(ETHANOL) see: WT1000000

WT1050000 SULFURIC ACID, MONODODECYL ESTER, SODIUM SALT

UPDT:8412 CAS: 151-21-3 MW: 289.43 MOLFM: C12-H26-O4-S.Na
SYN: AQUAREX METHYL * AVIROL 118 CONC * CARSONOL SLS * CARSONOL SLS PASTE B * CARSONOL SLS SPECIAL * CONCO SULFATE WA * CONCO SULFATE WA-1200 * CONCO SULFATE WA-1245 * CONCO SULFATE WAG * CONCO SULFATE WAN * CONCO SULFATE WAS * CONCO SULFATE WN * CYCLORYL 21 * CYCLORYL 31 * CYCLORYL 580 * CYCLORYL 585N * DETERGENT 66 * DODECYL ALCOHOL, HYDROGEN SULFATE, SODIUM SALT * DODECYL SODIUM SULFATE * DODECYL SULFATE, SODIUM SALT * DREFT * DUPONAL * DUPONAL WAQE * DUPONOL * DUPONOL C * DUPONOL ME * DUPONOL METHYL * DUPONOL QX * DUPONOL WA * DUPONOL WAQ * DUPONOL WAQA * DUPONOL WAQE * DUPONOL WAQM * EMERSAL 6400 * EMULSIFIER NO. 104 * HEXAMOL SLS * IRIUM * LANETTE WAX-S * LAURYL SODIUM SULFATE * LAURYL SULFATE, SODIUM SALT * MAPROFIX NEU * MAPROFIX WAC-LA * MAPROFIX 563 * NCI-C50191 * NEUTRAZYME * ORVUS WA PASTE * PRODUCT NO 75 * PRODUCT NO. 161 * QUOLAC EX-UB * REWOPOL NLS 30 * RICHONOL A * RICHONOL AF * RICHONOL C * SIPEX OP * SIPEX SB * SIPEX SD * SIPON LS * SIPON LSB * SIPON PD * SIPON WD * SLS * SODIUM DODECYLSULFATE * SODIUM LAURYLSULFATE * SOLSOL NEEDLES * STANDAPOL WA-AC * STANDAPOL WAQ SPECIAL * STANDAPOL WAS 100 * STANDAPOL 112 CONC * STEPANOL ME DRY * STEPANOL METHYL * STEPANOL METHYL DRY AW * STEPANOL WA * STEPANOL WA-100 * STEPANOL WAC * STEPANOL WAQ * STERLING WA PASTE * STERLING WAQ-CH * STERLING WAQ-COSMETIC * SULFOPON WA 1 * SULFOPON WA 3 * SULFOTEX WA * SULFOTEX WALA * TARAPON K 12 * TEXAPON K12 * TEXAPON K-1296 * TEXAPON V HC * TEXAPON ZHC * TREPENOL WA * SODIUM MONODODECYL SULFATE * ULTRA SULFATE SL-1

IRRITATION DATA AND REFERENCES:

skn-hmn 250 mg/24H MLD TXAPA9 31,481,75
skn-hmn 25 mg/24H MLD JSCCA5 23,371,72
skn-mus 25 mg/24H MOD JSCCA5 23,371,72
skn-dog 25 mg/24H MLD JSCCA5 23,371,72
skn-rbt 50 mg/24H SEV BIOFX* 23-3/71
skn-rbt 25 mg/24H MOD JSCCA5 23,371,72
skn-rbt 250 mg/24H MOD TXAPA9 31,481,75
skn-rbt 10 mg/24H DCTODJ 1,305,78
skn-rbt 50 mg/24H MLD TXAPA9 21,369,72
eye-rbt 250 ug MLD AROPAW 34,99,45
eye-rbt 2 mg DCTODJ 1,305,78
skn-pig 25 mg/24H MLD JSCCA5 23,371,72
skn-gpg 25 mg/24H MLD JSCCA5 23,371,72

MUTATION DATA AND REFERENCES:

mmo-omi 200 mg/L JDREAF 55,266,76
mmo-smc 3500 umol/L JOBAAY 115,461,73
dni-gpg:kdy 60 umol/L FCTXAV 14,431,76

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1288 mg/kg FCTXAV 5,763,67
ipr-rat LD50:210 mg/kg PSTGAW 3,1,45
* ivn-rat LD50:118 mg/kg JPMSAE 52,803,63
3F07F17H05 ipr-mus LD50:250 mg/kg JAPMA8 42,283,53
* ivn-mus LD50:118 mg/kg JPMSAE 52,803,63

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ARTODN 32,245,74

STATUS:

NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

SULFURIC ACID, MONO(2-(2-(2-(DODECYLOXY)ETHOXY)ETHOXY)ETHYL) ESTER, SODIUM SALT see: KK7875000

WT1101700 SULFURIC ACID, MONOETHYL ESTER

UPDT:8401 CAS: 540-82-9 MW: 126.14 MOLFM: C2-H6-O4-S
SYN: ETHYL HYDROGEN SULFATE * ETHYL SULFATE * ETHYLSULFURIC ACID * ETHYLSULPHURIC ACID (DOT) * MONOETHYL SULFATE * SULFETHYLIC ACID * SULFOVINIC ACID * UN 2571 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SULFURIC ACID, MONO(2-ETHYLHEXYL)ESTER, SODIUM SALT (8CI) see: MP0700000
SULFURIC ACID, MONOPOTASSIUM SALT see: TS7200000
SULFURIC ACID, MONOSODIUM SALT see: VZ1860000
SULFURIC ACID, MONOTETRADECYL ESTER, SODIUM SALT see: XB8660000
SULFURIC ACID, MYRISTYL ESTER, SODIUM SALT see: XB8660000
SULFURIC ACID, NICKEL(2+) SALT, HEXAHYDRATE see: QR9600000

WT1170000 SULFURIC ACID, MONOOCTADECYL ESTER, SODIUM SALT

UPDT:8405 CAS: 1120-04-3 MW: 372.60 MOLFM: C18-H37-O4-S.Na
SYN: OCTADECYL SODIUM SULFATE * SODIUM MONOOCTADECYL SULFATE * SODIUM MONOSTEARYL SULFATE * SODIUM OCTADECYL SULFATE * SODIUM STEARYL SULFATE

TOXICITY DATA AND REFERENCES:

3F07F17H05 ipr-mus LD50:477 mg/kg JAPMA8 42,283,53

WT1175000 SULFURIC ACID, MONOOCTYL ESTER, SODIUM SALT

UPDT:8405 CAS: 142-31-4 MW: 232.30 MOLFM: C8-H17-O4-S.Na
SYN: CYCLORYL OS * DUPONOL 80 * OCTYL SODIUM SULFATE * SIPEX OLS * SODIUM CAPRYL SULFATE * SODIUM OCTYL SULFATE * SODIUM OCTYL SULPHATE * SOS

TOXICITY DATA AND REFERENCES:

3F07K05K12 orl-rat LD50:3200 mg/kg JAPMA8 42,283,53
3F07F17H05 ipr-mus LD50:396 mg/kg JAPMA8 42,283,53

SULFURIC ACID, POLYESTER with D-GLUCOSE see: LZ7350500 D-GLUCOSE, POLYESTER with SULFURICACID
SULFURIC ACID, THALLIUM SALT see: XG6600000
SULFURIC ACID, THALLIUM(1+) SALT (1:2) see: XG6800000
SULFURIC ACID, THALLIUM(2+) SALT see: XG6900000
SULFURIC ACID, ZINC SALT (1:1) see: ZH5260000
SULFURIC ACID, ZINC SALT (1:1), HEPTAHYDRATE see: ZH5300000
SULFURIC ACID, ZIRCONIUM(4+) SALT (2:1) see: ZH9100000
SULFURIC ANHYDRIDE see: WT4830000
SULFURIC ANHYDRIDE (DOT) see: WT4830000
SULFURIC CHLOROHYDRIN see: FX5730000
SULFURIC OXIDE see: WT4830000
SULFURIC OXYCHLORIDE see: WT4870000
SULFURIC OXYFLUORIDE see: WT5075000
SULFUR MUSTARD see: WQ0900000
SULFUR MUSTARD GAS see: WQ0900000
SULFURMYCIN B see: QI9279000
SULFUR and 5-NITROBENZENE-1,3-DICARBOXYLIC ACID BIS(1-METHYLETHYL) ESTER see: NT2545000
SULFUR and NITROTHAL-ISOPROPYL see: NT2545000

WT2775000 SULFUROUS ACID

UPDT:8312 CAS: 7782-99-2 MW: 82.08 MOLFM: H2-O3-S
SYN: SCHWEFLIGE SAURE (German) * SULFUR DIOXIDE SOLUTION * SULFUROUS ACID (DOT) * SULPHUROUS ACID (DOT) * UN 1833 (DOT)

TOXICITY DATA AND REFERENCES:

3K12K13K30 orl-hmn TDLo:500 ug/kg AEXPBL 54,421,06

STANDARDS & REGULATIONS:

★ DOT-HAZARD-CORROSIVE MATERIAL; LABEL-CORROSIVE CFRGBR 49,172.101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SULFUROUS ACID ANHYDRIDE see: WS4550000

WT2900000 SULFUROUS ACID, 2-(p-tert-BUTYLPHENOXY)CYCLOHEXYL-2-PROPYNYL ESTER

UPDT 8402 CAS: 2312-35-8 MW: 350.51 MOLFM: C19-H26-O4-S

SYN: BPPS * 2-(p-t-BUTYLPHENOXY)CYCLOHEXYL PROPARGYL SULFITE * 2-(p-tert-BUTYLPHENOXY)CYCLOHEXYL 2-PROPYNYL SULFITE * COMITE * 2-(4-(1,1-DIMETHYLETHYL)PHENOXY)CYCLOHEXYL 2-PROPYNYL SULFITE * DO 14 * ENT 27226 * NA 2765 (DOT) * NAUGATUCK D-014 * OMAIT * OMITE * PROPARGITE * PROPARGITE (DOT) * SULFUROUS ACID, 2-(4-(1,1-DIMETHYLETHYL)PHENOXY)CYCLOHEXYL 2-PROPYNYL ESTER * UNIROYAL D014 * U.S. RUBBER D-014

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1480 mg/kg TXAPA9 14,515,6

skn-rat LD50:250 mg/kg WRPCA2 9,119,70

* unk-mus LD50:780 mg/kg TGANAK 10(1),45,83

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172,101,82

WT2975000 SULFUROUS ACID, 2-(p-t-BUTYLPHENOXY)-1-METHYLETHYL-2-CHLOROETHYL ESTER

UPDT 8405 CAS: 140-57-8 MW: 334.89 MOLFM: C15-H23-Cl-O4-S

SYN: ACARACIDE * ARACIDE * ARAMITE * ARAMITE-15W * ARAMITEARARAMITE 15W * ARATRON * BUTYLPHENOXYISOPROPYL CHLOROETHYL SULFITE * 2-(p-BUTYLPHENOXY)ISOPROPYL 2-CHLOROETHYL SULFITE * 2-(4-t-BUTYLPHENOXY)ISOPROPYL 2-CHLOROETHYL SULFITE * 2-(p-t-BUTYLPHENOXY)ISOPROPYL 2-CHLOROETHYL SULPHITE * 2-(p-t-BUTYLPHENOXY)-1-METHYLETHYL 2-CHLOROETHYL ESTER of SULPHUROUS ACID * 2-(p-BUTYLPHENOXY)-1-METHYLETHYL 2-CHLOROETHYL SULFITE * 2-(p-t-BUTYLPHENOXY)-1-METHYLETHYL-2-CHLOROETHYL SULFITE * 2-(p-t-BUTYLPHENOXY)-1-METHYLETHYL 2-CHLOROETHYL SULPHITE * 2-(p-t-BUTYLPHENOXY)-1-METHYLETHYL SULPHITE of 2-CHLOROETHANOL * CES * beta-CHLOROETHYL-beta-(p-t-BUTYLPHENOXY)-alpha-METHYLETHYL SULFITE * beta-CHLOROETHYL-beta-(p-t-BUTYLPHENOXY)-alpha-METHYLETHYL SULPHITE * 2-CHLOROETHYL 1-METHYL-2-(p-t-BUTYLPHENOXY)ETHYL SULPHATE * 2-CHLOROETHYL SULPHITE of 1-(p-t-BUTYLPHENOXY)-2-PROPANOL * COMPOUND 88R * ENT 16,519 * ETHANOL, 2-CHLORO-, 2-(p-t-BUTYLPHENOXY)-1-METHYLETHYL SULFITE * ETHANOL, 2-CHLORO-, ESTER WITH 2-(p-tert-BUTYLPHENOXY)-1-METHYLETHYL SULFITE * NIAGARAMITE * ORTHO-MITE * 2-PROPANOL, 1-(p-t-BUTYLPHENOXY)-, 2-CHLOROETHYL SULFITE * 88-R * SULFUROUS ACID, 2-(p-tert-BUTYLPHENOXY)-1-METHYLETHYL 2-CHLOROETHYL ESTER * SULFUROUS ACID, 2-CHLOROETHYL-, 2-(4-(1,1-DIMETHYLETHYL)PHENOXY)-1-METHYLETHYL ESTER

TUMORIGENIC DATA AND REFERENCES:

2V02L60 orl-rat TDLo:15 gm/kg/2Y-C CANCAR 13,1035,60

3V01J60L60 orl-mus TDLo:130 gm/kg/80W-C JNCIAM 42,1101,69

2V03L60 orl-dog TDLo:20 gm/kg/2Y-C CANCAR 13,780,60

3V03L60L50 orl-rat TD :8100 mg/kg/2Y-C TXAPA9 11,88,67

TOXICITY DATA AND REFERENCES:

orl-hmn LDLo:429 mg/kg 34ZIAG -,111,69

orl-rat LD50:3900 mg/kg PCOC** -,61,66

* orl-mus LD50:2000 mg/kg BSESA3 9,103,76

ipr-mus LDLo:200 mg/kg TXAPA9 23,288,72

orl-gpg LD50:3900 mg/kg PCOC** -,61,66

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: BSCVA2 5,250,70; EESADV 1,503,78

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 5,39,74

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SULFUROUS ACID, 2-(p-tert-BUTYLPHENOXY)-1-METHYLETHYL-2-CHLOROETHYL ESTER see: WT2975000

WT2977000 SULFUROUS ACID, 1-((p-tert-BUTYLPHENOXY)METHYL)PROPYL o-TOLYL ESTER

UPDT 8308 CAS: 3376-90-7 MW: 376.55 MOLFM: C21-H28-O4-S

SYN: C 940 * ENT 27,224 * NAUGATUCK C940

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:16 gm/kg ARSIM* 20,16,66

SULFUROUS ACID, 2-CHLOROETHYL-, 2-(4-(1,1-DIMETHYLETHYL)PHENOXY)-1-METHYLETHYL ESTER see: WT2975000

SULFUROUS ACID, cyclic ester with 1,4,5,6,7,7-HEXACHLORO-5-NORBORNENE-2,3-DIMETHANOL see: RB9275000

WT3505000 SULFUROUS ACID, DIAMMONIUM SALT

CAS: 10196-04-0 MW: 50.07 MOLFM: H3-N-1/2H2-O3-S

SYN: AMMONIUM SULFITE * AMMONIUM SULFITE (DOT) * DIAMMONIUM SULFITE * NA 9090 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172,101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

WT3510000 SULFUROUS ACID, DIBENZYL ESTER

UPDT 8408 CAS: 35506-85-5 MW: 262.34 MOLFM: C14-H14-O3-S

SYN: BENZYL SULFITE

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:178 mg/kg CSLNX* NX#02156

SULFUROUS ACID, 2-(4-(1,1-DIMETHYLETHYL)PHENOXY)CYCLOHEXYL 2-PROPYNYL ESTER see: WT2900000

SULFUROUS ACID, 1-((4-(1,1-DIMETHYLPROPYL)PHENOXY)METHYL)PROPYL 2-PROPYNYL ESTER see: WT3750000

WT3515000 SULFUROUS ACID, DIPHENETHYL ESTER

UPDT 8408 CAS: 24281-43-4 MW: 290.40 MOLFM: C16-H18-O3-S

SYN: 2-PHENETHYL SULFITE

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:178 mg/kg CSLNX* NX#02157

WT3530000 SULFUROUS ACID, DIPOTASSIUM SALT

UPDT 8409 CAS: 10117-38-1 MW: 158.26 MOLFM: O3-S . 2K

SYN: POTASSIUM SULFITE

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SULFUROUS ACID (DOT) see: WT2775000

WT3595000 SULFUROUS ACID, MONOAMMONIUM SALT

CAS: 10192-30-0 MW: 99.12 MOLFM: H3-N . H2-O3-S

SYN: AMMONIUM BISULFITE * AMMONIUM BISULFITE, solid (DOT) * AMMONIUM BISULFITE, solution (DOT) * AMMONIUM HYDROGEN SULFITE * AMMONIUM MONOSULFITE * MONOAMMONIUM SULFITE * NA 2693 (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORM-B; LABEL:NONE, solid CFRGBR 49,172,101,82

★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solution CFRGBR 49,172,101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

SULFUROUS ACID, MONOSODIUM SALT see: VZ2000000

WT3750000 SULFUROUS ACID, 1-((p-tert-PENTYLPHENOXY)METHYL)PROPYL 2-PROPYNYL ESTER

UPDT 8309 CAS: 2689-84-7 MW: 338.50 MOLFM: C18-H26-O4-S

SYN: C-912 * 1-((4-(1,1-DIMETHYLPROPYL)PHENOXY)METHYL)PROPYL 2-PROPYNYL SULFITE * ENT 27,225 * NAUGATUCK C-912 * SULFUROUS ACID, 1-((4-(1,1-DIMETHYLPROPYL)PHENOXY)METHYL)PROPYL 2-PROPYNYL ESTER * UNIROYAL C-912 * U.S. RUBBER C-912

TOXICITY DATA AND REFERENCES:

orl-rat LD50:2000 mg/kg ARSIM* 20,16,66

SULFUROUS ACID, SODIUM SALT (1:2) see: WE2150000

SULFUROUS ANHYDRIDE see: WS4550000

SULFUROUS DICHLORIDE see: XM5150000

SULFUROUS OXIDE see: WS4550000

SULFUROUS OXYCHLORIDE see: XM5150000

SULFUROUS OXYFLUORIDE see: XM5425000

SULFUR OXIDE see: WS4550000

SULFUR PENTAFLUORIDE see: WS4480000

SULFUR PHOSPHIDE see: TH4375000

SULFUR SELENIDE see: VT0525000

SULFUR, SOLID see: WS4250000

SULFUR SUBCHLORIDE see: WS4300000

WT4800000 SULFUR TETRAFLUORIDE

UPDT 8312 CAS: 7783-60-0 MW: 108.06 MOLFM: F4-S

SYN: SULPHUR TETRAFLUORIDE (DOT) * TETRAFLUOROSULFURANE * UN 2418 (DOT)

TOXICITY DATA AND REFERENCES:

ihl-rat LCLo:19 ppm/4H JOCMA7 4,262,62

REVIEW AND REFERENCES:

★ TLV-TWA 100 ppb; STEL 300 ppb DTLVS* 4,379,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74

★ DOT-IMO:POISON A; LABEL:POISON GAS CFRGBR 49,172,102,83

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

WT4830000 SULFUR TRIOXIDE

UPDT 8401 CAS: 7446-11-9 MW: 80.06 MOLFM: O3-S

SYN: SULFAN * SULFURIC ANHYDRIDE * SULFURIC ANHYDRIDE (DOT) * SULFURIC OXIDE * SULFUR TRIOXIDE (DOT) * UN 1829 (DOT)

TOXICITY DATA AND REFERENCES:

3D07J21J30 ihl-hmn TCLo:30 mg/m3 JPBAA7 68,197,54

ihl-gpg LCLo:30 mg/m3/6H JPBAA7 68,197,54

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AEHLAU 16,903,68

STANDARDS & REGULATIONS:

★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172,101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SULFUR TRIOXIDE (DOT) see: WT4830000

WT4870000 SULFURYL CHLORIDE

UPDT 8308 CAS: 7791-25-5 MW: 134.96 MOLFM: Cl2-O2-S

SYN: SULFONYL CHLORIDE * SULFURIC OXYCHLORIDE * SULFURYL CHLORIDE (DOT) * UN 1834 (DOT)

TUMORIGENIC DATA AND REFERENCES:

2V03R60 skn-mus TDLo:2850 mg/kg/1Y-I GISAAA 47(7),9,82

STANDARDS & REGULATIONS:

★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172,101,82

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SULFURYL CHLORIDE (DOT) see: WT4870000

WT4900000 SULFURYL CHLORIDE FLUORIDE

UPDT 7908 CAS: 13637-84-8 MW: 118.51 MOLFM: Cl-F-O2-S

SYN: TL 212

TOXICITY DATA AND REFERENCES:

ihl-mus LCLo:520 mg/m3/10M NDRC** NDCrc-132,June,42

REVIEW AND REFERENCES:

★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

WT5075000 SULFURYL FLUORIDE

UPDT 8404 CAS: 2699-79-8 MW: 102.06 MOLFM: F2-O2-S

SYN: FLUORURE DE SULFURYLE (French) * SULFURIC OXYFLUORIDE * SULFURYL FLUORIDE (DOT) * UN 2191 (DOT) * VIKANE * VIKANE FUMIGANT

TOXICITY DATA AND REFERENCES:

orl-rat LD50:100 mg/kg 85ARAE 3,15,76

ihl-rat LC50:3020 ppm/1H TXAPA9 42,417,77

ihl-mus LCLo:1200 ppm/1H AMPMAR 34(10-11),581,73

ihl-rbt LCLo:5000 ppm/1H AMPMAR 34(10-11),581,73

orl-gpg LD50:100 mg/kg DOWCC*

REVIEW AND REFERENCES:

★ TLV-TWA 5 ppm; STEL 10 ppm DTLVS* 4,379,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 5 ppm (SCP-R) FEREAC 39,23540,74

★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172,101,82

★ DOT-IMO:POISON A; LABEL:POISON GAS CFRGBR 49,172,102,83

STATUS:

"NIOSH MANUAL OF ANALYTICAL METHODS" VOL 6 S245

"NIOSH MANUAL OF ANALYTICAL METHODS" TO BE REVISED BY JUNE, 1985

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SULFURYL FLUORIDE (DOT) see: WT5075000

SULGIN see: WO8575000

SULISOBENZONE see: DB5044300 BENZENESULFONIC ACID, 5-BENZOYL-4-HYDROXY-2-METHOXY-

SULKOL see: WS4250000

SULMET see: WO9275000

SULOCTIDIL see: DO8910000

SULOCTIDYL see: DO8910000

SULOCTON see: DO8910000

SULODYNE see: US7875000

SULOUREA see: YU2800000

SULOXSOL see: WO9100000

SULPELIN see: XH9890000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-7OXO-6-(2-PHENYL-2- SULFOACETAMIDO)-, DISODIUM SALT

SULPHABUTIN see: EK1750000

SULPHACETAMIDE see: AC8450000

SULPHADIAZINE see: WP1925000

SULPHADIMETHOXINE see: WO9030000

SULPHADIMETHOXYPYRIMIDINE see: DA9495000

SULPHADIMETHYLISOXAZOLE see: WO9100000

SULPHADIMETHYLPYRIMIDINE see: WO9275000

SULPHADIMIDINE see: WO9275000

SULPHADIONE see: BY8925000

SULPHAFURAZ see: WO9100000
SULPHAFURAZOL see: WO9100000
SULPHAFURAZOLE see: WO9100000
SULPHAFURAZOLUM see: WO9100000
SULPHAGUANIDINE see: WO8575000
SULPHAISOXAZOLE see: WO9100000
SULPHAMERAZINE see: WP0750000
SULPHAMETHALAZOLE see: WP0700000
SULPHAMETHOXAZOL see: WP0700000
SULPHAMETHOXAZOLE see: WP0700000
SULPHA-METHOXIZOLE see: WP0700000
SULPHAMETHOXYPYRIDAZINE see: WP0400000
SULPHAMETHYLISOXAZOLE see: WP0700000
SULPHAMIC ACID see: WO5950000
SULPHAMIC ACID (DOT) see: WO5950000
SULPHAMOPRINE see: DA9495000
SULPHAN BLUE see: BP6830000
SULPHANILAMIDE see: WO8400000
5-SULPHANILAMIDO-3,4-DIMETHYL-ISOXAZOLE see: WO9100000
3-SULPHANILAMIDO-5-METHYLISOXAZOLE see: WP0700000
SULPHASALAZINE see: VO6250000
SULPHASIL see: AC8450000
SULPHASOMIDINE see: WO9270000
SULPHATHIAZOLE see: WP2360000
SULPHEIMIDE see: GW4900000
SULPHENAZOLE see: DA9520000
SULPHENONE see: WR5775000
SULPHISOMEZOLE see: WP0700000
SULPHISOXAZOL see: WO9100000
2-SULPHOBENZOIC IMIDE see: DE4200000
SULPHOBENZOIC IMIDE CALCIUM SALT see: DE4250000
SULPHOBENZOIC IMIDE, SODIUM SALT see: DE4550000
SULPHOCARBONIC ANHYDRIDE see: FF6650000
SULPHOFURAZOLE see: WO9100000
SULPHO GREEN 2B see: BQ4375000
SULPHOLANE see: XN0700000
SULPHON ACID BLUE R see: QJ6300000
SULPHON ACID BLUE RA see: QJ6300000
SULPHONAL NP 1 see: WP4103000
1-(4-SULPHO-1-NAPHTHYLAZO)-2-NAPHTHOL-3,6-DISULPHONIC ACID, TRISODIUM SALT see: QJ6550000
1-(4-SULPHO-1-NAPHTHYLAZO)-2-NAPHTHOL-6,8-DISULPHONIC ACID, TRISODIUM SALT see: QJ6530000
2-(4-SULPHO-1-NAPHTHYLAZO)-1-NAPHTHOL-4-SULPHONIC ACID, DISODIUM SALT see: QK1925000
SULPHON-MERE see: BY8925000
SULPHONOL RED R see: QJ6475500
SULPHON YELLOW RS-CF see: DV3910000
1,1'-SULPHONYLBIS(4-AMINOBENZENE) see: BY8925000
4,4'-SULPHONYLBISBENZAMINE see: BY8925000
p,p-SULPHONYLBISBENZAMINE see: BY8925000
p,p-SULPHONYLBISBENZENAMINE see: BY8925000
4,4'-SULPHONYLBISBENZENAMINE see: BY8925000
SULPHONYLDIANILINE see: BY8925000
p,p-SULPHONYLDIANILINE see: BY8925000
4,4'-SULPHONYLDIANILINE see: BY8925000
4-p-SULPHOPHENYLAZO-1-NAPHTHOL, MONOSODIUM SALT see: DB7085000
1-p-SULPHOPHENYLAZO-2-NAPHTHOL-6-SULPHONIC ACID, DISODIUM SALT see: QK2450000
SULPHORAPHEN see: NX8944000
SULPHORMETHOXINE see: DA9500000
SULPHOS see: TF4550000
SULPHOXALINE see: XN0700000
SULPHOXIDE see: DA5775000
2-(6-SULPHO-2,4-XYLYLAZO)-1-NAPHTHOL-4-SULPHONIC ACID, DISODIUM SALT see: QK2705000
SULPHUR see: WS4250000
SULPHUR DIOXIDE, liquefied (DOT) see: WS4550000
SULPHUR (DOT) see: WS4250000
SULPHUR, lump or powder (DOT) see: WS4250000
SULPHUR, molten (DOT) see: WS4250000
SULPHUR CHLORIDE PENTAFLUORIDE see: WS4375000
SULPHUR DIOXIDE see: WS4550000
SULPHURIC ACID see: WS5600000
SULPHURIC ACID, with more than 51% acid (DOT) see: WS5609000
SULPHURIC ACID, with not more than 51% acid (DOT) see: WS5610000
SULPHURIC ACID, CADMIUM SALT (1:1) see: EV2700000
SULPHUR MUSTARD see: WQ0900000
SULPHUR MUSTARD GAS see: WQ0900000
SULPHUROUS ACID (DOT) see: WT2775000
SULPHUR TETRAFLUORIDE (DOT) see: WT4800000
SULPIRID see: BZ3400000
SULPIRIDE see: BZ3400000
5-(-)-SULPIRIDE see: BZ3400100
SULPRIM see: UV8240000
SULPROFOS see: TE4165000
SULPROSTONE see: MJ8810000
SULPYRID see: BZ3400000
SULPYRIN see: PB1300000
SULPYRINE see: PB1300000
SULQUIN see: WP2100000
SULSOL see: WS4250000
SULSOXIN see: WO9100000
SULTANOL see: ZE4400000
SULTIRENE see: WP0400000
SULTOPRIDE see: BZ3390000
SULXIN see: WO9030000
SULZOL see: WP2360000
SUM 3170 see: HQ4025000
SUMAC, SHINING see: VU9140000
SUMAPEN VK see: XH9275000
SUMATRA CAMPHOR see: ED7000000
SUMEDINE see: WP0750000
SUMETROLIM see: UV8240000
SUMICIDIN see: CY1576350
SUMIFLY see: CY1576350
SUMIKATHENE see: TQ3325000
SUMIKATHENE F 702 see: TQ3325000
SUMIKATHENE F 101-1 see: TQ3325000
SUMIKATHENE F 210-3 see: TQ3325000
SUMIKATHENE G 201 see: TQ3325000
SUMIKATHENE G 202 see: TQ3325000
SUMIKATHENE G 701 see: TQ3325000
SUMIKATHENE G 801 see: TQ3325000
SUMIKATHENE G 806 see: TQ3325000
SUMIKATHENE HARD 2052 see: TQ3325000
SUMILEX see: GZ2150000
SUMILIGHT SUPRA BROWN BRS see: GL7375000
SUMILIT EXA 13 see: KV0350000
SUMILIT PCX see: AK0950000
SUMILIT PX-A see: KV0350000
SUMILIT PXA 13 see: KV0350000
SUMILIT PX-N see: KV0350000
SUMILIT PXNH see: KV0350000
SUMILIT PX-NL see: KV0350000
SUMILIT S chi-D see: KV0350000
SUMILIT SX 11 see: KV0350000
SUMILIT SX 13 see: KV0350000
SUMILIT SX 7G see: KV0350000
SUMILIT VS 9200 see: KV0350000
SUMILIZER BHT see: GO7875000
SUMILIZER WX see: GP3150000
SUMILIZER WX R see: GP3150000
SUMINE 2015 see: DP4500000
SUMINE 2079 see: DP5775000
SUMINOL MILLING RED GRS see: QJ6478000
SUMINOL MILLING RED RS see: QJ6475500
SUMINOL MILLING YELLOW MR see: DV3910000
SUMINOL RED RS see: QJ6478000
SUMIPEX B-LG see: TR0400000
SUMIPEX B-MH see: TR0400000
SUMIPEX-B MHD see: TR0400000
SUMIPEX LG see: TR0400000
SUMIPEX LO see: TR0400000
SUMIPEX MHO see: TR0400000
SUMIPOWER see: CY1576350
SUMIREZ 614 see: YU1610000
SUMIROIS I see: AT6970000
SUMISCLEX see: GZ2150000

WT9096500 SUMISTAT PP 101
UPDT:8406 CAS: 51635-88-2

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:1638 mg/kg (91D male)	OYYAA2 8,1525,74
1T02	orl-mus TDLo:328 mg/kg (91D male)	OYYAA2 8,1515,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SUMITEKKUSU REJIN 810 see: YU1610000
SUMITEX 260 see: YU1610000
SUMITEX 810 see: YU1610000
SUMITEX FSK see: NJ0607000
SUMITEX H 10 see: TR8100000
SUMITEX NF 113 see: YU1610000
SUMITEX NS see: NJ0607000
SUMITEX NS 1SPE see: NJ0607000
SUMITEX RESIN 810 see: YU1610000
SUMITHIAN see: TG0350000
SUMITHION see: TG0350000
SUMITOL see: XY4980000
SUMITOL 80W see: XY4980000
SUMITOMO LIGHT GREEN SF YELLOWISH see: BQ4700000
SUMITOMO PATENT PURE BLUE VX see: BP6830000
SUMITOMO PX 11 see: KV0350000
SUMITOMO S 4084 see: TF7600000
SUMITOMO S-1102A see: TG0350000
SUMITOMO SP-1103 see: GZ1730000
SUMITOMO WOOL BLUE SBC see: DU3000000
SUMITOMO WOOL GREEN S see: BQ1150000
SUMITOX see: WM8400000
SUMMETRIN see: RU4950000
SUMOX see: XH8300000
SUMYCIN see: QI9100000
SUNAPTIC ACID B see: QK8750000
SUNAPTIC ACID C see: QK8750000
SUNBRELLA see: DG1400000
SUNCHOLIN see: GA4027000
SUNCHROMINE BLUE BLACK B see: QK2195000
SUNCIDE see: FC3150000
SUNFRAL see: YR0450000
SUNITOMO S 4084 see: TF7600000
SUN ORANGE A GEIGY see: QK2450000
SUNOXOL see: VC8260000
SUNSET YELLOW see: QK2450000
SUNSET YELLOW BSS see: QK2450000
SUNSET YELLOW FCF see: QK2450000
SUNSET YELLOW FCF SUPRA see: QK2450000
SUNSET YELLOW FU see: QK2450000
SUNSET YELLOW FU SUPRA see: QK2450000
SUNSET YELLOW LAKE see: QK2450000
SUNSUBLY B see: YK0510000
SUNTOL see: GN6300000
SUNWAX 151 see: TQ3325000
SUN YELLOW see: QK2450000
SUN YELLOW A-CE see: QK2450000
SUN YELLOW A-FDC see: QK2450000
SUN YELLOW EXTRA CONC. A EXPORT see: QK2450000
SUN YELLOW EXTRA PURE A see: QK2450000
SUN YELLOW FCF see: QK2450000
SUN YELLOW G see: GD0197800
SUN YELLOW 3G see: GD0197800
SUN YELLOW R see: GD0197800
SUOSAN see: AY7515000
SUPARI, nut extract (Indian) see: DS8150000
SUPACAL see: UF8440000
SUPERACRYL AE see: TR0400000
SUPERACRYL O see: TR0400000
SUPER AMIDE L-9A see: JR1925000
SUPER AMIDE L-9C see: JR1925000
SUPERANABOLON see: KG7995000
SUPER ANAHIST see: AM4375000
SUPERBARNON see: UE8880000

SUPERBRESILINE see: DE3124000
SUPER-CAID see: GN4934700
SUPERCEL 3000 see: YR6250000
SUPERCHROME BLUE BC see: QK2195000
SUPERCHROME BLUE BG see: QK2195000
SUPER COBALT see: GF8750000
SUPERCOL see: OJ8690000
SUPERCOL G.F. see: MG0185000
SUPERCOL U POWDER see: MG0185000
SUPERCORTIL see: TU4154100
SUPERCORTYL see: TU4152500
SUPER COSAN see: WS4250000
SUPER CRAB-E-RAD see: BF2810000
SUPER CRAB-E-RAD-CALAR see: PA1800000
SUPER D see: DG7506100
SUPER DAL-E-RAD see: BF2810000
SUPER DAL-E-RAD see: PA1800000
SUPER DAL-E-RAD-CALAR see: PA1800000
SUPER-DENT see: WB0350000
SUPER-DE-SPROUT see: UR5950000
SUPER D WEEDONE see: AG6825000
SUPER D WEEDONE see: AJ8400000
SUPER DYLAN see: TQ3325000
SUPERFLAKE ANHYDROUS see: EV9800000
SUPERFLOC see: TR2725000
SUPERGAN see: ZG0350000
SUPER HARTOLAN see: FZ8400000
SUPERIAN YELLOW R see: DB5042500
SUPERINONE see: SM9750000
SUPERIUONE (French) see: SM9750000
SUPERLYSOFORM see: LP8925000
SUPER METHAR see: BF2810000
SUPERNOX see: UE4900000
SUPEROL see: VC8260000
SUPEROL see: MA8050000
SUPEROL RED C RT-265 see: DB5500000
SUPERORMONE CONCENTRE see: AG6825000
SUPERPREDNOL see: TU3980000
SUPER PRODAN see: VV8410000
SUPER RODIATOX see: TF4550000
SUPER-ROZOL see: GN4934700
SUPERSEPTIL see: WO9275000
SUPERSORBON IV see: FF5250100
SUPERSORBON S 1 see: FF5250100
SUPER SPROUT STOP see: UR5950000
SUPER SUCKER-STUFF see: UR5950000
SUPER SUCKER-STUFF HC see: UR5950000
SUPIDIMIDE see: DE4610000

WU2010000 SUPINIDINE, 3,8-DIDEHYDRO-
UPDT:8405 CAS: 27628-47-3 MW: 137.20 MOLFM: C8-H11-N-O
SYN: DEHYDROSUPINIDINE
MUTATION DATA AND REFERENCES:
oms-rat:lvr 20 umol/L CBINAB 30,325,80
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:55 mg/kg CBINAB 12,299,70

SUPININE HYDROCHLORIDE see: EK7793000
SUPININ HYDROCHLORIDE see: EK7793000
SUPLEXEDIL see: AB4785000 ACETAMIDE, 2-(p-BUTOXYPHENOXY)-N-(2,5-DIETHOXYPHENYL)-N-(2-(DIETHYLAMINO)ETHYL)-, HYDROCHLORIDE
SUPONA see: TB8750000
SUPONE see: TB8750000
SUP'OPERATS see: GN4934700
SUPOTRAN see: XJ1050000
SUPRA see: NO7400000
SUPRACAPSULIN see: DO2625000
SUPRACET BRILLIANT BLUE 2GN see: CB0540000
SUPRACET DEEP BLUE R see: CB0540000
SUPRACET DIAZO BLACK A see: BX5020000
SUPRACET FAST YELLOW G see: AC3662000
SUPRACET ORANGE R see: CB5740000
SUPRACHOL see: FZ2500000
SUPRADIN see: DO2625000
SUPRALGIN see: AM4375000
SUPRAMIKE see: CR0600000
SUPRAMYCIN see: QI9100000
SUPRANEFRAN see: DO2625000
SUPRANEPHRANE see: DO2625000
SUPRANEPHRINE see: DO2625000
SUPRANEPHRIN SOLUTION see: DO3150000
SUPRANOL see: DO2625000
SUPRANOL FAST RED GG see: QJ6475500
SUPRANOL FAST RED RX see: QJ6478000
SUPRANOL RED PBX-CF see: QJ6475500
SUPRANOL RED R see: QJ6475500
SUPRANOL YELLOW R see: DV3910000
SUPRARENALINE see: DO2625000
SUPRARENIN see: DO2625000
SUPRARENIN see: DO3500000
SUPRARENIN HYDROCHLORIDE see: DO3150000
SUPRASIL see: VV7320000
SUPRATHEN see: TQ3325000
SUPRATHEN C 100 see: TQ3325000
SUPRAZO BROWN BRL see: GL7375000
SUPREL see: DO2625000
SUPREMAL see: XH5082000
SUPREME see: WW2710000
SUPREME DENSE see: WW2710000
SUPREXCEL BROWN BRL see: GL7375000
SUP 'R FLO see: OP0700000
SUP'R FLO see: YS8925000
SUP'R-FLO FERRAM FLOWABLE see: NO8750000
SUPRILENT see: DO8225000
SUPRIMAL see: TL1970000
SUPRIN see: UV8240000
SUPRISTOL see: DA9501600
SUPROFEN see: MU6647000
SUPROTAN see: XJ1050000
SURAMETHINIUM see: GA2360000
SURAMINE SODIUM see: QM7000000
SURAMIN SODIUM see: QM7000000
SURAUTO see: AC4200000
SURCHLOR see: NH3486300
SURCOPUR see: UE4900000
SURECIDE see: TB1750000
SUREM see: DF2450000
SUREM see: RO0685000
SURENINE see: DO2625000
SURE-SET see: AG0175000
SURESTRINE see: SF7300000
SURESTRYL see: SF7300000
SURFACAINE METHYL SULFATE see: DG5775010
SURFACTANT WK see: MD0875000
SURFLAN see: WO9350000
SURGAM see: XM7580000
SURGEX see: NS1225000
SURGICAL SIMPLEX see: TR0400000
SURGICAL SIMPLEX P see: TR0400000
SURGI-CEN see: SM0700000
SURGI-CIN see: SM0700000
SURHEME see: RO0685000
SURIKA see: CB4375000
SURINAM GREENHEART WOOD see: QL8750000
SURIRENE see: WP0400000
SURMONTIL MALEATE see: HN9260000
SUROFENE see: SM0700000
SURPASS see: FD3840000
SURPLIX see: HO1575000
SURPRACIDE see: TE2100000
SURPUR see: UE4900000
SURRECTAN see: UM0175000
SURRENINE see: DO2625000
SURSUM see: AG0525000
SURSUMID see: BZ3400000 o-ANISAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-SULFAMOYL-
SUSANI SAK EXTRACT (Indian) see: OQ0761500
SU SEGURO CARPIDOR see: XU9275000
SUSPEN see: XH9275000
SUSPENDOL see: UR0785000
SUSPHRINE see: DO2625000
SUSTAMYCIN see: QI9100000
SUSTANE see: MX4375000
SUSTANE see: SL1945000
SUSTANE see: GO7875000
SUSTANE 1-F see: SL1945000
SUSTANE BHT see: GO7875000
SUSTANONE see: XA3030000
SUSVIN see: TC4375000
SUTAN see: EZ7525000
SUTAN + see: WU5800000

WU5800000 SUTAN PLUS
UPDT:8309 CAS: 35947-90-1 MW: 433.51 MOLFM: C11-H23-N-O-S .C8-H11-Cl2-N-O
SYN: BUTYLATE, plus R-25788 * S-ETHYL DIISOBUTYLTHIOCARBAMATE plus INERT SAFENER R-25788 * SUTAN +
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3500 mg/kg FMCHA2 -,C225,83

SUTICIDE see: BQ7875000
SUTOPROFEN see: MU6647000 HYDRATROPIC ACID, p-(2-THENOYL)-
SUVREN see: KQ8575000
SUVREN see: KQ8563000
SUXAMETHONIUM CHLORIDE see: GA2360000
SUXAMETHONIUM CHLORIDE see: GA2360000
SUXAMETHONIUM DICHLORIDE see: GA2360000
SUXAMETHONIUM IODIDE see: GA5250000
SUXCERT see: GA2360000
SUXETHONIUM CHLORIDE see: GA2360000
SUXIBUZONE see: WM9640000
SUXIL see: WN3850000
SUXILEP see: WN2800000
SUXIMAL see: WN2800000
SUXIMER see: WM7640000
SUXIN see: WN2800000
SUXINUTIN see: WN2800000
SUXINYL see: GA2360000
SUZORITE MICA see: VV8760000
SUZU see: WH6650000
SUZU H see: WH8575000
SV 55 see: KV0350000
SV 102 see: WN0525000
SV-1522 see: OB2275000
SVC see: CF8400000
SVITPREN see: EI9660000
SVKh 1 see: KV9750000
SVKh 40 see: KV9750000
SW 77 see: AM9700000

WU7052000 SWARTZIA PINNATA, stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg CPBTAL 13,882,65

SWARTZIOL see: LK9275200
SWAT see: LZ9450000
SWEBATE see: TF6890000
SWEDISH GREEN see: CG3385000
SWEDISH GREEN see: GL6475000
SWEENEY'S ANT-GO see: CG1225000
SWEEP see: DW2275000
SWEEP see: NT2600000
SWEETA see: DE4550000
SWEET BIRCH OIL see: VO4725000
SWEET BIRCH OIL see: RJ3698000
SWEET CHESTNUT STEM BARK EXTRACT see: FI4079000
SWEET DIPEPTIDE see: WM3407000

WU7185000 SWEET GUM
DEF: TANNIN containing fraction of leaf used (JNCIAM 57,207,76)
UPDT:8401
SYN: LIQUIDAMBAR STYRACIFLUA * TANNIN from SWEET GUM
TUMORIGENIC DATA AND REFERENCES:
3V02V10 scu-rat TDLo:1100 mg/kg/56W-I JNCIAM 57,207,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SWEET MARJORAM OIL see: OP9750000
SWEET MYRTLE see: ZC0320000
SWEP see: FD8750000

WU7535000 SWERTIA PANICULATA Wall., extract
DEF:Indian plant belonging to the family GENTIANACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

WU7536000 SWERTIA PETIOLATA Royle, extract
DEF:Indian plant belonging to the family GENTIANACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1G08 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

WU7537000 SWERTIA PURPURASCENS Wall., extract
DEF:Indian plant belonging to the family GENTIANACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

WU7540000 SWIETENIA MAHAGONI Linn., stem bark extract
DEF:Indian plant belonging to the family MELIACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

WU7541000 SWIETINIA MACROPHYLLA, leaf extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:16 mg/kg CPBTAL 13,882,65

SWINE OVARIAN FOLLICULAR EXTRACT see: RN4300000
SWINE PROSTATE EXTRACT see: VK5750000
SWISS BLUE see: SO5600000
SX 11 see: KV0350000
SX 76 see: KV0350000
SX PURPLE see: QJ6530000
SX 8T see: KV0350000
SYBIROMYCIN see: UY8495000
SYD 230 see: VN7885000
SYDNONE-4-ACETAMIDE, 3-BENZYL- see: WU7675000

WU7660000 SYDNONE, 3-ALLYL-
UPDT:8309 MW: 128.15 MOLFM: C5-H8-N2-O2
SYN: 3-ALLYLSYDNONE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:155 mg/kg JPMSAE 51,1058,62

WU7675000 SYDNONE, 3-BENZYL-4-CARBAMOYLMETHYL-
UPDT:8401 CAS: 14504-15-5 MW: 233.25 MOLFM: C11-H11-N3-O3
SYN: 3-BENZYLSYDNONE-4-ACETAMIDE * SYDNONE-4-ACETAMIDE, 3-BENZYL-
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:23 mg/kg/13W-I GANNA2 65,273,74
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4450 mg/kg GANNA2 65,273,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WU7675300 SYDNONE, 3-sec-BUTYL-
UPDT:8309 MW: 144.20 MOLFM: C6-H12-N2-O2
SYN: 3-sec-BUTYLSYDNONE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:223 mg/kg JPMSAE 51,1058,62

WU7675350 SYDNONE, 3-tert-BUTYL-
UPDT:8403 MW: 144.20 MOLFM: C6-H12-N2-O2
SYN: 3-tert-BUTYLSYDNONE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:187 mg/kg JPMSAE 51,1058,62

WU7675400 SYDNONE, 3-(p-CARBOXYPHENYL)-
UPDT:8402 CAS: 7614-53-1 MW: 206.17 MOLFM: C9-H6-N2-O4
SYN: 3-(p-CARBOXYPHENYL)SYDNONE * N-(p-KARBOXYPHENYL)-SYDNON (German)
TOXICITY DATA AND REFERENCES:
3E15F02F05 orl-mus LD50:1030 mg/kg ABMGAJ 14,369,65

WU7675600 SYDNONE, 3-(p-CHLOROPHENYL)-4-PHENYL-
UPDT:8402 MW: 272.70 MOLFM: C14-H9-Cl-N2-O2
SYN: 3-(p-CHLOROPHENYL)-4-PHENYLSYDNONE * N-(p-CHLORPHENYL)-C-(PHENYL)-SYDNON (German)
TOXICITY DATA AND REFERENCES:
3E15F02F05 orl-mus LD50:764 mg/kg ABMGAJ 14,369,65

WU7675700 SYDNONE, 3-(2-(DIETHYLAMINO)ETHYL)-4-METHYL-, MONOHYDROCHLORIDE
UPDT:8402 MW: 235.73 MOLFM: C9-H17-N3-O2 Cl-H
SYN: 3-(2-(DIETHYLAMINO)ETHYL)-4-METHYLSYDNONE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F13F29 ipr-mus LD50:271 mg/kg JPMSAE 54,1041,65

WU7675800 SYDNONE, 3-(2-(DIETHYLAMINO)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8402 MW: 221.72 MOLFM: C8-H15-N3-O2 Cl-H
SYN: 3-(2-(DIETHYLAMINO)ETHYL)SYDNONE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F17F29 ipr-mus LD50:650 mg/kg JPMSAE 54,1041,65

WU7675900 SYDNONE, 3-(2-(DIETHYLAMINO)ETHYL)-4-PHENYL-, MONOHYDROCHLORIDE
UPDT:8402 MW: 297.82 MOLFM: C14-H19-N3-O2 Cl-H
SYN: 3-(2-(DIETHYLAMINO)ETHYL)-4-PHENYLSYDNONE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11F13F18 ipr-mus LD50:521 mg/kg JPMSAE 54,1041,65

WU7676300 SYDNONE, 3-(3-(DIMETHYLAMINO)PROPYL)-4-METHYL-, MONOHYDROCHLORIDE
UPDT:8402 MW: 22'.72 MOLFM: C8-H15-N3-O2 Cl-H
SYN: 3-(3-(DIMETHYLAMINO)PROPYL)-4-METHYLSYDNONE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F13F29 ipr-mus LD50:1700 mg/kg JPMSAE 54,1041,65

WU7676500 SYDNONE, 3-(3-(DIMETHYLAMINO)PROPYL)-, MONOHYDROCHLORIDE
UPDT:8402 MW: 207.69 MOLFM: C7-H13-N3-O2 Cl-H
SYN: 3-(3-(DIMETHYLAMINO)PROPYL)SYDNONE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11F13F29 ipr-mus LD50:1500 mg/kg JPMSAE 54,1041,65

WU7677320 SYDNONE IMINE, 3-BUTYL-, MONOHYDROCHLORIDE
UPDT:8402 MW: 178.67 MOLFM: C6-H12-N3-O Cl-H
SYN: 3-BUTYLSYDNONE IMINE MONOHYDROCHLORIDE * N-(BUTYL)-SYDONIMIN HYDROCHLORID (German)
TOXICITY DATA AND REFERENCES:
3E15F02F05 orl-mus LD50:230 mg/kg ABMGAJ 14,369,65

WU7677350 SYDNONE IMINE, 3-BUTYL-4-PHENYL-, MONOHYDROCHLORIDE
UPDT:8402 MW: 253.76 MOLFM: C12-H15-N3-O Cl-H
SYN: 3-BUTYL-4-PHENYLSYDNONE IMINE MONOHYDROCHLORIDE * N-(BUTYL)-C-(PHENYL)-SYDNONIMIN HYDROCHLORID (German)
TOXICITY DATA AND REFERENCES:
3E15F02F05 orl-mus LD50:137 mg/kg ABMGAJ 14,369,65

WU7677400 SYDNONE IMINE, N-CARBOXY-3-MORPHOLINO-, ETHYL ESTER
UPDT:8406 CAS: 25717-80-0 MW: 242.27 MOLFM: C9-H14-N4-O4
SYN: N-CARBOXY-3-MORPHOLINOSYDNONIMINE ETHYL ESTER * CORVATON * N-(ETHOXYCARBONYL)-3-(4-MORPHOLINYL)SYDNONE IMINE * MOLSIDOLAT * MOLSIDOMINE * MORIAL * MORSYDOMINE * MOTAZOMIN * SIN-10 * SYDNONE IMINE, N-(ETHOXYCARBONYL)-3-(4-MORPHOLINYL)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1050 mg/kg NIIRDN 6,858,82
* ipr-rat LD50:1250 mg/kg MEIEDD 10,892,83
* scu-rat LD50:1360 mg/kg MEIEDD 10,892,83
* ivn-rat LD50:800 mg/kg MEIEDD 10,892,83
* orl-mus LD50:830 mg/kg NIIRDN 6,858,82

WU7678000 SYDNONE IMINE, 3-CYCLOHEXYL-, MONOHYDROCHLORIDE
UPDT:8402 CAS: 29396-39-2 MW: 203.70 MOLFM: C8-H13-N3-O Cl-H
SYN: 3-CYCLOHEXYLSYDNONE IMINE MONOHYDROCHLORIDE * N-(ZYKLOHEXYL)-SYDNONIMIN HYDROCHLORID (German)
TOXICITY DATA AND REFERENCES:
3E15F02F05 orl-mus LD50:206 mg/kg ABMGAJ 14,369,65
ivn-mus LD50:70 mg/kg JMCMAR 14,1013,71

SYDNONE IMINE, N-(ETHOXYCARBONYL)-3-(4-MORPHOLINYL)- (9CI) see: WU7677400

WU7679200 SYDNONE IMINE, 3,3'-ETHYLENEBIS-, DIHYDROCHLORIDE
UPDT:8402 MW: 269.12 MOLFM: C6-H8-N6-O2 2Cl-H
SYN: 1,2-BIS-(N,N'-SYDNONIMIN)-AETHAN DIHYDROCHLORID (German) * 3,3'-ETHYLENEBIS(SYDNONE IMINE) DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3E15F02F05 orl-mus LD50:403 mg/kg ABMGAJ 14,369,65

WU7679800 SYDNONE IMINE, 3-(o-METHOXYPHENYL)-, MONOHYDROCHLORIDE
UPDT:8402 MW: 227.67 MOLFM: C9-H9-N3-O2 Cl-H
SYN: 3-(o-METHOXYPHENYL)SYDNONE IMINE MONOHYDROCHLORIDE * N-(o-METHOXYPHENYL)-SYDNONIMIN HYDROCHLORID (German)
TOXICITY DATA AND REFERENCES:
3E15F02F05 orl-mus LD50:196 mg/kg ABMGAJ 14,369,65

WU7689700 SYDNONE IMINE, 3-(m-TOLYL)-, MONOHYDROCHLORIDE
UPDT:8402 MW: 211.67 MOLFM: C9-H9-N3-O Cl-H
SYN: 3-(m-TOLYL)SYDNONE IMINE MONOHYDROCHLORIDE * N-(m-TOLYL)-SYDNONIMIN HYDROCHLORID (German)
TOXICITY DATA AND REFERENCES:
3E15F02F05 orl-mus LD50:417 mg/kg ABMGAJ 14,369,65

WU7690000 SYDNONE, 3-ISOPROPYL-
UPDT:8403 CAS: 6939-17-9 MW: 130.17 MOLFM: C5-H10-N2-O2
SYN: 3-ISOPROPYLSYDNONE * SYDNONE, 3-(1-METHYLETHYL)-
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:488 mg/kg JPMSAE 51,1058,62

WU7690100 SYDNONE, 4-ISOPROPYL-3-PHENYL-
UPDT:8402 MW: 204.25 MOLFM: C11-H12-N2-O2
SYN: 4-ISOPROPYL-3-PHENYLSYDNONE * N-(PHENYL)-C-(ISOPROPYL)-SYDNON (German)
TOXICITY DATA AND REFERENCES:
3E15F02F05 orl-mus LD50:347 mg/kg ABMGAJ 14,369,65

WU7690200 SYDNONE, 4-ISOPROPYL-3-(p-TOLYL)-
UPDT:8402 MW: 218.28 MOLFM: C12-H14-N2-O2
SYN: 4-ISOPROPYL-3-(p-TOLYL)SYDNONE * N-(p-TOLYL)-C-(ISOPROPYL)-SYDNON (German)
TOXICITY DATA AND REFERENCES:
3E15F02F05 orl-mus LD50:611 mg/kg ABMGAJ 14,369,65

WU7690300 SYDNONE, 3-(p-METHOXYPHENYL)-
UPDT:8402 MW: 192.19 MOLFM: C9-H8-N2-O3
SYN: N-(p-METHOXYPHENYL)-SYDNON (German) * 3-(p-METHOXYPHENYL)SYDNONE
TOXICITY DATA AND REFERENCES:
3E15F02F05 orl-mus LD50:461 mg/kg ABMGAJ 14,369,65

SYDNONE, 3-(1-METHYLETHYL)- see: WU7690000

WU7690400 SYDNONE, 4-METHYL-3-PHENYL-
UPDT:8402 MW: 164.18 MOLFM: C8-H8-N2-O2
SYN: 4-METHYL-3-PHENYLSYDNONE * N-(PHENYL)-C-(METHYL)-SYDNON (German)
TOXICITY DATA AND REFERENCES:
3E15F02F05 orl-mus LD50:476 mg/kg ABMGAJ 14,369,65

WU7690500 SYDNONE, 4-METHYL-3-(2-PIPERIDINOETHYL)-, MONOHYDROCHLORIDE
UPDT:8402 MW: 247.76 MOLFM: C10-H17-N3-O2 Cl-H
SYN: 4-METHYL-3-(2-PIPERIDINOETHYL)SYDNONE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3D28F17F18 ipr-mus LD50:580 mg/kg JPMSAE 54,1041,65

WU7690600 SYDNONE, 4-METHYL-3-(2-(1-PYRROLIDINYL)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8402 MW: 233.73 MOLFM: C9-H15-N3-O2 Cl-H
SYN: 4-METHYL-3-(2-(1-PYRROLIDINYL)ETHYL)SYDNONE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11F13F29 ipr-mus LD50:479 mg/kg JPMSAE 54,1041,65

WU7690700 SYDNONE, 4-METHYL-3-(m-TOLYL)-
UPDT:8402 MW: 190.22 MOLFM: C10-H10-N2-O2
SYN: 4-METHYL-3-(m-TOLYL)SYDNONE * N-(m-TOLYL)-C-(METHYL)SYDNON (German)
TOXICITY DATA AND REFERENCES:
3E15F02F05 orl-mus LD50:456 mg/kg ABMGAJ 14,369,65

WU7690800 SYDNONE, 4-METHYL-3-(p-TOLYL)-
UPDT:8402 MW: 190.22 MOLFM: C10-H10-N2-O2
SYN: 4-METHYL-3-(p-TOLYL)SYDNONE * N-(p-TOLYL)-C-(METHYL)-SYDNON (German)
TOXICITY DATA AND REFERENCES:
3E15F02F05 orl-mus LD50:800 mg/kg ABMGAJ 14,369,65

WU7690900 SYDNONE, 3-(2-MORPHOLINOETHYL)-4-PHENYL-, MONOHYDROCHLORIDE
UPDT:8402 MW: 311.80 MOLFM: C14-H17-N3-O3 Cl-H
SYN: 3-(2-MORPHOLINOETHYL)-4-PHENYLSYDNONE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F13F17F18 ipr-mus LD50:371 mg/kg JPMSAE 54,1041,65

WU7691000 SYDNONE, 4-NITRO-3-(o-TOLYL)-
UPDT:8402 MW: 221.19 MOLFM: C9-H7-N3-O4
SYN: 4-NITRO-3-(o-TOLYL)SYDNONE * N-(o-TOLYL)-C-NITROSYDNON (German)
TOXICITY DATA AND REFERENCES:
3E15F02F05 orl-mus LD50:730 mg/kg ABMGAJ 14,369,65

WU7691500 SYDNONE, 3-OCTYL-
UPDT:8403 MW: 200.32 MOLFM: C10-H20-N2-O2
SYN: 3-OCTYLSYDNONE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:62 mg/kg JPMSAE 51,1058,62

WU7692500 SYDNONE, 3-PHENYL-
UPDT:8406 CAS: 120-06-9 MW: 162.16 MOLFM: C8-H6-N2-O2
SYN: PHENYLSYDNONE
MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/L CNREA8 39,682,79
mmo-sat 10 mg/L RCOCB8 16,523,77
mmo-esc 40 mg/L CNREA8 39,682,79
mmo-esc 50 mg/L RCOCB8 16,523,77
dns-rat:lvr 500 umol/L ENMUDM 3,11,81
msc-mus:lym 125 mg/L MUREAV 125,291,84

WU7693100 SYDNONE, 4-PHENYL-3-(2-PIPERIDINOETHYL)-, MONOHYDROCHLORIDE
UPDT:8402 MW: 309.83 MOLFM: C15-H19-N3-O2 Cl-H
SYN: 4-PHENYL-3-(2-PIPERIDINOETHYL)SYDNONE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F13F29 ipr-mus LD50:260 mg/kg JPMSAE 54,1041,65

WU7693500 SYDNONE, 4-PHENYL-3-(2-(1-PYRROLIDINYL)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8402 MW: 295.80 MOLFM: C14-H17-N3-O2 Cl-H
SYN: 4-PHENYL-3-(2-(1-PYRROLIDINYL)ETHYL)SYDNONE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F13F29 ipr-mus LD50:169 mg/kg JPMSAE 54,1041,65

WU7693800 SYDNONE, 3-(2-PIPERIDINOETHYL)-, MONOHYDROCHLORIDE
UPDT:8402 MW: 233.73 MOLFM: C9-H15-N3-O2 Cl-H
SYN: 3-(2-PIPERIDINOETHYL)SYDNONE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F13F29 ipr-mus LD50:360 mg/kg JPMSAE 54,1041,65

WU7694000 SYDNONE, 3-PROPYL-
UPDT:8402 MW: 130.17 MOLFM: C5-H10-N2-O2
SYN: 3-PROPYLSYDNONE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:243 mg/kg JPMSAE 51,1058,62

WU7694200 SYDNONE, 3-(2-(1-PYRROLIDINYL)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8402 MW: 219.70 MOLFM: C8-H13-N3-O2 Cl-H
SYN: 3-(2-(1-PYRROLIDINYL)ETHYL)SYDNONE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3A11F07F17 ipr-mus LD50:540 mg/kg JPMSAE 54,1041,65

WU7694300 SYDNONE, 3-(m-TOLYL)-
UPDT:8402 MW: 177.20 MOLFM: C9-H9-N2-O2
SYN: N-(m-TOLYL)-SYDNON (German) * 3-(m-TOLYL)SYDNONE
TOXICITY DATA AND REFERENCES:
3E15F02F05 orl-mus LD50:496 mg/kg ABMGAJ 14,369,65

WU7694400 SYDNONE, 3-(o-TOLYL)-
UPDT:8402 MW: 177.20 MOLFM: C9-H9-N2-O2
SYN: N-(o-TOLYL)-SYDNON * 3-(o-TOLYL)SYDNONE
TOXICITY DATA AND REFERENCES:
3E15F02F05 orl-mus LD50:328 mg/kg ABMGAJ 14,369,65

WU7694500 SYDNONE, 3-(p-TOLYL)-
UPDT:8404 MW: 131.19 MOLFM: C9-H9-N
SYN: N-(p-TOLYL)-SYDNON (German) * 3-(p-TOLYL)SYDNONE
TOXICITY DATA AND REFERENCES:
3E15F02F05 orl-mus LD50:753 mg/kg ABMGAJ 14,369,65

SYGETHIN see: DT4391250
SYGETIN see: DT4391250
SYKOSE see: DE4200000
SYKOSE see: DE4550000
SYLANTOIC see: MU1050000
SYLANTOIC see: MU1400000
SYLLIT see: MF1750000
SYLTHERM 800 see: VW3370000
SYLVAN see: LU2625000 FURAN, 2-METHYL-
SYLVIC ACID see: TP8580000
SYMAZINE see: XY5250000
SYMBIO see: WO9030000
SYMCLOSEN see: XZ1925000
SYMCLOSENE see: XZ1925000
SYMETRA see: QE2450000
SYMETRYCZNA DWUMETYLOHYDRAZYNA (Polish) see: MV2625000
SYMMETRIC DIMETHYLUREA see: YS9868000
SYMETRYNE see: XY4025000
SYMMETREL see: AU4375000
SYMMETREL see: YD1925000
SYMMETRICAL TRIPHENYLBENZENE see: WZ6530000
SYMPAMETIN see: SI1750000
SYMPAMIN see: SI1400000
SYMPAMINA-D see: SI1400000
SYMPAMINE see: SI1750000
SYMPAMINE see: SH9450000
SYMPATEDRINE see: SH9450000
SYMPATEDRINE see: SI1750000
SYMPATEKTOMAN see: BS5950000
SYMPATHIN I see: DO2625000
SYMPATHIN E see: DN5950000
SYMPATHOL see: DO7350000
m-SYMPATHOL see: DO7175000
m-SYMPATHOL see: DO7525000
SYMPATHOLYTIN see: HQ6650000
SYMPATHOLYTIN see: HQ6825000
SYMPATOL see: DO7350000
m-SYMPATOL see: DO7175000
SYMPHYTINE see: EM9252500

WV0380000 SYMPHYTUM OFFICINALE L., leaves
UPDT:8403
SYN: RUSSIAN COMFREY LEAVES
TUMORIGENIC DATA AND REFERENCES:
3V01L60M60 orl-rat TDLo:4800 gm/kg/86W-C JJIND8 61,865,78
3V01L60M60 orl-rat TD :9900 gm/kg/86W-C JJIND8 61,865,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WV0390000 SYMPHYTUM OFFICINALE L., roots
UPDT:8404
SYN: RUSSIAN COMFREY ROOTS
TUMORIGENIC DATA AND REFERENCES:
3V01L60M60 orl-rat TDLo:140 gm/kg/43W-I JJIND8 61,865,78
3V01L60M60 orl-rat TD :91 gm/kg/52W-C JJIND8 61,865,78
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PPTCBY 9,79,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WV0400000 SYMPLOCOS GARDNERIANA Wight var. HEHENACHERI Hook. f., extract excluding roots
DEF:Indian plant belonging to the family SYMPLOCACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

WV0401000 SYMPLOCOS RACEMOSA Roxb., extract excluding roots
DEF:Indian plant belonging to the family SYMPLOCACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

WV0415000 SYMPLOCOS LAURINA (Retz) Wall., extract excluding roots
DEF:Indian plant belonging to the family SYMPLOCACEAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

SYMPOCAIN see: DG1501000
SYMPOCAINE see: DG1501000
SYMPOCAINE see: DG1502700
SYMPOCAINE HYDROCHLORIDE see: DG1502700
SYMPTOM 2 see: UL5950000
SYMULER EOSIN TONER see: LM5850000
SYMULER FAST SCARLET 4R see: QK4247000
SYMULER FAST YELLOW GF see: AK4580000
SYMULER LAKE RED C see: DB5500000
SYMULER ORANGE LAKE 43 see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
SYMULEX MAGENTA F see: BP3675000
SYMULEX PINK F see: BP3675000
SYMULEX RHODAMINE B TONER F see: BP3675000
SYMULON ACID BRILLIANT SCARLET 3R see: QJ6530000
SYMULON ACID FAST YELLOW MR see: DV3910000
SYMULON ACID ORANGE II see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
SYMULON METANIL YELLOW see: DB7329500
SYMULON RED 3GL SALT see: BX1575000
SYMULON SCARLET G BASE see: XU8225000
SYNADRIN see: SH6480000
SYNA[illegible] see: TU3830000
SYNALGOS see: SO6825000
SYNALGOS-DC see: AM4375000
SYNALOGOS see: AM4375000
SYNAMOL see: TU3830000
SYNANCEJA HORRIDA Linn. VENOM see: YX4532000
SYNANDONE see: TU3830000
SYNANDRETS see: BV8400000
SYNANDROL see: XA3115000
SYNANDROL F see: XA3030000
SYNANDRONE see: TU3830000
SYNANDROTABS see: BV8400000
SYNANTHIC see: FD0808000
SYNAPAUSE see: KG8225000
SYNAPHORIN see: MD6953000
SYNASAL see: DO7525000
SYNASTERON see: BV8060000
SYNATE see: CP9800000
SYNCAINE see: DG2275000
SYNCAL see: DE4200000
SYNCELOSE see: FJ5959000
SYNCHRO-MATE see: TU5024000
SYNCHROMATE ORANGE AOR see: VO5310000
SYNCL see: XI0350000
SYNCORT see: HG0525000
SYNCORTA see: HG0525000
SYNCORTYL see: HG0525000
SYNCOUMAR see: GN4900000
SYNCUMAR see: GN4900000
SYNCURARINE see: BS1100000
SYNCURINE see: BP5950000
SYNDIOL see: KG2975000
SYNDIOTACTIC POLYPROPYLENE see: UD1842000
SYNDROX see: SH5075000
SYNDROX see: SH5425000
SYNELAUDINE see: NS5950000
SYNEPHRIN see: DO7350000
SYNEPHRINE see: DO7350000
m-SYNEPHRINE see: DO7175000
p-SYNEPHRINE see: DO7350000
SYNERGID R see: DG9400000
SYNERGIST 264 see: RB8575000
SYNERONE see: XA3115000
SYNESTRIN see: WJ5600000
SYNESTRIN see: WJ5775000
SYNESTROL see: SL0560850
SYNESTROL see: SL0580000
SYNETHENATE see: DO7525000
SYNGESTERONE see: TW0175000
SYNGESTRETS see: TW0175000
SYNGESTROTABS see: TU5570250

WV3788000 SYNGONIUM PODOPHYLLUM Schott, var. ALBO-VIRENS, leaf or stem extract
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:30 gm/kg JTEHD6 1,939,76
* orl-mus LDLo:2857 mg/kg JTEHD6 1,939,76

SYNGUM D 46D see: MG0185000
SYNGYNON see: TU5085000
SYNISTAMIN see: US6475000
SYNKAMIN see: QL3350000
SYNKAMIN BASE see: QL3350000
SYNKAY see: QL9100000
SYNKLOR see: PB9800000
SYNMIOL see: YU7700000
SYNOESTRON see: WJ5775000
SYNOTOL L-60 see: JR1925000
SYNOVEX S see: TW0175000
SYNOX 5LT see: PA3500000
SYNOX TBC see: UX1400000
SYNPENIN see: XH8350000
SYNPERONIC NX see: AX0247000
SYNPERONIC OP see: MD0907600
SYNPERONIC OP 10 see: MD0907600
SYNPITAN see: RS7534000
SYNPOL 1500 see: WL6478000
SYNPOR see: QW0970000
SYNPREN-FISH see: XS8050000
SYNPRO STEARATE see: ZH5200000
SYNREX see: GA4763000
SYNSAC see: TU3830000
SYNSATEDRINE see: SI1750000
SYNSTIGMIN BROMIDE see: BR3150000
SYNTARPEN see: XH8925000
SYNTASE 62 see: DJ1575000
SYNTASE 100 see: DJ0700000
SYNTEDRIL see: KR6825000
SYNTEN YELLOW 2G see: AC3662000

SYNTES 12A see: AH5075000
SYNTESTRIN see: WJ5775000
SYNTESTRINE see: WJ5775000
SYNTETRIN NITRATE see: QI9175000
SYNTEXAN see: PV6210000
SYNTHARSOL see: CF8600000
SYNTHEMUL 90-588 see: AT4680000
SYNTHENATE see: DO7350000
SYNTHETIC 3956 see: XW5250000
SYNTHETIC BRADYKININ see: EE1530000
SYNTHETIC EUGENOL see: SJ4375000
SYNTHETIC GLYCERIN see: MA8050000
SYNTHETIC INDIGO see: DU2988400
SYNTHETIC INDIGO TS see: DU2988400
SYNTHETIC IRON OXIDE see: NO7400000
SYNTHETIC LH-RH see: OK6372000
SYNTHETIC MUSTARD OIL see: NX8225000
SYNTHETIC OXYTOCIN see: RS7534000
SYNTHETIC PYRETHRINS see: GZ1925000
SYNTHETIC WINTERGREEN OIL see: VO4725000
SYNTHILA see: WJ5400000
SYNTHOESTRIN see: WJ5600000
SYNTHOFOLIN see: WJ5600000
SYNTHOMYCETIN see: AB6825000
SYNTHOMYCETINE see: AB6825000
SYNTHOMYCINE see: AB6825000
SYNTHOPHYLLINE see: XH5100000
SYNTHOSTIGMINE BROMIDE see: BR3150000
SYNTHOSTIGMINE METHYL SULFATE see: CY1225000
SYNTHOVO see: SL0560850
SYNTHRIN see: GZ1310000
SYNTOCIN see: RS7534000
SYNTOCINON see: RS7534000
SYNTOCINONE see: RS7534000
SYNTODRIL see: KR6825000
SYNTOFOLIN see: WJ5600000
SYNTOLUTAN see: TW0175000
SYNTOMETRINE see: KE5075000
SYNTON YELLOW 2G see: AC3662000
SYNTOPHEROL see: DJ2900000
SYNTOPRESSIN see: YW8659000
SYNTOSTIGMIN BROMIDE see: BR3150000
SYNTOSTIGMINE BROMIDE see: BR3150000
SYNTOSTIGMINE METHYL SULFATE see: CY1225000
SYNTOSTIGMIN METHYL SULFATE see: CY1225000
SYNTOSTIGMIN (TABLET) see: BR3150000
SYNTROGENE see: SL0560850
SYNTHROID see: XP3583000
SYNTHROID SODIUM see: XP3583000

WV7600000 SYNTOX 12
UPDT:8402 CAS: 66106-01-2
SYN: SINTOX-12
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 ihl-rat TCLo:60 mg/m3/4H (17W male) GISAAA 47(12),75,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

SYNTROM see: GN4900000
SYNTRON B see: AH5075000
SYNTROPAN see: YM8400000
SYPHOS see: TD5600000
SYRAP see: GA6475000
SYRAPRIM see: UV8225000

WV8060000 SYRINGA EMODI Wall., extract excluding roots
DEF:Indian plant belonging to the family OLEACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: TWORSING EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

SYRINGIC ACID ETHYL CARBONATE ester with METHYL RESERPATE see: ZG0175000
SYRINGOPINE see: ZG0175000
SYTON VIOLET R see: GE4518000
SYROSINGOPIN see: ZG0175000
SYROSINGOPINE see: ZG0175000

WV8355000 SYSIMBRIUM COLUMNE Jacq., extract
DEF:Indian plant belonging to the family CRUCIFERAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

SYS 67ME see: AG2625000
SYS 67MPROP see: UF0250000
SYSTAM see: UX5950000
SYSTAMEX see: FD0808000
SYSTEMOX see: TF3150000
SYSTODIN see: VA5950000
SYSTOPHOS see: UX5950000
SYSTOX see: TF3150000
SYSTRAL see: KR2975000
SYTAM see: UX5950000
SYTASOL see: FF9100000
SYTOBEX see: GG3750000
SYTON FAST RED 2G see: QL3854000
SYTON FAST RED R see: QL3436000
SYTON FAST SCARLET RB see: QK4247000
SYTON FAST SCARLET RD see: QK4247000
SYTON FAST SCARLET RN see: QK4247000
SYTRON see: AH4900000

WV8829000 SYZYGIUM CARYOPHYLLUM Gaertn., extract excluding roots
DEF:Indian plant belonging to the family MYRTACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2M10Y55 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

WV8829050 SYZYGIUM CERASOIDES (Roxb.) Chatt. & Kanjilal, extract excluding
DEF:Indian plant belonging to the family MYRTACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1N22 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

WV8829100 SYZYGIUM CUMINI (Linn.) Skeels, extract excluding roots
DEF:Indian plant belonging to the family MYRTACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: JAMUN, extract
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

WV8829200 SYZYGIUM HEMISPHERICUM (Walp.) Alston., extract excluding roots
DEF:Indian plant belonging to the family MYRTACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

WV8830010 SYZYGIUM HEYNEANUM Wall., stem bark extract
DEF:Indian plant belonging to the family MYRTACEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: KATH-JAMUN STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

SZA1 see: LZ5773000
SZESCIOMETYLENODWUIZOCYJANIAN (Polish) see: MO1740000
SZKLARNIAK see: TC0350000
SZ NP see: AT6970000
alpha-T see: KJ2975000
beta-T see: KJ3150000
T(sub 3) see: AY6750000
T-2 see: DH7700000
T3 see: AY6750000
T4 see: XY9450000
T4 see: YP2833500
T10 see: MU0977000
T-32 see: FB8050000
T 40 see: XR1700000
T45 see: MD0907600
T-47 see: TF4550000
T 72 see: YR1400000
T 101 see: YU1610000
T-113 see: ET0175000
T-125 see: QI8750000
T-144 see: TA8400000
2,4,5-T see: AJ8400000
T830 see: AE4315000
T838 see: QE9275800
864T see: UB6621000
T 1072 see: AB7068500
T-1088 see: BR4550000
T-1122 see: BR4200000
T-1125 see: BR3700000
T 1137 see: AB4838500
T 1138 see: AB8450000
T 1139 see: QD6480800
T 1140 see: TM3508110
T 1141 see: AB4838700
T 1142 see: QD6475100
T 1143 see: TM3505090
T-1194 see: BR2030000
T 1220 see: XI0180000
T-1690 see: BR3200000
T-1703 see: TE5075000
T-1708 see: BR6300000
T-1740 see: BR6200000
T-1767 see: BR6400000
T-1768 see: FC0528000
T-1770 see: FC0730000
T-1842 see: FB5710000
T-1937 see: VC4000000
T-1972 see: FC7660000
T-1973 see: VC3980000
T-1982 see: XI0373500
T-2002 see: TD4025000
T-2104 see: TB4550000
T-2106 see: TA8400000
T 2908 see: AT6970000
T-3018 see: AU7400000
T 4500 see: AT6970000
T-4925 see: UU6855500
79T61 see: XO1605800
T 36496 see: CB9756350
T-41575 see: CV2309000
T-42082 see: CB9376436
TA 3 see: UD1842000
T 8A see: KX4025000
TA 12 see: WZ0875000
TAA see: AC8925000
TAA see: AI6200000
TA-AZUR see: XY8577000
TABALGIN see: AE4200000

WV9650000 TABASCO HOT PEPPER SAUCE
DEF:Produced by the McILHENNY Company, New Iberia, Louisiana (DCTODJ 5,89,82)
UPDT:8311
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg MLD DCTODJ 5,89,82
eye-rbt 100 mg MOD DCTODJ 5,89,82
TOXICITY DATA AND REFERENCES:
3F07J26U26 orl-rat LD50:20 gm/kg DCTODJ 5,89,82

TABATREX see: WM6250000
TABERSONIN see: CJ0150000
TABERSONINE see: CJ0150000
(-)-TABERSONINE see: CJ0150000
TABILIN see: XH9700000
TABLE SALT see: VZ4725000
TABLOID see: UP0740000
TABUN see: TB4550000
TABUTREX see: WM6250000
TAC 121 see: XR1924000
TAC 131 see: XR1924000
TACARYL see: SP3150000
TACARYL see: SP2975000
TACAZYL see: SP2975000
TACE see: KV0600000
TACE-FN see: KV0600000
TACHIGAREN see: NY2932000
TACHIONIN see: DK8925000
TACHMALIN see: AX8050000
TACITIN see: KJ4550000
TACKLE see: DF8195000
TACOL see: AM4375000

TACOSAL see: MU1050000
TACOSAL see: MU1400000
TACP see: YK8050000
TACRYL see: SP2975000
TACTARAN see: XO1050000
TACUMIL see: UV8240000
TAD see: XH5600000
TAENIATOL see: SM0175000
TAE3S and LAS see: DB4727000
TAFASAN see: OW0875000
TAFASAN 6W see: OW0875000
TAFAZINE see: XY5250000
TAFAZINE 50-W see: XY5250000
TA-1067-F-II see: OE6000000
TAG see: OV6475000
TAG-39 see: GL1224000
TAG 331 see: OV6475000
TAGAMET see: MF0035500
TAGAT see: AZ5820000
TAGATHEN see: US7350000

WW1500000 TAGETES MINUTA Linn., seed extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1F07 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

WW1560000 TAGETES OIL
DEF:Found in various species of TAGETES, particularly T. GLANDULIFERA (FCTOD7 20(Suppl),829,82)
UPDT:8305
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTOD7 20(Suppl),829,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3700 mg/kg FCTOD7 20(Suppl),829,82
* ipr-rat LD50:450 mg/kg FCTOD7 20(Suppl),829,82

TAG FUNGICIDE see: OV6475000
TAG HL 331 see: OV6475000
TAGN see: MF6682000
TAHMABON see: TB4970000
TAI 129 see: GZ1227000
TAI 254 see: AF9273000
TAI 255 see: UE8945000
TAI 276 see: GZ1227600
TAI 278 see: AG6460000
TAI 284 see: NK4503000 1-INDANCARBOXYLIC ACID, 6-CHLORO-5-CYCLOHEXYL-
TAI-284 see: NK4510000
d-TAI-284 see: NK4505000
dl-TAI 284 see: NK4510000
(+-)-TAI 284 see: NK4510000
TAI 288 see: GY2626000
TAI 354 see: GZ1227300
TAI 403 see: GZ1227900
TAI 404 see: GZ1228200
TAIFEN see: ZH4950000
TAIGUIC ACID see: QL8750000
TAIGU WOOD see: QL8750000
TAIPAN VENOM see: YX4533000
TAIRYLAN, combustion products see: AT6975000
TAJMALIN see: AX8050000
TAK see: WM8400000
TAKAMINA see: DO2625000
TAKAMINE see: DO2625000
TAKANARUMIN see: UR0785000
TAKAOKA ACID RED RS see: QJ6478000
TAKAOKA AMARANTH see: QJ6550000
TAKAOKA BRILLIANT SCARLET 3R see: QJ6530000
TAKAOKA METANIL YELLOW see: DB7329500
TAKAOKA RHODAMINE B see: BP3675000
TAKATHENE see: TQ3325000
TAKATHENE P 3 see: TQ3325000
TAKATHENE P 12 see: TQ3325000
TAKILON see: KV0350000
TAKIMETOL see: NI5600000
TAKTIC see: ZF0480000
TAKUS see: EV5700000
TAKYCOR see: AX8050000
TALADREN see: AG6600000
TALAN see: FF9100000
TALARGAN see: TI4375000
TALASTINE HYDROCHLORIDE see: TH9200000
TALATROL see: TY2900000
TALBOT see: CG0980000
TALBUTAL see: CP8225000

WW2710000 TALC (powder)
UPDT:8412 CAS: 14807-96-6 MW: 96.33 MOLFM: H2-03-Si .3/4Mg
SYN: AGALITE * AGI TALC, BC 1615 * ALPINE TALC USP, BC 127 * ALPINE TALC USP, BC 141 * ALPINE TALC USP, BC 662 * ASBESTINE * CI 77718 * DESERTALC 57 * EMTAL 596 * FIBRENE C 400 * LO MICRON TALC USP, BC 2755 * LO MICRON TALC 1 * LO MICRON TALC, BC 1621 * METRO * METRO TALC 4604 * METRO TALC 4608 * METRO TALC 4609 * MISTRON FROST P * MISTRON RCS * MISTRON 2SC * MISTRON STAR * MISTRON SUPER FROST * MISTRON VAPOR * MP 12-50 * MP 25-38 * MP 45-26 * NO. 907 METRO TALC * NCI-C06008 * NYTAL * OOS * OXO * PURTALC USP * SIERRA C-400 * SNOWGOOSE * STEAWHITE * SUPREME * SUPREME DENSE * TALCUM
IRRITATION DATA AND REFERENCES:
skn-hmn 300 ug/3D-I MLD 85DKA8 -,127,77
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ihl-rat TCLo:11 mg/m3/1Y-I 43GRAK -,389,79
2V03V10 imp-rat TDLo:200 mg/kg JJIND8 67,965,81
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg/m3 DTLVS* 4,381,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 20 mppcf (SCP-R) FEREAC 39,23540,74
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL - 355
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TALCORD see: GZ1255000
TALCULIN Z see: ZH5200000
TALCUM see: WW2710000
TALIBLASTIN see: HQ1775000
TALIBLASTINE see: HQ1775000
TALIMOL see: TI4375000
TALINOLOL see: YS7594200
(+-)-TALINOLOL see: YS7594200
TALISOMYCIN see: EC5990300
TALISOMYCIN A see: EC5990300
TALISOMYCIN B see: EC5990890
TALISOMYCIN S(sub 2b) see: EC5991010
TALISOMYCIN S(sub 10b) see: EC5990450
TALLOW ALKYL ETHOXYLATE SULFATE and LINEAR ALKYLBENZENE SULFONATE see: DB4727000

WW3150000 TALLOW AMINES,POLYOXYETHYLENE derivs
DEF:DEF:is N,N-BIS(2-HYDROXYETHYL)alkyl(C14-C18)AMINE, in which the alkyl moiety consists ofTETRADECYL(3%), HEXADECYL(26%), OLEYL(40%) and OCTADECYL(31%) groups (FCTXAV 8,249,70)
UPDT:8306
SYN: CHEMEEN T SERIES * KATAPOL PN-430 * KATAPOL PN-730 * KATAPOL PN-810 * POLYOXYETHYLENE(2) TALLOWAMINE * TRYMEEN TAM SERIES
IRRITATION DATA AND REFERENCES:
skn-rat 100 pph FCTXAV 8,249,70
eye-rbt 50 mg FCTXAV 8,249,70
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1850 mg/kg FCTXAV 8,249,70

TALLOW BENZYL DIMETHYL AMMONIUM CHLORIDE see: BO7000000
(TALLOW)TRIMETHYLAMMONIUM CHLORIDE see: BT2670000
N-TALLOW-TRIMETHYLAMMONIUM SURFACTANT see: BT2670000
TALLYSOMYCIN A see: EC5990300
TALLYSOMYCIN B see: EC5990890
TALLYSOMYCIN S(sub 10b) see: EC5990450
TALLYSOMYCIN S(sub 1a) COPPER COMPLEX see: EC5990960
TALLYSOMYCIN S(sub 2a) COPPER COMPLEX see: EC5990910
TALLYSOMYCIN S(sub 6a) COPPER COMPLEX see: EC5990930
TALLYSOMYCIN S(sub 8a) COPPER COMPLEX see: EC5990900
TALLYSOMYCIN S(sub 10a) COPPER COMPLEX see: EC5990400
TALLYSOMYCIN S(sub 11a) COPPER COMPLEX see: EC5990950
TALLYSOMYCIN S(sub 1b) COPPER COMPLEX see: EC5990970
TALLYSOMYCIN S(sub 2b) COPPER COMPLEX see: EC5991080
TALLYSOMYCIN S(sub 3b) COPPER COMPLEX see: EC5990920
TALLYSOMYCIN S(sub 4b) COPPER COMPLEX see: EC5990940
TALLYSOMYCIN S(sub 5b) COPPER COMPLEX see: EC5991120
TALLYSOMYCIN S(sub 6b) COPPER COMPLEX see: EC5991110
TALLYSOMYCIN S(sub 7b) COPPER COMPLEX see: EC5990990
TALLYSOMYCIN S(sub 8b) COPPER COMPLEX see: EC5990980
TALLYSOMYCIN S(sub 9b) COPPER COMPLEX see: EC5991100
TALLYSOMYCIN S(sub 11b) COPPER COMPLEX see: EC5991130
TALLYSOMYCIN S(sub 13b) COPPER COMPLEX see: EC5991140
TALMON see: UQ1050000
TALODEX see: TF9625000
TALON see: GN4934750
TALON RODENTICIDE see: GN4934750
TALPHENO see: CQ6825000
TALSIS see: DM3325000
TALUCARD see: UK6650000
TALUSIN see: UK6650000
TALWAN see: PB8750000
TALWIN see: PB8750000
TAMAHSIN EXTRACT (Indian) see: VI9456700
TAMALPATRA EXTRACT (Indian) see: GE1420000

WW3851000 TAMARIX DIOICA Roxb., root extract
DEF:Indian plant belonging to the family TAMARICACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: JHAU ROOT EXTRACT
TOXICITY DATA AND REFERENCES:
2H30U26 ipr-mus LD50:500 mg/kg IJEBA6 7,250,69

TAMARIZ see: EZ7260000
TAMARON see: TB4970000
TAMAS see: NK7875000
TAMATE see: TZ0175000
TAMCHA see: GU8400000
TAMETIN see: MF0035500
TAMEX see: BW9500000 ANILINE, N-sec-BUTYL-4-tert-BUTYL-2,6-DINITRO-
TAMILAN see: RY1105000
TAMILAN MONOHYDRATE see: RY1200000
TAMOXIFEN see: KR5919600
TAMOXIFEN CITRATE see: KH2387000
TA-33MP see: WZ0875000
TAMPOVAGAN STILBOESTROL see: WJ5600000
TAMRAGHOL see: GL7020000

WW3948000 TAMUS COMMUNIS L., root extract
DEF:Italian plant belonging to the family DIOSCOREACEAE (JETHDA 8,321,83)
UPDT:8409
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:800 mg/kg JOETD7 8,321,83

TANAFOL see: XJ1050000
TANAGER RED X-761 see: QL3436000
TANAKAN see: VB2360000
TANAKAN see: VB2450000
TANAMICIN see: QI8925000
TANDACOTE see: UQ8400000
TANDALGESIC see: UQ8400000
TANDEARIL see: UQ8400000
TANDERAL see: UQ8400000
TANDERIL see: UQ8400000
TANDEX see: EY9980000
TANGANTANGAN OIL see: FI4100000
TANGARINE LAKE X-917 see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO), MONOSODIUM SALT

WW4460000 TANGELO OIL
UPDT:8401 CAS: 72869-73-9
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),831,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WW4480000 TANGERINE OIL
UPDT:8305 CAS: 8016-85-1
IRRITATION DATA AND REFERENCES:
skn-mus 100% FCTXAV 16,873,78
skn-rbt 500 mg/24H FCTXAV 16,873,78
skn-pig 100% FCTXAV 16,873,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TANG EXTRACT (Indian) see: VJ0588100
TCNP SODIUM SALT see: UD1922000
TANIDIL see: SO6825000
TANICAINE see: AD0350000
TANIPENT see: RZ2620000
TANNEX see: NL3500000

WW5075000 TANNIC ACID
UPDT:8408 CAS: 1401-55-4 MW: 1701.28 MOLFM: C76-H52-O46
SYN: ACID, TANNIC * D'ACIDE TANNIQUE (French) * GALLOTANNIC ACID * GALLOTANNIN * GLYCERITE * TANNIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T72T81	orl-rat TDLo:112 gm/kg (49D pre/1-21D preg)	CRSBAW 172,470,78
1T12	scu-rat TDLo:5 mg/kg (1D pre)	ENDOAO 57,466,55
3T72T75T76	orl-mus TDLo:1478 gm/kg (11W male/11W pre)	CPGPAY 4,393,73

TUMORIGENIC DATA AND REFERENCES:

2V01L04L30	scu-rat TDLo:4450 mg/kg/17W-I	AMSHAR 3,353,53
2V03L60	scu-mus TDLo:750 mg/kg/12W-I	BJCAAI 14,147,60
3V03L04U01	scu-rat TDLo:3750 mg/kg/I	BAFEAG 37,52,50
2V03L60	scu-rat TDLo:4250 mg/kg/17W-I	AMSHAR 1,37,51
3V03L30L60	scu-rat TDLo:4286 mg/kg/20W-I	AMSHAR 1,37,51

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:200 mg/kg	WKWOAO 62,270,50
	scu-rat LDLo:200 mg/kg	WKWOAO 62,270,50
*	par-rat LDLo:1400 mg/kg	FCTXAV 14,565,76
	orl-mus LDLo:2000 mg/kg	JPETAB 77,63,43
	scu-mus LDLo:75 mg/kg	JPETAB 77,63,43
	ivn-mus LDLo:10 mg/kg	JPETAB 77,63,43
2K05J16	orl-rbt LD50:5000 mg/kg	AJVRAH 23,1264,62

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IJMDAI 10(4),416,74; CNREA8 19,501,59; CTRRDO 60,1171,76
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 10,253,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TANNIN see: WW5075000
TANNIN from BRACKEN FERN see: EE1521000
TANNIN from CHERRY BARK OAK see: FM3005000
TANNIN from CHESTNUT see: FM3015000
TANNIN-FREE FRACTION OF BRACKEN FERN see: EE1521300
TANNIN from LIMONIUM NASHII see: OQ0761000
TANNIN from MARSH ROSEMARY see: OQ0761000
TANNIN from MIMOSA see: PY7955000
TANNIN from MYROBALANS see: QH5350000
TANNIN from MYRTAN see: QH6000000
TANNIN from PERSIMMON see: SE1850000
TANNIN from QUEBRACHO see: UZ3400000
TANNIN from SWEET GUM see: WU7185000
TANNIN from VALONEA see: YW0305000
TANNIN from WAX MYRTLE see: ZC0320000
TANONE see: AI7875000
TANRUTIN see: VM2975000
TANSTON see: CB4550000

WW5450000 TANSY OIL
UPDT:8305 CAS: 8016-87-3

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MLD	FCTXAV 14,869,76

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1150 mg/kg	FCTXAV 14,869,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TANTALIC ACID ANHYDRIDE see: WW5855000

WW5505000 TANTALUM
UPDT:8404 CAS: 7440-25-7 MW: 180.95 MOLFM: Ta
SYN: TANTALUM-181

TUMORIGENIC DATA AND REFERENCES:

2V03V10	imp-rat TDLo:3760 mg/kg	CNREA8 16,439,56

REVIEW AND REFERENCES:
★ TLV-TWA 5 mg/m3; STEL 10 mg/m3 DTLVS* 4,38[illegible],80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg/m3 (SCP-N) FEREAC 39,23540,74

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TANTALUM-181 see: WW5505000

WW5775000 TANTALUM FLUORIDE
UPDT:7908 CAS: 7783-71-3 MW: 275.95 MOLFM: F5-Ta

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:110 mg/kg	19UQAS -,30,65

REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WW5855000 TANTALUM OXIDE
UPDT:7908 CAS: 1314-61-0 MW: 441.90 MOLFM: O5-Ta2
SYN: TANTALIC ACID ANHYDRIDE * TANTALUM PENTA OXIDE * TANTALUM PENTOXIDE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:8000 mg/kg	EQSSDX 1,1,75

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Ta)/m3 (SCP-N) FEREAC 39,23540,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TANTALUM PENTA OXIDE see: WW5855000
TANTALUM PENTOXIDE see: WW5855000
TANTALUM POTASSIUM FLUORIDE see: TT1225000
TANTARONE see: BV8060050
TANTUM see: NK7875000
TAO see: RJ9900000
TAOMYCIN see: QI7875000
TAOMYXIN see: QI7875000
TAP see: AB6680000
TAP 85 see: GV4900000
TAP 127 see: OK6420000
TAP 144 see: OK6700000
TAPAR see: AE4200000
TAPAZOLE see: NI8615000
TAPHAZINE see: XY5250000
TAPIOCA STARCH see: GM5090000
TAPIOCA STARCH HYDROXYETHYL ETHER see: WI0410000

WW6807800 TAPIRIRA HIRSUTA Hook. f., extract excluding roots
DEF:Indian plant belonging to the family ANACARDIACEAE (IJEBA6 9,91,71)
UPDT:8302

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:500 mg/kg	IJEBA6 9,91,71

TAPO see: SZ1750000
TAPON see: GM5090000
TAPUZOLE see: NI8615000
TAP 9VP see: TC0350000
TAR see: GF8600000
TARACTAN see: XO1050000
TARA GUM see: MG1017000
TARAPACAITE see: GB2940000
TARAPON K 12 see: WT1050000
TARASAN see: XO1050000
TAR CAMPHOR see: QJ0525000
TAR, COAL see: GF8600000
TARCORTIN see: GM8925000
TARDAMID see: WO9150000
TARDAMIDE see: WO9150000
TARDEX 100 see: KN3525000
TARDIGAL see: IH2275000 DIGITOXIN
TARDOCILLIN see: XH9425000
TAR, liquid (DOT) see: GF8600000
TARFLEN see: KX4025000
TAR FRUIT EXTRACT (Indian) see: ED2650000

WW7440000 TARGET
DEF:DIMETHYLAMINE and DIETHANOLAMINE salts of MCPA, MCPP and DICAMBA (FMCHA2 -,C228,83)
UPDT:8309

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1620 mg/kg	FMCHA2 -,C228,83

TARGET MSMA see: PA2625000
TARICHATOXIN see: IO1450000
TARIMYL see: BY8925000
TARLON X-A see: TQ9800000
TARLON XB see: TQ9800000
TARMUS ROOT EXTRACT (Indian) see: EV5782000
TARNAMID T see: TQ9800000
TARNAMID T 2 see: TQ9800000
TAROCTYL see: SO1750000
TARODYL see: UY4337630
TARODYN see: UY4337630
TAR OIL see: GF8615000
TARPAMID T 27 see: TQ9800000
TARPAN see: HP2275000
TARRAGON see: BZ8225000
TARRAGON OIL see: KG5900000
TARTAN see: TE8750000
TARTAR EMETIC see: CC6825000
TARTAR EMETIC see: CC7000000
L-TARTARIC ACID, AMMONIUM SALT see: WW8050000
TARTARIC ACID, ANTIMONY POTASSIUM SALT see: CC6825000
D-TARTARIC ACID, ANTIMONY POTASSIUM SALT see: CC7000000
DL-TARTARIC ACID, ANTIMONY POTASSIUM SALT see: CC7175000
L-TARTARIC ACID, ANTIMONY POTASSIUM SALT see: CC7350000
meso-TARTARIC ACID, ANTIMONY POTASSIUM SALT see: CC7525000

WW8036000 TARTARIC ACID, CALCIUM SALT, HYDRATE, (1:1:3), meso-
UPDT:8406 MW: 242.22 MOLFM: C4-H4-O6 Ca 3H2-O
SYN: CALCIUM meso-TARTRATE TRIHYDRATE

TOXICITY DATA AND REFERENCES:

2F25R21	ipr-rat LD50:7647 mg/kg	OYYAA2 14,963,77

WW8039000 TARTARIC ACID, COPPER(2+) SALT
UPDT:8308 CAS: 17263-56-8 MW: 213.64 MOLFM: C4-H6-O6 Cu
SYN: BUTANEDIOIC ACID, 2,3-DIHYDROXY-, (R-(R*,R*)-, COPPER (2+) SALT * CUPRIC TARTRATE * CUPRIC TARTRATE (DOT) * NA 9111 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82

WW8050000 TARTARIC ACID, DIAMMONIUM SALT
UPDT:8308 CAS: 3164-29-2 MW: 184.18 MOLFM: C4-H6-O6 .2H3-N
SYN: AMMONIUM TARTRATE * AMMONIUM TARTRATE (DOT) * AMMONIUM d-TARTRATE * BUTANEDIOIC ACID, 2,3-DIHYDROXY-, (R-(R*,R*))-, DIAMMONIUM SALT * DIAMMONIUM TARTRATE * 2,3-DIHYDROXY-BUTANEDIOIC ACID, DIAMMONIUM SALT (9CI) * NA 9091 (DOT) * L-TARTARIC ACID, AMMONIUM SALT

TOXICITY DATA AND REFERENCES:

	scu-rbt LD50:1130 mg/kg	HBAMAK 4,1289,35
	ivn-rbt LD50:113 mg/kg	HBAMAK 4,1289,35

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WW8070000 TARTARIC ACID, DIBENZOATE
UPDT:8309 MW: 358.32 MOLFM: C18-H14-O8
SYN: DIBENZOYLTARTARIC ACID

IRRITATION DATA AND REFERENCES:

	eye-rbt 100 mg MOD	FCTOD7 20,573,82
	eye-rbt 100 mg/4S rns MLD	FCTOD7 20,573,82

TARTARIZED ANTIMONY see: CC6825000
TARTAR YELLOW FS see: UQ6400000
TARTAR YELLOW N see: UQ6400000
TARTAR YELLOW PF see: UQ6400000
TARTAR YELLOW S see: UQ6400000

WW8449500 TAR, from TOBACCO
UPDT:8403
SYN: CIGARETTE REFINED TAR * CIGARETTE TAR * COLOMBIAN BLACK TOBACCO CIGARETTE REFINED TAR * TOBACCO REFINED TAR * TOBACCO TAR * U.S. BLENDED LIGHT TOBACCO CIGARETTE REFINED TAR

MUTATION DATA AND REFERENCES:

	mmo-sat 1 mg/L	GANNA2 69,85,78
	otr-ham:emb 1 mg/L	GANNA2 69,85,78
	otr-ham:lng 10 mg/L	BJCAAI 25,574,71
	cyt-ham:lng 10 mg/L	BJCAAI 25,574,71

TUMORIGENIC DATA AND REFERENCES:

3V01R60P62	skn-mus TDLo:118 gm/kg/52W-I	CANCAR 21,376,68
2V01T69	ivg-mus TDLo:1320 mg/kg/44W-I	JNCIAM 23,1,59

3V01R60P62 skn-mus TD :235 gm/kg/52W-I CANCAR 21,376,68
2V01R60 skn-mus TD :390 gm/kg/65W-I AJPAA4 102,381,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
TARTOX see: CC6825000
TARTRAN YELLOW see: UQ6400000
TARTRAPHENINE see: UQ6400000
TARTRATE ANTIMONIO-POTASSIQUE (French) see: CC6825000
TARTRATED ANTIMONY see: CC6825000
TARTRATE DE NICOTINE (French) see: QT0350000
TARTRAZINE see: UQ6400000
TARTRAZINE A EXPO T see: UQ6400000
TARTRAZINE B see: UQ6400000
TARTRAZINE B.P.C. see: UQ6400000
TARTRAZINE EXTRA PURE A see: UQ6400000
TARTRAZINE FD & C YELLOW #5 see: UQ6400000
TARTRAZINE FQ see: UQ6400000
TARTRAZINE G see: UQ6400000
TARTRAZINE LAKE see: UQ6400000
TARTRAZINE LAKE YELLOW N see: UQ6400000
TARTRAZINE M see: UQ6400000
TARTRAZINE MCGL see: UQ6400000
TARTRAZINE N see: UQ6400000
TARTRAZINE NS see: UQ6400000
TARTRAZINE O see: UQ6400000
TARTRAZINE T see: UQ6400000
TARTRAZINE XX see: UQ6400000
TARTRAZINE XXX see: UQ6400000
TARTRAZINE YELLOW see: UQ6400000
TARTRAZOL BPC see: UQ6400000
TARTRAZOL YELLOW see: UQ6400000
TARTRINE YELLOW O see: UQ6400000
TARZOL see: DD6650000
TASIS see: DM3325000
TASK see: TC0350000
TASK TABS see: TC0350000
TASMIN see: LZ8100000
TAT see: XZ2100000
TATBA see: TU3930000
TAT CHLOR 4 see: PB9800000
TATD see: JO1225000
TATERPEX see: FD8050000
TATHION see: MC0556000
TATHIONE see: MC0556000
TATREN 141 see: UD1842000
TATREN EB 111 see: UD1842000
TATTOO see: FC1140000
TATURIL see: UO3470000
TAURAMINOPYRIDINE HYDROCHLORIDE see: KI7213000

WX0175000 TAURINE
UPDT:8406 CAS: 107-35-7 MW: 125.16 MOLFM: C2-H7-N-O3-S
SYN: 2-AMINOETHANESULFONIC ACID * ETHANESULFONIC ACID, 2-AMINO- * NCI-C60606
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T12 orl-rat TDLo:137 gm/kg (78W pre) OYYAA2 6,529,72
1T81 orl-mus TDLo:878 gm/kg (MGN) OYYAA2 6,535,72
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:64 mg/kg CBCCT* 2,191,50
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WX0350000 TAURINE, N-CHOLOYL-
UPDT:8403 CAS: 81-24-3 MW: 515.78 MOLFM: C26-H45-N-O7-S
SYN: CHOLAIC ACID * CHOLYLTAURINE * N-CHOLOYLTAURINE * TAUROCHOLATE * TAUROCHOLIC ACID * 2-((3-alpha,7-alpha,12-alpha-TRIHYDROXY-24-OXO-5-beta-CHOLAN-24-YL)AMINO)ETHANESULFONIC ACID
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:450 mg/kg TXAPA9 24,37,73
ipr-mus LD50:620 mg/kg TXAPA9 24,37,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WX0410000 TAURINE, N-(4-CYCLOHEXYLBUTYL)THIO-, S-(2-((4-CYCLOHEXYLBUTYL)AMINO)ETHYL) ESTER, DIHYDROCHLORIDE
UPDT:8402 CAS: 10027-64-2 MW: 533.78 MOLFM: C24-H48-N2-O2-S2 .2Cl-H
MUTATION DATA AND REFERENCES:
dni-rat:lym 50 umol/L CBINA8 23,215,78

WX0500000 TAURINE, N-METHYL-N-OLEOYL-, SODIUM SALT
UPDT:8310 CAS: 137-20-2 MW: 425.67 MOLFM: C21-H40-N-O4-S .Na
SYN: ADINOL T * CONCOGEL 2 CONC. * ETHANESULFONIC ACID, 2-(METHYL(1-OXO-9-OCTADECENYL)AMINO)-, SODIUM SALT, Z- (9CI) * HOSTAPON T * IGEPON T * IGEPON T 33 * IGEPON T-43 * IGEPON T 51 * IGEPON T-71 * IGEPON T-73 * IGEPON T77 * IGEPON TE * METAUPON PASTE * N-METHYL-N-OLEOYLTAURINE SODIUM SALT * NISSAN DIAPION S * NISSAN DIAPON T * OLEOYLMETHYLTAURINE SODIUM SALT * OMT * SODIUM 2-(N-METHYLOLEAMIDO)ETHANE-1-SULFONATE * SODIUM METHYL OLEOYL TAURATE * SODIUM N-METHYL-N-OLEOYLTAURATE * SODIUM N-OLEOYL-N-METHYLTAURATE * SODIUM N-OLEOYL-N-METHYLATAURINE * SODIUM OLEYLMETHYLTAURIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 1% SEV JAPMA8 38,428,49
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:350 mg/kg JAPMA8 38,428,49
* orl-mam LD50:5190 mg/kg FMCHA2 -,C130,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
TAURINE, N-METHYL-N-PHENYLAZO-, SODIUM SALT see: XY2785000
TAURINOPHENETIDINE see: KI8020000
TAURINOPHENETIDINE HYDROCHLORIDE see: KI8021000
TAUROCHOLATE see: WX0350000
TAUROCHOLIC ACID see: WX0350000
TAUROMYCETIN-III see: QI9277700
TAVEGIL see: UY0704600
TAVEGYL see: UY0704600
TA-VERM see: TL3485000
TAVIST see: UY0704600
TAVOR see: DF0350000
TAVROMYCETIN III see: QI9277700

WX1272100 TAX-11-EN-9-ONE, 5-beta,20-EPOXY-1,2-alpha,4,7-beta,10-beta,13-alpha-HEXAHYDROXY-, 4,10- DIACETATE 2-BENZOATE 13-ESTER with (2R,3S)-N-BENZOYL-3-PHENYLISOSERINE
UPDT:8405 CAS: 33069-62-4 MW: 853.99 MOLFM: C47-H51-N-O14
SYN: NSC-125973 * TAXOL
TOXICITY DATA AND REFERENCES:
3F07J22U01 ipr-rat LD50:32530 ug/kg NTIS** PB83-170969
2R21U01 ipr-mus LD50:128 mg/kg NTIS** PB83-170969
3F07F19J26 ivn-dog LDLo:15 mg/kg NTIS** PB83-170969
TAXIFOLIN see: LK6920000
TAXIFOLIOL see: LK6920000
TAXILAN see: SP1140000
TAXOL see: WX1272100

WX1277000 TAXUS BACCATA Linn., leaf extract
DEF:Indian plant belonging to the family TAXACEAE (IJMRAQ 57,237,69)
UPDT:8405
SYN: BIRMI, leaf extract * KASH, leaf extract
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:250 mg/kg (1-5D preg) IJMRAQ 60,159,62
1T29 orl-rbt TDLo:200 mg/kg (1D pre) JRPFA4 22,151,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
TAYSSATO see: OW0875000
TAZEPAM see: DF1400000
TAZONE see: UQ8225000
TB see: QJ6475000
TB 2 see: GP3200000
T 5B see: KX4025000
TBA see: DH6834000
TB 1 (BAYER) see: AE3850000
TBA see: DH7700000
2,3,6-TBA see: DH7700000
T-BARB see: CQ5250000
2,3,6-TBA(THE HERBICIDE) see: DH7700000
TBBA see: DG4708000
TBDZ see: DE0700000
TBE see: KI8225000
TBEP see: KJ9800000
TBF-43 see: DG0920000
TBHP-70 see: EQ4900000
TB I see: AE3850000
TB I/698 see: AE3850000
TBOT see: JN8750000
TBP see: SN0525000
TBP see: TC7700000
TB-PHLOGIN see: NS1750000
TB-RAZIDE see: NS1750000
TBS see: VN8925000
TBS 95 see: VN8925000
TBT see: XS8400000
TBTO see: JN8750000
2,4,5-T BUTYL ESTER see: AJ8485000
2,4,5-T n-BUTYL ESTER see: AJ8485000
2,4,5-T n-BUTYL ESTER mixed with 2,4-D n-BUTYL ESTER see: AG8100000
TB-VIS see: NS1750000
TBZ see: DE0700000
2,4,5-TC see: UF8225000
TC 3-30 see: WL6475000
TCA see: AJ7875000
TCA see: AJ9100000
TCA see: UC3815100
T-4CA see: XJ5425000
T 4CA see: XJ5425500
TCAB see: CN2980000
T-250 CAPSULES see: QI9100000
T. CARINATUS (AUSTRALIA) VENOM see: YX3962600
TCA SODIUM see: AJ9100000
TCAT see: AT7785000
T 1 (CATALYST) see: WH6880000
TCB see: DH7700000
TCB see: DV8650000
TCB see: DV8810000
2,3,6-TCB see: DH7700000
2,4,3',4'-TCB see: DV8649900
TCBA see: DH7700000
2,3,6-TCBA see: DH7700000
TCBN see: DB9625000
TCC see: KO1100000
TCDBD see: HP3500000
TCDD see: HP3500000
1,3,6,8-TCDD see: HP3495000
2,3,7,8-TCDD see: HP3500000
TCE see: KX4550000
TCE see: KI8575000
1,1,1-TCE see: KJ2975000
TC HYDROCHLORIDE see: QI9100000
TCIN see: NT2600000
TCM see: FS9100000
TCMTB see: XK8150000
TCMTB see: XK8151000
TCNA see: BZ9625000
TCNB see: DC0175000
TCP see: SM9275000
TCPA see: AJ8750000
TCPE see: KM4800000
m-TCPN see: NT2600000
o-TCPN see: TI8225000
p-TCPN see: TI8275000
TCPO see: TZ3720000
TCPP see: UB1473000
2,4,5-TCPPA see: UF8225000
TCTH see: WH8750000
TCTP see: XN0350000
TCV-3B see: JW4792000
TD-183 see: XN0350000
TD 1001 see: AT6970000
TD 1771 see: BA3675000
TD-5032 see: WH8280000
TDA see: XS9625000
TDBP (Czech) see: UB0350000
TDBPP see: UB0350000
TDCPP see: UB1473000
TDDA see: CH9000000
TDE see: KI0700000
TDE see: XF0700000
o,p-TDE see: KH7880000

o,p'-TDE see: KH7880000
p,p'-TDE see: KI0700000
TDE (DOT) see: KI0700000
T-DET see: SL3675000
TDI see: CZ6300000
TDI see: NQ9490000
TDI see: NM3250000
TDI-80 see: CZ6300000
2,4-TDI see: CZ6300000
2,6-TDI see: CZ6310000
2,4,5-T (DOT) see: AJ8400000
TDPI see: BQ2680000
2,5-TDS see: XT0524000
TE see: XA3080000
TE 30 see: KX4025000
TE 197 see: EL1510000
TEA see: BS5950000
TEA see: BD2050000
TEAB see: BS5950000
TEABERRY OIL see: VO4725000
TEA LAURYL SULFATE see: WT1000000

WX6482000 TEA LEAF EXTRACT, JASMINE
UPDT:8308
SYN: JASMINE TEA LEAF EXTRACT
MUTATION DATA AND REFERENCES:
dni-hmn:lym 2500 ppm CNREA8 39,4802,79

WX6482200 TEA LEAF EXTRACT, LAPSANG SOUCHONG
UPDT:8308
SYN: LAPSANG SOUCHONG TEA LEAF EXTRACT
MUTATION DATA AND REFERENCES:
dni-hmn:lym 2500 ppm CNREA8 39,4802,79

WX6482400 TEA LEAF EXTRACT, MIANG
UPDT:8308
SYN: MIANG TEA LEAF EXTRACT
MUTATION DATA AND REFERENCES:
dns-hmn:lym 5000 ppm CNREA8 39,4802,79
dni-hmn:lym 500 ppm CNREA8 39,4802,79
dni-rat:mmr 25000 ppm CNREA8 39,4802,79
dni-mus:fbr 25000 ppm CNREA8 39,4802,79

WX6482600 TEA LEAF EXTRACT, OOLONG
UPDT:8308
SYN: OOLONG EXTRACT
MUTATION DATA AND REFERENCES:
dni-hmn:lym 2500 ppm CNREA8 39,4802,79

T.E.A.S. see: JG6716000
TEB see: DK7050000
TEBALON see: AE3850000
TEBE see: XH2387000
TEBECID see: NS1750000
TEBECURE see: AE3850000
TEBEFORM see: NS0650000
TEBEMAR see: AE3850000
TEBENIC see: NS1750000
TEBERUS see: NS0350000
TEBESONE I see: AE3850000
TEBETHION see: AE3850000
TEBETHIONE see: AE3850000
TEBEXIN see: NS1750000
TEBEZON see: AE3850000
TEBILON see: NS1750000
TEBOS see: NS1750000
TEBRAZID see: UQ2275000
TEBULAN see: YS4250000
TEBUTHIURON see: YS4250000
TEC see: GE8050000
TECACIN see: QI8925000
TECH DDT see: KJ3325000
TECHNE DIPA KIT see: WX8057000
TECHNE HIDA KIT see: WX8054000
TECHNETIUM DIETHYLENETRIAMINE PENTAACETATE see: WX8057000

WX8054000 TECHNETIUM, N-(2,6-DIMETHYLPHENYLCARBAMOYLMETHYL)IMINO DIACETATE
UPDT:8303
SYN: TECHNE HIDA KIT
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:88 mg/kg NIIRDN 6,483,82
* ivn-mus LD50:220 mg/kg NIIRDN 6,483,82

WX8057000 TECHNETIUM, PENTAKIS(ACETATO)(DIETHYLENETRIAMMINE)-
UPDT:8303 MW: 495.45 MOLFM: C14-H28-N3-O10-Tc
SYN: TECHNETIUM DIETHYLENETRIAMINE PENTAACETATE * TECHNE DIPA KIT
TOXICITY DATA AND REFERENCES:
* ivn-dog LDLo:1809 mg/kg NIIRDN 6,482,82
* ivn-rbt LDLo:1133 mg/kg NIIRDN 6,482,82

TECHNETIUM Tc 99M SULFUR COLLOID see: WS4250000
TECHNICAL BHC see: GV4950000
90 TECHNICAL GLYCERINE see: MA8050000
TECHNICAL HCH see: GV4950000
TECHNICAL X-FACTOR see: ZE1495100
TECHNOPOR see: KV0350000
TECH PET F see: PY8030000
TECNAZENE see: DC0175000

WX8380000 TECOMELLA UNDULATA (Sm.) Seem., stem bark extract
DEF:Indian plant belonging to the family BIGNONIACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

TECOMIN see: QL8750000
TECPOL see: AT4680000
TECQUINOL see: MX3500000
TECRAMINE see: CB4375000
TECSOL see: KQ6300000

WX8930000 TECTARIA CICUTARIA (Linn.) Copel, extract excluding roots
DEF:Indian plant belonging to the family ASPIDIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 15,208,77

TECTILON ORANGE 3GT see: DB5042500
TECTO see: DE0700000
TECTO 60 see: DE0700000
TECTORIGENIN see: NR2400000
TECTORIGENINE see: NR2400000
TECTO RPH see: DE0700000
TECZA see: YE6650000
TEDION see: WR5850000
TEDION V-18 see: WR5850000
TEDMA see: OZ4100000
TEDP see: XN4375000
TEDTP see: XN4375000
TEEBACONIN see: NS1750000
TEEUTI EXTRACT (Indian) see: BA3696000
TEF see: SZ1750000
TEFAMIN see: XH3850000
TEFAMIN see: XH5600000
TEFASERPINA see: ZG0350000
TEFILAN see: XH5100000
TEFILIN see: QI9100000
TEFLON see: KX4025000
TEFLON 5 see: KX4025000
TEFLON 6 see: KX4025000
TEFLON 6C see: KX4025000
TEFLON 30 see: KX4025000
TEFLON 110 see: KX4025000
TEFLON K see: KX4025000
TEFLON T5 see: KX4025000
TEFLON T 6 see: KX4025000
TEFLON T 30 see: KX4025000
TEFLON TFE see: KX4025000
TEFSIEL C see: YR0450000
TEG see: YE4550000
TEGAFUR see: YR0450000
TEGAFUR mixt. with URACIL (1:4) see: YR0480000
TEGENCIA HYDROCHLORIDE see: RO0375000
TEGESTER BUTYL STEARATE see: WI2900000
TEGESTER ISOPALM see: RT4900000
TEGIN see: RG1925000
TEGIN 503 see: RG1925000
TEGIN 515 see: RG1925000
TEGIN P see: WI4550000
TEGOLAN see: FZ8400000
TEGO-OLEIC 130 see: RG2275000
TEGOPEN see: XH8920000
TEGOPEN see: BU2625000
TEGOSEPT B see: DH1980000
TEGOSEPT E see: DH2190000
TEGOSEPT M see: DH2450000
TEGOSEPT P see: DH2800000
TEGO-STEARATE see: WI4100000
TEGOSTEARIC 254 see: WI2800000
TEGOSTEARIC 255 see: WI2800000
TEGOSTEARIC 272 see: WI2800000
TEGRETAL see: HN8225000
TEGRETOL see: HN8225000
TEIB see: DK7175000

WY1550000 TEICHOMYCIN A2
UPDT:8411 CAS: 61036-64-4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg 85GDA2 1,323,80
* scu-mus LD50:2860 mg/kg 48HGAR 1,342,82
* ivn-mus LD50:275 mg/kg JANTAJ 31,276,78

TEKAZIN see: NS1750000
TEKKAM see: QJ0875000
TEKLAN see: QA2820000
TEKRESOL see: GO5950000
TEKWAISA see: TG0175000
TEL see: TP4550000
TELAGAN see: TI4375000
TELAKARAND EXTRACT (Indian) see: FJ7540000
TELARGAN see: TI4375000
TELARGEAN see: TI4375000
TELCOTENE see: TQ3325000
TELDANE see: TM4969000
TELDRIN see: US6475000
TELDRIN see: VB2450000
TELEBRIX 38 see: LZ4296300
TELEBRIX 300 see: LZ6650000
TELECINOBUFAGIN see: EI2996700
TELECOTHENE see: TQ3325000
TELEFOS see: TD8225000
TELEMIN-SOFT see: EK0120000

WY1981000 TELEOCIDIN A
UPDT:8309 CAS: 56645-57-9
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2 mg/kg 85FZAT -,636,67
* ivn-mus LD50:280 ug/kg 85FZAT -,636,67

WY1982000 TELEOCIDIN B
UPDT:8406 CAS: 11032-05-6 MW: 451.72 MOLFM: C28-H41-N3-O2
MUTATION DATA AND REFERENCES:
dns-hmn:lng 100 nmol/L CRNGDP 5,209,84
oms-hmn:lng 100 nmol/L CRNGDP 5,209,84
dni-hmn:lym 10 ug/L ONCOBS 40,273,83
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:300 ug/kg SCIEAS 204,193,79
ivn-mus LD50:220 ug/kg SCIEAS 204,193,79

TELEPAQUE see: MW5075000
TELEPRIN see: UV8240000
TELESMIN see: HN8225000 5H-DIBENZ(b,f)AZEPINE-5-CARBOXAMIDE

WY2210000 TELFAIRIA OCCIDENTALIS, leaf extract
DEF:A perennial plant with large fluted fruits, found in NIGERIA (PLMEAA 38,339,80)
UPDT:8306
SYN: FLUTED PUMPKIN, leaf extract
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:100 mg/kg PLMEAA 38,339,80

WY2211000 TELFAIRIA OCCIDENTALIS, root extract
DEF:A perennial plant with large fluted fruits, found in NIGERIA (PLMEAA 38,339,80)
UPDT:8306
SYN: FLUTED PUMPKIN, root extract
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:500 mg/kg PLMEAA 38,339,80

TELGIN-G see: UY0704600

TELIDAL see: UQ8400000
TELINE see: QI9100000
TELIPEX see: XA3115000
TELLOY see: WY2625000
TELLUR (Polish) see: WY2625000
TELLURATE see: WY2350000

WY2350000 TELLURIC ACID
UPDT:7901 CAS: 7803-68-1 MW: 229.66 MOLFM: H6-O6-Te
SYN: ORTHOTELLURIC ACID * TELLURATE * TELLURIC(VI) ACID * TELLURIUM HYDROXIDE
TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:31 mg/kg JPETAB 33,270,28
orl-rbt LDLo:50 mg/kg JPETAB 33,270,28
ivn-rbt LDLo:5600 ug/kg JPETAB 33,270,28
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Te)/m3 DTLVS* 4,386,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Te)/m3 FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
TELLURIC(VI) ACID see: WY2350000

WY2410000 TELLURIC ACID, AMMONIUM SALT
UPDT:8010
SYN: AMMONIUM TELLURATE
MUTATION DATA AND REFERENCES:
cyt-hmn:fbr 1 nmol/L AEMBAP 91,117,77
cyt-hmn:leu 1 nmol/L AEMBAP 91,117,77
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Te)/m3 DTLVS* 4,386,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Te)/m3 FEREAC 39,23540,74

WY2415000 TELLURIC ACID, DIAMMONIUM SALT
UPDT:8102 CAS: 13453-06-0 MW: 227.70 MOLFM: O4-Te .2H4-N
SYN: AMMONIUM TELLURATE * DIAMMONIUM TELLURATE
MUTATION DATA AND REFERENCES:
cyt-hmn:leu 240 nmol/L/48H MUREAV 16,332,72
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Te)/m3 DTLVS* 4,386,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Te)/m3 FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WY2420000 TELLURIC ACID, DIPOTASSIUM SALT
UPDT:7901 CAS: 15571-91-2 MW: 253.80 MOLFM: O3-[illegible] .2K
SYN: POTASSIUM TELLURITE
TOXICITY DATA AND REFERENCES:
3F04F14K13 orl-man TDLo:40 mg/kg/7D NRTTA8 1283,1,67
unk-mam LDLo:20 mg/kg NRTTA8 1283,1,67
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Te)/m3 DTLVS* 4,386,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Te)/m3 FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WY2450000 TELLURIC ACID, DISODIUM SALT
UPDT:8405 CAS: 10102-20-2 MW: 221.58 MOLFM: O3-Te .2Na
SYN: SODIUM TELLURITE * SODIUM TELLURATE(IV) * TELLUROUS ACID, DISODIUM SALT
MUTATION DATA AND REFERENCES:
mmo-sat 10 mmol/L MUREAV 77,109,80
mrc-bcs 10 mmol/L MUREAV 77,109,80
cyt-hmn:leu 1 nmol/L AEMBAP 91,117,77
cyt-hmn:fbr 1 nmol/L AEMBAP 91,117,77
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:30 mg/kg BJIMAG 3,175,46
par-man LDLo:29 mg/kg BJIMAG 3,175,46
orl-rat LD50:83 mg/kg HYSAAV 32(10),15,67
ipr-rat LDLo:4 mg/kg JPETAB 58,454,36
ivn-rat LDLo:400 ug/kg JPETAB 33,270,28
orl-mus LD50:20 mg/kg HYSAAV 32(10),15,67
* orl-rbt LDLo:31 mg/kg TXAPA9 11,203,67
ivn-rbt LDLo:500 ug/kg JPETAB 33,270,28
orl-gpg LD50:45 mg/kg HYSAAV 32(10),15,67
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Te)/m3 DTLVS* 4,386,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Te)/m3 (SCP-N) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WY2520000 TELLURIC ACID, DISODIUM SALT, PENTAHYDRATE
UPDT:7901 CAS: 22451-06-5 MW: 311.68 MOLFM: O3-Te .2Na .5H2-O
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:7 mg/kg COREAF 257,791,63
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Te)/m3 DTLVS* 4,386,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Te)/m3 FEREAC 39,23540,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
TELLURIC CHLORIDE see: WY2635000

WY2625000 TELLURIUM
UPDT:8408 CAS: 13494-80-9 MW: 127.60 MOLFM: Te
SYN: NCI-C60117 * TELLUR (Polish) * TELLOY
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T41 orl-rat TDLo:3300 mg/kg (1-22D preg) EXNEAC 31,1,71
2125T41 ims-rat TDLo:13 mg/kg (10D preg) EXPEAM 28,1444,72
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:83 mg/kg 85GMAT -,107,82
itr-rat LDLo:200 mg/kg AIHAAP 39,100,78
* orl-mus LD50:20 mg/kg 85GMAT -,107,82
scu-dog LDLo:290 mg/kg NTIS** AEC-TR-6710
* orl-rbt LD50:67 mg/kg 85GMAT -,107,82
* orl-gpg LD50:45 mg/kg 85GMAT -,107,82
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FOREAE 7,313,42
★ TLV-TWA 100 ug/m3 DTLVS* 4,386,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Te)/m3 FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S204
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
TELLURIUM, BIS(o-(1,3-DIOXOLAN-2-YL)PHENYL)- see: JI4285000

WY2626000 TELLURIUM, BIS(o-(1,3-DIOXOLAN-2-YL)PHENYL)DICHLORO-
UPDT:8406 CAS: 84438-48-2 MW: 496.86 MOLFM: C18-H18-Cl2-O4-Te
SYN: BIS(o-(1,3-DIOXOLAN-2-YL)PHENYL)DICHLOROTELLURIUM
TOXICITY DATA AND REFERENCES:
3F12F17J22 ipr-rat LD50:250 mg/kg PCJOAU 16,673,82
TELLURIUM, BIS(o-(HYDROXYMETHYL)PHENYL)- see: DA4981800
TELLURIUM, BIS(o-FORMYLPHENYL)- see: CU8150000

WY2627000 TELLURIUM, BIS(p-METHOXYPHENYL)BIS(THIOCYANATO)-
UPDT:8406 CAS: 64272-70-4 MW: 458.04 MOLFM: C16-H14-N2-O2-S2-Te
SYN: BIS(p-METHOXYPHENYL)BIS(THIOCYANATO)TELLURIUM
TOXICITY DATA AND REFERENCES:
3F12F17J22 ipr-rat LD50:250 mg/kg PCJOAU 16,673,82

WY2628000 TELLURIUM, BIS(p-METHOXYPHENYL)DIIODO-
UPDT:8406 CAS: 24727-23-9 MW: 595.68 MOLFM: C14-H14-I2-O2-Te
SYN: BIS(p-METHOXYPHENYL)DIIODOTELLURIUM
TOXICITY DATA AND REFERENCES:
3F12F17J22 ipr-rat LD50:250 mg/kg PCJOAU 16,673,82

WY2629000 TELLURIUM, BIS(p-METHOXYPHENYL)DI-beta-RESORCYLATO-
UPDT:8406 CAS: 84438-49-3 MW: 648.12 MOLFM: C28-H24-O10-Te
SYN: BIS(p-METHOXYPHENYL)DI-beta-RESORCYLATOTELLURIUM * DI(p-ANISYL)TELLURIUM DIRESORCYLATE
TOXICITY DATA AND REFERENCES:
3F12F17J22 ipr-rat LD50:250 mg/kg PCJOAU 16,673,82
TELLURIUM, BIS(p-METHOXYPHENYL)OXO- see: DB9061000

WY2630000 TELLURIUM, BIS(p-TOLYL)DIBROMO-
UPDT:8406 CAS: 4533-03-3 MW: 469.70 MOLFM: C14-H14-Br2-Te
SYN: BIS(p-TOLYL)DIBROMOTELLURIUM
TOXICITY DATA AND REFERENCES:
3F12F17J22 ipr-rat LD50:250 mg/kg PCJOAU 16,673,82

WY2631000 TELLURIUM, BIS(p-TOLYL)DIFLUORO-
UPDT:8406 CAS: 4294-65-9 MW: 347.88 MOLFM: C14-H14-F2-Te
SYN: BIS(p-TOLYL)DIFLUOROTELLURIUM
TOXICITY DATA AND REFERENCES:
3F12F17J22 ipr-rat LD50:250 mg/kg PCJOAU 16,673,82

WY2635000 TELLURIUM CHLORIDE
UPDT:8209 CAS: 10026-07-0 MW: 269.40 MOLFM: Cl4-Te
SYN: TELLURIC CHLORIDE * TELLURIUM CHLORIDE, (T-4)- * TELLURIUM TETRACHLORIDE * TETRACHLOROTELLURIUM
MUTATION DATA AND REFERENCES:
mrc-bcs 1 mmol/L MUREAV 77,109,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 itt-rat TDLo:21552 ug/kg (1D male) JRPFA4 7,21,64
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Te)/m3 DTLVS* 4,386,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Te)/m3 FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
TELLURIUM CHLORIDE, (T-4)- see: WY2635000

WY2640000 TELLURIUM, DIBROMO(p-(DIMETHYLAMINO)PHENYL)-p-TOLYL-
UPDT:8406 CAS: 66712-78-5 MW: 498.75 MOLFM: C15-H17-Br2-N-Te
SYN: DIBROMO(p-(DIMETHYLAMINO)PHENYL)-p-TOLYLTELLURIUM
TOXICITY DATA AND REFERENCES:
3F12F17J22 ipr-rat LD50:250 mg/kg PCJOAU 16,673,82

WY2641000 TELLURIUM, DICHLORO(3,4-DIMETHOXYPHENYL)PHENYL-
UPDT:8406 CAS: 70627-65-5 MW: 412.78 MOLFM: C14-H14-Cl2-O2-Te
SYN: DICHLORO(3,4-DIMETHOXYPHENYL)PHENYLTELLURIUM
TOXICITY DATA AND REFERENCES:
3F12F17J22 ipr-rat LD50:250 mg/kg PCJOAU 16,673,82

WY2642000 TELLURIUM, DICHLORO(p-(DIMETHYLAMINO)PHENYL)(m-NITROPHENYL)-
UPDT:8407 CAS: 65753-49-3 MW: 440.80 MOLFM: C14-H14-Cl2-N2-O2-Te
SYN: DICHLORO(p-(DIMETHYLAMINO)PHENYL)(m-NITROPHENYL)TELLURIUM
TOXICITY DATA AND REFERENCES:
3F12F17J22 ipr-rat LD50:250 mg/kg PCJOAU 16,673,82

WY2643000 TELLURIUM, DICHLORO(p-(DIMETHYLAMINO)PHENYL)-m-TOLYL-
UPDT:8406 CAS: 84438-47-1 MW: 409.83 MOLFM: C15-H17-Cl2-N-Te
SYN: DICHLORO(p-(DIMETHYLAMINO)PHENYL)-m-TOLYLTELLURIUM
TOXICITY DATA AND REFERENCES:
3F12F17J22 ipr-rat LD50:250 mg/kg PCJOAU 16,673,82

WY2644000 TELLURIUM, DICHLORO(p-(DIMETHYLAMINO)PHENYL)(p-TOLYL)-
UPDT:8406 CAS: 65709-65-1 MW: 409.83 MOLFM: C15-H17-Cl2-N-Te
SYN: DICHLORO(p-(DIMETHYLAMINO)PHENYL)-p-TOLYLTELLURIUM
TOXICITY DATA AND REFERENCES:
3F12F17J22 ipr-rat LD50:250 mg/kg PCJOAU 16,673,82
TELLURIUM DIETHYLDITHIOCARBAMATE see: WY2950000
TELLURIUM, (p-(DIMETHYLAMINO)PHENYL)(p-FLUOROPHENYL)OXO- see: CY0550000

WY2675000 TELLURIUM DIOXIDE
UPDT:8408 CAS: 7446-07-3 MW: 159.60 MOLFM: O2-Te
SYN: TELLURIUM OXIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T35T41T42 scu-rat TDLo:798 mg/kg (15-19D preg) TJADAB 29(2),50A,84
3T45T53T55 scu-rat TDLo:798 mg/kg (15-19D preg) TJADAB 29(2),50A,84
1T34 scu-rat TDLo:399 mg/kg (15-19D preg) TJADAB 29(2),50A,84
TOXICITY DATA AND REFERENCES:
itr-rat LDLo:120 mg/kg AIHAAP 39,100,78
unk-rbt LDLo:324 mg/kg SMSJAR 26,131,1826
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Te)/m3 DTLVS* 4,386,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Te)/m3 FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
TELLURIUM, DIPHENYL- see: DB9062000
TELLURIUM, DIPHENYLOXO- see: DB9060000

WY2800000 TELLURIUM HEXAFLUORIDE
UPDT:8404 CAS: 7783-80-4 MW: 241.60 MOLFM: F6-Te
SYN: TELLURIUM HEXAFLUORIDE (DOT) * UN 2195 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-rat LCLo:5 ppm/24H ATXKA8 18,140,60
ihl-mus LCLo:5 ppm/24H ATXKA8 18,140,60
ihl-rbt LCLo:5 ppm/8H ATXKA8 18,140,60
ihl-gpg LCLo:5 ppm/6H ATXKA8 18,140,60
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Te)/m3 DTLVS* 4,387,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug/m3 (SCP-M) FEREAC 39,23540,74
★ DOT-IMO:POISON A; LABEL:POISON GAS CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S187
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
TELLURIUM HEXAFLUORIDE (DOT) see: WY2800000
TELLURIUM HYDROXIDE see: WY2350000
TELLURIUM OXIDE see: WY2675000
TELLURIUM TETRACHLORIDE see: WY2635000

WY2950000 TELLURIUM, TETRAKIS(DIETHYLDITHIOCARBAMATO)-
UPDT:8412 CAS: 20941-65-5 MW: 720.72 MOLFM: C20-H40-N4-S8 .Te
SYN: DIETHYLDITHIO CARBAMIC ACID TELLURIUM SALT * ETHYL TELLURAC * NCI-C02857 * TELLURIUM DIETHYLDITHIOCARBAMATE * TETRAKIS(DIETHYLCARBAMODITHIOATO-S,S')TELLURIUM * TETRAKIS(DIETHYLDITHIOCARBAMATO)TELLURIUM
TUMORIGENIC DATA AND REFERENCES:
2V03D29 orl-mus TDLo:113 gm/kg/107W-C NCITR* NCI-CG-TR-152,79
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 12,115,76
★ TLV-TWA 100 ug(Te)/m3 DTLVS* 4,386,80
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:MOUSE, RAT (NCITR* NCI-CG-TR-152,79)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
TELLUROUS ACID, DISODIUM SALT see: WY2450000
TELMIN see: EY8600000
TELOCINOBUFAGIN see: EI2996700
TELOCINOBUFOGENIN see: EI2996700
TELODRIN see: PC1225000
TELODRON see: VB2450000
TELONE see: UC8310000
TELONE see: TX9800000
TELONE II see: UC8310000
TELONE II SOIL FUMIGANT see: UC8310000
TELON FAST BLACK E see: QJ6160000
TELON FAST RED GG see: QJ6475500
TELOTREX see: QI9100000
TELVAR see: YS6300000
TELVAR see: YS8925000 UREA, 3-(3,4-DICHLOROPHENYL)-1,1-DIMETHYL-
TELVAR DIURON WEED KILLER see: YS8925000
TELVAR MONURON WEEDKILLER see: YS6300000
TELVAR W. MONURON WEEDKILLER see: YS6300000
TEM see: XZ2100000
TEMASEPT see: VN8925000
TEMASEPT II see: VN8925000
TEMAZEPAM see: DF1225000
TEM (CYTOSTATIC) see: XZ2100000
TEMED see: KV7175000
TEMEFOS see: TF6890000
TEMENTIL see: SO2700000
TEMEPHOS see: TF6890000
TEMESTA see: DF0350000
TEMETEX see: TU3830500
TEM-HISTINE see: UT1750000
TEMIAN see: TZ1225000
TEMIC see: UE2275000
TEMIK see: UE2275000
TEMIK G10 see: UE2275000
TEMIK 10 G see: UE2275000
TEMLO see: AE4200000
TEMOPHOS see: TF6890000
TEMP see: PB1300000
TEMPANAL see: AE4200000
TEMPARIN see: GN7875000
TEMPLIN OIL see: AA4350000
TEMPODEX see: SI1400000
TEMPO-RESERPINA see: ZG0350000
TEMPOSERPINE see: ZG0350000
TEMPRA see: AE4200000
TEM-SIMES see: XZ2100000
TEMUR see: YU2625000
TEMUS see: GN4934700
TEMUS W see: GN4550000
TEN see: RZ2620000
TEN see: YE0175000
TENAC see: TC0350000

WY5200000 TENAGOCHARIS LATIFOLIA (D. Don) Buchen, extract excluding roots
DEF:Indian plant belonging to the family ALISMACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1 gm/kg IJEBA6 18,594,80
TENALIN see: UT1400000
TENAMENE see: SS8400000
TENAMENE 3 see: GO7875000
TENAMINE see: ZG0700000
TENAPLAS see: TQ3325000
TENATHAN see: ME8575000
TENCILAN see: DE8750000
TENDEARIL see: UQ8400000
TENDIMETHALIN see: BX5470000
TENDOR see: NW7010000
TENDOSCEN-COMPR. see: ZG0350000
TENDU EXTRACT (Indian) see: JG5789800
TENDUST see: QS5250000
TENEBRIMYCIN see: QO2672000
TENEBRYL see: PB1960000 METHANESULFONIC ACID, DIIODO-, SODIUM SALT
TENEMYCIN see: QO2672000
TENESDOL see: TM4970500
TENFIDIL see: UT1575000
TENIATHANE see: SM0175000
TENIATOL see: SM0175000
TENICID see: MW5150000
TENITE 423 see: UD1842000
TENITE 800 see: TQ3325000
TENITE 1811 see: TQ3325000
TENITE 2910 see: TQ3325000
TENITE 2918 see: TQ3325000
TENITE 3300 see: TQ3325000
TENITE 3340 see: TQ3325000
TENITE 4231 see: UD1842000
TENITE 423DF see: UD1842000
TENITE P 7673-079F see: UD1842000
TENNECETIN see: TK3325000
TENNECO 1742 see: KV0350000
TENN-PLAS see: DG0875000
TENNUS 0565 see: AK0950000
TENORAN see: YS6125000
TENORMIN see: AC3600000
TENOX BHA see: SL1945000
TENOX BHT see: GO7875000
TENOX HQ see: MX3500000
TENOX PG see: LW8400000
TENOX P GRAIN PRESERVATIVE see: UE5950000
TENOX TBHQ see: MX4375000
TENSANYL see: ZG0350000
TENSERLIX see: ZG0350000
TENSERPINE 'ASSIA' see: ZG0350000
TENSERPINIE see: ZG0350000
TENSIBAR see: ZF9385000
TENSICOR see: AG6475000
TENSIFEN see: EK2450000
TENSINYL see: DE9450000
TENSIONAL see: ZG0350000
TENSIONORME see: ZG0350000
TENSIVAL see: TI4375000
TENSOL see: TZ0175000
TENSOL 7 see: TR0400000
TENSONAL see: TZ0175000
TENSOPAM see: DF1575000
TENSYL see: AX7875000
TENTRATE-20 see: RZ2620000
TENUAZONIC ACID see: UY7425000
L-TENUAZONIC ACID see: UY7425000
TENULIN see: BD9640000
TENURID see: JO1225000
TENUTEX see: JO1225000
TEOBROMIN see: XH2275000
TEODRAMIN see: XH5082000
TEOFILCOLINA see: GA7420000
TEOFILINA-ACETICO Na (Spanish) see: UO7453000
2-(7'-TEOFILLINMETIL)-1,3-DIOSSOLANO (Italian) see: XH5135000
TEOFYLLAMIN see: XH3850000
TEOKOLIN see: GA7420000
TEOLAXIN see: CQ6825000
TEOLIT see: VS2200000
TEOLOXIN see: CQ6825000
TEONANACATL see: NM3150000
TEOPROLOL see: UO8437700
TEOS see: VV9450000
TEOTAM see: UO7452200
TEP see: TC7900000
TEP see: UX6825000
TEPA see: SZ1750000

WY8410000 TEPHROSIA FALCIFORMIS Ramaswamy, extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:46500 ug/kg IJEBA6 18,594,80

WY8420000 TEPHROSIA PURPUREA (L.) Pers., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 7,250,69)
UPDT:8302
SYN: SARPHONKA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:350 mg/kg IJEBA6 7,250,69

WY8426000 TEPHROSIA VOGELII, root extract
DEF:Madagascan plant belonging to the family PAPILLONACEAE (CHDDAT 290,219,80)
UPDT:8405
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:825 mg/kg CHDDAT 290,219,80
TEPILTA see: AC3325000
TEPOGEN see: XH8920000
TEPP see: UX6825000
TEPPAN STEM BARK EXTRACT (Indian) see: MG2388500
TEPSERPINE see: ZG0350000
TEQUINOL see: MX3500000
TERABOL see: PA4900000
TERALEN see: SO5700000
TERALIN see: UT1750000
TERALLETHRIN see: GZ2093000
TERALUTIL see: TU5085000
TERAMETHYL THIURAM DISULFIDE see: JO1400000
TERANOL see: AE4222000
TERASIL YELLOW GBA EXTRA see: AC3662000
TERASIL YELLOW 2GC see: AC3662000
TERBACIL see: YQ9360000
TERBENOL see: RD2625000
TERBENOL HYDROCHLORIDE see: NP7225000

WY9110000 TERBIUM CHLORIDE, HEXAHYDRATE
UPDT:8405 CAS: 13798-24-8 MW: 373.39 MOLFM: Cl3-Tb .6H2-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5100 mg/kg JPMSAE 54,663,65
* ipr-mus LD50:550 mg/kg JPMSAE 54,663,65
TERBOLAN see: ZG0350000
TERBUFOS see: TD7200000
TERBUMETON see: XY5020000
TERBUTALINE SULFATE see: DN9000000
TERBUTALINE SULPHATE see: DN9000000
TERBUTHYLAZINE see: XY4550000
TERBUTREX see: XY4725000
TERBUTRYN see: XY4725000
TERCININ see: LV2625000
TERCRYL, combustion products see: AT6975000
TERCYL see: FC5950000
TEREBENTHINE (French) see: YO8400000
TEREFTALODINITRIL (Czech) see: CZ1925000
TEREPHTALDEHYDE see: WZ0430000

TEREPHTALDEHYDES (French) see: WZ0430000

WZ0430000 TEREPHTHALALDEHYDE
UPDT:8407 CAS: 623-27-8 MW: 134.14 MOLFM: C8-H6-O2
SYN: p-BENZENEDICARBOXALDEHYDE * 1,4-BENZENEDICARBOXALDEHYDE (9CI) * 1,4-DIFORMYLBENZENE * p-FORMYLBENZALDEHYDE * 4-FORMYLBENZALDEHYDE * p-PHTHALALDEHYDE * TEREPHTALDEHYDE * TEREPHTALDEHYDES (French) * TEREPHTHALIC ALDEHYDE
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:805 mg/kg COREAF 246,851,58
unk-mus LDLo:805 mg/kg COREAF 246,851,58
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WZ0525000 TEREPHTHALAMIC ACID, N-ISOPROPYL-
UPDT:8401 CAS: 779-47-5 MW: 207.25 MOLFM: C11-H13-N-O3
SYN: BENZOIC ACID, 4-(((1-METHYLETHYL)AMINO)CARBONYL)- (9CI) * N-ISOPROPYL TEREPHTHALAMIC ACID * TEREPHTHALIC ACID ISOPROPYLAMIDE
TUMORIGENIC DATA AND REFERENCES:
2V03J60 orl-mus TDLo:1936 mg/kg/8W-I JNCIAM 42,337,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WZ0760000 TEREPHTHALAMIDE, N,N'-DIMETHYL-N,N'-DINITROSO-
UPDT:8403 CAS: 133-55-1 MW: 250.24 MOLFM: C10-H10-N4-O4
SYN: 1,4-BENZENEDICARBOXAMIDE, N,N'-DIMETHYL-N,N'-DINITROSO- (9CI) * N,N'-DINITROSO-N,N'-DIMETHYLTEREPHTALSAUREAMID (German)
MUTATION DATA AND REFERENCES:
mmo-smc 1 mmol/L/30M ZEVBA5 95,82,64
mrc-smc 800 nmol/L ZEVBA5 98,230,66
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ IN EPA GENETIC TOXICOLOGY PROGRAM 1984

WZ0875000 TEREPHTHALIC ACID
UPDT:8408 CAS: 100-21-0 MW: 166.14 MOLFM: C8-H6-O4
SYN: ACIDE TEREPHTALIQUE (French) * p-BENZENEDICARBOXYLIC ACID * 1,4-BENZENEDICARBOXYLIC ACID * KYSELINA TERFTALOVA (Czech) * TA 12 * TA-33MP
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H MOD 28ZPAK -,52,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:18800 mg/kg 28ZPAK -,52,72
* orl-mus LDLo:10 gm/kg 85GMAT -,107,82
ipr-mus LD50:1430 mg/kg CPBTAL 16,1655,68
ivn-dog LDLo:767 mg/kg TXAPA9 18,469,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BPCT** -,183,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

WZ0883100 TEREPHTHALIC ACID, BIS(3-DIBUTYLAMINOPROPYL) ESTER, HYDROCHLORIDE
UPDT:8405 MW: 541.30 MOLFM: C30-H52-N2-O4 .Cl-H
SYN: BIS(DI-n-BUTYLAMINO-n-PROPYL) TEREPHTHALATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 ipr-mus LD50:390 mg/kg JAPMA8 45,382,56

WZ0883200 TEREPHTHALIC ACID, BIS(2-DIETHYLAMINOETHYL) ESTER, HYDROCHLORIDE
UPDT:8405 MW: 401.00 MOLFM: C20-H32-N2-O4 .Cl-H
SYN: BIS(DIETHYLAMINOETHYL) TEREPHTHALATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 ipr-mus LD50:1735 mg/kg JAPMA8 45,382,56
1C17 ivn-mus LD50:110 mg/kg JAPMA8 45,382,56

WZ0883300 TEREPHTHALIC ACID, BIS(2-DIMETHYLAMINOETHYL) ESTER, HYDROCHLORIDE
UPDT:8405 MW: 344.88 MOLFM: C16-H24-N2-O4 .Cl-H
SYN: BIS(DIMETHYLAMINOETHYL) TEREPHTHALATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 ipr-mus LD50:1500 mg/kg JAPMA8 45,382,56
1C17 ivn-mus LD50:155 mg/kg JAPMA8 45,382,56

WZ1221000 TEREPHTHALIC ACID, DIBUTYL ESTER
UPDT:8312 CAS: 1962-75-0 MW: 278.38 MOLFM: C16-H22-O4
SYN: 1,4-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER * DIBUTYL TEREPHTHALATE
TOXICITY DATA AND REFERENCES:
2D28F07 ipr-mus LDLo:1392 mg/kg JPMSAE 56,1446,67

WZ1222000 TEREPHTHALIC ACID, DICYCLOPENTYL ESTER
UPDT:8312 CAS: 18699-50-8 MW: 302.40 MOLFM: C18-H22-O4
SYN: 1,4-BENZENEDICARBOXYLIC ACID, DICYCLOPENTYL ESTER * DICYCLOPENTYL TEREPHTHALATE
TOXICITY DATA AND REFERENCES:
2D28F07 ipr-mus LDLo:1512 mg/kg JPMSAE 56,1446,67

WZ1223000 TEREPHTHALIC ACID, DIDODECYL ESTER
UPDT:8312 CAS: 18749-84-3 MW: 502.86 MOLFM: C32-H54-O4
SYN: 1,4-BENZENEDICARBOXYLIC ACID, DIDODECYL ESTER * DIDODECYL TEREPHTHALATE
TOXICITY DATA AND REFERENCES:
2D28F07 ipr-mus LDLo:2514 mg/kg JPMSAE 56,1446,67

WZ1223200 TEREPHTHALIC ACID, DIESTER with 2-METHYL-1-PIPERIDINEPROPANOL, HYDROCHLORIDE
UPDT:8405 MW: 481.14 MOLFM: C26-H40-N2-O4 .Cl-H
SYN: BIS(alpha-METHYLPIPERIDINO-n-PROPYL) TEREPHTHALATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1C17 ipr-mus LD50:312 mg/kg JAPMA8 45,382,56

WZ1223400 TEREPHTHALIC ACID, DIETHYL ESTER
UPDT:8401 CAS: 636-09-9 MW: 222.26 MOLFM: C12-H14-O4
SYN: 1,4-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER * DIETHYL TEREPHTHALATE
TOXICITY DATA AND REFERENCES:
2D28F07 ipr-mus LDLo:1111 mg/kg JPMSAE 56,1446,67
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WZ1223600 TEREPHTHALIC ACID, DIISOBUTYL ESTER
UPDT:8401 CAS: 18699-48-4 MW: 278.38 MOLFM: C16-H22-O4
SYN: 1,4-BENZENEDICARBOXYLIC ACID, BIS(2-METHYLPROPYL) ESTER
TOXICITY DATA AND REFERENCES:
2D28F07 ipr-mus LDLo:1392 mg/kg JPMSAE 56,1446,67

WZ1223700 TEREPHTHALIC ACID, DIISOPROPYL ESTER
UPDT:8312 CAS: 6422-84-0 MW: 250.32 MOLFM: C14-H18-O4
SYN: 1,4-BENZENEDICARBOXYLIC ACID, BIS(1-METHYLETHYL) ESTER * DIISOPROPYL TEREPHTHALATE
TOXICITY DATA AND REFERENCES:
2D28F07 ipr-mus LDLo:1251 mg/kg JPMSAE 56,1446,67

WZ1225000 TEREPHTHALIC ACID, DIMETHYL ESTER
UPDT:8412 CAS: 120-61-6 MW: 194.20 MOLFM: C10-H10-O4
SYN: 1,4-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (9CI) * DIMETHYL 1,4-BENZENEDICARBOXYLATE * DIMETHYLESTER KYSELINY ISOFTALOVE (Czech) * DIMETHYL p-PHTHALATE * DIMETHYL TEREPHTHALATE * DMT * METHYL 4-CARBOMETHOXYBENZOATE * NCI-C50055 * TEREPHTHALIC ACID METHYL ESTER
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H MOD 28ZPAK -,47,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4390 mg/kg 28ZPAK -,47,72
ipr-rat LD50:3900 mg/kg AIHAAP 34,455,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BPCT** -,183,74
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE, RAT (NCITR* NCI-CG-TR-121,79)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

WZ1228000 TEREPHTHALIC ACID, DIPENTYL ESTER
UPDT:8312 CAS: 1818-95-7 MW: 306.44 MOLFM: C18-H26-O4
SYN: 1,4-BENZENEDICARBOXYLIC ACID, DIPENTYL ESTER * DIPENTYL TEREPHTHALATE
TOXICITY DATA AND REFERENCES:
2D28F07 ipr-mus LDLo:1532 mg/kg JPMSAE 56,1446,67

WZ1229000 TEREPHTHALIC ACID, DIPROPYL ESTER
UPDT:8312 CAS: 1962-74-9 MW: 250.32 MOLFM: C14-H18-O4
SYN: 1,4-BENZENEDICARBOXYLIC ACID, DIPROPYL ESTER * DIPROPYL TEREPHTHALATE
TOXICITY DATA AND REFERENCES:
2D28F07 ipr-mus LDLo:1251 mg/kg JPMSAE 56,1446,67

TEREPHTAHLIC ACID-ETHYLENE GLYCOL POLYESTER see: TR2725000
TEREPHTHALIC ACID ISOPROPYLAMIDE see: WZ0525000
TEREPHTHALIC ACID METHYL ESTER see: WZ1225000

WZ1500000 TEREPHTHALIC ACID, TETRACHLORO-, DIMETHYL ESTER
UPDT:8402 CAS: 1861-32-1 MW: 331.96 MOLFM: C10-H6-Cl4-O4
SYN: 1,4-BENZENEDICARBOXYLIC ACID, 2,3,5,6-TETRACHLORO-, DIMETHYL ESTER * CHLOROTHAL * CHLORTHAL-DIMETHYL * CHLORTHAL-METHYL * DAC 893 * DACTHAL * DACTHALOR * DCPA * DIMETHYL TETRACHLOROTEREPHTHALATE * DIMETHYL 2,3,5,6-TETRACHLOROTEREPHTHALATE * FATAL * 2,2,5,6-TETRACHLORPHTHALSAURE-DIMETHYLESTER (German) * TETRACHLOROTEREPHTHALIC ACID DIMETHYL ESTER * 2,3,5,6-TETRACHLOROTEREPHTHALIC ACID, DIMETHYL ETHER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:320 mg/kg CSLNX* NX#02634
* unk-mus LD50:3500 mg/kg TGANAK 16(1),45,82

TEREPHTHALIC ACID, TETRACHLOROTHIO-, o,S-DIMETHYL ESTER (8CI) see: XN7525000
TEREPHTHALIC ALDEHYDE see: WZ0430000
TEREPHTHALIDENEDIETHYLENEDIAMINE see: BA7005000
TEREPHTHALONITRILE see: CZ1925000
TEREPHTHALOYLBIS(IMINOETHYLENE)BIS(TRIMETHYLAMMONIUM IODIDE) see: BS5338000
(TEREPHTHALOYLDIMETHYLENE)BIS(((2-HYDROXYCYCLOHEXYL)METHYL)DIMETHYLAMMONIUM) DIBROMIDE see: BS5338600
TEREPHTHALYLETHYENEIMINE see: CM8870000
TERETON see: AI9100000
TERFAN see: TR2725000
TERFENADINE see: TM4969000
TERFLUZINE see: SP1500000
TERFLUZINE see: SP1750000
TERFLUZINE DIHYDROCHLORIDE see: SP1750000
TERGAL see: TR2725000
TERGEMIST see: MP0700000
TERGIMIST see: MP0700000
TERGITOL see: YQ2800000
TERGITOL 08 see: MP0700000
TERGITOL 4 see: YQ2800000
TERGITOL 4 see: XB8660000
TERGITOL 7 see: YD4550000
TERGITOL ANIONIC 4 see: YQ2800000
TERGITOL ANIONIC 7 see: MM0225700
TERGITOL ANIONIC 08 see: MP0700000
TERGITOL NO 7 see: YD4550000
TERGITOL NONIONIC XD see: MD0911000

WZ4375000 TERGITOL NP-27
UPDT:8401 CAS: 9016-45-9 MOLFM: (C2-H4-O)n-C15-H24-O
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 7/14/65
eye-rbt 15 mg SEV UCDS** 7/14/65
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3670 mg/kg UCDS** 7/14/65
skn-rbt LD50:1780 mg/kg UCDS** 7/14/65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WZ4725000 TERGITOL NP-35 (nonionic)
UPDT:8401 CAS: 9016-45-9 MOLFM: (C2-H4-O)n-C15-H24-O
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4000 mg/kg UCDS** 9/22/64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WZ4750000 TERGITOL NP-40 (nonionic)
UPDT:8401 CAS: 9016-45-9 MOLFM: (C2-H4-O)n-C15-H24-O
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 11/8/71
TOXICITY DATA AND REFERENCES:
orl-rat LD50:16 gm/kg UCDS** 11/8/71
skn-rbt LD50:4490 mg/kg UCDS** 11/8/71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TERGITOL NPX see: MD0900000
TERGITOL PENETRANT 4 see: YQ2800000

WZ5110000 TERGITOL PENETRANT 7
UPDT:8307
IRRITATION DATA AND REFERENCES:
eye-rbt 450 mg SEV AROPAW 40,668,48
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5660 mg/kg JIHTAB 30,63,48

WZ5300000 TERGITOL 15-S-5
UPDT:8401 CAS: 68131-40-8
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 12/16/68
eye-rbt 100 mg MLD UCDS** 12/16/68
TOXICITY DATA AND REFERENCES:
orl-rat LD50:8570 mg/kg UCDS** 12/16/68
skn-rbt LD50:4000 mg/kg UCDS** 12/16/68
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WZ5425000 TERGITOL 15-S-7 (nonionic)
UPDT:8401 CAS: 68131-40-8
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 7/17/69
eye-rbt 5 mg SEV UCDS** 7/17/69
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3250 mg/kg UCDS** 7/17/69
skn-rbt LD50:3180 mg/kg UCDS** 7/17/69

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WZ5600000 TERGITOL 15-S-9
UPDT:8401 CAS: 68131-40-8
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 1/20/72
eye-rbt 1 mg SEV UCDS** 1/20/72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2380 mg/kg UCDS** 1/20/72
skn-rbt LD50:2000 mg/kg UCDS** 1/20/72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WZ5775000 TERGITOL 15-S-9 (nonionic)
UPDT:8401 CAS: 68131-40-8
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 2/7/66
eye-rbt 1 mg SEV UCDS** 2/7/66
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2380 mg/kg UCDS** 2/7/66
skn-rbt LD50:2000 mg/kg UCDS** 2/7/66
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WZ5950000 TERGITOL 15-S-12 (nonionic)
UPDT:8401 CAS: 68131-40-8
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 1/20/72
eye-rbt 5 mg SEV UCDS** 1/20/72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3530 mg/kg UCDS** 1/20/72
skn-rbt LD50:4000 mg/kg UCDS** 1/20/72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WZ5980000 TERGITOL 15-S-15
UPDT:8401 CAS: 68131-40-8
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 11/22/68
eye-rbt 100 mg MLD UCDS** 11/22/68
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6500 mg/kg UCDS** 11/22/68
skn-rbt LD50:8000 mg/kg UCDS** 11/22/68
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

WZ6000000 TERGITOL 15-S-20
UPDT:8401 CAS: 68131-40-8
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 11/22/68
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5660 mg/kg UCDS** 11/22/68
skn-rbt LD50:11 gm/kg UCDS** 11/22/68
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TERGITOL TP-9 (nonionic) see: MD0905000
TERGITOL XD (nonionic) see: MD0911000
TERIAM see: UO3470000
TERIC 12A see: MD0875000
TERIDAX see: MW5280000
TERIDIN see: UO3470000
TERI[illegible]N see: LV2625000
TERIT see: UU7785500
TERLURAN see: AT6970000
TERLURAN 877 see: AT6970000
TERLURAN 877 1 see: AT6970000
TERMIL see: NT2600000

WZ6265035 TERMINALIA ARJUNA (Roxb.) Wight & Arn., extract excluding roots
DEF:Indian plant belonging to the family COMBRETACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

WZ6265040 TERMINALIA ARJUNA W. & A., stem bark extract
DEF:Indian plant belonging to the family COMBRETACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: ARJUN STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:187 mg/kg IJEBA6 12,512,74

WZ6265045 TERMINALIA CATAPPA L., leaf and stem extract
DEF:Jamaican plant belonging to the family COMBRETACEAE (JPPMAB 16,115,64)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:20 gm/kg JPPMAB 16,115,64
TERMINALIA CHEBULA RETZ TANNIN see: QH5350000

WZ6265100 TERMINALIA CRENULATA Roth., stem bark extract
DEF:Indian plant belonging to the family COMBRETACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: PAKASAJ STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
3J30M10U26 ipr-mus LD50:375 mg/kg IJEBA6 12,512,74

WZ6265200 TERMINALIA MULERII Benth., extract excluding roots
DEF:Indian plant belonging to the family COMBRETACEAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 9,91,71

WZ6265300 TERMINALIA MYRIOCARPA Houck & Muell.-Arg., extract excluding roots
DEF:Indian plant belonging to the family COMBRETACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: PANISAJ EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 11,43,73

WZ6265400 TERMINALIA PANICULATA Roth., stem bark extract
DEF:Indian plant belonging to the family COMBRETACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: PELKAKARUDU STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
2H30V30 ipr-mus LD50:100 mg/kg IJEBA6 12,512,74
TERMITKIL see: CZ4500000
TERM-I-TROL see: SM6300000
TERMOSOLIDO RED LCG see: DB5500000

WZ6275000 TERNSTROEMIA JAPONICA Linn., extract excluding roots
DEF:Indian plant belonging to the family TERNSTROEMIACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
3H30J30M10 ipr-mus LD50:375 mg/kg IJEBA6 12,512,74

TEROFEKAMATE see: CB2975100
TEROLUT see: TU3671000
TEROM see: TR2725000
TERPENE HYDROCHLORIDE see: ED6190000 BORNANE, 2-CHLORO-, endo-

WZ6400000 TERPENE POLYCHLORINATES
UPDT:8401 CAS: 8001-50-1
SYN: COMPOUND 3961 * DICHLORICIDE AEROSOL * DICHLORICIDE MOTHPROOFER * ENT 19,442 * INSECTICIDE 3960-X14 * STROBANE * 3960-X14
TUMORIGENIC DATA AND REFERENCES:
3V0TL60P62 orl-mus TDLo:1272 mg/kg/79W-I-C JNCIAM 42,1101,69
TOXICITY DATA AND REFERENCES:
orl-rat LD50:200 mg/kg PCOC** -,1071,66
unk-rat LD50:250 mg/kg 30ZDA9 -,52,71
orl-dog LD50:200 mg/kg PCOC** -,1071,66
orl-ckn LD50:139 mg/kg TXAPA9 3,521,61
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BSCVA2 5,250,70
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 5,219,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
TERPENTINOEL (German) see: TK5100000
TERPENTIN OEL (German) see: YO8400000
TERPHAN see: TR2725000

WZ6470000 m-TERPHENYL
UPDT:8404 CAS: 92-06-8 MW: 230.32 MOLFM: C18-H14
SYN: m-DIPHENYLBENZENE * ISODIPHENYLBENZENE * SANTOWAX M * 1,3-TERPHENYL * m-TRIPHENYL
TOXICITY DATA AND REFERENCES:
2K12R21 orl-rat LD50:2400 mg/kg AIHAAP 23,372,62
REVIEW AND REFERENCES:
★ TLV-CL 500 ppb DTLVS* 4,388,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 1 ppm FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S27
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

WZ6472000 o-TERPHENYL
UPDT:8404 CAS: 84-15-1 MW: 230.32 MOLFM: C18-H14
SYN: 1,2-DIPHENYLBENZENE
TOXICITY DATA AND REFERENCES:
2K12R21 orl-rat LD50:1900 mg/kg AIHAAP 23,372,62
REVIEW AND REFERENCES:
★ TLV-CL 500 ppb DTLVS* 4,388,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 1 ppm FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S27
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

WZ6475000 p-TERPHENYL
UPDT:8404 CAS: 92-94-4 MW: 230.32 MOLFM: C18-H14
SYN: BIPHENYL, 4-PHENYL- * p-DIPHENYLBENZENE * 1,4-DIPHENYLBENZENE * 4-PHENYLBIPHENYL * 4-PHENYLDIPHENYL * SANTOWAX P * p-TRIPHENYL
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg NCNSA6 5,26,53
REVIEW AND REFERENCES:
★ TLV-CL 500 ppb DTLVS* 4,388,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:Cl 1 ppm (SCP-C) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S27
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
1,1':3',1''-TERPHENYL- (9CI) see: WZ6530000
1,3-TERPHENYL see: WZ6470000

WZ6500000 TERPHENYL, CHLORINATED
UPDT:8404 CAS: 61788-33-8
SYN: KANECHLOR 500 * KANECHLOR C * PCT * POLYCHLORINATED TERPHENYL
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-mus TDLo:11 gm/kg/24W-C CALEDQ 4,271,78
2V03L60 orl-mus TD :10080 mg/kg/24W-C JTSCDR 3,259,78
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 5014
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WZ6530000 m-TERPHENYL, 5'-PHENYL-
UPDT:8401 CAS: 612-71-5 MW: 306.42 MOLFM: C24-H18
SYN: 5'-PHENYL-m-TERPHENYL * SYMMETRICAL TRIPHENYLBENZENE * 1,1':3',1''-TERPHENYL- (9CI) * TRIPHENYLBENZENE * 1,3,5-TRIPHENYLBENZENE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:1400 mg/kg/35W-I AJCAA7 26,754,36
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WZ6535000 TERPHENYLS, HYDROGENATED
DEF:A mixture of o,m,p 40% hydrogenated TERPHENYLS (DTLVS* 4,220,80)
UPDT:8201
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:17500 mg/kg DTLVS* 4,220,80
* orl-mus LD50:12500 mg/kg DTLVS* 4,220,80
REVIEW AND REFERENCES:
★ TLV-TWA 500 ppb DTLVS* 4,220,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 1 ppm FEREAC 39,23540,74
p-TERPHENYL-4-YLACETAMIDE see: AC8520000
alpha-TERPINENE see: OS8060000
[illegible] o-TERPINENE see: OS8070000
TERPINEN-4-OL see: OT0175110
4-TERPINENOL see: OT0175110

WZ6600000 TERPINEOL
UPDT:8305 CAS: 8006-39-1 MW: 154.28 MOLFM: C10-H18-O
SYN: MIXTURE of p-METHENOLS * TERPINEOLS
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,997,74
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4300 mg/kg FCTXAV 12,997,74
4-TERPINEOL see: OT0175110
alpha-TERPINEOL, ACETATE see: OT0200000
TERPINEOL PROPIONATE see: WZ6920000
TERPINEOLS see: WZ6600000

WZ6870000 TERPINOLENE
UPDT:8312 CAS: 586-62-9 MW: 136.26 MOLFM: C10-H16

SYN: CYCLOHEXENE, 1-METHYL-4-(1-METHYLETHYLIDENE)- * TERPINOLENE (DOT) * UN 2541 (DOT)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4390 mg/kg FCTXAV 14,877,76
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172,102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TERPINOLENE (DOT) see: WZ6870000
TERPINYL ACETATE see: OT0200000
TERPINYL FORMATE see: OT0220000

WZ6920000 TERPINYL PROPIONATE
DEF:May be a mixture of alpha, beta and gamma isomers (FCTXAV 12,807,74)
UPDT:8305 MW: 210.35 MOLFM: C13-H22-O2
SYN: p-MENTHANYL PROPIONATE * PROPIONIC ACID, TERPINEOL ESTER * TERPINEOL PROPIONATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 12,1001,74

TERPINYL THIOCYANOACETATE see: AJ6300000
delta-1,8-TERPODIENE see: OS8100000

WZ7108000 (N,4':N',4''-TERPYRROLE)-2-CARBOXAMIDE, N''-(2-AMIDINOETHYL)-4-FORMAMIDO-1,1',1''-TRIMETHYL-
UPDT:8311 CAS: 636-47-5 MW: 481.58 MOLFM: C22-H27-N9-O4
SYN: DISTAMYCIN A * STALLIMYCIN
MUTATION DATA AND REFERENCES:
dnd-hmn:leu 1 mg/L ECREAL 111,327,78
dnd-mam:lym 500 umol/L MLBRBU 2,135,75
cyt-ctl:lym 24 mg/L HEREAY 96,269,82
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg 85FZAT -,258,67
* ivn-mus LD50:75 mg/kg 85FZAT -,258,67

WZ7110000 (N,4':N',4''-TERPYRROLE)-2-CARBOXAMIDE, N''-(2-AMIDINOETHYL)-4-FORMAMIDO-1,1',1''- TRIMETHYL-, HYDROCHLORIDE
UPDT:8403 CAS: 6576-51-8 MW: 518.04 MOLFM: C22-H27-N9-O4 Cl-H
SYN: DISTAMYCIN A HYDROCHLORIDE * HERPERAL * STALLIMYCIN HYDROCHLORIDE
MUTATION DATA AND REFERENCES:
dni-mus:lym 1900 nmol/L CBINA8 8,183,74
oms-mus:lym 3200 nmol/L CBINA8 8,183,74
dnd-mam:lym 200 umol EJBCAI 26,81,72
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg MEIEDD 10,1256,83
* ivn-mus LD50:75 mg/kg MEIEDD 10,1256,83

TERRA ALBA see: EW4150000
TERRACHLOR see: DA6650000
TERRACHLOR-SUPER X see: XI3875000
TERRACLOR see: DA6650000
TERRACOAT see: XI3875000
TERRACOAT L21 see: XI3875000
TERRACOTTA 2RN see: VO5310000
TERRA COTTA RRN see: VO5310000
TERRACUR see: XI2400000
TERRACUR P see: TF3850000
TERRACYDIN see: AM4375000
TERRAFLO see: XI3875000
TERRAFUN see: DA6650000
TERRAFUNGINE see: QI7875000
TERRAKLENE see: DW2275000
TERRAMITSIN see: QI7875000
TERRAMYCIN see: QI7875000
TERRAMYCIN HYDROCHLORIDE see: QI8225000
TERRAMYCIN-X see: QI9296100
TERRA-SYSTAM see: TD4025000
TERRA-SYTAM see: TD4025000
TERRASYTUM see: TD4025000
TERRAZOLE see: XI3875000

WZ9400000 TERRECYCLIC ACID A
DEF:Isolated from the culture filtrate of ASPERGILLUS TERREUS (JANTAJ 35,778,82)
UPDT:8303 MW: 248.35 MOLFM: C15-H20-O3
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:63 mg/kg JANTAJ 35,778,82

WZ9470000 TERR-O-CIDE
UPDT:8310 CAS: 60440-57-5
TOXICITY DATA AND REFERENCES:
* ihl-mam LCLo:20 ppm FMCHA2 -,C231,83

WZ9490000 TERR-O-GAS
DEF:Various percentage proportions of METHYL BROMIDE and CHLOROPICRIN (FMCHA2 -,C232,83)
UPDT:8309
TOXICITY DATA AND REFERENCES:
* ihl-mam LCLo:200 ppm FMCHA2 -,C232,83

TERR-O-GAS 100 see: FA4900000
TERR-O-GEL see: PB6325000
TERSAN see: JO1400000
TERSAN 75 see: JO1400000
TERSAN 1991 see: DD6475000
TERSAN-LSR see: OP0700000
TERSAN-SP see: CZ4750000
TERSASEPTIC see: SM0700000

WZ9645500 TERSA TAR
DEF:Commercial preparation of coal tar shampoo which has high BENZO(a)PYRENE concentration(PHMGBN 20,1,80)
UPDT:8305
MUTATION DATA AND REFERENCES:
mmo-sat 5 mg/plate PHMGBN 20,1,80
mma-sat 5 mg/plate PHMGBN 20,1,80

TERSAVID see: TO7874000
TERSAVIDE see: TO7874000
O-(4-TERT BUTYL-2-CHLOOR-FENYL)-O-METHYL-FOSFORZUUR-N-METHYL-AMIDE (Dutch) see: TB3850000
TERTIARY BUTYL ISOPROPYL BENZENE HYDROPEROXIDE (DOT) see: MX2430000
TERTRACID FAST BLUE SR see: QJ6300000
TERTRACID LIGHT ORANGE G see: QJ6500000
TERTRACID LIGHT YELLOW 2R see: DB5042500
TERTRACID MILLING YELLOW R see: DV3910000
TERTRACID ORANGE I see: DB7085000
TERTRACID ORANGE II see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-, MONOSODIUM SALT
TERTRACID PONCEAU 2R see: QJ6825000
TERTRACID RED A see: QJ6550000
TERTRACID RED CA see: QK1925000
TERTRACID YELLOW M see: DB7329500
TERTRAL D see: SS8050000
TERTRAL EG see: SJ4900000
TERTRAL ERN see: QL2800000
TERTRAL G see: XS9625000
TERTRAL P BASE see: SJ5075000
TERTRANESE YELLOW N-2GL see: AC3662000
TERTROCHROME BLUE B see: QK2195000
TERTROCHROME BLUE FB see: QK1925000
TERTROCHROME YELLOW 3R see: VO5310000
TERTRODIRECT BLACK E see: QJ6160000
TERTRODIRECT BLUE 2B see: QJ6400000
TERTRODIRECT BLUE F see: QJ6420000
TERTRODIRECT BLUE FF see: QJ6430000
TERTRODIRECT FAST BROWN BR see: GL7375000
TERTRODIRECT GREEN BG see: QJ6195050
TERTRODIRECT RED 4B see: QK1765000
TERTRODIRECT RED C see: QK1400000
TERTRODIRECT VIOLET N see: QK1420000
TERTROGRAS ORANGE SV see: QL4900000
TERTROGRAS RED N see: QL5775000
TERTROPHENE BRILLIANT GREEN G see: BP6825000
TERTROPHENE BROWN CG see: ST3380000
TERTROPIGMENT ORANGE LRN see: QL3854000
TERTROPIGMENT RED HAB see: QK4247000
TERTROPIGMENT RED P2G see: QL3854000
TERTROPIGMENT SCARLET LRN see: QK4247000
TERTROSULPHUR BLACK PB see: SL2800000
TERULAN KP 2540 see: AT6978000
TERULAN KR 2540 see: AT6978000
O-(4-TERZ.-BUTIL-2-CLORO-FENIL)-O-METIL-FOSFORAMMIDE (Italian) see: TB3850000
TESCOL see: KW2975000
TESERENE see: SL0580000
TESLAC see: VS2200000
TESLAK see: VS2200000
TESLEN see: XA3030000
TESNOL see: UB7525000
TESPA see: SZ2975000
TESPAMIN see: SZ2975000
TESPAMINE see: SZ2975000
TESTAFORM see: XA3115000
TEST-ANABOL see: BV8380900 ANDROST-4-EN-3-ONE, 4-CHLORO-17-beta-HYDROXY-, ACETATE
TESTANDRONE see: XA3030000
TESTASCORBIC see: CI7650000
TESTATE see: XA3080000
TESTAVOL see: VH6750000
TESTEX see: XA3115000
TESTHORMONE see: BV8400000
TESTICULAR HYALURONIDASE see: MT7260000
TESTICULOSTERONE see: XA3030000
TESTOBASE see: XA3030000
TESTODET see: XA3115000
TESTODIOL see: BV8100000
TESTODRIN see: XA3115000
TESTODRIN PROLONGATUM see: XA3066000
TESTOGEN see: XA3115000
TESTOLACTON see: VS2200000
TESTOLACTONE see: VS2200000
delta(sup 1)-TESTOLACTONE see: VS2200000
TESTOMED see: BV8380900 ANDROST-4-EN-3-ONE, 4-CHLORO-17-beta-HYDROXY-, ACETATE
TESTONIQUE see: XA3115000
TESTOPROPON see: XA3030000
TESTORA see: BV8400000
TESTORAL see: BV8390000
TESTORMOL see: XA3115000
TESTOSTEROID see: XA3030000
TESTOSTERON see: XA3030000

XA3030000 TESTOSTERONE
UPDT:8412 CAS: 58-22-0 MW: 288.47 MOLFM: C19-H28-O2
SYN: ANDROLIN * ANDROST-4-EN-3-ONE, 17-HYDROXY-, (17-beta)- * ANDRONAQ * ANDROST-4-EN-17beta-OL-3-ONE * delta(sup 4)-ANDROSTEN-17(beta)-OL-3-ONE * ANDROST-4-EN-3-ONE, 17-beta-HYDROXY- * ANDRUSOL * CRISTERONE T * GENO-CRISTAUX GREMY * HOMOSTERON * HOMOSTERONE * 17-beta-HYDROXY-delta(sup 4)-ANDROSTEN-3-ONE * 17-beta-HYDROXYANDROST-4-EN-3-ONE * 17-beta-HYDROXY-4-ANDROSTEN-3-ONE * 7-beta-HYDROXYANDROST-4-EN-3-ONE * MALESTRONE (AMPS) * MERTESTATE * NEO-TESTIS * ORETON * ORETON-F * ORQUISTERON * PERANDREN * PERCUTACRINE ANDROGENIQUE * PRIMOTEST * PRIMOTESTON * SUSTANONE * SYNANDROL F * TESLEN * TESTANDRONE * TESTICULOSTERONE * TESTOBASE * TESTOPROPON * TESTOSTEROID * TESTOSTERON * trans-TESTOSTERONE * TESTOSTERONE HYDRATE * TESTOSTOSTERONE * TESTOVIRON SCHERING * TESTOVIRON T * TESTRONE * TESTRYL * VIRORMONE * VIROSTERONE
MUTATION DATA AND REFERENCES:
spm-nml-par 12 mg/BW-I JEZOAO 205,403,78
dni-hmn:lym 50 umol/L PSEBAA 146,401,74
dni-hmn:kdy 100 ug/L CNJGA8 10,299,68
cyt-hmn:kdy 100 ug/L CNJGA8 10,299,68
dnd-mus:lvr 100 umol/L ENZYAS 41,183,71
dnd-mam:lym 10 umol/L ENZYAS 41,183,71
dnd-mam:lvr 1 umol/L ENZYAS 41,183,71
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T53 unk-wmn TDLo:34600 ug/kg (7-13W preg) AMDCA5 95,9,58
1T53 orl-rat TDLo:100 mg/kg (17-20D preg) ECJPAE 24,77,77
1T03 orl-rat TDLo:64 mg/kg (10D male) JPMSAE 71,514,82
1T27 scu-rat TDLo:7 mg/kg (10-16D preg) JPHYA7 164,138,62
2T16T25 scu-rat TDLo:4 mg/kg (9D preg) JOENAK 18,271,59
1T24 scu-rat TDLo:20 mg/kg (5D preg) JOENAK 18,271,59
3T01T02T03 scu-rat TDLo:8400 ug/kg (21D male) ACENA7 49,145,65
1T29 scu-rat TDLo:1400 ug/kg (14D pre) CCPTAY 5,489,72
2T12T13 scu-rat TDLo:700 ug/kg (14D pre) CCPTAY 5,489,72
1T24 ims-rat TDLo:60 mg/kg (3-7D preg) ENDOAO 100,1684,77
2T44T53 ims-rat TDLo:8 mg/kg (13-20D preg) ENDOAO 99,1490,76
2T02T03 ims-rat TDLo:280 ug/kg (14D male) IJEBA6 14,86,76
1T12 par-rat TDLo:2500 ug/kg (10D pre) JRPFA4 25,309,71
1T02 imp-rat TDLo:10440 ug/kg (30D male) CCPTAY 7,105,73
1T01 imp-rat TDLo:27 mg/kg (90D male) NATUAS 269,409,77
1T03 imp-rat TDLo:10920 ug/kg (91D male) BIREBV 21,455,79
3T09T24T26 imp-rat TDLo:33300 ug/kg (15W male) BIREBV 21,765,79
2T02T03 itt-rat TDLo:24 mg/kg (30D male) ENDOAO 46,453,50
2T13T19 scu-mus TDLo:40 mg/kg (10D pre) ECJPAE 23,327,76
1T13 scu-mus TDLo:168 mg/kg (3D pre) FESTAS 20,211,69
2T13T22 scu-mus TDLo:10 mg/kg (5D pre) BIREBV 20,310,79
1T02 par-mus TDLo:4524 mg/kg (19D male) ENDOAO 28,129,41
1T01 imp-mky TDLo:1426 ug/kg (70D male) CCPTAY 13,583,76

1T24	scu-rbt TDLo:30 mg/kg (1-3D preg)	FESTAS 20,211,69
1T24	unk-rbt TDLo:6 mg/kg (1-3D preg)	CCPTAY 2,85,70
2T52T53	scu-gpg TDLo:86 mg/kg (18-60D preg)	FESTAS 19,606,68
1T22	scu-ham TDLo:180 mg/kg (3-8D preg)	STEDAM 27,759,76
1T53	imp-dom TDLo:6398 ug/kg (30-80D preg)	JEEMAF 36,87,76
1T35	imp-dom TDLo:6491 ug/kg (13-20W preg)	JEEMAF 36,87,76
1T21	imp-dom TDLo:18 ug/kg (7-14W preg)	JRPFA4 49,311,77

TUMORIGENIC DATA AND REFERENCES:

3V02N61T69	scu-mus TDLo:30 mg/kg/5D-I	JNCIAM 39,75,67

TOXICITY DATA AND REFERENCES:

	ipr-rat LDLo:326 mg/kg	PSEBAA 46,116,41

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: PCNAA8 8,413,61

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 6,209,74
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 21,519,79
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 21,519,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

delta(sup 6)-TESTOSTERONE see: BV7994500

retro-TESTOSTERONE see: BV8396600 9-beta,10-alpha-ANDROST-4-EN-3-ONE, 17-beta-HYDROXY-

trans-TESTOSTERONE see: XA3030000

9-beta,10-alpha-TESTOSTERONE see: BV8396600 9-beta,10-alpha-ANDROST-4-EN-3-ONE, 17-beta-HYDROXY-

XA3066000 TESTOSTERONE, CYCLOPENTANEPROPIONATE

UPDT:8401 CAS: 58-20-8 MW: 412.67 MOLFM: C27-H40-O3

SYN: ANDROST-4-EN-3-ONE, 17-(3-CYCLOPENTYL-1-OXOPROPOXY)-, (17-beta)- (9CI) * DEPO-TESTOSTERONE * DEPOVIRIN * PERTESTIS * TESTODRIN PROLONGATUM * TESTOSTERONE CYCLOPENTYLPROPIONATE * TESTOSTERONE CYPIONATE * TESTOSTERONE 17-beta-CYPIONATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01	ims-man TDLo:4286 ug/kg (2W male)	ANYAA9 55,725,52

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TESTOSTERONE CYCLOPENTYLPROPIOKATE see: XA3066000

TESTOSTERONE CYPIONATE see: XA3066000

TESTOSTERONE 17-beta-CYPIONATE see: XA3066000

TESTOSTERONE ENANTATE see: XA3080000

TESTOSTERONE ENANTHATE see: XA3080000

TESTOSTERONE ENANTHATE and DANAZOL see: TU4157074

TESTOSTERONE ENANTHATE and levo-NORGESTREL see: XA3085000

TESTOSTERONE ETHANATE see: XA3080000

TESTOSTERONE HEMISUCCINATE see: XA3105500

TESTOSTERONE 17-HEMISUCCINATE see: XA3105500

XA3080000 TESTOSTERONE, HEPTANOATE

UPDT:8412 CAS: 315-37-7 MW: 400.66 MOLFM: C26-H40-O3

SYN: ATLATEST * ANDROST-4-EN-3-ONE, 17-((1-OXOHEPTYL)OXY)-, (17-beta)- * ANDROTARDYL * DELATESTRYL * HEPTANOIC ACID, ester with TESTOSTERONE * REPOSO-TMD * MALOGEN L.A.200 * NSC-17591 * TE * TESTOSTERONE ENANTATE * TESTOSTERONE ENANTHATE * TESTOSTERONE ETHANATE * TESTOSTERONE HEPTOATE * TESTOSTERONE HEPTYLATE * TESTOSTERONE OENANTHATE * TESTATE * TESTOSTROVAL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T01T09N16	orl-man TDLo:34 mg/kg (52W male)	CCPTAY 21,631,80
1T01	ims-man TDLo:46 mg/kg (16W male)	JSTBBK 11,663,79
2T01T09	ims-man TDLo:78571 ug/kg (22D male)	ACENA7 78,373,75
2T01T09	ims-man TDLo:20 mg/kg (8W male)	FESTAS 28,1320,77
1T01	ims-man TDLo:14286 ug/kg (4D male)	CCPTAY 10,281,74
1T01	ims-man TDLo:22857 ug/kg (8D male)	CCPTAY 16,261,77
2T01T09	par-man TDLo:45700 ug/kg (16D male)	CLREAS 25,149A,77
1T01	unk-man TDLo:17 mg/kg (6D pre)	FESTAS 28,290,77
1T34	scu-rat TDLo:300 mg/kg (15-20D preg)	ANENAG 17,118,56
1T03	scu-rat TDLo:36 mg/kg (10D male)	ANENAG 17,118,56
1T29	scu-rbt TDLo:3 mg/kg (1D pre)	CCPTAY 24,107,81
2T35T53	ims-dom TDLo:35455 ug/kg (4-14W preg)	THGNBO 6,21,76
2T72T81	ims-dom TDLo:1500 mg/kg (11-21W preg)	METAAJ 27,253,78
2T35T53	ivg-dom TDLo:35455 ug/kg (4-14W preg)	THGNBO 6,21,76

TUMORIGENIC DATA AND REFERENCES:

2V03T69	ims-rbt TDLo:409 mg/kg/2Y-I	CNREA8 26,474,66

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:2000 mg/kg	NIIRDN 6,486,82
	ipr-mus LD50:4 mg/kg	CLDND*

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XA3085000 TESTOSTERONE, HEPTANOATE, and (-)-13-ETHYL-17-HYDROXY-18,19-DINOR-17-alpha-PREGN-4-EN- 20-YN-3-ONE

UPDT:8401 MW: 713.15 MOLFM: C26-H40-O3 C21-H28-O2

SYN: levo-NORGESTREL and TESTOSTERONE ENANTHATE * TESTOSTERONE ENANTHATE and levo-NORGESTREL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T01T09	mul-man TDLo:18 mg/kg (26W male)	ACENA7 95,251,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TESTOSTERONE HEPTOATE see: XA3080000

TESTOSTERONE HEPTYLATE see: XA3080000

XA3096000 TESTOSTERONE, 7-alpha-METHYL-

UPDT:8403 MW: 302.50 MOLFM: C20-H30-O2

SYN: 7-alpha-METHYLTESTOSTERONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-ham TDLo:60 mg/kg (3-8D preg)	STEDAM 27,759,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TESTOSTERONE PHENPROPIONATE see: XA3105000

TESTOSTERONE PHENYLPROPIONATE see: XA3105000

TESTOSTERONE 17-PHENYLPROPIONATE see: XA3105000

TESTOSTERONE HYDRATE see: XA3030000

XA3105000 TESTOSTERONE, HYDROCINNAMATE

UPDT:8306 CAS: 1255-49-8 MW: 420.64 MOLFM: C28-H36-O3

SYN: ANDROST-4-EN-3-ONE, 17-(1-OXO-3-PHENYLPROPOXY)-, (17-beta)- (9CI) * RETANDROL * TESTOSTERONE PHENPROPIONATE * TESTOSTERONE PHENYLPROPIONATE * TESTOSTERONE 17-PHENYLPROPIONATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	scu-rat TDLo:30 mg/kg (15-20D preg)	ANENAG 17,118,56
1T03	scu-rat TDLo:36 mg/kg (10D male)	ANENAG 17,118,56

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XA3105500 TESTOSTERONE, HYDROGEN SUCCINATE

UPDT:8401 CAS: 521-15-3 MW: 388.55 MOLFM: C23-H32-O5

SYN: ANDROST-4-EN-3-ONE, 17-(3-CARBOXY-1-OXOPROPOXY)-, (17-beta)- (9CI) * TESTOSTERONE HEMISUCCINATE * TESTOSTERONE 17-HEMISUCCINATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	par-rat TDLo:30 mg/kg (3D pre)	ARGYAJ 221,103,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TESTOSTERONE and MEGESTROL ACETATE see: TU4140500

TESTOSTERONE and NORETHANDROLONE see: RC8961450

TESTOSTERONE and NORETHINDRONE see: RC9042000

TESTOSTERONE and NORGESTRIENONE see: RC8960100

TESTOSTERONE OENANTHATE see: XA3080000

XA3115000 TESTOSTERONE, PROPIONATE

UPDT:8412 CAS: 57-85-2 MW: 344.54 MOLFM: C22-H32-O3

SYN: AGOVIRIN * ANDROGEN * ANDROSAN * delta(sup 4)-ANDROSTENE-17-beta-PROPIONATE-3-ONE * ANDROST-4-EN-3-ONE, 17-(1-OXOPROPOXY)-(17-beta)- * ANDRUSOL-P * ANDROTESTON * ANDROTEST P * ANERTAN * AQUAVIRON * BIO-TESTICULINA * ENARMON * HOMANDREN (amps) * HORMOTESTON * MASENATE * NASDOL * NEO-HOMBREOL * NSC 9166 * OKASA-MASCUL * ORCHIOL * ORCHISTIN * ORETON * ORETON PROPIONATE * PANTESTIN * PERANDREN * PROPIOKAN * RECTHORMONE TESTOSTERONE * SYNANDROL * STERANDRYL * SYNERONE * TELIPEX * TESTAFORM * TESTEX * TESTODET * VULVAN * TESTODRIN * TESTOGEN * TESTONIQUE * TESTORMOL * TESTOSTERON PROPIONATE * TESTOSTERONE-17-PROPIONATE * TESTOSTERONE-17-beta-PROPIONATE * TESTOVIRON * TESTOXYL * TESTREX * TOSTRIN * TP * UNITESTON

MUTATION DATA AND REFERENCES:

	cyt-ofs-unk 500 ug	BEXBBO 15,329,80
	spm-ofs-unk 500 ug	BEXBBO 15,329,80
	dnd-rat:lvr 300 umol/L	SinJF# 26OCT82
	spm-rat-scu 10 mg/kg	AMTUA3 8,68,71

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01	ims-man TDLo:10714 ug/kg (30D male)	CCPTAY 5,295,72
1T01	ims-man TDLo:4286 ug/kg (14D male)	ANYAA9 55,725,52
1T14	ims-wmn TDLo:3 mg/kg (6D pre)	PSEBAA 37,689,38
2T01T02	par-man TDLo:8570 ug/kg (24D male)	JCENA4 10,816,50
2T14T29	par-wmn TDLo:18500 ug/kg (31D pre)	PSEBAA 44,319,40
1T53	orl-rat TDLo:100 mg/kg (17-20D preg)	ECJPAE 24,77,77
2T12T13	scu-rat TDLo:50 ug/kg (1D pre)	JRPFA4 30,55,72
1T02	scu-rat TDLo:200 ug/kg (20D male)	JOURAA 45,780,41
2T53T91	scu-rat TDLo:7500 ug/kg (17D preg)	JOENAK 48,477,70
1T29	scu-rat TDLo:50 ug/kg (1D pre)	ACENA7 49,193,65
1T44	scu-rat TDLo:6250 ug/kg (15D preg)	AAMMAU 66,207,77
2T53T81	scu-rat TDLo:6250 ug/kg (MGN)	AAMMAU 66,207,77
3T14T21T22	scu-rat TDLo:50 ug/kg (1D pre)	PSEBAA 122,88,66
1T12	ims-rat TDLo:6250 ug/kg (1D pre)	JPHYA7 172,393,64
3T26T46T81	ims-rat TDLo:1200 ug/kg (9-14D preg)	OYYAA2 7,723,73
3T53T72T76	ims-rat TDLo:3600 ug/kg (9-14D preg)	OYYAA2 7,723,73
1T34	ims-rat TDLo:3600 ug/kg (9-14D preg)	OYYAA2 7,723,73
1T22	ims-rat TDLo:50 ug/kg (1D pre)	JPHYA7 172,393,64
3T12T14T19	ice-rat TDLo:10 ug/kg (77D pre)	ENDOAO 79,1135,66
1T85	par-rat TDLo:15 mg/kg (15-20D preg)	JOENAK 25,549,62
2T12T29	par-rat TDLo:250 ug/kg (1D pre)	ENDOAO 77,859,65
1T13	par-rat TDLo:500 ug/kg (1D pre)	ENDOAO 77,859,65
1T21	par-rat TDLo:92 mg/kg (23D male)	ENDOAO 29,409,41
3T12T13T14	imp-rat TDLo:10 ug/kg (77D pre)	ENDOAO 79,1135,66
1T19	imp-rat TDLo:30 ug/kg (77D pre)	ENDOAO 79,1135,66
1T21	unk-rat TDLo:20 mg/kg (5D male)	ANENAG 24(Suppl 3),1,63
3T22T25T35	unk-rat TDLo:3500 mg/kg (10-16D preg)	SAKNAH 64,737,71
1T19	mul-rat TDLo:52500 ug/kg (15D pre)	SCIEAS 181,770,73
2T02T21	scu-mus TDLo:4 mg/kg (1D male)	DEPBAS 12,231,79
1T44	scu-mus TDLo:200 mg/kg (12D preg)	ENDOAO 76,789,65
1T22	scu-mus TDLo:40 mg/kg (1D pre)	PSEBAA 85,673,54
1T19	scu-mus TDLo:20 mg/kg (10D pre)	ECJPAE 23,327,76
1T03	scu-mus TDLo:190 mg/kg (35D male)	JOENAK 46,477,70
3T46T53T81	ims-mus TDLo:15 mg/kg (7-12D preg)	OYYAA2 7,723,73
2T26T34	ims-mus TDLo:15 mg/kg (7-12D preg)	OYYAA2 7,723,73
1T42	ims-mus TDLo:240 mg/kg (7-12D preg)	OYYAA2 7,723,73
1T12	ice-mus TDLo:2 mg/kg (1D pre)	TJADAB 25,351,82
1T01	ice-mus TDLo:2 mg/kg (1D male)	TJADAB 25,351,82
3T17T25T27	scu-rbt TDLo:1500 ug/kg (27-29D preg)	JRPFA4 23,285,70
1T13	scu-rbt TDLo:10 mg/kg (5D pre)	ANREAK 142,469,62
1T21	scu-rbt TDLo:500 ug/kg (1D male)	JPHYA7 181,568,65
2T53T91	ims-pig TDLo:142 mg/kg (40-77D preg)	ENDKAC 63,161,74
3T21T14T53	scu-gpg TDLo:80 mg/kg (30-45D preg)	JCPPAV 57,166,64
1T91	scu-gpg TDLo:150 mg/kg (28-58D preg)	HOBEAO 6,139,75
2T19T23	ims-gpg TDLo:110 mg/kg (50D pre)	ENDOAO 72,429,63
2T53T91	par-gpg TDLo:98 mg/kg (24-68D preg)	ENDOAO 65,369,59
1T03	scu-hor TDLo:1575 ug/kg (9D male)	JANSAG 51,1358,80

TUMORIGENIC DATA AND REFERENCES:

2V03T62	imp-rat TDLo:432 mg/kg/48W-C	CNREA8 37,1929,77
3V03J60T64	imp-mus TDLo:5200 mg/kg/65W-I	NATUAS 192,1303,61
3V03Q60T69	imp-ham TDLo:360 mg/kg	CNREA8 25,141,65

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1000 mg/kg	NIIRDN 6,487,82
*	ipr-rat LD50:585 mg/kg	NIIRDN 6,487,82
*	orl-mus LD50:1350 mg/kg	NIIRDN 6,487,82
*	ipr-mus LD50:970 mg/kg	NIIRDN 6,487,82

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CANCAR 40,1825,77; ACRSAJ 1,173,53

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 21,519,79

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TESTOSTERONE-17-PROPIONATE see: XA3115000

TESTOSTERONE-17-beta-PROPIONATE see: XA3115000

TESTOSTERONE PROPIONATE and DANAZOL see: TU4157077

TESTOSTERONE PROPIONATE with METHYLTESTOSTERONE (1:14) see: BV8515500

TESTOSTERON PROPIONATE see: XA3115000

TESTOSTERONE and R2323 see: JF7965000

TESTOSTERONE UNDECANOATE see: XA3119700

XA3119700 TESTOSTERONE, UNDECANOATE (ester)

UPDT:8401 MW: 458.80 MOLFM: C30-H50-O3

SYN: 5-alpha-ANDROSTAN-3-ONE, 17-beta-HYDROXY-, UNDECANOATE * TESTOSTERONE UNDECANOATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01	orl-man TDLo:288 mg/kg (84D male)	CCPTAY 18,607,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TESTOSTOSTERONE see: XA3030000

TESTOSTROVAL see: XA3080000

TESTOVIRON see: BV8400000

TESTOVIRON see: XA3115000

TESTOVIRON SCHERING see: XA3030000

TESTOVIRON T see: XA3030000

TESTOXYL see: XA3115000

TESTRED see: BV8400000

TESTREX see: XA3115000
TESTRONE see: XA3030000
TESTRYL see: XA3030000
TESULOID see: WS4250000
TET see: XZ2100000
TET see: WH8625000
TETA see: YE6650000
TETAINE see: RN8763000

XA3540000 TETANOBULIN-I
UPDT:8306
TOXICITY DATA AND REFERENCES:
2J26R21 ivn-rat LDLo:7810 mg/kg YACHDS 9,4033,81

TETANUS TOXIN see: XW5807000
TET-CY see: QI9100000
TETD see: JO1225000
TETIDIS see: JO1225000
TETIOTHALEIN SODIUM see: SM8400000
TETLEN see: KX3850000
TETNOR see: UQ8225000
2,3,4,6-TETRA-O-ACETYL-1-THIO-beta-D-GLUCOPYRANOSATO-S (TRIETHYLPHOSPHINE)GOLD see: MD6500000
O,O,O',O'-TETRAAETHYL-BIS(DITHIOPHOSPHAT) (German) see: TE4550000
O,O,O,O-TETRAAETHYL-DIPHOSPHAT, BIS(O,O-DIAETHYLPHOSPHORSAEURE-ANHYDRID (German) see: UX6825000
1,4,5,8-TETRAAMINOANTHRAQUINONE see: CB0540000
3,3',4,4'-TETRAAMINOBIPHENYL see: DV8750000
3,3',4,4'-TETRAAMINOBIPHENYL TETRAHYDROCHLORIDE see: DV8753000
TETRA-(4-AMINOPHENYL)ARSONIUM CHLORIDE see: CI0350000
TETRAAMINOPYRIMIDINE SULPHATE see: UV9738000
TETRAAMMINEDICHLOROPLATINUM(II) see: TP2507150
TETRAAMMINEDICHLORORHODIUM CHLORIDE see: VI9360000
TETRAAMMINEPLATINUM DICHLORIDE see: TP2507150
TETRAAMMINEPLATINUM(2+) DICHLORIDE see: TP2507150
TETRAAMMINEPLATINUM(II) DICHLORIDE see: TP2507150
TETRAAMYLSTANNANE see: WH8636000
1,3,5,7-TETRAAZAADAMANTANE see: MN4725000

XA5250000 1,3,5,7-TETRAAZABICYCLO(3.3.1)NONANE, 3,7-DINITROSO-
UPDT:8406 CAS: 101-25-7 MW: 186.21 MOLFM: C5-H10-N6-O2
SYN: ACETO DNPT 40 * ACETO DNPT 80 * ACETO DNPT 100 * CHKHZ 18 * DINITROSOPENTAMETHYLENETETRAMINE * N,N-DINITROSOPENTAMETHYLENETETRAMINE * N(sup 1),N(sup 3)-DINITROSOPENTAMETHYLENETETRAMINE * N,N'-DINITROSOPENTAMETHYLENETETRAMINE * 3,4-DI-N-NITROSOPENTAMETHYLENETETRAMINE * 3,7-DI-N-NITROSOPENTAMETHYLENETETRAMINE * 3,7-DINITROSO-1,3,5,7-TETRAAZABICYCLO-(3.3.1)-NONANE * DNPMT * DNPT * 1,5-ENDOMETHYLENE-3,7-DINITROSO-1,3,5,7-TETRAAZACYCLOOCTANE * 1,5-METHYLENE-3,7-DINITROSO-1,3,5,7-TETRAAZACYCLOOCTANE * MICROPOR * MIKROFOR N * NSC 73599 * OPEX * PENTAMETHYLENETETRAMINE, DINITROSO- * POROFOR CHKHC-18 * POROPHOR B * UNICEL-ND * UNICEL NBX * VULCACEL B-40 * VULCACEL BN
MUTATION DATA AND REFERENCES:
mmo-sat 500 ug/plate PMRSDJ 1,303,81
pic-esc 100 mg/L PMRSDJ 1,224,81
dnd-bcs 2 mg/disc PMRSDJ 1,175,81
mmo-omi 5000 ppm/6H-C SOGEBZ 10,522,74
dnr-smc 100 mg/L PMRSDJ 1,502,81
mrc-smc 476 ppm PMRSDJ 1,481,81
cyt-rat:lvr 1 mg/L PMRSDJ 1,570,81
msc-mus:lym 175 mg/L PMRSDJ 1,580,81
otr-ham:kdy 73500 ug/L PMRSDJ 1,626,81
sce-ham:ovr 80 mg/L PMRSDJ 1,538,81
TOXICITY DATA AND REFERENCES:
orl-rat LD50:940 mg/kg MELAAD 58,22,67
ipr-rat LD50:220 mg/kg MELAAD 58,22,67
scu-rat LD50:220 mg/kg APACAB 28,209,65
ipr-mus LD50:130 mg/kg APACAB 28,209,65
scu-mus LD50:140 mg/kg APACAB 28,209,65
ivn-mus LD50:120 mg/kg APACAB 28,209,65
ivn-rbt LD50:130 mg/kg APACAB 28,209,65
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:NEGATIVE IARC** 11,241,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

XA5252000 2,4,6,8-TETRAAZABICYCLO(3.3.1)NONANE-1,9-DIOL, DINITRATE
UPDT:8308 MW: 250.21 MOLFM: C5-H10-N6-O6
SYN: 1,9-DINITROXYPENTAMETHYLENE-2,4,6,8-TETRAMINE, dry (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

1,4,7,10-TETRAAZADECANE see: YE6650000

XA5260000 9,10,14c-15-TETRAAZANAPHTHO(1,2-3-fg)NAPHTHACENE NITRATE
UPDT:8401 CAS: 63040-21-1 MW: 761.51 MOLFM: C21-H12-N4 .H-N-O3
SYN: ISOTRICYCLOQUINAZOLINE NITRATE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:1240 mg/kg/Y-I BJCAAI 17,266,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TETRABAKAT see: QI9100000
TETRA-BASE see: BY5250000
TETRABID see: QI9100000
TETRABIGUANIDE see: QI7610000
TETRABLET see: QI9100000
TETRABON see: QI8750000
1,1,2,2-TETRABROMAETHAN (German) see: KI8225000
TETRABROMOACETYLENE see: KI8225000
2,4,5,7-TETRABROMO-9-o-CARBOXYPHENYL-6-HYDROXY-3-ISOXANTHONE, DISODIUM SALT see: LM5850000
1,1,2,2-TETRABROMOETANO (Italian) see: KI8225000
TETRABROMOETHANE see: KI8221000
s-TETRABROMOETHANE see: KI8225000
1,1,2,2-TETRABROMOETHANE see: KI8225000
TETRABROMOETHANE (DOT) see: KI8221000
2,4,5,7-TETRABROMO-3,6-FLUORANDIOL see: LM5800000
2,4,5,7-TETRABROMO-3,6-FLUORANDIOL see: LM5850000
TETRABROMOFLUORESCEIN see: LM5850000
TETRABROMOFLUORESCEIN see: LM5800000
2',4',5',7'-TETRABROMOFLUORESCEIN see: LM5800000
TETRABROMOFLUORESCEIN D see: LM5850000
2',4',5',7'-TETRABROMOFLUORESCEIN DISODIUM SALT see: LM5850000
TETRABROMOFLUORESCEIN S see: LM5850000
TETRABROMOFLUORESCEIN SOLUBLE see: LM5850000
2-(2,4,5,7-TETRABROMO-6-HYDROXY-3-OXO-3H-XANTHENE-9-YL)BENZOIC ACID, DISODIUM SALT see: LM5850000
TETRABROMOMETHANE see: FG4725000
2',4',5',7'-TETRABROMO-9-(2-SULFOPHENYL)-6-HYDROXY-3-ISOXANTHENONE see: XO1617000
1,1,2,2-TETRABROOMETHAAN (Dutch) see: KI8225000
TETRA-n-BUTYLCIN (Czech) see: WH8605000
TETRABUTYL DICHLORO STANNOXANE see: JN8735000
TETRABUTYL HEXAMETHYLENEPHOSPHONATE see: SZ8560000
TETRABUTYLTIN see: WH8605000
TETRABUTYLTITANATE (Czech) see: XR1585000
TETRACAINE see: DG4725000
TETRACAINE HYDROCHLORIDE see: DG4900000
TETRACAP see: KX3850000
TETRACAPS see: QI9100000
TETRACARBONYLCOBALTATE(1-) see: GF9520000
TETRACARBONYLCOBALTATE ANION see: GF9520000
TETRACARBONYLCOBALTATE(1-) ION see: GF9520000
TETRACARBONYLHYDRIDOCOBALT see: GG0900000
TETRACARBONYLHYDROCOBALT see: GG0900000
TETRACEMATE DISODIUM see: AH4375000
TETRACEMIN see: AH5075000
TETRACENE see: XF6900000
TETRACENE EXPLOSIVE see: XF6900000
TETRACHEL see: QI9100000
2,4,4',5-TETRACHLOOR-DIFENYL-SULFON (Dutch) see: WR5850000
1,1,2,2-TETRACHLOORETHAAN (Dutch) see: KI8575000
TETRACHLOORETHEEN (Dutch) see: KX3850000
TETRACHLOORKOOLSTOF (Dutch) see: FG4900000
TETRACHLOORMETAAN see: FG4900000
1,1,2,2-TETRACHLORAETHAN (German) see: KI8575000
TETRACHLORAETHEN (German) see: KX3850000
N-(1,1,2,2-TETRACHLORAETHYLTHIO)-CYCLOHEX-4-EN-1,4-DIACARBOXIMID (German) see: GW4900000
2,4,4',5-TETRACHLOR-DIPHENYL-SULFON (German) see: WR5850000
TETRACHLORETHANE see: KI8575000
1,1,2,2-TETRACHLORETHANE (French) see: KI8575000
TETRACHLORETHYLENE see: KX3850000
TETRACHLORKOHLENSTOFF, TETRA (German) see: FG4900000
TETRACHLORMETHAN (German) see: FG4900000
2,3,5,6-TETRACHLOR-3-NITROBENZOL (German) see: DC0175000
2,2',4',5'-TETRACHLOROACETANILIDE see: AE7275000
1,1,3,3-TETRACHLOROACETONE see: UC3815100
3,4,3',4'-TETRACHLOROAZOBENZENE see: CN2980000
3,3',4,4'-TETRACHLOROAZOBENZENE see: CN2980000
1,2,3,4-TETRACHLOROBENZENE see: DB9440000
1,2,3,5-TETRACHLOROBENZENE see: DB9445000
1,2,4,5-TETRACHLOROBENZENE see: DB9450000
TETRACHLOROBENZIDINE see: DD1751000
2,2',5,5'-TETRACHLOROBENZIDINE see: DD1751000
3,3',5,5'-TETRACHLOROBENZIDINE see: DD1751020
3,3',6,6'-TETRACHLOROBENZIDINE see: DD1751000
2,3,4,5-TETRACHLOROBENZOIC ACID see: DH6833000
2,3,5,6-TETRACHLOROBENZOIC ACID see: DH6834000
TETRACHLOROBENZOQUINONE see: DK6825000
TETRACHLORO-p-BENZOQUINONE see: DK6825000
TETRACHLORO-1,4-BENZOQUINONE see: DK6325000
2,3,5,6-TETRACHLORO-p-BENZOQUINONE see: DK6825000
2,3,5,6-TETRACHLORO-1,4-BENZOQUINONE see: DK6825000
2,3',4,4'-TETRACHLOROBIPHENYL see: DV8649900
2,3',4,4'-TETRACHLORO-1,1'-BIPHENYL see: DVE549900
2,4,3',4'-TETRACHLOROBIPHENYL see: DV8649900
3,4,2',4'-TETRACHLOROBIPHENYL see: DV8649900
3,3',4,4'-TETRACHLOROBIPHENYL see: DV8650000
3,4,3',4'-TETRACHLOROBIPHENYL see: DV8650000
2,3',4,4'-TETRACHLORO-(1,1'-BIPHENYL)-3-OL see: DV7800000
1,1,2,3-TETRACHLORO-1,3-BUTADIENE see: EJ1055000
TETRACHLOROCARBON see: FG4900000
9-(3',4',5',6'-TETRACHLORO-o-CARBOXYPHENYL)-6-HYDROXY-2,4,5,7-TETRAIODO-3-ISOXANTHONE 2Na see: LM5920000
2,4,5,6-TETRACHLORO-3-CYANOBENZONITRILE see: NT2600000
TETRACHLOROCYCLOBUTENONE see: GU1850000
2,3,5,6-TETRACHLORO-2,5-CYCLOHEXADIENE-1,4-DIONE see: DK6825000
cis-TETRACHLORODIAMMINE PLATINUM(IV) see: TP2485803
trans-TETRACHLORODIAMMINE PLATINUM(IV) see: TP2485802
2,2',5,5'-TETRACHLORO-4,4'-DIAMINODIPHENYL see: DD1751000
2,3,7,8-TETRACHLORODIBENZO(b,e)(1,4)DIOXAN see: HP3500000
1,2,3,4-TETRACHLORODIBENZODIOXIN see: HP3493000
1,2,3,8-TETRACHLORODIBENZODIOXIN see: HP3494000
1,3,6,8-TETRACHLORODIBENZODIOXIN see: HP3495000
1,3,7,8-TETRACHLORODIBENZODIOXIN see: HP3495500
2,3,6,7-TETRACHLORODIBENZODIOXIN see: HP3496000
1,2,3,4-TETRACHLORODIBENZO-para-DIOXIN see: HP3493000
1,2,3,8-TETRACHLORODIBENZO-para-DIOXIN see: HP3494000
1,3,6,8-TETRACHLORODIBENZO-para-DIOXIN see: HP3495000
1,3,7,8-TETRACHLORODIBENZO-para-DIOXIN see: HP3495500
2,3,6,7-TETRACHLORODIBENZO-para-DIOXIN see: HP3496000
2,3,6,7-TETRACHLORODIBENZO-p-DIOXIN see: HP3500000
2,3,7,8-TETRACHLORODIBENZO-p-DIOXIN see: HP3500000
2,3,7,8-TETRACHLORODIBENZO-1,4-DIOXIN see: HP3500000
2,3,7,8-TETRACHLORODIBENZOFURAN see: HP5295200
2,4,4',5-TETRACLORO-DIFENIL-SOLFONE (Italian) see: WR5850000
1,1,1,2-TETRACHLORO-2,2-DIFLUOROETHANE see: KI1425000
1,1,2,2-TETRACHLORO-1,2-DIFLUOROETHANE see: KI1420000
4,5,6,7-TETRACHLORO-2-(2-DIMETHYLAMINOETHYL)-ISOINDOLINE DIMETHOCHLORIDE see: NR3675000
TETRACHLORODIPHENYLETHANE see: KI0700000
TETRACHLORO DIPHENYL OXIDE see: KO4025000
2,4,4',5-TETRACHLORODIPHENYL SULFIDE see: WQ3850000
2,4,5,4'-TETRACHLORODIPHENYL SULFIDE see: WQ3850000
2,4,4',5-TETRACHLORODIPHENYL SULFONE see: WR5850000
2,4,5,4'-TETRACHLORODIPHENYL SULFONE see: WR5850000
2,4,5,4'-TETRACHLORODIPHENYLSULPHONE see: WR5850000
TETRACHLOROEPOXYETHANE see: KI8760000
TETRACHLOROETHANE see: KI8400000
TETRACHLOROETHANE (DOT) see: KI8400000
sym-TETRACHLOROETHANE see: KI8575000
1,1,1,2-TETRACHLOROETHANE see: KI8450000
1,1,2,2-TETRACHLOROETHANE see: KI8575000
1,1,2,2-TETRACHLOROETHANE (DOT) see: KI8575000
TETRACHLOROETHENE see: KX3850000
TETRACHLOROETHYLENE see: KX3850000

TETRACHLOROETHYLENE (DOT) see: KX3850000
1,1,2,2,-TETRACHLOROETHYLENE see: KX3850000
TETRACHLOROETHYLENE OXIDE see: KI8760000
N-1,1,2,2-TETRACHLOROETHYLMERCAPTO-4-CYCLOHEXENE-1,2-CARBOXIMIDE see: GW4900000
N-((1,1,2,2-TETRACHLOROETHYL)SULFENYL)-cis-4-CYCLOHEXENE-1,2-DICARBOXIMIDE see: GW4900000
N-(1,1,2,2-TETRACHLOROETHYLTHIO)-4-CYCLOHEXENE-1,2-DICARBOXIMIDE see: GW4900000
TETRACHLOROFERRATE(1-) compd. with 1,3-DIPHENYL-5,6-DIHYDRONAPHTHO(2,1-b)THIOPYRYLIUM see: LJ8929000
1,1,7,7-TETRACHLOROHEPTANE see: MJ1395000 HEPTANE, 1,1,7,7-TETRACHLORO-
2,3,4,5-TETRACHLOROHEXATRIENE see: MP5425500 HEXATRIENE, 2,3,4,5-TETRACHLORO-
TETRACHLOROISOPHTHALONITRILE see: NT2600000
TETRACHLOROMETHANE see: FG4900000
TETRACHLOROMETHYLSULFONYLPYRIDINE see: UT6160000
2,3,5,6-TETRACHLORO-4-(METHYLTHIO)BENZENETHIOL see: DC1947000
TETRACHLORONAPHTHALENE see: QK3700000
TETRACHLORONITROANISOLE see: BZ9625000
2,3,5,6-TETRACHLORO-4-NITROANISOLE see: BZ9625000
1,2,3,4-TETRACHLORO-5-NITROBENZENE see: DB9625000
1,2,3,5-TETRACHLORO-4-NITROBENZENE see: DB9800000
1,2,4,5-TETRACHLORO-3-NITROBENZENE see: DC0175000
2,3,4,5-TETRACHLORONITROBENZENE see: DB9625000
2,3,4,6-TETRACHLORONITROBENZENE see: DB9800000
2,3,5,6-TETRACHLORONITROBENZENE see: DC0175000
1,1,1,9-TETRACHLORONONANE see: RA6610000
2,3,5,6-TETRACHLORO-4-(PENTACHLOROPHENOXY)PHENOL see: SM9462000
2,3,4,6-TETRACHLORO-5-(PENTACHLOROPHENOXY)PHENOL see: SM9461000
2,3,4,5-TETRACHLORO-6-(PENTACHLOROPHENOXY)PHENOL see: SM9460000
1,1,1,5-TETRACHLOROPENTANE see: SA3110000
TETRACHLOROPHENE see: SM0350000
2,3,4,6-TETRACHLOROPHENOL see: SM9275000
2,4,5,6-TETRACHLOROPHENOL see: SM9275000
(2-(2,3,5,6-TETRACHLOROPHENOXY)PHENYL)ACETIC ACID see: AJ5077000
TETRACHLOROPHTHALIC ANHYDRIDE see: TI3450000
meta-TETRACHLOROPHTHALODINITRILE see: NT2600000
o-TETRACHLOROPHTHALODINITRILE see: TI8225000
p-TETRACHLOROPHTHALODINITRILE see: TI8275000
TETRACHLOROPHTHALONITRILE see: TI8225000 o-PHTHALODINITRILE, TETRACHLORO-
m-TETRACHLOROPHTHALONITRILE see: NT2600000
3,4,5,6-TETRACHLOROPHTHALONITRILE see: TI8225000 o-PHTHALODINITRILE, TETRACHLORO-
TETRACHLOROPLATINATE(2-) see: TP1838000
1,1,1,3-TETRACHLOROPROPANE see: TZ7000000
1,1,3,3-TETRACHLOROPROPANONE see: UC3815100
1,1,3,3-TETRACHLORO-2-PROPANONE see: UC3815100
1,1,2,3-TETRACHLOROPROPENE see: UD1925000
TETRACHLOROQUINONE see: DK6825000
TETRACHLORO-p-QUINONE see: DK6825000
TETRACHLOROSILANE see: VW0525000
TETRACHLOROSTANNANE PENTAHYDRATE see: XP8870000
TETRACHLOROTELLURIUM see: WY2635000
TETRACHLOROTEREPHTHALIC ACID DIMETHYL ESTER see: WZ1500000
2,3,5,6-TETRACHLOROTEREPHTHALIC ACID, DIMETHYL ETHER see: WZ1500000
4,5,6,7-TETRACHLORO-2',4',5',7'-TETRAIODOFLUORESCEIN DISODIUM SALT see: LM5920000
TETRACHLOROTHIOFENE see: XN0350000
TETRACHLOROTHIOPHENE see: XN0350000
1,1,1,11-TETRACHLOROUNDECANE see: YQ2100000 UNDECANE, 1,1,1,11-TETRACHLORO-
TETRACHLOROUNDECANE see: YQ2100000
2,3,5,6-TETRACHLORPHTHALSAURE-DIMETHYLESTER (German) see: WZ1500000
TETRACHLORURE D'ACETYLENE (French) see: KI8575000
TETRACHLORURE DE CARBONE (French) see: FG4900000
TETRACHLORURE DE SILICIUM (French) see: VW0525000
TETRACHLORURE DE TITANE (French) see: XR1925000
TETRACHLORVINPHOS see: TB9050000
TETRACICLINA CLORIDRATO (Italian) see: QI9100000
TETRACID BRILLIANT VIOLET 6B see: BQ1140000
TETRACID CARMINE BLUE V see: BP6830000
TETRACID MILLING RED G see: QJ6475500
1,1,2,2-TETRACLOROETANO (Italian) see: KI8575000
TETRACLOROETENE (Italian) see: KX3850000
TETRACLOROMETANO (Italian) see: FG4900000
TETRACLORURO DI CARBONIO (Italian) see: FG4900000
TETRACOMPREN see: QI9100000
TETRACOR see: XF8225000
TETRACYANOZINCATE(2-) DIPOTASSIUM see: ZG9220000
TETRACYCLINE see: QI8750000
TETRACYCLINE I see: QI8750000
TETRACYCLINE II see: QI8750000
TETRACYCLINE CHLORIDE see: QI9100000
TETRACYCLINE, 7-CHLORO-6-DEMETHYL- see: QI7650000
TETRACYCLINE HYDROCHLORIDE see: QI9100000
TETRACYCLINE, 5-HYDROXY- see: QI7875000
TETRACYCLINOMETHYLSTREPTOMYCIN TRIHYDROCHLORIDE see: WK2231300 D-STREPTAMINE, O-2-DEOXY-2-(METHYLAMINO)-alpha-L-GLUCOPYRANOSYL-(1-2)-O-5-DEOXY-3-C-FORMYL-alpha-L-LYXOFURANOSYL-(1-4)-N-AMIDINO-N'-(N-((4-(DIMETHYLAMINO)-1,11-DIOXO-6-METHYL-3,6,10, 12,12a-PENTAHYDROXY-1,4,4a,5,5a,6,11,12a-OCTAHYDRO-2-NAPHTHACENECARBOXAMIDO)METHYL)AMIDINO)-, TRIHYDROCHLORIDE <●3-4)-<●-3-4)-
TETRACYDIN see: AM4375000
TETRACYN see: QI8750000
TETRACYN see: QI9100000
TETRA-D see: QI9100000
1,1-TETRADECAMETHYLENEBIS(4-AMINOQUINALDINIUM IODIDE) see: VA0744600
3,3'-(TETRADECAMETHYLENEDIOXY)BIS(1,1-DIMETHYLPIPERIDINIUM) DIBROMIDE see: TN6195000

XB7900000 1-TETRADECANAL
UPDT:8305 CAS: 124-25-4 MW: 212.42 MOLFM: C14-H28-O
SYN: ALDEHYDE C-14, MYRISTIC * C-14 ALDEHYDE, MYRISTIC * MYRISTIC ALDEHYDE * 1-TETRADECYL ALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 11,1079,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
TETRADECANAMIDE ACETATE see: XB9273000
TETRADECANAMIDE, N-(ACETYLOXY)-N-9H-FLUOREN-2-YL- (9CI) see: QH4560000
1-TETRADECANAMINE, HYDROCHLORIDE (9CI) see: XB9275000
1-TETRADECANAMINE compd. with CHLOROACETIC ACID (1:1) see: AG5830000
1-TETRADECANAMINIUM, N,N,N-TRIMETHYL-, BROMIDE (9CI) see: BT2677000

XB8000000 TETRADECANE
UPDT:8401 CAS: 629-59-4 MW: 98.44 MOLFM: C14-H30
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:9600 mg/kg/20W-I TXAPA9 9,70,66
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
TETRADECANOIC ACID see: QH4375000

XB8580000 TETRADECANOIC ACID, 1a,1b,4,4a,5,7a,7b,8,9,9a-DECAHYDRO-4a,7b,9a-TRIHYDROXY-3- (HYDROXYMETHYL)-1,1,6,8-TETRAMETHYL-5-OXO-1H-CYCLOPROPA(3,4)BENZ(1,2-e)AZULEN-9-YL ESTER, (1aR-(1a-alpha,1b-beta,4a-beta,7a-alpha,7b-alpha,8-alpha,9-beta,9a-alpha))-
UPDT:8311 CAS: 32752-30-0 MW: 574.88 MOLFM: C34-H54-O7
SYN: PHORBOL-12-MONOMYRISTATE * PHORBOL-12-MYRISTATE
MUTATION DATA AND REFERENCES:
otr-ham:emb 1 mg/L CALEDQ 17,1,82

XB8585000 TETRADECANOIC ACID, 3-HYDROXY-
UPDT:8406 CAS: 1961-72-4 MW: 244.42 MOLFM: C14-H28-O3
SYN: beta-HYDROXYMYRISTIC ACID * 3-HYDROXYMYRISTIC ACID * beta-HYDROXYTETRADECANOIC ACID * 3-HYDROXYTETRADECANOIC ACID
MUTATION DATA AND REFERENCES:
mmo-esc 200 umol/L MUREAV 122,87,83
n-TETRADECANOL-1 see: XB8655000

XB8655000 1-TETRADECANOL
UPDT:8401 CAS: 112-72-1 MW: 214.44 MOLFM: C14-H30-O
SYN: DYTOL R-52 * LANETTE WAX KS * LOXANOL V * MYRISTIC ALCOHOL * MYRISTYL ALCOHOL * n-TETRADECANOL-1 * TETRADECYL ALCOHOL * n-TETRADECYL ALCOHOL
IRRITATION DATA AND REFERENCES:
skn-hmn 75 mg/3D-I MOD 85DKA8 -,127,77
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:12 gm/kg/24W-I TXAPA9 9,70,66
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XB8660000 1-TETRADECANOL, HYDROGEN SULFATE, SODIUM SALT
UPDT:8405 CAS: 1191-50-0 MW: 316.48 MOLFM: C14-H29-O4-S .Na
SYN: 7-ETHYL-2-METHYL-4-HENDECANOL SULFATE SODIUM SALT * MYRISTYL SULFATE, SODIUM SALT * NIAPROOF 4 * SODIUM MYRISTYL SULFATE * SODIUM SOTRADECOL * SODIUM TETRADECYL SULFATE * STS * SULFURIC ACID, MONOTETRADECYL ESTER, SODIUM SALT * SULFURIC ACID, MYRISTYL ESTER, SODIUM SALT * TERGITOL 4 * TETRADECYL SODIUM SULFATE * TETRADECYL SULFATE, SODIUM SALT * TROMBAVAR * TROMBOVAR
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T23 itt-rat TDLo:400 mg/kg (1D male) FESTAS 24,884,73
1T22 unk-rbt TDLo:2 mg/kg (14D pre) JRPFA4 68,257,83
1T22 ivg-rbt TDLo:2500 ug/kg (1D pre) JRPFA4 68,257,83
TOXICITY DATA AND REFERENCES:
3F07F17H05 ipr-mus LD50:342 mg/kg JAPMA8 42,283,53
* ivn-mus LD50:56 mg/kg CSLNX* NX#00154
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
TETRADECANOYLETHYLENEIMINE see: CM8100000

XB8800000 TETRADECANOYLHYDROXAMIC ACID, N-FLUOREN-2-YL-N-TETRADECANOYL-
UPDT:8401 CAS: 63224-46-4 MW: 618.05 MOLFM: C41-H63-N-O3
SYN: N-MYRISTOYLOXY-N-MYRISTOYL-2-AMINOFLUORENE * N-TETRADECANOYL-N-TETRADECANOYLOXY-2-AMINOFLUORENE
MUTATION DATA AND REFERENCES:
dnr-hmn:fbr 100 umol/L CNREA8 37,1461,77
dns-hmn:fbr 100 umol/L/5H IJCNAW 16,284,75
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:157 mg/kg/5W-I CNREA8 37,1461,77
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
12-TETRADECANOYLPHORBOL-13-ACETATE see: GZ0630000
12-O-TETRADECANOYLPHORBOL-13-ACETATE see: QH4377000
12-O-TETRADECANOYL PHORBOL-13-ACETATE mixed with FORMALDEHYDE see: QH4376400
N-TETRADECANOYL-N-TETRADECANOYLOXY-2-AMINOFLUORENE see: XB8800000
12-O-TETRADECA-2-cis,4-trans,6,8-TETRAENOYLPHORBOL-13-ACETATE see: GZ0591910

XB8890000 4,8,12-TETRADECATRIENOIC ACID, 5,9,13-TRIMETHYL-, 3,7-DIMETHYL-2,6-OCTADIENYL ESTER, (E,E,E)-
UPDT:8303 CAS: 51-77-4 MW: 400.71 MOLFM: C27-H44-O2
SYN: DA-688 * GEFARNATE * GEFARNIL * GEFARNYL * GERANYL FARNESYLACETATE * (E,E,E)-5,9,13-TRIMETHYL-4,8,12-TETRADECATRIENOIC ACID 3,7-DIMETHYL-2,6-OCTADIENYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:2040 mg/kg NIIRDN 6,266,82
* ivn-mus LD50:2020 mg/kg NIIRDN 6,266,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
TETRADECIN see: QI8750000
n-TETRADECOIC ACID see: QH4375000
TETRADECYL ALCOHOL see: XB8655000
n-TETRADECYL ALCOHOL see: XB8655000
1-TETRADECYL ALDEHYDE see: XB7900000

XB9273000 TETRADECYLAMINE, ACETATE
UPDT:8307 CAS: 2016-54-8 MW: 273.52 MOLFM: C14-H31-N .C2-H4-O2
SYN: TETRADECANAMIDE ACETATE * 1-TETRADECYLAMINE ACETATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2775 mg/kg CHTPBA 1,11,65
1-TETRADECYLAMINE ACETATE see: XB9273000
TETRADECYLAMINE, CHLOROACETATE see: AG5830000

XB9274000 TETRADECYLAMINE, N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8307 MW: 277.98 MOLFM: C16-H35-N .Cl-H
SYN: DIMETHYLTETRADECYLAMINE CHLORHYDRATE (French) * N,N-DIMETHYLTETRADECYLAMINE HYDROCHLORIDE * N,N-DIMETHYL-1-TETRADECYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1250 mg/kg CHTPBA 1,11,65

XB9275000 TETRADECYLAMINE HYDROCHLORIDE
UPDT:8306 CAS: 1838-04-6 MW: 249.92 MOLFM: C14-H31-N .Cl-H
SYN: 1-TETRADECANAMINE, HYDROCHLORIDE (9CI)
TOXICITY DATA AND REFERENCES:
1R02 orl-mus LD50:744 mg/kg PCJOAU 15,383,81
* unk-mus LDLo:100 mg/kg ATMPA2 32,177,38

XB9290000 TETRADECYLAMINE, N-METHYL-N-NITROSO-
UPDT:8402 MW: 256.49 MOLFM: C15-H32-N2-O
SYN: N-NITROSO-N-METHYL-n-TETRADECYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 50 ug/plate MUREAV 111,135,83
TUMORIGENIC DATA AND REFERENCES:
3V03J60M60 orl-rat TDLo:6720 mg/kg/2Y-C CNREA8 41,1288,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
TETRADECYLAMMONIUM CHLOROACETATE see: AG5830000
TETRADECYL-DIMETHYL-BENZYLAMMONIUM CHLORIDE see: BO7150000

XB9357500 TETRADECYLHEPTAETHOXYLATE
UPDT:8305

SYN: C14E7

IRRITATION DATA AND REFERENCES:

	skn-hmn 140 mg/12H-I MLD	FCTXAV 15,309,77
	eye-mky 100%	FCTXAV 15,309,77
	skn-rbt 50 mg/24H MOD	FCTXAV 15,309,77
	eye-rbt 10 mg MOD	FCTXAV 15,309,77

TOXICITY DATA AND REFERENCES:

3A11F05F07	orl-rat LD50:2600 mg/kg	FCTXAV 15,309,77
3F07F12F19	ipr-rat LD50:209 mg/kg	FCTXAV 15,309,77
3F07F12F19	ipr-mus LDLo:200 mg/kg	FCTXAV 15,309,77
3K12K13F25	orl-mky LD50:10 gm/kg	FCTXAV 15,309,77
3F07F12F19	ipr-mky LDLo:300 mg/kg	FCTXAV 15,309,77
3J08J16R03	skn-rbt LD50:2 gm/kg	FCTXAV 15,309,77
3F07F12F19	ipr-gpg LD50:100 mg/kg	FCTXAV 15,309,77

TETRADECYL PHOSPHINIC ACID see: SZ5690000
TETRADECYL PHOSPHONIC ACID see: TA0460000
TETRADECYL SODIUM SULFATE see: XB8660000
TETRADECYL SULFATE, SODIUM SALT see: XB8660000
TETRADECYLTRIMETHYLAMMONIUM BROMIDE see: BT2677000
16,16,17,17-TETRADEHYDRO-17-(3-CHLOROPHENYL)-18,19,20-TRINOR-PGF2-alpha METHYL ESTER see: MJ9652600
16,16,17,17-TETRADEHYDRO-17-(4-CHLOROPHENYL)-18,19,20-TRINOR-PGF2-alpha METHYL ESTER see: MJ9652700
7,8,13,13a-TETRADEHYDRO-9,10-DIMETHOXY-2,3-(METHYLENEDIOXY)BERBINIUM SULFATE TRIHYDRATE see: DR9867500
TETRADEHYDRODOISYNOLIC ACID METHYL ETHER see: SF7300000
16,16,17,17-TETRADEHYDRO-17-PHENYL-18,19,20-TRINOR-PGF2-alpha METHYL ESTER see: MJ9654800
16,16,17,17-TETRADEHYDRO-17-PHENYL-18,19,20-TRINORPROSTAGLANDIN F2-alpha METHYL ESTER see: MJ9654800
12-o-TETRADEKANOYLPHORBOL-13-ACETAT (German) see: GZ0630000
TETRADICHLONE see: WR5850000
TETRADIFON see: WR5850000
TETRADIN see: JO1225000
TETRADINE see: JO1225000
TETRADIOXIN see: HP3500000
TETRADIPHON see: WR5850000
TETRADONIUM BROMIDE see: BT2677000
TETRADOX see: QI8925000
TETRAETHOXY PROPANE see: ON8750000
1,1,3,3-TETRAETHOXYPROPANE see: ON8750000
TETRAETHOXYSILANE see: VV9450000
TETRAETHYL AMMONIUM BROMIDE see: BS5950000
TETRAETHYLAMMONIUM PERCHLORATE, dry (DOT) see: BS7366000
N,N,4,4-TETRAETHYL-4H-1,3-BENZOXAZINE-2-METHANAMINE HYDROCHLORIDE see: DM3150000
TETRAETHYLDIAMINO-o-CARBOXY-PHENYL-XANTHENYL CHLORIDE see: BP3675000
0,0,0,0-TETRAETHYL-DIFOSFAAT (Dutch) see: UX6825000
TETRAETHYL DIPHOSPHATE see: UX6825000
0,0,0,0-TETRAETHYL-DITHIO-DIFOSFAAT (Dutch) see: XN4375000
TETRAETHYL DITHIONOPYROPHOSPHATE see: XN4375000
TETRAETHYL DITHIOPYROPHOSPHATE see: XN4375000
0,0,0,0-TETRAETHYL DITHIOPYROPHOSPHATE see: XN4375000
TETRAETHYL DITHIOPYROPHOSPHATE mixture, liquid (DOT) see: UX6800000
TETRAETHYL DITHIO PYROPHOSPHATE, LIQUID (DOT) see: XN4375000
TETRAETHYL DITHIO PYROPHOSPHATE MIXTURE, DRY (DOT) see: UX6800000

XC2150000 TETRAETHYLENE GLYCOL, 2-(3-BUTENYLOXY)-

UPDT:8308 MW: 264.36 MOLFM: C12-H24-O6

SYN: 2-VINYLETHOXYTETRAETHYLENE GLYCOL

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:6170 mg/kg	TXAPA9 28,313,74
*	skn-rbt LD50:6350 mg/kg	TXAPA9 28,313,74

TETRAETHYLENE GLYCOL, DIBUTYL ETHER see: SB0300000
TETRAETHYLENE GLYCOL DIETHYL ETHER see: SB0350000
TETRAETHYLENE GLYCOL DI(2-ETHYLHEXOATE) see: MO7710000
TETRAETHYLENE GLYCOL DIMETHYL ETHER see: SB0400000
TETRA-ETHYLENEIMIDEPIPERAZINE-N,N'-DIPHOSPHORIC ACID see: SZ1300000
2,3,5,6-TETRA-ETHYLENEIMINO-1,4-BENZOQUINONE see: DK7050000
TETRAETHYLENEPENTAMINE see: KH8585000
TETRAETHYLENEPENTAMINE (DOT) see: KH8585000
TETRAETHYL LEAD see: TP4550000
TETRAETHYL LEAD, liquid (including flashpoint for export shipment by water) (DOT) see: TP4550000
0,0,0,0-TETRAETHYL S,S'-METHYLENEBIS(DITHIOPHOSPHATE) see: TE4550000
0,0,0',0'-TETRAETHYL S,S'-METHYLENEBISPHOSPHORDITHIOATE see: TE4550000
0,0,0',0'-TETRAETHYL-S,S'-METHYLENEBISPHOSPHORODITHIOATE see: TE4550000
TETRAETHYL S,S'-METHYLENE BIS(PHOSPHOROTHIOLOTHIONATE) see: TE4550000
0,0,0',0'-TETRAETHYL S,S'-METHYLENE DI(PHOSPHORODITHIOATE) see: TE4550000
TETRAETHYL ORTHOSILICATE see: VV9450000
TETRAETHYL ORTHOSILICATE (DOT) see: VV9450000
TETRAETHYLPLUMBANE see: TP4550000
TETRAETHYL PYROFOSFAAT see: UX6825000
TETRAETHYLPYROPHOSPHATE see: UX6825000
TETRAETHYLPYROPHOSPHATE and Compressed Gas Mixtures see: UX7000000
TETRAETHYL PYROPHOSPHATE and compressed gas mixture (DOT) see: UX7000000
TETRAETHYL PYROPHOSPHATE, LIQUID (DOT) see: UX6825000
TETRAETHYL PYROPHOSPHATE MIXTURE, LIQUID (DOT) see: UX7051000
TETRAETHYLRHODAMINE see: BP3675000
TETRAETHYL SILICATE see: VV9450000
TETRAETHYLSTANNANE see: WH8625000
N,N,N',N'-TETRAETHYLSUCCINAMIDE see: WM4100000
TETRAETHYLTHIOPEROXYDICARBONIC DIAMIDE see: JO1225000
TETRAETHYLTHIOPEROXYDICARBONIC DIAMIDE see: XM6886000
TETRAHYDROXYBUTANE see: KF2000000
TETRAETHYLTHIRAM DISULPHIDE see: JO1225000
TETRAETHYLTHIURAM see: JO1225000
TETRAETHYLTHIURAM DISULFIDE see: JO1225000
TETRAETHYLTHIURAM DISULPHIDE see: JO1225000
N,N,N',N'-TETRAETHYLTHIURAM DISULPHIDE see: JO1225000
TETRAETHYL TIN see: WH8625000
TETRAETIL see: JO1225000
0,0,0,0-TETRAETIL-DITIO-PIROFOSFATO (Italian) see: XN4375000
0,0,0,0-TETRAETIL-PIROFOSFATO (Italian) see: UX6825000
TETRAFIDON see: WR5850000
TETRAFINOL see: FG4900000
TETRAFLUORETHYLENE see: KX4000000
3,3',5,5'-TETRAFLUOROBENZIDINE see: DD1751080
TETRAFLUOROBORATE(1-) compd. with 5,6-DIHYDRO-2,4-DIPHENYLNAPHTHO(2,1-b)PYRYLIUM see: QL6310000
TETRAFLUOROBORATE(1-) STRONTIUM (2:1) see: ED3000000
TETRAFLUOROBORIC ACID see: ED2685000
TETRAFLUORODICHLOROETHANE see: KI1100000
1,1,2,2-TETRAFLUORO-1,2-DICHLOROETHANE see: KI1101000
3,5,3',5'-TETRAFLUORODIETHYLSTILBESTROL see: WJ5840000
2,5,2',5'-TETRAFLUORO-4-DIMETHYLAMINOAZOBENZENE see: BX5075000
TETRAFLUOROETHENE (9CI) see: KX4000000
TETRAFLUOROETHENE HOMOPOLYMER (9CI) see: KX4025000
TETRAFLUOROETHENE POLYMER see: KX4025000
N'-(3-TETRAFLUOROETHOXYPHENYL)-N,N-DIMETHYLUREA see: YT1510000
TETRAFLUOROETHYLENE see: KX4000000
TETRAFLUOROETHYLENE, inhibited (DOT) see: KX4000000
TETRAFLUOROETHYLENE HOMOPOLYMER see: KX4025000
TETRAFLUOROETHYLENE POLYMERS see: KX4025000
TETRAFLUOROHYDRAZINE (DOT) see: QX0175000
TETRAFLUOROMETHANE see: FG4920000
TETRAFLUOROMETHANE (DOT) see: FG4920000
2,2,3,3-TETRAFLUORO-4,7-METHANO-2,3,5,6,8,9-HEXAHYDROBENZOSELENOPHENE see: PC5140000
TETRAFLUORON see: YT1510000
TETRAFLUORO-m-PHENYLENE DIAMINE DIHYDROCHLORIDE see: ST4025000
2,2,3,3-TETRAFLUORO-I-PROPANOL see: UB9400000
TETRAFLUOROSULFURANE see: WT4800000
TETRAFORM see: FG4900000
TETRAFORMYL-DIGITOXIN see: IH3000000
TETRAFOSFOR (Dutch) see: TH3500000
TETRAGLYCOL see: MD0907500
TETRAGLYME see: SB0400000
TETRAHELICENE see: DI8225000
1',2',3',4'-TETRAHYDRO-4,10-ACE-1,2-BENZANTHRACENE see: CU1000000
1,2,3,4-TETRAHYDROAMINACRINE HYDROCHLORIDE HYDRATE see: AR9532200
7,8,9,10-TETRAHYDRO-11-AMINO-4-CHLORO-6H-CYCLOHEPTA(b)QUINOLINE see: GU3514200
7,8,9,10-TETRAHYDRO-11-AMINO-6H-CYCLOHEPTA(b)QUINOLINE see: GU3514100
7,8,9,10-TETRAHYDRO-11-AMINO-4-ETHYL-6H-CYCLOHEPTA(b)QUINOLINE see: GU3514300
7,8,9,10-TETRAHYDRO-11-AMINO-2-METHOXY-6H-CYCLOHEPTA(b)QUINOLINE see: GU3514400
7,8,9,10-TETRAHYDRO-11-AMINO-4-METHOXY-6H-CYCLOHEPTA(b)QUINOLINE see: GU3514500
7,8,9,10-TETRAHYDRO-11-AMINO-2-METHYL-6H-CYCLOHEPTA(b)QUINOLINE see: GU3514700
7,8,9,10-TETRAHYDRO-11-AMINO-4-METHYL-6H-CYCLOHEPTA(b)QUINOLINE see: GU3514800
5,6,7,8-TETRAHYDRO-2-AMINOSPIRO(4H-3,1-BENZOTHIAZINE-4,1'-CYCLOHEXANE) HYDROCHLORIDE see: WG9890000
6,7,8,9-TETRAHYDRO-5-AZEPOTETRAZOLE see: XF8225000
TETRAHYDROBENZALDEHYDE see: GW2700000
1,2,5,6-TETRAHYDROBENZALDEHYDE see: GW2800000
1,2,3,6-TETRAHYDROBENZALDEHYDE (DOT) see: GW2800000
TETRAHYDROBENZ(a)ANTHRACEN-1,2-EPOXIDE see: CX3154000
TETRAHYDROBENZENE see: GW2500000
1,2,3,4-TETRAHYDROBENZENE see: GW2500000
1,2,5,6-TETRAHYDROBENZO(j)CYCLOPENT(fg)ACEANTHRYLENE see: DE8400000
2,3,5,6-TETRAHYDRO-5-(1,3-BENZODIOXOL-5-YL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL see: NI3040000
1',2',3',4'-TETRAHYDRO-3,4-BENZOPYRENE see: DJ7954000
7,8,9,10-TETRAHYDROBENZO(c)PYRENE see: DJ7954000
2,3,5,6-TETRAHYDRO-5-BENZYL-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL see: NI3042000
1,2,3,4-TETRAHYDRO-3-BENZYLIMINO-6,7-DIMETHOXY-1-PHENYLISOQUINOLINE HCl HEMIHYDRATE see: NX4915520
2,3,5,6-TETRAHYDRO-10-(BENZYLOXY)-3,5-DIMETHYL-1H-3,4,10b-TRIAZAFLUORANTHENE see: XX8539000
TETRAHYDROBERBERINE see: DR9823000
(-)-TETRAHYDROBERBERINE see: DR9823000
exo-TETRAHYDROBICYCLOPENTADIENE see: PB9600000
TETRAHYDRO-2-(BIS(2-CHLOROETHYL)AMINO)-5-METHYL-2H-1,3,2-OXAZAPHOSPHORINE 2-OXIDE see: RP6156000
TETRAHYDRO-2-(BIS(2-CHLOROETHYL)AMINO)-6-METHYL-2H-1,3,2-OXAZAPHOSPHORINE 2-OXIDE see: RP6156500
2,3,4,5-TETRAHYDRO-1-(BROMOACETYL)-1H-PYRIDO(3,2-b)AZEPINE HYDROBROMIDE see: UU7875900
TETRAHYDRO-4-(BROMOMERCURI)-5-METHOXY-1,2-PYRIDAZINEDICARBOXIMIDE see: UR5880000
1,2,3,4-TETRAHYDRO-4-(N-BUTYLAMINO)ACRIDINE HYDROCHLORIDE see: AR9534020
delta(sup 1)-TETRAHYDROCANNABINOL see: HP8225000
delta(sup 9)-TETRAHYDROCANNABINOL see: HP8225000
(-)-delta(sup 8)-trans-TETRAHYDROCANNABINOL see: HP8400000
(-)-delta(sup 9)-trans-TETRAHYDROCANNABINOL see: HP8225000
(l)-delta(sup 1)-TETRAHYDROCANNABINOL see: HP8225000
trans-delta(sup 9)-TETRAHYDROCANNABINOL see: HP8225000
1-trans-delta(sup 8)-TETRAHYDROCANNABINOL see: HP8400000
1-trans-delta(sup 9)-TETRAHYDROCANNABINOL see: HP8225000
(-)-delta(sup 1)-3,4-trans-TETRAHYDROCANNABINOL see: HP8225000
(-)-delta(sup 6)-3,4-trans-TETRAHYDROCANNABINOL see: HP8400000
delta(sup 8)-TETRAHYDROCANNABINOL SULFATE POTASSIUM SALT see: HP8530000
5,6,7,8-TETRAHYDROCARBAZOLE-3-CARBOXYLIC ACID 3-(DIBUTYLAMINO)PROPYL ESTER HYDROCHLORIDE see: FE5840000
5,6,7,8-TETRAHYDROCARBAZOLE-3-CARBOXYLIC ACID 3-DIBUTYLAMINOPROPYL ESTER SULFATE (2:1) see: FE5840500
5,6,7,8-TETRAHYDRO-3-CARBAZOLECARBOXYLIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLOPIDE see: FE5841500
5,6,7,8-TETRAHYDROCARBAZOLE-3-CARBOXYLIC ACID 3-(DIETHYLAMINO)-1-METHYLPROPYL ESTER HCl see: FE5842000
5,6,7,8-TETRAHYDROCARBAZOLE-3-CARBOXYLIC ACID 3-(2-METHYLPIPERIDINO)PROPYL ESTER HCl see: FE5844000
5,6,7,8-TETRAHYDROCARBAZOLE-3-CARBOXYLIC ACID 3-MORPHOLINOPROPYL ESTER HYDROCHLORIDE see: FE5845000
7,8,9,10-TETRAHYDRO-11-CHLORO-1,4-DIMETHYL-6H-CYCLOHEPTA(b)QUINOLINE see: GU3514900
TETRAHYDRO-4-(CHLOROMERCURI)-5-METHOXY-N-METHYL-1,2-PYRIDAZINEDICARBOXIMIDE see: UR5885000
7,8,9,10-TETRAHYDRO-11-CHLORO-4-METHOXY-6H-CYCLOHEPTA(b)QUINOLINE see: GU3515000
2,3,5,6-TETRAHYDRO-5-(m-CHLOROPHENYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL see: NI3044000
2,3,5,6-TETRAHYDRO-5-(2-CHLOROPHENYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL see: NI3046000
2,3,5,6-TETRAHYDRO-5-(4-CHLOROPHENYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL see: NI3048000
2-(p-(1,2,3,4-TETRAHYDRO-2-(p-CHLOROPHENYL)NAPHTHYL)PHENOXY)TRIETHYLAMINE see: YE2400000
trans-1,2,3,4-TETRAHYDROCHRYSENE-1,2-DIOL see: GC1200000
1,2,3,4-TETRAHYDROCHRYSENE-1-ONE see: GC2010000
1,2,3,8-TETRAHYDROCYCLOPENTA(c)PYRIDO(3,2-a)CARBAZOLE see: GY5868000
TETRAHYDRODEOXOAFLATOXIN B1 see: GY1930000
TETRAHYDRODEOXYAFLATOXIN B1 see: GY1930000
1,2,3,4-TETRAHYDRO-1-(2-DEOXY-beta-D-RIBOFURANOSYL)-2,4-DIOXO-5-PYRIMIDINECARBOXALDEHYDE see: UV7700100
TETRAHYDRODESOXOAFLATOXIN B1 see: GY1930000
TETRAHYDRODESOXYAFLATOXIN B1 see: GY1930000
1-(4,5,6,7-TETRAHYDRO-1H-1,3-DIAZEPIN-2-YL)-3-(2,6-XYLYL)-UREA HYDROCHLORIDE see: YT1468000

1,2,3,4-TETRAHYDRODIBENZ(a,h)ANTHRACENE see: HN5700000
1,2,3,4-TETRAHYDRODIBENZ(a,j)ANTHRACENE see: HN5775000
2,3,5,6-TETRAHYDRO-5-(2,4-DICHLOROPHENYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL see: NI3050000
2,3,5,6-TETRAHYDRO-5-(3,4-DICHLOROPHENYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL see: NI3052000
exo-TETRAHYDRODI(CYCLOPENTADIENE) see: PB9600000
1-(TETRAHYDRODICYCLOPENTADIENYL)-3,3-DIMETHYLUREA see: YT4550000
TETRAHYDRO-2,5-DIETHOXY-2-(DIETHOXYMETHYL)FURAN see: LU6100000
1,2,3,4-TETRAHYDRO-1-(3,4-DIHYDROXYBENZYL)-6,7-ISOQUINOLINEDIOL HYDROBROMIDE see: NX0480000
TETRAHYDRO-2,5-DIMETHOXY-2-(DIMETHOXYMETHYL)FURAN see: LU6130000
5,6,13,13a-TETRAHYDRO-9,10-DIMETHOXY-2,3-(METHYLENEDIOXY)-8H-DIBENZO(a,g)QUINOLIZINE see: DR9823000
1,2,3,4-TETRAHYDRO-6,7-DIMETHOXY-1-VERATRYL-ISOQUINOLINE HYDROCHLORIDE see: NX5070700
2,3,4,5-TETRAHYDRO-10-(2-(DIMETHYLAMINO)ETHYL)AZEPINO(3,4-b)INDOL-1(10H)-ONE see: CM3595000
1,2,3,4-TETRAHYDRO-9-(2-(DIMETHYLAMINO)ETHYL)-3-METHYL-9H-PYRIDO(3,4-b)INDOLE see: UV0565000
2,3,4,5-TETRAHYDRO-10-(3-(DIMETHYLAMINO)PROPYL)AZEPINO(3,4-b)INDOL-1(10H)-ONE see: CM3596000
1,2,3,4-TETRAHYDRO-7,12-DIMETHYLBENZ(a)ANTHRACENE see: CX3149000
8,9,10,11-TETRAHYDRO-7,12-DIMETHYLBENZ(a)ANTHRACENE see: CX3150000
5,6,7,7a-TETRAHYDRO-4,7-DIMETHYL-CYCLOPENTA(c)PYRAN-1(4aH)-ONE see: GY5840000
1,2,3,6-TETRAHYDRO-1,3-DIMETHYL-2,6-DIOXO-PURINE-7-ACETIC ACID SODIUM SALT see: UO745[illegible]000
TETRAHYDRODIMETHYLFURAN see: LU6125000
TETRAHYDRODIMETHYL FURANE see: LU6125000
3a,4,7,7a-TETRAHYDRODIMETHYL-4,7-METHANOINDENE see: PC1075000
5,6,7,8-TETRAHYDRO-alpha,alpha-DIMETHYL-2-NAPHTHALENEVALERIC ACID see: QK4126000
TETRAHYDRO-2H-3,5-DIMETHYL-1,3,5-THIADIAZINE-2-THIONE see: XI2800000
TETRAHYDRO-3,5-DIMETHYL-2H-1,3,5-THIADIAZINE-2-THIONE see: XI2800000
2,3,5,6-TETRAHYDRO-3,5-DIMETHYL-1H-3,4,10b-TRIAZAFLUORANTHENE see: XX8539400
2,3,5,6-TETRAHYDRO-3,10-DIMETHYL-1H-3,4,10b-TRIAZAFLUORANTHENE see: XX8539600
TETRAHYDRO-p-DIOXIN see: JG8225000
TETRAHYDRO-1,4-DIOXIN see: JG8225000
TETRAHYDRO-2,5-DIOXOFURAN see: WN0875000
1,2,3,6-TETRAHYDRO-3,6-DIOXOPYRIDAZINE see: UR5950000
1,2,3,4-TETRAHYDRO-1,2-DIPHENYL-6-METHOXY-1-NAPHTHOL see: QL5418500
TETRAHYDRO-2,5-DIVINYLPYRAN see: UP8750000
1,2,3,4-TETRAHYDRO-DMBA see: CX3149000
(- -)-cis-8,9,10,11-TETRAHYDRO-8-beta,9-beta-EPOXYBENZ(c)ACRIDINE-10-alpha,11-beta-DIOL see: CU3671050
TETRAHYDRO-3,4-EPOXYTHIOPHENE 1,1-DIOXIDE see: RP3850000
2,3,5,6-TETRAHYDRO-10-ETHOXY-3-METHYL-1H-3,4,10b-TRIAZAFLUORANTHENE see: XX8539700
2,3,5,6-TETRAHYDRO-10-FLUORO-3-METHYL-1H-3,4,10b-TRIAZAFLUORANTHENE see: XX8539800
2,3,5,6-TETRAHYDRO-5-(2-FLUOROPHENYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL see: NI3056000
2,3,5,6-TETRAHYDRO-5-(3-FLUOROPHENYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL see: NI3054000
2,3,5,6-TETRAHYDRO-5-(4-FLUOROPHENYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL see: NI3058000
1,2,3,4-TETRAHYDRO-1-(p-FLUOROPHENYL)-6-METHOXY-2-PHENYL-1-NAPHTHOL see: QL5418800
TETRAHYDROFTALANHYDRID (Czech) see: GW5775000
TETRAHYDROFURAAN (Dutch) see: LU5950000
TETRAHYDROFURAN see: LU5950000
TETRAHYDROFURAN (DOT) see: LU5950000
TETRAHYDRO-2-FURANCARBINOL see: LU2450000
TETRAHYDRO-2-FURANMETHANOL see: LU2450000
TETRAHYDROFURANNE (French) see: LU5950000
TETRAHYDRO-2-FURANONE see: LU3500000
1-(TETRAHYDROFURAN-2-YL)-5-FLUOROURACIL see: YR0450000
TETRAHYDROFURFURYL ALCOHOL see: LU2450000
TETRAHYDROFURFURYLALCOHOL POLYETHYLENE GLYCOL ETHER see: MD0907500
TETRAHYDROFURFURYLALKOHOLPOLYAETHYLENGLYCOLAETHER (German) see: MD0907500
1-(TETRAHYDRO-FURFURYL)AMIDINO-3-(2,6-XYLYL)-UREA HYDROCHLORIDE see: YT1463000
TETRAHYDROFURFURYLAMINE see: LV0175000
TETRAHYDROFURFURYLAMINE (DOT) see: LV0175000
N(sub 1)-(2-TETRAHYDROFURYL)-5-FLUOROURACIL see: YR0450000
1-(2-TETRAHYDROFURYL)-5-FLUOROURACIL mixt. with URACIL (1:4) see: YR0480000
alpha-TETRAHYDROFURFURYL-1-NAPHTHALENEPROPIONIC ACID 2-(DIETHYLAMINO)ETHYL ESTER see: LU5800000
TETRAHYDROFURYLALKOHOL (Czech) see: LU2450000
1-(2-TETRAHYDROFURYL)-5-FLUOROURACIL see: YR0440000
TETRAHYDRO-2-FURYLMETHANOL see: LU2450000
TETRAHYDROGERANIOL see: RH0900000
TETRAHYDROGERANYL ACETATE see: RH0920000
TETRAHYDROGERANYL BUTYRATE see: EK7820000
2,3-cis-1,2,3,4-TETRAHYDRO-5-((2-HYDROXY-3-tert-BUTYLAMINO)PROPOXY)-2,3-NAPHTHALENEDIOL see: QJ4870000
TETRAHYDRO-5-(2-HYDROXYETHYL)-3-METHYL-2H-1,3,5-THIADIAZINE-2-THIONE see: XI2850000
2,3,5,7a-TETRAHYDRO-1-HYDROXY-1H-PYRROLIZINE-7-METHANOL see: VH7175000
(1S-cis)-2,3,5,7a-TETRAHYDRO-1-HYDROXY-1H-PYRROLIZINE-7-METHANOL HYDROCHLORIDE see: UY8407000
TETRAHYDROINDENE (Russian) see: NK8750000
3a,4,7,7a-TETRAHYDROINDENE see: NK8750000
3a,4,7,7a-TETRAHYDRO-1H-INDENE see: NK8750000
4,7,8,9-TETRAHYDROINDENE see: NK8750000
1,2,3,4-TETRAHYDRO-2-(3-INDOLYLMETHYL)ISOQUINOLINE see: NX5079000
1,5,6,7-TETRAHYDRO-1-ISOPROPYL-2-(p-METHOXYPHENYL)-4H-INDOL-4-ONE see: NM3352000
TETRAHYDRO-1,4-ISOXAZINE see: QD6475000
TETRAHYDROLINALOOL see: RH0905000
3a,4,7,7a-TETRAHYDRO-4,7-METHANOINDENE see: PC1050000
O-(1,2,3,4-TETRAHYDRO-1,4-METHANONAPHTHALEN-6-YL)-m,N-DIMETHYL-THIO-CARBANILATE see: FD3920000
1,2,3,4-TETRAHYDRO-1,4-METHANONAPHTHALEN-6-YL N-METHYL-N-(m-TOLYL)CARBAMOTHIOATE see: FD3920000
O-(5,6,7,8-TETRAHYDRO-5,8-METHANO-2-NAPHTHYL)-N-METHYL-N-(m-METHYLPHENYL)THIOCARBAMATE see: FD3920000
2,3,5,6-TETRAHYDRO-9-METHOXY-3-METHYL-1H-3,4,10b-TRIAZAFLUORANTHENE see: XX8539900
2,3,5,6-TETRAHYDRO-10-METHOXY-3-METHYL-1H-3,4,10b-TRIAZAFLUORANTHENE see: XX8539910
2,3,5,6-TETRAHYDRO-5-(4-METHOXYPHENYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL see: NI3060000
1,5,6,7-TETRAHYDRO-2-(p-METHOXYPHENYL)-1-PHENYL-4H-INDOL-4-ONE see: NM3354000
1,2,3,4-TETRAHYDRO-6-METHOXY-2-PHENYL-1-(p-TOLYL)-1-NAPHTHOL see: QL5422000
2,3,4,9-TETRAHYDRO-6-METHOXY-1H-PYRIDO(3,4-b)INDOLE see: UV0725000
1,2,3,4-TETRAHYDRO-11-METHYLCHRYSEN-1-ONE see: GC2050000
1,2,3,6-TETRAHYDRO-1-((6-METHYL-3-CYCLOHEXEN-1-YL)CARBONYL)PYRIDINE see: UT8356000
1,2,3,6-TETRAHYDRO-1-((2-METHYLCYCLOHEXYL)CARBONYL)PYRIDINE see: UT8356500
1-(4,5,6,7-TETRAHYDRO-1-METHYL-1H-1,3-DIAZEPIN-2-YL)-3-(2,6-XYLYL)UREA HYDROCHLORIDE see: YT1468500
1,2,3,4-TETRAHYDRO-2-(((1-METHYLETHYL)AMINO)METHYL)-7-NITRO-6-QUINOLINEMETHANOL see: VC0340000
2,3,9,9a-TETRAHYDRO-1-METHYL-1H-INDENO(2,1-b)PYRIDINE HYDROCHLORIDE see: NK9459500
2,3,9,9a-TETRAHYDRO-1-METHYL-1H-INDENO(2,1-b)PYRIDIN-9-OL BENZOATE HYDROCHLORIDE see: NK9460080
2,3,9,9a-TETRAHYDRO-1-METHYL-1H-INDENO(2,1-b)PYRIDIN-9-OL HYDROCHLORIDE see: NK9460090
TETRAHYDROXYMETHYLMETANE see: RZ2490000
1,2,5,6-TETRAHYDRO-1-METHYLNICOTINIC ACID, METHYL ESTER see: QT2100000
TETRAHYDRO-3-METHYL-4-((5-NITROFURFURYLIDENE)AMINO)-2H-1,4-THIAZINE 1,1-DIOXIDE see: XM3020000
TETRAHYDRO-N-METHYL-N-NITROSO-3-THIOPHENAMINE 1,1-DIOXIDE see: XM7250000
1,2,3,4-TETRAHYDRO-1-(2-METHYL-1-OXOBUTYL)QUINOLINE see: VC2982000
2,3,5,6-TETRAHYDRO-3-METHYL-10-PROPOXY-1H-3,4,10b-TRIAZAFLUORANTHENE see: XX8556000
1,2,3,4-TETRAHYDRO-1-METHYL-3-PYRIDINECARBOXYLIC ACID see: QT2070800
1,2,5,6-TETRAHYDRO-1-METHYL-3-PYRIDINECARBOXYLIC ACID METHYL ESTER see: QT2100000
6',7',8',9'-TETRAHYDRO-1'-METHYLSPIRO(CYCLOHEXANE-1,5'-(5H)THIAZOLO(3,2-a)QUINAZOLINE) HBr see: WH0194650 SPIRO(CYCLOHEXANE-1,5'-(5H)THIAZOLO(3,2-a)QUINAZOLINE), 6',7',8',9'-TETRAHYDRO-1'-METHYL-, MONOHYDROBROMIDE
TETRAHYDRO-2-((METHYLSULFONYL)METHYL)FURAN see: LU6210000
(E)-4,5,6-TETRAHYDRO-1-METHYL-2-(2-(2-THIENYL)ETHENYL)PYRIMIDINE see: UW0249000
(E)-1,4,5,6-TETRAHYDRO-1-METHYL-2-(2-(2-THIENYL)VINYL)PYRIMIDINE TARTARATE (1:1) see: UW0249000
2,3,4,5-TETRAHYDRO-6-(METHYLTHIO)PYRIDINE see: UT8402000
2,3,5,6-TETRAHYDRO-3-METHYL-1H-3,4,10b-TRIAZAFLUORANTHENE see: XX8550000
2,3,5,6-TETRAHYDRO-3-METHYL-1H-3,4,10b-TRIAZAFLUORANTHEN-10-OL see: XX8560000
5,6,7,8-TETRAHYDRO-1-NAFTYL-N-METHYLKARBAMAT (Czech) see: FC7700000
TETRAHYDRONAPHTHALENE see: QK3850000
1,2,3,4-TETRAHYDRONAPHTHALENE see: QK3850000
TETRAHYDRO-alpha-(1-NAPHTHALENYLMETHYL)-2-FURANPROPANOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER see: LU5800000
1,2,3,4-TETRAHYDRO-alpha-NAPHTHOL see: QL5075000
1,2,3,4-TETRAHYDRO-1-NAPHTHOL see: QL5075000
5,6,7,8-TETRAHYDRO-beta-NAPHTHOL see: QL5300000
5,6,7,8-TETRAHYDRO-2-NAPHTHOL see: QL5300000
N-d,l-ac-TETRAHYDRO-beta-NAPHTHYL-N-ALLYL-beta-ALANINDIAETHYLAMID-HYDROCHLORID (German) see: UE3025000
2-(1,2,3,4-TETRAHYDRO-1-NAPHTHYLAMINO)-2-IMIDAZOLINE HYDROCHLORIDE see: NJ4530400
2-((5,6,7,8-TETRAHYDRO-1-NAPHTHYL)AMINO)-2-IMIDAZOLINE HYDROCHLORIDE HYDRATE see: NI3200000
5,6,7,8-TETRAHYDRO-1-NAPHTHYL METHYLCARBAMATE see: FC7700000
TETRAHYDRO-alpha-(1-NAPHTHYLMETHYL)-2-FURANPROPANOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER see: LU5800000
N-beta-TETRA-HYDRONAPHTHYL NORADRENALONE HYDROCHLORIDE see: AM8238000
3-(1,2,3,4-TETRAHYDRO-1-NAPHTYL)-4-HYDROXYCOUMARINE (French) see: GN7630000
TETRAHYDRONICOTYRINE, dl- see: QS5250000
TETRAHYDRO-1-(5-NITROFURFURYLIDENEAMINO)-2-PYRIMIDONE see: UW7587000
TETRAHYDRO-1-(((5-NITRO-2-FUROYL)METHYLENE)AMINO)-2(1H)-PYRIMIDINONE see: UW7588000
TETRAHYDRO-1-(5-NITRO-2-FURYLGLYOXYLIDENEAMINO)-2-PYRIMIDONE see: UW7588000
1-(3,4,7,8-TETRAHYDRO-2H-1,4,6-OXADIAZOCIN-5-YL)-3-(2,6-XYLYL)-UREA HYDROCHLORIDE see: YT1468700
TETRAHYDRO-1,4-OXAZINE see: QD6475000
TETRAHYDRO-2H-1,4-OXAZINE see: QD6475000
TETRAHYDRO-1,4-OXAZINYLMETHYLCODEINE see: QD1575000
7,8,9,10-TETRAHYDRO-7-OXO-BENZO(c)PHENANTHRIDINE see: DI9862000 BENZO(c)PHENANTHRIDIN-7(8H)ONE, 9,10-DIHYDRO-
1,2,3,4-TETRAHYDRO-2-(1-OXOOCTYL)ISOQUINOLINE see: NX5110000
(S)-N-(5,6,7,9-TETRAHYDRO-9-OXO-1,2,3,10-TETRAMETHOXYBENZO(a)HEPTALEN-7-YL)BUTYRAMIDE see: ES5065000
(S)-N-(5,6,7,9-TETRAHYDRO-9-OXO-1,2,3,10-TETRAMETHOXYBENZO(a)HEPTALEN-7-YL)PROPIONAMIDE see: UE4540000
N-(TETRAHYDRO-2-OXO-3-THIENYL)ACETAMIDE see: AC8680000
TETRAHYDROPAPAVERINE HYDROCHLORIDE see: NX5070700
TETRAHYDROPAPAVEROLINE BROMIDE see: NX0480000
1,2,3,4-TETRAHYDROPHENANTHRO(3,4-b)OXIRENE see: SF8470000
TETRAHYDROPHENOBARBITAL see: CQ2975000
2,3,5,6-TETRAHYDRO-5-PHENYL-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL see: NI3062000
(-)-2,3,5,6-TETRAHYDRO-6-PHENYLIMIDAZO(2,1-b)THIAZOLE HYDROCHLORIDE see: NJ5960000
L-(-)-2,3,5,6-TETRAHYDRO-6-PHENYL-IMIDAZO(2,1-b)THIAZOLE HYDROCHLORIDE see: NJ5760000
(+ -)-2,3,5,6-TETRAHYDRO-6-PHENYLIMIDAZO(2,1-b)THIAZOLE MONOHYDROCHLORIDE see: NJ5950000
4,5,6,7-TETRAHYDRO-2-PHENYL-2H-ISOINDOLE-1-CARBOXALDEHYDE (2,4-DINITROPHENYL)HYDRAZONE see: NR3397200
1-(2-(p-(5,6,7,8-TETRAHYDRO-2-PHENYLNAPHTHO(2,3-b)FURAN-3-YL)PHENOXY)ETHYL)PYRROLIDINE HCl see: UY2606000
2,3,7,8-TETRAHYDROXY(1)BENZOPYRANO(5,4,3-cde)(1)BENZOPYRAN-5,10-DIONE see: DJ2620000
TETRAHYDROPHTHALIC ACID ANHYDRIDE see: GW5775000
TETRAHYDROPHTHALIC ACID, 2,4-HEXADIENYL DIESTER see: GW5115000
TETRAHYDROPHTHALIC ANHYDRIDE see: GW5775000
delta(sup 4)-TETRAHYDROPHTHALIC ANHYDRIDE see: GW5775000
1,2,3,6-TETRAHYDROPHTHALIC ANHYDRIDE see: GW5775000
2,3,4,5-TETRAHYDROPHTHALIMIDOMETHYLCHRYSANTHEMATE see: GZ1730000
N-(3,4,5,6-TETRAHYDROPHTHALIMIDO)-METHYL dl-cis-trans-CHRYSANTHEMATE see: GZ1730000
3,4,5,6-TETRAHYDROPHTHALIMIDOMETHYL cis and trans dl CHRYSANTHEMUMMONOCARBOXYLIC ACID see: GZ1730000
3,4,5,6-TETRAHYDRO-PHTHALIMIDOMETHYLESTER DER dl-cis-trans-CHRYSANTHEMUMSAEURE (German) see: GZ1730000
(+)-2,3,4,4a-TETRAHYDRO-1H,6H-5,10b-PROPANOPHENANTHRIDIN-9-OL HYDROCHLORIDE see: UC3918000
(-)-2,3,4,4a-TETRAHYDRO-1H,6H-5,10b-PROPANOPHENANTHRIDIN-9-OL HYDROCHLORIDE see: UC3917000
2,3,4,4a-TETRAHYDRO-1H,6H-5,10b-PROPANOPHENANTHRIDIN-9-OL HYDROCHLORIDE see: UC3916000
1,2,3,4-TETRAHYDRO-2-PROPYLISOQUINOLINE HYDROCHLORIDE see: NX5114000
1,2,3,4-TETRAHYDRO-2-PROPYLLEUCOLINE HYDROCHLORIDE see: NX5114000
TETRAHYDRO-6-PROPYL-2H-PYRAN-2-ONE see: LU3562000
TETRAHYDROPYRAN-2-CARBINOL see: UQ0175000
2-TETRAHYDROPYRANILCARBINOL see: UQ0175000
TETRAHYDROPYRAN-2-METHANOL see: UQ0175000
TETRAHYDRO-2H-PYRAN-4-OL, 3-BUTYL-5-METHYL-, ACETATE see: UQ0500000
TETRAHYDROPYRANYL-2-METHANOL see: UQ0175000
17-beta-(TETRAHYDRO-2H-PYRAN-2-YLOXY)ESTRA-1,3,5(10)-TRIEN-3-OL see: KG7742000
1,2,3,6-TETRAHYDROPYRIDINE see: UT8226000
1,2,5,6-TETRAHYDROPYRIDINE see: UT8226000
1,2,3,6-TETRAHYDROPYRIDINE (DOT) see: UT8226000
1-(1,2,3,6-TETRAHYDROPYRIDINO)-3-o-TOLYLOXYPROPAN-2-OL HYDROCHLORIDE see: UB8610000
2,3,5,6-TETRAHYDRO-5-(3-PYRIDYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL see: NI3064000
2,3,5,6-TETRAHYDRO-5-(4-PYRIDYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL see: NI3066000
TETRAHYDROPYRROLE see: UX9650000
(R)-3,4,7,8-TETRAHYDRO-3-beta-D-RIBOFURANOSYLIMIDAZO(4,5-d)(1,3)DIAZEPIN-8-OL see: NI2931500
TETRAHYDROSERPENTINE see: AX7875000

py-TETRAHYDROSERPENTINE see: AX7875000
5',6',7',8'-TETRAHYDROSPIRO(CYCLOHEXANE-1,4'(1'H)-QUINAZOLINE)-2'(3'H)-THIONE see: WH0194560 SPIRO(CYCLOHEXANE-1,4'(1'H)-QUINAZOLINE)-2'(3'H)-THIONE, 5',6',7',8'-TETRAHYDRO
3',5',6',7'-TETRAHYDROSPIRO(CYCLOPENTANE-1,4'-(4'H)CYCLOPENTAPYRIMIDINE)-2'(1'H)-THIONE see: WH0196000
1,2,3,4-TETRAHYDROSTYRENE see: GW6650000
6,7,8,9-TETRAHYDRO-5H-TETRAZOLOAZEPINE see: XF8225000
TETRAHYDROTHIAMIN see: XJ5952000 5-THIAZOLIDINEETHANOL, 3-((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)-4-METHYL-
TETRAHYDROTHIAMINE see: XJ5952000 5-THIAZOLIDINEETHANOL, 3-((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)-4-METHYL-
TETRAHYDROTHIAMINE DIPHOSPHATE see: JL6710000 DIPHOSPHORIC ACID, MONO(2-(3-((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)-4-METHYL-5- THIAZOLIDINYL)ETHYL) ESTER
TETRAHYDROTHIAMINE MONOPHOSPHATE see: XJ5952500 5-THIAZOLIDINEETHANOL, 3-((4-AMINO-2-METHYL5-PYRIMIDINYL)METHYL)-4-METHYL-, DIHYDROGEN PHOSPHATE (ester)
TETRAHYDROTHIAMINE PYROPHOSPANTE see: JL6710000 DIPHOSPHORIC ACID, MONO(2-(3-((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)-4-METHYL-5- THIAZOLIDINYL)ETHYL) ESTER
TETRAHYDROTHIAMIN MONOPHOSPHATE see: XJ5952500 5-THIAZOLIDINEETHANOL, 3-((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)-4-METHYL-, DIHYDROGEN PHOSPHATE (ester)
TETRAHYDRO-1H,3H-THIAZOLO(4,3-c)(1,4)THIAZINE-3-THIONE see: XJ7055600
o-((4,5,6,7-TETRAHYDROTHIENO(3,2-c)PYRIDIN-5-YL)METHYL)BENZONITRILE METHANESULFONATE see: DI4955000
2,3,5,6-TETRAHYDRO-5-(2-THIENYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL see: NI3068000
TETRAHYDROTHIOPHENE see: XN0370000
TETRAHYDROTHIOPHENE DIOXIDE see: XN0700000
TETRAHYDROTHIOPHENE 1,1-DIOXIDE see: XN0700000
2,3,4,5-TETRAHYDROTHIOPHENE-1,1-DIOXIDE see: XN0700000
TETRAHYDROTHIOPHENE (DOT) see: XN0370000
TETRAHYDRO-2-THIOPHENONE see: XN1930000
2,3,5,6-TETRAHYDRO-5-(p-TOLYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL see: NI3070000
3a,4,7,7a-TETRAHYDRO-N-(TRICHLOROMETHANESULPHENYL)PHTHALIMIDE see: GW5075000
1,2,3,6-TETRAHYDRO-N-(TRICHLOROMETHYLTHIO)PHTHALIMIDE see: GW5075000
2,3,5,6-TETRAHYDRO-5-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-IMIDAZO(2,1-a)ISOQUINOLIN-5-OL see: NI3072000
(+)-1,2,3,4-TETRAHYDRO-1-(3,4,5-TRIMETHOXYBENZYL)-6,7-ISOQUINOLINEDIOL HYDROCHLORIDE see: NX0500010
(+ -)-1,2,3,4-TETRAHYDRO-1-(3,4,5-TRIMETHOXYBENZYL)-6,7-ISOQUINOLINEDIOL HYDROCHLORIDE see: NX0500020
(S)-N-(5,6,7,9-TETRAHYDRO-1,2,3-TRIMETHOXY-9-OXOBENZO(a)HEPTALEN-7-YL)ACETAMIDE see: AC8752000
2,2',4,4'-TETRAHYDROXY-BENZOPHENONE see: DJ1892000
2,4,2',4'-TETRAHYDROXYBENZOPHENONE see: DJ1892000
TETRA-(2-HYDROXYETHYL)SILANE see: KM2920000
3',4',5,7-TETRAHYDROXYFLAVAN-3-OL see: LK8750000
3,4',5,7-TETRAHYDROXYFLAVONE see: LK9275200
3,5,7,8-TETRAHYDROXYFLAVONE see: LK9275250
11-beta,16-alpha,17-alpha,21-TETRAHYDROXY-9-alpha-FLUORO-1,4-PREGNADIENE-3,20-DIONE see: TU3850000
3',4',5,6-TETRAHYDROXY-7-METHOXYFLAVONE see: LK9275430
1,4,5,8-TETRAHYDROXY-2-METHYLANTHRAQUINONE see: CB8079000
1,4,5,8-TETRAHYDROXY-2-METHYL-9,10-ANTHRAQUINONE see: CB8079000
1,4,6,8-TETRAHYDROXY-3-METHYL-9,10-ANTHRAQUINONE see: CB7920400
delta-sup(20:22)-3-beta,12-beta,14,21-TETRAHYDROXYNORCHOLENIC ACID LACTONE see: FH5390000
3-alpha,4-beta,7-alpha,15-TETRAHYDROXYSCIRP-9-EN-8-ONE see: YD0165000
9,10,11,12-TETRAHYDROXYTETRAHYDROBENZO(e)PYRENE see: DJ8020000
7-beta,8-alpha,9-beta,10-beta-TETRAHYDROXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE see: DJ8000000
7-beta,8-alpha,9-beta,10-beta-TETRAHYDROXY-7,8,9,10-TETRAHYDROBENZO(a)PYRENE see: DJ7995000
TETRAIDROFURANO (Italian) see: LU5950000
TETRAIODE see: SM8400000
TETRAIODOFLUORESCEIN see: LM5940000
2',4',5',7'-TETRAIODOFLUORESCEIN see: LM5940000
TETRAIODOFLUORESCEIN SODIUM SALT see: LM5950000
TETRAIODOPHENOLPHTHALEIN see: SM8396800
3',3'',5',5''-TETRAIODOPHENOLPHTHALEIN see: SM8397000
TETRAIODOPHENOLPHTHALEIN SODIUM see: SM8400000
TETRAIODOPHTHALEIN SODIUM see: SM8400000
TETRAIODOPHTHALIC ACID SODIUM SALT see: TI3050000
TETRAIODOTHYRONINE see: YP2833500
3,3',5,5'-TETRAIODO-L-THYRONINE, SODIUM SALT see: XP3583000
TETRAISOAMYLSTANNANE see: WH8627000
TETRAISOBUTYLSTANNANE see: WH8626000
TETRAISOBUTYLTIN see: WH8626000
TETRAISOPENTYLSTANNANE see: WH8627000
TETRAISOPROPYLTIN see: WH8628000
TETRAKAP see: QI9100000
1,1,2,2-TETRAKIS(ALLYLOXY)ETHANE see: KI8925000
2,3,5,6-TETRAKIS(1-AZIRIDINYL)-1,4-BENZOQUINONE see: DK7050000
TETRAKIS(DIETHYLCARBAMODITHIOATO-S,S')SELENIUM see: VT0700000
TETRAKIS(DIETHYLCARBAMODITHIOATO-S,S')TELLURIUM see: WY2950000
TETRAKIS(DIETHYLDITHIOCARBAMATO)SELENIUM see: VT0700000
TETRAKIS(DIETHYLDITHIOCARBAMATO)TELLURIUM see: WY2950000
TETRAKISDIMETHYLAMINOPHOSPHONOUS ANHYDRIDE see: UX5950000
TETRAKIS(DIMETHYLCARBAMODITHIOATO-S,S')SELENIUM see: VT0780000
TETRAKIS(ETHYLENEIMINE)PLATINUM(II) TETRACHLOROPLAINATE see: TP2509000
TETRAKIS(HYDROXYMETHYL)METHANE see: RZ2490000
TETRAKIS(HYDROXYMETHYL)PHOSPHONIUM CHLORIDE see: TA2450000
TETRAKIS(HYDROXYMETHYL)PHOSPHONIUM SULFATE see: TA2570000
N,N,N',N'-TETRAKIS(2-HYDROXY-PROPYL)ETHYLENEDIAMINE see: UB5604000
2,2,6,6-TETRAKIS(NICOTINOYLOXYMETHYL)CYCLOHEXANOL see: QT2065000
TETRAKIS(p-PHENOXYPHENYL)TIN see: WH8629000
TETRALENO see: KX3850000
TETRALEX see: KX3850000
TETRALIN see: QK3850000
TETRALINA (Polish) see: QK3850000
TETRALINE see: QK3850000
TETRALINEHYDROPEROXYDE (Dutch) see: MX2625000
TETRALINHYDROPEROXID (German) see: MX2625000
TETRALIN HYDROPEROXIDE see: MX2625000
TETRALIN HYDROPEROXIDE, technically pure (DOT) see: MX2625000
TETRALIT see: BY6300000
TETRALITE see: BY6300000
TETRALOL see: QL5300000
ac-beta-TETRALOL see: QL5300000
alpha-TETRALOL see: QL5075000
3-(alpha-TETRAL)-4-OXYCOUMARIN see: GN7630000
TETRALUTION see: QI9100000
3-(alpha-TETRALYL)-4-HYDROXYCOUMARIN see: GN7630000
3-(d-TETRALYL)-4-HYDROXYCOUMARIN see: GN7630000
TETRAM see: TF0525000
TETRAM 75 see: TF1400000
TETRAM, ACID OXALATE see: TF1400000
TETRAMAVAN see: QI9100000
TETRAMEEN see: KV7175000
1,2,5,6-TETRAMESYL-D-MANNITOL see: OP3605000
1,2,5,6-TETRAMETHANESULFONYL-D-MANNITOL see: OP3605000
1,2,9,10-TETRAMETHOXY-6a-alpha-APORPHINE HYDROCHLORIDE see: CE0930000
1,2,9,10-TETRAMETHOXY-6a-alpha-APORPHINE-3-METHANOL HYDROCHLORIDE see: CE0905000
1,2,9,10-TETRAMETHOXY-6a-alpha-APORPHINE 6-OXIDE see: CE0935000
dl-1,2,9,10-TETRAMETHOXY-6a-alpha-APORPHINE PHOSPHATE see: CE0936000
N-((1,2,9,10-TETRAMETHOXY-6a-alpha-APORPHIN-3-YL)METHYL)ACETAMIDE HYDROCHLORIDE see: AC8760000
N-((1,2,9,10-TETRAMETHOXY-6a-alpha-APORPHIN-3-YL)METHYL)BENZAMIDE HYDROCHLORIDE see: CV5850000
6,7,3',4'-TETRAMETHOXY-1-BENZYLISOQUINOLINE HYDROCHLORIDE see: NW8575000
2-(3,4,5-TETRAMETHOXYBENZYL)-1,2,3,6-TETRAHYDROPYRIDINE HYDROCHLORIDE see: UT8563000
2,3,10,11-TETRAMETHOXY-13a-alpha-BERBINE CITRATE see: DR9810000
2,3,9,10-TETRAMETHOXY-13a-alpha-BERBINE HYDROCHLORIDE see: DR9842300
3,6,11,14-TETRAMETHOXYDIBENZO(g,p)CHRYSENE see: HO7282000
6',7',10,11-TETRAMETHOXYEMETAN see: DK1750000
6',7',10,11-TETRAMETHOXYEMETAN DIHYDROCHLORIDE TETRAHYDRATE see: DK1800000
1,2,9,10-TETRAMETHOXY-3-METHYLAMINE-6a-alpha-APORPHINE DIHYDROCHLORIDE see: CE0195000
1,2,9,10-TETRAMETHOXY-6a-alpha-NORAPORPHINE see: RB6000200
TETRAMETHOXY SILANE see: VV9800000
3,6,7,8-TETRAMETHOXY-3',4',5-TRIHYDROXYFLAVONE see: LK9275480
TETRAMETHRIN see: GZ1730000
TETRAMETHRINE (French) see: GZ1730000
N,N,N',N'-TETRAMETHYL-3,6-ACRIDINEDIAMINE see: AR7600000
3,2',4',6'-TETRAMETHYLAMINODIPHENYL see: DV0400000
TETRAMETHYLAMMONIUM HYDROXIDE see: PA0875000
TETRAMETHYL AMMONIUM HYDROXIDE, LIQUID (DOT) see: PA0875000
TETRAMETHYLAMMONIUM PERCHLORATE see: BS8250000
N,N,10,10-TETRAMETHYL-delta(sup 9(10),gamma)-ANTHRACENEPROPYLAMINE see: CB0770000 delta-(sup 9(10),gamma)-ANTHRACENEPROPYLAMINE, N,N,10,10-TETRAMETHYL-
N,N,10,10-TETRAMETHYL-delta(sup 9(10H)),gamma-ANTHRACENEPROPYLAMINE HYDROCHLORIDE see: CB0875000
TETRAMETHYLARSONIUM IODIDE see: CI0525000
1,3,4,10-TETRAMETHYL-7,8-BENZACRIDINE (French) see: CU4315000
7,8,9,11-TETRAMETHYLBENZ(c)ACRIDINE see: CU4315000
1,2,3,4-TETRAHYDRO-2-((ISOPROPYLAMINO)METHYL)-7-NITRO-6-QUINOLINEMETHANOL see: VC0340000
5,6,9,10-TETRAMETHYL-1,2-BENZANTHRACENE see: CX3325000
6,7,9,10-TETRAMETHYL-1,2-BENZANTHRACENE see: CX3400000
7,9,10,12-TETRAMETHYLBENZ(a)ANTHRACENE see: CX3400000
TETRAMETHYLBENZIDINE see: DD1752000 BENZIDINE, TETRAMETHYL-
3,3',5,5'-TETRAMETHYLBENZIDINE see: DV2300000
3,5,3',5'-TETRAMETHYLBENZIDINE see: DV2300000
3,2',4',6'-TETRAMETHYLBIPHENYLAMINE see: DV0400000
1-(1-(1,1,3,3-TETRAMETHYLBUTYL)-3-AZETIDINYL)GUANIDINE see: MF6500000
p-(1',1',3',3'-TETRAMETHYLBUTYL)FENOL see: SM9625000
1,1,3,3-TETRAMETHYLBUTYL HYDROPEROXIDE (DOT) see: EQ4910000
1,1,3,3-TETRAMETHYLBUTYL PEROXY-2-ETHYLHEXANOATE, technically pure (DOT) see: SE0550000
p-(1,1,3,3-TETRAMETHYLBUTYL)PHENOL polymer with ETHYLENE OXIDE and FORMALDEHYDE see: SM9750000
(2-(2,2,3,3-TETRAMETHYLBUTYLTHIO)ACETOXY)TRIBUTYLSTANNANE see: WH8635000
TETRAMETHYLCYCLOBUTA-1,3-DIONE see: GU1775000
TETRAMETHYL-1,3-CYCLOBUTANEDIONE see: GU1775000
N,N,N',N'-TETRAMETHYL-DIAMIDO-FOSFORZUUR-FLUORIDE (Dutch) see: TD4025000
TETRAMETHYLDIAMIDOPHOSPHORIC FLUORIDE see: TD4025000
N,N,N',N'-TETRAMETHYL-DIAMIDO-PHOSPHORSAEURE-FLUORID (German) see: TD4025000
TETRAMETHYLDIAMINOBENZOPHENONE see: DJ0250000
TETRAMETHYLDIAMINODIPHENYLACETIMINE see: BY3500000
TETRAMETHYLDIAMINODIPHENYLMETHANE see: BY5250000
N,N,N'N'-TETRAMETHYL-p,p'-DIAMINODIPHENYLMETHANE see: BY5250000
N,N,N'N'-TETRAMETHYL-4,4'-DIAMINODIPHENYLMETHANE see: BY5250000
p,p-TETRAMETHYLDIAMINODIPHENYLMETHANE see: BY5250000
N,N,N',N'-TETRAMETHYL-1,2-DIAMINOETHANE see: KV7175000
N,N,N',N'-TETRAMETHYLDIAMINOMETHAN (German) see: PA6700000
TETRAMETHYLDIURANE SULPHITE see: JO1400000
N,N'-TETRAMETHYLENEBIS(1-AZIRIDINECARBOXAMIDE) see: CM6785000
1,1'-TETRAMETHYLENEBIS(3-CARBAMOYLPYRIDINIUM BROMIDE) see: UU6953000
5,5'-(TETRAMETHYLENEBIS(CARBONYLIMINO))BIS(N-METHYL-2,4,6-TRIIODOISOPHTHALAMIC ACID) see: NT1999400
TETRAMETHYLENEBIS(CARBONYLIMINO)DIETHYLENEBIS(TRIMETHYLAMMONIUM IODIDE) see: BO2432000
TETRAMETHYLENE BIS(METHANESULFONATE see: EK1750000
1,1'-TETRAMETHYLENEBIS(PYRIDINIUM BROMIDE) see: UU6954000
2,2'-TETRAMETHYLENE-BIS(2-THIOPSEUDOUREA), DIHYDROBROMIDE see: UN1840000
TETRAMETHYLENE BLUE see: SO5600000
TETRAMETHYLENE CHLOROHYDRIN see: EL1325000
TETRAMETHYLENE CYANIDE see: AV2625000
TETRAMETHYLENEDIAMINE see: EJ6800000
1,4-TETRAMETHYLENEDIAMINE see: EJ6800000
3,3'-(TETRAMETHYLENEDIIMINO)DIPROPIONALDEHYDE DIHYDROCHLORIDE see: UE2600000
TETRAMETHYLENE DIMETHANE SULFONATE see: EK1750000
6,6'-(TETRAMETHYLENEDIOXY)-BIS(4-AMINOQUINALDINE) DIHYDROCHLORIDE see: UZ9900000
TETRAMETHYLENEDISULFOTETRAMINE see: JO6300000
TETRAMETHYLENE OXIDE see: LU5950000
TETRAMETHYLENEOXIRANE see: RN7175000
TETRAMETHYLENESULFIDE see: XN0370000
TETRAMETHYLENE SULFONE see: XN0700000
TETRAMETHYLENETETRANITRAMINE see: XF7450000
TETRAMETHYLENETHIURAM DISULPHIDE see: JO1400000
TETRAMETHYLENIMINE see: UX9650000
N,N,N',N'-TETRAMETHYLETHANEDIAMINE see: KV7175000
3,3,5,5-TETRAMETHYL-4-ETHOXYVINYLCYCLOHEXANONE see: GW1470000
TETRAMETHYL ETHYLENE DIAMINE see: KV7175000
N,N,N',N'-TETRAMETHYLETHYLENEDIAMINE see: KV7175000
TETRAMETHYLETHYLENE GLYCOL see: EK1720000
1,1,3,3-TETRAMETHYLGUANIDINE HYDROCHLORIDE see: MF6570000
3,7,11,15-TETRAMETHYL-2-HEXADECEN-1-OL see: TJ3490000
N,N,N',N'-TETRAMETHYLHEXAMETHYLENEDIAMINE-1,3-DIBROMOPROPANE copolymer see: MO1400000

TETRAMETHYLHYDRAZINE HYDROCHLORIDE see: MW0190000
TETRAMETHYL LEAD see: TP4725000
N,N,N',N'-TETRAMETHYLMETHANEDIAMINE see: PA6700000
TETRAMETHYL METHYLENE DIAMINE (DOT) see: PA6700000
2,2,6,6-TETRAMETHYLNITROSOPIPERIDINE see: TN2145000
p-1',1',4',4'-TETRAMETHYLOKTYLBENZENSULFONAN SODNY (Czech) see: DB6825000
TETRAMETHYLOLMETHANE see: RZ2490000
2,6,10,14-TETRAMETHYLPENTADECANE see: RZ1880000
1:2:3:4-TETRAMETHYLPHENANTHRENE see: SF7900000
N,N,N,alpha-TETRAMETHYL-10H-PHENOTHIAZINE-10-ETHANAMINIUM METHYL SULFATE see: SP0175000
(2,3,5,6-TETRAMETHYLPHENYL)MERCURY ACETATE see: OV6680000
TETRAMETHYLPHOSPHORODIAMIDIC FLUORIDE see: TD4025000
N,N,N,N-TETRAMETHYLPHOSPHORODIAMIDIC FLUORIDE see: TD4025000
1,1,4,4-TETRAMETHYLPIPERAZINIUM DIBROMIDE see: TM3404000
2,2',4',6'-TETRAMETHYL-1-PIPERIDINEACETANILIDE see: TM3537000
2',3,4',6'-TETRAMETHYL-1-PIPERIDINEACETANILIDE see: TM3538000
2',4,4'6'-TETRAMETHYL-1-PIPERDINEACETANILIDE see: TM3539000
(2-(2,2,6,6-TETRAMETHYLPIPERIDINO)ETHYL)GUANIDINE SULFATE (2:1) see: MF6554000
TETRAMETHYLPLUMBANE see: TP4725000
TETRAMETHYLPYRAZINE see: UQ3905000
2,3,5,6-TETRAMETHYL PYRAZINE see: UQ3905000
2,6,9,11-TETRAMETHYL-5H-PYRIDO(3',4':4:5)PYRROLO(2,3-g)ISOQUINOLINIUM see: UV1176100
N,N,2,3-TETRAMETHYL-4-(4'-(PYRIDYL-1'-OXIDE)AZO)ANILINE see: UT2275000
N,N,2,5-TETRAMETHYL-4-(4'-(PYRIDYL-1'-OXIDE)AZO)ANILINE see: UT2450000
N,N,2,6-TETRAMETHYL-4-(4'-(PYRIDYL-1'-OXIDE)AZO)ANILINE see: UT2625000
TETRAMETHYL PYRONIN see: BQ1450000
TETRAMETHYLSILANE see: VV5705400
TETRAMETHYLSILANE (DOT) see: VV5705400
TETRAMETHYLSTANNANE see: WH8630000
TETRAMETHYLSTIBONIUM IODIDE see: WJ1925000
TETRAMETHYLSUCCINONITRILE see: WN4025000
TETRA-o-METHYL-SULPHONYL-D-MANNITOL see: OP3605000
TETRAMETHYLTHIOCARBAMOYLDISULPHIDE see: JO1400000
TETRAMETHYL-O,O'-THIODI-p-PHENYLENE PHOSPHOROTHIOATE see: TF6890000
O,O,O',O'-TETRAMETHYL O,O'-THIODI-p-PHENYLENE PHOSPHOROTHIOATE see: TF6890000
TETRAMETHYLTHIONINE CHLORIDE see: SO5600000
TETRAMETHYLTHIOPEROXYDICARBONIC DIAMIDE see: JO1400000
TETRAMETHYLTHIORAMDISULFIDE (Dutch) see: JO1400000
TETRAMETHYLTHIOUREA see: YU2750000
1,1,3,3-TETRAMETHYLTHIOUREA see: YU2750000
TETRAMETHYL-THIRAM DISULFID (German) see: JO1400000
TETRAMETHYLTHIURAM see: JO1400000
TETRAMETHYLTHIURAM BISULFIDE see: JO1400000
TETRAMETHYLTHIURAM BISULPHIDE see: JO1400000
TETRAMETHYLTHIURAM DISULFIDE see: JO1400000
N,N,N',N'-TETRAMETHYLTHIURAM DISULFIDE see: JO1400000
TETRAMETHYLTHIURAM DISULFIDE mixed with FERRIC NITROSODIMETHYLDITHIOCARBAMATE see: NO7250000
TETRAMETHYLTHIURAM DISULPHIDE see: JO1400000
N,N-TETRAMETHYLTHIURAM DISULPHIDE see: JO1400000
TETRAMETHYLTHIURAMMONIUM SULFIDE see: WQ1750000
TETRAMETHYLTHIURAM MONOSULFIDE see: WQ1750000
TETRAMETHYLTHIURAMONOSULFIDE see: WQ1750000
TETRAMETHYLTHIURAM SULFIDE see: WQ1750000
TETRAMETHYLTHIURAN DISULPHIDE see: JO1400000
TETRAMETHYL THIURANE DISULFIDE see: JO1400000
TETRAMETHYL THIURANE DISULPHIDE see: JO1400000
TETRAMETHYLTHIURUM DISULFIDE see: JO1400000
TETRAMETHYLTHIURUM DISULPHIDE see: JO1400000
TETRAMETHYL TIN see: WH8630000
(-)-2,2,5,5-TETRAMETHYL-alpha-((o-TOLYLOXY)METHYL)-1-PYRROLIDINEETHANOL HYDROCHLORIDE see: UY1229000
TETRAMETHYLUREA see: YU2625000
1,1,3,3-TETRAMETHYLUREA see: YU2625000
TETRAMETHYLUREE (French) see: YU2625000
N,N,N',N'-TETRAMETIL-FOSFORODIAMMIDO-FLUORURO (Italian) see: TD4025000
TETRAMINE see: JO6300000
TETRAMINE see: QI8225000
TETRAMINE FAST BROWN BRDN EXTRA see: GL7375000
TETRAMINE FAST BROWN BRP see: GL7375000
TETRAMINE FAST BROWN BRS see: GL7375000
TETRAMINE PLATINUM(II) CHLORIDE see: TP1840000
1,4,5,8-TETRAMINOANTHRAQUINONE see: CB0540000
TETRAMISOLE see: NJ5950000
TETRAMISOLE HYDROCHLORIDE see: NJ5950000
DL-TETRAMISOLE HYDROCHLORIDE see: NJ5950000
l-TETRAMISOLE HYDROCHLORIDE see: NJ5960000
TETRAMISOL HYDROCHLORIDE see: NJ5950000
TETRAM MONOOXALATE see: TF1400000
TETRAMYCIN see: QI9100000
TETRAN see: QI7875000
TETRAN 30 see: KX4025000
TETRANAP see: QK3850000
TETRANATRIUMPYROPHOSPHAT (German) see: UX7350000
(-)-TETRANDRINE see: SF6850000
TETRAN HYDROCHLORIDE see: QI8225000
TETRANICOTINIC ACID 2-HYDROXYCYCLOHEXA-1,1,3,3-TETRAMETHYL ESTER see: QT2065000
TETRANITROANILINE (DOT) see: BY9200000
2,4,5,7-TETRANITROCHRYSAZIN see: CB6750000
TETRANITRO DIGLYCERIN (DOT) see: TZ0964000
2,2',4,4'-TETRANITRODIPHENYLAMINE see: JK0186500
TETRANITROMETHANE see: PB4025000
TETRANITROMETHANE (DOT) see: PB4025000
1,3,6,8-TETRANITRONAPHTHALENE see: QK3889200
N,2,4,6-TETRANITRONITRAMINE see: BY9274000
TETRANITROPENTAERYTHRITE see: RZ2620000
2,3,4,6-TETRANITROPHENOL (DOT) see: SM9820000
2,3,4,6-TETRANITROPHENYL METHYL NITRAMINE (DOT) see: BY5855000
N,2,3,4,6-TETRANITROPHENYLNITRAMINE (DOT) see: BY7924900
TETRANITRORESORCINOL, dry (DOT) see: VH3360000
2,3,5,6-TETRANITROSO-1,4-DINITROBENZENE (DOT) see: CZ7876000
2,3,5,6-TETRANITROSONITROBENZENE, dry (DOT) see: DA6610000
TETRAN PTFE see: KX4025000

XF0400000 TETRAOLEAN, PHOSPHATE
UPDT:8308 MW: 1230.45 MOLFM: C35-H61-N-O12 .C22-H24-N2-O8 .H3-O4-P
SYN: CF 1472 PHOSPHATE * OLEANDOMYCIN-TETRACYCLINE mixt., PHOSPHATE SALT * SIGMAMYCIN PHOSPHATE
TOXICITY DATA AND REFERENCES:
2F12T22 ivn-rat LD50:355 mg/kg ANTCAO 7,255,57
2F12J22 ivn-mus LD50:296 mg/kg ANTCAO 7,255,57

TETRA OLIVE N2G see: CA9350000

XF0550000 1,4,7,10-TETRAOXACYCLODODECANE
UPDT:8406 CAS: 294-93-9 MW: 176.24 MOLFM: C8-H16-O4
SYN: 12-CROWN-4 * EOCT * ETHYLENE OXIDE CYCLIC TETRAMER
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T03 ihl-rat TCLo:1 ppm/7H (15D male) TXAPA9 27,342,74
1T02 ihl-rat TCLo:500 ppb/7H (15D male) TXAPA9 27,342,74
TOXICITY DATA AND REFERENCES:
orl-mus LD50:3150 mg/kg TXAPA9 44,263,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XF0560000 1,2,4,5-TETRAOXACYCLONONANE, 3,3,6,6,9,9-HEXAMETHYL-
UPDT:8310 MW: 218.33 MOLFM: C11-H22-O4
SYN: 3,3,6,6,9,9-HEXAMETHYL-1,2,4,5-TETRAOXACYCLONONANE, technically pure (DOT) * UN 2165 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

XF0562000 1,2,4,5-TETRAOXACYCLONONANE, 3,3,6,6,9,9-HEXAMETHYL, maximum concentration 52% with inert solid
UPDT:8312 MW: 218.33 MOLFM: C11-H22-O4
SYN: 3,3,6,6,9,9-HEXAMETHYL-1,2,4,5-TETRAOXACYCLONONANE 52% with inert solid (DOT) * UN 2166 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.102,83

XF0564000 1,2,4,5-TETRAOXACYCLONONANE, 3,3,6,6,9,9-HEXAMETHYL-, not more than 52% in solution
UPDT:8308 MW: 218.33 MOLFM: C11-H22-O4
SYN: 3,3,6,6,9,9-HEXAMETHYL-1,2,4,5-TETRAOXACYCLONONANE, not more than 52% in solution (DOT) * UN 2167 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

XF0660000 10,16,21,22-TETRAOXA-3,13-DITHIATRICYCLO(16.2.1.1.(sup 5,8))DOCOSA-5,7,18,20-TETRAENE-9,17- DIONE
UPDT:8303 CAS: 71349-33-2 MW: 368.44 MOLFM: C16-H16-O6-S2
SYN: 2-FUROIC ACID, 5,5'-THIODIMETHYLENEDI-, CYCLIC ESTER with 2,2'-THIODIETHANOL
MUTATION DATA AND REFERENCES:
mmc-sat 25 mmol/plate BZARAZ 32,1146,79
mmo-esc 25 mmol/plate BZARAZ 32,1146,79
mmo-omi 100 mmol/plate BZARAZ 32,1146,79

2,2'-(2,5,8,11-TETRAOXA-1,2-DODECANEDIYL)BISOXIRANE see: XF0700000

XF0700000 2,2'-(2,5,8,11-TETRAOXA-1,12-DODECANE DIYL)BISOXIRANE
UPDT:8403 CAS: 1954-28-5 MW: 262.34 MOLFM: C12-H22-O6
SYN: AYERST 62013 * 1,2-BIS(2-(2,3-EPOXYPROPOXY)ETHOXY)ETHANE * 1,2:15,16-DIEPOXY-4,7,10,13-TETRAOXAHEXADECANE * DIGLYCIDYLTRIETHYLENE GLYCOL * EPODYL * ETHOGLUCID * ETHOGLUCIDE * ETOGLUCID * ETOGLUCIDE * ICI-32865 * OXIRANE, 2,2'-(2,5,8,11-TETRAOXADODECANE-1,12-DIYL)BIS- (9CI) * 2,2'-(2,5,8,11-TETRAOXA-1,2-DODECANEDIYL)BISOXIRANE * 4,7,10,13-TETRAOXAHEXADECANE, 1,2:15,16-DIEPOXY- (8CI) * TDE * TRIETHYLENE GLYCOL DIGLYCIDYL ETHER
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate MUREAV 111,99,83
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:3800 mg/kg/4W JNCIAM 36,915,66
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:700 mg/kg IARC** 11,209,76
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 11,209,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4,7,10,13-TETRAOXAHEXADECANE, 1,2:15,16-DIEPOXY- (8CI) see: XF0700000

XF0791000 11,16,18,19-TETRAOXAPENTACYCLO(12.2.2.1(sup 6,9).0(sup 1,15).0(10,12)NONADECA-6,8-DIENE-7- CARBOXALDEHYDE, 2-(ACETYLOXY)-12-METHYL-4-(1-METHYLETHENYL)-17-OXO-, (1R-(1R*,2S*,4S*,10R*,12R*,14R*,15R*))-
UPDT:8403 CAS: 78697-56-0 MW: 416.46 MOLFM: C22-H24-O8
SYN: LOPHOTOXIN
TOXICITY DATA AND REFERENCES:
3C08F19J25 scu-mus LD50:8 mg/kg SCIEAS 212,1512,81

XF0875000 2,4,8,10-TETRAOXASPIRO(5.5)UNDECANE, 3,9-DIVINYL-
UPDT:8307 CAS: 78-19-3 MW: 212.27 MOLFM: C11-H16-O4
SYN: 3,9-DIVINYLSPIROBI(m-DIOXANE) * 3,9-DIVINYL-2,4,8,10-TETRAOXASPIRO(5.5)UNDECANE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4066 mg/kg AIHAAP 30,470,69
* ivn-mus LD50:320 mg/kg CSLNX* NX#01186
* skn-rbt LD50:9908 mg/kg AIHAAP 30,470,69

XF0876000 2,4,10,12-TETRAOXA-6,16,17,18-TETRAAZA-3,11-DISTIBATRICYCLO(11.3.1.1(sup 5,9))OCTADECA- 1(17),5,7,9(18),13,15-HEXAENE, 3,11-DIHYDROXY-
UPDT:8205 CAS: 77824-44-3 MW: 497.68 MOLFM: C8-H6-N4-O6-Sb2
SYN: ANTIMONYL-2,4-DIHYDROXY PYRIMIDINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg JEMAAJ 62,1,79
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**

XF0877000 2,4,10,12-TETRAOXA-6,16,17,18-TETRAAZA-3,11-DISTIBATRICYCLO(11.3.1.1(sup 5,9))OCTADECA- 1(17),5,7,9(18),13,15-HEXAENE-8,14-DIMETHANOL, 3,11-DIHYDROXY-
UPDT:8204 CAS: 77824-42-1 MW: 557.74 MOLFM: C10-H10-N4-O8-Sb2
SYN: ANTIMONYL-2,4-DIHYDROXY-5-HYDROXYMETHYL PYRIMIDINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:660 mg/kg JEMAAJ 62,1,79
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**

XF0877500 10,13,18,19-TETRAOXA-3-THIATRICYCLO(13.2.1.1(sup 5,8))NONADECA-5,7,15,17-TETRAENE-9,14-DIONE
UPDT:8305 CAS: 73853-09-5 MW: 308.32 MOLFM: C14-H12-O6-S
SYN: 2-FUROIC ACID, 5,5'-THIODIMETHYLENEDI-, CYCLIC ESTER with ETHYLENE GLYCOL
MUTATION DATA AND REFERENCES:
mmo-sat 25 mmol/plate BZARAZ 32,1146,79

mmo-esc 25 mmol/plate BZARAZ 32,1146,79
mmo-omi 100 mmol/plate BZARAZ 32,1146,79

XF0878000 2,16,22,23-TETRAOXA-9-THIATETRACYCLO(15.3.1.1(sup 4,7).1(sup 14))-TRICOSA-1(21),4,6,11,13, 17,19-HEPTAENE-3,15-DIONE
UPDT:8303 CAS: 71349-40-1 MW: 356.36 MOLFM: C18-H12-O6-S
SYN: 2-FUROIC ACID, 5,5'-THIODIMETHYLENEDI-, CYCLIC ESTER with RESORCINOL
MUTATION DATA AND REFERENCES:
mmo-esc 100 mmol/plate BZARAZ 32,1146,79
mmo-omi 100 mmol/plate BZARAZ 32,1146,79

XF0878500 10,15,20,21-TETRAOXA-3-THIATRICYLCO(15.2.1.1(sup 5,8))HENEICOSA-5,7,12,17,19-PENTAENE-9,16- DIONE, (E)-
UPDT:8303 CAS: 71349-44-5 MW: 334.36 MOLFM: C16-H14-O6-S
SYN: 2-FUROIC ACID, 5,5'-THIODIMETHYLENEDI-, CYCLIC ESTER with trans-2-BUTENE-1,4-DIOL
MUTATION DATA AND REFERENCES:
mmo-esc 25 mmol/plate BZARAZ 32,1146,79
mmo-omi 100 mmol/plate BZARAZ 32,1146,79

2,5,8,10-TETRAOXATRIDEC-12-ENOIC ACID, 9-OXO-, 2-PROPENYL ESTER (9CI) see: FG2080000
2,5,7,10-TETRAOXAUNDECANE, 6-METHYL- see: AB2100000
2,4,5,6-TETRAOXOHEXAHYDROPYRIMIDINE see: BA4200000
2,4,5,6-TETRAOXOHEXAHYDROPYRIMIDINE HYDRATE see: UW0492000
TETRAPENTYLSTANNANE see: WH8636000
TETRAPHAN see: CU3350000
TETRAPHENE see: CV9275000
TETRAPHENYLARSENIUM CHLORIDE see: CI0600000
TETRAPHENYLARSONIUM CHLORIDE see: CI0600000
TETRAPHENYL METHANE see: PB4050000
TETRAPHOSPHATE HEXAETHYLIQUE (French) see: XF1575000
TETRAPHOSPHOR (German) see: TH3500000

XF1575000 TETRAPHOSPHORIC ACID, HEXAETHYL ESTER
UPDT:8406 CAS: 757-58-4 MW: 506.30 MOLFM: C12-H30-O13-P4
SYN: BLADAN * BLADAN BASE * ETHYL TETRAPHOSPHATE * ETHYL TETRAPHOSPHATE, HEXA- * HET * HETP * HEXAETHYL TETRAPHOSPHATE * HEXAETHYL TETRAPHOSPHATE, LIQUID (DOT) * HTP * RCRA WASTE NUMBER P062 * TETRAPHOSPHATE HEXAETHYLIQUE (French) * UN 1611 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:7 mg/kg FEPRA7 6,335,47
2F12Y01 skn-rat LDLo:15 mg/kg APTOA6 4,143,48
ipr-rat LD50:2500 ug/kg JAMAAP 144,104,50
2F12Y01 scu-rat LD50:640 ug/kg APTOA6 4,143,48
orl-mus LD50:56 mg/kg FEPRA7 6,335,47
ipr-mus LD50:6100 ug/kg JPETAB 92,173,48
scu-mus LDLo:1 mg/kg APTOA6 4,143,48
ivn-dog LDLo:1300 ug/kg JPETAB 92,173,48
ims-dog LDLo:1500 ug/kg JPETAB 92,173,48
2F12Y01 scu-cat LDLo:3 mg/kg APTOA6 4,143,48
orl-rbt LD50:21 mg/kg FEPRA7 6,335,47
2F12Y01 scu-rbt LDLo:2 mg/kg APTOA6 4,143,48
ivn-rbt LD50:690 ug/kg FEPRA7 6,335,47
orl-gpg LD50:16 mg/kg FEPRA7 6,335,47
2F12Y01 scu-gpg LD50:1500 ug/kg APTOA6 4,143,48
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XF1577000 TETRAPHOSPHORIC ACID, HEXAETHYL ESTER (dry mixture)
UPDT:8412 CAS: 757-58-4 MW: 506.30 MOLFM: C12-H30-O13-P4
SYN: HEXAETHYL TETRAPHOSPHATE MIXTURE, DRY (DOT) * NA 2783 (DOT) * RCRA WASTE NUMBER P062
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82

XF1580000 TETRAPHOSPHORIC ACID, HEXAETHYL ESTER, mixed with compressed gas
UPDT:8308 CAS: 757-58-4 MW: 515.39 MOLFM: C12-H39-O13-P4
SYN: HEXAETHYL TETRAPHOSPHATE and compressed gas mixture (DOT) * UN 1612 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON A; LABEL:POISON GAS CFRGBR 49,172.101,82

TETRAPHOSPHORUS TRISULFIDE see: TH4330000
TETRAPOM see: JO1400000
TETRAPOTASSIUM OCTACYANOMOLYBDENATE(4-) see: QA4671000
TETRAPROPOXY TITANATE see: UH8840000
TETRAPROPOXYTITANIUM see: UH8840000
TETRA-n-PROPYL DITHIONOPYROPHOSPHATE see: XN4550000
0,0,0,0-TETRAPROPYL DITHIOPYROPHOSPHATE see: XN4550000
TETRA-n-PROPYL DITHIOPYROPHOSPHATE see: XN4550000
TETRAPROPYLENE see: UD1950000
TETRAPROPYLTITANATE (DOT) see: UH8840000
TETRASIPTON see: JO1400000
TETRASODIUM DIPHOSPHATE see: UX7350000
TETRASODIUM EDETATE see: AH5075000
TETRASODIUM EDTA see: AH5075000
TETRASODIUM ETHYLENEDIAMINETETRAACETATE see: AH5075000
TETRASODIUM ETHYLENEDIAMINETETRACETATE see: AH5075000
TETRASODIUM (ETHYLENEDINITRILO)TETRAACETATE see: AH5075000
TETRASODIUM PYROPHOSPHATE see: UX7350000
TETRASODIUM PYROPHOSPHATE, ANHYDROUS see: UX7350000
TETRASODIUM SALT EDTA see: AH5075000
TETRASODIUM SALT OF EDTA see: AH5075000
TETRASODIUM SALT OF ETHYLENEDIAMINETETRACETIC ACID see: AH5075000
TETRASOL see: FG4900000
TETRASOL see: XF8225000
TETRASTIGMINE see: UX6825000
TETRASUL see: WQ3850000
TETRASULE see: RZ2620000
TETRA SYTAM see: TD4025000

XF6430000 (1,2,3,4)TETRATHIOCINO(5,6-b:8,7-b')DIINDOLE, 5,10-DIHYDRO-
UPDT:8305 CAS: 13839-92-4 MW: 358.52 MOLFM: C16-H10-N2-S4
SYN: 5,10-DIHYDRO(1,2,3,4)TETRATHIOCINO(5,6-b:8,7-b')DIINDOLE * 3,3'-DIINDOLYL-2,2'-TETRASULFIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg DRFUD4 7,731,82

TETRATHIURAM DISULFIDE see: JO1400000
TETRATHIURAM DISULPHIDE see: JO1400000
TETRAVEC see: KX3850000
TETRAVERINE see: QI8750000
TETRAVOS see: TC0350000
TETRA-WEDEL see: QI9100000
7,8,9,10-TETRAZABICYCLO(5.3.0)-8,10-DECADIENE see: XF8225000
1,2,3,3a-TETRAZACYCLOHEPTA-8a,2-CYCLOPENTADIENE see: XF8225000

XF6828500 TETRAZANE
UPDT:8401 CAS: 6054-69-9 MW: 62.10 MOLFM: H6-N4
SYN: BISDIAMINE * BUZANE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T47 orl-rat TDLo:750 mg/kg (10D preg) TJADAB 24(1),11A,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TETRAZENE see: XF6900000
1-TETRAZENE, 4-AMIDINO-1-(NITRSOAMINOAMIDINO)- (8CI) see: XF6900000

XF6860000 TETRAZENE (DOT)
UPDT:8308 CAS: 27120-23-6 MW: 60.08 MOLFM: H4-N4
STANDARDS & REGULATIONS: ARD
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82

XF6863000 1,2,4,5-TETRAZINE, 1,4-DIHYDRO-3,6-DIPHENYL-
UPDT:8402 CAS: 14478-73-0 MW: 236.30 MOLFM: C14-H12-N4
SYN: BENZAMIDRAZONE HYDROCHLORIDE * 1,4-DIHYDRO-3,6-DIPHENYL-1,2,4,5-TETRAZINE * s-TETRAZINE, 1,4-DIHYDRO-3,6-DIPHENYL-
TOXICITY DATA AND REFERENCES:
2A11F07 ipr-mus LD50:840 mg/kg RPTOAN 43,213,80

XF6863100 1,2,4,5-TETRAZINE, 1,4-DIHYDRO-1-METHYL-3,6-DIPHENYL-
UPDT:8402 CAS: 35401-80-0 MW: 250.33 MOLFM: C15-H14-N4
SYN: 1,4-DIHYDRO-1-METHYL-3,6-DIPHENYL-1,2,4,5-TETRAZINE
TOXICITY DATA AND REFERENCES:
2A11F07 ipr-mus LD50:805 mg/kg RPTOAN 43,213,80

XF6863300 1,2,4,5-TETRAZINE, 3,6-DIPHENYL-
UPDT:8402 CAS: 6830-78-0 MW: 234.28 MOLFM: C14-H10-N4
SYN: DIPHENYL-s-TETRAZINE * 3,6-DIPHENYLTETRAZINE * 3,6-DIPHENYL-1,2,4,5-TETRAZINE * s-TETRAZINE, 2,6-DIPHENYL-
TOXICITY DATA AND REFERENCES:
2A11F07 ipr-mus LDLo:1000 mg/kg RPTOAN 43,213,80

XF6864000 TETRAZINE, dry (DOT)
UPDT:8308 CAS: 70816-59-0 MW: 82.08 MOLFM: C2-H2-N4
STANDARDS & REGULATIONS: ARD
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

XF6900000 1-TETRAZENE, 1-GUANYL-4-NITROSAMINOGUANYL-
UPDT:8312 CAS: 109-27-3 MW: 188.20 MOLFM: C2-H8-N10-O
SYN: 4-AMIDINO-1-(NITROSAMINOAMIDINO)-1-TETRAZENE * GUANYL NITROSAMINO GUANYL TETRAZENE * 1-GUANYL-4-NITROSAMINOGUANYLTETRAZENE * GUANYL NITROSAMINO GUANYL TETRAZENE (DOT) * GUANYL NITROSAMINO GUANYL TETRAZENE, containing, by weight, at least 30% water (DOT) * INITIATING EXPLOSIVE-GUANYL NITROSAMINE GUANYL TETRAZENE (DOT) * INITIATING EXPLOSIVE-TETRAZENE (DOT) * TETRACENE EXPLOSIVE * TETRACENE * TETRAZENE * 1-TETRAZENE, 4-AMIDINO-1-(NITRSOAMINOAMIDINO)- (8CI) * UN 0114 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TETRAZEPAM see: DF0525000
s-TETRAZINE, 1,4-DIHYDRO-3,6-DIPHENYL- see: XF6863000
s-TETRAZINE, 2,6-DIPHENYL- see: XF6863300
TETRAZOBENZENE-beta-NAPHTHOL see: QK4250000

XF7450000 1,3,5,7-TETRAZOCINE, OCTAHYDRO-1,3,5,7-TETRANITRO-
UPDT:8312 CAS: 2691-41-0 MW: 296.20 MOLFM: C4-H8-N8-O8
SYN: CYCLOTETRAMETHYLENETETRANITRAMINE * CYCLOTETRAMETHYLENETETRANITRAMINE, containing, by weight, at least 15% water (DOT) * CYCLOTETRAMETHYLENE TETRANITRAMINE (DRY) (DOT) * HMX * HMX (DOT) * beta HMY * HW 4 * LX 14-0 * OCTOGEN * OKTOGEN * TETRAMETHYLENETETRANITRAMINE * UN 0226 (DOT)
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1500 mg/kg GISAAA 40(11),17,75
ivn-dog LDLo:40 mg/kg EATR** EB-TR-73040
orl-gpg LD50:300 mg/kg GISAAA 40(11),17,75
ivn-gpg LD50:28 mg/kg EATR** EB-TR-73040
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TETRAZO DEEP BLACK G see: QJ6160000
TETRAZOL see: XF8225000
TETRAZOL-1-ACETIC ACID (DOT) see: XF7463000
1-TETRAZOLEACETIC ACID see: XF7463000

XF7463000 1H-TETRAZOLE-1-ACETIC ACID
UPDT:8312 CAS: 21732-17-2 MW: 128.11 MOLFM: C3-H4-N4-O2
SYN: TETRAZOL-1-ACETIC ACID (DOT) * 1-TETRAZOLEACETIC ACID * 1-TETRAZOLYLACETIC ACID * UN 0407 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS C EXPLOSIVE; LABEL:EXPLOSIVE C CFRGBR 49,172.102,83

XF7470200 TETRAZOLE, AZIDO-
UPDT:8308 MW: 111.09 MOLFM: C-H-N7
SYN: TETRAZOLYL AZIDE, dry (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

XF7470300 2H-TETRAZOLE, 5-(p-(3-BENZYL-3-METHYL-1-TRIAZENO)PHENYL)-
UPDT:8403 MW: 293.37 MOLFM: C15-H15-N7
SYN: 5-(p-(3-BENZYL-3-METHYL-1-TRIAZENO)PHENYL)-2H-TETRAZOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:242 mg/kg JPMSAE 66,1416,77

XF7470500 1H-TETRAZOLE, 5-(2-(2-CHLOROPHENOXY)ETHYL)-
UPDT:8311 CAS: 76167-88-9 MW: 224.67 MOLFM: C9-H9-Cl-N4-O
SYN: 5-(2-(2-CHLOROPHENOXY)ETHYL)-1H-TETRAZOLE
TOXICITY DATA AND REFERENCES:
2F07J25 ipr-mus LD50:1000 mg/kg INDRBA 18,15,80

XF7470600 1H-TETRAZOLE, 5-(2-(4-CHLOROPHENOXY)ETHYL)-
UPDT:8311 CAS: 76167-89-0 MW: 224.67 MOLFM: C9-H9-Cl-N4-O
SYN: 5-(2-(4-CHLOROPHENOXY)ETHYL)-1H-TETRAZOLE
TOXICITY DATA AND REFERENCES:
2F07J25 ipr-mus LD50:800 mg/kg INDRBA 18,15,80

XF7471200 TETRAZOLE, 5,5'-DITHIOBIS(ETHYLENEIMINO)BIS(1-PHENYL-
UPDT:8312 MW: 440.60 MOLFM: C18-H20-N10-S2
SYN: DISULFIDE, BIS(2-(1-PHENYLTETRAZOL-5-YLAMINO)ETHYL)- * 5,5'-DITHIOBIS(ETHYLENEIMINO)BIS(1-PHENYLTETRAZOLE) * 2-(5-(1-PHENYL-1H-TETRAZOLYL)AMINO)ETHYL DISULFIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg JPMSAE 65,1247,76

XF7471500 1H-TETRAZOLE, 5-(1-(2-FLUORO-4-BIPHENYLYL)ETHYL)-
UPDT:8405 MW: 268.32 MOLFM: C15-H13-F-N4
SYN: 5-(1-(2-FLUORO-4-BIPHENYLYL)ETHYL)-1H-TETRAZOLE * alpha-(1H-TETRAZOL-5-YL)-3-FLUORO-4-PHENYLETHYLBENZENE
TOXICITY DATA AND REFERENCES:
3F07F25K06 orl-mus LD50:350 mg/kg ARPMAS 316,752,83

XF7472200 1H-TETRAZOLE, 5-(1H-IMIDAZOL-2-YLMETHYL)-
UPDT:8311 CAS: 63927-84-4 MW: 150.17 MOLFM: C5-H6-N6
SYN: 5-(1H-IMIDAZOL-2-YLMETHYL)-1H-TETRAZOLE
TOXICITY DATA AND REFERENCES:
2F07J25 ipr-mus LD50:850 mg/kg INDRBA 18,15,80

XF7472300 1H-TETRAZOLE, 5-(p-ISOBUTYL-alpha-METHYLBENZYL)-
UPDT:8405 MW: 230.35 MOLFM: C13-H18-N4
SYN: 5-(p-ISOBUTYL-alpha-METHYLBENZYL)-1H-TETRAZOLE * alpha-(1H-TETRAZOL-5-YL)-4-(2-METHYLPROPYL)ETHYLBENZENE
TOXICITY DATA AND REFERENCES:
3F07F25K06 orl-mus LD50:400 mg/kg ARPMAS 316,752,83

XF7472400 1H-TETRAZOLE, 5-(2-(2-METHOXYPHENOXY)ETHYL)-
UPDT:8311 CAS: 70786-39-9 MW: 220.26 MOLFM: C10-H12-N4-O2
SYN: 5-(2-(2-METHOXYPHENOXY)ETHYL)-1H-TETRAZOLE
TOXICITY DATA AND REFERENCES:
3F02F07J25 ipr-mus LD50:950 mg/kg INDRBA 18,15,80

XF7472450 1H-TETRAZOLE, 5-(2-(4-METHOXYPHENOXY)ETHYL)-
UPDT:8311 CAS: 70786-36-6 MW: 220.26 MOLFM: C10-H12-N4-O2
SYN: 5-(2-(4-METHOXYPHENOXY)ETHYL)-1H-TETRAZOLE
TOXICITY DATA AND REFERENCES:
3F02F07J25 ipr-mus LD50:1000 mg/kg INDRBA 18,15,80

XF7472600 1H-TETRAZOLE, 5-(2-(2-METHYLPHENOXY)ETHYL)-
UPDT:8311 CAS: 76167-87-8 MW: 204.26 MOLFM: C10-H12-N4-O
SYN: 5-(2-(2-METHYLPHENOXY)ETHYL)-1H-TETRAZOLE
TOXICITY DATA AND REFERENCES:
2F07J25 ipr-mus LD50:1000 mg/kg INDRBA 18,15,80

XF7472650 1H-TETRAZOLE, 5-(2-(4-METHYLPHENOXY)ETHYL)-
UPDT:8311 CAS: 70786-37-7 MW: 204.26 MOLFM: C10-H12-N4-O
SYN: 5-(2-(4-METHYLPHENOXY)ETHYL)-1H-TETRAZOLE
TOXICITY DATA AND REFERENCES:
3F02J07J25 ipr-mus LD50:1000 mg/kg INDRBA 18,15,80

XF7472800 1H-TETRAZOLE, 5-(2-(1-NAPHTHALENYLOXY)ETHYL)-
UPDT:8311 CAS: 70786-40-2 MW: 240.29 MOLFM: C13-H12-N4-O
SYN: 5-(2-(1-NAPHTHALENYLOXY)ETHYL)-1H-TETRAZOLE
TOXICITY DATA AND REFERENCES:
2F07J25 ipr-mus LD50:900 mg/kg INDRBA 18,15,80

XF7480200 1H-TETRAZOLE, 5-(2-(2-NITROPHENOXY)ETHYL)-
UPDT:8311 CAS: 76167-90-3 MW: 235.23 MOLFM: C9-H9-N5-O3
SYN: 5-(2-(2-NITROPHENOXY)ETHYL)-1H-TETRAZOLE
TOXICITY DATA AND REFERENCES:
2F07J25 ipr-mus LD50:1000 mg/kg INDRBA 18,15,80

XF7480400 1H-TETRAZOLE, 5-(2-(4-NITROPHENOXY)EThYL)-
UPDT:8311 CAS: 70786-38-8 MW: 235.23 MOLFM: C9-H9-N5-O3
SYN: 5-(2-(4-NITROPHENOXY)ETHYL)-1H-TETRAZOLE
TOXICITY DATA AND REFERENCES:
2F07J25 ipr-mus LD50:900 mg/kg INDRBA 18,15,80

TETRAZOLE, PENTAMETHYLENE- see: XF8225000

XF7530000 1H-TETRAZOLE, 5-(2-PHENOXYETHYL)-
UPDT:8311 CAS: 70786-35-5 MW: 190.23 MOLFM: C9-H10-N4-O
SYN: 5-(2-(PHENOXYETHYL)-1H-TETRAZOLE
TOXICITY DATA AND REFERENCES:
2F07J25 ipr-mus LD50:1000 mg/kg INDRBA 18,15,80

XF7740000 TETRAZOLE, TRIAZENYLENEBIS-
UPDT:8308 MW: 181.16 MOLFM: C2-H3-N11
SYN: DIAZOAMINOTETRAZOLE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

XF7850000 2-TETRAZOLINE-5-THIONE, 1-(HYDROXYMETHYL)-4-PHENYL-
UPDT:8303 CAS: 32550-63-3 MW: 208.26 MOLFM: C8-H8-N4-O-S
SYN: 1-(HYDROXYMETHYL)-4-PHENYL-2-TETRAZOLINE-5-THIONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:400 mg/kg PCJOAU 5,473,71

XF8225000 5H-TETRAZOLOAZEPINE, 6,7,8,9-TETRAHYDRO-
UPDT:8408 CAS: 54-95-5 MW: 138.20 MOLFM: C6-H10-N4
SYN: ANGIAZOL * ANGIOTON * ANGIOTONIN * CARDIAZOL * CARDIAZOLE * CARDIFORTAN * CARDIOL * CARDIOTONICUM * CARDOSAL * CARDOSAN * CENALENE-M * CENAZOL * CENTRAZOLE * CEREBRO-NICIN * CORANORMAL * CORANORMOL * CORASOL * CORATOLINE * CORAZOL * CORAZOLE * CORAZOLE (ANALEPTIC) * CORISAN * CORSEDROL * CORTIS * CORVASOL * CORVIS * CORYVET * alpha,beta-CYCLOPENTAMETHYLENETETRAZOLE * DEAMOCARD * DELZOL-W * DIOVASCOLE * DEUMACARD * GEWAZOL * KARDIAZOL * KORAZOL * KORAZOLE * LEPAZOL * LEPTAZOL * LEPTAZOLE * METRAZOL * METRAZOLE * NAURANZOL * NAURAZOL * NEDCARDOL * NEOCARDOL * NEURAZOL * NOVO CORA-VINCO * OPTICOR * PEMETESAN * PENETRASOL * PENETRATSOL * PENETIAZOL * PENTACARD * PENTACOR * PENTAMETHAZOL * PENTAMETHAZOLUM * PENTAMETHYLENETETRAZAL * PENTAMETHYLENETETRAZOL * PENTAMETHYLENETETRAZOLE * PENTAMETHYLENE-1,5-TETRAZOLE * 1,5-PENTAMETHYLENETETRAZOLE * PENTAMETILENTETRAZOLO (Italian) * PENTAZOL * PENTAZOLUM * PENTEMESAN * PENTETRAZOL * PENTETRAZOLE * PENTRAZOL * PENTROLONE * PENTROZOL * PENTYLENETETRAZOL * PENTYLENETETRAZOLE * PETAZOL * PETEZOL * PETRAZOLE * PHRENAZOL * PHRENAZONE * PMT * PTZ * STELLACARDIOL * STILLCARDIOL * TETRACOR * 6,7,8,9-TETRAHYDRO-5-AZEPOTETRAZOLE * 6,7,8,9-TETRAHYDRO-5H-TETRAZOLOAZEPINE * 7,8,9,10-TETRAZABICYCLO(5.3.0)-8,10-DECADIENE * 1,2,3,3a-TETRAZACYCLOHEPTA-8a,2-CYCLOPENTADIENE * TETRASOL * TETRAZOL * TETRAZOLE, PENTAMETHYLENE- * 5H-TETRAZOLO(1,5-a)AZEPINE, 6,7,8,9-TETRAHYDRO- (8CI,9CI) * TT87 * VASAZOL * VASOREX * VENTRAZOL * YETRAZOL
TOXICITY DATA AND REFERENCES:
orl-man LDLo:147 mg/kg 85DCAI 2,73,70
ivn-man LDLo:29 mg/kg 85DCAI 2,73,70
orl-rat LD50:140 mg/kg JPPMAB 13,244,61
ipr-rat LD50:62 mg/kg TXAPA9 18,185,71
scu-rat LD50:85 mg/kg TXAPA9 18,185,71
ivn-rat LD50:45 mg/kg AIPTAK 135,9,62
2F12F13 rec-rat LD50:8 mg/kg AACRAT 46,395,67
orl-mus LD50:88 mg/kg JPETAB 128,176,60
2F12J30 ipr-mus LD50:55 mg/kg AIPTAK 123,419,60
* scu-mus LD50:70 mg/kg BCFAAI 111,293,72
* ivn-mus LD50:31400 ug/kg AIPTAK 103,146,55
par-mus LD50:72 mg/kg ARZNAD 6,583,56
ivn-dog LDLo:40 mg/kg 27ZIAQ -,184,73
3A11F12F23 ivn-cat LDLo:40 mg/kg IJEBA6 19,1077,81
ivn-rbt LD50:69 mg/kg AIPTAK 135,9,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

5H-TETRAZOLO(1,5-a)AZEPINE, 6,7,8,9-TETRAHYDRO- (8CI,9CI) see: XF8225000

XF8236000 1H-TETRAZOL-1-OL, 5-AZIDO-
UPDT:8308 MW: 127.09 MOLFM: C-H-N7-O
SYN: 5-AZIDO-1-HYDROXYTETRAZOLE (DOT) * 5-AZIDO-1H-TETRAZOL-1-OL
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

XF8236100 1H-TETRAZOL-1-OL, 5-AZIDO-, MERCURY SALT
UPDT:8310 MW: 327.68 MOLFM: C-H-N7-O .Hg
SYN: AZIDOHYDROXYTETRAZOLE MERCURY SALT (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

XF8236200 1H-TETRAZOL-1-OL, 5-AZIDO-, SILVER SALT
UPDT:8308 MW: 234.96 MOLFM: C-H-N7-O .Ag
SYN: AZIDOHYDROXYTETRAZOLE SILVER SALT (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

XF8241000 TETRAZOLO(1,5-b)-as-TRIAZINE-6-CARBOXAMIDE, N-METHYL-5-(METHYLAMINO)-
UPDT:8303 MW: 208.22 MOLFM: C6-H8-N8-O
SYN: METHYLAMIDE of 5-METHYLAMINOTETRAZOLO(2,3-e)(1,2,4)TRIAZINE-6-CARBOXYLIC ACID * N-METHYL-5-(METHYLAMINO)-TETRAZOLO(1,5-b)-as-TRIAZINE-6-CARBOXAMIDE
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:200 mg/kg PCJOAU 15,789,81

1-TETRAZOLYLACETIC ACID see: XF7463000
TETRAZOLYL AZIDE, dry (DOT) see: XF7470200
1-(2-(1H-TETRAZOL-5-YL)ETHYL)-2-NAPHTHALENOL see: QK4253000
alpha-(1H-TETRAZOL-5-YL)-3-FLUORO-4-PHENYLETHYLBENZENE see: XF7471500
alpha-(1H-TETRAZOL-5-YL)-4-(2-METHYLPROPYL)ETHYLBENZENE see: XF7472300
TETRENOLIN see: LU4700000
TETREX PMT see: QI9175000
TETRIL see: BY6300000
TETRIM see: QI9175000
TETRINE see: AH5075000
TETRINE ACID see: AH4025000
TETRIV see: QI9175000

XF8600000 TETROCARCIN A
UPDT:8302 CAS: 73666-84-9 MW: 1313.65 MOLFM: C67-H96-N2-O24
SYN: DC-11
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:54200 ug/kg JANTAJ 35,1033,82
* ivn-mus LD50:64 mg/kg JANTAJ 35,1033,82

TETRODAMINOTOXIN see: XF8881000 TETRODOTOXIN, 4-AMINO-4-DEOXY-, (4-alpha)-
TETRODIRECT BLACK EFD see: QJ6160000
TETRODIRECT YELLOW A see: GD0197800

XF8780000 TETRODONIC ACID
UPDT:8408 CAS: 3270-35-7 MOLFM: C11-H17-N3-O8
TOXICITY DATA AND REFERENCES:
3F12J22J25 ivn-mus LD50:68700 ug/kg JJPAAZ 17,267,67

TETRODONTOXIN see: IO1450000
TETRODOTOXIN see: IO1450000

XF8881000 TETRODOTOXIN, 4-AMINO-4-DEOXY-, (4-alpha)-
UPDT:8408 CAS: 7724-38-1 MW: 318.33 MOLFM: C11-H18-N4-O7
SYN: TETRODAMINOTOXIN
TOXICITY DATA AND REFERENCES:
3F11F17J25 orl-mus LD50:26100 ug/kg JJPAAZ 17,267,67
3F12F17J22 ivn-mus LD50:528 ug/kg JJPAAZ 17,267,67

XF8882000 TETRODOTOXIN, 4,9-ANHYDRO-
UPDT:8409 CAS: 13072-89-4 MW: 301.29 MOLFM: C11-H15-N3-O7
SYN: ANHYDROEPITETRODOTOXIN * ANHYDROTETRODOTOXIN * 4,9-ANHYDROTETRODOTOXIN * TETRODOTOXIN, 4,9-DIDEOXY-4,9-EPOXY-, (4-beta,9-beta)- (9CI)
TOXICITY DATA AND REFERENCES:
3F11F17J25 orl-mus LD50:16900 ug/kg JJPAAZ 17,267,67
3F12F17J22 ivn-mus LD50:1250 ug/kg JJPAAZ 17,267,67

XF8883000 TETRODOTOXIN, 4,9-ANHYDRO-, 6,11-DIACETATE (ester)
UPDT:8408 CAS: 17032-59-6 MW: 385.37 MOLFM: C15-H19-N3-O9
SYN: 6,11-DIACETYLANHYDROTETRODOTOXIN
TOXICITY DATA AND REFERENCES:
3F12F17J22 ivn-mus LD50:96700 ug/kg JJPAAZ 17,267,67

XF8884000 TETRODOTOXIN, 4,9-ANHYDRO-, 11-FORMATE (ester)
UPDT:8408 MW: 329.30 MOLFM: C12-H15-N3-O8
SYN: 11-MONOFORMYLANHYDROTETRODOTOXIN
TOXICITY DATA AND REFERENCES:
3F07F11F17 orl-mus LD50:13600 ug/kg JJPAAZ 17,267,67
3F12J22J25 ivn-mus LD50:1380 ug/kg JJPAAZ 17,267,67

XF8885000 TETRODOTOXIN, 4-DEOXY-
UPDT:8412 CAS: 7724-41-6 MW: 303.31 MOLFM: C11-H17-N3-O7
SYN: DEOXYTETRODOTOXIN * DESOXYTETRODOTOXIN
TOXICITY DATA AND REFERENCES:
3F12J22J25 orl-mus LD50:2700 ug/kg JJPAAZ 17,267,67
3F12F17J22 ivn-mus LD50:41700 ng/kg JJPAAZ 17,267,67

TETRODOTOXIN, 4,9-DIDEOXY-4,9-EPOXY-, (4-beta,9-beta)- (9CI) see: XF8882000 TETRODOTOXIN,4,9-ANHYDRO-

XF8886000 TETRODOTOXIN, O(sup 5)-ETHYL-
UPDT:8408 CAS: 7724-40-5 MW: 347.37 MOLFM: C13-H21-N3-O8
SYN: ETHOXYTETRODOTOXIN * 4-ETHOXYTETRODOTOXIN
TOXICITY DATA AND REFERENCES:
3F12J22J25 orl-mus LD50:25700 ug/kg JJPAAZ 17,267,67
3F12F17J22 ivn-mus LD50:692 ug/kg JJPAAZ 17,267,67

XF8887000 TETRODOTOXIN, O(sup 4)-METHYL-
UPDT:8408 CAS: 7724-39-2 MW: 333.34 MOLFM: C12-H19-N3-O8
SYN: METHOXYTETRODOTOXIN * 4-METHOXYTETRODOTOXIN
TOXICITY DATA AND REFERENCES:
3F12J22J25 orl-mus LD50:12700 ug/kg JJPAAZ 17,267,67
3F12F17J22 ivn-mus LD50:341 ug/kg JJPAAZ 17,267,67

TETRODOXIN see: IO1450000
TETROFAN see: CU3350000
TETROGUER see: KX3850000
TETROLE see: LT8524000
TETRON see: UX6825000
TETRON-.30 see: UX6825000
TETROPHAN see: CU3350000
TETROPHINE see: CU3350000
TETROPIL see: KX3850000
TETROSIN OE see: DV5775000
TETROSOL see: QI9100000
TERTROSULPHUR PBR see: SL2800000

XF9845000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-7-OXO-6- ((PHENYLACETYL)AMINO)- (2S-(2-alpha,5-alpha,6-beta))-, compd. with N-(PHENYLMETHYL) BENZENEETHANAMINE (1:1)
UPDT:8311 CAS: 751-84-8 MW: 545.75 MOLFM: C16-H18-N2-O4-S .C15-H17-N
SYN: BENAPEN * BENETACIL * BENETHAMINE PENICILLIN * BENETHAMINE PENICILLIN G * BENETOLIN * BETAPEN
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:122 mg/kg ANTCAO 5,152,55
1F12 ivn-mus LD50:170 mg/kg ANTCAO 5,152,55
* ivn-rbt LD50:55 mg/kg ANTCAO 5,152,55

XF9900000 1,3,5,7-TETROXOCANE, 2,4,6,8-TETRAMETHYL-
UPDT:8312 CAS: 108-62-3 MW: 176.24 MOLFM: C8-H16-O4
SYN: ACETALDEHYDE, TETRAMER * ANTIMILACE * ARIOTOX * CEKUMETA * CORRY'S SLUG DEATH * HALIZAN * META * METACETALDEHYDE * METALDEHYDE * METALDEHYDE (DOT) * METALDEIDE (Italian) * METASON * NAMEKIL * SLUG-TOX * UN 1332 (DOT)
MUTATION DATA AND REFERENCES:
mmo-smc 5 ppm RSTUDV 6,161,76
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T23T75T76 orl-rat TDLo:61 gm/kg (MGN) TXCYAC 4,97,75
1T13 orl-rat TDLo:61 gm/kg (MGN) TXCYAC 4,97,75
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:43 mg/kg 32ZWAA 8,158,74
orl-rat LD50:630 mg/kg PCOC** -,701,66
orl-dog LD50:600 mg/kg GUCHAZ 6,331,73
unk-mam LD50:600 mg/kg 30ZDA9 -,111,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: VETRAX 93,420,73
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.102,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TETRYL see: BY6300000
2,4,6-TETRYL see: BY6300000
TETRYLAMMONIUM BROMIDE see: BS5950000
TETRYL (DOT) see: BY6300000
TETRYL FORMATE see: LQ8650000
TETURAM see: JO1225000
TETURAMIN see: JO1225000

XG0582000 TEUCRIUM QUADRIFARIUM Buch.-Ham., extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 11,43,73)
UPDT:8302
SYN: GHANIA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

TEURA EXTRACT (Indian) see: BN8650000
TEVCOCIN see: AB6825000
TEVCODYNE see: UQ8225000
TEVCOSIN see: AB6825000
TEXACO LEAD APPRECIATOR see: AF7400000
TEXACORT LOTION 25 see: GM8925000
TEXAN RED TONER D see: DB5500000
TEXAPON EXTRACT N25 see: WB7350000
TEXAPON EXTRACT N40 see: WB7350000
TEXAPON K12 see: WT1050000
TEXAPON K-1296 see: WT1050000
TEXAPON T-35 see: WT1000000
TEXAPON T-42 see: WT1000000
TEXAPON TH see: WT1000000
TEXAPON V HC see: WT1050000
TEXAPON ZHC see: WT1050000
TEXCRYL see: AT4680000
TEXMETEN see: TU3830500 PREGNA-1,4-DIENE-3,20-DIONE, 6,9-DIFLUORO-11-HYDROXY-16-METHYL-21-((1-OXOPENTYL)OXY)-, (6-alpha,11-beta,16-alpha)-
TEXOFOR B 9 see: MD0875000
TEXTILE see: VZ4800000
TEXTILE RED WD-263 see: QJ1897000
TEXTILON (OBS.) see: YX3962400
TEXTILOTOXIN see: YX3962400
TEX-WET 1001 see: WN0525000
TF see: KJ3975000
TF-114 see: XJ7010500
TF 1169 see: UA3000000
T-2636 F see: OD2300000
TFAE see: KM9280000
TFE see: KM5250000
TFEE see: KO0705000
TFF see: RP5880000
T. FLAVOVIRIDIS VENOM see: YX4460000
T-FLUORIDE see: WB0350000
TFM see: GP3550000
TFN see: GP3550000
TFX see: XP3356720
TG see: UP0740000
TG-427 see: UQ6475000
TGA 2 see: AS9450000
TGD 5161 see: WL6475000
beta-TGDR see: UP0750000
beta-TGDR see: UP0175000
T-GELB BZW. GRUN 1 see: LK8750000
TGM 3 see: OZ4100000
TGM 3PC see: OZ4100000
TGM 3S see: OZ4100000
TGdR see: UP0750000
TH/100 see: XH5600000
TH-152 see: DO2275000
Th 162 see: AU7404930
1064 TH see: QD9800000
TH 1314 see: NS0350000
1314 TH see: NS0350000
1321 TH see: NS0650000
1391 TH see: DB1295000
TH 1391 see: DB1295000
TH-1395 see: DB1290000
2180 TH see: AG9625000
TH 2602 see: SN6950000
TH 346-1 see: AI7875000
TH 367-1 see: DU8335000
4114 TH see: ET6750000
TH-427-1 see: TE8750000
TH 6040 see: YS6200000
THA see: AR9532200
Th 1165a see: DO1500000
THACAPZOL see: NI8615000
THADOUNEA EXTRACT (Indian) see: UO3640000
THALAMONAL see: DE2100000
THALIBLASTINE see: HQ1775000
THALICARPIN see: HQ1775000
THALICARPINE see: HQ1775000
(+)-THALICARPINE see: HQ1775000
THALICTRINE CHLORIDE see: CE0970000

XG2004200 THALICTRUM CHULTRATUM Wall, root extract
DEF:Indian plant belonging to the family RANUNCULACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

XG2004250 THALICTRUM FOLIOLOSUM DC., extract
DEF:Indian plant belonging to the family RANUNCULACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg IJEBA6 18,594,80

XG2004300 THALICTRUM FOLIOLOSUM DC. Bl., root extract
DEF:Indian plant belonging to the family RANUNCULACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

XG2004400 THALICTRUM PEDUNCULATUM Edgew., extract
DEF:Indian plant belonging to the family RANUNCULACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

THALIDASAN, 6,6',7,7',12-PENTAMETHOXY-2,2'-DIMETHYL- (9CI) see: XG2005000
THALIDASIN see: XG2005000

XG2005000 THALIDASINE
UPDT:8411 CAS: 16623-56-6 MW: 652.85 MOLFM: C39-H44-N2-O7
SYN: O-METHYLTHALFETIDINE * THALIDASAN, 6,6',7,7',12-PENTAMETHOXY-2,2'-DIMETHYL- (9CI) * THALIDASIN * THALIDAZINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:520 mg/kg CTYAD8 11,217,80
1V30 ivn-mus LD50:120 mg/kg YHTPAD 15(7),46,80

THALIDAZINE see: XG2005000
THALIDOMIDE see: TI4375000
(-)-THALIDOMIDE see: TI4925050
(+)-THALIDOMIDE see: TI4925000
R-(+)-THALIDOMIDE see: TI4925000
S-(-)-THALIDOMIDE see: TI4925050
THALIN see: TI4375000
THALINETTE see: TI4375000

XG2975000 THALLIC OXIDE
UPDT:8406 CAS: 1314-32-5 MW: 456.74 MOLFM: O3-Tl2
SYN: DITHALLIUM TRIOXIDE * RCRA WASTE NUMBER P113 * THALLIUM OXIDE (8CI,9CI) * THALLIUM(111) OXIDE * THALLIUM(3+) OXIDE * THALLIUM PEROXIDE * THALLIUM SESQUIOXIDE
TOXICITY DATA AND REFERENCES:
2U01R21 orl-rat LD50:22 mg/kg AIHAAP 21,399,60
* ipr-rat LDLo:80 mg/kg AIHAAP 21,399,60
* orl-dog LDLo:34 mg/kg AIHAAP 21,399,60
* orl-rbt LDLo:34 mg/kg AIHAAP 21,399,60
* ipr-rbt LDLo:67 mg/kg AIHAAP 21,399,60
* ivn-rbt LDLo:44 mg/kg AIHAAP 21,399,60
* orl-gpg LDLo:6 mg/kg AIHAAP 21,399,60
* ipr-gpg LDLo:34 mg/kg AIHAAP 21,399,60
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XG3425000 THALLIUM
UPDT:8407 CAS: 7440-28-0 MW: 204.37 MOLFM: Tl
SYN: RAMOR
TOXICITY DATA AND REFERENCES:
3C18D24R21 orl-man TDLo:5714 ug/kg ATXKA8 19,65,61
unk-man LDLo:4412 ug/kg 85DCAI 2,73,70
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug/m3 DTLVS* 4,396,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Tl)/m3 (SCP-U) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S306
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0345
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

THALLIUM ACETATE see: AJ5425000
THALLIUM(I) ACETATE see: AJ5425000
THALLIUM(1+) ACETATE see: AJ5425000

XG3850000 THALLIUM BROMIDE
UPDT:8408 CAS: 7789-40-4 MW: 284.28 MOLFM: Br-Tl
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:35 mg/kg 85GMAT -,110,82
scu-mus LDLo:29 mg/kg TPKVAL 2,94,61
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Tl)/m3 DTLVS* 4,396,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Tl)/m3 (SCP-U) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XG4000000 THALLIUM(I) CARBONATE (2:1)
UPDT:8406 CAS: 6533-73-9 MW: 468.75 MOLFM: C-O3 .2Tl
SYN: CARBONIC ACID, DITHALLIUM(1+) SALT * DITHALLIUM CARBONATE * RCRA WASTE NUMB U215 * THALLOUS CARBONATE * THIOCHROMAN-4-ONE, OXIME
MUTATION DATA AND REFERENCES:
dnd-rat:emb 1 umol/L MUREAV 124,163,83
cyt-rat-orl 100 ng/kg GTPZAB 24(4),54,80
dlt-rat-orl 5 ng/kg MUREAV 124,163,83
dnd-mus:emb 10 umol/L MUREAV 124,163,83
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:23 mg/kg HYSAAV 29,26,64
3D07F07K12 skn-rat LD50:117 mg/kg GTPZAB 24(4),54,80
scu-rat LDLo:18 mg/kg TPKVAL 2,94,61
orl-mus LD50:21 mg/kg HYSAAV 29,26,64
scu-mus LD50:27 mg/kg TPKVAL 2,94,61
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Tl)/m3 DTLVS* 4,396,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Tl)/m3 (skin) (SCP-U) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

THALLIUM CHLORATE (DOT) see: FO0600000
THALLIUM CHLORIDE see: XG4200000

XG4200000 THALLIUM(I) CHLORIDE
UPDT:8406 CAS: 7791-12-0 MW: 239.82 MOLFM: Cl-Tl
SYN: RCRA WASTE NUMBER U216 * THALLIUM CHLORIDE * THALLIUM(1+) CHLORIDE * THALLIUM MONOCHLORIDE * THALLOUS CHLORIDE
MUTATION DATA AND REFERENCES:
otr-ham:emb 100 umol/L CNREA8 39,193,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:30 mg/kg (6-15D preg) TJADAB 24(2),46A,81
TOXICITY DATA AND REFERENCES:
orl-mus LD50:24 mg/kg HYSAAV 29,26,64
ipr-mus LD50:24 mg/kg COREAF 256,1043,63
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Tl)/m3 DTLVS* 4,396,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Tl)/m3 (skin) (SCP-U) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

THALLIUM(1+) CHLORIDE see: XG4200000
THALLIUM DIMETHYL ETHOXIDE see: XG4600000

XG4600000 THALLIUM, DIMETHYLETHOXY-
UPDT:8106 CAS: 50375-48-9 MW: 279.52 MOLFM: C4-H11-O-Tl

SYN: DIMETHYLTHALLIUM ETHOXIDE * THALLIUM DIMETHYL ETHOXIDE * THALLIUM, ETHOXYDIMETHYL- (9CI)
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:210 mg/m3/10M NDRC** NDCrc-132,Sept,42
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Tl)/m3 DTLVS* 4,396,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Tl)/m3 (SCP-U) FEREAC 39,23540,74

THALLIUM, ETHOXYDIMETHYL- (9CI) see: XG4600000
THALLIUM(I) FLUOBORATE see: ED3150000
THALLIUM FLUORIDE (8CI,9CI) see: XG4900000

XG4900000 THALLIUM(I) FLUORIDE
UPDT:8105 CAS: 7789-27-7 MW: 223.37 MOLFM: F-Tl
SYN: THALLIUM FLUORIDE (8CI,9CI) * THALLIUM MONOFLUORIDE * THALLOUS FLUORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:50 mg/kg NCNSA6 5,28,53
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Tl)/m3 DTLVS* 4,396,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Tl)/m3 (skin) (SCP-U) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

THALLIUM (I) FLUOROACATATE see: AH9275000
THALLIUM(I) FLUOSILICATE see: VV8750000

XG5425000 THALLIUM IODIDE
UPDT:8408 CAS: 7790-30-9 MW: 331.27 MOLFM: I-Tl
SYN: THALLIUM(I) IODIDE * THALLIUM(1+) IODIDE * THALLIUM MONOIODIDE * THALLOUS IODIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:55 mg/kg 85GMAT -,111,82
scu-mus LDLo:28 mg/kg TPKVAL 2,94,61
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Tl)/m3 DTLVS* 4,396,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Tl)/m3 (SCP-U) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

THALLIUM(I) IODIDE see: XG5425000
THALLIUM(1+) IODIDE see: XG5425000
THALLIUM MALONATE see: OO1770000
THALLIUM MONOACETATE see: AJ5425000
THALLIUM MONOCHLORIDE see: XG4200000
THALLIUM MONOFLUORIDE see: XG4900000
THALLIUM MONOIODIDE see: XG5425000
THALLIUM MONONITRATE see: XG5950000
THALLIUM MONOSELENIDE see: XG6300000
THALLIUM NITRATE see: XG5950000

XG5950000 THALLIUM(I) NITRATE (1:1)
UPDT:8406 CAS: 10102-45-1 MW: 266.38 MOLFM: N-O3 .Tl
SYN: NITRIC ACID, THALLIUM(1+) SALT * RCRA WASTE NUMBER U217 * THALLIUM MONONITRATE * THALLIUM NITRATE * THALLIUM NITRATE (DOT) * THALLOUS NITRATE * UN 2727 (DOT)
MUTATION DATA AND REFERENCES:
mrc-bcs 1 mmol/L MUREAV 77,109,80
TOXICITY DATA AND REFERENCES:
3K12K13U03 orl-man TDLo:73 mg/kg SMEZA5 18(4),37,75
scu-rat LDLo:20 mg/kg HBAMAK 4,1407,35
orl-mus LD50:33 mg/kg JFALAX 5,15,69
orl-dog LDLo:45 mg/kg HBAMAK 4,1406,35
scu-dog LDLo:15 mg/kg EQSSDX 1,1,75
ivn-dog LDLo:15 mg/kg EQSSDX 1,1,75
ivn-rbt LDLo:14 mg/kg EQSSDX 1,1,75
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Tl)/m3 DTLVS* 4,396,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Tl)/m3 (SCP-U) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

THALLIUM NITRATE (DOT) see: XG5950000
THALLIUM OXIDE (8CI,9CI) see: XG2975000
THALLIUM(111) OXIDE see: XG2975000
THALLIUM(3+) OXIDE see: XG2975000
THALLIUM PEROXIDE see: XG2975000

XG6180000 THALLIUM SALT, solid
UPDT:8308
SYN: NA 1707 (DOT) * THALLIUM SALT SOLID (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Tl)/m3 DTLVS* 4,396,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Tl)/m3 (SCP-U) FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82

THALLIUM SALT SOLID (DOT) see: XG6180000
THALLIUM SELENIDE (8CI,9CI) see: XG6300000

XG6300000 THALLIUM(I)SELENITE
UPDT:8409 CAS: 12039-52-0 MW: 283.33 MOLFM: Se-Tl
SYN: RCRA WASTE NUMBER P114 * THALLIUM MONOSELENIDE * THALLIUM SELENIDE (8CI,9CI)
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:50 mg/kg NCNSA6 5,28,53
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 100 ug(Ti)/m3 (skin) (SCP-U) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

THALLIUM SESQUIOXIDE see: XG2975000
THALLIUM SULFATE see: XG6800000

XG6600000 THALLIUM SULFATE
UPDT:8309 CAS: 10031-59-1 MW: 1526.65 MOLFM: O4-S .xTl
SYN: NA 1707 (DOT) * RATOX * SULFURIC ACID, THALLIUM SALT * THALLIUM SULFATE, SOLID (DOT) * ZELIO
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T46T53 ipr-rat TDLo:7500 ug/kg (12-14D preg) TXAPA9 16,120,70
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:7 mg/kg PCOC** -,1126,66
orl-rat LD50:16 mg/kg JAMAAP 129,927,45
3F15K12U01 ivn-rat LD50:12 mg/kg TXAPA9 10,199,67
orl-bwd LD50:35 mg/kg TXAPA9 21,315,72
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Tl)/m3 DTLVS* 4,396,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Tl)/m3 (skin) (SCP-U) FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

THALLIUM(1) SULFATE see: XG6800000

XG6800000 THALLIUM(I) SULFATE (2:1)
UPDT:8406 CAS: 7446-18-6 MW: 504.80 MOLFM: O4-S .2Tl
SYN: C.F.S. * CSF-GIFTWEIZEN * DITHALLIUM SULFATE * DITHALLIUM(1+) SULFATE * ECCOTHAL * M7-GIFTKOERNER * RATTENGIFTKONSERVE * RCRA WASTE NUMBER P115 * SULFURIC ACID, DITHALLIUM(1+) SALT (8CI,9CI) * SULFURIC ACID, THALLIUM(1+) SALT (1:2) * THALLIUM SULFATE * THALLIUM(1) SULFATE * THALLOUS SULFATE
TOXICITY DATA AND REFERENCES:
3F03F13K13 orl-man LDLo:7 ug/kg CTOXAO 17,133,80
3C18F07G10 orl-man LDLo:14 mg/kg JTSCDR 3,325,78
* orl-hmn LDLo:3 mg/kg AJCPAI 13,422,43
* orl-rat LD50:20300 ug/kg MEPAAX 30,257,79
scu-rat LDLo:13 mg/kg APTOA6 12,260,56
orl-mus LD50:29 mg/kg JFALAX 5,15,69
* scu-mus LD50:26600 ug/kg MEPAAX 30,257,79
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Tl)/m3 DTLVS* 4,396,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Tl)/m3 (skin) (SCP-U) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XG6900000 THALLIUM(II) SULFATE (1:1)
UPDT:7901 CAS: 63906-56-? MW: 300.43 MOLFM: O4-S .Tl
SYN: SULFURIC ACID, THALLIUM(2+) SALT
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:23 mg/kg HYSAAV 29,26,64
orl-mus LD50:24 mg/kg HYSAAV 29,26,64
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Tl)/m3 DTLVS* 4,396,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Tl)/m3 (SCP-U) FEREAC 39,23540,74

THALLIUM SULFATE, SOLID (DOT) see: XG6600000
THALLOUS ACETATE see: AJ5425000
THALLOUS CARBONATE see: XG4000000
THALLOUS CHLORIDE see: XG4200000
THALLOUS FLUORIDE see: XG4900000
THALLOUS IODIDE see: XG5425000
THALLOUS NITRATE see: XG5950000
THALLOUS SULFATE see: XG6800000
THAM see: TY2900000
THAM see: UK8025000
THAM-E see: TY2900000
THAM PGF2-alpha see: UK8025000
THAM SET see: TY2900000
THANATE P 210 see: TR0320000
THANATE P 220 see: TR0320000
THANATE P 270 see: TR0320000
THANGI EXTRACT (Indian) see: GN1030000
THANISOL see: AJ6300000
THANITE see: AJ6300000
THARMAL LEAF EXTRACT (Indian) see: GM5150000
THARO-UNUI EXTRACT (Indian) see: LZ2838700
THBP see: DJ1892000
delta(sup 1)-THC see: HP8225000
THC see: HP8225000
delta(sup 6)-THC see: HP8400000
delta(sup 8)-THC see: HP8400000
delta(sup 9)-THC see: HP8225000
delta(sup 8)-THC SULFATE POTASSIUM SALT see: HP8530000
THD see: XI7350000
TH-DMBA see: CX3149000
THE-7 see: FZ8060000
THEAL see: XH5100000
THEAL AMPULES see: XH5100000
THEAL TABL. see: XH3850000
THEAN see: XH5907500
THEELIN see: KG8575000
THEELIN, DIHYDRO- see: KG2975000
THEELOL see: KG8225000
THEFANIL see: UT1575000
THEFYLAN see: XH5100000
THEIN see: EV6475000
THEINE see: EV6475000
THETHYLPERAZINE see: SP0280000
THELESTRIN see: KG8575000
THELOTORNIS KIRTLANDI VENOM see: YX4457000
THELYKININ see: KG8575000

XH0655000 THELYPTERIS METTILINEATA (Wall. ex. Hook.) Morton, extract excluding roots
DEF:Indian plant belonging to the family ASPIDIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:600 mg/kg IJEBA6 15,208,77

THEMALON HYDROCHLORIDE see: BA6330000

XH0690000 THEMEDA ARUNDINACEA (Roxb.) Ridley, extract excluding roots
DEF:Indian plant belonging to the family GRAMINEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

THENALIDINE see: TN1400000
THENALTON see: ES4316000
THENARDITE see: WE1650000
THENARDOL see: YT4850000
THENFADIL see: UT1575000
THENFADIL HYDROCHLORIDE see: UT1925000
2-THENOATE de gamma-(2,5-DIMETHYL-1-1PYRRYL)PROPYLE (French) see: XM8450000
THENOBARBITAL see: CQ6825000
2-THENOIC ACID see: XM8330200
3-THENOIC ACID see: XM8330300

THENOPHENOPIPERIDINE see: TN1400000
p-(2-THENOYL)HYDRATROPIC ACID see: MU6647000
(+-)-2-(p-(2-THENOYL)PHENYL)PROPIONIC ACID see: MU6647000
2-THENYLACETAMIDE see: AC8774000
2-THENYLAMINE, 5-CHLORO-N-(2-(DIMETHYLAMINO)ETHYL)-N-2-PYRIDYL- see: US7350000

XH1425000 2-THENYLAMINE, N-METHYL-N-(alpha-METHYLPHENETHYL)-, CYCLOHEXANESULFAMATE, (+)-
UPDT:8305 CAS: 3454-56-6 MW: 424.67 MOLFM: C15-H19-N-S .C6-H13-N-O3-S
SYN: (+)-N-METHYL-N-(alpha-METHYLPHENETHYL)-2-THENYLAMINE CYCLOHEXANESULFAMATE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:93 mg/kg	APFRAD 24,57,66

XH1425100 3-THENYLAMINE, N-METHYL-N-(alpha-METHYLPHENETHYL)-, CYCLOHEXANESULFAMATE, (+)-
UPDT:8305 CAS: 3926-21-4 MW: 424.67 MOLFM: C15-H19-N-S .C6-H13-N-O3-S
SYN: (+)-N-METHYL-N-(alpha-METHYLPHENETHYL)-3-THENYLAMINE CYCLOHEXANESULFAMATE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:210 mg/kg	APFRAD 24,57,66

XH1426000 2-THENYLAMINE, N-(alpha-METHYLPHENETHYL)-, ACETATE, (+)-
UPDT:8305 CAS: 1980-46-7 MW: 291.44 MOLFM: C14-H17-N-S .C2-H4-O2
SYN: (+)-N-(alpha-METHYLPHENETHYL)-2-THENYLAMINE ACETATE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:175 mg/kg	APFRAD 24,57,66

XH1426500 3-THENYLAMINE, N-(alpha-METHYLPHENETHYL)-, CYCLOHEXANESULFAMATE, (+)-
UPDT:8305 CAS: 14611-80-4 MW: 410.64 MOLFM: C14-H17-N-S .C6-H13-N-O3-S
SYN: (+)-N-(alpha-METHYLPHENETHYL)-3-THENYLAMINE CYCLOHEXANESULFAMATE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:174 mg/kg	APFRAD 24,57,66

2-THENYLCARBAMIC ACID 2-HYDROXYETHYL ESTER see: FD1197000
THENYLDIAMINE see: UT1575000
THENYLDIAMINE CHLORIDE see: UT1925000
THENYLDIAMINE HYDROCHLORIDE see: UT1925000
THENYLENE see: UT1400000
THENYLENE HYDROCHLORIDE see: UT1750000
THENYLPYRAMINE see: UT1400000
THENYLPYRAMINE HYDROCHLORIDE see: UT1750000
(3-THENYLTHIO)ACETIC ACID SODIUM SALT see: AJ5500000
2-THENYLURETHANE du GLYCOL (French) see: FD1197000
THEOBROMINATE de SODIUM (French) see: XH2376100

XH2275000 THEOBROMINE
UPDT:8408 CAS: 83-67-0 MW: 180.19 MOLFM: C7-H8-N4-O2
SYN: 3,7-DIHYDRO-3,7-DIMETHYL-1H-PURINE-2,6-DIONE * 3,7-DIMETHYLXANTHINE * DIUROBROMINE * SANTHEOSE * SC 15090 * TEOBROMIN * THEOSALVOSE * THEOSTENE * THESAL * THESODATE * XANTHINE, 3,7-DIMETHYL-

MUTATION DATA AND REFERENCES:

	mmo-esc 150 mg/L	CSHSAZ 16,337,52
	oms-omi 500 ppm	IJEBA6 13,387,75
	cyt-omi 300 ppm	IJEBA6 13,387,75
	mmo-eug 600 mg/L	MUREAV 32,169,75
	dns-hmn:oth 1 mmol/L	BIOJAU 35,665,81
	dni-hmn:oth 4 mmol/L	BIOJAU 35,665,81
	oms-hmn:lym 10 mmol/L	MUREAV 15,197,72
	spm-rat-orl 5000 ppm	JEPTDQ 2(3),687,79
	sce-ham-orl 300 mg/kg	EXPEAM 38,600,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T01T02	orl-rat TDLo:7680 mg/kg (16D male)	TXAPA9 63,312,82
1T02	orl-rat TDLo:7500 mg/kg (49D male)	FCTOD7 22,365,84
1T23	orl-rat TDLo:17640 mg/kg (49D male)	TOXID9 4,137,84
2T72T81	orl-mus TDLo:6300 mg/kg (1-21D preg)	TOXID9 4,191,84
3T34T43T46	ipr-mus TDLo:500 mg/kg (13D preg)	OFAJAE 46,167,69
1T59	ipr-mus TDLo:500 mg/kg (13D preg)	OFAJAE 46,167,69

TOXICITY DATA AND REFERENCES:

2F17K13	orl-hmn TDLo:26 mg/kg	JPETAB 86,113,46
*	orl-rat LD50:1265 mg/kg	GTPZAB 26(3),59,82
*	orl-mus LD50:837 mg/kg	GTPZAB 26(3),59,82
	scu-mus LD50:600 mg/kg	AEPPAE 197,193,41
	orl-dog LD50:300 mg/kg	TXAPA9 53,481,80
	scu-rbt LDLo:1 gm/kg	HBAMAK 4,1289,35

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JRPMAP 12(1),27,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XH2376100 THEOBROMINE, 1-(2-(DIETHYLAMINO)ETHYL)-, SODIUM SALT
UPDT:8309 MW: 302.38 MOLFM: C13-H21-N5-O2 .Na
SYN: 1-(2-(DIETHYLAMINO)ETHYL)THEOBROMINE SODIUM SALT * THEOBROMINATE de SODIUM (French)

TOXICITY DATA AND REFERENCES:

3F12J22J24	scu-mus LD50:530 mg/kg	APFRAD 8,709,50

XH2387000 THEOBROMINE, 1-(2-HYDROXYPROPYL)-
UPDT:8304 CAS: 50-39-5 MW: 238.28 MOLFM: C10-H14-N4-O3
SYN: BONICOR * CORDABROMIN * CORDALEROMIN * CORODIL * 3,7-DIHYDRO-1-(2-HYDROXYPROPYL)-3,7-DIMETHYL-1H-PURINE-2,6-DIONE (9CI) * 1-(2-HYDROXYPROPYL)-3,7-DIMETHYLXANTHINE * 1-(beta-HYDROXYPROPYL)THEOBROMINE * 1-(2-HYDROXYPROPYL)THEOBROMINE * MTB * beta-OXYPROPYLTHEOBROMINE * PANTOBROMINO * PROTHEOBROMINE * PRO-COR * PROTHEOBROMIN * 1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-1-(2-HYDROPROPYL)-3,7-DIMETHYL-(9CI) * TEBE * THEOCOR * VASCOPIL

TOXICITY DATA AND REFERENCES:

	ipr-mus LDLo:780 mg/kg	ARZNAD 6,457,56
	scu-mus LD50:580 mg/kg	ARZNAD 6,601,56

THEOBROMINE, 1-METHYL- see: EV6475000

XH2475000 THEOBROMINE, 1-(5-OXOHEXYL)-
UPDT:8411 CAS: 6493-05-6 MW: 278.35 MOLFM: C13-H18-N4-O3
SYN: BL 191 * 3,7-DIHYDRO-3,7-DIMETHYL-1-(5-OXOHEXYL)-1H-PURINE-2,6-DIONE * DIMETHYLOXOHEXYLXANTHINE * 3,7-DIMETHYL-1-(5-OXOHEXYL)-1H,3H-PURIN-2,6-DIONE * 3,7-DIMETHYL-1-(5-OXOHEXYL)XANTHINE * 1-(5-OXOHEXYL)-3,7-DIMETHYLXANTHINE * 1-(5-OXOHEXYL)THEOBROMINE * OXPENTIFYLLINE * PENTOXIFYLLINE * PENTOXIFYLLIN * PENTOXIPHYLLIUM * PENTOXYPHYLLINE * 1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-3,7-DIMETHYL-1-(5-OXOHEXYL)- (9CI) * TRENTAL * VAZOFIRIN

MUTATION DATA AND REFERENCES:

	dns-hmn:oth 1 mmol/L	BIOJAU 35,665,81
	dni-hmn:oth 4 mmol/L	BIOJAU 35,665,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-rat TDLo:6270 mg/kg (6-16D preg)	ARZNAD 21,1446,77
1T12	ivn-rat TDLo:3 gm/kg (30D pre)	OYYAA2 16,557,78
1T03	ivn-rat TDLo:4500 mg/kg (30D male)	OYYAA2 16,557,78
1T25	ivn-rbt TDLo:78 mg/kg (6-18D preg)	OYYAA2 22,451,81

TOXICITY DATA AND REFERENCES:

2F17J25	orl-rat LD50:1170 mg/kg	YACHDS 9,13,81
2F17J25	ipr-rat LD50:230 mg/kg	YACHDS 9,13,81
*	scu-rat LD50:375 mg/kg	OYYAA2 15,153,78
*	ivn-rat LD50:231 mg/kg	ARZNAD 21,1446,77
*	orl-mus LD50:1225 mg/kg	NIIRDN 6,779,82
*	ipr-mus LD50:239 mg/kg	ARZNAD 21,1446,77
*	scu-mus LD50:480 mg/kg	IYKEDH 8,267,77
*	ivn-mus LD50:108 mg/kg	IYKEDH 8,267,77
*	ivn-rbt LD50:100 mg/kg	IYKEDH 8,267,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

THEOCIN see: XH3850000
THEOCOR see: XH2387000
THEODEN see: XH5907500
THEODROX see: XH5600000
THEOFIBRATE see: UE9516500
THEOFOL see: XH3850000
THEOGEN see: GL1224000
THEOGRAD see: XH3850000
THEOLAIR see: XH3850000
THEOLAMINE see: XH5600000
THEOLIX see: XH3850000
THEOLONE see: XH5600000
THEOLOXIN see: CQ6825000
THEOMIN see: XH5600000
THEON see: XH5907500
THEOPHILCHOLINE see: TI4375000
THEOPHYL-225 see: XH3850000
THEOPHYLDINE see: XH5600000
THEOPHYLINE see: XH3850000
THEOPHYLLAMINE see: XH5600000
THEOPHYLLAMINIUM see: XH5600000
THEOPHYLLIN see: XH3850000
THEOPHYLLIN AETHYLENDIAMIN (German) see: XH5600000
N-2 THEOPHYLLINATE see: KC9940000

XH3850000 THEOPHYLLINE
UPDT:8412 CAS: 58-55-9 MW: 180.19 MOLFM: C7-H8-N4-O2
SYN: ACET-THEOCIN * AMINOPHYLLINE * 3,7-DIHYDRO-1,3-DIMETHYL-1H-PURINE-2,6-DIONE * 1,3-DIMETHYLXANTHINE * ELIXICON * ELIXOPHYLLIN * ELIXOPHYLLINE * LANOPHYLLIN * LIQUOPHYLLINE * NSC 2066 * OPTIPHYLLIN * PARKOPHYLLIN * PSEUDOTHEOPHYLLINE * 1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-1,3-DIMETHYL- (9CI) * SLO-PHYLLIN * SOLOSIN * TEFAMIN * TEOFYLLAMIN * THEAL TABL. * THEOCIN * THEOFOL * THEOGRAD * THEOLAIR * THEOLIX * THEOPHYL-225 * THEOPHYLLIN * THEOPHYLINE * THEOPHYLLINE, ANHYDROUS * XANTHINE, 1,3-DIMETHYL-

MUTATION DATA AND REFERENCES:

	mmo-esc 150 mg/L	CSHSAZ 16,337,52
	mmo-bcs 7500 mg/L	MUREAV 117,55,83
	mmo-omi 6000 ppm	NATUAS 162,573,48
	mmo-eug 600 mg/L	MUREAV 32,169,75
	dns-hmn:oth 1 mmol/L	BIOJAU 35,665,81
	dni-hmn:oth 4 mmol/L	BIOJAU 35,665,81
	oms-hmn:lym 100 umol/L	MUREAV 15,197,72
	dnd-mus:lym 1500 umol/L	MUREAV 26,73,74
	dnd-mus:fbr 1500 umol/L	MUREAV 26,73,74
	oms-rat:oth 1 mmol/L	INOPAO 13,210,74
	oms-mus:oth 100 umol/L	JIDEAE 66,313,76
	cyt-mus:mmr 3200 umol/L/24H-C	JTSCDR 5,141,80
	dnd-ham:lng 1500 umol/L	MUREAV 26,73,74
	cyt-ham:lng 450 mg/L	GMCRDC 27,95,81
	sce-ham:ovr 2 mmol/L	MUREAV 126,63,84
	sce-ham-orl 300 mg/kg	EXPEAM 38,600,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T01T02	orl-rat TDLo:29220 mg/kg (19W male)	JEPTDQ 1(5),699,78
1T46	scu-rat TDLo:1700 mg/kg (1-17D preg)	AIPTAK 172,219,68
3T43T46T45	ipr-mus TDLo:175 mg/kg (13D preg)	OFAJAE 46,167,69
2T34T59	ipr-mus TDLo:200 mg/kg (13D preg)	OFAJAE 46,167,69
1T25	ipr-mus TDLo:225 mg/kg (13D preg)	OFAJAE 46,167,69
1T77	ivn-rbt TDLo:18750 ug/kg (24-26D preg)	PEREBL 12,38,78

TOXICITY DATA AND REFERENCES:

3F13G10J26	ims-chd TDLo:50 mg/kg	JOPDAB 90,827,77
3F11G04K13	ivn-hmn TDLo:10 mg/kg/D	JAMAAP 235,1983,76
	par-man LDLo:12 mg/kg	DAKMAJ 80,510,1904
	orl-chd LDLo:8400 ug/kg	32ZWAA 8,361,74
1F07	orl-wmn TDLo:281 mg/kg/4W	BMJOAE 281,1322,80
	ivn-hmn LDLo:1430 ug/kg	32ZWAA 8[illegible]1,74
	rec-hmn LDLo:25 mg/kg	32ZWAA 8,361,74
*	orl-rat LD50:244 mg/kg	GTPZAB 26(3),59,82
	ipr-rat LD50:188 mg/kg	PEREBL 11,783,77
3F05F12J22	scu-rat LD20:75 mg/kg	FAATDF 1,443,81
	ivn-rat LDLo:240 mg/kg	27ZIAQ -,259,73
*	orl-mus LD50:252 mg/kg	GTPZAB 26(3),59,82
1F12	ipr-mus LD50:70 mg/kg	BJPCBM 73,887,81
3F12G30J26	scu-mus LD50:180 mg/kg	THERAP 4,28,49
	ivn-mus LD50:210 mg/kg	ARZNAD 6,41,56
*	ims-mus LD50:271 mg/kg	NIIRDN 6,34,82
	rec-mus LD50:166 mg/kg	PEREBL 11,783,77
	orl-dog LDLo:290 mg/kg	DAKMAJ 80,510,1904
	orl-cat LDLo:800 mg/kg	DAKMAJ 80,510,1904
	scu-cat LDLo:600 mg/kg	DAKMAJ 80,510,1904
	scu-rbt LDLo:890 mg/kg	DAKMAJ 80,510,1904
*	ivn-rbt LD50:150 mg/kg	NIIRDN 6,34,82
	scu-gpg LDLo:170 mg/kg	HBTXAC 5,168,59

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JRPMAP 12(1),27,74

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XH3942000 THEOPHYLLINE, 8-(2-AMINOETHYL)AMINO)-
UPDT:8402 MW: 238.29 MOLFM: C9-H14-N6-O2
SYN: 8-((2-AMINOETHYL)AMINO)THEOPHYLLINE * THEOPHYLLINE ETHYLENE-DIAMINE (French)

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:180 mg/kg	APFRAD 22,265,64
2F13F17	ivn-mus LD50:120 mg/kg	APFRAD 22,265,64

THEOPHYLLINE AMINOISOBUTANOL see: XH4375000
THEOPHYLLINE beta-AMINOISOBUTANOL see: XH4375000

XH4375000 THEOPHYLLINE, compd. with 2-AMINO-2-METHYL-1-PROPANOL (1:1)
UPDT:8403 CAS: 5634-34-4 MW: 269.35 MOLFM: C7-H8-N4-O2 .C4-H11-N-O
SYN: AMBUPHYLLINE * BUFYLLINE * BUTAPHYLLAMINE * BUTHOID * 1-PROPANOL, 2-AMINO-2-METHYL-, compd. with THEOPHYLLINE (1:1) * 1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-1,3-DIMETHYL-, compd. with 2-AMINO-2-METHYL-1-PROPANOL (1:1) * THEOPHYLLINE AMINOISOBUTANOL * THEOPHYLLINE beta-AMINOISOBUTANOL

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:600 mg/kg	JLCMAK 31,1337,46

ivn-rbt LD50:163 mg/kg JLCMAK 31,1337,46

XH4400000 THEOPHYLLINE, 7-(3-AMINOPROPYL)-8-(3-PYRIDYLMETHYL)-, MONOHYDROCHLORIDE

UPDT:8411 CAS: 30825-03-7 MW: 364.88 MOLFM: C16-H20-N6-O2 .Cl-H

TOXICITY DATA AND REFERENCES:

* ivn-mam LD50:48 mg/kg CHTPBA 5,321,70

THEOPHYLLINE, ANHYDROUS see: XH3850000

XH4900000 THEOPHYLLINE, 8-BENZYL-7-(2-(ETHYL(2-HYDROXYETHYL)AMINO)ETHYL)-

UPDT:8405 CAS: 2016-63-9 MW: 385.52 MOLFM: C20-H27-N5-O3

SYN: AC 3810 * BAMIFYLLINE * BAMIPHYLLINE * 8-BENZYL-7-(N-ETHYL-N-(beta-HYDROXYETHYL)AMINOETHYL)THEOPHYLLINE * 8-BENZYL-7(2-(ETHYL(2-HYDROXYETHYL)AMINO)ETHYL)THEOPHYLLINE * BENZETAMOPHYLLINE * 8102 CB * 7-(N-(beta-HYDROXYETHYL)-N-ETHYL)-AMINOETHYL-8-BENZYL THEOPHYLLINE

TOXICITY DATA AND REFERENCES:

2F13F12 orl-rat LD50:1139 mg/kg ARZNAD 18,460,68
2F12F13 ipr-rat LD50:131 mg/kg ARZNAD 18,460,68
2F12F13 ivn-rat LD50:65 mg/kg ARZNAD 18,460,68
2F13F12 orl-mus LD50:246 mg/kg ARZNAD 18,460,68
2F13F12 ipr-mus LD50:89 mg/kg ARZNAD 18,460,68
2F13F12 ivn-mus LD50:67 mg/kg ARZNAD 18,460,68
2F13F12 orl-dog LD50:614 mg/kg ARZNAD 18,460,68
2F12F13 ivn-dog LD50:29 mg/kg ARZNAD 18,460,68
2F12F13 orl-gpg LD50:165 mg/kg ARZNAD 18,460,68

XH4920000 THEOPHYLLINE, 8-BENZYL-7-(2-(ETHYL(2-HYDROXYETHYL)AMINO)ETHYL)-, HYDROCHLORIDE

UPDT:8403 CAS: 3736-86-5 MW: 421.98 MOLFM: C20-H27-N5-O3 .Cl-H

SYN: AC-3810 * BAX 2793Z * TRENTADIL

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1139 mg/kg 85ESA3 9,126,76
ipr-rat LD50:131 mg/kg 85ESA3 9,126,76
ivn-rat LD50:65 mg/kg 85ESA3 9,126,76
orl-mus LD50:246 mg/kg 85ESA3 9,126,76
ipr-mus LD50:89 mg/kg 85ESA3 9,126,76
ivn-mus LD50:67 mg/kg 85ESA3 9,126,76

XH5082000 THEOPHYLLINE, 8-CHLORO-, compd. with 2-(DIPHENYLMETHOXY)-N,N-DIMETHYLETHYLAMINE (1:1)

UPDT:8412 CAS: 523-87-5 MW: 470.02 MOLFM: C17-H21-N-O .C7-H7-Cl-N4-O2

SYN: AMOSYT * ANAUTINE * ANDRAMINE * AVIOMARIN * O-BENZHYDRYLDIMETHYLAMINOETHANOL 8-CHLOROTHEOPHYLLINATE * 2-(BENZHYDRYLOXY)-N,N-DIMETHYLETHYLAMINE compd. with 8-CHLOROTHEOPHYLLINE * CHLORANAUTINE * 8-CHLOROTHEOPHYLLINE, compd. with 2-(DIPHENYLMETHOXY)-N,N-DIMETHYLETHYLAMINE (1:1) * DIAMARIN * DIMENHYDRINATE * DIPHENHYDRINATE * DRAMAMIN * DRAMAMINE * DRAMARIN * DRAMYL * DROMYL * ELDODRAM * ETHYLAMINE, 2-(DIPHENYLMETHOXY)-N,N-DIMETHYL-, compd. with 8-CHLOROTHEOPHYLLINE (1:1) * GRAVINOL * GRAVOL * MENHYDRINATE * NCI-C60639 * NEO-NAVIGAN * NOVAMIN * NOVAMINE * PERMITAL * REISE ENGLETTEN * SUPREMAL * TEODRAMIN * TRAVELIN * TRAVELMIN * VOMEX A * XAMAMINA

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1320 mg/kg NIIRDN 6,346,82
ivn-rat LD50:200 mg/kg CLDND*
* orl-mus LD50:203 mg/kg NIIRDN 6,346,82
* ipr-mus LD50:149 mg/kg NIIRDN 6,346,82

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: JRPMAP 12(1),27,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

XH5085000 THEOPHYLLINE, 8-CHLORO-, compd. with 4-(DIPHENYLMETHOXY)-1-METHYLPIPERIDINE (1:1)

UPDT:8303 CAS: 606-90-6 MW: 496.06 MOLFM: C19-H23-N-O .C7-H7-Cl-N4-O2

SYN: DIPHENYLPYRALIN-8-CHLOR-THEOPHYLLINAT (German) * DIPHENYLPYRALINE TEOCLATE * KOLTON * PIPRINHYDRINATE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:275 mg/kg NIIRDN 6,334,82
* ipr-mus LD50:86 mg/kg NIIRDN 6,334,82
* ivn-mus LD50:75 mg/kg NIIRDN 6,334,82

XH5093090 THEOPHYLLINE, 7-(2-(4-(p-CHLOROPHENYL)-1-PIPERAZINYL)ETHYL)-

UPDT:8405 MW: 402.93 MOLFM: C19-H23-Cl-N6-O2

SYN: 7-(2-(4-(p-CHLOROPHENYL)-1-PIPERAZINYL)ETHYL)THEOPHYLLINE * SGD 275 76

TOXICITY DATA AND REFERENCES:

3D28F05F19 orl-mus LD50:1400 mg/kg ARZNAD 34,1,84
3D28F05F19 ivn-mus LD50:43 mg/kg ARZNAD 34,1,84

THEOPHYLLINE CHOLINATE see: GA7420000

XH5095500 THEOPHYLLINE, 7-(2-(DIETHYLAMINO)ETHYL)-, HYDROCHLORIDE

UPDT:8306 CAS: 17140-68-0 MW: 315.85 MOLFM: C13-H21-N5-O2 .Cl-H

SYN: CHLORHYDRATE de DIETHYLAMINOETHYLTHEOPHYLLINE (French) * 7-(beta-DIAETHYLAMINO-AETHYL)-THEOPHYLLIN-HYDROCHLORID (German) * 7-(2-(N',N-DIETHYLAMINO)ETHYL)THEOPHYLLINE HYDROCHLORIDE * ETAMIPHYLLINE HYDROCHLORIDE * ETAMIPHYLLIN HYDROCHLORIDE * 1H-PURINE-2,6-DIONE, 7-(2-(DIETHYLAMINO)ETHYL)-3,7-DIHYDRO-1,3-DIMETHYL-, HYDROCHLORIDE * SOLUFILINA * ST

TOXICITY DATA AND REFERENCES:

ipr-mus LD50:182 mg/kg ARZNAD 8,190,58
scu-mus LD50:182 mg/kg ARZNAD 4,649,54
* ivn-mus LD50:127 mg/kg AIPTAK 103,146,55

XH5097300 THEOPHYLLINE, 7-(beta-DIETHYLAMINOETHYL)-8-(alpha-HYDROXYBENZYL)-, HYDROCHLORIDE

UPDT:8306 CAS: 68457-14-4 MW: 421.90 MOLFM: C20-H27-N5-O3 .Cl-H

SYN: BZL * 7-(beta-DIETHYLAMINOETHYL)-8-(alpha-HYDROXYBENZYL)THEOPHYLLINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

orl-rat LD50:400 mg/kg TXAPA9 7,291,65
ipr-rat LD50:107 mg/kg TXAPA9 7,291,65
ipr-mus LD50:115 mg/kg TXAPA9 7,291,65
ivn-mus LD50:30 mg/kg TXAPA9 7,291,65

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XH5097600 THEOPHYLLINE, 7-(2-(DIETHYLAMINO)ETHYL)-, 2-OXOBORNANESULFONATE (salt) (1:1)

UPDT:8306 CAS: 19326-29-5 MW: 511.71 MOLFM: C13-H21-N5-O2 .C10-H16-O4-S

SYN: CAMPHOSULFONATE de DIETHYLAMINOETHYLTHEOPHYLLINE (French) * 7-(2-(DIETHYLAMINO)ETHYL)THEOPHYLLINE 2-OXOBORNANESULFONATE

TOXICITY DATA AND REFERENCES:

3F12G30J26 scu-mus LD50:604 mg/kg THERAP 4,28,49

XH5099000 THEOPHYLLINE, 7-(3-((2-(3,5-DIHYDROXYPHENYL)-2-HYDROXYETHYL)AMINO)PROPYL)-, HYDROCHLORIDE

UPDT:8403 CAS: 13055-82-8 MW: 425.92 MOLFM: C18-H23-N5-O5 .Cl-H

SYN: BRONCHODIL * BRONCHOSPASMIN * 7-(3-(2-(3,5-DIHYDROXYPHENYL)-2-HYDROXY-ETHYLAMINO)PROPYL)THEOPHYLLINE HYDROCHLORIDE * REPROTEROL HYDROCHLORIDE * REPROTEROLE HYDROCHLORIDE * 7-(3-((beta,3,5-TRIHYDROXYPHENETHYL)AMINO)PROPYL)THEOPHYLLINE MONOHYDROCHLORIDE * W 2946M

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T81 orl-rat TDLo:35 gm/kg (16-22D preg/28D post) ARZNAD 27,45,77
1T25 ivn-rbt TDLo:390 mg/kg (6-13D preg) ARZNAD 27,45,77

TOXICITY DATA AND REFERENCES:

ivn-rat LD50:142 mg/kg ARZNAD 27,45,77
ivn-mus LD50:148 mg/kg ARZNAD 27,45,77
ivn-dog LD50:160 mg/kg ARZNAD 27,45,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XH5100000 THEOPHYLLINE, 7-(2,3-DIHYDROXYPROPYL)-

UPDT:8403 CAS: 479-18-5 MW: 254.28 MOLFM: C10-H14-N4-O4

SYN: AFI-PHYLLIN * ARISTOPHYLLIN * ASTMAMASIT * ASTROPHYLLIN * CIRCAIN * CIRCAIR * CORONAL * CORONARIN * CORPHYLLIN * COR-THEOPHYLLINE * 7-(2,3-DIHYDROXYPROPYL)-3,7-DIHYDRO-1,3-DIMETHYL-1H-PURINE-2,6-DIONE * DIHYDROXYPROPYL THEOPYLIN (GERMAN) * DIHYDROXYPROPYL THEOPHYLLINE * (1,2-DIHYDROXY-3-PROPYL)THEOPHYLLIN * 7-(2,3-DIHYDROXYPROPYL)THEOPHYLLINE * DILOR * 1,3-DIMETHYL-7-(2,3-DIHYDROXYPROPYL)XANTHINE * 7-(2,3-DIOXYPROPYL)THEOPHYLLINE * DIPHYLLIN * DIPROFILLIN * DIPROFILLINE * DIPROPHYLLIN * DIPROPHYLLINE * DT * DYPHYLLINE * GLYFYLLIN * GLYPHYLLIN * GLYPHYLLINE * HIDROXITEOFILLINA * HIPHYLLIN * HYPHYLLINE * LUFYLLIN * NEOPHYLLIN * NEOPHYLLINE * NEOPHYLLIN M * NEOSTENOVASAN * NEOTHYLLINE * NEOTILINA * NEO-VASOPHYLLINE * NEUFIL * NEUTRAFIL * NEUTRAFILLINA * NEUTRAPHYLLIN * NEUTRAPHYLLINE * NEUTROXANTINA * PROPYPHYLLIN * PROTHEOPHYLLINE * PURIFILIN * 1H-PURINE-2,6-DIONE, 7-(2,3-DIHYDROXYPROPYL)-3,7-DIHYDRO-1,3-DIMETHYL * SIBEPHYLLIN * SIBEPHYLLINE * SILBEPHYLLINE * SOLUFILIN * SOLUFYLLIN * SOLUPHYLLIN * SYNTHOPHYLLINE * TEFILAN * THEAL * THEAL AMPULES * THEFYLAN

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:2341 mg/kg NIIRDN 6,339,82
ipr-mus LD50:1052 mg/kg ARZNAD 8,190,58
scu-mus LD50:120 mg/kg ARZNAD 6,601,56
ivn-mus LD50:1080 mg/kg RPOBAR 2,288,70

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

XH5107100 THEOPHYLLINE, 7-(2,3-DIHYDROXYPROPYL)-8-(3-PYRIDYLMETHYL)-

UPDT:8411 CAS: 28345-97-3 MW: 345.40 MOLFM: C16-H19-N5-O4

TOXICITY DATA AND REFERENCES:

* ivn-mam LD50:190 mg/kg CHTPBA 5,321,70

XH5107200 THEOPHYLLINE, 7-(2-(3,4-DIMETHOXYPHENETHYLAMINO)ETHYL)-, MONOHYDROCHLORIDE

UPDT:8308 CAS: 52986-16-0 MW: 423.95 MOLFM: C19-H25-N5-O4 .Cl-H

SYN: 7-(2-(3,4-DIMETHOXYPHENETHYLAMINO)ETHYL)THEOPHYLLINE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:114 mg/kg APFRAD 31,751,73

XH5107400 THEOPHYLLINE, 7-(2-((3,4-DIMETHOXYPHENETHYL)METHYLAMINO)ETHYL)-, compd. with METHIODIDE

UPDT:8308 CAS: 52943-60-9 MW: 543.46 MOLFM: C20-H27-N5-O4 .C-H3-I

SYN: 7-(2-((3,4-DIMETHOXYPHENETHYL)METHYLAMINO)ETHYL)THEOPHYLLINE compd. with METHIODIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:99 mg/kg APFRAD 31,751,73

XH5107600 THEOPHYLLINE, 7-(2-((3,4-DIMETHOXYPHENETHYL)METHYLAMINO)ETHYL)-, MONOHYDROCHLORIDE

UPDT:8308 CAS: 52986-17-1 MW: 437.98 MOLFM: C20-H27-N5-O4 .Cl-H

SYN: 7-(2-((3,4-DIMETHOXYPHENETHYL)METHYLAMINO)ETHYL)THEOPHYLLINE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:82 mg/kg APFRAD 31,751,73

XH5108000 THEOPHYLLINE, 7-((4,4-DIMETHYL-4H-1,3-BENZOTHIAZIN-2-YL)METHYL)-

UPDT:8303 MW: 369.48 MOLFM: C18-H19-N5-O2-S

SYN: 7-((4,4-DIMETHYL-4H-1,3-BENZOTHIAZIN-2-YL)METHYL)THEOPHYLLINE

TOXICITY DATA AND REFERENCES:

2A11F17 ipr-mus LD50:300 mg/kg RPTOAN 45,64,82

XH5115000 THEOPHYLLINE, 7-(2-(DIMETHYLAMINO)ETHYL)-8-(3-PYRIDYLMETHYL)-, HYDROCHLORIDE

UPDT:8411 CAS: 31840-19-4 MW: 378.91 MOLFM: C17-H22-N6-O2 .Cl-H

TOXICITY DATA AND REFERENCES:

* ivn-mam LD50:115 mg/kg CHTPBA 5,321,70

XH5120000 THEOPHYLLINE, 7-((4,4-DIMETHYL-4H-1,3-BENZOTHIAZIN-2-YL)METHYL)-

UPDT:8305 MW: 369.48 MOLFM: C18-H19-N5-O2-S

SYN: 7-((4,4-DIMETHYL-4H-1,3-BENZOTHIAZIN-2-YL)METHYL)THEOPHYLLINE * 2-((1,3-DIMETHYLXANTHINO)METHYL)-4,4-DIMETHYL-4H-1,3-BENZOTHIAZINE

TOXICITY DATA AND REFERENCES:

1A11 ipr-mus LD50:300 mg/kg PCJOAU 16,110,82

XH5132000 THEOPHYLLINE, 7-(2-(1,5-DIMETHYLHEXYLAMINO)ETHYL)-, MONOHYDROCHLORIDE

UPDT:8306 CAS: 52943-58-5 MW: 371.97 MOLFM: C17-H29-N5-O2 .Cl-H

SYN: 7-(2-(1,5-DIMETHYLHEXYLAMINO)ETHYL)THEOPHYLLINE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:55 mg/kg APFRAD 31,751,73

XH5133000 THEOPHYLLINE, 7-(2-((1,5-DIMETHYLHEXYL)METHYLAMINO)ETHYL)-, compd. with METHIODIDE

UPDT:8306 CAS: 52943-56-3 MW: 491.48 MOLFM: C18-H31-N5-O2 .C-H3-I

SYN: 7-(2-((1,5-DIMETHYLHEXYL)METHYLAMINO)ETHYL)THEOPHYLLINE compd. with METHIODIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:111 mg/kg APFRAD 31,751,73

XH5134000 THEOPHYLLINE, 7-(2-((1,5-DIMETHYLHEXYL)METHYLAMINO)ETHYL)-, MONOHYDROCHLORIDE

UPDT:8306 CAS: 52943-57-4 MW: 386.00 MOLFM: C18-H31-N5-O2 .Cl-H

SYN: 7-(2-((1,5-DIMETHYLHEXYL)METHYLAMINO)ETHYL)THEOPHYLLINE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:88 mg/kg APFRAD 31,751,73

XH5134500 THEOPHYLLINE, 7-(2-(1,5-DIMETHYL-5-HYDROXYHEXYLAMINO)ETHYL)-, MONOHYDROCHLORIDE

UPDT:8306 CAS: 52943-59-6 MW: 387.97 MOLFM: C17-H29-N5-O3 .Cl-H

SYN: 7-(2-(1,5-DIMETHYL-5-HYDROXYHEXYLAMINO)ETHYL)THEOPHYLLINE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:930 mg/kg APFRAD 31,751,73
* ivn-mus LD50:437 mg/kg APFRAD 31,751,73

XH5134600 THEOPHYLLINE, 7-(2-(N-(4,5-DIMETHYL-5-HYDROXYHEXYL)PHENETHYLAMINO)ETHYL)-

UPDT:8306 CAS: 52943-54-1 MW: 455.67 MOLFM: C25-H37-N5-O3

SYN: 7-(2-(N-(1,5-DIMETHYL-5-HYDROXYHEXYL)PHENETHYLAMINO)ETHYL)THEOPHYLLINE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:303 mg/kg APFRAD 31,751,73

XH5135000 THEOPHYLLINE, 7-(1,3-DIOXOLAN-2-YLMETHYL)-

UPDT:8308 CAS: 69975-86-6 MW: 266.29 MOLFM: C11-H14-N4-O4

SYN: ABC 12/3 * 7-(1,3-DIOXOLAN-2-YLMETHYL)THEOPHYLLINE * 1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-7-(1,3-DIOXOLAN-2-YLMETHYL)-1,3-DIMETHYL- (9CI) * 2-(7'-TEOFILLINMETIL)-1,3-DIOSSOLANO (Italian) * 2-(7-THEOPHYLLINEMETHYL)-1,3-DIOXOLANE

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:1022 mg/kg FRPSAX 36,201,81
* ipr-rat LD50:445 mg/kg FRPSAX 36,201,81
* orl-mus LD50:841 mg/kg FRPSAX 36,201,81
* ivn-mus LD50:216 mg/kg FRPSAX 36,201,81

XH5157500 THEOPHYLLINE, 7-(2-(DODECYLAMINO)ETHYL)-

UPDT:8306 CAS: 52943-53-0 MW: 391.63 MOLFM: C21-H37-N5-O2

SYN: 7-(2-(DODECYLAMINO)ETHYL)THEOPHYLLINE * 1H-PURINE-2,6-DIONE, 7-(2-(DODECYLAMINO)ETHYL)-3,7-DIHYDRO-1,3-DIMETHYL

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:340 mg/kg APFRAD 31,751,73

XH5161000 THEOPHYLLINE-8-ETHANOL, alpha-((DIISOBUTYLAMINO)METHYL)-, BENZOATE (ester)
UPDT 8303 MW 469.65 MOLFM C25-H35-N5-O4
SYN: DIISOBUTYLAMINOBENZOYLOXYPROPYL THEOPHYLLINE * alpha-((DIISOBUTYLAMINO)METHYL)THEOPHYLLINE-8-ETHANOL BENZOATE (ester)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2567 mg/kg NIIRDN 6,306,82
* ipr-mus LD50:1835 mg/kg NIIRDN 6,306,82
* ivn-mus LD50:273 mg/kg NIIRDN 6,306,82

THEOPHYLLINE ETHYLENEDIAMINE see: XH5600000
THEOPHYLLINE ETHYLENE-DIAMINE (French) see: XH3942000

XH5600000 THEOPHYLLINE, compd. with ETHYLENEDIAMINE (2:1)
UPDT 8408 CAS: 317-34-0 MW: 210.25 MOLFM: C7-H8-N4-O2 1/2C2-H8-N2
SYN: AMINOCARDOL * AMINODUR * AMINOFILINA (Spanish) * AMINOPHYLLINE * AMMOPHYLLIN * CARDOPHYLIN * CARDOPHYLLIN * CARDIOFILINA * CARDIOMIN * CARENA * CARIOMIN * DIAPHYLLINE * 3,7-DIHYDRO-1,3-DIMETHYL-1H-PURINE-2,6-DIONE compd. with 1,2-ETHANEDIAMINE (2:1) * DIOPHYLLIN * DIUXANTHINE * DOBO * DURA-TAB S.M. AMINOPHYLLINE * ETHOPHYLLINE * ETHYLENEDIAMINE, compd. with THEOPHYLLINE (1:2) * ETILEN-XANTISAN TABL. * EUPHYLLIN * EUPHYLLINE * EUUFILIN * EURPHYLLIN * GENOPHYLLIN * GRIFOMIN * INOPHYLLINE * LASODEX * LINAMPHETA * METAPHYLLIN * METAPHYLLINE * METHOPHYLLINE * MINAPHIL * MIOFILIN * NEOPHYILINE * PETERPHYLLIN * PHYLCARDIN * PHYLLINDON * PHYLLOCONTIN * 1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-1,3-DIMETHYL-, compd. with 1,2-ETHANEDIAMINE (2:1) (9CI) * RECTALAD-AMINOPHYLLINE * SOMOPHYLLIN * SOMOPHYLLIN O * STENOVASAN * TAD * TEFAMIN * THEODROX * THEOLAMINE * THEOLONE * THEOMIN * THEOPHYLDINE * THEOPHYLLAMINE * THEOPHYLLAMINIUM * THEOPHYLLIN AETHYLENDIAMIN (German) * THEOPHYLLINE ETHYLENEDIAMINE * THEOPHYLLIN ETHYLENEDIAMINE * THEPHYLDINE * TH/100 * VASOFILINA
MUTATION DATA AND REFERENCES:
cyt-mus:mmr 500 mg/L/24H-C JTSCDR 5,141,80
TOXICITY DATA AND REFERENCES:
ivn-man LDLo:1420 ug/kg JAMAAP 123,1115,43
2F31K13 orl-man TDLo:19 mg/kg/3D BCPHBM 10,101,80
3F23F24G04 ivn-hmn TDLo:139 mg/kg/7D-C CLCHAU 24,1603,78
3F24K13U03 rec-chd TDLo:39 mg/kg/8H JAMAAP 161,693,56
3F12K13U25 rec-chd LDLo:221 mg/kg/3D JAMAAP 161,693,56
* orl-rat LD50:243 mg/kg BCFAAI 110,653,71
1F12 ipr-rat LD50:200 mg/kg JAPMA8 36,248,47
ivn-rat LD50:184 mg/kg ARZNAD 29,1013,79
ims-rat LD50:167 mg/kg ARZNAD 29,1013,79
orl-mus LD50:150 mg/kg JLCMAK 31,1337,46
ipr-mus LD50:217 mg/kg ARZNAD 29,1013,79
scu-mus LD50:186 mg/kg ARZNAD 4,649,54
1H05 ivn-mus LD50:175 mg/kg BCFAAI 103,641,64
orl-dog LDLo:200 mg/kg BTSRAF 29,69,42
ivn-dog LDLo:150 mg/kg BTSRAF 29,69,42
rec-dog LDLo:200 mg/kg BTSRAF 29,69,42
ivn-rbt LD50:150 mg/kg JLCMAK 31,1337,46
orl-gpg LD50:187 mg/kg ARZNAD 29,1013,79
ipr-gpg LD50:252 mg/kg JPETAB 83,120,45
ivn-gpg LD50:143 mg/kg ARZNAD 29,1013,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XH5615000 THEOPHYLLINE, 8-(1-ETHYL-4-PIPERIDYL)-, HYDROCHLORIDE
UPDT 8402 MW: 327.86 MOLFM: C14-H21-N5-O2 Cl-H
SYN: CHLORHYDRATE N ETHYL PIPERIDYL-4' THEOPHYLLINE (French) * 8-(1-ETHYL-4-PIPERIDYL)THEOPHYLLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:450 mg/kg APFRAD 22,265,64
3F04F07F12 ivn-mus LD50:39 mg/kg APFRAD 22,265,64

THEOPHYLLINEETHYLSULFATE of PYRIDOXINE see: UO8430000

XH5624000 THEOPHYLLINE, 7-(2-(4-(p-FLUOROBENZOYL)PIPERIDINO)ETHYL)-
UPDT 8407 MW: 413.50 MOLFM: C21-H24-F-N5-O3
SYN: FLUFYLLIN * FLUFYLLINE * 7-(2-(4-(p-FLUOROBENZOYL)PIPERIDINO)ETHYL)THEOPHYLLINE * SGD 195/78
TOXICITY DATA AND REFERENCES:
3D28F05F19 orl-mus LD50:149 mg/kg ARZNAD 34,1,84
3D28F05F19 ivn-mus LD50:12 mg/kg ARZNAD 34,1,84

XH5624200 THEOPHYLLINE, 7-(3-(4-(p-FLUOROBENZOYL)PIPERIDINO)-2-HYDROXYPROPYL)-, HYDRATE
UPDT 8405 MW: 461.55 MOLFM: C22-H26-F-N5-O4 H2-O
SYN: 7-(3-(4-(p-FLUOROBENZOYL) PIPERIDINO)-2-HYDROXY-PROPYL)-THEOPHYLLIN-HYDRAT (German) * 7-(3-(4-(p-FLUOROBENZOYL)PIPERIDINO)-2-HYDROXYPROPYL)THEOPHYLLINE HYDRATE * SGD 145/80
TOXICITY DATA AND REFERENCES:
3D28F05F19 ivn-mus LD50:135 mg/kg ARZNAD 34,1,84

XH5624530 THEOPHYLLINE, 7-(3-(4-(p-FLUOROBENZOYL)PIPERIDINO)PROPYL)-
UPDT 8405 MW: 427.53 MOLFM: C22-H26-F-N5-O3
SYN: FLUPROFYLLINE * 7-(3-(4-(p-FLUOROBENZOYL)PIPERIDINO)PROPYL)THEOPHYLLINE * SGD 144/80
TOXICITY DATA AND REFERENCES:
3D28F05F19 orl-mus LD50:790 mg/kg ARZNAD 34,1,84
3D28F05F19 ivn-mus LD50:51 mg/kg ARZNAD 34,1,84

XH5630000 THEOPHYLLINE, 7-(2-(4-(2-FUROYL)-1-PIPERAZINYL)ETHYL)-
UPDT 8405 MW: 386.46 MOLFM: C18-H22-N6-O4
SYN: 7-(2-(4-(2-FUROYL)-1-PIPERAZINYL)ETHYL)THEOPHYLLINE * SGD 269/76
TOXICITY DATA AND REFERENCES:
3D28F05F19 orl-mus LD50:1650 mg/kg ARZNAD 34,1,84
3D28F05F19 ivn-mus LD50:150 mg/kg ARZNAD 34,1,84

XH5650000 THEOPHYLLINE, 7-(2-(HEXADECYLAMINO)ETHYL)-
UPDT 8306 CAS: 52943-52-9 MW: 447.75 MOLFM: C25-H45-N5-O2
SYN: 7-(2-(HEXADECYLAMINO)ETHYL)THEOPHYLLINE * 1H-PURINE-2,6-DIONE, 7-(2-(HEXADECYLAMINO)ETHYL)-3,7-DIHYDRO-1,3-DIMETHYL-
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:850 mg/kg APFRAD 31,751,73

XH5775000 THEOPHYLLINE, 7-HYDROXY-
UPDT 8401 CAS: 1012-82-4 MW: 196.19 MOLFM: C7-H8-N4-O3
SYN: 7-HYDROXYTHEOPHYLLIN (German) * 7-HYDROXYTHEOPHYLLINE * 1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-7-HYDROXY-1,3-DIMETHYL- (9CI)
TUMORIGENIC DATA AND REFERENCES:
3V03J60P62 scu-mus TDLo:700 mg/kg/24W-I ARZNAD 21,356,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XH5866000 THEOPHYLLINE, 7-(2-HYDROXYETHYL)-8-(3-PYRIDYLMETHYL)-
UPDT 8411 CAS: 20345-96-2 MW: 315.37 MOLFM: C15-H17-N5-O3
TOXICITY DATA AND REFERENCES:
* ivn-mam LD50:140 mg/kg CHTPBA 5,321,70

XH5900000 THEOPHYLLINE, 7-(2-HYDROXY-3-(4-(2-HYDROXYETHYL)-1-PIPERAZINYL)PROPYL)-
UPDT 8407 CAS: 19971-97-2 MW: 388.48 MOLFM: C16-H26-N6-O4
SYN: 7-(2-HYDROXY-3-(4-(2-HYDROXYETHYL)-1-PIPERAZINYL)PROPYL)THEOPHYLLINE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:571 mg/kg YKKZAJ 89,771,69

XH5905700 THEOPHYLLINE, 7-(2-(beta-HYDROXY-alpha-METHYLPHENETHYLAMINO)ETHYL)-
UPDT 8401 CAS: 58166-83-9 MW: 357.46 MOLFM: C18-H23-N5-O3
SYN: CAFFEDRIN * 7-(2-(beta-HYDROXY-alpha-METHYLPHENETHYLAMINO)ETHYL)THEOPHYLLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T52T53T77 orl-wmn TDLo:2230 mg/kg (1-39W preg) LANCAO 1,1241,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

THEOPHYLLINE, 7-(2-HYDROXY-3-(4-NAPHTHOBENZYL-1-PIPERAZINYL)PROPYL)-, DIHYDROCHLORIDE see: TL9289000

XH5907500 THEOPHYLLINE, 7-(2-HYDROXYPROPYL)-
UPDT 8411 CAS: 603-00-9 MW: 238.28 MOLFM: C10-H14-N4-O3
SYN: BRONTYL * 3,7-DIHYDRO-7-(2-HYDROXYPROPYL)-1,3-DIMETHYL-1H-PURINE-2,6-DIONE * HYDROXYPROPYLTHEOPHYLLINE * beta-HYDROXYPROPYLTHEOPHYLLINE * 7-(beta-HYDROXYPROPYL)THEOPHYLLINE * 7-(2-HYDROXYPROPYL))THEOPHYLLINE * MT * MONOPHYLLINE * OXYPROPYLTHEOPHYLLINE * beta-OXYPROPYLTHEOPHYLLIN * PROXIPHYLLINE * PROXYPHYLLINE * 1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-1,3-DIMETHYL-7-(2-HYDROXYPROPYL)- * 1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-7-(2-HYDROXYPROPYL)-1,3-DIMETHYL- (9CI) * PUROPHYLLIN * SANWAPHYLLIN * SIGOPHYL * SPASMOLYSIN * THEAN * THEODEN * THEON
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:460 mg/kg OYYAA2 19,845,80
* ipr-rat LD50:445 mg/kg NIIRDN 6,720,82
* ivn-rat LD50:430 mg/kg OYYAA2 19,845,80
* orl-mus LD50:739 mg/kg NIIRDN 6,720,82
ipr-mus LD50:505 mg/kg ARZNAD 27,14,77
scu-mus LD50:410 mg/kg ARZNAD 4,649,54
* ivn-mus LD50:475 mg/kg NIIRDN 6,720,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XH5922320 THEOPHYLLINE, 7-(N-ISOPROPYL-alpha-METHYLPHENETHYLAMINO)-, MONOHYDROCHLORIDE
UPDT 8308 MW: 468.05 MOLFM: C25-H29-N5-O2 Cl-H
SYN: 1,1-DIPHENYL-2-(N-(THEOPHYLLINO-7-ISOPROPYL)AMINO)PROPANHYDROCHLORID (German) * DPA 132 * 7-(N-ISOPROPYL-alpha-METHYLPHENETHYLAMINO)THEOPHYLLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:138 mg/kg PHARAT 28,677,73

THEOPHYLLINE METHESCULETOL see: PC9450000
THEOPHYLLINE METHOXYOXIMERCURIPROPYL SUCCINYLUREA see: WM3750000
THEOPHYLLINE, 7-METHYL see: EV6475000
2-(7'-THEOPHYLLINEMETHYL)-1,3-DIOXOLANE see: XH5135000

XH6136000 THEOPHYLLINE, 8-(1-METHYL-4-PIPERIDYL)-, HYDROCHLORIDE
UPDT 8402 MW: 313.83 MOLFM: C13-H19-N5-O2 Cl-H
SYN: CHLORHYDRATE de N METHYL PIPERIDYL-4' THEOPHYLLINE (French) * 8-(1-METHYL-4-PIPERIDYL)THEOPHYLLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1018 mg/kg APFRAD 22,265,64
2F13F17 ivn-mus LD50:337 mg/kg APFRAD 22,265,64

XH6155000 THEOPHYLLINE, 7-(2-MORPHOLINOETHYL)-, MONOHYDROCHLORIDE
UPDT 8306 MW: 329.83 MOLFM: C13-H19-N5-O3 Cl-H
SYN: CHLORHYDRATE de MORPHOLYLETHYLTHEOPHYLLINE (French) * 7-(2-MORPHOLINOETHYL)THEOPHYLLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12G30J26 scu-mus LD50:1012 mg/kg THERAP 6,65,51

XH6156000 THEOPHYLLINE, 7-(2-MORPHOLINOETHYL)-, 2-OXOBORNANESULFONATE (salt) (1:1)
UPDT 8306 MW: 525.69 MOLFM: C13-H19-N5-O3 C10-H16-O4-S
SYN: CAMPHOSULFONATE de MORPHOLYLETHYLTHEOPHYLLINE (French) * 7-(2-MORPHOLINOETHYL)THEOPHYLLINE CAMPHORSULFONATE
TOXICITY DATA AND REFERENCES:
3F12G30J26 scu-mus LD50:1747 mg/kg THERAP 6,65,51

XH6375000 THEOPHYLLINE, 7-(2-(OCTADECYLAMINO)ETHYL)-
UPDT 8306 CAS: 52943-51-8 MW: 475.81 MOLFM: C27-H49-N5-O2
SYN: 7-(2-(OCTADECYLAMINO)ETHYL)THEOPHYLLINE * 1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-1,3-DIMETHYL-7-(2-(OCTADECYLAMINO)ETHYL)-
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg APFRAD 31,751,73

XH6487250 THEOPHYLLINE, 7-(2-PIPERIDINOETHYL)-, MONOHYDROCHLORIDE
UPDT 8306 MW: 327.86 MOLFM: C14-H21-N5-O2 Cl-H
SYN: CHLORHYDRATE de PIPERIDYLETHYLTHEOPHYLLINE (French) * 7-(2-PIPERIDINOETHYL)THEOPHYLLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F12G30J26 scu-mus LD50:118 mg/kg THERAP 6,65,51

XH6487260 THEOPHYLLINE, 7-(2-PIPERIDINOETHYL)-, 2-OXOBORNANESULFONATE (salt) (1:1)
UPDT 8306 MW: 523.72 MOLFM: C14-H21-N5-O2 C10-H16-O4-S
SYN: CAMPHOSULFONATE de PIPERIDYLETHYLTHEOPHYLLINE (French) * 7-(2-PIPERIDINOETHYL)THEOPHYLLINE CAMPHORSULFONATE
TOXICITY DATA AND REFERENCES:
3F12G30J26 scu-mus LD50:225 mg/kg THERAP 6,65,51

XH6487400 THEOPHYLLINE, 8-(2-PIPERIDYL)-, HYDROCHLORIDE
UPDT 8402 MW: 299.80 MOLFM: C12-H17-N5-O2 Cl-H
SYN: CHLORHYDRATE de PIPERIDYL-2' THEOPHYLLINE (French) * 8-(2-PIPERIDYL)THEOPHYLLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2F13F17 ivn-mus LD50:856 mg/kg APFRAD 22,265,64

XH6487600 THEOPHYLLINE, 8-(3-PIPERIDYL)-, HYDROCHLORIDE
UPDT 8402 MW: 299.80 MOLFM: C12-H17-N5-O2 Cl-H
SYN: CHLORHYDRATE de PIPERIDYL-3' THEOPHYLLINE (French) * 8-(3-PIPERIDYL)THEOPHYLLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1138 mg/kg APFRAD 22,265,64
2F13F17 ivn-mus LD50:142 mg/kg APFRAD 22,265,64

XH6487700 THEOPHYLLINE, 8-(4-PIPERIDYL)-, HYDROCHLORIDE
UPDT 8402 MW: 299.80 MOLFM: C12-H17-N5-O2 Cl-H
SYN: CHLORHYDRATE de PIPERIDYL-4' THEOPHYLLINE (French) * 8-(4-PIPERIDYL)THEOPHYLLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:910 mg/kg APFRAD 22,265,64
2F13F17 ivn-mus LD50:123 mg/kg APFRAD 22,265,64

XH6487800 THEOPHYLLINE, 8-(3-PIPERIDYLMETHYL)THIO-6-THIO-
UPDT 8402 CAS: 73908-83-5 MW: 324.48 MOLFM: C13-H18-N5-O-S2
SYN: 6-THIO-8-(3-PIPERIDINOMETHYL)THIOTHEOPHYLLINE * URIC ACID, 1,3-DIMETHYL-8-(3-PIPERIDYLMETHYL)-6-THIO-
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#04459

XH6493900 THEOPHYLLINE, 8-(3-PYRIDYLMETHYL)-
UPDT 8411 CAS: 28345-99-5 MW: 271.31 MOLFM: C13-H13-N5-O2
TOXICITY DATA AND REFERENCES:
* ivn-mam LD50:250 mg/kg CHTPBA 5,321,70

THEOPHYLLINE SALT of CHOLINE see: GA7420000
THEOPHYLLIN ETHYLENEDIAMINE see: XH5600000
1-(THEOPHYLLIN-7-YL)-AETHYL-2-((2-(p-CHLORPHENOXY)-2-METHYLPROPIONAT) (German) see: UE9516500
1-(THEOPHYLLIN-7-YL)-ETHYL-2-((2-(p-CHLOROPHENOXY)-2-METHYLPROPIONATE) see: UE9516500
THEOSALVOSE see: XH2275000

THEOSTENE see: XH2275000
THEOXYLLINE see: GA7420000
THEPHORIN A-C see: AM4375000
THEPHYLDINE see: XH5600000
THEPTINE see: SI1750000
THERACANZAN see: WO9030000
THERADIAZINE see: WP1925000
THERA-FLUR see: WB0350000
THERA-FLUR-N see: WB0350000
THERALEPTIQUE see: QD9800000
THERAMINE see: MS1050000
THERAPAV see: NW8575000
THERAPOL see: WO8400000
THERAPTIQUE see: QD9800000
THERAZONE see: UQ8225000
THERMACURE see: EL9450000
THERMALOX see: DS4025000
THERMAX see: FF5800000
THERM CHEK 820 see: WH7000000

XH7480000 THERMIA C
DEF:Paraffin base hydrocarbon oil (AITRD3 -,563,79)
UPDT:8323
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/1H MLD AITRD3 -,563,79

THERMINOL FR-1 see: TQ1350000
THERMOCOMP BF see: AT6978000
THERMOASE PC-10 see: CO9550000
THERMOGUARD B see: CC5650000
THERMOGUARD FR see: CC3065000
THERMOGUARD S see: CC5650000
THERMOLITE 831 see: WH6723000
THERMOPLASTIC 125 see: WL6478000

XH7525000 THERMORUBIN
UPDT:8403 CAS: 11006-83-0
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg MEIEDD 10,1329,83

THERUHISTIN HYDROCHLORIDE see: UU8568000
THESAL see: XH2275000
THESAT see: MD0875000
THESIT see: MD0875000
THESODATE see: XH2275000

XH7610000 THESPESIA LAMPAS Dalz., extract excluding roots
DEF:Indian plant belonging to the family MALVACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: RAJBHENDI EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

XH7620000 THESPESIA POPULNEA Soland. ex Correa, fruit extract
DEF:Indian plant belonging to the family MALVACEAE (IJEBA6 6,232,68)
UPDT:8302
SYN: BHENDI FRUIT EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 6,232,68

THETAMID see: WN2800000

XH7649000 THEVETIA PERUVIANA (Pers.) K. Schum., seed extract
DEF:Indian plant belonging to the family APOCYNACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: PILAKANER SEED EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:500 mg/kg IJEBA6 7,250,69

THEVETIGENIN see: FH4975000

XH7670000 THEVETIN
UPDT:8408 CAS: 11018-93-2 MW: 859.08 MOLFM: C42-H66-O18
TOXICITY DATA AND REFERENCES:
ivn-cat LDLo:843 ug/kg ARZNAD 19,657,69
ivn-gpg LDLo:3560 ug/kg ARZNAD 17,1258,67
3G04G10K13 ivn-pgn LDLo:1400 ug/kg AIPTAK 126,412,60

THEVETIN A see: FH5090000
THEVETIN B see: FH5088000
THF see: LU5950000
THFA see: LU2450000
THFP see: MD0907500
THFU see: YR0450000
ThG see: UP0740000
TH 1165a HYDROBROMIDE see: DO1500000
THIABEN see: DE0700000

XH8212000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXAMIDE, 3,3-DIMETHYL-7-OXO-6-(2-PHENYLACETAMIDO)-, TRIHYDRATE
UPDT:8408 MW: 387.50 MOLFM: C16-H19-N3-O3-S .3H2-O
SYN: BENZYLPENICILLINAMIDE TRIHYDRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3 gm/kg AACHAX -,619,67

XH8225000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-AMINO-3,3-DIMETHYL-7-OXO-
UPDT:8401 CAS: 551-16-6 MW: 216.28 MOLFM: C8-H12-N2-O3-S
SYN: 6-AMINOPENICILLANIC ACID * 6-APA * 6-APS * PENICIN * PENIN * PHENACYL 6-AMINOPENICILLINATE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:2600 mg/kg/65W-I BJCAAI 19,392,65
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 22HAAD 6,409,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XH8300000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-((AMINO(4-HYDROXYPHENYL)ACETYL) AMINO)-3,3-DIMETHYL-7-OXO-
UPDT:8403 CAS: 26787-78-0 MW: 365.44 MOLFM: C16-H19-N3-O5-S
SYN: alpha-AMINO-p-HYDROXYBENZYLPENICILLIN * AMOXICILLIN * AMOXIL * 6-(D-(-)-alpha-AMINO-p-HYDROXYPHENYLACETAMIDO)PENICILLANIC ACID * AMPC * AMOXYCILLIN * AMOLIN * AMOPENIXIN * AMOXI * AMOXIPEN * ANEMOLIN * BLP 1410 * BRL 2333 * BRISTAMOX * DELACILLIN * EFPENIX * IBIAMOX * CLAMOXYL * HISTOCILLIN * 6-(p-HYDROXY-alpha-AMINOPHENYLACETAMIDO)PENICILLANIC ACID * p-HYDROXYAMPICILLIN * PIRAMOX * SUMOX
TOXICITY DATA AND REFERENCES:
2K12K30 orl-man TDLo:40 mg/kg/4D LANCAO 2,707,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XH8350000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-(2-AMINO-2-PHENYLACETAMIDO)-3,3- DIMETHYL-7-OXO-, D-(-)-
UPDT:8408 CAS: 69-53-4 MW: 349.44 MOLFM: C16-H19-N3-O4-S
SYN: ACILLIN * ADOBACILLIN * ALPEN * AMBLOSIN * AMCILL * AMFIPEN * AMINOBENZYLPENICILLIN * D-(-)-alpha-AMINOBENZYLPENICILLIN * D-(-)-alpha-AMINOPENICILLIN * 6-(D(-)-alpha-AMINOPHENYLACETAMIDO)PENICILLANIC ACID * AMIPENIX S * AMPERIL * AMPI BOL * AMPICILLIN * D-AMPICILLIN * D-(-)-AMPICILLIN * AMPICILLIN A * AMPICILLIN ACID * AMPICILLIN ANHYDRATE * AMPICIN * AMPIKEL * AMPIMED * AMPIPENIN * AMPLISOM * AMPLITAL * AMPY-PENYL * AUSTRAPEN * AY-6108 * BINOTAL * BONAPICILLIN * BRITACIL * BRL * BRL 1341 * COPHARCILIN * CYMBI * DIVERCILLIN * DOKTACILLIN * GRAMPENIL * GUICITRINA * GUICITRINE * LIFEAMPIL * MARISILAN * NSC-528986 * NUVAPEN * OMNIPEN * P-50 * PENBRISTOL * PENBRITIN * PENBRITIN PAEDIATRIC * PENBRITIN SYRUP * PENBROCK * PENICILLIN, (AMINOPHENYLMETHYL)- * PENICLINE * PENTREX * PENTREXL * PFIZERPEN A * POLYCILLIN * PONECIL * PRINCIPEN * QIDAMP * RO-AMPEN * SEMICILLIN * SK-AMPICILLIN * SYNPENIN * TOKIOCILLIN * TOLOMOL * TOTACILLIN * TOTALCICLINA * TOTAPEN * ULTRABION * ULTRABRON * VICCILLIN * VICCILLIN S * VICILLIN * WY-5103
MUTATION DATA AND REFERENCES:
mmo-esc 10 mg/L NATUAS 271,385,78
dnr-esc 20 uL/plate MUREAV 97,1,82
pic-esc 10 ng/plate CNREA8 43,2819,83
dnr-bcs 100 uL/plate MUREAV 97,1,82
pic-ami 5 ug/plate ZMMPAO 231,369,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T31T34T35 orl-rat TDLo:2500 mg/kg (4-13D preg) BEXBAN 91,169,81
TOXICITY DATA AND REFERENCES:
* unk-rat LD50:10 gm/kg GISAAA 42(9),10,77
2A11F07 ipr-mus LD50:3250 mg/kg EKFMA7 9,83,80
* ivn-mus LD50:4990 mg/kg NIIRDN 6,57,82
3F08F13Q01 ice-mus LD50:380 mg/kg CHTHBK 26,196,80
* unk-mus LD50:28 gm/kg GISAAA 42(9),10,77
* unk-gpg LD50:7500 ug/kg GISAAA 42(9),10,77
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XH8400000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-(2-AMINO-2-PHENYLACETAMIDO)- 3,3-DIMETHYL-7-OXO-, SODIUM SALT, D-(-)-
UPDT:8408 CAS: 69-52-3 MW: 371.42 MOLFM: C16-H18-N3-O4-S .Na
SYN: ALPEN-N * AMCILL-S * D(-)-alpha-AMINOBENZYLPENICILLIN SODIUM SALT * AMPICILLIN SODIUM * AMPICILLIN SODIUM SALT * BINOTAL SODIUM * CITTERAL * DOMICILLIN * OMNIPEN-N * PEN A/N * PENBRITIN-S * PENIALMEN * POLYCILLIN-N * PRINCIPEN/N * SODIUM D-(-)-alpha-AMINOBENZYLPENICILLIN * SODIUM AMIPICILLIN * SODIUM BINOTAL * SODIUM P-50
TOXICITY DATA AND REFERENCES:
2K12K30 orl-wmn TDLo:100 mg/kg/5D LANCAO 2,707,78
ipr-mus LD50:3480 mg/kg TXAPA9 18,185,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: INTEAG 15(1),7,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XH8425000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-(2-AMINO-2-PHENYLACETAMIDO)- 3,3-DIMETHYL-7-OXO-, TRIHYDRATE, D- (-)-
UPDT:8412 CAS: 7177-48-2 MW: 403.50 MOLFM: C16-H19-N3-O4-S .3H2-O
SYN: ACILLIN * AMCAP * AMCILL * AMINOBENZYLPENICILLIN TRIHYDRATE * alpha-AMINOBENZYLPENICILLIN TRIHYDRATE * AMPERIL * AMPICHEL * AMPICILLIN TRIHYDRATE * AMPIKEL * AMPINOVA * AMPLIN * CYMBI * DIVERCILLIN * LIFEAMPIL * MOREPEN * NCI-C56086 * PEN A * PENSYN * POLYCILLIN * PRINCILLIN * PRINCIPEN * RO-AMPEN * TRAFARBIOT * UKOPEN * VIDOPEN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:1500 mg/kg (6-11D preg) ANTBAL 18,815,73
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0278-0045
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XH8450000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-((AMINOPHENYLACETYL)AMINO)-3,3- DIMETHYL-7-OXO-, (2,2-DIMETHYL-1-OXOPROPOXY)METHYL ESTER, HYDROCHLORIDE
UPDT:8403 CAS: 26309-95-5 MW: 500.06 MOLFM: C22-H29-N3-O6-S .Cl-H
SYN: ALPHACILINA * ALPHACILLIN * 6-(D-alpha-AMINOPHENYLACETAMIDO)PENICILLANIC ACID PIVALOYLOXYMETHYL ESTER HYDROCHLORIDE * AMPICILLIN PIVALOYLOXYMETHYL ESTER HYDROCHLORIDE * BEROCILLIN * CENTURINA * DEVONIUM * DIANCINA * INACILIN * MAXIFEN * PIVALOYLOXYMETHYL D-alpha-AMINOBENZYLPENICILLINATE HYDROCHLORIDE * PIVALOYLOXYMETHYL AMPICILLINATE * PIVAMPICILLIN HYDROCHLORIDE * PIVATIL * PONDOCIL * PONDOCILLIN * SANGUICILLIN
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5 gm/kg AACHAX -,341,70
scu-rat LD50:4500 mg/kg AACHAX -,341,70
orl-mus LD50:3340 mg/kg AACHAX -,341,70
scu-mus LD50:3600 mg/kg AACHAX -,341,70

XH8490000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-((AMINOPHENYLACETYL)AMINO)-3,3- DIMETHYL-7-OXO-, 1-((ETHOXYCARBONYL)OXY)ETHYL ESTER, HYDROCHLORIDE
UPDT:8407 CAS: 37661-08-8 MW: 502.03 MOLFM: C21-H27-N3-O7-S .Cl-H
SYN: AMBACAMP * AMBAXIN * BACACIL * BACAMPICILLIN HYDROCHLORIDE * BAPC * BECAMPICILLIN * PENGLOBE * SPECTROBID
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:176 mg/kg NIIRDN 6,575,82
orl-mus LD50:8529 mg/kg NKRZAZ 27(S),17,79
ipr-mus LD50:176 mg/kg NKRZAZ 27(S),17,79
scu-mus LD50:9475 mg/kg NKRZAZ 27(S),17,79
ivn-mus LD50:184 mg/kg NKRZAZ 27(S),17,79

XH8495000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-(2-(p-BENZYLPHENOXY)ACETAMIDO)-3,3- DIMETHYL-7-OXO-, POTASSIUM SALT
UPDT:8308 MW: 477.63 MOLFM: C23-H22-N2-O5-S .K
SYN: POTASSIUM 4-BENZYLPHENOXYMETHYLPENICILLIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:260 mg/kg ANTCAO 8,99,58
* ivn-mus LD50:182 mg/kg ANTCAO 8,99,58

XH8575000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-(2-BIPHENYLCARBOXAMIDO)-3,3-DIMETHYL- 7-OXO-, MONOSODIUM SALT
UPDT:8412 CAS: 304-43-8 MW: 419.48 MOLFM: C21-H20-N2-O4-S .Na
SYN: ANCILLIN * BIPHENICILLIN * 2-BIPHENYLPENICILLIN * 2-BIPHENYLPENICILLIN SODIUM * DIPHENICILLIN * PENICILLIN, (2-BIPHENYLYL)- * SKF 12141
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5600 mg/kg 85ERAY 3,1663,78
ivn-mus LD50:1030 mg/kg FATOAO 31,232,68

XH8670000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-(3-(2-CHLORO-6-FLUOROPHENYL)-5- METHYL-4-ISOXAZOLECARBOXAMIDO)-3,3-DIMETHYL-7-OXO-, SODIUM SALT, MONOHYDRATE
UPDT:8405 CAS: 34214-51-2 MW: 494.91 MOLFM: C19-H17-Cl-F-N3-O5-S .Na .H2-O
SYN: 6-(3-(2-CHLORO-6-FLUOROPHENYL)-5-METHYL-4-ISOXAZOLECARBOXAMIDO)PENICILLANIC ACID SODIUM SALT * 3-(2-CHLORO-6-FLUOROPHENYL)-5-METHYL-4-ISOXAZOLYLPENICILLIN SODIUM MONOHYDRATE * CULPEN * FLOXACILLIN SODIUM MONOHYDRATE * FLOXAPEN * FLUCLOXACILLIN SODIUM MONOHYDRATE * STAPHYLEX
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3800 mg/kg MEIEDD 10,589,83
* scu-mus LD50:2200 mg/kg MEIEDD 10,589,83

XH8680000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-(((3-(2-CHLORO-6-FLUOROPHENYL)- 5-METHYL-4-ISOXAZOLYL)CARBONYL)AMINO)-3,3-DIMETHYL-7-OXO-, MONOSODIUM SALT, (2S-(2-alpha, 5-alpha,6-beta))-
UPDT:8305 CAS: 1847-24-1 MW: 475.88 MOLFM: C19-H16-Cl-F-N3-O5-S Na
SYN: FLOXACILLIN SODIUM * FLOXAPEN SODIUM * FLUCLOXACILLIN SODIUM * FLUCLOXACILLIN SODIUM SALT * 5-METHYL-3-(2-CHLORO-6-FLUOROPHENYL)-4-ISOXAZOLYLPENICILLIN SODIUM * MFI-PC * MONOSODIUM FLUCLOXACILLIN * SODIUM FLUCLOXACILLIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	orl-rat TDLo:6 gm/kg (9-14D preg)	NKRZAZ 17,1523,69
1T34	orl-rat TDLo:12 gm/kg (9-14D preg)	NKRZAZ 17,1523,69
2T34T35	orl-mus TDLo:6 gm/kg (7-12D preg)	NKRZAZ 17,1523,69

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:11 gm/kg	NIIRDN 6,697,82
*	ipr-rat LD50:1100 mg/kg	NIIRDN 6,697,82
*	scu-rat LD50:2800 mg/kg	NIIRDN 6,697,82
*	ivn-rat LD50:680 mg/kg	NIIRDN 6,697,82
*	orl-mus LD50:7600 mg/kg	NIIRDN 6,697,82
*	ipr-mus LD50:1350 mg/kg	NIIRDN 6,697,82
2F12F18	scu-mus LD50:1450 mg/kg	NKRZAZ 17,1523,69
*	ivn-mus LD50:1360 mg/kg	NIIRDN 6,697,82
3F12J25K13	ivn-dog LD50:670 mg/kg	NKRZAZ 17,1523,69
2F07J25	ivn-rbt LD50:710 mg/kg	NKRZAZ 17,1523,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XH8920000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-(3-(o-CHLOROPHENYL)-5-METHYL-4- ISOXAZOLECARBOXAMIDO)-3,3-DIMETHYL-7-OXO-, SODIUM SALT, MONOHYDRATE
UPDT:8403 CAS: 7081-44-9 MW: 475.91 MOLFM: C19-H17-Cl-N3-O5-S Na H2-O
SYN: BACTOPEN * BRL-1621 * CLOXACILLIN SODIUM MONOHYDRATE * CLOXAPEN * CLOXYPEN * EKVACILLIN * GELSTAPH * METHOCILLIN-S * ORBENIN SODIUM HYDRATE * P-25 * PROSTAPHLIN-A * SODIUM CLOXACILLIN MONOHYDRATE * STAPHOBRISTOL-250 * STAPHYBIOTIC * TEGOPEN * TEPOGEN

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:5 gm/kg	NIIRDN 6,232,82
*	ipr-rat LD50:1600 mg/kg	NIIRDN 6,232,82
*	scu-rat LD50:4200 mg/kg	NIIRDN 6,232,82
*	ivn-rat LD50:1660 mg/kg	NIIRDN 6,232,82
*	ims-rat LD50:2600 mg/kg	NIIRDN 6,232,82
*	orl-mus LD50:5 gm/kg	NIIRDN 6,232,82
*	ipr-mus LD50:1170 mg/kg	NIIRDN 6,232,82
*	ivn-mus LD50:1100 mg/kg	NIIRDN 6,232,82
*	ims-mus LD50:1220 mg/kg	NIIRDN 6,232,82

XH8921000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-(2-(3,4-DICHLOROPHENYL)-2- METHOXYACETAMIDO)-3,3-DIMETHYL-7-OXO-, SODIUM SALT
UPDT:8308 MW: 455.31 MOLFM: C17-H17-Cl2-N2-O5-S Na
SYN: CLOMETACILLIN SODIUM * CLOMETHACILLIN SODIUM * CLOMETHOCILLIN SODIUM * CLOMETOCILLIN SODIUM * 3,4-DICHLORO-alpha-METHOXYBENZYL PENICILLIN SODIUM * PENICILLIN 356 SODIUM * RIXAPEN SODIUM

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:711 mg/kg	ANTCAO 12,192,62
*	ivn-mus LD50:468 mg/kg	ANTCAO 12,192,62

XH8925000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-(3-(2,6-DICHLOROPHENYL)-5-METHYL- 4-ISOXAZOLECARBOXAMIDO)-3,3-DIMETHYL-7-OXO-, MONOSODIUM SALT MONOHYDRATE
UPDT:8403 CAS: 13412-64-1 MW: 510.35 MOLFM: C19-H16-Cl2-N3-O5-S Na H2-O
SYN: BRISPEN * BRL-1702 * BLP-1011 * CONSTAPHYL * 3-(2,6-DICHLOROPHENYL)-5-METHYL-4-ISOXAZOLYL PENICILLIN SODIUM MONOHYDRATE * DICHLOR-STAPENOR * DICLOCIL * DICLOXACILLIN, SODIUM * DICLOXACILLIN SODIUM SALT * DYCILL * DYNAPEN * MDI-PC * NOXABEN * P 1011 * PATHOCIL * PEN-SINT * SODIUM DICLOXACILLIN * SODIUM DICLOXACILLIN MONOHYDRATE * STAMPEN * STAPHCILLIN A BANYU * SYNTARPEN * VERACILLIN

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:3580 mg/kg	TXAPA9 18,185,71
*	ipr-rat LD50:630 mg/kg	ARZNAD 15,322,65
	ivn-rat LD50:520 mg/kg	JJANAX 21,274,68
	orl-mus LD50:4560 mg/kg	JJANAX 21,274,68
	ipr-mus LD50:1000 mg/kg	JJANAX 21,274,68
	scu-mus LD50:1100 mg/kg	JJANAX 21,274,68
	ivn-mus LD50:875 mg/kg	JJANAX 21,274,68
	ivn-rbt LD50:600 mg/kg	JJANAX 21,274,68

XH8952000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-6-(2-AMINO-2-PHENYL ACETAMIDO)-7-OXO-, 3-OXO-1-PHTHALANYL ESTER, HYDROCHLORIDE
UPDT:8305 MW: 519.03 MOLFM: C24-H24-N3-O6-S Cl-H

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:786 mg/kg	IYKEDH 8,439,77

XH9000000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-6-(((5-METHYL-3-PHENYL-4- ISOXAZOLECARBOXAMIDE)-7-OXO-
UPDT:8412 CAS: 66-79-5 MW: 401.47 MOLFM: C19-H19-N3-O5-S
SYN: BRL 1400 * MPI-PC * MPI-PENICILLIN * OXACILLIN * OXAZOCILLIN * PENICILLIN, (5-METHYL-3-PHENYL-4-ISOXAZOLYL)- * PENICILLIN P-12 * PROSTAPHLYN

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:1500 mg/kg	ARZNAD 15,322,65
*	unk-rat LD50:10 gm/kg	GISAAA 42(9),10,77
*	orl-mus LD50:6500 mg/kg	85GMAT -,95,82
	ivn-mus LD50:1500 mg/kg	ARZNAD 15,322,65
*	unk-mus LD50:28 gm/kg	GISAAA 42(9),10,77
	orl-cat LDLo:750 mg/kg	ARZNAD 15,322,65
*	unk-gpg LD50:120 mg/kg	GISAAA 42(9),10,77

XH9100000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-6-(5-METHYL-3-PHENYL- 4-ISOXAZOLECARBOXAMIDO)-7-OXO-, MONOSODIUM SALT
UPDT:8403 CAS: 1173-88-2 MW: 423.45 MOLFM: C19-H18-N3-O5-S Na
SYN: BACTOCILL * BRISTOPEN * BRL 1400 * CRYPTOCILLIN * 5-METHYL-3-PHENYL-4-ISOXAZOLYL PENICILLIN, SODIUM * MICROPENIN * OXABEL * OXACILLIN SODIUM * OXACILLIN SODIUM SALT * P 12 * PENICILLIN P-12 * PENSTAPHO * PENSTAPHOCID * PROSTAPHILIN * RESISTOPEN * RESISTOPHEN * SODIUM OXACILLIN * SQ 16423 * STAPENOR * STAPHCILLIN V * V-CILLIN K

TOXICITY DATA AND REFERENCES:

1L14	ivn-hmn TDLo:1200 mg/kg/7D	AIMDAP 138,915,78
*	scu-rat LD50:3900 ug/kg	NIIRDN 6,147,82
*	ivn-rat LD50:2150 ug/kg	NIIRDN 6,147,82
*	scu-mus LD50:2600 ug/kg	NIIRDN 6,147,82
	ivn-mus LD50:1399 mg/kg	FATOAO 31,232,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XH9165000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-6-(((((3-(METHYLSULFONYL)- 2-OXO-1-IMIDAZOLIDINYL)CARBONYL)AMINO)PHENYLACETYL)AMINO)-7-OXO-,MONOSODIUM SALT, HYDRATE, (2S-(2-alpha,5-alpha,6-beta-(S*)))-
UPDT:8412 CAS: 42057-22-7 MW: 579.63 MOLFM: C21-H24-N5-O8-S2 Na H2-O
SYN: MEZLOCILLIN SODIUM HYDRATE * SODIUM MEZLOCILLIN HYDRATE

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:2636 mg/kg	IYKEDH 13,637,82
*	ivn-mus LD50:6329 mg/kg	IYKEDH 13,637,82

XH9275000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-7-OXO-6-(2-PHENOXY- ACETAMIDO)-, MONOPOTASSIUM SALT
UPDT:8412 CAS: 132-98-9 MW: 388.51 MOLFM: C16-H17-N2-O5-S K
SYN: ANTIBIOCIN * APSIN VK * ARCACIL * ARCASIN * BEROMYCIN * BEROMYCIN 400 * BEROMYCIN (PENICILLIN) * BETAPEN-VK * CALCIOPEN K * CLIACIL * COMPOCILLIN-VK * DISTAKAPS V-K * DISTAQUAINE V-K * DOWPEN V-K * DQV-K * FENOXYPEN * ISOCILLIN * ICIPEN * ISPENORAL * LEDERCILLIN VK * MEGACILLIN ORAL * ORACIL-VK * ORAPEN * OSPENEFF * PEDIPEN * PENAGEN * PENCOMPREN * PENICILLIN POTASSIUM PHENOXYMETHYL * PENICILLIN V POTASSIUM * PENICILLIN V POTASSIUM SALT * PEN-VEE-K * PEN-VEE-K POWDER * PEN-V-K POWDER * PENVIKAL * PFIZERPEN VK * D-alpha-PHENOXYMETHYLPENICILLINATE K SALT * PHENOXYMETHYLPENICILLIN POTASSIUM * POTASSIUM PENICILLIN V * POTASSIUM PENICILLIN V SALT * POTASSIUM PHENOXYMETHYLPENICILLIN * PVK * QIDPEN VK * ROBICILLIN VK * ROCILLIN-VK * ROSCOPENIN * SK-PENICILLIN VK * STABILLIN VK SYRUP 125 * STABILLIN VK SYRUP 62.5 * SUMAPEN VK * SUSPEN * V-CIL-K * UTICILLIN VK * V-CILLIN K * VEETIDS * VEPEN

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1040 mg/kg	TXAPA9 18,185,71
*	ipr-rat LD50:1750 mg/kg	ARZNAD 12,751,62
*	ipr-mus LD50:1351 mg/kg	NIIRDN 6,661,82
*	ivn-mus LD50:1000 mg/kg	ARZNAD 12,751,62

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

XH9320000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-7-OXO-6-((PHENOXYPHENYL ACETYL)AMINO)-, MONOPOTASSIUM SALT
UPDT:8403 CAS: 1177-30-6 MW: 464.61 MOLFM: C22-H21-N2-O5-S K
SYN: D.C.(B).L. 306 * FENBENICILLIN POTASSIUM SALT * PENSPEK * PHENBENICILLIN * PHENOXYBENZYLPENICILLIN * alpha-PHENOXYBENZYLPENICILLIN POTASSIUM * 6-(alpha-PHENOXYPHENYLACETAMIDO)PENICILLANIC ACID POTASSIUM SALT * POTASSIUM (6-alpha-PHENOXY-alpha-PHENYLACETAMIDO)PENICILLANATE

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:3000 mg/kg	85ESA3 9,936,76
	ipr-mus LD50:520 mg/kg	85ESA3 9,936,76
	ivn-mus LD50:225 mg/kg	85ESA3 9,936,76

XH9400000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-7-OXO-6- (2-PHENYLACETAMIDO)-
UPDT:8411 CAS: 61-33-6 MW: 334.42 MOLFM: C16-H18-N2-O4-S
SYN: ABBOCILLIN * BENZOPENICILLIN * BENZYL-6-AMINOPENICILLINIC ACID * BENZYLPENICILLIN * (5R,6R)-BENZYLPENICILLIN * BENZYLPENICILLIN G * BENZYLPENICILLINIC ACID * CILLORAL * CILOPEN * COMPOCILLIN G * COSMOPEN * DROPCILLIN * FREE BENZYLPENICILLIN * FREE PENICILLIN G * FREE PENICILLIN II * GALOFAK * GELACILLIN * LIQUACILLIN * PENCILLIN G * PENICILLIN G * PENICILLINIC ACID, BENZYL- * PHARMACILLIN * PHENYLACETAMIDOPENICILLANIC ACID * (PHENYLMETHYL)PENICILLIN * (PHENYLMETHYL)PENICILLINIC ACID * PRADUPEN * SPECILLINE G

MUTATION DATA AND REFERENCES:

	dnr-esc 20 uL/disc	MUREAV 97,1,82
	dnr-bcs 100 uL/plate	MUREAV 97,1,82
	mmo-smi 12 ug/L	ARMKA7 81,1,72

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-rat TDLo:2600 mg/kg/65W-I	BJCAAI 17,100,63

TOXICITY DATA AND REFERENCES:

	unk-rat LD50:9 gm/kg	ANTBAL 23,317,78
*	ipr-mus LD50:3500 mg/kg	AACHAX -,619,67
	ivn-mus LD50:329 mg/kg	BCPCA6 16,1365,67
	ice-mus LD50:5700 ug/kg	JLCMAK 34,126,49
	unk-mus LD50:7800 mg/kg	ANTBAL 23,317,78
	ice-rbt LD50:1118 ug/kg	JLCMAK 34,126,49
	isp-dog LD50:4940 ug/kg	JLCMAK 34,126,49
	ice-rbt LD50:653 ug/kg	JLCMAK 34,126,49
*	unk-gpg LD50:38 mg/kg	GISAAA 42(9),10,77
	orl-ham LD50:24 mg/kg	TXAPA9 14,510,69
	scu-ham LD50:96 mg/kg	TXAPA9 14,510,69

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XH9410000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-7-OXO- 6-(2-PHENYLACETAMIDO)-, AMMONIUM SALT
UPDT:8308 MW: 351.46 MOLFM: C16-H17-N2-O4-S N-H4
SYN: BENZYLPENICILLIN AMMONIUM * PENICILLIN G AMMONIUM

TOXICITY DATA AND REFERENCES:

3F12H08J30	orl-rat LD50:8855 mg/kg	ANTCAO 9,739,59
3F12J30U01	orl-mus LD50:8222 mg/kg	ANTCAO 9,739,59

XH9425000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-7-OXO-6- (2-PHENYLACETAMIDO)-, compd. with N,N'-DIBENZYLETHYLENEDIAMINE (2:1)
UPDT:8408 CAS: 1538-09-6 MW: 909.22 MOLFM: C32-H36-N4-O8-S2 C16-H20-N2
SYN: BEACILLIN * BEN-P * BENZACILLIN * BENZATHINE BENZYLPENICILLIN * BENZATHINE PENICILLIN * BENZATHINE PENICILLIN G * BENZETHACIL * BENZYLPENICILLIN BENZATHINE * BENZYLPENCILLIN DIBENZYLETHYLENEDIAMINE SALT * BICA-PENICILLIN * BICILLIN * CEPACILINA * CEPACILLINA * CILLENTA * DBED DIPENICILLIN G * DBED PENICILLIN * DEBECILLIN * DEBECYLINA * DIAMINE PENICILLIN * DIAMINOCILLINA * DIBENCIL * DIBENCILLIN * N,N'-DIBENZYLETHYLENEDIAMINE BIS(BENZYL PENICILLIN) * DIBENZYLETHYLENEDIAMINE-DI-PENICILLIN G * N,N'-DIBENZYLETHYLENEDIAMINE, compounded with PENICILLIN G (1:2) * N,N'-DIBENZYLETHYLENEDIAMINE SALT of BENZYLPENICILLIN * DIPO-SAFT * DURABIOTIC * DURAPENITA * DUROPENIN * ETHYLENEDIAMINE, N,N'-DIBENZYL-, compd. with PENICILLIN G (1:2) * EXTENCILLINE * EXTENICILLINE * LENTOCILLIN * LENTOPENIL * LEOMYPEN * LONGACIL'NA * LONGICIL * LPG * MEGACILLIN SUSPENSION * MOLDAMIN * NCI-C56100 * NEOLIN * PENADUR * PENADUR L-A * PENDEPON * PEN-DI-BEN * PENDITAN * PENDURAN * PENICILLIN G, BENZATHINE * PENICILLIN G, compd. with N,N'-DIBENZYLETHYLENEDIAMINE (2:1) * PENICILLIN G SALT of N,N'-DIBENZYLETHYLENEDIAMINE * PENIDURAL * PENIDURE * PENILENTE * PERMAPEN * RETARPEN * TARDOCILLIN * VETARCILLIN * VICIN * WYCILLINA

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	par-rat TDLo:22905 ug/kg (4D preg)	BEXBAN 82,1076,76

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:2000 mg/kg	NIIRDN 6,774,82
*	ipr-mus LD50:460 mg/kg	NIIRDN 6,774,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XH9450000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXILIC ACID, 3,3-DIMETHYL-7-OXO-6-(2-PHENYLACET AMIDO)-, compd. with 2-(DIETHYLAMINO)ETHYL p-AMINOBENZOATE (1:1), MONOHYDRATE
UPDT:8403 CAS: 6130-64-9 MW: 588.79 MOLFM: C16-H18-N2-O4-S C13-H20-N2-O2 H2-O

SYN: ABBOCILLIN-DC * AFSILLIN * AMPIN-PENICILLIN * AQUACILLIN * AQUASUSPEN * AVLOPROCIL * BENZYLPENICILLINIC ACID PROCAINE SALT * BENZYLPENICILLIN PROCAINE MONOHYDRATE * BENZYLPENICILLIN PROCAINE SALT * CILICAINE * CRYSTICILLIN * DEPO-PENICILLIN * DESPACILINA * DISTAQUAINE * DIURNAL-PENICILLIN * DORSALLIN A.R. * DURACILLIN * ESKACILLIN * FLO-CILLIN * FLO-CILLIN AQUEOUS * HYDRACILLIN * HYPERCILLIN * ILCOCILLIN P * KABIPENIN * LEDERCILLIN * LENTICILLIN * LENTOPEN * MEGAPEN * MYLIPEN * NEOPROC * NOVOCAINE PENICILLIN * PARENCILLIN * PENAQUACAINE G * PEN-FIFTY * PENLATOR * PENICILLIN G compd. with 2-(DIETHYLAMINO)ETHYL p-AMINOBENZOATE * PENICILLIN G PROCAINE * PFIZERPEN-AS * PREMOCILLIN * PROCAINE BENZYLPENICILLINATE * PROCAINE PENICILLIN G * PROCANODIA * PRO-PEN * SHARCILLIN * WYCILLIN

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:97 mg/kg	ANTCAO 5,152,55
	ipr-mus LD50:146 mg/kg	RPOBAR 2,306,70
	scu-mus LD50:2300 mg/kg	ARZNAD 1,28,51
*	ivn-mus LD50:70 mg/kg	85ESA3 9,1005,76
*	ivn-rbt LD50:70 mg/kg	ANTCAO 5,152,55

XH9460000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-7-OXO-6- (2-PHENYLACETAMIDO)-, compd. with alpha,alpha'-(ETHYLENEDIIMINO)DI-o-CRESOL

UPDT:8402 CAS: 3841-12-1 MW: 941.22 MOLFM: C16-H20-N2-O2 . 2C16-H18-N2-O4-S

SYN: OXYBICILLIN

TOXICITY DATA AND REFERENCES:

1F12	ipr-mus LD50:153 mg/kg	ANTBAL 5(1),14,60
1F12	scu-mus LD50:360 mg/kg	ANTBAL 5(1),14,60

XH9700000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-7-OXO-6- (2-PHENYLACETAMIDO)-, MONOPOTASSIUM SALT

UPDT:8406 CAS: 113-98-4 MW: 372.51 MOLFM: C16-H17-N2-O4-S . K

SYN: BENZYLPENICILLINIC ACID POTASSIUM SALT * BENZYLPENICILLIN POTASSIUM * BENZYLPENICILLIN POTASSIUM SALT * CILLORAL * COSMOPEN * CRISTAPEN * CRYSTAPEN * ESKACILLIN * FALAPEN * FORPEN * HIPERCILINA * HYASORB * HYLENTA * MEGACILLIN TABLETS * MONOPEN * NOTARAL * PENALEV * PENICILLIN G POTASSIUM * PENICILLIN G POTASSIUM SALT * PENISEM * PENTID * PENTIDS * PFIZERPEN * POTASSIUM BENZYLPENICILLIN * POTASSIUM BENZYLPENICILLINATE * POTASSIUM BENZYLPENICILLIN G * POTASSIUM PENICILLIN G * POTASSIUM SALT of BENZYLPENICILLIN * QIDPEN G * SCOTCIL * SK-PENICILLIN G * SUGRACILLIN * TABILIN * TU CILLIN

MUTATION DATA AND REFERENCES:

	spm-rat-unk 200 mg/kg/8D	JOURAA 112,348,74

TOXICITY DATA AND REFERENCES:

3F07F33K12	orl-rat LD50:6700 mg/kg	AIPTAK 123,295,60
1K12	scu-rat LD50:11250 mg/kg	TXAPA9 9,445,66
1F13	orl-mus LD50:6257 mg/kg	AIPTAK 125,83,60
*	ivn-mus LD50:400 mg/kg	ANTCAO 12,192,62
3F08J25U26	orl-rbt LD50:5848 mg/kg	ANTCAO 10,376,60
3F07F15F16	orl-gpg LDLo:1 gm/kg	ANTCAO 5,463,55
3i07F15F16	ipr-gpg LDLo:500 mg/kg	ANTCAO 5,463,55
	ivn-gpg LD50:303 mg/kg	RPOBAR 2,306,70

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

XH9800000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-7-OXO-6-(2-PHENYL ACETAMIDO)-, MONOSODIUM SALT

UPDT:8402 CAS: 69-57-8 MW: 356.40 MOLFM: C16-H17-N2-O4-S . Na

SYN: AMERICAN PENICILLIN * BENZYLPENICILLINIC ACID SODIUM SALT * BENZYLPENICILLIN SODIUM * BENZYLPENICILLIN SODIUM SALT * CRYSTAPEN * MYCOFARM * NOVOCILLIN * PEN-A-BRASIVE * PENICILLIN-G, MONOSODIUM SALT * PENICILLIN G SODIUM * PENICILLIN G, SODIUM SALT * PENILARYN * SODIUM BENZYLPENICILLIN * SODIUM BENZYLPENICILLIN G * SODIUM BENZYLPENICILLINATE * SODIUM PENICILLIN * SODIUM PENICILLIN G * SODIUM PENICILLIN II * VETICILLIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	orl-rat TDLo:1500 mg/kg (6-11D preg)	ANTBAL 18,815,73
1T34	scu-rat TDLo:1500 mg/kg (1-5D preg)	ANTBAL 18,815,73
1T81	scu-mus TDLo:30 mg/kg (14D preg)	CRSBAW 158,528,64

TUMORIGENIC DATA AND REFERENCES:

3V03P62V10	scu-rat TDLo:1840 mg/kg/46W-I	BJCAAI 15,85,61

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:6916 mg/kg	AMPMAR 39,259,78
*	par-rat LD50:2900 ug/kg	AACHAX ,863,65
	scu-mus LD50:5000 mg/kg	ARZNAD 9,31,59
	ivn-mus LD50:1500 mg/kg	ARZNAD 9,31,59
	ims-mus LD50:2800 mg/kg	ARZNAD 9,31,59
*	ice-mus LD50:5600 ug/kg	AACHAX ,863,65
*	ims-gpg LDLo:60 mg/kg	LBASAE 30,524,80

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XH9802000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-7-OXO-6-((PHENYLACETYL) AMINO)-, (2S-(2-alpha,5-alpha,6-beta))-, compd. with 2,5-DIPHENYLPIPERAZINE (2:1)

UPDT:8402 CAS: 7009-88-3 MW: 953.40 MOLFM: C32-H36-N4-O8-S2 . C16-H36-N4

SYN: ALFADRYL * PENICILLINATE de 2,5-DIPHENYL PIPERAZINE (French) * PENIRAZINE * PHENYRACILLIN * PHENYRACILLINE (French)

TOXICITY DATA AND REFERENCES:

3F12F23F43	ipr-mus LD50:450 mg/kg	APFRAD 16,125,58

XH9802500 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-7-OXO-6-((PHENYLACETYL) AMINO)- (2S-(2-alpha,5-alpha,6-beta)-, compd. with alpha-PHENYLBENZENEMETHANAMINE, HYDROCHLORIDE (1:1:1)

UPDT:8402 CAS: 1538-11-0 MW: 554.15 MOLFM: C16-H18-N2-O4-S . C13-H13-N . Cl-H

SYN: BENZHYDRYLAMINE PENICILLIN HYDROCHLORIDE * CHLORHYDRATE du PENICILLATE de BENZHYDRYLAMINE (French) * ORENCIL HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F01F17F24	ipr-rat LD50:200 mg/kg	APFRAD 12,565,54
2F11F12	ivn-mus LD50:40 mg/kg	APFRAD 12,565,54

XH9890000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-7-OXO-6-(2-PHENYL-2- SULFOACETAMIDO)-, DISODIUM SALT

UPDT:8408 CAS: 28002-18-8 MW: 458.44 MOLFM: C16-H16-N2-O7-S2 . 2Na

SYN: DISODIUM SULBENICILLIN * DISODIUM SULFOBENZYLPENICILLIN * DISODIUM alpha-SULFOBENZYLPENICILLIN * KEDACILLIN * LILACILLIN * SULBENICILLIN * SULBENICILLIN DISODIUM * SULFOBENZYLPENICILLIN * alpha-SULFOBENZYLPENICILLIN DISODIUM * SULFOCILLIN * SULPELIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	ipr-rat TDLo:14 gm/kg (9-15D preg)	TAKHAA 30,322,71
1T46	ipr-mus TDLo:4800 mg/kg (8-13D preg)	TAKHAA 30,322,71

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:7500 mg/kg	TAKHAA 30,322,71
*	ivn-rat LD50:6000 mg/kg	NIIRDN 6,393,82
*	ims-rat LD50:8300 mg/kg	NIIRDN 6,393,82
*	ipr-mus LD50:10 gm/kg	TAKHAA 30,322,71
*	ivn-mus LD50:7900 mg/kg	MEIEDD 10,1274,83
*	ims-mus LD50:10500 mg/kg	NIIRDN 6,393,82
3D28F23J22	ivn-mky LD50:15 gm/kg	TAKHAA 34,405,75

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI0180000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-(((((4-ETHYL-2,3-DIOXO-1-PIPERAZINYL) CARBONYL)AMINO)PHENYLACETYL)AMINO)-3,3-DIMETHYL-7-OXO-, MONOSODIUM SALT, (2S-(2-alpha,5-alpha,6-beta(S*)))-

UPDT:8403 CAS: 59703-84-3 MW: 540.60 MOLFM: C23-H27-N5-O7-S . Na

SYN: CL 227193 * PIPERACILLIN SODIUM * PIPRACIL * PIPRIL * SODIUM PIPERACILLIN * T 1220

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	ivn-mus TDLo:10 gm/kg (6-15D preg)	NKRZAZ 25,915,77

TOXICITY DATA AND REFERENCES:

3F12F17J26	ipr-rat LD50:7600 mg/kg	NKRZAZ 25,816,77
*	scu-rat LD50:8800 mg/kg	IYKEDH 10,884,79
*	ivn-rat LD50:2260 mg/kg	IYKEDH 10,884,79
3F12F17J26	ipr-mus LD50:9770 mg/kg	NKRZAZ 25,816,77
3F12F17J26	ivn-mus LD50:4900 mg/kg	NKRZAZ 25,816,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI0185000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-(((HEXAHYDRO-1H-AZEPIN-1-YL)METHYLENE) AMINO)-3,3-DIMETHYL-7-OXO-, (+)-

UPDT:8403 CAS: 32887-01-7 MW: 325.47 MOLFM: C15-H23-N3-O3-S

SYN: AMDINOCILLIN * FL 1060 * HEXACILLIN * 6-((HEXAHYDRO-1H-AZEPIN-1-YL)METHYLENEAMINO)PENICILLANIC ACID * MECILLINAM * PENICILLIN HX * Ro 10-9070 * SELEXIDIN

TOXICITY DATA AND REFERENCES:

1P30	ipr-mus LD50:3500 mg/kg	EKFMA7 9,91,80
1P30	ivn-mus LD50:1250 mg/kg	EKFMA7 9,91,80

XI0187000 4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-(((HEXAHYDRO-1H-AZEPIN-1-YL) METHYLENE)AMINO)-3,3-DIMETHYL-7-OXO-, HYDROXYMETHYL ESTER, PIVALATE (ester), MONOHYDROCHLORIDE, (+)-

UPDT:8403 CAS: 32887-03-9 MW: 476.09 MOLFM: C21-H33-N3-O5-S . Cl-H

SYN: FL 1039 * MELYSIN * PIVMECILLINAM HYDROCHLORIDE * SELEXID

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:9500 mg/kg	NIIRDN 6,632,82
*	scu-rat LD50:2100 mg/kg	IYKEDH 9,1066,78
*	ivn-rat LD50:465 mg/kg	IYKEDH 9,1066,78
*	orl-mus LD50:3020 mg/kg	NIIRDN 6,632,82
*	scu-mus LD50:1930 mg/kg	IYKEDH 9,1066,78
*	ivn-mus LD50:475 mg/kg	IYKEDH 9,1066,78

XI0250000 5-THIA-1-AZABICYCLO(4,2,0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-((ACETYLOXY)METHYL)-7-(((2-AMINO- 4-THIAZOLYL)(METHOXYIMINO)ACETYL)AMINO)-8-OXO-, (6R-(6-alpha,7-beta(Z))), SODIUM SALT

UPDT:8408 CAS: 64485-93-4 MW: 477.48 MOLFM: C16-H16-N5-O7-S2 . Na

SYN: CEFATOXIME SODIUM * CEFOTAXIME SODIUM * CTX * HR 756 * SODIUM 7-(2-(2-AMINO-4-THIAZOLYL)-2-METHOXYIMINOACETAMIDO)CEPHALOSPORANATE * RU 24756

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	ivn-rbt TDLo:325 mg/kg (6-18D preg)	OYYAA2 21,375,81

TOXICITY DATA AND REFERENCES:

3F15F19J30	orl-rat LD50:20 gm/kg	NKRZAZ 28(Suppl 1),98,80
3F15F19J30	ipr-rat LD50:10 gm/kg	NKRZAZ 28(Suppl 1),98,90
3F15F19J30	scu-rat LD50:18400 mg/kg	NKRZAZ 28(Suppl 1),98,80
*	ivn-rat LD50:7000 mg/kg	NIIRDN 6,APP-8,82
3F15F19J30	ims-rat LD50:2000 mg/kg	NKRZAZ 28(Suppl 1),98,80
3F15F19J30	orl-mus LD50:20 gm/kg	NKRZAZ 28(Suppl 1),98,80
*	ipr-mus LD50:10 gm/kg	NIIRDN 6,APP-8,82
*	scu-mus LD50:12950 mg/kg	NIIRDN 6,APP-8,82
3F15F19J30	ivn-mus LD50:8350 mg/kg	NKRZAZ 28(Suppl 1),98,80
3F15F19J30	ivn-rbt LD50:1880 mg/kg	NKRZAZ 28(Suppl 1),98,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI0329000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-(((AMINOCARBONYL)OXY)METHYL)-7-((2-FURANYL(METHYOXYIMINO)ACETYL)AMINO)-8-OXO-, (6R-(6-alpha,7-beta(Z)))-

UPDT:8408 CAS: 55268-75-2 MW: 424.42 MOLFM: C16-H16-N4-O8-S

SYN: CEFUROXIM * CEFUROXIME * CEPHUROXIME * CXM * ZINACEF

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T34T46T87	scu-rat TDLo:8800 mg/kg (7-17D preg)	NKRZAZ 27(Suppl 6),245,79
1T02	scu-rat TDLo:24 gm/kg (60D male)	NKRZAZ 27(Suppl 6),245,79
1T26	scu-rat TDLo:32 gm/kg (9W male/2W pre/1-7D preg)	NKRZAZ 27(Suppl 6),245,79
1T31	scu-rat TDLo:4400 mg/kg (7-17D preg)	NKRZAZ 27(Suppl 6),245,79

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:10400 mg/kg	DRUGAY 17,233,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI0330500 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-(((AMINOCARBONYL)OXY)METHYL-7- METHOXY-8-OXO-7-((2-THIENYLACETYL)AMINO)-, MONOSODIUM SALT, (6R-cis)-

UPDT:8403 CAS: 33564-30-6 MW: 449.46 MOLFM: C16-H16-N3-O7-S2 . Na

SYN: CEFOXOTIN SODIUM * CEFOXITIN SODIUM SALT * CENOMYCIN * MEFOXIN * MEFOXITIN * MERXIN * MONOSODIUM CEFOXITIN

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:8580 mg/kg	IYKEDH 11,181,80
*	ivn-mus LD50:5100 mg/kg	NIIRDN 6,410,82
*	ivn-mus LD50:4970 mg/kg	IYKEDH 11,181,80
*	ivn-dog LD50:10000 mg/kg	NIIRDN 6,410,82

XI0330600 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 7-(((4-(2-AMINO-1-CARBOXY- 2-OXOETHYL)-1,3-DITHIETAN-2-YL)CARBONYL)AMINO)-7-METHOXY-3-(((1-METHYL-1H-TETRAZOL-5-YL) THIO)METHYL)-8-OXO-, DISODIUM SALT, (6R-cis)-

UPDT:8405 CAS: 74356-00-6 MW: 621.63 MOLFM: C17-H17-N7-O8-S4 . 2Na

SYN: CEFOTAN * CEFOTETAN DISODIUM SALT * ICI 156834 DISODIUM * YM 09330

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T16T85T86	ivn-rat TDLo:2700 mg/kg (17-22D preg/21D post)	OYYAA2 23,767,82

TOXICITY DATA AND REFERENCES:

3D28F05F17	ipr-rat LD50:8250 mg/kg	NKRZAZ 30(Suppl 1),212,82
3F11F12J15	ivn-rat LD50:6790 mg/kg	NKRZAZ 30(Suppl 1),212,82
3D28F05F17	ipr-mus LD50:8120 mg/kg	NKRZAZ 30(Suupl 1),212,82
3F11F12J15	ivn-mus LD50:4990 mg/kg	NKRZAZ 30(Suppl 1),212,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI0330800 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 7-(((4-(2-AMINO-1-CARBOXY- 2-OXOETHYLIDENE)-1,3-DITHIETAN-2-YL)CARBONYL)AMINO)-7-METHOXY-3-(((1-METHYL-1H-TETRAZOL- 5-YL)THIO)METHYL)-8-OXO-, (6R-(6-alpha,7-alpha))-

UPDT:8407 CAS: 69712-56-7 MW: 575.65 MOLFM: C17-H17-N7-O8-S4

SYN: CEFOTETAN * CTT * YM 09330

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T81T85	ivn-rat TDLo:1100 mg/kg (7-17D preg)	NKRZAZ 30(Suppl 1),278,82

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:5 gm/kg	43MKAT 1,273,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI0335000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 7-((AMINO-1,4-CYCLOHEXADIEN-1- YLACETYL)AMINO)-3-METHOXY-8-OXO-, (6R-(6-alpha,7-beta(R*)))-
UPDT:8408 CAS: 51762-05-1 MW: 365.44 MOLFM: C16-H19-N3-O5-S
SYN: 7-(D-2-AMINO-2-(1,4-CYCLOHEXADIENYL)ACETAMIDE)-3-METHOXY-3-CEPHEM-4-CARBOXYLIC ACID * ANTIBIOTIC CGP 9000 * CEFROXADIN * CEFROXADINE * CGP 9000 * CXD * ORASPOR

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T12	orl-rat TDLo:29120 mg/kg (91D pre)	NKRZAZ 28(Suppl 3),103,80
3T24T25T53	orl-rat TDLo:27 gm/kg (17-22D preg/21D post)	OYYAA2 19,615,80
1T72	orl-rat TDLo:27 gm/kg (17-22D preg/21D post)	OYYAA2 19,615,80
2T76T91	orl-rat TDLo:2700 mg/kg (17-22D preg/21D post)	OYYAA2 19,615,80
1T02	orl-rat TDLo:182 gm/kg (91D male)	NKRZAZ 28(Suppl 3),103,80

TOXICITY DATA AND REFERENCES:

3F19K12R21	ipr-rat LD50:6 gm/kg	NKRZAZ 28(Suppl 3),98,80
*	ipr-mus LD50:7090 mg/kg	JANTAJ 29,653,76
*	orl-rbt LD50:10 gm/kg	NIIRDN 6,APP-11,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI0336000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 7-((AMINO-1,4-CYCLOHEXADIEN- 1-YLACETYL)AMINO)-3-METHYL-8-OXO-, (6R-(6-alpha,7-beta(R*)))-
UPDT:8303 CAS: 38821-53-3 MW: 349.44 MOLFM: C16-H19-N3-O4-S
SYN: CEFRADINE * CEPHRADIN * CEPHRADINE * SEFRIL * VELOSEF

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T46	orl-rat TDLo:3 gm/kg (9-14D preg)	NKRZAZ 23,37,75
2T46T86	orl-mus TDLo:600 mg/kg (7-12D preg)	NKRZAZ 23,37,75
1T34	orl-mus TDLo:1200 mg/kg (7-12D preg)	NKRZAZ 23,37,75

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:3549 mg/kg	NKRZAZ 23,37,75
*	ipr-mus LD50:597 mg/kg	IYKEDH 8,680,77
*	scu-mus LD50:2890 mg/kg	IYKEDH 8,680,77
*	ivn-mus LD50:3539 mg/kg	IYKEDH 8,680,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI0337000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 7-((AMINO(4-HYDROXYPHENYL)ACETYL) AMINO)-3-METHYL-8-OXO-, (6R-(6-alpha,7-beta(R*)))-
UPDT:8411 CAS: 50370-12-2 MW: 363.42 MOLFM: C16-H17-N3-O5-S
SYN: BL-S 578 * CEFADROXIL * S-578

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	orl-rat TDLo:2750 mg/kg (7-17D preg)	JJANAX 33,487,80
1T53	orl-rat TDLo:8250 mg/kg (7-17D preg)	JJANAX 33,487,80
1T81	orl-rat TDLo:9200 mg/kg (17-20D preg)	JJANAX 33,503,80
1T34	orl-rbt TDLo:1300 mg/kg (6-18D preg)	JJANAX 33,497,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI0340000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 7-((AMINO(4-HYDROXYPHENYL)ACETYL) AMINO)-8-OXO-3((1H-1,2,3-TRIAZOL-4-YLTHIO)METHYL)-,(6R -(6-alpha ,7-beta(R))
UPDT:8305 CAS: 51627-14-6 MW: 462.54 MOLFM: C18-H18-N6-O5-S2
SYN: ANTIBIOTIC BL-640 * ANTIBIOTIC BL-S 640 * BLS 640 * CEFATRIZINE * CEPHATRIAZINE * SKF 60771 * S 640P

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T46T81	orl-rat TDLo:175 mg/kg (8-14D preg)	JJANAX 29,129,76
1T34	orl-rat TDLo:2800 mg/kg (8-14D preg)	JJANAX 29,129,76
1T35	orl-rat TDLo:5600 mg/kg (8-14D preg)	JJANAX 29,129,76
2T34T46	orl-mus TDLo:175 mg/kg (7-13D preg)	JJANAX 29,129,76
2T34T46	orl-rbt TDLo:225 mg/kg (8-16D preg)	JJANAX 29,144,76
1T35	orl-rbt TDLo:3600 mg/kg (8-16D preg)	JJANAX 29,144,76

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:4325 mg/kg	JJANAX 29,612,76
	ipr-mus LD50:6410 mg/kg	JJANAX 29,612,76
	ipr-rbt LD50:1500 mg/kg	JJANAX 29,612,76
	scu-rbt LD50:3000 mg/kg	JJANAX 29,612,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI0345000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 7-(2-AMINO-2-PHENYLACETAMIDO)- 3-(HYDROXYMETHYL)-8-OXO-, ACETATE (ester), D-
UPDT:8406 CAS: 3577-01-3 MW: 405.46 MOLFM: C18-H19-N3-O6-S
SYN: 7-(D-alpha-AMINOPHENYL-ACETAMIDO)CEPHALOSPORANIC ACID * CEFALOGLYCIN * CEPHALOGLYCIN * CEPHALOGLYCINE * D-CEPHALOGLYCINE * CEPHAOGLYCIN ACID * KAFOCIN * KEFGLYCIN * LILLY 39435

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T81	orl-rat TDLo:1200 mg/kg (7-12D preg)	NKRZAZ 18,39,70

TOXICITY DATA AND REFERENCES:

1M03	ipr-rat LD50:1300 mg/kg	NKRZAZ 18,22,70
1M03	scu-rat LD50:2800 mg/kg	NKRZAZ 18,22,70
1M03	ipr-mus LD50:1030 mg/kg	NKRZAZ 18,22,70
1M03	scu-mus LD50:3700 mg/kg	NKRZAZ 18,22,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI0350000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 7-(2-AMINO-2-PHENYLACETAMIDO)-3- METHYL-8-OXO-, D-
UPDT:8411 CAS: 15686-71-2 MW: 347.42 MOLFM: C16-H17-N3-O4-S
SYN: 7-(D-alpha-AMINOPHENYLACETAMIDO)DESACETOXYCEPHALOSPORANIC ACID * 7-(D-2-AMINO-2-PHENYLACETAMIDO)-3-METHYL-delta (sup 3)-CEPHEM-4- CARBOXYLIC ACID * CEFA-ISKIA * CEFALEXIN * CEFALOTO * CEPHALEXIN * CEPOREX * CEPOREXIN * CEPOREXINE * CEX * KEFLEX * KEFORAL * LARIXIN * LEXIBIOTICO * MADLEXIN * NEOLEXINA * ORACEF * OROXIN * ORTISPORINA * S 6437 * SARTOSONA * SENCEPHALIN * SYNCL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T12	orl-rat TDLo:364 gm/kg (26W pre)	OYYAA2 3,229,69
2T29T34	orl-rat TDLo:22 gm/kg (7-17D preg)	NKRZAZ 27(Suppl 7),846,79
1T86	orl-rat TDLo:52 gm/kg (17-22D preg/20D post)	NKRZAZ 27(Suppl 7),865,79
3T31T34T86	orl-rat TDLo:4 gm/kg (9-14D preg)	OYYAA2 3,249,69
2T12T46	orl-rat TDLo:32 gm/kg (9-14D preg)	OYYAA2 3,249,69
2T34T46	orl-mus TDLo:10 gm/kg (6-15D preg)	NKRZAZ 27(Suppl 7),846,79
2T13T46	orl-mus TDLo:600 mg/kg (7-12D preg)	OYYAA2 3,249,69
2T31T86	orl-mus TDLo:4800 mg/kg (7-12D preg)	OYYAA2 3,249,69

TOXICITY DATA AND REFERENCES:

2K12K13	orl-hmn TDLo:14 mg/kg/D	AACHAX -,361,68
2F17R21	ipr-rat LD50:4565 mg/kg	NKRZAZ 27(Suppl 7),765,79
	scu-rat LD50:12 gm/kg	OYYAA2 3,227,69
2F17R21	orl-mus LD50:1495 mg/kg	NKRZAZ 27(Suppl 7),765,79
3D28M10U03	ipr-mus LD50:400 mg/kg	AACHAX -,489,68
	scu-mus LD50:1150 mg/kg	OYYAA2 3,227,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI0367700 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 7-(((2-AMINO-4-THIAZOLYL) (METHOXYIMINO)ACETYL)AMINO)-3-(((1-METHYL-1H-TETRAZOL-5-YL)THIO)METHYL)-8-OXO-, HYDROCHLORIDE (2:1), (6R-(6-alpha,7-beta(Z)))-
UPDT:8310 CAS: 75738-58-8 MW: 529.77 MOLFM: C16-H17-N9-O5-S3 .1/2Cl-H
SYN: CEFMENOXIME HEMIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	scu-rat LD50:13150 mg/kg	JJANAX 35,2615,82
*	ivn-rat LD50:2680 mg/kg	JJANAX 35,2615,82
*	orl-mus LD50:17540 mg/kg	IYKEDH 14,297,83
*	scu-mus LD50:11830 mg/kg	JJANAX 35,2615,82
*	ivn-mus LD50:7980 mg/kg	JJANAX 35,2615,82

XI0368000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 7-(((2-AMINO-4-THIAZOLYL)- (METHOXYIMINO)ACETYL)AMINO)-8-OXO-, MONOSODIUM SALT, (6R-(6-alpha,7-beta(Z)))-
UPDT:8403 CAS: 68401-82-1 MW: 406.42 MOLFM: C13-H13-N5-O5-S2.Na
SYN: CEFTIZOXIME SODIUM * CEFTIZOXIM-NATRIUM (German) * EPOCELIN * FK 749 * FR-13,479 * SKF-88373

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T81	scu-rat TDLo:14 gm/kg (9W male/4w pre-3W post)	ARZNAD 30,1669,80
2T25T26	scu-rat TDLo:27 gm/kg (9W male/2W pre-7D preg)	JJANAX 34,466,81
1T46	scu-rat TDLo:1100 mg/kg (7-17D preg)	JJANAX 34,466,81

TOXICITY DATA AND REFERENCES:

2C08J30	ipr-rat LD50:8130 mg/kg	ARZNAD 30,1669,80
2C08J30	ivn-rat LD50:5570 mg/kg	ARZNAD 30,1669,80
2C08J30	ipr-mus LD50:8930 mg/kg	ARZNAD 30,1669,80
*	ivn-mus LD50:6420 mg/kg	IYKEDH 13,637,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI0370000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 7-(2-CYANOACETAMIDO)-3-(HYDROXY METHYL)-8-OXO-1, ACETATE (ester), MONOSODIUM SALT
UPDT:8411 CAS: 23239-41-0 MW: 361.33 MOLFM: C13-H12-N3-O6-S.Na
SYN: Ba 36278 * 36278-Ba * CEFACETRILE SODIUM * CELOSPOR * CEPHACETRILE SODIUM * CIBA 36278-BA * SODIUM CEFACETRIL * SODIUM CEPHACETRILE * SODIUM 7-(2-CYANOACETAMIDO)CEPHALOSPORANIC ACID

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:15100 mg/kg	IYKEDH 9,222,78
1M30	scu-rat LD50:11600 mg/kg	AACHAX -,150,70
*	ivn-rat LD50:3100 mg/kg	NIIRDN 6,403,82
*	ims-rat LD50:7700 mg/kg	NIIRDN 6,403,82
*	orl-mus LD50:19100 mg/kg	IYKEDH 9,222,78
*	scu-mus LD50:9100 mg/kg	MEIEDD 10,275,83
*	ivn-mus LD50:4500 mg/kg	MEIEDD 10,275,83
*	ims-mus LD50:8800 mg/kg	NIIRDN 6,403,82
*	orl-dog LDLo:500 mg/kg	AACHAX -,150,70
1J30	ivn-dog LDLo:6000 mg/kg	AACHAX -,150,70
*	ims-dog LDLo:500 mg/kg	AACHAX -,150,70
2M11M30	ivn-rbt LDLo:300 mg/kg	AACHAX -,150,70
*	scu-gpg LD50:240 mg/kg	AACHAX -,150,70

XI0372000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 7-((((CYANOMETHYL)THIO)ACETYL)AMINO)- 7-METHOXY-3-(((1-METHYL-1H-TETRAZOL-5-YL)THIO)METHYL)-8-OXO-, (6R-cis)-
UPDT:8408 CAS: 56796-20-4 MW: 471.57 MOLFM: C15-H17-N7-O5-S3
SYN: CEFMETAZOLE * CS 1170 * SKF 83088

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35	ivn-dog TDLo:9 gm/kg (18-35D preg)	JZKEDZ 6,289,80

TOXICITY DATA AND REFERENCES:

3F07J25R21	ipr-mus LD50:10233 mg/kg	SKKNAJ 31,49,79
3F07J25R21	scu-mus LD50:12190 mg/kg	SKKNAJ 31,49,79
3F07J25R21	ivn-mus LD50:8690 mg/kg	SKKNAJ 31,49,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI0372200 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 7-((((CYANOMETHYL)THIO)ACETYL)AMINO)- 7-METHOXY-3-(((1-METHYL-1H-TETRAZOL-5-YL)THIO)METHYL)-8-OXO-, SODIUM SALT, (6R-cis)-
UPDT:8305 MW: 493.55 MOLFM: C15-H16-N7-O5-S3.Na
SYN: CEFMETAZOLE SODIUM * CMZ SODIUM * CS 1170 SODIUM * SKF 83088 SODIUM

TOXICITY DATA AND REFERENCES:

2F07J30	ipr-mus LD50:10233 mg/kg	SKKNAJ 30,112,78
2F07J30	scu-mus LD50:12190 mg/kg	SKKNAJ 30,112,78
2F07J30	ivn-mus LD50:8690 mg/kg	SKKNAJ 30,112,78

XI0373500 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 7-(2-((2,3-DIOXO-4-ETHYL-1- PIPERAZINYL)FORMAMIDO)-3-HYDROXYBUTYRAMIDO)-7-METHOXY-3-(((1-METHYL-1H-TETRAZOL-5-YL)THIO) METHYL)-8-OXO-, MONOSODIUM SALT, (6R-(6-alpha,7-alpha,7(2R*,3S*)))-
UPDT:8411 CAS: 76648-01-6 MW: 616.63 MOLFM: C22-H27-N9-O9-S.Na
SYN: T-1982

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T81T85	scu-rat TDLo:13500 mg/kg (17-22D preg/21D post)	NKRZAZ 30(Suppl 3),319,82
2T46T81	ivn-rat TDLo:11 gm/kg (7-17D preg)	NKRZAZ 30(Suppl 3),319,82
1T85	ivn-rat TDLo:5500 mg/kg (7-17D preg)	NKRZAZ 30(Suppl 3),319,82

TOXICITY DATA AND REFERENCES:

3F07F19J22	ivn-rat LD50:9550 mg/kg	NKRZAZ 30(Suppl 3),232,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI0382000 5-THIA-1-AZABICYCLO(4,2,0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-(HYDROXYMETHYL)-8-OXO-7-(2-(4- PYRIDYLTHIO)ACETAMIDO)-, ACETATE(ESTER), MONOSODIUM SALT
UPDT:8406 CAS: 24356-60-3 MW: 446.48 MOLFM: C17-H17-N3-O6-S2.Na
SYN: BLP 1322 * CEPHALOTHIN SODIUM * CEFADYL * CEFALOJECT * CEFAPIRIN SODIUM * CEFAPRIN SODIUM * CEFATREXYL * CEPHAPIRIN SODIUM * CEPHATREXIL * CEPHATREXYL * SODIUM CEFAPIRIN * SODIUM CEPHAPIRIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T03	ims-dog TDLo:12 gm/kg (30D male)	OYYAA2 9,11,75
1T12	ims-dog TDLo:24 gm/kg (30D pre)	OYYAA2 9,11,75

TOXICITY DATA AND REFERENCES:

2P15U26	ims-man TDLo:350 mg/kg/6D	AMACCQ 1,174,72

* orl-rat LD50:16356 mg/kg NIIRDN 6,405,82
* ipr-rat LD50:7850 mg/kg NIIRDN 6,405,82
ivn-rat LD50:4580 mg/kg ARZNAD 29,424,79
* orl-mus LD50:26088 mg/kg NIIRDN 6,405,82
* ipr-mus LD50:8899 mg/kg NIIRDN 6,405,82
* scu-mus LD50:13556 mg/kg NIIRDN 6,405,82
ivn-mus LD50:4600 mg/kg ARZNAD 29,424,79
ivn-dog LD50:2500 mg/kg ARZNAD 29,424,79
ivn-rbt LD50:3000 mg/kg ARZNAD 29,424,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI0383000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-(HYDROXYMETHYL)-8-OXO-7-(2-(2- THIENYL)ACETAMIDO)-, ACETATE, MONOSODIUM SALT
UPDT:8411 CAS: 58-71-9 MW: 418.44 MOLFM: C16-H15-N2-O6-S2 Na
SYN: CEFALOTHINE SODIUM * CEFALOTHIN SODIUM * CEFALOTINA SODICA (Spanish) * CEPHALOTHIN SODIUM * CEPOVENIN * KEFLIN * LILLY 38253 * MICROTIN * SODIUM CEPHALOTHIN * SODIUM CEPHALOTIN

TOXICITY DATA AND REFERENCES:
1P17 ivn-wmn TDLo:20 mg/kg AIMEAS 77,401,72
ipr-rat LD50:7000 mg/kg JJANAX 28,188,75
scu-rat LD50:7500 mg/kg JIDIAQ 137,551,78
ipr-mus LD50:5670 mg/kg JJANAX 27,746,74
* scu-mus LD50:7500 mg/kg JACHDX 6(Suppl A),79,80
ivn-mus LD50:4800 mg/kg JJANAX 27,746,74

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI0383500 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-(HYDROXYMETHYL)-8-OXO-7-(2-(2- THIENYL)ACETAMIDO)-, SODIUM SALT
UPDT:8407 MW: 376.40 MOLFM: C14-H13-N2-O5-S2 Na
SYN: DACET * DEACETYLCEPHALOTHIN SODIUM SALT * DESACETYLCEPHALOTHIN SODIUM

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:8877 mg/kg JJANAX 28,81,75
ivn-rat LD50:6116 mg/kg JJANAX 28,81,75
ipr-mus LD50:8754 mg/kg JJANAX 28,81,75
ivn-mus LD50:6600 mg/kg JJANAX 28,81,75

XI0384000 5-THIA-1-AZABICYCLO(4,2,0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-(((5-METHYL-1,3,4-THIADIAZOL-2-YL) THIO)METHYL)-8-OXO-(6R,7R)-7-(2-(3,5-DICHLORO-4-OXO-1(4H)-PYRIDYL)ACETAMIDO)-, MONOSODIUM SALT
UPDT:8404 CAS: 63521-15-3 MW: 571.45 MOLFM: C18-H15-Cl2-N5-O5-S3 Na
SYN: CEFAZEDONE SODIUM SALT * REFOSPOREN

TOXICITY DATA AND REFERENCES:
ivn-rat LD50:4225 mg/kg ARZNAD 29,424,79
ivn-mus LD50:6800 mg/kg ARZNAD 29,424,79
ivn-dog LD50:3000 mg/kg ARZNAD 29,424,79
ivn-rbt LD50:3200 mg/kg ARZNAD 29,424,79

XI0388000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-(HYDROXYMETHYL)-8-OXO-7-(2-(2- THIENYL)ACETAMIDO)-, ACETATE (ester)
UPDT:8412 CAS: 153-61-7 MW: 396.46 MOLFM: C16-H16-N2-O6-S2
SYN: CEFALOTIN * CEPHALOTHIN * CEPHALOTIN * CET * CT * 7-(2-THIENYLACETAMIDO)CEPHALOSPORANIC ACID * 7-(THIOPHENE-2-ACETAMIDO)CEPHALOSPORANIC ACID

MUTATION DATA AND REFERENCES:
pic-omi 25 ug/plate ZMMPAO 231,369,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 scu-rat TDLo:8800 mg/kg (7-17D preg) NKRZAZ 27(Suppl 6),245,79
2T35T59 unk-mus TDLo:9 gm/kg (9-11D preg) TJADAB 14,250,76

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:4296 mg/kg ANTBAL 26(1),44,81
scu-rat LDLo:10 gm/kg NKRZAZ 27,124,79
ivn-rat LD50:4 gm/kg ARZNAD 29,424,79
* par-rat LD50:23 mg/kg AACHAX -,863,65
* ivn-mus LD50:4990 mg/kg NKRZAZ 26,150,78
1M03 ims-mus LD50:7 gm/kg BYYADW 3,220,78
* ice-mus LD50:81 mg/kg AACHAX -,863,65

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI0389900 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-(((5-METHYL-1,3,4-THIADIAZOL-2-YL) THIO)METHYL)-8-OXO-7-(2-(1H-TETRAZOL-1-YL)ACETAMIDO)-
UPDT:8411 CAS: 25953-19-9 MW: 454.54 MOLFM: C14-H14-N8-O4-S3

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:3 gm/kg BYYADW 3,220,78
* ims-mus LD50:4 gm/kg BYYADW 3,220,78

XI0390000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-(((5-METHYL-1,3,4-THIADIAZOL-2-YL) THIO)METHYL)-8-OXO-7-(((1H-TETRAZOL-1-YL)ACETYL)AMINO)-, (6R-trans)-, SODIUM SALT
UPDT:8411 CAS: 27164-46-1 MW: 476.52 MOLFM: C14-H13-N8-O4-S3 Na
SYN: ACEF * ANCEF * ATIRIN * BIAZOLINA * CEFACIDAL * CEFAMEDIN * CEFAMEZIN * CEFAZIL * CEFAZINA * CEFAZOLIN * CEFAZOLIN SODIUM * CEFAZOLIN SODIUM SALT * CEZ SODIUM * ELZOGRAM * FIRMACEF * GRAMAXIN * KEFZOL * LIVICLINA * SKF 41558 * SODIUM CEFAZOLIN * SODIUM CEPHAZOLIN * SODIUM CEZ * TOTACEF * ZOLICEF

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T26T31 ivn-rat TDLo:5500 mg/kg (7-17D preg) NKRZAZ 28(Suppl 7),1119,80
3T34T46T81 ivn-rat TDLo:5500 mg/kg (7-17D preg) NKRZAZ 28(Suppl 7),1119,80

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:7400 mg/kg NIIRDN 6,404,82
* scu-rat LD50:10 gm/kg MEIEDD 10,269,83
* ivn-rat LD50:3 gm/kg MEIEDD 10,269,83
* ipr-mus LD50:6200 mg/kg NIIRDN 6,404,82
* scu-mus LD50:7600 mg/kg JIDIAQ 128(Suppl),379,73
* ivn-mus LD50:3900 mg/kg JIDIAQ 128(Suppl),379,73
3K01K12K13 scu-dog LD50:4 gm/kg NKRZAZ 18,528,70
ivn-dog LD50:2200 mg/kg ARZNAD 29,424,79
ivn-rbt LD50:2500 mg/kg ARZNAD 29,424,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI0400000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 8-OXO-7-((1H-TETRAZOL-1-YLACETYL) AMINO)-3-((1,3,4-THIADIAZOL-2-YLTHIO)METHYL)-, MONOSODIUM SALT, (6R-trans)-
UPDT:8406 CAS: 41136-22-5 MW: 462.49 MOLFM: C13-H11-N8-O4-S3 Na
SYN: CEFTEZOLE SODIUM

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 scu-rat TDLo:56400 mg/kg (26W male) NKRZAZ 24,671,76

TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:3800 mg/kg NIIRDN 6,413,82
* ipr-mus LD50:8900 mg/kg NIIRDN 6,413,82
* ivn-mus LD50:4700 mg/kg NIIRDN 6,413,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI0530000 1-THIA-3-AZA-2-SILACYCLOPENTANE, 2-(p-CHLOROPHENYL)-2,5-DIPHENYL-
UPDT:8303 MW: 243.85 MOLFM: C10-H14-Cl-N-S-Si
SYN: 2-(p-CHLOROPHENYL)-2,5-DIPHENYL-1-THIA-3-AZA-2-SILACYCLOPENTANE

TOXICITY DATA AND REFERENCES:
* par-mus LD50:1000 mg/kg EJMCA5 17,433,82

XI0540000 1-THIA-3-AZA-2-SILACYCLOPENTANE, 2-(p-CHLOROPHENYL)-2-METHYL-
UPDT:8303 MW: 229.82 MOLFM: C9-H12-Cl-N-S-Si
SYN: 2-(p-CHLOROPHENYL)-2-METHYL-1-THIA-3-AZA-2-SILACYCLOPENTANE

TOXICITY DATA AND REFERENCES:
* par-mus LD50:800 mg/kg EJMCA5 17,433,82

XI0550000 1-THIA-3-AZA-2-SILACYCLOPENTANE, 2,2-DIETHYL-
UPDT:8303 MW: 160.36 MOLFM: C6-H14-N-S-Si
SYN: 2,2-DIETHYL-1-THIA-3-AZA-2-SILACYCLOPENTANE

TOXICITY DATA AND REFERENCES:
* par-mus LD50:1000 mg/kg EJMCA5 17,433,82

XI0560000 1-THIA-3-AZA-2-SILACYCLOPENTANE, 2,2-DIETHYL-5-METHYL-
UPDT:8303 MW: 175.40 MOLFM: C7-H17-N-S-Si
SYN: 2,2-DIETHYL-5-METHYL-1-THIA-3-AZA-2-SILACYCLOPENTANE

TOXICITY DATA AND REFERENCES:
* par-mus LD50:350 mg/kg EJMCA5 17,433,82

XI0570000 1-THIA-3-AZA-2-SILACYLCOPENTANE, 2,2-DIMETHYL-
UPDT:8303 MW: 133.31 MOLFM: C4-H11-N-S-Si
SYN: 2,2-DIMETHYL-1-THIA-3-AZA-2-SILACYCLOPENTANE

TOXICITY DATA AND REFERENCES:
* par-mus LD50:800 mg/kg EJMCA5 17,433,82

XI0580000 1-THIA-3-AZA-2-SILACYCLOPENTANE, 2,5-DIMETHYL-2-(p-FLUOROPHENYL)-
UPDT:8303 MW: 227.40 MOLFM: C10-H14-F-N-S-Si
SYN: 2,5-DIMETHYL-2-(p-FLUOROPHENYL)-1-THIA-3-aza-2-SILACYCLOPENTANE

TOXICITY DATA AND REFERENCES:
* par-mus LD50:1000 mg/kg EJMCA5 17,433,82

XI0590000 1-THIA-3-AZA-2-SILACYCLOPENTANE, 2,5-DIMETHYL-2-(p-METHOXYPHENYL)-
UPDT:8303 MW: 239.44 MOLFM: C11-H17-N-O-S-Si
SYN: 2,5-DIMETHYL-2-(p-METHOXYPHENYL)-1-THIA-3-AZA-2-SILACYCLOPENTANE

TOXICITY DATA AND REFERENCES:
* par-mus LD50:1000 mg/kg EJMCA5 17,433,82

XI0600000 1-THIA-3-AZA-2-SILACYCLOPENTANE, 2,5-DIMETHYL-2-PHENYL-
UPDT:8303 MW: 209.41 MOLFM: C10-H15-N-S-Si
SYN: 2,5-DIMETHYL-2-PHENYL-1-THIA-3-AZA-2-SILACYCLOPENTANE

TOXICITY DATA AND REFERENCES:
* par-mus LD50:750 mg/kg EJMCA5 17,433,82

XI0610000 1-THIA-3-AZA-2-SILACYCLOPENTANE, 2,2-DIPHENYL-
UPDT:8303 MW: 257.45 MOLFM: C14-H15-N-S-Si
SYN: 2,2-DIPHENYL-1-THIA-3-AZA-2-SILACYCLOPENTANE

TOXICITY DATA AND REFERENCES:
* par-mus LD50:1000 mg/kg EJMCA5 17,433,82

XI0620000 1-THIA-3-AZA-2-SILACYCLOPENTANE, 2-(p-FLUOROPHENYL)-2-METHYL-
UPDT:8303 MW: 213.37 MOLFM: C9-H12-F-N-S-Si
SYN: 2-(p-FLUOROPHENYL)-2-METHYL-1-THIA-3-AZA-2-SILACYCLOPENTANE

TOXICITY DATA AND REFERENCES:
* par-mus LD50:800 mg/kg EJMCA5 17,433,82

XI0630000 1-THIA-3-AZA-2-SILACYCLOPENTANE, 2-(p-METHOXYPHENYL)-2-METHYL-
UPDT:8303 MW: 225.41 MOLFM: C10-H15-N-O-S-Si
SYN: 2-(p-METHOXYPHENYL)-2-METHYL-1-THIA-3-AZA-2-SILACYCLOPENTANE

TOXICITY DATA AND REFERENCES:
* par-mus LD50:1500 mg/kg EJMCA5 17,433,82

XI0640000 1-THIA-3-AZA-2-SILACYCLOPENTANE, 2-METHYL-2-PHENYL-
UPDT:8303 MW: 195.38 MOLFM: C9-H13-N-S-Si
SYN: 2-METHYL-2-PHENYL-1-THIA-3-AZA-2-SILACYCLOPENTANE

TOXICITY DATA AND REFERENCES:
* par-mus LD50:800 mg/kg EJMCA5 17,433,82

XI0650000 1-THIA-3-AZA-2-SILACYCLOPENTANE, 2-METHYL-2-(p-TOLYL)-
UPDT:8303 MW: 209.41 MOLFM: C10-H15-N-S-Si
SYN: 2-METHYL-2-(p-TOLYL)-1-THIA-3-AZA-2-SILACYCLOPENTANE

TOXICITY DATA AND REFERENCES:
* par-mus LD50:1500 mg/kg EJMCA5 17,433,82

XI0670000 2-THIA-7-AZASPIRO(4.4)NONANE-6,8-DIONE, 7-ALLYL-
UPDT:8308 CAS: 10288-31-0 MW: 211.30 MOLFM: C10-H13-N-O2-S
SYN: 7-ALLYL-2-THIA-7-AZASPIRO(4.4)NONANE-6,8-DIONE

TOXICITY DATA AND REFERENCES:
1F13 ipr-rat LD50:250 mg/kg JMCMAR 7,78,64

THIABENDAZOL see: DE0700000
THIABENDAZOLE see: DE0700000
THIABENDAZOLE see: DE0900000
THIABENDAZOLE HYPOPHOSPHITE see: DE0900000
THIABENZAZOLE see: DE0700000
THIABENZOLE see: DE0700000

XI1225000 9-THIABICYCLO(3.3.1)NONANE, 2,6-DICHLORO-
UPDT:8307 CAS: 6522-21-0 MW: 213.18 MOLFM: C8-H14-Cl2-S
SYN: 2,6-DICHLORO-9-THIABICYCLO(3.3.1)NONANE

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1410 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:250 mg/kg TXAPA9 28,313,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3-THIABUTAN-2-ONE, O-(METHYLCARBAMOYL)OXIME see: AK2975000
THIACETAMIDE see: AC8925000
THIACETARSAMIDE see: AI6199900
THIACETARSAMIDE SODIUM see: AI6200000
THIACETAZONE see: AE3850000
THIACETIC ACID see: AJ5600000
THIACETOZONE see: AE3850000
THIACETONE see: AE3850000
THIACOCCINE see: WP2360000
THIACYCLOPENTADIENE see: XM7350000
THIACYCLOPENTANE see: XN0370000
THIACYCLOPENTANE DIOXIDE see: XN0700000
THIACYCLOPENTANONE-2 see: XN1930000
THIACYCLOPENTAN-2-ONE see: XN1930000
THIACYCLOPROPANE see: KX3500000
THIACYL MONOHYDRATE see: WM4770000
THIADENOL see: KK3547000

XI2277500 1-THIA-4,8-DIAZASPIRO(4.5)DECAN-3-ONE, 8-(3-(2-CHLOROPHENOTHIAZIN-10-YL)PROPYL)-, HYDROCHLORIDE
UPDT:8406 CAS: 27007-85-8 MW: 482.52 MOLFM: C22-H24-Cl-N3-O-S2 Cl-H
SYN: APY-606 * 8-(3-(2-CHLOROPHENOTHIAZIN-10-YL)PROPYL)-1-THIA-4,8-DIAZASPIRO(4.5)DECAN-3-ONE HYDROCHLORIDE * CLOSPIRAZINE HYDROCHLORIDE * DICEPLON * DISEPRON * SPICLOMAZINE HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T46T72 orl-rat TDLo:60 mg/kg (9-14D preg) OYYAA2 4,497,70

BEST COPY

1T35	orl-rat TDLo:300 mg/kg (9-14D preg)	OYYAA2 4,497,70
2T34T76	orl-mus TDLo:60 mg/kg (7-12D preg)	OYYAA2 4,497,70
1T46	orl-mus TDLo:240 mg/kg (7-12D preg)	OYYAA2 4,497,70
1T35	orl-mus TDLo:600 mg/kg (7-12D preg)	OYYAA2 4,497,70

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:3800 mg/kg	OYYAA2 4,487,70
	ipr-rat LD50:2950 mg/kg	OYYAA2 4,487,70
	orl-mus LD50:3800 mg/kg	OYYAA2 4,487,70
	ipr-mus LD50:3200 mg/kg	OYYAA2 4,487,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

THIADIAZIN see: XI2625000

XI2400000 4H,6H-1,3,5-THIADIAZINEACETIC ACID, 5-METHYL-6-THIOXO-
UPDT:8310 CAS: 3655-88-7 MW: 206.30 MOLFM: C6-H10-N2-O2-S2
SYN: 5-CARBOXYMETHYL-3-METHYL-2H-1,3,5-THIADIAZINE-2-THIONE * D 3520 * N-METHYL-TETRAHYDROTHIAMIDINTHIONE ACETIC ACID * 5-METHYL-6-THIOXOTETRAHYDRO-3-THIADIAZINEACETIC ACID * TERRACUR * THIADIAZINTHION

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1000 mg/kg	FMCHA2 -,C231,83
	ipr-rat LD50:300 mg/kg	31ZOAD 1,71,68

XI2625000 2H-1,3,5-THIADIAZINE-2-THIONE, 3,3'-ETHYLENEBIS(TETRAHYDRO-4,6-DIMETHYL-
UPDT:8307 CAS: 3773-49-7 MW: 350.62 MOLFM: C12-H22-N4-S4
SYN: D 682 * DU PONT 328 * DU PONT FUNGICIDE 328 * ENT 25,844 * 3,3'-ETHYLENEBIS(TETRAHYDRO-4,6-DIMETHYL-2H-1,3,5-THIADIAZINE-2-THIONE) * EXPERIMENTAL FUNGICIDE 328 * FUNGICIDE 328 * MILNEB * SANIPA * THIADIAZIN

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:5 gm/kg	ARSIM* 20,9,66
	unk-mam LD50:5 gm/kg	28ZEAL 4,290,69

XI2800000 2H-1,3,5-THIADIAZINE-2-THIONE, TETRAHYDRO-3,5-DIMETHYL-
UPDT:8401 CAS: 533-74-4 MW: 162.29 MOLFM: C5-H10-N2-S2
SYN: BASAMID * BASAMID G * BASAMID-GRANULAR * BASAMID P * BASAMID-PUDER * CARBOTHIALDIN * CARBOTHIALDINE * CRAG 974 * CRAG FUNGICIDE 974 * CRAG NEMACIDE * CRAG 85W * DAZOMET * DAZOMET-POWDER BASF * DIMETHYLFORMOCARBOTHIALDINE * 3,5-DIMETHYLPERHYDRO-1,3,5-THIADIAZIN-2-THION (Czech, German) * 3,5-DIMETHYLTETRAHYDRO-1,3,5-THIADIAZINE-2-THIONE * 3,5-DIMETHYL-1,2,3,5-TETRAHYDRO-1,3,5-THIADIAZINETHIONE-2 * 3,5-DIMETHYLTETRAHYDRO-1,3,5-2H-THIADIAZINE-2-THIONE * 3,5-DIMETHYL-1,3,5-2H-TETRAHYDROTHIADIAZINE-2-THIONE * 3,5-DIMETHYLTETRAHYDRO-2H-1,3,5-THIADIAZINE-2-THIONE * 3,5-DIMETHYL-2-THIONOTETRAHYDRO-1,3,5-THIADIAZINE * 3,5-DIMETIL-PERIDRO-1,3,5-TIADIAZIN-2-TIONE (Italian) * DMTT * FENNOSAN B 100 * MICOFUME * MYLON (Czech) * MYLONE * MYLONE 85 * N 521 * NALCON 243 * NEFUSAN * PREZERVIT * STAUFFER N 521 * TETRAHYDRO-2H-3,5-DIMETHYL-1,3,5-THIADIAZINE-2-THIONE * TETRAHYDRO-3,5-DIMETHYL-2H-1,3,5-THIADIAZINE-2-THIONE * THIAZON * THIAZONE * 2-THIO-3,5-DIMETHYLTETRAHYDRO-1,3,5-THIADIAZINE * TIAZON * UCC 974

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MLD	28ZPAK -,204,72
	eye-rbt 500 mg/24H SEV	28ZPAK -,204,72

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:640 mg/kg	FMCHA2 -,C70,83
	ipr-rat LD50:87 mg/kg	TXAPA9 9,521,66
	orl-mus LD50:180 mg/kg	TXAPA9 9,521,66
	scu-mus LDLo:500 mg/kg	AIPTAK 12,447,04
	unk-mus LD50:650 mg/kg	30ZDA9 -,430,71
	ipr-dog LD50:47 mg/kg	TXAPA9 9,521,66
	orl-rbt LD50:120 mg/kg	TXAPA9 9,521,66
	ipr-rbt LD50:127 mg/kg	TXAPA9 9,521,66
	orl-gpg LD50:160 mg/kg	TXAPA9 9,521,66

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XI2850000 2H-1,3,5-THIADIAZINE-2-THIONE, TETRAHYDRO-5-(2-HYDROXYETHYL)-3-METHYL-
UPDT:8309 CAS: 63906-70-7 MW: 192.32 MOLFM: C6-H12-N2-O-S2
SYN: BAYER 29759 * ENT 25,541 * TETRAHYDRO-5-(2-HYDROXYETHYL)-3-METHYL-2H-1,3,5-THIADIAZINE-2-THIONE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1000 mg/kg	ARSIM* 20,4,66

THIADIAZINTHION see: XI2400000
1,3,4-THIADIAZOL-2-AMINE see: XI3000000
1,3,4-THIADIAZOL-2-AMINE, N-ETHYL- (9CI) see: XI3900000
1,3,4-THIADIAZOL-2-AMINE, 5-(5-NITRO-2-FURANYL)- (9CI) see: XI3600000

XI3000000 1,3,4-THIADIAZOLE, 2-AMINO-
UPDT:8405 CAS: 4005-51-0 MW: 101.14 MOLFM: C2-H3-N3-S
SYN: ATDA * AMINOTHIADIAZOLE * 2-AMINO-1,3,4-THIADIAZOLE * 1,3,4-THIADIAZOL-2-AMINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T26	orl-rat TDLo:20 mg/kg (10D preg)	YHHPAL 16,654,81
2T46T59	orl-rat TDLo:5 mg/kg (10D preg)	CPHPAS 12,212,81
1T35	orl-rat TDLo:20 mg/kg (10D preg)	CPHPAS 12,212,81
2T51T83	ipr-rat TDLo:100 mg/kg (16D preg)	TJADAB 27,29A,83
3T41T42T43	ipr-rat TDLo:1600 mg/kg (1-16D preg)	TJADAB 5,250,72
2T25T46	ipr-rat TDLo:1600 mg/kg (1-16D preg)	TJADAB 5,250,72
3T43T45T46	ipr-rat TDLo:100 mg/kg (12D preg)	JEEMAF 30,257,73
2T47T50	ipr-rat TDLo:100 mg/kg (12D preg)	JEEMAF 30,257,73
2T43T46	scu-rat TDLo:175 mg/kg (10-11D preg)	JHMJAX 130,95,72

TOXICITY DATA AND REFERENCES:

3F18K12R21	ipr-rat LD50:200 mg/kg	TAKHAA 35,68,76
	scu-rat LD50:200 mg/kg	JHMJAX 130,95,72
3F18K12R21	ipr-mus LD50:6500 mg/kg	TAKHAA 35,68,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI3150000 1,3,4-THIADIAZOLE, 2-AMINO-, HYDROCHLORIDE
UPDT:8408 CAS: 26861-87-0 MW: 137.60 MOLFM: C2-H3-N3-S Cl-H
SYN: 2-AMINO-1,3,4-THIADIAZOLE HYDROCHLORIDE * 2-AMINO-1,3,4-THIADIAZOLE, MONOHYDROCHLORIDE * ATDA HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T25T34T31	ipr-rat TDLo:100 mg/kg (10D preg)	TJADAB 7,65,73
3T42T41T46	ipr-rat TDLo:100 mg/kg (9D preg)	TJADAB 7,65,73
1T43	ipr-rat TDLo:100 mg/kg (13D preg)	TJADAB 7,65,73
1T35	ipr-rat TDLo:100 mg/kg (11D preg)	TJADAB 21,381,80

TOXICITY DATA AND REFERENCES:

	ipr-rat LDLo:100 mg/kg	TJADAB 7,65,73
	ipr-mus LD50:250 mg/kg	NTIS** AD691-490

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI3600000 1,3,4-THIADIAZOLE, 2-AMINO-5-(5-NITRO-2-FURYL)-
UPDT:8401 CAS: 712-68-5 MW: 212.20 MOLFM: C6-H4-N4-O3-S
SYN: 2-AMINO-5-(5-NITRO-2-FURYL)-1,3,4-THIADIAZOLE * 5-AMINO-2-(5-NITRO-2-FURYL)-1,3,4-THIADIAZOLE * ASA-140 * FURIDAZINA * FURIDIAZINA * FURIDIAZINE * NF-475 * 2-(5-NITRO-2-FURYL)-5-AMINO-1,3,4-THIADIAZOLE * 5-(5-NITRO-2-FURYL)-2-AMINO-1,3,4-THIADIAZOLE * Ph/778 * 1,3,4-THIADIAZOL-2-AMINE, 5-(5-NITRO-2-FURANYL)- (9CI) * THIAFUR * TIAFUR * TRIAFUR

TUMORIGENIC DATA AND REFERENCES:

3V01K60R60	orl-rat TDLo:6 gm/kg/46W-I	JNCIAM 54,841,75
3V02J60T64	orl-rat TD :2240 mg/kg/32W-C	FEPRA7 29,817,70

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CCSUDL 4,171,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 7,143,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI3850000 1,3,4-THIADIAZOLE-2,5-DITHIOL
UPDT:8306 CAS: 1072-71-5 MW: 150.24 MOLFM: C2-H2-N2-S3
SYN: BISMUTHIOL I * 2,5-DIMERCAPTOTHIADIAZOLE * 2,5-DIMERCAPTO-1,3,4-THIADIAZOLE * RY 6TH * 1,3,4-THIADIAZOLIDINE-2,5-DITHIONE * USAF A-8354 * USAF FA-4

IRRITATION DATA AND REFERENCES:

	eye-rbt 100 mg SEV	EPASR* 8EHQ-0181-0380
	eye-rbt 100 mg/30S rns	EPASR* 8EHQ-0181-0380

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:200 mg/kg	NTIS** AD277-689

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0181-0380

XI3875000 1,2,4-THIADIAZOLE, 5-ETHOXY-3-(TRICHLOROMETHYL)-
UPDT:8309 CAS: 2593-15-9 MW: 247.53 MOLFM: C5-H5-Cl3-N2-O-S
SYN: AATERRA * 5-AETHOXY-3-TRICHLORMETHYL-1,2,4-THIADIAZOL (German) * DWELL * ECHLOMEZOL * ECHLOMEZOLE * ETCMTB * ETHAZOL * ETHAZOLE (FUNGICIDE) * 5-ETHOXY-3-TRICHLOROMETHYL-1,2,4-THIADIAZOLE * ETMT * ETRIDIAZOL * ETRIDIAZOLE * KOBAN * MF 344 * OLIN MATHIESON 2,424 * OM 2424 * PANSOIL * TERRACHLOR-SUPER X * TERRACOAT * TERRACOAT L21 * TERRAFLO * TERRAZOLE * 3-(TRICHLOROMETHYL)-5-ETHOXY-1,2,4-THIADIAZOLE * TRUBAN

MUTATION DATA AND REFERENCES:

	mma-sat 400 ug/plate	KHFKDF 8,551,80
	mma-sat 400 ug/plate	KHFKDF 8,551,80

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1077 mg/kg	28ZEAL 5,110,76
	orl-mus LD50:2000 mg/kg	GUCHAZ 6,486,73
*	orl-rbt LD50:779 mg/kg	TXAPA9 56,164,80
*	skn-rbt LD50:1700 mg/kg	FMCHA2 -,C137,83

XI3900000 1,3,4-THIADIAZOLE, 2-ETHYLAMINO-
UPDT:8303 CAS: 13275-68-8 MW: 129.20 MOLFM: C4-H7-N3-S
SYN: 2-ETHYLAMINOTHIADIAZOLE * 2-ETHYLAMINO-1,3,4-THIADIAZOLE * NSC 4730 * 1,3,4-THIADIAZOL-2-AMINE, N-ETHYL- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T43T46	scu-rat TDLo:150 mg/kg (10-11D preg)	JHMJAX 130,95,72

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:200 mg/kg	CPCHAO 18,307,62
	scu-rat LD50:200 mg/kg	JHMJAX 130,95,72

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,3,4-THIADIAZOLE, 5-ISOBUTYL-2-(p-METHOXYBENZENESULFONAMIDO)- see: DB2780000

XI4100000 1,3,4-THIADIAZOLE, 2,2'-METHYLENEBIS(IMINO-
UPDT:8403 CAS: 26907-37-9 MW: 214.29 MOLFM: C5-H6-N6-S2
SYN: BIS-A-TDA * DI-KU SHUANG * N,N'-METHYLENEBIS(2-AMINO-1,3,4-THIADIAZOLE) * TK 5477

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T59	orl-rat TDLo:5 mg/kg (10D preg)	CPHPAS 12,212,81
3T41T43T45	orl-rat TDLo:1 mg/kg (10D preg)	SURR** 2/3,105,78
1T46	orl-rat TDLo:1 mg/kg (10D preg)	SURR** 2/3,105,78
3T25T35T42	orl-rat TDLo:5 mg/kg (10D preg)	SURR** 2/3,105,78
1T53	orl-rat TDLo:5 mg/kg (10D preg)	SURR** 2/3,105,78
2T25T46	orl-mus TDLo:45 mg/kg (10D preg)	YHHPAL 16,654,81
1T35	orl-mus TDLo:60 mg/kg (10D preg)	YHHPAL 16,654,81

TOXICITY DATA AND REFERENCES:

3F15K01K12	orl-rat LD50:260 mg/kg	CIYPDA 12,345,81
3F18K12R21	ipr-rat LD50:82 mg/kg	TAKHAA 35,68,76
3F18K12R21	scu-rat LD50:125 mg/kg	TAKHAA 35,68,76
3F15K01K12	orl-mus LD50:2250 mg/kg	CIYPDA 12,345,81
3F18K12R21	ipr-mus LD50:430 mg/kg	TAKHAA 35,68,76
3F15K01K12	scu-mus LD50:145 mg/kg	CIYPDA 12,345,81
3F18K12R21	orl-dog LD50:125 mg/kg	TAKHAA 35,68,76
3F15K01K12	scu-dog LDLo:500 mg/kg	CIYPDA 12,345,81
3F18K12R21	orl-rbt LD50:500 mg/kg	TAKHAA 35,68,76
3F15K01K12	skn-rbt LD50:2000 mg/kg	CIYPDA 12,345,81
3F15K01K12	scu-rbt LDLo:500 mg/kg	CIYPDA 12,345,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,3,4-THIADIAZOLE-2-SULFONAMIDE, 5-ACETAMIDO- see: AC8225000

XI4400000 1,3,4-THIADIAZOLE-2-SULFONAMIDE, 5-AMINO-, MONOSODIUM SALT
UPDT:8305 MW: 203.21 MOLFM: C2-H4-N4-O2-S2 Na
SYN: 2-AMINO-1,3,4-THIADIAZOLE-5-SULFONAMIDE SODIUM SALT * CL 5343 SODIUM SALT * TIO-URASIN SODIUM * ZOLAMIDE SODIUM

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	scu-rat TDLo:1200 mg/kg (10-11D preg)	JHMJAX 130,95,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,3,4-THIADIAZOLIDINE-2,5-DITHIONE see: XI3850000

XI4817700 1,2,4-THIADIAZOLIDINE-5-THIONE, 2,4-DIMETHYL-2-METHYLENE-
UPDT:8307 MW: 160.27 MOLFM: C5-H8-N2-S2
SYN: 2,4-DIMETHYL-2-METHYLENE-1,2,4-THIADIAZOLIDINETHIONE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:500 mg/kg	AMIHBC 4,119,51

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3-(THIADIAZO-2'-YLAMINO)-PYRIMIDO(4,5-e)-as-TRIAZINE-6(5H),8(7H)-DIONE see: UW7945000
3-(THIADIAZO-2'-YLAMINO)-5,6,7,8-TETRAHYDROPYRIMIDO(4,5-e)(1,2,4)TRIAZINE-6,8-DIONE see: UW7945000
THIADOXINE see: XI7350000
THIAFUR see: XI3600000
THIALBARBITAL see: CP8400000
THIALBARBITONE see: CP8400000
THIALPENTON see: CP8400000
THIAMAZOLE see: NI8615000
THIAMBUTENE HYDROCHLORIDE see: BA6330000
THIAMETON see: TE4375000
THIAMIN see: XI6550000
THIAMINAL see: XI7350000
THIAMIN CHLORIDE see: XI7350000
THIAMIN DICHLORIDE see: XI7350000
THIAMINE CHLORIDE see: XI7350000

XI6550000 THIAMINE, CHLORIDE
UPDT:8312 CAS: 59-43-8 MW: 300.84 MOLFM: C12-H17-N4-O-S Cl
SYN: B-AMIN * 3-((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)-5-(2-HYDROXYETHYL)-4-METHYLTHIAZOLIUM CHLORIDE * ANEURINE * APATATE DRAPE * BEIVON * BETABION * BETALIN S * BETHIAMIN * BETAXIN * BEWON * ORYZANIN * ORYZANINE * THIAMIN * THIAMINE MONOCHLORIDE * VINOTHIAM * VITAMIN B1 * VITANEURON

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T41T46	ivn-mus TDLo:20 mg/kg (8D preg)	TOIZAG 8,175,61

TOXICITY DATA AND REFERENCES:
scu-mus LD50:301 mg/kg JPETAB 119,444,57
* ivn-mus LDLo:70 mg/kg BCFAAI 122,27,83
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IRXPAT 3,219,64; CRTXB2 2,365,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XI7350000 THIAMINE, CHLORIDE, HYDROCHLORIDE
UPDT:8404 CAS: 67-03-8 MW: 337.30 MOLFM: C12-H17-N4-O-S .Cl-H .Cl
SYN: ANEURINE HYDROCHLORIDE * APATE DROPS * BEATINE * BEDOME * BEGIOLAN * BENERVA * BEQUIN * BERIN * BETABION HYDROCHLORIDE * BETALIN S * BETAXIN * BETHIAZINE * BEUION * BEVITEX * BEVITINE * BEWON * BIUNO * BIVATIN * BIVITA * CLOTIAMINA * ESKAPEN * ESKAPHEN * LIXA-BETA * METABOLIN * SLOWTEN * THD * THIADOXINE * THIAMINAL * THIAMIN CHLORIDE * THIAMIN DICHLORIDE * THIAMINE CHLORIDE * THIAMINE DICHLORIDE * THIAMINE HYDROCHLORIDE * THIAMIN HYDROCHLORIDE * THIAMINIUM CHLORIDE HYDROCHLORIDE * THIAMOL * THIAVIT * TIAMIDON * TIAMINAL * TROPHITE * USAF CB-20 * VETALIN S * VINOTHIAM * VITAMIN B HYDROCHLORIDE * VITAMIN B1 HYDROCHLORIDE * VITAMIN B(sub 1) HYDROCHLORIDE * VITANEURON
TOXICITY DATA AND REFERENCES:
orl-mus LD50:8224 mg/kg IZVIAK 37,82,67
ipr-mus LD50:200 mg/kg NTIS** AD277-689
ivn-mus LD50:89 mg/kg IZVIAK 37,82,67
ivn-rbt LD50:117 mg/kg PSEBAA 68,153,48
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

THIAMINE DICHLORIDE see: XI7350000
THIAMINE HYDROCHLORIDE see: XI7350000
THIAMINE MONOCHLORIDE see: XI6550000
THIAMINE PROPYL DISULFIDE see: LQ0699000
THIAMINE TETRAHYDROFURFURYL DISULFIDE see: LQ0750000
THIAMIN HYDROCHLORIDE see: XI7350000
THIAMINIUM CHLORIDE HYDROCHLORIDE see: XI7350000
THIAMIN PROPYL DISULFIDE see: LQ0699000
THIAMIPRINE see: UO7505000
THIAMIZIDE see: CV2450000
THIAMOL see: XI7350000
THIAMPHENICOL see: AB6680000
THIANID see: NS0350000
THIANIDE see: NS0350000
5-THIANONANE see: ER6417000
THIANONANE-5 see: ER6417000
THIANTAN see: SO4200000
THIANTAN see: SO4375000
4-THIAPENTANAL (DOT) see: UE2285000
3-THIAPENTANE see: LC7200000
THIAPHENE see: XM7350000
gamma-THIAPROLINE see: XJ5425500
2-THIAPROPANE see: PV5075000
THIAQUINOX see: FG2700000
THIARETIC see: DK9100000
THIASIN see: WO9100000
THIAVIT see: XI7350000

XJ0401000 1,3,2-THIAZAGERMOLIDINE, 2-(p-CHLOROPHENYL)-2,5-DIPHENYL-
UPDT:8303 MW: 288.35 MOLFM: C10-H14-Cl-Ge-N-S
SYN: 2-(p-CHLOROPHENYL)-2,5-DIPHENYL-1,3,2-THIAZAGERMOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:700 mg/kg EJMCA5 17,433,82

XJ0402000 1,3,2-THIAZAGERMOLIDINE, 2-(p-CHLOROPHENYL)-2-METHYL-
UPDT:8303 MW: 274.32 MOLFM: C9-H12-Cl-Ge-N-S
SYN: 2-(p-CHLOROPHENYL)-2-METHYL-1,3,2-THIAZAGERMOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:500 mg/kg EJMCA5 17,433,82

XJ0403000 1,3,2-THIAZAGERMOLIDINE, 2,2-DIBUTYL-
UPDT:8303 MW: 261.99 MOLFM: C10-H23-Ge-N-S
SYN: 2,2-DIBUTYL-1,3,2-THIAZAGERMOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:700 mg/kg EJMCA5 17,433,82

XJ0404000 1,3,2-THIAZAGERMOLIDINE, 2,2-DIBUTYL-5-METHYL-
UPDT:8303 MW: 276.02 MOLFM: C11-H25-Ge-N-S
SYN: 2,2-DIBUTYL-5-METHYL-1,3,2-THIAZAGERMOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:300 mg/kg EJMCA5 17,433,82

XJ0405000 1,3,2-THIAZAGERMOLIDINE, 2,2-DIETHYL-
UPDT:8303 MW: 205.87 MOLFM: C6-H15-Ge-N-S
SYN: 2,2-DIETHYL-1,3,2-THIAZAGERMOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:600 mg/kg EJMCA5 17,433,82

XJ0406000 1,3,2-THIAZAGERMOLIDINE, 2,2-DIETHYL-5-METHYL-
UPDT:8303 MW: 219.90 MOLFM: C7-H17-Ge-N-S
SYN: 2,2-DIETHYL-5-METHYL-1,3,2-THIAZAGERMOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:400 mg/kg EJMCA5 17,433,82

XJ0407000 1,3,2-THIAZAGERMOLIDINE, 2,2-DIISOPENTYL-
UPDT:8303 MW: 290.05 MOLFM: C12-H27-Ge-N-S
SYN: 2,2-DIISOPENTYL-1,3,2-THIAZAGERMOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:650 mg/kg EJMCA5 17,433,82

XJ0408000 1,3,2-THIAZAGERMOLIDINE, 2,2-DIISOPENTYL-5-METHYL-
UPDT:8303 MW: 304.08 MOLFM: C13-H29-Ge-N-S
SYN: 2,2-DIISOPENTYL-5-METHYL-1,3,2-THIAZAGERMOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:800 mg/kg EJMCA5 17,433,82

XJ0409000 1,3,2-THIAZAGERMOLIDINE, 2,5-DIMETHYL-2-(p-FLUOROPHENYL)-
UPDT:8303 MW: 271.90 MOLFM: C10-H14-F-Ge-N-S
SYN: 2,5-DIMETHYL-2-(p-FLUOROPHENYL)-1,3,2-THIAZAGERMOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:500 mg/kg EJMCA5 17,433,82

XJ0410000 1,3,2-THIAZAGERMOLIDINE, 2,5-DIMETHYL-2-(p-METHOXYPHENYL)-
UPDT:8303 MW: 283.94 MOLFM: C11-H17-Ge-N-O-S
SYN: 2,5-DIMETHYL-2-(p-METHOXYPHENYL)-1,3,2-THIAZAGERMOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:60 mg/kg EJMCA5 17,433,82

XJ0411000 1,3,2-THIAZAGERMOLIDINE, 2,5-DIMETHYL-2-PHENYL-
UPDT:8303 MW: 253.91 MOLFM: C10-H15-Ge-N-S
SYN: 2,5-DIMETHYL-2-PHENYL-1,3,2-THIAZAGERMOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:500 mg/kg EJMCA5 17,433,82

XJ0412000 1,3,2-THIAZAGERMOLIDINE, 2,2-DIPENTYL-
UPDT:8303 MW: 290.05 MOLFM: C12-H27-Ge-N-S
SYN: 2,2-DIPENTYL-1,3,2-THIAZAGERMOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:1000 mg/kg EJMCA5 17,433,82

XJ0413000 1,3,2-THIAZAGERMOLIDINE, 2,2-DIPENTYL-5-METHYL-
UPDT:8303 MW: 304.08 MOLFM: C13-H29-Ge-N-S
SYN: 2,2-DIPENTYL-5-METHYL-1,3,2-THIAZAGERMOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:700 mg/kg EJMCA5 17,433,82

XJ0414000 1,3,2-THIAZAGERMOLIDINE, 2,2-DIPHENYL-
UPDT:8303 MW: 301.95 MOLFM: C14-H15-Ge-N-S
SYN: 2,2-DIPHENYL-1,3,2-THIAZAGERMOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:400 mg/kg EJMCA5 17,433,82

XJ0415000 1,3,2-THIAZAGERMOLIDINE, 2,2-DIPROPYL-
UPDT:8303 MW: 233.93 MOLFM: C8-H19-Ge-N-S
SYN: 2,2-DIPROPYL-1,3,2-THIAZAGERMOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:300 mg/kg EJMCA5 17,433,82

XJ0416000 1,3,2-THIAZAGERMOLIDINE, 2-(p-FLUOROPHENYL)-2-METHYL-
UPDT:8303 MW: 257.87 MOLFM: C9-H12-F-Ge-N-S
SYN: 2-(p-FLUOROPHENYL)-2-METHYL-1,3,2-THIAZAGERMOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:600 mg/kg EJMCA5 17,433,82

XJ0417000 1,3,2-THIAZAGERMOLIDINE, 2-(p-METHOXYPHENYL)-2-METHYL-
UPDT:8303 MW: 269.91 MOLFM: C10-H15-Ge-N-O-S
SYN: 2-(p-METHOXYPHENYL)-2-METHYL-1,3,2-THIAZAGERMOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:600 mg/kg EJMCA5 17,433,82

XJ0418000 1,3,2-THIAZAGERMOLIDINE, 2-METHYL-2-PHENYL-
UPDT:8303 MW: 239.88 MOLFM: C9-H13-Ge-N-S
SYN: 2-METHYL-2-PHENYL-1,3,2-THIAZAGERMOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:600 mg/kg EJMCA5 17,433,82

XJ0419000 1,3,2-THIAZAGERMOLIDINE, 2-METHYL-2-(p-TOLYL)-
UPDT:8303 MW: 253.91 MOLFM: C10-H15-Ge-N-S
SYN: 2-METHYL-2-(p-TOLYL)-1,3,2-THIAZAGERMOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:600 mg/kg EJMCA5 17,433,82

THIAZAMIDE see: WP2360000
THIAZIDE see: DK9450000
THIAZIDICO see: DK8225000
4H-1,3-THIAZIN-2-AMINE, N-(2,6-DIMETHYLPHENYL)-5,6-DIHYDRO-, MONOYDROCHLORIDE (9CI) see: XJ0776350
THIAZINAMIUM METHYL SULFATE see: SP0175000

XJ0751000 6H-1,3-THIAZINE, 2-AMINO-4,4,6-TRIMETHYL-, MONOHYDROBROMIDE
UPDT:8406 MW: 237.19 MOLFM: C7-H12-N2-S .Br-H
SYN: 2-AMINO-4,4,6-TRIMETHYL-6H-1,3-THIAZINE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
1F23 ipr-mus LD50:110 mg/kg PHARAT 24,572,69
1F23 scu-mus LD50:172 mg/kg PHARAT 24,572,69

XJ0776350 4H-1,3-THIAZINE, 5,6-DIHYDRO-2-(2,6-XYLIDINO)-, MONOHYDROCHLORIDE
UPDT:8406 CAS: 23076-35-9 MW: 256.82 MOLFM: C12-H16-N2-S .Cl-H
SYN: BAY-VA 1470 * BAY 1470 HYDROCHLORIDE * CELACTAL * 5,6-DIHYDRO-2-(2,6-XYLIDINO)-4H-1,3-THIAZINE MONOHYDROCHLORIDE * ROMPUN * 4H-1,3-THIAZIN-2-AMINE, N-(2,6-DIMETHYLPHENYL)-5,6-DIHYDRO-, MONOYDROCHLORIDE (9CI) * XYLAZINE CHLORIDE * XYLAZINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ims-gpg LD50:10 mg/kg VHTODE 24,410,82

XJ1050000 4H-1,3-THIAZIN-4-ONE, 2-(p-CHLOROPHENYL)TETRAHYDRO-3-METHYL-, 1,1,-DIOXIDE
UPDT:8411 CAS: 80-77-3 MW: 273.75 MOLFM: C11-H12-Cl-N-O3-S
SYN: BANABIN * BANABIN-SINTYAL * BISINA * CHLORMETHAZANONE * CHLORMETHAZONE * CHLORMEZANONE * 2-(4-CHLOROPHENYL)-3-METHYL-4-METATHIAZANONE-1,1-DIOXIDE * 2-(p-CHLOROPHENYL)TETRAHYDRO-3-METHYL-4H-1,3-THIAZIN-4-ONE 1,1-DIOXIDE * 2-(p-CHLORPHENYL)-3-METHYL-1,3-PERHYDROTHIAZIN-4-ON-1,1-DIOXIDE * CLORILAX * CLORMETAZANONE * CLORMETAZON * DICHLOROMETHAZANONE * FENAROL * LOBAK * MIORILAX * MIO-SED * MUSKEL * MUSKEL-TRANCOPAL * PHENAROL * REXAN * RILANSYL * RILAQUIL * RILASSOL * RILAX * RILLASOL * SUPOTRAN * SUPROTAN * TANAFOI * TRANCOPAL
TOXICITY DATA AND REFERENCES:
3F07F25J30 orl-rat LD50:605 mg/kg AIPTAK 130,280,61
ipr-rat LD50:370 mg/kg ARZNAD 17,242,67
* orl-mus LD50:600 mg/kg OYYAA2 9,601,75
ipr-mus LD50:570 mg/kg ARZNAD 17,242,67
scu-mus LD50:322 mg/kg APTOA6 19,247,62
orl-dog LD50:500 mg/kg TXAPA9 1,168,59
ipr-dog LD50:500 mg/kg TXAPA9 1,168,59
ipr-gpg LD50:600 mg/kg TXAPA9 1,168,59

2-THIAZOLAMINE see: XJ2100000
2-THIAZOLAMINE, 5-NITRO- (9CI) see: XJ2800000
2-THIAZOLAMINE, 4-(5-NITRO-2-THIENYL)- (9CI) see: XJ2870080

XJ1570000 THIAZOLE, 2-ACETAMIDO-5-NITRO-
UPDT:8402 CAS: 140-40-9 MW: 187.19 MOLFM: C5-H5-N3-O3-S
SYN: ACETAMIDE, N-(5-NITRO-2-THIAZOLYL)- * 2-ACETAMIDO-5-NITROTHIAZOLE * ACETYL ENHEPTIN * ACINITRAZOL * ACINITRAZOLE * AMETOTERINA * AMINITROZOL * AMINITROZOLE * CYZINE PREMIX * ENHEPTIN A * GYNOFON * LAVOFLAGIN * NITAZOL * NITAZOLE * NITHIAMIDE * 5-NITRO-2-ACETILAMINOTIAZOLO (Italian) * N-(5-NITRO-2-THIAZOLYL)ACETAMIDE * PLEOCIDE * TRICHLORAD * TRICHOCID * TRICHOMAN * TRICHORAD * TRICHORAL * TRICOGEN * TRICOLAVAL * TRICORAL * TRICOSTERIL * TRIKOLAVAL * TRITHEON
MUTATION DATA AND REFERENCES:
mmo-sat 500 nmol/L MUREAV 118,153,83
mmo-esc 20 umol/L MUREAV 118,153,83
mmo-klp 20 umol/L MUREAV 118,153,83
mrc-smc 200 ppm MUREAV 118,153,83
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg FRPSAX 19,301,64
3F15P20U01 orl-dog LD50:125 mg/kg ANTCAO 5,540,55
* orl-ckn LD50:800 mg/kg ANTCAO 5,540,55
* orl-trk LD50:600 mg/kg ANTCAO 5,540,55

THIAZOLE, 2-ACETAMIDO-4-(5-NITRO-2-FURYL)- see: AC6650000
THIAZOLE, 2-ACETAMINO-4-(5-NITRO-2-FURYL)- see: AC6650000

XJ1790000 THIAZOLE-5-ACETIC ACID, 2-ACETAMIDO-4-(p-CHLOROPHENYL)-
UPDT:8306 CAS: 49779-96-6 MW: 310.77 MOLFM: C13-H11-Cl-N2-O3-S
SYN: 2-ACETYLAMINO-4-p-CHLOROPHENYLTHIAZOLE-5-ACETIC ACID * KAAT * KWAS 2-ACETAMINO-4-p-CHLOROFENYLO-TIAZOLO-5-OCTOWY (Polish)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:625 mg/kg AITEAT 27,777,79

XJ1795000 THIAZOLE-5-ACETIC ACID, 2-AMINO-4-(p-CHLOROPHENYL)-
UPDT:8306 CAS: 49779-99-9 MW: 268.73 MOLFM: C11-H9-Cl-N2-O2-S
SYN: 2-AMINO-4-p-CHLOROPHENYLTHIAZOLE-5-ACETIC ACID * KAT * KWAS 2-AMINO-4-p-CHLOROFENYLO-TIAZOLO-5-OCTOWY (Polish)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:675 mg/kg AITEAT 27,777,79

XJ1798000 THIAZOLE-5-ACETIC ACID, 2-((p-CHLOROBENZYLIDENE)AMINO)-4-(p-CHLOROPHENYL)-, METHYL ESTER
UPDT:8306 CAS: 71013-53-1 MW: 405.31 MOLFM: C19-H14-Cl2-N2-O2-S

SYN: 2-AMINO-p-CHLOROBENZYLIDENE-4-p-CHLOROPHENYLTHIAZOLE-5-ACETIC ACID METHYL ESTER * 2-((p-CHLOROBENZYLIDENE)AMINO)-4-(p-CHLOROPHENYL)THIAZOLE-5-ACETIC ACID METHYL ESTER * ECBT * ESTER METYL. KWASU 2-(AMINO-p-CHLOROBENZYLIDENO)4-p-CHLOROFENYLO-TIAZOLO-5-OCTOWEGO

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:975 mg/kg	AITEAT 27,795,79

XJ1800000 4-THIAZOLEACETIC ACID, 2-(p-CHLOROPHENYL)-

UPDT:8405 CAS: 17969-20-9 MW: 253.71 MOLFM: C11-H8-Cl-N-O2-S

SYN: ACIDE p-CHLOROPHENYL-2 THIAZOLE-ACETIQUE-4 (French) * ACIDUM FENCLOZICUM * 2-(p-CHLOROPHENYL)-4-THIAZOLE-ACETIC ACID * 2-(4-CHLOROPHENYL)-4-THIAZOLE-ACETIC ACID * 2-(p-CHLOROPHENYL)THIAZOL-4-YLACETIC ACID * 2-(4-CHLOROPHENYL)-THIAZOL-4-YLACETIC ACID * FENCLOZIC ACID * ICI 54,450 * MIALEX * MYALEX * 4-THIAZOLEACETIC ACID, 2-(4-CHLOROPHENYL)- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T16T71	orl-rat TDLo:50 mg/kg (20-21D preg)	NATUAS 240,37,72
1T23	orl-rat TDLo:200 mg/kg (5D male)	CCPTAY 19,129,79

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:850 mg/kg	NATUAS 221,582,69
*	ivn-rat LD50:300 mg/kg	NATUAS 221,582,69
*	orl-mus LD50:1000 mg/kg	NATUAS 221,582,69
*	ivn-mus LD50:250 mg/kg	NATUAS 221,582,69

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4-THIAZOLEACETIC ACID, 2-(4-CHLOROPHENYL)- (9CI) see: XJ1800000

XJ1850000 THIAZOLE-5-ACETIC ACID, 4-(p-CHLOROPHENYL)-2-(1,3-DIOXO-2-ISOINDOLYL)-, METHYL ESTER

UPDT:8306 CAS: 71013-48-4 MW: 412.86 MOLFM: C20-H13-Cl-N2-O4-S

SYN: 4-(p-CHLOROPHENYL)-2-(1,3-DIOXO-2-ISOINDOLYL)THIAZOLE-5-ACETIC ACID METHYL ESTER * EFT * ESTER METYL. KWASU 2-FTALIMIDO-4-p-CHLOROFENYLO-TIAZOLO-5-OCTOWEGO (Polish) * METHYL ESTER of 2-PHTHALIMIDO-4-p-CHLOROPHENYLTHIAZOLE-5-ACETIC ACID * 2-PHTHALIMIDO-4-p-CHLOROPHENYLTHIAZOLE-5-ACETIC ACID METHYL ESTER

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1160 mg/kg	AITEAT 27,777,79

XJ1876000 THIAZOLE-5-ACETIC ACID, 4-(p-CHLOROPHENYL)-2-((o-HYDROXYBENZYLIDENE)AMINO)-, METHYL ESTER

UPDT:8306 CAS: 71013-52-0 MW: 386.87 MOLFM: C19-H15-Cl-N2-O3-S

SYN: 4-(p-CHLOROPHENYL)-2-((o-HYDROXYBENZYLIDENE)AMINO)THIAZOLE-5-ACETIC ACID METHYL ESTER * EOFT * ESTER METYL. KWASU 2-(AMINO-o-HYDROKSY-BENZYLIDENO)4-p-CHLOROFENYLO-TIAZOLO-5-OCTOWEGO * 2-o-HYDROXYBENZYLIDENEAMINO-4-p-CHLOROPHENYLTHIAZOLE-5-ACETIC ACID METHYL ESTER

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1175 mg/kg	AITEAT 27,795,79

XJ1877000 THIAZOLE-5-ACETIC ACID, 4-(p-CHLOROPHENYL)-2-((p-HYDROXYBENZYLIDENE)AMINO)-, METHYL ESTER

UPDT:8306 CAS: 71013-51-9 MW: 386.87 MOLFM: C19-H15-Cl-N2-O3-S

SYN: 4-(p-CHLOROPHENYL)-2-((p-HYDROXYBENZYLIDENE)AMINO)THIAZOLE-5-ACETIC ACID METHYL ESTER * EPFT * ESTER METYL. KWASU 2-(AMINO-p-HYDROKSY-BENZYLIDENO)4-p-CHLOROFENYLO-TIAZOLO-5-OCTOWEGO * 2-p-HYDROXYBENZYLIDENEAMINO-4-p-CHLOROPHENYLTHIAZOLE-5-ACETIC ACID METHYL ESTER

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1375 mg/kg	AITEAT 27,795,79

XJ1888000 5-THIAZOLEACETIC ACID, 2-(p-CHLOROPHENYL)-4-METHYL-

UPDT:8306 CAS: 17969-41-4 MW: 267.74 MOLFM: C12-H10-Cl-N-O2-S

SYN: ACIDE p-CHLOROPHENYL-2 METHYL-4-THIAZOLE-ACETIQUE-5 (French) * 2-(p-CHLOROPHENYL)-4-METHYL-5-THIAZOLEACETIC ACID

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:405 mg/kg	THERAP 26,497,71

XJ1890000 5-THIAZOLEACETIC ACID, 4-(p-CHLOROPHENYL)-2-PHENYL-

UPDT:8408 CAS: 18046-21-4 MW: 329.81 MOLFM: C17-H12-Cl-N-O2-S

SYN: BR 700 * CH 800 * 4-(p-CHLOROPHENYL)-2-PHENYLTHIAZOLE-5-ACETIC ACID * 4-(p-CHLOROPHENYL)-2-PHENYL-5-THIAZOLEACETIC ACID * DONOREST * FENTIAZAC * FLOGENE * NORVEDAN * 5-THIAZOLEACETIC ACID, 4-(4-CHLOROPHENYL)-2-PHENYL)- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	orl-rat TDLo:525 mg/kg (14D pre/1-7D preg)	KSRNAM 13,1929,79
1T71	orl-rat TDLo:1350 mg/kg (17-22D preg/21D post)	KSRNAM 13,1929,79

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:409 mg/kg	NIIRDN 6,APP-17,82
*	ipr-rat LD50:325 mg/kg	NIIRDN 6,APP-17,82
*	scu-rat LD50:543 mg/kg	IYKEDH 13,637,82
*	ivn-rat LD50:173 mg/kg	IYKEDH 13,637,82
*	orl-mus LD50:520 mg/kg	NIIRDN 6,APP-17,82
*	ipr-mus LD50:385 mg/kg	IYKEDH 13,637,82
*	scu-mus LD50:655 mg/kg	IYKEDH 13,637,82
*	ivn-mus LD50:170 mg/kg	IYKEDH 13,637,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

5-THIAZOLEACETIC ACID, 4-(4-CHLOROPHENYL)-2-PHENYL)- (9CI) see: XJ1890000

XJ1920000 5-THIAZOLEACETIC ACID, 2,4-DIMETHYL-

UPDT:8306 CAS: 34272-65-6 MW: 171.23 MOLFM: C7-H9-N-O2-S

SYN: 2,4-DIMETHYL-5-THIAZOLEACETIC ACID

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:4250 mg/kg	THERAP 26,497,71

XJ1920500 4-THIAZOLEACETIC ACID, 2-(1-HYDANTOYL)-, ETHYL ESTER

UPDT:8406 MW: 269.30 MOLFM: C10-H11-N3-O4-S

SYN: 2-(1-HYDANTOYL)-4-THIAZOLEACETIC ACID ETHYL ESTER

TOXICITY DATA AND REFERENCES:

3F17F18F19	ipr-mus LD50:464 mg/kg	PHARAT 38,341,83

XJ1921000 5-THIAZOLEACETIC ACID, 2-MERCAPTO-4-METHYL-

UPDT:8306 CAS: 34272-64-5 MW: 175.25 MOLFM: C6-H7-O2-S2

SYN: 2-MERCAPTO-4-METHYL-5-THIAZOLEACETIC ACID

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:1680 mg/kg	THERAP 26,497,71

XJ1921500 5-THIAZOLEACETIC ACID, 4-METHYL-

UPDT:8306 CAS: 5255-33-4 MW: 157.20 MOLFM: C6-H7-N-O2-S

SYN: ACIDE METHYL-4 THIAZOLE-ACETIQUE-5 (French) * 4-METHYL-5-THIAZOLEACETIC ACID

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:3800 mg/kg	THERAP 26,497,71

XJ1922000 5-THIAZOLEACETIC ACID, 2-METHYL-4-PHENYL-

UPDT:8306 CAS: 34272-66-7 MW: 233.30 MOLFM: C12-H11-N-O2-S

SYN: 2-METHYL-4-PHENYL-5-THIAZOLEACETIC ACID

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:1210 mg/kg	THERAP 26,497,71

XJ1922500 5-THIAZOLEACETIC ACID, 4-METHYL-2-PHENYL-

UPDT:8306 CAS: 34272-67-8 MW: 233.30 MOLFM: C12-H11-N-O2-S

SYN: 4-METHYL-2-PHENYL-5-THIAZOLEACETIC ACID

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:1070 mg/kg	THERAP 26,497,71

XJ1923000 4-THIAZOLEACETIC ACID, 2-(2-PYRIDYL)-

UPDT:8306 CAS: 34272-68-9 MW: 220.26 MOLFM: C10-H8-N2-O2-S

SYN: 2-(2-PYRIDYL)-4-THIAZOLACETIC ACID

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:2500 mg/kg	THERAP 26,497,71

THIAZOLE, 2-ACETYLAMINO-4-(5-NITRO-2-FURYL)- see: AC6650000

2-THIAZOLAMINE, 4-METHYL- (9CI) see: XJ2620000

2-THIAZOLAMINE, 4-(4-NITRO-1H-PYRROL-2-YL)- (9CI) see: XJ2870020

2-THIAZOLAMINE, 4-(5-NITRO-1H-PYRROL-2-YL)- (9CI) see: XJ2870040

2-THIAZOLAMINE, 4-(4-NITRO-2-THIENYL)- (9CI) see: XJ2870060

XJ2100000 THIAZOLE, 2-AMINO-

UPDT:8406 CAS: 96-50-4 MW: 100.15 MOLFM: C3-H4-N2-S

SYN: ABADOL * ABADOLE * AMINOTHIAZOLE * 2-AMINOTHIAZOLE * BASEDOL * 2-THIAZOLAMINE * 2-THIAZOLYLAMINE * 2-THIAZYLAMINE * USAF EK-P-5501

MUTATION DATA AND REFERENCES:

	mmo-klp 1 mmol/L	MUREAV 118,153,83

TOXICITY DATA AND REFERENCES:

3F11F24J22	orl-rat LD50:480 mg/kg	JIHTAB 30,71,48
	ipr-mus LD50:200 mg/kg	NTIS** AD277-689
3F11F24J22	orl-cat LDLo:120 mg/kg	JIHTAB 30,71,48
3F11F24J22	orl-rbt LD50:370 mg/kg	JIHTAB 30,71,48
3F11F24J22	orl-gpg LDLo:120 mg/kg	JIHTAB 30,71,48

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XJ2280000 THIAZOLE, 2-AMINO-5-BROMO-

UPDT:8402 CAS: 3034-22-8

SYN: 2-AMINO-5-BROMOTHIAZOLE

MUTATION DATA AND REFERENCES:

	mmo-sat 500 umol/L	MUREAV 118,153,83
	mmo-klp 200 umol/L	MUREAV 118,153,83

XJ2300000 THIAZOLE, 2-AMINO-5-CHLORO-

UPDT:8402 CAS: 41663-73-4 MW: 134.59 MOLFM: C3-H3-Cl-N2-S

SYN: 2-AMINO-5-CHLOROTHIAZOLE

MUTATION DATA AND REFERENCES:

	mmo-sat 1 mmol/L	MUREAV 118,153,83
	mmo-klp 500 umol/L	MUREAV 118,153,83

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:180 mg/kg	CSLNX* NX#02306

XJ2620000 THIAZOLE, 2-AMINO-4-METHYL-

UPDT:8402 CAS: 1603-91-4

SYN: 2-AMINO-4-METHYLTHIAZOLE * NORMOTIROIDE * 2-THIAZOLAMINE, 4-METHYL- (9CI)

MUTATION DATA AND REFERENCES:

	mmo-klp 5 mmol/L	MUREAV 118,153,83

XJ2700000 THIAZOLE, 2-AMINO-4-METHYL-5-PHENYLCARBAMOYL-

UPDT:8309 CAS: 21452-14-2 MW: 219.30 MOLFM: C11-H11-N2-O-S

SYN: ALF * 2-AMINO-4-METHYL-5-CARBOXANILIDOTHIAZOLE * F 849 * SEEDVAX * SIDVAX * UNIROYAL F849

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1410 mg/kg	FMCHA2 -,C211,83
	unk-mam LD50:141 mg/kg	30ZDA9 -,419,71

XJ2800000 THIAZOLE, 2-AMINO-5-NITRO-

UPDT:8412 CAS: 121-66-4 MW: 145.15 MOLFM: C3-H3-N3-O2-S

SYN: AMINONITROTHIAZOLE * 2-AMINO-5-NITROTHIAZOLE * AMINONITROTHIAZOLUM * AMINZOL SOLUBLE * ENHEPTIN * ENHEPTIN PREMIX * ENHEPTIN-T * ENTRAMIN * NCI-C03065 * NITRAMIN * NITRAMINE * NITRAMIN IDO * 5-NITRO-2-AMINOTHIAZOLE * NITROMIN IDO * 5-NITRO-2-THIAZOLYLAMINE * 2-THIAZOLAMINE, 5-NITRO- (9CI) * USAF EK-6561

MUTATION DATA AND REFERENCES:

	mmo-sat 666 ug/plate	IAPUDO 27,283,80
	mmo-esc 50 umol/L	MUREAV 118,153,83
	mmo-klp 200 umol/L	MUREAV 118,153,83
	otr-rat:emb 14500 ng/plate	JJATDK 1,190,81
	dns-rat:lvr 50 mg/L	MUREAV 97,359,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T03	orl-rat TDLo:600 mg/kg (10D male)	TXAPA9 2,418,60
1T14	orl-rat TDLo:700 mg/kg (14D male)	TXAPA9 2,418,60

TUMORIGENIC DATA AND REFERENCES:

3V01P61P62	orl-rat TDLo:28 gm/kg/2Y-C	NCITR* NCI-CG-TR-53,78
3V02M61R60	orl-rat TD :23 gm/kg/46W-C	JNCIAM 54,841,75
2V03T64	orl-rat TD :12 gm/kg/2Y-C	NCITR* NCI-CG-TR-53,78

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:200 mg/kg	NTIS** AD277-689

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED	IARC** 31,71,83

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NCITR* NCI-CG-TR-53,78)

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-53,78)

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XJ2850000 THIAZOLE, 2-AMINO-4-(5-NITRO-2-FURYL)-

UPDT:8408 CAS: 38514-71-5 MW: 211.21 MOLFM: C7-H5-N3-O3-S

SYN: 2-AMINO-4-(5-NITRO-2-FURYL)THIAZOLE * ANFT

MUTATION DATA AND REFERENCES:

	mmo-sat 10 ng/plate	CNREA8 44,2331,84
	mma-sat 100 ng/plate	MUREAV 40,9,76
	dnr-sat 500 nmol/well	CNREA8 34,2266,74
	mmo-esc 300 nmol/well	CNREA8 34,2266,74
	dnr-esc 670 nmol/L	MUREAV 67,133,79
	mrc-esc 500 nmol/well	CNREA8 34,2266,74
	dnd-esc 10 umol/L	CBINA8 31,133,80
	oms-omi 50 umol/L	CRNGDP 3,1339,82
	bfa-rat/sat 113 mg/kg	FEPRA7 36,304,77
	bfa-mus/sat 226 mg/kg	FEPRA7 36,304,77
	bfa-ham/sat 226 mg/kg	FEPRA7 36,304,77
	bfa-gpg/sat 113 mg/kg	FEPRA7 36,304,77
	dnd-mam:lym 50 umol/L	CRNGDP 3,1339,82
	dns-dog:oth 1 umol/L	CNREA8 42,3974,82

TUMORIGENIC DATA AND REFERENCES:

3V01K60M60	orl-rat TDLo:30212 mg/kg/1Y-C	CRNGDP 3,275,82
3V02K60P61	orl-mus TDLo:68 gm/kg/46W-C	CNREA8 33,1593,73
2V03K60	orl-rat TD :40894 mg/kg/46W-C	PAACA3 21,75,80

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CCSUDL 4,171,78; BLFSBY 24,253,83

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XJ2854000 THIAZOLE, 2-AMINO-4-(2-(5-NITRO-2-FURYL)VINYL)-

UPDT:8305 CAS: 16239-84-2 MW: 237.25 MOLFM: C9-H7-N3-O3-S

SYN: 2-AMINO-4-(2-(5-NITRO-2-FURYL)VINYL)THIAZOLE * 1-(2-AMINOTHIAZOLY)-2-(5-NITRO-2-FURYL)ETHYLENE

MUTATION DATA AND REFERENCES:

	mmo-sat 1 nmol/plate	FEPRA7 41,330,82
	mma-sat 100 ng/plate	MUREAV 40,9,76
	dnr-sat 500 nmol/well	CNREA8 34,2266,74
	mmo-esc 300 nmol/well	CNREA8 34,2266,74

mrc-esc 500 nmol/well CNREA8 34,2266,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

XJ2860000 THIAZOLE, 2-AMINO-4-(p-NITROPHENYL)-
UPDT:8401 CAS: 2104-09-8 MW: 221.25 MOLFM: C9-H7-N3-O2-S
SYN: 2-AMINO-4-(p-NITROPHENYL)THIAZOLE
TUMORIGENIC DATA AND REFERENCES:
3V01J60R60 orl-rat TDLo:2150 mg/kg/13W-C JNCIAM 54,841,75
2V03P61 orl-mus TDLo:9600 mg/kg/46W-C CNREA8 33,1593,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XJ2870000 THIAZOLE, 2-AMINO-5-(p-NITROPHENYLSULFONYL)-
UPDT:8403 CAS: 39565-05-4 MW: 253.25 MOLFM: C9-H7-N3-O4-S
SYN: 2-AMINO-5-(p-NITROPHENYLSULFONYL)THIAZOLE
MUTATION DATA AND REFERENCES:
mmo-sat 50 umol/L MUREAV 118,153,83
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:178 mg/kg CSLNX* NX#00699

XJ2870020 THIAZOLE, 2-AMINO-4-(4-NITRO-2-PYRROLYL)-
UPDT:8403 CAS: 58139-56-3 MW: 210.23 MOLFM: C7-H6-N4-O2-S
SYN: 2-AMINO-4-(4-NITRO-2-PYRROLYL)THIAZOLE * 2-THIAZOLAMINE, 4-(4-NITRO-1H-PYRROL-2-YL)- (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 40 ug/plate CNREA8 35,3611,75
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

XJ2870040 THIAZOLE, 2-AMINO-4-(5-NITRO-2-PYRROLYL)-
UPDT:8403 CAS: 58139-54-1 MW: 210.23 MOLFM: C7-H6-N4-O2-S
SYN: 2-AMINO-4-(5-NITRO-2-PYRROLYL)THIAZOLE * 2-THIAZOLAMINE, 4-(5-NITRO-1H-PYRROL-2-YL)- (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 80 ug/plate CNREA8 35,3611,75
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

XJ2870060 THIAZOLE, 2-AMINO-4-(4-NITRO-2-THIENYL)-
UPDT:8403 CAS: 58139-51-8 MW: 185.24 MOLFM: C7-H5-O2-S2
SYN: 2-AMINO-4-(4-NITRO-2-THIENYL)THIAZOLE * 2-THIAZOLAMINE, 4-(4-NITRO-2-THIENYL)- (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 2500 ng/plate CNREA8 35,3611,75
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

XJ2870080 THIAZOLE, 2-AMINO-4-(5-NITRO-2-THIENYL)-
UPDT:8406 CAS: 34801-16-6 MW: 227.27 MOLFM: C7-H5-N3-O2-S2
SYN: 2-AMINO-4-(5-NITRO-2-THIENYL)THIAZOLE * 2-THIAZOLAMINE, 4-(5-NITRO-2-THIENYL)- (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 2500 ng/plate CNREA8 35,3611,75
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

XJ2880000 THIAZOLE, 4-(p-AMINOPHENYL)-2-HYDRAZINO-
UPDT:8401 CAS: 26049-71-8 MW: 206.29 MOLFM: C9-H10-N4-S
SYN: 2-HYDRAZINO-4-(p-AMINOPHENYL)THIAZOLE * 2-HYDRAZINO-4-(4-AMINOPHENYL)THIAZOLE
TUMORIGENIC DATA AND REFERENCES:
3V01K60R60 orl-rat TDLo:12 gm/kg/24W-C CNREA8 30,897,70
2V03P61 orl-mus TDLo:8000 mg/kg/46W-C CNREA8 33,1593,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XJ2985000 THIAZOLE, 5-(2-BROMOETHYL)-4-METHYL-, ETHANEDISULFONATE
UPDT:8309 MW: 396.32 MOLFM: C6-H8-Br-N-S C2-H6-O6-S2
SYN: 5-(2-BROMOETHYL)-4-METHYLTHIAZOLE ETHANEDISULFONATE
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:236 mg/kg APFRAD 23,179,65

XJ2986000 THIAZOLE, 2-BROMO-5-NITRO-
UPDT:8402 CAS: 3034-48-8 MW: 176.97 MOLFM: C3-H-Br-N2-O2
SYN: 2-BROMO-5-NITROTHIAZOLE
MUTATION DATA AND REFERENCES:
mmo-sat 100 umol/L MUREAV 118,153,83
mmo-klp 100 umol/L MUREAV 118,153,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XJ3600000 4-THIAZOLECARBOXAMIDE, 2-beta-D-RIBOFURANOSYL-
UPDT:8412 CAS: 60084-10-8 MW: 260.29 MOLFM: C9-H12-N2-O5-S
SYN: NSC-286193 * 2-beta-D-RIBOFURANOSYL-4-THIAZOLECARBOXAMIDE * RIBOXAMIDE * TIAZOFURIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 ivn-mus TDLo:3425 mg/kg (1D male) NTIS** PB83-156901
TOXICITY DATA AND REFERENCES:
2F07P30 ivn-mus LD50:3400 mg/kg NTIS** PB83-156901
3F07F15F16 ivn-dog LDLo:1090 mg/kg NTIS** PB83-156901
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XJ3680000 5-THIAZOLECARBOXYLIC ACID, 4-METHYL-
UPDT:8306 CAS: 20485-41-0 MW: 143.17 MOLFM: C5-H5-N-O2-S
SYN: 4-METHYL-5-THIAZOLECARBOXYLIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1350 mg/kg THERAP 26,497,71

XJ3683000 5-THIAZOLECARBOXYLIC ACID, 4-METHYL-2-(2-PYRIDYL)-
UPDT:8306 CAS: 34418-48-9 MW: 220.26 MOLFM: C10-H8-N2-O2-S
SYN: 4-METHYL-2-(2-PYRIDYL)-5-THIAZOLECARBOXYLIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1130 mg/kg THERAP 26,497,71

XJ3830000 THIAZOLE, 5-(4-CHLOROBUTYL)-4-METHYL-, 1,2-ETHANEDISULFONATE
UPDT:8312 MW: 379.92 MOLFM: C8-H12-Cl-N-S C2-H6-O6-S2
SYN: 5-(4-CHLOROBUTYL)-4-METHYLTHIAZOLE 1,2-ETHANEDISULFONATE * ETHANEDISULFONATE-1,2 de METHYL-4 delta-CHLOROBUTYL-5 THIAZOLE (French)
TOXICITY DATA AND REFERENCES:
2F07F17 ivn-mus LD50:151 mg/kg APFRAD 23,369,65

XJ3860000 THIAZOLE, 5-(2-CHLOROETHYL)-4-METHYL-, ETHANEDISULFONATE
UPDT:8309 MW: 351.86 MOLFM: C6-H8-Cl-N-S C2-H6-O6-S2
SYN: 5-(2-CHLOROETHYL)-4-METHYLTHIAZOLE ETHANEDISULFONATE
TOXICITY DATA AND REFERENCES:
1F02 ivn-mus LD50:220 mg/kg APFRAD 23,179,65

XJ3880000 THIAZOLE, 5-(CHLOROMETHYL)-4-METHYL-, 1,2-ETHANEDISULFONATE
UPDT:8312 MW: 337.83 MOLFM: C5-H6-Cl-N-S C2-H6-O6-S2
SYN: 5-(CHLOROMETHYL)-4-METHYLTHIAZOLE 1,2-ETHANEDISULFONATE * ETHANEDISULFONATE-1,2 de METHYL-4 CHLOROMETHYL-5 THIAZOLE (French)
TOXICITY DATA AND REFERENCES:
2F13F17 ivn-mus LD50:178 mg/kg APFRAD 23,369,65

THIAZOLE, 2-CHLORO-4-(5-NITRO-2-FURANYL)- (9CI) see: XJ3930000

XJ3930000 THIAZOLE, 2-CHLORO-4-(5-NITRO-2-FURYL)-
UPDT:8403 CAS: 51728-03-1 MW: 230.63 MOLFM: C7-H3-Cl-N2-O3-S
SYN: 2-CHLORO-4-(5-NITRO-2-FURYL)THIAZOLE * THIAZOLE, 2-CHLORO-4-(5-NITRO-2-FURANYL)- (9CI)
MUTATION DATA AND REFERENCES:
mmo-esc 10 ug/plate MUREAV 26,3,74
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

XJ3952000 THIAZOLE, 5-(3-CHLOROPROPYL)-4-METHYL-, 1,2-ETHANEDISULFONATE
UPDT:8312 MW: 365.89 MOLFM: C7-H10-Cl-N-S C2-H6-O6-S2
SYN: 5-(3-CHLOROPROPYL)-4-METHYLTHIAZOLE 1,2-ETHANEDISULFONATE * ETHANEDISULFONATE-1,2 de METHYL-4 gamma-CHLOROPROPYL-5 THIAZOLE (French)
TOXICITY DATA AND REFERENCES:
2F07F17 ivn-mus LD50:191 mg/kg APFRAD 23,369,65

2,4-THIAZOLEDIAMINE, 5-PHENYL-, MONOHYDROCHLORIDE (9CI) see: XJ4025000

XJ3960000 THIAZOLE, 2,2'-DIAMINO-4,4'-BIS-
UPDT:8403 CAS: 58139-59-6 MW: 198.28 MOLFM: C6-H6-N4-S2
SYN: (4,4'-BITHIAZOLE)-2,2'-DIAMINE (9CI) * 2,2'-DIAMINO-4,4'-BIS-THIAZOLE
MUTATION DATA AND REFERENCES:
mmo-sat 2500 ng/plate CNREA8 35,3611,75
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

XJ4020000 THIAZOLE, 2,4-DIAMINO-5-PHENYL-
UPDT:8403 CAS: 490-55-1 MW: 191.27 MOLFM: C9-H9-N3-S
SYN: AMIFENAZOL * AMIPHENAZOL * AMIPHENAZOLE * DAFTAZOL * DAPT * DAPTAZILE * DAPTAZOLE * DHA-245 * 2,4-DIAMINO-5-PHENYLTHIAZOLE * DIZOL * FENAMIZOL * PHENAMIZOL * PHENAMIZOLE * 5-PHENYL-2,4-THIAZOLEDIAMINE
TOXICITY DATA AND REFERENCES:
3F12J20J26 ipr-mus LD50:290 mg/kg PCJOAU 7,489,73

XJ4025000 THIAZOLE, 2,4-DIAMINO-5-PHENYL-, HYDROCHLORIDE
UPDT:8305 CAS: 942-31-4 MW: 227.73 MOLFM: C9-H9-N3-S Cl-H
SYN: AMIFENATSOL HYDROCHLORIDE * AMIPHENAZOLE HYDROCHLORIDE * AMPHENAZOLE HYDROCHLORIDE * AMPHISOL HYDROCHLORIDE * DAFTAZOL HYDROCHLORIDE * DAPTAZILE HYDROCHLORIDE * DAPTAZOLE HYDROCHLORIDE * 2,4-DIAMINO 5-PHENYLTHIAZOL CHLORHYDRATE (French) * 2,4-DIAMINO-5-PHENYLTHIAZOLE HYDROCHLORIDE * DPT * FENAMIZOL HYDROCHLORIDE * PHENAMIZOLE HYDROCHLORIDE * THIAZOLE, 2,4-DIAMINO-5-PHENYL-, MONOHYDROCHLORIDE (8CI) * 2,4-THIAZOLEDIAMINE, 5-PHENYL-, MONOHYDROCHLORIDE (9CI)
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:300 mg/kg 27ZQAG -,201,72
orl-mus LD50:372 mg/kg 27ZQAG -,201,72
ipr-mus LD50:200 mg/kg 27ZQAG -,201,72
* unk-gpg LD50:144 mg/kg AIPTAK 110,465,57

THIAZOLE, 2,4-DIAMINO-5-PHENYL-, MONOHYDROCHLORIDE (8CI) see: XJ4025000

XJ4600000 THIAZOLE, 2-(2,2-DIMETHYLHYDRAZINO)-4-(5-NITRO-2-FURYL)-
UPDT:8401 CAS: 26049-69-4 MW: 254.29 MOLFM: C9-H10-N4-O3-S
SYN: 2-(2,2-DIMETHYLHYDRAZINO)-4-(5-NITRO-2-FURYL)THIAZOLE * DMNT
MUTATION DATA AND REFERENCES:
mmo-sat 100 ng/plate MUREAV 40,9,76
dnr-sat 500 nmol/well CNREA8 34,2266,74
mmo-esc 300 nmol/well CNREA8 34,2266,74
mrc-esc 500 nmol/well CNREA8 34,2266,74
pic-esc 1 mg/L MUREAV 26,3,74
TUMORIGENIC DATA AND REFERENCES:
3V01K60R60 orl-rat TDLo:4800 mg/kg/46W-I CNREA8 30,897,70
3V01K60P61 orl-mus TDLo:15 gm/kg/17W-C CNREA8 33,1593,73
3V01R60L60 orl-rat TD :31 gm/kg/44W-C PAACA3 10,15,69
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CCSUDL 4,171,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XJ4615000 THIAZOLE, 2-(3,5-DIMETHYL-1-PYRAZOLYL)-4-METHYL-
UPDT:8312 CAS: 75007-32-8 MW: 193.29 MOLFM: C9-H11-N3-S
SYN: 2-(3,5-DIMETHYL-1-PYRAZOLYL)-4-METHYLTHIAZOLE * 1-(4-METHYLTHIAZOL-2-YL)-3,5-DIMETHYLPYRAZOLE * THIAZOLE, 2-(3,5-DIMETHYL-1H-PYRAZOL-1-YL)-4-METHYL- (10CI)
TOXICITY DATA AND REFERENCES:
2J30U26 ipr-mus LD50:250 mg/kg PCJOAU 14,383,80

THIAZOLE, 2-(3,5-DIMETHYL-1H-PYRAZOL-1-YL)-4-METHYL- (10CI) see: XJ4615000

XJ4618000 THIAZOLE, 2-(3,5-DIMETHYL-1-PYRAZOLYL)-4-PHENYL-
UPDT:8401 CAS: 75007-33-9 MW: 255.36 MOLFM: C14-H13-N3-S
SYN: 2-(3,5-DIMETHYL-1-PYRAZOLYL)-4-PHENYLTHIAZOLE * THIAZOLE, 2-(3,5-DIMETHYL-1H-PYRAZOL-1-YL)-4-PHENYL- (10CI)
TOXICITY DATA AND REFERENCES:
2J30U26 ipr-mus LD50:3000 mg/kg PCJOAU 14,383,80

THIAZOLE, 2-(3,5-DIMETHYL-1H-PYRAZOL-1-YL)-4-PHENYL- (10CI) see: XJ4618000

XJ4619000 THIAZOLE, 2-(2,2-DIMETHYLTETRAHYDRO-2H-PYRAN-4-YL)-4-PHENYL-
UPDT:8311 MW: 273.42 MOLFM: C16-H19-N-O-S
SYN: 2-(2,2-DIMETHYLTETRAHYDRO-2H-PYRAN-4-YL)-4-PHENYLTHIAZOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:579 mg/kg PCJOAU 16,607,82

2,4(3H,5H)-THIAZOLEDIONE see: XJ5775000

XJ4665000 5-THIAZOLEETHANETHIOL, 4-METHYL-, ETHANEDISULFONATE
UPDT:8309 MW: 349.48 MOLFM: C6-H9-N-S2 C2-H6-O6-S2
SYN: 4-METHYL-5-THIAZOLEETHANETHIOL ETHANEDISULFONATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:156 mg/kg APFRAD 23,179,65

XJ4672000 5-THIAZOLEETHANOL, 4-METHYL-, ACETATE (ester), ETHANEDISULFONATE
UPDT:8309 MW: 375.46 MOLFM: C8-H11-O2-N-S C2-H6-O6-S2
SYN: 4-METHYL-5-THIAZOLEETHANOL ACETATE (ester) ETHANEDISULFONATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:404 mg/kg APFRAD 23,179,65

XJ4672500 5-THIAZOLEETHANOL, 4-METHYL-, CARBAMATE (ester), HYDROCHLORIDE
UPDT:8309 MW: 222.71 MOLFM: C7-H10-N2-O2-S Cl-H
SYN: 4-METHYL-5-THIAZOLEETHANOL CARBAMATE (ester), HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:580 mg/kg APFRAD 23,179,65

XJ4673000 5-THIAZOLEETHANOL, 4-METHYL-, ETHANEDISULFONATE
UPDT:8309 MW: 333.42 MOLFM: C6-H9-N-O-S C2-H6-O6-S2
SYN: METHYL-4 beta-HYDROXY-ETHYL-5 THIAZOLE ETHANEDISULFONATE (French) * 4-METHYL-5-THIAZOLEETHANOL ETHANEDISULFONATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1356 mg/kg APFRAD 23,179,65

XJ4900000 THIAZOLE, 2-HYDRAZINO-4(5-NITRO-2-FURYL)-
UPDT:8406 CAS: 26049-68-3 MW: 226.23 MOLFM: C7-H6-N4-O3-S
SYN: 2-HYDRAZINO-4-(5-NITRO-2-FURANYL)THIAZOLE * HNT * 2-HYDRAZINO-4-(5-NITRO-2-FURYL)THIAZOLE
MUTATION DATA AND REFERENCES:
mmo-esc 10 ug/plate MUREAV 26,3,74
pic-esc 100 ug/L MUREAV 26,3,74
TUMORIGENIC DATA AND REFERENCES:
3V01R60J60 orl-rat TDLo:14 gm/kg/44W-C PAACA3 10,15,69
3V02K60P61 orl-mus TDLo:38 gm/kg/46W-C CNREA8 33,1593,73
3V02M61R60 orl-rat TD :21 gm/kg/46W-C JNCIAM 47,437,71
3V01K60R60 orl-rat TD :21 gm/kg/46W-C CNREA8 30,897,70
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CCSUDL 4,171,78
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XJ5075000 THIAZOLE, 2-HYDRAZINO-4-(p-NITROPHENYL)-
UPDT:8401 CAS: 26049-70-7 MW: 236.27 MOLFM: C9-H8-N4-O2-S

SYN: 2-HYDRAZINO-4-(4-NITROPHENYL)THIAZOLE
TUMORIGENIC DATA AND REFERENCES:
3V01K60R60 orl-rat TDLo:2700 mg/kg/46W-C JNCIAM 51,403,73
3V03J60P61 orl-mus TDLo:8000 mg/kg/46W-C CNREA8 33,1593,73
3V01K60R60 orl-rat TD :37 gm/kg/46W-C CNREA8 30,897,70
2V01R60 orl-rat TD :29 gm/kg/44W-C PAACA3 10,15,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XJ5090500 THIAZOLE, 5-(2-IODOETHYL)-4-METHYL-, ETHANEDISULFONATE
UPDT:8311 MW: 443.31 MOLFM: C6-H8-I-N-S .C2-H6-O6-S2
SYN: 5-(2-IODOETHYL)-4-METHYLTHIAZOLE ETHANEDISULFONATE
TOXICITY DATA AND REFERENCES:
1F01 ivn-mus LD50:190 mg/kg APFRAD 23,179,65

XJ5091000 THIAZOLE, 2-(2-ISOPROPYLTETRAHYDRO-2H-PYRAN-4-YL)-4-PHENYL-
UPDT:8312 MW: 287.45 MOLFM: C17-H21-N-O-S
SYN: 2-(2-ISOPROPYLTETRAHYDRO-2H-PYRAN-4-YL)-4-PHENYLTHIAZOLE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg PCJOAU 16,607,82

XJ5092000 THIAZOLE, 5-METHOXY-2-METHYL-
UPDT:8305 MW: 129.19 MOLFM: C5-H7-N-O-S
SYN: FEMA 3192 * 5-METHOXY-2-METHYLTHIAZOLE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1250 mg/kg FCTXAV 13,487,75

XJ5131640 5-THIAZOLIDINEACETIC ACID, 2,4-DIOXO-3-(p-TOLYL)-, 2-(p-ACETYLPHENYL)HYDRAZONE
UPDT:8310 MW: 394.45 MOLFM: C20-H16-N3-O4-S
SYN: 5-CARBOXYMETHYL-3-p-TOLYL-THIAZOLIDINE-2,4-DIONE-2-ACETOPHENONEHYDRAZONE * 5-KARBOKSIMETIL-3-p-TOLIL-TIAZOLIDIN-2,4-DION-2-ACETOFENONHIDRAZON (Czech)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:600 mg/kg ZDVEA7 39(Suppl 1),20,70
* ipr-rat LD50:2160 mg/kg ZDVEA7 39(Suppl 1),20,70
* orl-mus LD50:820 mg/kg ZDVEA7 39(Suppl 1),20,70
* ipr-mus LD50:1890 mg/kg ZDVEA7 39(Suppl 1),20,70

XJ5131750 delta(sup 2,alpha)-THIAZOLIDINEACETIC ACID, 3-ETHYL-4-OXO-5-PIPERIDINO-, ETHYL ESTER, (Z)-
UPDT:8403 CAS: 17243-64-0 MW: 270.38 MOLFM: C12-H18-N2-O3-S
SYN: ACETIC ACID, 2-(3-ETHYL-4-OXO-5-PIPERIDINO-2-THIAZOLIDINYLIDENE)-, (Z)- * Z-(3-AETHYL-4-OXO-5-PIPERIDINO-THIAZOLIDIN-2-YLIDEN)-ESSIGSAURE-AETHYLESTER (German) * ETHYL 3-ETHYL-4-OXO-5-PIPERIDINO-delta(sup 2,alpha)-THIAZOLIDINEACETATE * ETHYL (Z)-(3-ETHYL-4-OXO-5-PIPERIDINOTHIAZOLIDIN-2-YLIDENE)ACETATE * cis-2-(3-ETHYL-4-OXO-5-PIPERIDINO-2-THIAZOLIDINYLIDENE)ACETIC ACID * (3-ETHYL-4-OXO-5-(1-PIPERIDINYL)-2-THIAZOLIDINYLIDENE)ACETIC ACID ETHYL ESTER * Go 919 * PIPROZOLIN * PIPROZOLINE * PROBILIN * W 3699
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3256 mg/kg ARZNAD 27,467,77
orl-mus LD50:1070 mg/kg ARZNAD 27,467,77

XJ5131860 delta(sup 2,alpha)-THIAZOLIDINEACETIC ACID, 4-OXO-, BUTYL ESTER
UPDT:8402 CAS: 832-06-4 MW: 215.29 MOLFM: C9-H13-N-O3-S
SYN: ACETIC ACID, (4-OXO-2-THIAZOLIDINYLIDENE)-, BUTYL ESTER (9CI) * 2-BUTOXYCARBONYLMETHYLENE-4-OXOTHIAZOLIDONE * 2-(n-BUTYLOXYCARBONYLMETHYLENE)THIAZOLID-4-ONE * ICI 43823
TUMORIGENIC DATA AND REFERENCES:
3V03M60M61 orl-rat TDLo:193 gm/kg/2Y-C EXMDA4 145,289,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

delta(sup 2,alpha)-THIAZOLIDINEACETIC ACID, 3-METHYL-4-OXO-5-PIPERIDINO-, ETHYL ESTER (8CI) see: AI9160000

XJ5139000 THIAZOLIDINE, 2-(m-BROMOPHENYL)-
UPDT:8403 CAS: 67086-84-4 MW: 244.17 MOLFM: C9-H10-Br-N-S
SYN: 2-(m-BROMOPHENYL)THIAZOLIDINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1000 mg/kg EJMCA5 13,149,78

THIAZOLIDINECARBOXYLIC ACID see: XJ5425000
THIAZOLIDINECARBOXYLIC ACID see: XJ5425500
THIAZOLIDINE-4-CARBOXYLIC ACID see: XJ5425000

XJ5425000 4-THIAZOLIDINECARBOXYLIC ACID
UPDT:8309 CAS: 444-27-9 MW: 133.18 MOLFM: C4-H7-N-O2-S
SYN: ATC * 4-CARBOXYTHIAZOLIDINE * HEPALIDINE * HEPAREGENE * NORGAMEM * NSC 25855 * T-4CA * THIAZOLIDINECARBOXYLIC ACID * THIAZOLIDINE-4-CARBOXYLIC ACID * THIOPROLINE * USAF A-3701 * USAF C-1
TOXICITY DATA AND REFERENCES:
3F07F11M12 orl-hmn TDLo:420 mg/kg LANCAO 1,778,81
3F07F12F13 ipr-rat LDLo:250 mg/kg CTRRDO 64,837,80
orl-mus LD50:400 mg/kg 85ESA3 9,1201,76
ipr-mus LD50:100 mg/kg NTIS** AD277-689
unk-mus LD50:300 mg/kg LANCAO 1,68,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

L-THIAZOLIDINE-4-CARBOXYLIC ACID see: XJ5425500

XJ5425500 4-THIAZOLIDINECARBOXYLIC ACID, L-
UPDT:8310 MW: 133.18 MOLFM: C4-H7-N-O2-S
SYN: 4-CARBOXYTHIAZOLIDINE * HEPALIDINE * HEPAREGENE * T 4CA * gamma THIAPROLINE * THIAZOLIDINECARBOXYLIC ACID * L-THIAZOLIDINE-4-CARBOXYLIC ACID * TIMONACIC
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:178 mg/kg CSLNX* NX#00644

XJ5563000 THIAZOLIDINE, 2,2-DIETHYL-
UPDT:8303 CAS: 766-27-8 MW: 145.29 MOLFM: C7-H15-N-S
SYN: 2,2-DIETHYLTHIAZOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:800 mg/kg EJMCA5 17,433,82

XJ5565700 THIAZOLIDINE, 2,2-DIMETHYL-
UPDT:8401 CAS: 19351-18-9 MW: 117.23 MOLFM: C5-H11-N-S
SYN: 2,2-DIMETHYLTHIAZOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:500 mg/kg EJMCA5 17,433,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

THIAZOLIDINEDIONE-2,4 see: XJ5775000

XJ5775000 2,4-THIAZOLIDINEDIONE
UPDT:8406 CAS: 2295-31-0 MW: 117.13 MOLFM: C3-H3-N-O2-S
SYN: 2,4-DIOXOTHIAZOLIDINE * 2,4(3H,5H)-THIAZOLEDIONE * THIAZOLIDINEDIONE-2,4 * USAF EK-5496
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:400 mg/kg NTIS** AD277-689
* scu-mus LD50:335 mg/kg FRPSAX 9,274,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XJ5785000 2,4-THIAZOLIDINEDIONE, 5-(4-AMINO-3-METHOXYBENZYL)-
UPDT:8402 MW: 252.31 MOLFM: C11-H12-N2-O3-S
SYN: 5-(4-AMINO-3-METHOXYBENZYL)-2,4-THIAZOLIDINEDIONE * 5-(4-AMINO-3-METHOXYBENZYL)THIAZOLIDINE-2,4-DIONE
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:500 mg/kg CPBTAL 31,560,83

XJ5813300 2,4-THIAZOLIDINEDIONE, 5-ETHYL-, 2-HYDRAZONE
UPDT:8402 CAS: 32003-22-8 MW: 159.23 MOLFM: C5-H9-N3-O-S
SYN: 5-ETHYL-2,4-THIAZOLIDINEDIONE 2-HYDRAZONE
TOXICITY DATA AND REFERENCES:
2A11F07 ipr-mus LD50:6600 ug/kg RPTOAN 43,213,80

XJ5813500 2,4-THIAZOLIDINEDIONE, 4-HYDRAZONE
UPDT:8402 CAS: 34794-85-9 MW: 131.17 MOLFM: C3-H5-N3-O-S
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:109 mg/kg RPTOAN 43,213,80

XJ5813900 2,4-THIAZOLIDINEDIONE, 4-OXIME
UPDT:8402 CAS: 19387-59-8 MW: 132.15 MOLFM: C3-H4-N2-O2-S
TOXICITY DATA AND REFERENCES:
2A11F07 ipr-mus LD50:440 mg/kg RPTOAN 43,213,80

2,4-THIAZOLIDINEDIONE, 2-THIO- see: VI7700000

XJ5950300 2,4-THIAZOLIDINEDIONE, 5-(2,4,5-TRIETHOXYBENZYL)-
UPDT:8402 MW: 339.44 MOLFM: C16-H21-N-O5-S
SYN: 5-(2,4,5-TRIETHOXYBENZYL)-2,4-THIAZOLIDINEDIONE
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:500 mg/kg CPBTAL 31,560,83

XJ5950400 2,4-THIAZOLIDINEDIONE, 5-(2,4,5-TRIMETHOXYBENZYL)-
UPDT:8402 MW: 297.35 MOLFM: C13-H15-N-O5-S
SYN: 5-(2,4,5-TRIMETHOXYBENZYL)-2,4-THIAZOLIDINEDIONE * 5-(2,4,5-TRIMETHOXYBENZYL)THIAZOLIDINE-2,4-DIONE
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:500 mg/kg CPBTAL 31,560,83

XJ5951000 THIAZOLIDINE, 2,2-DIPROPYL-
UPDT:8303 CAS: 16763-41-0 MW: 173.35 MOLFM: C9-H19-N-S
SYN: 2,2-DIPROPYLTHIAZOLIDINE
TOXICITY DATA AND REFERENCES:
* par-mus LD50:1000 mg/kg EJMCA5 17,433,82

XJ5952000 5-THIAZOLIDINEETHANOL, 3-((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)-4-METHYL-
UPDT:8408 CAS: 15233-41-7 MW: 268.42 MOLFM: C12-H20-N4-O-S
SYN: TETRAHYDROTHIAMIN * TETRAHYDROTHIAMINE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:430 mg/kg VABBA3 (6),54,77

XJ5952500 5-THIAZOLIDINEETHANOL, 3-((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)-4-METHYL-, DIHYDROGEN PHOSPHATE (ester)
UPDT:8408 CAS: 60689-64-7 MW: 348.40 MOLFM: C12-H21-N4-O4-P-S
SYN: TETRAHYDROTHIAMINE MONOPHOSPHATE * TETRAHYDROTHIAMIN MONOPHOSPHATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1115 mg/kg VABBA3 (6),54,77

XJ5963000 THIAZOLIDINE, 2-(p-FLUOROPHENYL)-2-METHYL-
UPDT:8302 CAS: 67189-30-4 MW: 197.29 MOLFM: C10-H12-F-N-S
SYN: 2-(p-FLUOROPHENYL)-2-METHYLTHIAZOLIDINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1000 mg/kg EJMCA5 13,149,78
* par-mus LD50:1000 mg/kg EJMCA5 17,433,82

XJ6001100 2-THIAZOLIDINEHEXANOIC ACID, 4-OXO-, ETHYL ESTER
UPDT:8308 MW: 245.37 MOLFM: C11-H19-N-O3-S
SYN: ACIDOMYCIN ETHYL ESTER * 4-OXO-2-THIAZOLIDINEHEXANOIC ACID ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:250 mg/kg ANTCAO 2,453,52

XJ6001170 2-THIAZOLIDINEHEXANOIC ACID, 4-OXO-, METHYL ESTER
UPDT:8308 MW: 231.34 MOLFM: C10-H17-N-O3-S
SYN: 4-OXO-2-THIAZOLIDINEHEXANOIC ACID METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-rbt LDLo:90 mg/kg ANTCAO 2,453,52

XJ6023900 THIAZOLIDINE-2-METHANOL, 3-NITROSO-
UPDT:8412 MW: 148.20 MOLFM: C4-H8-N2-O2-S
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate FCTOD7 22,253,84
mma-sat 100 ug/plate FCTOD7 22,253,84

XJ6053000 THIAZOLIDINE, 2-(p-METHOXYPHENYL)-2-METHYL-
UPDT:8302 CAS: 74019-44-6 MW: 209.33 MOLFM: C11-H15-N-O-S
SYN: 2-(p-METHOXYPHENYL)-2-METHYLTHIAZOLIDINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1000 mg/kg EJMCA5 13,149,78
* par-mus LD50:1500 mg/kg EJMCA5 17,433,82

XJ6061100 THIAZOLIDINE, 2-METHYL-2-PHENYL-
UPDT:8303 CAS: 770-86-5 MW: 179.30 MOLFM: C10-H13-N-S
SYN: 2-METHYL-2-PHENYLTHIAZOLIDINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1000 mg/kg EJMCA5 13,149,78

XJ6090200 THIAZOLIDINE, 3-NITROSO-
UPDT:8412 MW: 118.17 MOLFM: C3-H6-N2-O-S
SYN: N-NITROSOTHIAZOLIDINE * NT
MUTATION DATA AND REFERENCES:
mmo-sat 2500 ng/plate FCTOD7 22,253,84
mma-sat 2500 ng/plate FCTOD7 22,253,84

XJ6094000 THIAZOLIDINE, 2-PHENYL-
UPDT:8403 CAS: 4569-82-8 MW: 165.27 MOLFM: C9-H11-N-S
SYN: 2-PHENYLTHIAZOLIDINE * PHENYL-2 THIAZOLIDINE (French)
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1000 mg/kg EJMCA5 13,149,78

XJ6176000 4-THIAZOLIDINONE, 2-(p-AMINOPHENYL)-3-(3-BUTYLAMINOPROPYL)-, HYDROCHLORIDE
UPDT:8405 MW: 343.96 MOLFM: C16-H25-N3-O-S .Cl-H
SYN: 2-(p-AMINOPHENYL)-3-(3-BUTYLAMINOPROPYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 3131
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:34 mg/kg JAPMA8 40,132,51

XJ6192000 4-THIAZOLIDINONE, 3-(3-BENZYLAMINOPROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-, HYDROCHLORIDE
UPDT:8405 MW: 406.96 MOLFM: C20-H22-N2-O3-S .Cl-H
SYN: 3-(3-BENZYLAMINOPROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 3078
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:28 mg/kg JAPMA8 40,132,51

XJ6216000 4-THIAZOLIDINONE, 3-(3-(BUTEN-2-YLAMINO)PROPYL)-2-(p-NITROPHENYL)-, HYDROCHLORIDE
UPDT:8405 MW: 371.92 MOLFM: C16-H21-N3-O3-S .Cl-H
SYN: 3-(3-(BUTEN-2-YLAMINO)PROPYL)-2-(p-NITROPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 3107
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:12 mg/kg JAPMA8 40,132,51

XJ6217000 4-THIAZOLIDINONE, 2-(p-BUTOXYPHENYL)-3-(3-PROPYLAMINOPROPYL)-, HYDROCHLORIDE
UPDT:8405 MW: 387.03 MOLFM: C19-H30-N2-O2-S Cl-H
SYN: 2-(p-BUTOXYPHENYL)-3-(3-PROPYLAMINOPROPYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 3151
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:40 mg/kg JAPMA8 40,132,51

XJ6218000 4-THIAZOLIDINONE, 3-(3-BUTYLAMINOPROPYL)-2-(p-CHLOROPHENYL)-, HYDROCHLORIDE
UPDT:8405 MW: 363.38 MOLFM: C16-H23-Cl-N2-O-S Cl-H
SYN: 3-(3-BUTYLAMINOPROPYL)-2-(p-CHLOROPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 3050
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:5 mg/kg JAPMA8 40,132,51

XJ6218200 4-THIAZOLIDINONE, 3-(3-BUTYLAMINOPROPYL)-2-(3,4-DIMETHOXYPHENYL)-, HYDROCHLORIDE
UPDT:8405 MW: 389.00 MOLFM: C18-H28-N2-O3-S Cl-H
SYN: 3-(3-BUTYLAMINOPROPYL)-2-(3,4-DIMETHOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 3094
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:63 mg/kg JAPMA8 40,132,51

XJ6218400 4-THIAZOLIDINONE, 3-(3-BUTYLAMINOPROPYL)-5-ETHYL-2-PHENYL-, HYDROCHLORIDE
UPDT:8407 MW: 357.00 MOLFM: C18-H28-N2-O-S Cl-H
SYN: 3-(3-BUTYLAMINOPROPYL)-5-ETHYL-2-PHENYL-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 3077
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:30 mg/kg JAPMA8 40,132,51

XJ6218600 4-THIAZOLIDINONE, 3-(3-BUTYLAMINOPROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-, HYDROCHLORIDE
UPDT:8405 MW: 372.95 MOLFM: C17-H24-N2-O3-S Cl-H
SYN: 3-(3-BUTYLAMINOPROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 2774
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg JAPMA8 40,132,51

XJ6218800 4-THIAZOLIDINONE, 3-(3-BUTYLAMINOPROPYL)-2-PHENYL-, HYDROCHLORIDE
UPDT:8405 MW: 328.94 MOLFM: C16-H24-N2-O-S Cl-H
SYN: 3-(3-BUTYLAMINOPROPYL)-2-PHENYL-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 3075
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:34 mg/kg JAPMA8 40,132,51

XJ6242000 4-THIAZOLIDINONE, 2-(p-CHLOROPHENYL)-3-(2-DIBUTYLAMINOETHYL)-, HYDROCHLORIDE
UPDT:8405 MW: 405.47 MOLFM: C19-H29-Cl-N2-O-S Cl-H
SYN: 2-(p-CHLOROPHENYL)-3-(2-DIBUTYLAMINOETHYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 2126
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg JAPMA8 40,132,51

XJ6255000 4-THIAZOLIDINONE, 3-(2-(CYCLOHEXYLAMINO)ETHYL)-2-(3,4-METHYLENEDIOXYPHENYL)-, MONOHYDROCHLORIDE
UPDT:8405 MW: 384.96 MOLFM: C18-H24-N2-O3-S Cl-H
SYN: 3-(2-(CYCLOHEXYLAMINO)ETHYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 2663
IRRITATION DATA AND REFERENCES:
eye-rbt 2% MLD JAPMA8 40,132,51
eye-rbt 4% MOD JAPMA8 40,132,51
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:190 mg/kg JAPMA8 40,132,51
3F12H02J30 ivn-mus LD50:30 mg/kg JPETAB 123,269,58
* ivn-gpg LD50:18 mg/kg JAPMA8 40,132,51

XJ6257000 4-THIAZOLIDINONE, 3-(6-CYCLOHEXYLAMINOHEXYL)-2-(3,4-METHYLENEDIOXYPHENYL)-, HYDROCHLORIDE
UPDT:8405 MW: 441.08 MOLFM: C22-H32-N2-O3-S Cl-H
SYN: 3-(6-CYCLOHEXYLAMINOHEXYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 3229
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg JAPMA8 40,132,51

XJ6257200 4-THIAZOLIDINONE, 3-(3-CYCLOHEXYLAMINOPROPYL)-5-ETHYL-2-(3,4-METHYLENEDIOXYPHENYL)-, HYDROCHLORIDE
UPDT:8405 MW: 427.05 MOLFM: C21-H30-N2-O3-S Cl-H
SYN: 3-(3-CYCLOHEXYLAMINOPROPYL)-5-ETHYL-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HCl * WIN 3273
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:22 mg/kg JAPMA8 40,132,51

XJ6257400 4-THIAZOLIDINONE, 3-(3-CYCLOHEXYLAMINOPROPYL)-2-(p-METHOXYPHENYL)-, HYDROCHLORIDE
UPDT:8405 MW: 385.01 MOLFM: C19-H28-N2-O2-S Cl-H
SYN: 3-(3-CYCLOHEXYLAMINOPROPYL)-2-(p-METHOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 2776
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:20 mg/kg JAPMA8 40,132,51

XJ6257600 4-THIAZOLIDINONE, 3-(3-CYCLOHEXYLAMINOPROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-, HYDROCHLORIDE
UPDT:8405 MW: 398.99 MOLFM: C19-H26-N2-O3-S Cl-H
SYN: 3-(3-CYCLOHEXYLAMINOPROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 2775
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:25 mg/kg JAPMA8 40,132,51

XJ6258000 4-THIAZOLIDINONE, 3-(2-DIBUTYLAMINOETHYL)-2-(3,4-METHYLENEDIOXYPHENYL)-, HYDROCHLORIDE
UPDT:8405 MW: 399.04 MOLFM: C20-H30-N2-O2-S Cl-H
SYN: 3-(2-DIBUTYLAMINOETHYL)-2-(3,4 METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 2777
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:22 mg/kg JAPMA8 40,132,51

XJ6262000 4-THIAZOLIDINONE, 3-(2-DIETHYLAMINOETHYL)-2-(3,4-DIMETHOXYPHENYL)-, HYDROCHLORIDE
UPDT:8405 MW: 374.97 MOLFM: C17-H26-N2-O3-S Cl-H
SYN: 3-(2-DIETHYLAMINOETHYL)-2-(3,4-DIMETHOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 2501
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:120 mg/kg JAPMA8 40,132,51

XJ6262200 4-THIAZOLIDINONE, 3-(2-DIETHYLAMINOETHYL)-2-(p-DIMETHYLAMINOPHENYL)-, HYDROCHLORIDE
UPDT:8405 MW: 357.99 MOLFM: C17-H27-N3-O-S Cl-H
SYN: 3-(2-DIETHYLAMINOETHYL)-2-(p-DIMETHYLAMINOPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 2195
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg JAPMA8 40,132,51

XJ6262500 4-THIAZOLIDINONE, 3-(2-DIETHYLAMINOETHYL)-2-(3,4-METHYLENEDIOXYPHENYL)-, HYDROCHLORIDE
UPDT:8405 MW: 358.92 MOLFM: C16-H22-N2-O3-S Cl-H
SYN: 3-(2-DIETHYLAMINOETHYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 2125
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:68 mg/kg JAPMA8 40,132,51

XJ6262700 4-THIAZOLIDINONE, 3-(2-DIETHYLAMINOETHYL)-2-(p-NITROPHENYL)-, HYDROCHLORIDE
UPDT:8405 MW: 359.91 MOLFM: C15-H21-N3-O3-S Cl-H
SYN: 3-(2-DIETHYLAMINOETHYL)-2-(p-NITROPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 2502
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg JAPMA8 40,132,51

XJ6262900 4-THIAZOLIDINONE, 3-(3-DIETHYLAMINOPROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-, HYDROCHLORIDE
UPDT:8405 MW: 372.95 MOLFM: C17-H24-N2-O3-S Cl-H
SYN: 3-(3-DIETHYLAMINOPROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 2687
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:63 mg/kg JAPMA8 40,132,51

XJ6263000 4-THIAZOLIDINONE, 3-(3-DIETHYLAMINOPROPYL)-2-PHENYL-, HYDROCHLORIDE
UPDT:8405 MW: 328.94 MOLFM: C16-H24-N2-O-S Cl-H
SYN: 3-(3-DIETHYLAMINOPROPYL)-2-PHENYL-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 2095
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:60 mg/kg JAPMA8 40,132,51

4-THIAZOLIDINONE, 2-((2,4-DIMETHYLPHENYL)IMINO)-3-(3-(4-MORPHOLINYL)PROPYL)- (9CI) see: XJ6279800

XJ6267000 4-THIAZOLIDINONE, 2-(3,4-DIMETHOXYPHENYL)-5-METHYL-
UPDT:8405 MW: 253.34 MOLFM: C12-H15-N-O3-S
SYN: 2-(3,4-DIMETHOXYPHENYL)-5-METHYLTHIAZOLIDIN-4-ONE * KM-1146
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:2700 mg/kg OYYAA2 26,701,83
* ipr-mus LD50:4300 mg/kg OYYAA2 26,701,83

XJ6272000 4-THIAZOLIDINONE, 3-(3-HEXYLAMINOPROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-, HYDROCHLORIDE
UPDT:8405 MW: 401.01 MOLFM: C19-H28-N2-O3-S Cl-H
SYN: 3-(3-HEXYLAMINOPROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 3133
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:25 mg/kg JAPMA8 40,132,51

XJ6273000 4-THIAZOLIDINONE, 3-(2-(2-HYDROXYETHYLAMINO)ETHYL)-2-(3,4-METHYLENEDIOXYPHENYL)-, HYDROCHLORIDE
UPDT:8405 MW: 346.86 MOLFM: C14-H18-N2-O4-S Cl-H
SYN: 3-(2-(2-HYDROXYETHYLAMINO)ETHYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 2761
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg JAPMA8 40,132,51

XJ6273500 4-THIAZOLIDINONE, 3-(3-(2-HYDROXYETHYLAMINO)PROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-, HYDROCHLORIDE
UPDT:8405 MW: 360.89 MOLFM: C15-H20-N2-O4-S Cl-H
SYN: 3-(3-(2-HYDROXYETHYLAMINO)PROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HCl * WIN 3039
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:85 mg/kg JAPMA8 40,132,51

XJ6276000 4-THIAZOLIDINONE, 2-IMINO-
UPDT:8310 CAS: 556-90-1 MW: 116.15 MOLFM: C3-H4-N2-O-S
SYN: 2-IMINO-4-THIAZOLIDINONE * PSEUDOTHIOHYDANTOIN * 4(5H)-THIAZOLONE, 2-AMINO- * USAF BE-4-5 * USAF DM-1
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:100 mg/kg NTIS** AD277-689
* ivn-mus LD50:320 mg/kg CSLNX* NX#02090
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XJ6277000 4-THIAZOLIDINONE, 3-(3-(ISOBUTYLAMINO)PROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-, MONOHYDROCHLORIDE
UPDT:8405 MW: 372.95 MOLFM: C17-H24-N2-O3-S Cl-H
SYN: 3-(3-(ISOBUTYLAMINO)PROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 2661
IRRITATION DATA AND REFERENCES:
eye-rbt 2% MLD JAPMA8 40,132,51
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:320 mg/kg JAPMA8 40,132,51
3F12H02J30 ivn-mus LD50:40 mg/kg JPETAB 123,269,58
* ivn-gpg LD50:20 mg/kg JAPMA8 40,132,51

XJ6277100 4-THIAZOLIDINONE, 3-(3-ISOPROPYLAMINOPROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-, HYDROCHLORIDE
UPDT:8405 MW: 358.92 MOLFM: C16-H22-N2-O3-S Cl-H
SYN: 3-(3-ISOPROPYLAMINOPROPYL)-2-(3,4-METHYLENEDIOXYPHENYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 2773
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:74 mg/kg JAPMA8 40,132,51

XJ6277200 4-THIAZOLIDINONE, 2-(3,4-METHYLENEDIOXYPHENYL)-3-(3-OCTYLAMINOPROPYL)-, HYDROCHLORIDE
UPDT:8405 MW: 429.07 MOLFM: C21-H32-N2-O3-S Cl-H
SYN: 2-(3,4-METHYLENEDIOXYPHENYL)-3-(3-OCTYLAMINOPROPYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 3132
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:7200 ug/kg JAPMA8 40,132,51

XJ6277300 4-THIAZOLIDINONE, 2-(3,4-METHYLENEDIOXYPHENYL)-3-(3-PENTYLAMINOPROPYL)-, HYDROCHLORIDE
UPDT:8405 MW: 386.98 MOLFM: C18-H26-N2-O3-S Cl-H
SYN: 2-(3,4-METHYLENEDIOXYPHENYL)-3-(3-PENTYLAMINOPROPYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 3028
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg JAPMA8 40,132,51

XJ6277400 4-THIAZOLIDINONE, 2-(3,4-METHYLENEDIOXYPHENYL)-3-(3-PROPYLAMINOPROPYL)-, HYDROCHLORIDE
UPDT:8405 MW: 358.92 MOLFM: C16-H22-N2-O3-S Cl-H
SYN: 2-(3,4-METHYLENEDIOXYPHENYL)-3-(3-PROPYLAMINOPROPYL)-4-THIAZOLIDINONE HYDROCHLORIDE * WIN 2772
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:50 mg/kg JAPMA8 40,132,51

4-THIAZOLIDINONE, 2-((2-METHYLPHENYL)IMINO)-3-(3-(4-MORPHOLINYL)PROPYL)- (9CI) see: XJ6279000

4-THIAZOLIDINONE, 2-((4-METHYLPHENYL)IMINO)-3-(3-(4-MORPHOLINYL)PROPYL)- (9CI) see: XJ6279400

XJ6278000 4-THIAZOLIDINONE, 3-(3-MORPHOLINOPROPYL)-2-(PHENYLIMINO)-
UPDT:8312 CAS: 55469-56-2 MW: 319.46 MOLFM: C16-H21-N3-O2-S
SYN: 3-(3-MORPHOLINOPROPYL)-2-(PHENYLIMINO)-4-THIAZOLIDINONE
TOXICITY DATA AND REFERENCES:
3C08F17J26 ipr-mus LD50:500 mg/kg JPMSAE 64,614,75

XJ6279000 4-THIAZOLIDINONE, 3-(3-MORPHOLINOPROPYL)-2-(o-TOLYLIMINO)-
UPDT:8312 CAS: 55469-57-3 MW: 333.49 MOLFM: C17-H23-N3-O2-S
SYN: 3-(3-MORPHOLINOPROPYL)-2-(o-TOLYLIMINO)-4-THIAZOLIDINONE * 4-THIAZOLIDINONE, 2-((2-METHYLPHENYL)IMINO)-3-(3-(4-MORPHOLINYL)PROPYL)- (9CI)
TOXICITY DATA AND REFERENCES:
3C08F17J26 ipr-mus LD50:1000 mg/kg JPMSAE 64,614,75

XJ6279400 4-THIAZOLIDINONE, 3-(3-MORPHOLINOPROPYL)-2-(p-TOLYLIMINO)-
UPDT:8312 CAS: 55469-58-4 MW: 333.49 MOLFM: C17-H23-N3-O2-S
SYN: 3-(3-MORPHOLINOPROPYL)-2-(p-TOLYLIMINO)-4-THIAZOLIDINONE * 4-THIAZOLIDINONE, 2-((4-METHYLPHENYL)IMINO)-3-(3-(4-MORPHOLINYL)PROPYL)- (9CI)
TOXICITY DATA AND REFERENCES:
3C08F17J26 ipr-mus LD50:500 mg/kg JPMSAE 64,614,75

XJ6279800 4-THIAZOLIDINONE, 3-(3-MORPHOLINOPROPYL)-2-(2,4-XYLYLIMINO)-
UPDT:8312 CAS: 55469-59-5 MW: 347.52 MOLFM: C18-H25-N3-O2-S

SYN: 3-(3-MORPHOLINOPROPYL)-2-(2,4-XYLYLIMINO)-4-THIAZOLIDINONE * 4-THIAZOLIDINONE, 2-((2,4-DIMETHYLPHENYL)IMINO)-3-(3-(4-MORPHOLINYL)PROPYL)- (9CI)
TOXICITY DATA AND REFERENCES:
3C08F17J26 ipr-mus LD50:300 mg/kg JPMSAE 64,614,75

XJ6279900 2,4-THIAZOLIDINONE, 2-(2-PHENYLHYDRAZONE)
UPDT:8406 MW: 207.27 MOLFM: C9-H9-N3-O-S
SYN: 2,4-DIOXO-THIAZOLIDINE-2-PHENYLHYDRAZONE * 2-FENILIDRAZONE della 2,4-DIOXO-TIAZOLIDINA (Italian)
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:623 mg/kg FRPSAX 9,274,54

4-THIAZOLIDINONE, 5-(PHENYLMETHYLENE)-2-THIOXO- (9CI) see: VI7830000
4-THIAZOLIDINONE, 2-THIOXO- see: VI7700000

XJ6301000 2,4-THIAZOLIDINONE, 5-(3,4,5-TRIMETHOXYBENZYL)-
UPDT:8402 MW: 297.35 MOLFM: C13-H15-N-O5-S
SYN: 5-(3,4,5-TRIMETHOXYBENZYL)-2,4-THIAZOLIDINONE
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:500 mg/kg CPBTAL 31,560,83

XJ7010100 4-THIAZOLINE-2-THIOL, 4-ETHYL-
UPDT:8405 CAS: 69226-05-7 MW: 147.27 MOLFM: C5-H9-N-S2
SYN: 2-MERCAPTO-4-ETHYLTHIAZOLINE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:35 mg/kg JPETAB 90,260,47
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XJ7010300 THIAZOLINE-2-THIONE, 4-AMINO-3-BENZYL-5-CARBAMYL-3-TOLYL-
UPDT:8405 CAS: 64686-82-4 MW: 265.37 MOLFM: C11-H11-N3-O-S2
SYN: 4-AMINO-5-CARBAMYL-3-BENZYLTHIAZOLE-2(3H)-THIONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:250 mg/kg ARZNAD 27,1652,77
* ipr-mus LD50:100 mg/kg ARZNAD 27,1652,77

XJ7010500 THIAZOLINE-2-THIONE, 3-(BENZYLIDENEAMINO)-4-PHENYL-
UPDT:8405 CAS: 22454-80-4 MW: 296.42 MOLFM: C16-H12-N2-S2
SYN: 3-BENZYLIDENEAMINO-4-PHENYLTHIAZOLINE-2-THIONE * CELDION * FENTIAZON * 4-PHENYL-3-((PHENYLMETHYLENE)AMINO)-2(3H)-THIAZOLETHIONE * TF-114
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:10 gm/kg FMCHA2 -,C48,83

XJ7010700 2-THIAZOLINE, 2-((m-TRIFLUOROMETHYLBENZYL)AMINO)-
UPDT:8405 MW: 260.30 MOLFM: C11-H11-F3-N2-S
SYN: 2-((m-TRIFLUOROMETHYLBENZYL)AMINO)-2-THIAZOLINE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:50 mg/kg EJMCA5 14,553,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XJ7011000 2-THIAZOLINIUM, 2-(p-(DIMETHYLAMINO)PHENYL)-4-ETHYL-3-METHYL-, PERCHLORATE
UPDT:8405 CAS: 19441-93-9 MW: 348.88 MOLFM: C14-H21-N2-S .Cl-O4
SYN: 2-p-DIMETHYLAMINOPHENYL-3-METHYL-4-ETHYL-2-THIAZOLINIUM PERCHLORATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:75 mg/kg JMCMAR 11,1205,68
* ipr-mus LD50:7500 ug/kg JMCMAR 11,1205,68

XJ7011500 2-THIAZOLINIUM, 2-(p-(DIMETHYLAMINO)PHENYL)-3-METHYL)-, IODIDE
UPDT:8405 CAS: 21303-75-3 MW: 348.2 MOLFM: C12-H17-N2-S .I
SYN: 2-(p-DIMETHYLAMINOPHENYL)-3-METHYL-2-THIAZOLINIUM IODIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:50 mg/kg JMCMAR 11,1205,68
* ipr-mus LD50:10 mg/kg JMCMAR 11,1205,68

XJ7012000 2-THIAZOLINIUM, 3-METHYL-2-METHYLTHIO-, IODIDE
UPDT:8405 CAS: 30760-48-6 MW: 275.18 MOLFM: C5-H10-N-S2 .I
SYN: 3-METHYL-2-METHYLTHIO-2-THIAZOLINIUM IODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:80 mg/kg CSLNX* NX#05296

XJ7012500 2-THIAZOLINIUM, 3-METHYL-2-(2-(N-PHENYLACETAMIDO)VINYL)-, IODIDE
UPDT:8405 CAS: 74008-12-1 MW: 388.29 MOLFM: C14-H17-N2-O-S .I
SYN: 3-METHYL-2-(2-(N-PHENYLACETAMIDO)-VINYL)-THIAZOLINIUM IODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#03381

XJ7013000 2-THIAZOLIN-4-ONE, 2-HYDRAZINO-
UPDT:8405 CAS: 32003-36-4 MW: 131.17 MOLFM: C3-H5-N3-O-S
SYN: 2-HYDRAZINO-1,3-delta(sup 2)-THIAZOLIN-4-ONE
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:7200 ug/kg PCJOAU 5,650,71

XJ7013500 3-THIAZOLIN-2-ONE, 4-HYDRAZINO-
UPDT:8405 MW: 131.17 MOLFM: C3-H5-N3-O-S
SYN: 4-HYDRAZINO-1,3-delta(sup 3)-THIAZOLIN-2-ONE
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:130 mg/kg PCJOAU 5,650,71

XJ7020000 THIAZOLIUM, 3-((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)-5-(2-CHLOROETHYL)-4-METHYL-, CHLORIDE, HYDROCHLORIDE
UPDT:8405 MW: 355.74 MOLFM: C12-H16-Cl2-N4-S .Cl-H
SYN: BECLOTIAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:60500 ug/kg MEIEDD 10,144,83
* ivn-mus LD50:33600 ug/kg MEIEDD 10,144,83

XJ7023000 THIAZOLIUM, 3-((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)-5-(2-CHLOROETHYL)-4-METHYL-, CHLORIDE, 1,4-NAPHTHALENEDISULFONATE SALT
UPDT:8405 MW: 607.58 MOLFM: C12-H16-Cl-N4-S .Cl .C10-H8-O6-S2
SYN: BECLOTIAMINE NAPHTHALENE-1,4-DISULFONATE SALT
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:585 mg/kg MEIEDD 10,144,83
* ipr-mus LD50:294 mg/kg MEIEDD 10,144,83

XJ7025000 THIAZOLIUM, 3-CYCLOHEXYL-4-CYCLOHEXYLAMINO-, CHLORIDE
UPDT:8405 CAS: 74008-13-2 MW: 300.93 MOLFM: C15-H25-N2-S .Cl
SYN: 3-CYCLOHEXYL-4-CYCLOHEXYLAMINOTHIAZOLIUM CHLORIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:13 mg/kg JMCMAR 10,649,67

XJ7030100 THIAZOLIUM, 3-((4-(DIBUTYLAMINO)-2-METHYL-5-PYRIMIDINYL)METHYL)-5-(2-HYDROXYETHYL)- 4-METHYL-, CHLORIDE
UPDT:8405 CAS: 54690-41-4 MW: 413.08 MOLFM: C20-H33-N4-O-S .Cl
SYN: BISBUTITIAMINE * BISBUTYL THIAMINE * BISBUTYTHIAMIN
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1800 mg/kg NIIRDN 6,608,82
* ivn-mus LD50:240 mg/kg NIIRDN 6,608,82

XJ7035000 THIAZOLIUM, 2-(p-(DIMETHYLAMINO)PHENYL)-3,4-DIMETHYL-5-OCTYL-, IODIDE
UPDT:8405 CAS: 21176-92-1 MW: 472.52 MOLFM: C21-H33-N2-S .I
SYN: 2-(p-(DIMETHYLAMINO)PHENYL)-3,4-DIMETHYL-5-OCTYL-THIAZOLIUM IODIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:150 mg/kg JMCMAR 11,1205,68
* ipr-mus LD50:10 mg/kg JMCMAR 11,1205,68

XJ7040100 THIAZOLIUM, 2-(p-(DIMETHYLAMINO)PHENYL)-3,5-DIMETHYL-4-PHENYL-, IODIDE
UPDT:8405 CAS: 21176-85-2 MW: 436.38 MOLFM: C19-H21-N2-S .I
SYN: 2-(p-(DIMETHYLAMINO)PHENYL)-3,5-DIMETHYL-4-PHENYL-THIAZOLIUM IODIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:750 mg/kg JMCMAR 11,1205,68
* ipr-mus LD50:75 mg/kg JMCMAR 11,1205,68

XJ7050265 THIAZOLIUM, 3-HEPTYL-2-((3-HEPTYL-4-METHYL-4-THIAZOLIN-2-YLIDENE)METHYL)-4-METHYL-, IODIDE
UPDT:8412 CAS: 15763-48-1 MW: 534.66 MOLFM: C23-H39-N2-S2 .I
TOXICITY DATA AND REFERENCES:
3H05J26K12 orl-rat LD50:460 mg/kg KASHAJ 88,40,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XJ7050290 THIAZOLIUM, 5-(2-HYDROXYETHYL)-3-((4-HYDROXY-2-METHYL-5-PYRIMIDINYL)METHYL)-4-METHYL-
UPDT:8407 CAS: 136-16-3 MW: 266.37 MOLFM: C12-H16-N3-O2-S
SYN: 5-(2-HYDROXYETHYL)-3-((4-HYDROXY-2-METHYL-5-PYRIMIDINYL)METHYL)-4-METHYL-THIAZOLIUM * OXYTHIAMIN * OXYTHIAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 scu-rat TDLo:160 mg/kg (1-8D preg) FESTAS 24,962,73
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:1430 mg/kg PCJOAU 16,848,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4(5H)-THIAZOLONE, 2-AMINO- see: XJ6276000

XJ7054250 2(5H)-THIAZOLONE, 4-(1,2-DIMETHYLHYDRAZINO)-
UPDT:8402 CAS: 76326-94-8 MW: 159.23 MOLFM: C5-H9-N3-O-S
SYN: 4-(1,2-DIMETHYLHYDRAZINO)-2(5H)-THIAZOLONE
TOXICITY DATA AND REFERENCES:
2A11F07 ipr-mus LD50:253 mg/kg RPTOAN 43,213,80

XJ7054300 4(5H)-THIAZOLONE, 5-ETHYL-2-(1-METHYL-2-(PHENYLMETHYLENE)HYDRAZINO)-
UPDT:8402 CAS: 34547-33-6 MW: 261.37 MOLFM: C13-H15-N3-O-S
SYN: 5-ETHYL-2-(1-METHYL-2-(PHENYLMETHYLENE)HYDRAZINO)-4(5H)-THIAZOLONE
TOXICITY DATA AND REFERENCES:
2A11F07 ipr-mus LD50:1560 mg/kg RPTOAN 43,213,80

XJ7054350 2(5H)-THIAZOLONE, 4-(1-METHYLHYDRAZINO)-
UPDT:8402 CAS: 34551-16-1 MW: 145.20 MOLFM: C4-H7-N3-O-S
SYN: 4-(1-METHYLHYDRAZINO)-2(5H)-THIAZOLONE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:616 mg/kg RPTOAN 43,213,80

XJ7054400 4(5H)-THIAZOLONE, 2-(1-METHYLHYDRAZINO)-
UPDT:8402 CAS: 34544-69-9 MW: 145.20 MOLFM: C4-H7-N3-O-S
SYN: 2-(1-METHYLHYDRAZINO)-4(5H)-THIAZOLONE
TOXICITY DATA AND REFERENCES:
2A11F07 ipr-mus LD16:940 mg/kg RPTOAN 43,213,80

4(5H)-THIAZOLONE, 5-METHYL-2-((PHENYLMETHYLENE)HYDRAZINO)- see: CU5616000

XJ7055100 5H-THIAZOLO(3,2-a)PYRIMIDIN-7-OL, 6,7-DIHYDRO-3-ETHYL-2,5,5,7-TETRAMETHYL-, MONOHYDROBROMIDE
UPDT:8406 CAS: 21457-29-4 MW: 321.32 MOLFM: C12-H20-N2-O-S .Br-H
SYN: 6,7-DIHYDRO-3-ETHYL-2,5,5,7-TETRAMETHYL-5H-THIAZOLO(3,2-a)PYRIMIDIN-7-OL HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
1F12 scu-mus LD50:32 mg/kg PHARAT 24,572,69

XJ7055200 5H-THIAZOLO(3,2-a)PYRIMIDIN-7-OL, 6,7-DIHYDRO-3-ETHYL-2,5,5,7-TETRAMETHYL-, MONOHYDROCHLORIDE
UPDT:8406 CAS: 28358-26-1 MW: 276.86 MOLFM: C12-H20-N2-O-S .Cl-H
SYN: 6,7-DIHYDRO-3-ETHYL-2,5,5,7-TETRAMETHYL-5H-THIAZOLO(3,2-a)PYRIMIDIN-7-OL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:70 mg/kg PHARAT 24,572,69

XJ7055300 5H-THIAZOLO(3,2-a)PYRIMIDIN-7-OL, 6,7-DIHYDRO-3,5,5,7-TETRAMETHYL-, MONOHYDROBROMIDE
UPDT:8406 CAS: 21457-21-6 MW: 293.26 MOLFM: C10-H16-N2-O-S .Br-H
SYN: 6,7-DIHYDRO-3,5,5,7-TETRAMETHYL-5H-THIAZOLO(3,2-a)PYRIMIDIN-7-OL HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
3F05F11F12 scu-mus LD50:560 mg/kg PHARAT 24,572,69

XJ7055400 5H-THIAZOLO(3,2-a)PYRIMIDIN-7-OL, 6,7-DIHYDRO-3,5,5,7-TETRAMETHYL-, MONOHYDROCHLORIDE
UPDT:8406 CAS: 21457-22-7 MW: 248.80 MOLFM: C10-H16-N2-O-S .Cl-H
SYN: 6,7-DIHYDRO-3,5,5,7-TETRAMETHYL-5H-THIAZOLO(3,2-a)PYRIMIDIN-7-OL HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F05F11F12 orl-mus LD50:820 mg/kg PHARAT 24,572,69
3F05F11F12 ipr-mus LD50:360 mg/kg PHARAT 24,572,69
* scu-mus LD50:795 mg/kg PHARAT 24,572,69

XJ7055500 5H-THIAZOLO(2,3-b)QUINAZOLIN-5-ONE, 2,3-DIHYDRO-2-METHYL-
UPDT:8406 MW: 218.29 MOLFM: C11-H10-N2-O-S
SYN: 2-METHYL-2,3-DIHYDRO-5H-THIAZOLO(2,3-b)QUINAZOLIN-5-ONE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:200 mg/kg CHTPBA 2,202,67

XJ7055600 1H,3H-THIAZOLO(4,3-c)(1,4)THIAZINE-3-THIONE, TETRAHYDRO-
UPDT:8406 CAS: 7447-45-2 MW: 178.32 MOLFM: C5-H8-N-S3
SYN: TETRAHYDRO-1H,3H-THIAZOLO(4,3-c)(1,4)THIAZINE-3-THIONE
TOXICITY DATA AND REFERENCES:
unk-mus LD50:140 mg/kg JMCMAR 9,911,56

XJ7055700 5,5'-THIAZOLO(5,4-d)THIAZOLF, 2,5-BIS(3-ACETYL-1,1-DIMETHYLPROPYL)-
UPDT:8406 CAS: 64070-91-3 MW: 366.58 MOLFM: C18-H26-N2-O2-S2
SYN: 2,5-BIS(3-ACETYL-1,1-DIMETHYLPROPYL)-5,5'-THIAZOLO(5,4-d)THIAZOLE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:500 mg/kg JMCMAR 14,743,71

N-2-THIAZOLYLACETOACETAMIDE see: AK4100000
2-THIAZOLYLAMINE see: XJ2100000
2-(((4-((2-THIAZOLYLAMINO)SULFONYL)PHENYL)AMINO)CARBONYL)BENZOIC ACID see: TM8575000
2-(THIAZOL-4-YL)BENZIMIDAZOLE see: DE0700000
2-(4-THIAZOLYL)BENZIMIDAZOLE see: DE0700000
2-(4'-THIAZOLYL)BENZIMIDAZOLE see: DE0700000
2-(4-THIAZOLYL)-1H-BENZIMIDAZOLE see: DE0700000
2-(4-THIAZOLYL)BENZIMIDAZOLE, HYPOPHOSPHITE SALT see: DE0900000
(THIAZOLYL-4)-2 BENZIMIDAZOLYL CARBAMATE-5 D'ISOPROPYLE (French) see: DD6538000
N-((THIAZOLYL-4)-2, BENZIMIDAZOLYL-5, CARBAMATE D'ISOPROPYLE (French) see: DD6538000
p-2-THIAZOLYLSULFAMOYLSUCCINANILIC ACID MONOHYDRATE see: WM4770000
4'-(2-THIAZOLYLSULFAMOYL)SUCCINANILIC ACID MONOHYDRATE see: WM4770000
N(sup 1)-2-THIAZOLYLSULFANILAMIDE see: WP2360000
N(sup 1)-2-THIAZOLYLSULFANILAMIDE SODIUM SALT see: WP2450000
THIAZON see: XI2800000
THIAZONE see: XI2800000
2-THIAZYLAMINE see: XJ2100000
THIBENZOL see: DE0700000
THIBENZOLE see: DE0700000
THIBENZOLE ATT see: DE0700000
THIBON see: AE3850000
THIBONE see: AE3850000
THIDIAZURON see: YU1395000
2H-THIENO(2,3e)(1,4)-DIAZEPIN-2-ONE, 5-(o-CHLOROPHENYL)-7-ETHYL-1,3-DIHYDRO-1-METHYL- (8CI) see: XJ9040000

XJ9040000 2H-THIENO(2,3-e)(1,4)DIAZEPIN-2-ONE, 1,3-DIHYDRO-5-(o-CHLOROPHENYL)-7-ETHYL-1-METHYL

UPDT 8403 CAS: 33671-46-4 MW: 318.84 MOLFM: C16-H15-Cl-N2-O-S

SYN: 5-(o-CHLOROPHENYL)-7-ETHYL-1,3-DIHYDRO-1-METHYL-2H-THIENO(2,3-e)-1,4-DIAZEPIN-2-ONE * 5-(2-CHLOROPHENYL)-7-ETHYL-1-METHYL-1,3-DIHYDRO-2H-THIENO(2,3-e)(1,4)DIAZEPIN-2-ONE * CLOTIAZEPAM * RISE * 2H-THIENO(2,3e)(1,4)-DIAZEPIN-2-ONE, 5-(o-CHLOROPHENYL)-7-ETHYL-1,3-DIHYDRO-1-METHYL- (8CI) * TRECALMO * Y 6047

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1461 mg/kg	NIIRDN 6,233,82
*	ipr-rat LD50:682 mg/kg	NIIRDN 6,233,82
	orl-mus LD50:636 mg/kg	JMCMAR 16,214,73
	ipr-mus LD50:440 mg/kg	JMCMAR 16,214,73
*	scu-mus LD50:2837 mg/kg	NIIRDN 6,233,82

XJ9088300 THIENO(2,3-c)PYRIDINE-3-CARBOXYLIC ACID, 2-AMINO-6-BENZYL-4,5,6,7-TETRAHYDRO-, ETHYL ESTER

UPDT 8403 CAS: 24237-54-5 MW: 316.45 MOLFM: C17-H20-N2-O2-S

SYN: 2-AMINO-6-BENZYL-4,5,6,7-TETRAHYDROTHIENO(2,3-c)PYRIDINE-3-CARBOXYLIC ACID ETHYL ESTER * 2-AMINO-3-ETHOXYCARBONYL-6-BENZYL-4,5,6,7-TETRAHYDROTHIENO(2,3-c)PYRIDINE * ETHYL 2-AMINO-6-BENZYL-4,5,6,7-TETRAHYDROTHIENO(2,3-c)PYRIDINE-3-CARBOXYLATE * TINORIDINE * Y-3642

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:1250 mg/kg	MEIEDD 10,1354,83
*	orl-mus LD50:5400 mg/kg	MEIEDD 10,1354,83
*	ipr-mus LD50:1600 mg/kg	MEIEDD 10,1354,83

XJ9088600 THIENO(2,3-c)PYRIDINE-3-CARBOXYLIC ACID, 2-AMINO-6-BENZYL-4,5,6,7-TETRAHYDRO-, ETHYL ESTER, HYDROCHLORIDE

UPDT 8408 MW: 352.91 MOLFM: C17-H20-N2-O2-S Cl-H

SYN: ETHYL 2-AMINO-6-BENZYL-4,5,6,7-TETRAHYDROTHIENO(2,3-c)PYRIDINE-3-CARBOXYLATE HYDROCHLORIDE * NONFLAMIN * TINORIDINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1Y55	orl-rat LD50:4200 mg/kg	OYYAA2 15,41,78
*	ipr-rat LD50:1350 mg/kg	MEIEDD 10,1354,83
*	orl-mus LD50:1890 mg/kg	MEIEDD 10,1354,83
*	ipr-mus LD50:510 mg/kg	MEIEDD 10,1354,83

XJ9089100 THIENO(3,2-c)PYRIDINE, 5-((2-CHLOROPHENYL)METHYL)-4,5,6,7-TETRAHYDRO-, HYDROCHLORIDE

UPDT 8408 CAS: 53885-35-1 MW: 300.26 MOLFM: C14-H14-Cl-N-S Cl-H

SYN: 4-C-32 * 53-32C * 5-(o-CHLOROBENZYL)-4,5,6,7-TETRAHYDROTHIENO(3,2-c)PYRIDINE HYDROCHLORIDE * PANALDINE * TICLID * TICLODIX * TICLODONE * TICLOPIDINE HYDROCHLORIDE * TIKLID

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:17400 mg/kg (29D male)	OYYAA2 18,781,79
3T16T76T81	orl-rat TDLo:10800 mg/kg (17-22D preg/21D post)	IYKEDH 11,276,80
3T71T72T85	orl-rat TDLo:220 mg/kg (7-17D preg)	IYKEDH 11,265,80
2T25T34	orl-rat TDLo:4400 mg/kg (7-17D preg)	IYKEDH 11,265,80
1T86	orl-rat TDLo:220 mg/kg (7-17D preg)	IYKEDH 11,265,80
3T34T46T75	orl-rat TDLo:650 mg/kg (6-18D preg)	IYKEDH 11,287,80

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1780 mg/kg	MEPHDN 15,272,81
*	ivn-rat LD50:70 mg/kg	IYKEDH 12,1204,81
*	orl-mus LD50:600 mg/kg	MEPHDN 15,272,81
*	scu-mus LD50:2690 mg/kg	MEPHDN 15,272,81
*	ivn-mus LD50:55 mg/kg	USXXAM #4051141

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

6H-THIENO(3,2-f)(1,2,4)TRIAZOLO(4,3-a)(1,4)DIAZEPINE, 4-(2-CHLOROPHENYL)-2-ETHYL-9-METHYL- see: XZ6158300
7-(2-THIENYLACETAMIDO)CEPHALOSPORANIC ACID see: XI0389000
7-((2-THIENYL)ACETAMIDO)-3-(1-PYRIDYLMETHYL)CEPHALOSPORANIC ACID see: UU3675000
7-(alpha-(2-THIENYL)ACETAMIDO)-3-(1-PYRIDYLMETHYL)-3-CEPHEM-4-CARBOXYLIC ACID BETAINE see: UU3675000
3-THIENYLACETIC ACID see: XM7570000
beta-2-THIENYLALANINE see: XN0290000
DL-beta-2-THIENYLALANINE see: XN0290000
2 THIENYLALANINE see: XN0290000
2-THIENYLAMIDE (French) see: XM8290000
((THIENYL-2)-1 CYCLOHEXYLE)-N PIPERIDINE (French) see: TN4221400
1-(1-(2-THIENYL)CYCLOHEXYL)PIPERIDINE see: TN4221400
1-(2-THIENYL)GERMATRANE see: YJ8970000
THIENYLIC ACID see: AG9300000 ACETIC ACID, (2,3-DICHLORO-4-(2-THIENYLCARBONYL)PHENOXY)-
4-(2-THIENYLKETO)-2,3-DICHLOROPHENOXYACETIC ACID see: AG9300000 ACETIC ACID, (2,3-DICHLORO-4-(2-THIENYLCARBONYL)PHENOXY)-
1-(2-THIENYL)SILATRANE see: YJ9200000
1-(3-THIENYL)SILATRANE see: YJ9200500
alpha-(beta-(2-THIENYL)STYRYL)-4-MORPHOLINEETHANOL HYDROCHLORIDE see: QE3740000
alpha-(beta-(2-THIENYL)STYRYL)-1-PIPERIDINEETHANOL MALEATE see: TM9967200
5-(2-THIENYL)-as-TRIAZINE-3-THIOL see: XZ1020000
(3-THIENYL)TRIMETHYLAMMONIUM IODIDE see: BS8530000
1-(2-THIENYL)-2,8,9-TRIOXA-5-AZA-GERMABICYCLO(3.3.3)UNDECANE see: YJ8970000
1-(2-THIENYL)-2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE see: YJ9200000
1-(3-THIENYL)-2,8,9-TRIOXO-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE see: YJ9200500

XK0350000 2-THIEPANONE

UPDT 8307 CAS: 17689-16-6 MW: 130.22 MOLFM: C6-H10-O-S

SYN: THIEPAN-2-ONE * epsilon-THIOCAPROLACTONE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:600 mg/kg	TXAPA9 28,313,74
*	skn-rbt LD50:500 mg/kg	TXAPA9 28,313,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

THIEPAN-2-ONE see: XK0350000
THIERGAN see: SO6825000
THIETHYLPERAZINE see: SP0280000
THIFOR see: RB9275000
THIIRANE see: KX3500000
THIIRENE, 2,3-DIHYDRO- see: KX3500000
THILANE see: XN0370000
THILLATE see: JO1400000
THILOPEMAL see: WN2800000
THILOPHENYL see: MU1050000
THILOPHENYT see: MU1400000
THIMAZOLE see: NI8615000
THIMECIL see: YR0875000
THIMER see: JO1400000
THIMERFONATE SODIUM see: OW3780000
THIMEROSAL see: OV8400000
THIMEROSALATE see: OV8400000
THIMEROSOL see: OV8400000
THIMERSALATE see: OV8400000
THIMET see: TD9450000
THIMUL see: RB9275000
THIOACETAMIDE see: AC8925000
THIOACETARAMIDE see: AI6199900
THIOACETAZON see: AE3850000
THIOACETAZONE see: AE3850000
THIOACETIC ACID see: AJ5600000
THIOACETIC ACID S-2-AMINOETHYL ESTER HYDROCHLORIDE see: AJ5778000
THIOACETIC ACID (DOT) see: AJ5600000
THIOACETIC ACID SODIUM SALT see: AJ7565000
2-THIOADENINE see: UP0150000
THIOALKOFEN BM see: GP3200000
THIOALKOFEN BM 4 see: GP3150000
THIOALKOFEN BMCh see: GP3150000
THIOALKOFEN MBCh see: GP3150000
THIOALKOPHENE BM-4 see: GP3150000
THIOALLATE see: EZ5075000
THIOALLYL ETHER see: BC4900000
THIOAMIDE see: NS0350000
THIOANHYDRIDE of BUTYL XANTHOGENIC ACID see: FG1050000
THIOANILINE see: BY9625000
4,4'-THIOANILINE see: BY9625000
THIOANTIMONIC(III) ACID, TRIESTER with MERCAPTO SUCCINIC ACID DILITHIUM SALT, NONAHYDRATE see: WM9540000
THIOARSENITE see: AI6199900
THIOARSMINE see: PB1400000
THIOAZETAZONE see: AE3850000
THIOBENCARB see: EZ7260000
THIOBEL see: FD1225000
THIOBENZAMIDE see: CV5860000
THIOBENZOIC ACID S-2-AMINOETHYL ESTER HYDROCHLORIDE see: DH6841000
THIOBENZYL ALCOHOL see: XT8650000
4,4'-THIOBIS(ANILINE) see: BY9625000
4,4'-THIOBISBENZENAMINE see: BY9625000
1,1'-THIOBIS(BENZENE) see: SX2275000
4,4'-THIOBIS(6-tert-BUTYL-m-CRESOL) see: GP3150000
4,4'-THIO-BIS(6-tert-BUTYL-o-CRESOL) see: GP3200000
4,4'-THIOBIS(2-tert-BUTYL-5-METHYLPHENOL) see: GP3150000
4,4'-THIOBIS(6-tert-BUTYL-3-METHYLPHENOL) see: GP3150000
1,1'-THIOBIS(2-CHLOROETHANE) see: WQ0900000
2,2'-THIOBIS(4,6-DICHLOROPHENOL) see: SN0525000
THIOBIS(DODECYL PROPIONATE) see: UF8000000
4,4'-THIOBIS(3-METHYL-6-tert-BUTYLPHENOL) see: GP3150000
S,S'-(THIOBIS(1-METHYL-2,1-ETHANEDIYL))BIS(PHOSPHORODITHIOATE see: TE0560000
1,1'-THIOBIS(2-METHYL-4-HYDROXY-5-tert-BUTYLBENZENE) see: GP3150000
3,3-THIOBIS(1-PROPENE) see: BC4900000

XK4860000 THIOBORIC ACID, ESTER with 2,2'-((DIBUTYLSTANNYLENE)DIOXY)DIETHANETHIOL (2:3)

UPDT 7901 CAS: 34333-07-8 MW: 1177.19 MOLFM: C36-H78-B2-O6-S6-Sn3

SYN: TRIS(DIBUTYLBIS(HYDROXYETHYLTHIO)TIN) BIS(BORIC ACID ESTER)

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:18 mg/kg	CSLNX* NX#02225

REVIEW AND REFERENCES:

★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3	DTLVS* 4,398,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X)	FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3	NTIS**

THIOBUTABARBITAL see: CQ2278000
gamma-THIOBUTYROLACTONE see: XN1930000
4-THIOBUTYROLACTONE see: XN1930000
THIOCAINE DIHYDROCHLORIDE see: DG3328000
epsilon-THIOCAPROLACTONE see: XK0350000
THIO-CARA see: XL1925000
THIOCARB see: EZ6475000
THIOCARBAMIC ACID, N-DIISOPROPYL-, S-2,3,3-TRICHLOROALLYL ESTER see: EZ8575000
THIOCARBAMIC ACID-S,S-(2-(DIMETHYLAMINO)TRIMETHYLENE) ESTER HYDROCHLORIDE see: FD1225000
THIOCARBAMIC ACID S-2-PYRIDYLMETHYL ESTER HYDROCHLORIDE see: FD1540000
THIOCARBAMIDE see: YU2800000
THIOCARBAMISIN see: DH3400000
THIOCARBAMIZINE see: DH3400000
THIOCARBAMYLHYDRAZINE see: VT4200000
THIOCARBANILIC ACID alpha-2-PIPERIDINOETHYLBENZYL ESTER HYDROCHLORIDE see: FD9769000
THIOCARBANILIDE see: FE1225000
THIOCARBARSONE see: AI6500000
THIOCARBAZIL see: AE3850000
THIOCARBONIC ACID S-(2-(4-METHYL-5-THIAZOLYL)ETHYL) ESTER SODIUM SALT see: FG2472000
THIOCARBONIC DICHLORIDE see: XN2450000
THIOCARBONYL CHLORIDE see: XN2450000
THIOCARBONYL-CHLORIDE (DOT) see: XN2450000
THIOCARBONYL DICHLORIDE see: XN2450000
THIOCHLORMETHYL see: YS4727000
THIOCHROMAN-4-ONE, OXIME see: XG4000000

XK6360000 THIOCHROMAN-7-SULFONAMIDE, 6-METHYL-, 1,1-DIOXIDE

UPDT 8307 CAS: 1084-65-7 MW: 275.36 MOLFM: C10-H13-N-O4-S2

SYN: 2H-1-BENZOTHIOPYRAN-7-SULFONAMIDE, 3,4-DIHYDRO-6-METHYL-, 1,1-DIOXIDE (9CI) * E-103-E * FONTILIZ * 6-METHYL-3,4-DIHYDRO-2H-1-BENZOTHIOPYRAN-7-SULFONAMIDE 1,1-DIOXIDE * 6-METHYL-7-SULFAMIDO-THIOCHROMAN-1,1-DIOXIDE * 6-METHYLTHIOCHROMAN-7-SULFONAMIDE 1,1-DIOXIDE * METICRAN * METICRANE * SD 171-02

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T34T35	orl-rat TDLo:60 gm/kg (9-14D preg)	OYYAA2 8,217,74
1T46	orl-rat TDLo:1920 mg/kg (9-14D preg)	OYYAA2 8,217,74
1T46	orl-mus TDLo:60 gm/kg (7-12D preg)	OYYAA2 8,217,74
1T81	orl-mus TDLo:120 mg/kg (7-12D preg)	OYYAA2 8,217,74

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:445 mg/kg	OYYAA2 8,217,74
*	ipr-mus LD50:10 gm/kg	OYYAA2 8,217,74
*	ivn-mus LD50:325 mg/kg	OYYAA2 8,217,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

THIOCOLCHICOSIDE see: GH0983000
10-THIOCOLCHICOSIDE see: GH0983000
THIOCRON see: TE1575000
THIOCTACID see: JP1190000
THIOCTIC ACID see: JP1190000
6-THIOCTIC ACID see: JP1190000
6,8-THIOCTIC ACID see: JP1190000

THIOCTIDASE see: JP1190000
THIOCTSAN see: JP1190000
THIOCYANATE SODIUM see: XL2275000
THIOCYANATOACETIC ACID ETHYL ESTER see: AJ6200000
THIOCYANATOACETIC ACID ISOBORNYL ESTER see: AJ6300000
p-THIOCYANATOANILINE see: XK7700000
4-THIOCYANATOBENZENAMINE see: XK7700000
4-THIOCYANATO-2-BUTYNYL p-METHYLCARBANILATE see: FD9755000
alpha-THIOCYANATOTOLUENE see: XK8155000

XK7700000 THIOCYANIC ACID, p-AMINOPHENYL ESTER
UPDT:8307 CAS: 2987-46-4 MW: 150.21 MOLFM: C7-H6-N2-S
SYN: ANILINE, p-THIOCYANATO- * ANILINRHODANIL (German) * RHODAN * p-RHODANANILINE * p-THIOCYANATOANILINE * 4-THIOCYANATOBENZENAMINE * 4-THIOCYANOANILINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:240 mg/kg TXAPA9 28,313,74
unk-rat LD50:130 mg/kg 30ZDA9 -,260,71
* skn-rbt LD50:160 mg/kg TXAPA9 28,313,74
scu-rbt LDLo:20 mg/kg AEPPAE 150,257,30
ivn-rbt LDLo:2 mg/kg AEPPAE 150,257,30
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XK7875000 THIOCYANIC ACID, AMMONIUM SALT
UPDT:8405 CAS: 1762-95-4 MW: 76.13 MOLFM: C-N-S . H4-N
SYN: AMMONIUM RHODANATE * AMMONIUM RHODANIDE * AMMONIUM SULFOCYANATE * AMMONIUM SULFOCYANIDE * AMMONIUMTHIOCYANATE * AMMONIUM THIOCYANATE (DOT) * AMTHIO * RHODANID * RHODANIDE * NA 9092 (DOT) * TRANS-AID * USAF EK-P-433 * WEEDAZOL TL
TOXICITY DATA AND REFERENCES:
3F08K13K30 orl-hmn TDLo:430 mg/kg DAKMAJ 102,606,11
orl-mus LDLo:330 mg/kg AEPPAE 169,429,33
ipr-mus LDLo:500 mg/kg NTIS** AD277-689
* orl-gpg LDLo:600 mg/kg JAPMA8 29,152,40
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XK8150000 THIOCYANIC ACID, 2-(BENZOTHIAZOLYLTHIO)METHYL ESTER, 30%
UPDT:8305 CAS: 21564-17-0 MW: 238.35 MOLFM: C9-H6-N2-S3
SYN: ALENTISAN * (2-BENZOTHIAZOLYLTHIO)METHYL THIOCYANATE 30% * BUSAN 15 * BUSAN 30 * BUSAN 70 * BUSAN 71 * BUSAN 72 * BUSAN 30-1 * BUSAN 30A * ICHIBAN * KVK 733059 * PROTECTOR-3L BUSAN 30 SEED TREATMENT * TCMTB * 2-(THIOCYANOMETHYLOTHIO)BENZOTHIAZOLE 30%
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1590 mg/kg FMCHA2 -,C39,83
* skn-mam LD50:1 mg/kg FMCHA2 -,C199,83

XK8151000 THIOCYANIC ACID, 2-(BENZOTHIAZOLYLTHIO)METHYL ESTER, 70%
UPDT:8309 CAS: 21564-17-0 MW: 238.35 MOLFM: C9-H6-N2-S3
SYN: BUSAN 72A * TCMTB * 2-(THIOCYANOMETHYLTHIO)BENZOTHIAZOLE, 70%
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1590 mg/kg FMCHA2 -,C39,82

XK8155000 THIOCYANIC ACID, BENZYL ESTER
UPDT:8406 CAS: 3012-37-1 MW: 149.22 MOLFM: C8-H7-N-S
SYN: BENZYL-THIOCYANATE * SOLVAT 14 * alpha-THIOCYANATOTOLUENE * THIOCYANIC ACID PHENYLMETHYL ESTER (9CI) * TROPEOLIN
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:40 mg/kg ARZNAD 16,870,66
3C08F12J26 ipr-mus LD50:30 mg/kg JJPAAZ 3,99,54
3C08J26J30 scu-mus LD50:100 mg/kg JJPAAZ 3,99,54
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XK8400000 THIOCYANIC ACID, 2-(2-BUTOXYETHOXY)ETHYL ESTER
UPDT:8403 CAS: 112-56-1 MW: 203.33 MOLFM: C9-H17-N-O2-S
SYN: 2-(2-BUTOXYETHOXY)ETHYL THIOCYANATE * 2-(2-(BUTOXY)ETHOXY)ETHYL THIOCYANIC ACID ESTER * BUTOXYRHODANODIETHYL ETHER * beta-BUTOXY-beta'-THIOCYANODIETHYL ETHER * 2-BUTOXY-2'-THIOCYANODIETHYL ETHER * 1-BUTOXY-alpha-(2-THIOCYANOETHOXY)ETHANE * 1-BUTOXY-2-(2-THIOCYANOETHOXY)ETHANE * BUTYL CARBITOL RHODANATE * BUTYL CARBITOL THIOCYANATE * ENT 6 * ETHANE, 1-BUTOXY-2-(2-THIOCYANATOETHOXY)- * ETHANOL, 2-(2-BUTOXYETHOXY)-, THIOCYANATE * LETHANE * LETHANE 384 * LETHANE 384 REGULAR
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:90 mg/kg FMCHA2 -,C140,83
skn-rat LD50:250 mg/kg WRPCA2 9,119,70
3F07F12J26 ipr-rat LD50:90 mg/kg INMEAF 11,-,42
3F07F12J26 scu-rat LD50:550 mg/kg INMEAF 11,-,42
scu-mus LDLo:200 mg/kg JIHTAB 18,310,36
* ivn-mus LD50:56 mg/kg CSLNX* NX#02402
orl-dog LD50:30 mg/kg PCOC** -,657,66
3F07J26K13 scu-dog LD50:200 mg/kg INMEAF 11,-,42
orl-rbt LD50:35 mg/kg JPETAB 82,377,44
skn-rbt LD50:125 mg/kg SPEADM 74-1,-,74
3F07F12J26 ipr-rbt LD50:80 mg/kg INMEAF 11,-,42
3F07F12J26 scu-rbt LD50:100 mg/kg INMEAF 11,-,42
orl-gpg LD50:250 mg/kg PCOC** -,657,66
3F07F12J26 ipr-gpg LD50:84 mg/kg INMEAF 11,-,42
3F07F12J26 scu-gpg LD50:450 mg/kg INMEAF 11,-,42
unk-mam LD50:550 mg/kg 30ZDA9 -,256,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XK8600000 THIOCYANIC ACID, 2-CHLORO-4-(2-CHLOROACETAMIDO)-5-METHOXYPHENYL ESTER
UPDT:8408 CAS: 23543-10-4 MW: 291.16 MOLFM: C10-H8-Cl2-N2-O2-S
SYN: 2-CHLORO-4-(2-CHLOROACETAMIDO)-5-METHOXYPHENYL THIOCYANATE
TOXICITY DATA AND REFERENCES:
2F26U26 orl-mus LD50:750 mg/kg YKKZAJ 88,1620,68

XK9010000 THIOCYANIC ACID, 2,5-DIBROMO-4-(2-IODOACETAMIDO)PHENYL ESTER
UPDT:8408 CAS: 14556-88-8 MW: 475.94 MOLFM: C9-H5-Br2-I-N2-O-S
SYN: 2,5-DIBROMO-4-(2-IODOACETAMIDO)PHENYL THIOCYANATE
TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:3 gm/kg YKKZAJ 88,1620,68

XK9030000 THIOCYANIC ACID, 2,5-DICHLORO-4-(2-FLUOROACETAMIDO)PHENYL ESTER
UPDT:8408 CAS: 14556-83-3 MW: 279.12 MOLFM: C9-H5-Cl2-F-N2-O-S
SYN: 2,5-DICHLORO-4-(2-FLUOROACETAMIDO)PHENYL THIOCYANATE
TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:50 mg/kg YKKZAJ 88,1620,68

XK9040000 THIOCYANIC ACID, 2,5-DICHLORO-4-(2-IODOACETAMIDO)PHENYL ESTER
UPDT:8408 CAS: 14664-96-1 MW: 387.02 MOLFM: C9-H5-Cl2-I-N2-O-S
SYN: 2,5-DICHLORO-4-(2-IODOACETAMIDO)PHENYL THIOCYANATE
TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:2500 mg/kg YKKZAJ 88,1620,68

XK9365000 THIOCYANIC ACID, 2,5-DIMETHOXY-4-(2-IODOACETAMIDO)PHENYL ESTER
UPDT:8408 CAS: 14556-93-5 MW: 378.20 MOLFM: C11-H11-I-N2-O3-S
SYN: 2,5-DIMETHOXY-4-(2-IODOACETAMIDO)PHENYL THIOCYANATE
TOXICITY DATA AND REFERENCES:
2F25U26 orl-mus LD50:2 gm/kg YKKZAJ 88,1620,68

THIOCYANIC ACID p-DIMETHYLAMINOPHENYL ESTER see: BX8050000
THIOCYANIC ACID, 4-(DIMETHYLAMINO)PHENYL ESTER (9CI) see: BX8050000

XK9450000 THIOCYANIC ACID, 2,4-DINITROPHENYL ESTER
UPDT:8408 CAS: 1594-56-5 MW: 225.19 MOLFM: C7-H3-N3-O4-S
SYN: 2,4-DINITROPHENYL THIOCYANATE * 2,4-DINITROTHIOCYANATOBENZENE * 2,4-DINITROTHIOCYANOBENZENE * 2,4-DINITRO-1-THIOCYANOBENZENE * DNRB * DNTB * DRB * GRYZBOL * GRZYBOL * NBT * NIRIT * NITRITE * RODATOX 60 * TRIRODAZEEN * TRI-RODAZENE * 2317-W
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate MUREAV 26,243,74
mma-sat 50 ug/plate MUREAV 40,19,76
mma-esc 50 ug/plate MUREAV 26,243,74
dnr-bcs 20 ug/disc MUREAV 26,243,74
mrc-bcs 3 ug/disc/24H MUREAV 40,19,76
hma-ofs/sat 450 ug/L CALEDQ 10,147,83
cyt-ham:lng 10 umol/L MUREAV 78,177,80
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:30 mg/kg ARZNAD 16,870,66
* orl-mus LD50:2750 mg/kg FMCHA2 -,C168,83
* orl-gpg LD50:1650 mg/kg 85GMAT -,62,82
unk-mam LD50:500 mg/kg 30ZDA9 -,259,71
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

XK9485000 THIOCYANIC ACID, 2,6-DIOXO-5-ETHYL-5-PHENYL-3-PIPERIDYL ESTER
UPDT:8308 MW: 274.36 MOLFM: C14-H14-N2-O2-S
SYN: 2,6-DIOXO-5-ETHYL-5-PHENYL-3-PIPERIDYL ESTER of THIOCYANIC ACID * 2-FENIL-2-ETIL-4-TIOCIANO-GLUTARIMMIDE (Italian)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:21 mg/kg BCFAAI 109,127,70

XK9625000 THIOCYANIC ACID, DODECYL ESTER
UPDT:8307 CAS: 765-15-1 MW: 227.45 MOLFM: C13-H25-N-S
SYN: DODECANE, 1-THIOCYANATO- * n-DODECYL THIOCYANATE * ENT 114 * LAURYL RHODANATE * LAURYL THIOCYANATE * LORO * LOROL THIOCYANATE
IRRITATION DATA AND REFERENCES:
skn-rat 350 mg/7D-I open MOD JPTLAS 49,363,39
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1250 mg/kg 28ZEAL 4,205,69
scu-mus LDLo:20 gm/kg JIHTAB 18,310,36
orl-cat LDLo:2000 mg/kg JIHTAB 18,310,36

XK9900000 THIOCYANIC ACID, ETHYL ESTER
UPDT:8406 CAS: 542-90-5 MW: 87.15 MOLFM: C3-H5-N-S
SYN: AETHYLRHODANID (German) * ETHANE, THIOCYANATO- * ETHYL RHODANATE * ETHYL SULFOCYANATE * ETHYL THIOCYANATE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:200 mg/kg JIHTAB 18,310,36
scu-rat LDLo:40 mg/kg JIHTAB 18,310,36
3C08F12J26 ipr-mus LD50:10 mg/kg JJPAAZ 3,99,54
3C08J26J30 scu-mus LD50:70 mg/kg JJPAAZ 3,99,54
* ivn-mus LD50:18 mg/kg CSLNX* NX#02865
orl-cat LDLo:10 mg/kg JIHTAB 18,310,36
scu-rbt LDLo:15 mg/kg AEPPAE 150,257,30
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XL1250000 THIOCYANIC ACID, 5-HYDROXYCARVACRYL ESTER
UPDT:8406 MW: 191.31 MOLFM: C11-H13-N-S
SYN: THYMOL THIOCYANATE
TOXICITY DATA AND REFERENCES:
3C08F12J26 ipr-mus LD50:60 mg/kg JJPAAZ 3,99,54
3C08J26J30 scu-mus LD50:200 mg/kg JJPAAZ 3,99,54

THIOCYANIC ACID, 2-HYDROXYETHYL ESTER, LAURATE see: OF0875000

XL1538000 THIOCYANIC ACID, LEAD(2+) SALT
CAS: 592-87-0 MW: 162.69 MOLFM: C-H-N-S . 1/2Pb
SYN: FERROUS ISOTHIOCYANATE * LEAD DITHIOCYANATE * LEAD ISOTHIOCYANATE * LEAD SULFOCYANATE * LEAD THIOCYANATE * LEAD THIOCYANATE (DOT) * NA 2291 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XL1550000 THIOCYANIC ACID, MERCURY(II) SALT
UPDT:8308 CAS: 592-85-8 MW: 158.38 MOLFM: C-N-S . 1/2Hg
SYN: MERCURIC SULFOCYANATE * MERCURIC SULFO CYANATE, SOLID (DOT) * MERCURIC SULFOCYANIDE * MERCURIC THIOCYANATE, SOLID (DOT) * UN 1646 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Hg)/m3 (skin) DTLVS* 4,254,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XL1850000 THIOCYANIC ACID, PHENYL ESTER
UPDT:8406 CAS: 5285-87-0 MW: 135.19 MOLFM: C7-H5-N-S
SYN: PHENYLRHODANID (German) * PHENYL THIOCYANATE
TOXICITY DATA AND REFERENCES:
ipr-rat LDLo:40 mg/kg ARZNAD 16,870,66
3C08F12J26 orl-mus LD50:80 mg/kg JJPAAZ 3,99,54
3C08F12J26 ipr-mus LD50:20 mg/kg JJPAAZ 3,99,54
3C08J26J30 scu-mus LD50:80 mg/kg JJPAAZ 3,99,54
3C08F12J26 ivn-mus LD50:6700 ug/kg JJPAAZ 3,99,54
ivn-rbt LDLo:40 mg/kg AEPPAE 150,257,30
* ims-pgn LD50:25 mg/kg JJPAAZ 3,99,54

THIOCYANIC ACID, PHENYLMETHYL ESTER (9CI) see: XK8155000

XL1925000 THIOCYANIC ACID, POTASSIUM SALT
UPDT:8405 CAS: 333-20-0 MW: 97.18 MOLFM: C-N-S . K
SYN: ARTEROCYN * ATEROCYN * KYONATE * POTASSIUM ISOTHIOCYANATE * POTASSIUM RHODANATE * POTASSIUM RHODANIDE * POTASSIUM SULFOCYANATE * POTASSIUM THIOCYANATE * POTASSIUM THIOCYANIDE * RHOCYA * RODANCA * RHODANIDE * THIOCARA
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T52 orl-dom TDLo:1779 mg/kg (1-20W preg) RJARAV 14,67,76
TOXICITY DATA AND REFERENCES:
orl-hmn LDLo:80 mg/kg JAMAAP 119,1177,42
2F12J22 orl-rat LD50:854 mg/kg JAPMA8 29,152,40
* scu-rat LDLo:1000 mg/kg JAPMA8 29,152,40
2F12J22 orl-mus LD50:594 mg/kg JAPMA8 29,152,40
2F12J22 ivn-mus LD50:88200 ug/kg JAPMA8 29,152,40
* ivn-dog LDLo:100 mg/kg JAPMA8 29,152,40
orl-rbt LDLo:500 mg/kg HBAMAK 4,1391,35

BEST COPY

	scu-rbt LDLo:550 mg/kg	HBAMAK 4,1391,35
	ivn-rbt LDLo:150 mg/kg	HBAMAK 4,1391,35
*	orl-gpg LDLo:600 mg/kg	JAPMA8 29,152,40
	scu-gpg LDLo:150 mg/kg	HBAMAK 4,1391,35
	scu-pgn LDLo:500 mg/kg	HBAMAK 4,1391,35
	ims-pgn LDLo:750 mg/kg	HBAMAK 4,1391,35
	orl-frg LDLo:300 mg/kg	HBAMAK 4,1391,35
	ims-frg LDLo:100 mg/kg	HBAMAK 4,1391,35
*	unk-frg LDLo:250 mg/kg	JAPMA8 29,152,40

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XL2275000 THIOCYANIC ACID, SODIUM SALT
UPDT:8408 CAS: 540-72-7 MW: 82.08 MOLFM: C-H-N-S Na
SYN: HAIMASED * NATRIUMRHODANID (German) * SCYAN * SODIUM ISOTHIOCYANATE * SODIUM RHODANATE * SODIUM RHODANIDE * SODIUM SULFOCYANATE * SODIUM SULFOCYANIDE * SODIUM THIOCYANATE * SODIUM THIOCYANIDE * THIOCYANATE SODIUM * USAF EK-T-434

TOXICITY DATA AND REFERENCES:

2F12J22	orl-rat LD50:764 mg/kg	JAPMA8 29,152,40
	ipr-rat LD50:540 mg/kg	JPETAB 96,416,49
*	itr-rat LD50:232 mg/kg	85GMAT -,106,82
*	orl-mus LD50:362 mg/kg	85GMAT -,106,82
3C08F12J26	ipr-mus LD50:500 mg/kg	JJPAAZ 3,99,54
*	scu-mus LDLo:400 mg/kg	JAPMA8 29,152,40
2F12J22	ivn-mus LD50:484 mg/kg	JAPMA8 29,152,40
	ivn-dog LDLo:360 mg/kg	AEPPAE 169,429,33
	orl-rbt LDLo:750 mg/kg	AEPPAE 169,429,33
	scu-rbt LDLo:300 mg/kg	AEPPAE 152,250,30
	ivn-rbt LDLo:250 mg/kg	AEPPAE 169,429,33
*	orl-gpg LDLo:600 mg/kg	JAPMA8 29,152,40
	ipr-gpg LDLo:500 mg/kg	AEPPAE 169,429,33
*	scu-gpg LDLo:500 mg/kg	JAPMA8 29,152,40

STATUS:
* REPORTED IN EPA TSCA INVENTORY, 1983

THIOCYANIC ACID, TRIMETHYLSTANNYL ESTER see: WH8637000
THIOCYANIC ACID, TRIPHENYLSTANNYL ESTER see: WH8900000
4-THIOCYANOANILINE see: XK7700000
p-THIOCYANODIMETHYLANILINE see: BX8050000
4-THIOCYANO-N,N-DIMETHYLANILINE see: BX8050000
THIOCYANO-ESSIGSAEURE-AETHYL-ESTER (German) see: AJ6200000
2-THIOCYANOETHYL COCONATE see: OF0875000
2-THIOCYANOETHYL DODECANOATE see: OF0875000
beta-THIOCYANOETHYL LAURATE see: OF0875000
2-THIOCYANOETHYL LAURATE see: OF0875000
2-(THIOCYANOMETHYLTHIO)BENZOTHIAZOLE 30% see: XK8150000
2-(THIOCYANOMETHYLTHIO)BENZOTHIAZOLE, 70% see: XK8151000
THIOCYCLAM (ETHANEDIOATE 1:1) see: YL8300000
THIOCYCLAM HYDROGEN OXALATE see: YL8300000
THIOCYCLOPENTANE-1,1-DIOXIDE see: XN0700000
THIOCYMETIN see: AB6680000
THIOCYNAMINE see: YR8050000
THIODAN see: RB9275000
THIODEMETON see: TD9275000
THIODEMETRON see: TD9275000
p,p-THIODIANILINE see: BY9625000
4,4'-THIODIANILINE see: BY9625000
2,2'-THIODIETHANOL see: KM2975000
THIODIETHYLENE GLYCOL see: KM2975000
THIODIFENYLAMINE (Dutch) see: SN5075000
THIODIGLYCOL see: KM2975000
beta-THIODIGLYCOL see: KM2975000
S,S'-(THIODIMETHYLENE) BIS(O-ETHYL ETHYLPHOSPHONODITHIOATE see: TB1060000
S,S'-(THIODIMETHYLENE) O,O'-DIETHYL BIS(ETHYLPHOSPHONODITHIOATE) see: TA7200000
S,S'-(THIODIMETHYLENE) O,O'-DIMETHYL BIS(ETHYLPHOSPHONODITHIOATE) see: TA7210000
2-THIO-3,5-DIMETHYLTETRAHYDRO-1,3,5-THIADIAZINE see: XI2800000
4,4'-THIODIPHENOL see: SN0800000
THIODIPHENYLAMIN (German) see: SN5075000
THIODIPHENYLAMINE see: SN5075000
N,N'-(THIODI-4,1-PHENYLENE)BIS(2-CHLOROACETAMIDE) see: AC8985000
O,O'-(THIODI-4,1-PHENYLENE)BIS(O,O-DIMETHYL PHOSPHOROTHIOATE) see: TF6890000
N,N'-(THIODI-4,1-PHENYLENE)BIS(4-MORPHOLINEACETAMIDE) see: QD6495100
N,N'-(THIODI-4,1-PHENYLENE)BIS(1-PIPERIDINEACETAMIDE) see: TM3517000
THIODI-p-PHENYLENEDIAMINE see: BY9625000
O,O'-(THIODI-p-PHENYLENE) O,O,O',O'-TETRAMETHYL BIS(PHOSPHOROTHIOATE) see: TF6890000
THIODIPHOSPHORIC ACID TETRAETHYL ESTER see: XN4375000
THIODIPHOSPHORIC ACID((HO)2PO) 2S, O,O,O-TRIMETHYL O-(NITROPHENYL) ESTER see: TG2810000
beta,beta'-THIODIPROPIONITRILE see: UG4375000
2-THIO-1,3-DITHIO(4,5-b)QUINOXALINE see: FG2700000
THIODOW see: ZH3325000
THIODROL see: KC1035000 2-alpha,3-alpha-EPITHIO-5-alpha-ANDROSTAN-17-beta-OL
THIOETHANOL see: KI9625000
2-THIOETHANOL see: KL5600000
THIOETHANOLAMINE see: KJ0175000
THIOETHYL ALCOHOL see: KI9625000
THIOETHYL ETHER see: LC7200000
THIOFACO M-50 see: KJ5775000
THIOFACO T-35 see: KL9275000
THIOFANATE see: BA3650000
THIOFANOX see: EL8200000
THIOFIDE see: DL4550000
THIOFOR see: RB9275000
THIOFOSGEN (Czech) see: XN2450000
THIOFURAM see: XM7350000
THIOFURAN see: XM7350000
THIOFURFURAN see: XM7350000
(1-THIO-D-GLUCOPYRANOSATO)GOLD see: MD6475000
(1-THIO-beta-D-GLUCOPYRANOSATO)-(TRIETHYLPHOSPHINE)GOLD 2,3,4,6-TETRAACETATE see: MD6500000
5-THIO-alpha-D-GLUCOPYRANOSE see: LZ7500000
1-THIO-D-GLUCOPYRANOSE, GOLD COMPLEX see: MD6475000
1-THIO-GLUCOPYRANOSE, MONOGOLD(1+) SALT see: MD6475000
1-THIO-D-GLUCOPYRANOSE, MONOGOLD(1+) SALT see: MD6475000
5-THIO-D-GLUCOSE see: LZ7500000
THIOGLUCOSE D'OR (French) see: MD6475000
THIOGLYCOL see: KL5600000
THIOGLYCOL (DOT) see: KL5600000
THIOGLYCOLIC ACID see: AI5950000
2-THIOGLYCOLIC ACID see: AI5950000
THIOGLYCOLIC ACID (DOT) see: AI5950000
THIOGLYCOLIC ACID, S-(METHYLMERCURIC)-, SODIUM SALT see: OU9660000
THIOGLYCOLLIC ACID see: AI5950000
THIOGUAIACOL see: DC1790000
THIOGUANINE see: UP0740000
6-THIOGUANINE see: UP0740000
THIOGUANINE DEOXYRIBOSIDE see: UP0750000
beta-THIOGUANINE DEOXYRIBOSIDE see: UP0750000
beta-THIOGUANINE DEOXYRIBOSIDE see: UP0175000
THIOISOBUTYRIC ACID see: TZ7230000
alpha-THIOISOBUTYRIC ACID see: TZ7230000
THIOKARBONYLCHLORID (Czech) see: XN2450000
2-THIO-4-KETOTHIAZOLIDINE see: VI7700000
THIOKOL NVT see: VL8020000
THIOKTSAFURE (German) see: JP1190000
THIOLA see: MC0596500
THIOLACETIC ACID see: AJ5600000
2-THIOLACTIC ACID see: UF5250000
THIOLACTIC ACID (DOT) see: UF5250000
THIOLANE see: XN0370000
THIOLANE-1,1-DIOXIDE see: XN0700000
THIOLAN-2-ONE see: XN1930000
2-THIOL-DIHYDROGLYOXALINE see: NI9625000
THIOLE see: XM7350000
THIOLUTIN see: JP1355000
THIOLUX see: WS4250000
THIOMEBUMAL see: CQ6300000
THIOMEBUMAL SODIUM see: CQ6475000
THIOMECIL see: YR0875000
THIOMEROSAL see: OV8400000
THIOMERSAL see: OV8400000
THIOMERSALATE see: OV8400000
THIOMETHAN see: TG1575000
THIOMETHANOL see: PB4375000
THIOMIDIL see: YR0875000
2-THIO-6-METHYL-1,3-PYRIMIDIN-4-ONE see: YR0875000
6-THIO-4-METHYLURACIL see: YR0875000
THIOMETON see: TE4375000
THIOMICID see: AE3850000
THIOMID see: NS0350000
THIOMONOGLYCOL see: KL5600000
THIOMORPHOLIDOPHOSPHORIC DIETHYLENIMIDE see: SZ2530000

XM2970000 4-THIOMORPHOLINEBUTYRAMIDE, alpha,alpha-DIPHENYL-
UPDT:8305 MW: 340.52 MOLFM: C20-H24-N2-O-S
SYN: alpha,alpha-DIPHENYL-4-THIOMORPHOLINEBUTYRAMIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:78 mg/kg	AIPTAK 103,100,55

XM3020000 THIOMORPHOLINE, 3-METHYL-4-((5-NITROFURFURYLIDENE)-, 1,1-DIOXIDE
UPDT:8407 CAS: 23256-30-6 MW: 287.32 MOLFM: C10-H13-N3-O5-S
SYN: BAY 2502 * BAYER 2502 * LAMPIT * 3-METHYL-4-(5'-NITROFURYLIDENE-AMINO)-TETRAHYDRO-4H-1,4-THIAZINE-1,1-DIOXIDE * NIFURTIMOX * 4-((5-NITROFURFURYLIDENE)AMINO)-3-METHYLTHIOMORPHOLINE-1,1-DIOXIDE * 1-((5-NITROFURFURYLIDENE)AMINO)-2-METHYLTETRAHYDRO-1,4-THIAZINE-4,4-DIOXIDE * TETRAHYDRO-3-METHYL-4-((5-NITROFURFURYLIDENE)AMINO); 2H-1,4-THIAZINE 1,1-DIOXIDE

MUTATION DATA AND REFERENCES:

	mmo-sat 250 ug/L	CHABA8 93,108591c,80
	mmo-esc 50 mg/L	MUREAV 77,241,80
	dnr-esc 500 mg/L	FOMIAZ 25,388,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T23	orl-rat TDLo:2520 mg/kg (70D male)	ARZNAD 22,1603,72
1T34	orl-rat TDLo:500 mg/kg (6-15D preg)	ARZNAD 22,1603,72
1T34	orl-mus TDLo:1250 mg/kg (6-15D preg)	ARZNAD 22,1603,72

TUMORIGENIC DATA AND REFERENCES:

3V03N61R60	orl-rat TDLo:11700 mg/kg/47W-I	ARZNAD 22,1607,72
3V03N62R60	scu-rat TDLo:11700 mg/kg/47W-I	ARZNAD 22,1607,72

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:4050 mg/kg	85ESA3 9,850,76
1F12	orl-mus LD50:2291 mg/kg	TRSTAZ 74,43,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XM3050000 THIOMORPHOLINE, 4-NITROSO-
UPDT:8401 CAS: 26541-51-5 MW: 132.20 MOLFM: C4-H8-N2-O-S
SYN: MORPHOLINE, 4-NITROSOTHIO- * N-NITROSOTHIOMORPHOLINE * 4-NITROSOTHIOMORPHOLINE

MUTATION DATA AND REFERENCES:

	mma-sat 1 umol/plate	MUREAV 57,1,78

TUMORIGENIC DATA AND REFERENCES:

2V01K60	orl-rat TDLo:860 mg/kg/38W-I	ZEKBAI 74,179,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XM3050150 THIOMORPHOLINIUM, 4-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-4-METHYL-, IODIDE
UPDT:8305 MW: 482.46 MOLFM: C21-H27-N2-O-S I
SYN: 4-(3-CARBAMOYL-3,3-DIPHENYLPROPYL)-4-METHYLTHIOMORPHOLINIUM IODIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:21 mg/kg	AIPTAK 103,100,55

THIOMUCASE see: MT7260000
THIOMUL see: RB9275000
THIONAZIN see: TF5775000
THIONEMBUTAL see: CQ6475000
THIONEX see: WQ1750000
THIONEX see: RB9275000
THIONEX RUBBER ACCELERATOR see: WQ1750000
THIONICID see: AE3850000
THIONIDEN see: NS0350000
THIONIN see: SN5425000
THIONINE see: SN5425000
THIONOACETIC ACID see: AJ5600000
THIONTAN see: SO4375000
THIONYLAN see: UT1400000

XM5150000 THIONYL CHLORIDE
UPDT:8308 CAS: 7719-09-7 MW: 118.96 MOLFM: Cl2-O-S
SYN: SULFINYL CHLORIDE * SULFUR CHLORIDE OXIDE * SULFUROUS DICHLORIDE * SULFUROUS OXYCHLORIDE * THIONYL CHLORIDE (DOT) * THIONYL DICHLORIDE * UN 1836 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

THIONYL CHLORIDE (DOT) see: XM5150000
THIONYL DICHLORIDE see: XM5150000

THIONYL DIFLUORIDE see: XM5425000

XM5425000 THIONYL FLUORIDE
UPDT:8105 CAS: 7783-42-8 MW: 86.06 MOLFM: F2-O-S
SYN: FLUORURE DE THIONYLE (French) * SULFUR DIFLUORIDE MONOXIDE * SULFUR DIFLUORIDE OXIDE * SULFUROUS OXYFLUORIDE * THIONYL DIFLUORIDE
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:260 ppm/1H AMPMAR 34(10-11),581,73
ihl-rbt LCLo:1000 ppm/1H AMPMAR 34(10-11),581,73
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

THIOOCTANOIC ACID see: JP1190000
THIOOCTANOIC ACID S-2-AMINOETHYL ESTER HYDROCHLORIDE see: RH0787400
2-THIO-4-OXO-6-METHYL-1,3-PYRIMIDINE see: YR0875000
2-THIO-4-OXO-6-PROPYL-1,3-PYRIMIDINE see: YR1400000
2-THIO-6-OXYPYRIMIDINE see: YR1575000
THIOPARAMIZON see: AE3850000
THIOPARAMIZONE see: AE3850000
THIOPENTAL see: CQ6300000
THIOPENTAL SODIUM see: CQ6475000
THIOPENTAL SODIUM SALT see: CQ6475000
THIOPENTOBARBITAL see: CQ6300000
THIOPENTONE see: CQ6300000
THIOPENTONE SODIUM see: CQ6475000

XM6828300 THIOPEPTIN
UPDT:8312 CAS: 12609-84-6
TOXICITY DATA AND REFERENCES:
3F17J25K32 ipr-rat LD50:440 mg/kg AMACCQ 1,496,72
* ipr-mus LD50:662 mg/kg AMACCQ 1,496,72

THIOPERAZINE see: SP5400000

XM6860000 THIOPEROXYDICARBONIC ACID, DIBUTYL ESTER
UPDT:8412 CAS: 105-77-1 MW: 298.52 MOLFM: C10-H18-O2-S4
TOXICITY DATA AND REFERENCES:
3F07F11F19 orl-mus LD50:2700 mg/kg GISAAA 47(3),88,82

THIOPEROXYDICARBONIC ACID DIETHYL ESTER see: LQ7700000
THIOPEROXYDICARBONIC ACID, DIMETHYL ESTER see: LQ8050000

XM6886000 THIOPEROXYDICARBONIC DIAMIDE, TETRAETHYL-
UPDT:8308 MW: 296.56 MOLFM: C10-H20-N2-S4
SYN: DUPON 4472 * DUPONT FUNGICIDE 4472 * ENT 27,340 * NSC 190940 * TETRAETHYLTHIOPEROXYDICARBONIC DIAMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8600 mg/kg ARSIM* 20,9,66

THIOPEROXYDICARBONIC DIAMIDE, TETRAMETHYL- see: JO1400000
THIOPHAL see: TI5685000
THIOPHANAT (German) see: BA3650000
THIOPHANATE see: BA3650000
THIOPHANATE ETHYL see: BA3650000
THIOPHANATE M see: BA3675000
THIOPHANATE METHYL see: BA3675000
THIOPHANATE METHYL-MANEB mixt. see: OP0480000
THIOPHANE see: XN0370000
THIOPHANE DIOXIDE see: XN0700000
THIOPHAN SULFONE see: XN0700000
THIOPHEN see: XM7350000

XM7250000 3-THIOPHENAMINE, TETRAHYDRO-N-METHYL-N-NITROSO-, 1,1-DIOXIDE
UPDT:8401 CAS: 13256-21-8 MW: 178.23 MOLFM: C5-H10-N2-O3-S
SYN: 3-(N-NITROSOMETHYLAMINO)SULFOLAN (German) * PHENAMINE, TETRAHYDRO-N-METHYL-N-NITROSO-3-THIO-, 1,1-DIOXIDE * N-NITROSOMETHYLAMINOSULFOLANE * TETRAHYDRO-N-METHYL-N-NITROSO-3-THIOPHENAMINE 1,1-DIOXIDE
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:2700 mg/kg/48W-C ARZNAD 19,1077,69
TOXICITY DATA AND REFERENCES:
orl-rat LD50:750 mg/kg ZEKBAI 69,103,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

THIOPHENE (DOT) see: XM7350000

XM7350000 THIOPHENE
UPDT:8404 CAS: 110-02-1 MW: 84.14 MOLFM: C4-H4-S
SYN: CP 34 * DIVINYLENE SULFIDE * HUILE H50 * HUILE HSO * THIACYCLOPENTADIENE * THIAPHENE * THIOFURAN * THIOFURAM * THIOFURFURAN * THIOLE * THIOPHEN * THIOPHENE (DOT) * THIOTETROLE * UN 2414 (DOT) * USAF EK-1860
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:8700 ppm ATORAI -,-,48
ipr-mus LD50:100 mg/kg NTIS** AD277-689
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ATORAI -,-,48
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 255
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

7-(THIOPHENE-2-ACETAMIDO)CEPHALOSPORANIC ACID see: XI0388000
7-(THIOPHENE-2-ACETAMIDO)-3-(1-PYRIDYLMETHYL)-3-CEPHEM-4-CARBOXYLIC ACID BETAINE see: UU3675000

XM7570000 3-THIOPHENEACETIC ACID
UPDT:8308 CAS: 6964-21-2 MW: 142.18 MOLFM: C6-H6-O2-S
SYN: 3-THIENYLACETIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:985 mg/kg THERAP 26,831,71

XM7580000 2-THIOPHENEACETIC ACID, 5-BENZOYL-alpha-METHYL-
UPDT:8406 CAS: 33005-95-7 MW: 260.32 MOLFM: C14-H12-O3-S
SYN: 5-BENZOYL-alpha-METHYL-2-THIOPHENEACETIC ACID * FC 3001 * RU 15060 * SURGAM * TIAPROFENIC ACID
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-mus TDLo:1800 mg/kg (10W male/2W pre-6D preg) JZKEDZ 6,195,80
1T35 orl-mus TDLo:7200 mg/kg (10W male/2W pre-6D preg) JZKEDZ 6,195,80
1T46 orl-mus TDLo:200 mg/kg (6-15D preg) JZKEDZ 6,205,80
TOXICITY DATA AND REFERENCES:
1F25 orl-rat LD50:181 mg/kg OYYAA2 9,715,75
1F25 ipr-rat LD50:225 mg/kg OYYAA2 9,715,75
1F25 orl-mus LD50:690 mg/kg OYYAA2 9,715,75
1F25 ipr-mus LD50:430 mg/kg OYYAA2 9,715,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XM7590000 2-THIOPHENEACETIC ACID, alpha-2-CYCLOHEXEN-1-YL-, 2-DIISOPROPYLAMINOETHYL ESTER, HYDROCHLORIDE
UPDT:8405 MW: 386.04 MOLFM: C20-H31-N-O2-S Cl-H
SYN: alpha-2-CYCLOHEXEN-1-YL-2-THIOPHENEACETIC ACID 2-DIISOPROPYLAMINOETHYL ESTER HYDROCHLORIDE * beta-DIISOPROPYLAMINOETHYL alpha-(2-CYCLOHEXENYL)-alpha-(2-THIENYL)-ACETATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1450 mg/kg JAPMA8 45,578,56
* ivn-mus LD50:62800 ug/kg JAPMA8 45,578,56

XM7642000 2-THIOPHENEACETONITRILE, alpha-(4-CHLOROBUTYL)-alpha-(2-(DIMETHYLAMINO)ETHYL)-, MONOHYDROCHLORIDE
UPDT:8311 CAS: 58562-88-6 MW: 321.34 MOLFM: C14-H21-Cl-N2-S Cl-H
SYN: alpha-(4-CHLOROBUTYL)-alpha-(2-(DIMETHYLAMINO)ETHYL)-2-THIOPHENEACETONITRILE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:270 mg/kg EJMCA5 12,379,77
* ipr-mus LD50:150 mg/kg EJMCA5 12,379,77

XM7643000 2-THIOPHENEACETONITRILE, alpha-(3-CHLOROPROPYL)-alpha-(2-(DIPROPYLAMINO)ETHYL)-
UPDT:8311 CAS: 58562-92-8 MW: 326.97 MOLFM: C17-H27-Cl-N2-S
SYN: alpha-(3-CHLOROPROPYL)-alpha-(2-(DIPROPYLAMINO)ETHYL)-2-THIOPHENEACETONITRILE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:375 mg/kg EJMCA5 12,379,77
* ipr-mus LD50:150 mg/kg EJMCA5 12,379,77

XM7645000 2-THIOPHENEACETONITRILE, alpha-(2-(DIETHYLAMINO)ETHYL)-alpha-(1-METHYLETHYL)-
UPDT:8311 CAS: 64647-31-0 MW: 264.47 MOLFM: C15-H24-N2-S
SYN: alpha-(2-(DIETHYLAMINO)ETHYL)-alpha-(1-METHYLETHYL)-2-THIOPHENEACETONITRILE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:275 mg/kg EJMCA5 12,379,77
* ipr-mus LD50:110 mg/kg EJMCA5 12,379,77

THIOPHENE, 2-ACETYL-5-NITRO- see: OB5040000

XM7750000 2-THIOPHENEACRYLIC ACID, 2-(4-(p-CHLOROPHENYL)-1-PIPERAZINYL)ETHYL ESTER
UPDT:8312 MW: 376.93 MOLFM: C19-H21-Cl-N2-O2-S
SYN: 1-PIPERAZINEETHANOL, 4-(p-CHLOROPHENYL)-, 2-THIOPHENEACRYLATE
TOXICITY DATA AND REFERENCES:
1F29 ipr-mus LD50:2100 mg/kg JPMSAE 55,290,66

2-THIOPHENEALANINE see: XN0290000

XM8290000 2-THIOPHENECARBOXAMIDE
UPDT:8402 CAS: 5813-89-8 MW: 127.17 MOLFM: C5-H5-N-O-S
SYN: 2-THIENYLAMIDE (French)
TOXICITY DATA AND REFERENCES:
3F18F19J25 ipr-mus LD50:85 mg/kg APFRAD 19,449,61

alpha-THIOPHENECARBOXYLIC ACID see: XM8330200
beta-THIOPHENECARBOXYLIC ACID see: XM8330300

XM8330200 2-THIOPHENECARBOXYLIC ACID
UPDT:8401 CAS: 527-72-0 MW: 128.15 MOLFM: C5-H4-O2-S
SYN: 2-CARBOXYTHIOPHENE * 2-THENOIC ACID * alpha-THIOPHENECARBOXYLIC ACID * 2-THIOPHENIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1670 mg/kg THERAP 26,831,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XM8330300 3-THIOPHENECARBOXYLIC ACID
UPDT:8308 CAS: 88-13-1 MW: 128.15 MOLFM: C5-H4-O2-S
SYN: 3-THENOIC ACID * beta-THIOPHENECARBOXYLIC ACID * beta-THIOPHENIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:6000 mg/kg THERAP 26,831,71

XM8340000 2-THIOPHENECARBOXYLIC ACID, 5-((3-(ACETOXYMERCURI)-2-METHOXYPROPYL)SULFAMOYL)-, ETHYL ESTER
UPDT:8405 MW: 566.04 MOLFM: C13-H19-Hg-N-O7-S2
SYN: 5-((3-(ACETOXYMERCURI)-2-METHOXYPROPYL)SULFAMOYL)-2-THIOPHENECARBOXYLIC ACID ETHYL ESTER * 2-CARBETHOXY-5-(N-(gamma-ACETOXYMERCURI-beta-METHOX[illegible]OPYL))-THIOPHENESULFONAMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:741 mg/kg JAPMA8 41,273,52

XM8450000 2-THIOPHENECARBOXYLIC ACID, 3-(2,5-DIMETHYL-1-PYRROLYL)PROPYL ESTER
UPDT:8306 MW: 263.38 MOLFM: C14-H17-N-O2-S
SYN: 3-(2,5-DIMETHYL-1-PYRROLYL)PROPYL ESTER of 2-THIOPHENECARBOXYLIC ACID * 2-THENOATE de gamma-(2,5-DIMETHYL-1-1PYRRYL)PROPYLE (French)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1500 mg/kg AIPTAK 108,180,56

XM8460000 2-THIOPHENECARBOXYLIC ACID, 5-((3-(HYDROXYMERCURI)-2-METHOXYPROPYL)CARBAMOYL)-
UPDT:8403 MW: 459.89 MOLFM: C10-H13-Hg-N-O5-S
SYN: 2-CARBOXY-5-(N-(gamma-HYDROXYMERCURI-beta-METHOXYPROPYL))-THENOYLAMIDE * 5-((3-(HYDROXYMERCURI)-2-METHOXYPROPYL)CARBAMOYL)-2-THIOPHENECARBOXYLIC ACID
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:968 mg/kg JAPMA8 41,273,52

XM8475000 3-THIOPHENECARBOXYLIC ACID, 5-METHYL-
UPDT:8308 CAS: 19156-50-4 MW: 142.18 MOLFM: C6-H6-O2-S
SYN: 5-METHYL-3-THIOPHENECARBOXYLIC ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1300 mg/kg THERAP 26,831,71

XM8511000 2-THIOPHENECARBOXYLIC ACID, 4-METHYL-3-(2-(PROPYLAMINO)PROPIONAMIDO)-, METHYL ESTER, MONOHYDROCHLORIDE
UPDT:8412 CAS: 23964-57-0 MW: 320.87 MOLFM: C13-H20-N2-O3-S Cl-H
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:37 mg/kg PAWIAT 9,135,74

XM8511500 2-THIOPHENECARBOXYLIC ACID, 5-NITRO-, (3-(5-NITRO-2-FURANYL)-2-PROPENYLIDENE)HYDRAZIDE
UPDT:8411 CAS: 39978-42-2 MW: 336.30 MOLFM: C12-H8-N4-O6-S
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3200 mg/kg MEIEDD 10,939,83

XM8512000 2-THIOPHENECARBOXYLIC ACID, alpha-(1-PYRROLIDINYLMETHYL)BENZYL ESTER
UPDT:8309 MW: 301.43 MOLFM: C17-H19-N-O2-S
TOXICITY DATA AND REFERENCES:
1C17 scu-mus LDLo:300 mg/kg JACSAT 81,203,59

THIOPHENE, 3,4-DIBENZYLOXYTETRAHYDRO-, 1,1-DIOXIDE, (E)- see: XN0452000
THIOPHENE, 3,4-DIBENZYLOXYTETRAHYDRO-, 1,1-DIOXIDE, (Z)- see: XN0454000
THIOPHENE, 3,4-DICHLOROTETRAHYDRO-, 1,1-DIOXIDE see: XN0480000

XM9100000 THIOPHENE, 2,5-DIHYDRO-, 1,1-DIOXIDE
UPDT:8401 CAS: 77-79-2 MW: 118.16 MOLFM: C4-H6-O2-S
SYN: BUTADIENE SULFONE * 2,5-DIHYDROTHIOPHENE DIOXIDE * 2,5-DIHYDROTHIOPHENE 1,1-DIOXIDE * 2,5-DIHYDROTHIOPHENE SULFONE * NCI-C04557 * SULFOL-3-ENE * beta-SULFOLENE * 3-SULFOLENE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2830 mg/kg TXAPA9 28,313,74

1Y55 ipr-mus LD50:1700 mg/kg PCJOAU 12,1568,78
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-102,78)
REPORTED IN EPA TSCA INVENTORY, 1983

XM9275000 THIOPHENE, 2,4-DINITRO-
UPDT:8402 CAS: 5347-12-6 MW: 174.14 MOLFM: C4-H2-N2-O4-S
SYN: 2,4-DINITROTHIOPHENE
MUTATION DATA AND REFERENCES:
mmo-sat 50 umol/L MUREAV 118,153,83
mmo-klp 500 umol/L MUREAV 118,153,83
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:1 mg/kg HBTXAC 5,171,59
ivn-mus LD50:32 mg/kg CBCCT* 6,143,54
par-mus LDLo:40 mg/kg CBCCT* 7,695,55

XM9320000 2,4-THIOPHENEDISULFONAMIDE
UPDT:8405 CAS: 22167-98-2 MW: 242.30 MOLFM: C4-H6-N2-O4-S3
SYN: DISULFAMIDO-2,4 THIOPHENE (French)
TOXICITY DATA AND REFERENCES:
3F18F19J25 ipr-mus LD50:2000 mg/kg APFRAD 19,449,61

XM9325000 2,4-THIOPHENEDISULFONAMIDE, 5-CHLORO-
UPDT:8405 CAS: 22167-99-3 MW: 276.74 MOLFM: C4-H5-Cl-N2-O4-S3
SYN: 5-CHLORO-2,4-THIOPHENEDISULFONAMIDE
TOXICITY DATA AND REFERENCES:
3F18F19J25 ipr-mus LD50:500 mg/kg APFRAD 19,449,61

XM9327000 2,4-THIOPHENEDISULFONAMIDE, 5-METHYL-
UPDT:8405 MW: 256.33 MOLFM: C5-H8-N2-O4-S3
SYN: METHYL-5 DISULFONAMIDE-2,4 THIOPHENE (French) * 5-METHYL-2,4-THIOPHENEDISULFONAMIDE
TOXICITY DATA AND REFERENCES:
3F18F19J25 ipr-mus LD50:2000 mg/kg APFRAD 19,449,61

1,1'-(2,5-THIOPHENEDIYLBIS(DIMETHYLSILYLENE))SILATRANE see: YI9220000

XM9625000 THIOPHENE, 2-METHYL-
UPDT:8408 CAS: 554-14-3 MW: 98.17 MOLFM: C5-H6-S
SYN: 2-METHYLTHIOPHENE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3200 mg/kg 85GMAT -,87,82
* ipr-rat LD50:1 gm/kg 85GMAT -,87,82
* orl-mus LD50:1460 mg/kg 85GMAT -,87,82
* ihl-mus LC50:11500 mg/m3/2H 85GMAT -,87,82
* ipr-mus LDLo:500 mg/kg CBCCT* 1,47,49
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XM9800000 THIOPHENE, 3-METHYL-
UPDT:8408 CAS: 616-44-4 MW: 98.17 MOLFM: C5-H6-S
SYN: 3-METHYLTHIOPHENE * 3-THIOTOLENE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1800 mg/kg 85GMAT -,87,82
* ihl-mus LC50:18 gm/m3/2H 85GMAT -,87,82
* ipr-mus LDLo:512 mg/kg CBCCT* 1,47,49
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XN0030000 THIOPHENE, 2-NITRO-
UPDT:8403 CAS: 609-40-5 MW: 129.14 MOLFM: C4-H3-N-O2-S
SYN: 2-NITROTHIOPHENE
MUTATION DATA AND REFERENCES:
mmo-sat 2 umol/L MUREAV 118,153,83
mmo-klp 20 umol/L MUREAV 118,153,83
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:64 mg/kg CBCCT* 2,244,50
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XN0030100 THIOPHENE, 3-NITRO-
UPDT:8402 CAS: 822-84-4 MW: 129.14 MOLFM: C4-H3-N-O2-S
SYN: 3-NITROTHIOPHENE
MUTATION DATA AND REFERENCES:
mmo-sat 20 umol/L MUREAV 118,153,83
mmo-klp 100 umol/L MUREAV 118,153,83

2-THIOPHENEPROPANOIC ACID, alpha-AMINO- (9CI) see: XN0290000

XN0290000 2-THIOPHENEPROPIONIC ACID, alpha-AMINO-
UPDT:8402 CAS: 139-86-6 MW: 171.23 MOLFM: C7-H9-N-O2-S
SYN: 2-THIENYLALANINE * beta-2-THIENYLALANINE * DL-beta-2-THIENYLALANINE * 2-THIOPHENEALANINE * 2-THIOPHENEPROPANOIC ACID, alpha-AMINO- (9CI)
MUTATION DATA AND REFERENCES:
mmo-omi 100 mg/L MUREAV 12,349,71
dnd-hmn:hla 200 umol/L ECREAL 107,191,77
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T81T91 ipr-mus TDLo:4800 mg/kg (10-12D preg) TJADAB 4,295,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XN0294000 2-THIOPHENESULFONAMIDE
UPDT:8402 MW: 163.22 MOLFM: C4-H5-N-O2-S2
SYN: SULFAMIDO-2 THIOPHENE (French)
TOXICITY DATA AND REFERENCES:
3F18F19J25 ipr-mus LD50:300 mg/kg APFRAD 19,449,61

XN0294500 2-THIOPHENESULFONAMIDE, N-(3-(ACETOXYMERCURI)-2-METHOXYPROPYL)-
UPDT:8405 MW: 493.97 MOLFM: C10-H15-Hg-N-O5-S2
SYN: N-(3-(ACETOXYMERCURI)-2-METHOXYPROPYL)-2-THIOPHENESULFONAMIDE * 2-(N-(gamma-ACETOXYMERCURI-beta-METHOXYPROPYL))-THIOPHENESULFONAMIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:128 mg/kg JAPMA8 41,273,52
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XN0295000 2-THIOPHENESULFONAMIDE, 5,5'-CARBONYLBIS-
UPDT:8402 MW: 352.43 MOLFM: C9-H8-N2-O5-S4
SYN: 5,5'-CARBONYLBISTHIOPHENESULFONAMIDE * DISULFAMIDO-DITHIENYL-2,2' CETONE (French)
TOXICITY DATA AND REFERENCES:
3F18F19J25 ipr-mus LD50:750 mg/kg APFRAD 19,449,61

XN0296000 2-THIOPHENESULFONAMIDE, 5-CHLORO-
UPDT:8402 MW: 197.66 MOLFM: C4-H4-Cl-N-O2-S2
SYN: 5-CHLORO-2-THIOPHENESULFONAMIDE
TOXICITY DATA AND REFERENCES:
3F18F19J25 ipr-mus LD50:50 mg/kg APFRAD 19,449,61

XN0297000 3-THIOPHENESULFONAMIDE, 2,5-DICHLORO-
UPDT:8402 MW: 232.10 MOLFM: C4-H3-Cl2-N-O2-S2
SYN: 2,5-DICHLORO-3-THIOPHENESULFONAMIDE
TOXICITY DATA AND REFERENCES:
3F18F19J25 ipr-mus LD50:175 mg/kg APFRAD 19,449,61

XN0298000 3-THIOPHENESULFONAMIDE, 5-NITRO-
UPDT:8402 MW: 208.22 MOLFM: C4-H4-N2-O4-S2
SYN: 5-NITRO-3-THIOPHENESULFONAMIDE
TOXICITY DATA AND REFERENCES:
3F18F19J25 ipr-mus LD50:200 mg/kg APFRAD 19,449,61

THIOPHENE, TETRACHLORO- see: XN0350000

XN0350000 THIOPHENE, 2,3,4,5-TETRACHLORO-
UPDT:8309 CAS: 6012-97-1 MW: 221.90 MOLFM: C4-Cl4-S
SYN: 2,3,4,5-CHLOROTHIOPHENE * ENT 25,764 * IF * IF (FUMIGANT) * PENN SALT TD-183 * PENPHENE * PERCHLOROTHIOPHENE * TCTP * TD-183 * TETRACHLOROTHIOPHENE * TETRACHLOROTHIOFENE * THIOPHENE, TETRACHLORO-
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:70 mg/kg ARSIM* 20,17,66
ihl-rat LC50:146 ppm 28ZEAL 5,219,76
ipr-mus LDLo:64 mg/kg CBCCT* 1,47,49
* ivn-mus LD50:75 mg/kg CSLNX* NX#00063
skn-rbt LD50:256 mg/kg WRPCA2 9,119,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XN0370000 THIOPHENE, TETRAHYDRO-
CAS: 110-01-0 MW: 88.18 MOLFM: C4-H8-S
SYN: TETRAHYDROTHIOPHENE * TETRAHYDROTHIOPHENE (DOT) * TETRAMETHYLENESULFIDE * THIACYCLOPENTANE * THILANE * THIOLANE * THIOPHANE * UN 2412 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XN0452000 THIOPHENE, TETRAHYDRO-3,4-DIBENZYLOXY-, 1,1-DIOXIDE, (E)-
UPDT:8310 MW: 332.44 MOLFM: C18-H20-O4-S
SYN: trans-3,4-DIBENZYLOXYSULFOLANE * trans-3,4-DIBENZYLOXYTETRAHYDROTHIOPHENE 1,1-DIOXIDE * THIOPHENE, 3,4-DIBENZYLOXYTETRAHYDRO-, 1,1-DIOXIDE, (E)-
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:2000 mg/kg RPTOAN 41,257,78

XN0454000 THIOPHENE, TETRAHYDRO-3,4-DIBENZYLOXY-, 1,1-DIOXIDE, (Z)-
UPDT:8310 MW: 332.44 MOLFM: C18-H20-O4-S
SYN: cis-3,4-DIBENZYLOXYSULFOLANE * cis-3,4-DIBENZYLOXYTETRAHYDROTHIOPHENE 1,1-DIOXIDE * THIOPHENE, 3,4-DIBENZYLOXYTETRAHYDRO-, 1,1-DIOXIDE, (Z)-
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:2300 mg/kg RPTOAN 41,257,78

XN0480000 THIOPHENE, TETRAHYDRO-3,4-DICHLORO-, 1,1-DIOXIDE
UPDT:8307 CAS: 3001-57-8 MW: 189.06 MOLFM: C4-H6-Cl2-O2-S
SYN: DAC PRD * DAC PRO * 3,4-DICHLOROSULFOLANE * 3,4-DICHLOROTETRAHYDROTHIOPHENE 1,1-DIOXIDE * DICHLOROTHIOLANE DIOXIDE * PRD * PRD EXPERIMENTAL NEMATOCIDE * THIOPHENE, 3,4-DICHLOROTETRAHYDRO-, 1,1-DIOXIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:482 mg/kg 28ZEAL 5,76,76
ipr-mus LD50:23 mg/kg RPTOAN 41,257,78
* ivn-mus LD50:56 mg/kg CSLNX* NX#03183
* skn-rbt LD50:1130 mg/kg TXAPA9 28,313,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XN0525000 THIOPHENE, TETRAHYDRO-2,4-DIMETHYL-, 1,1-DIOXIDE
UPDT:8306 CAS: 1003-78-7 MW: 148.24 MOLFM: C6-H12-O2-S
SYN: 2,4-DIMETHYL SULFOLANE * DMS
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg SCCUR* -,4,61
orl-mus LD50:140 mg/kg SCCUR* -,4,61
2F07F12 ipr-mus LD50:72 mg/kg AIHAAP 32,539,71
2F07F12 ivn-mus LD50:61 mg/kg AIHAAP 32,539,71
orl-rbt LD50:115 mg/kg SCCUR* -,4,61
2F07F12 ivn-rbt LD50:36 mg/kg AIHAAP 32,539,71

XN0700000 THIOPHENE, TETRAHYDRO-, 1,1-DIOXIDE
UPDT:8406 CAS: 126-33-0 MW: 120.18 MOLFM: C4-H8-O2-S
SYN: BONDELANE A * BONDOLANE A * CYCLIC TETRAMETHYLENE SULFONE * CYCLOTETRAMETHYLENE SULFONE * DIHYDROBUTADIENE SULPHONE * 1,1-DIOXIDETETRAHYDROTHIOFURAN * 1,1-DIOXIDETETRAHYDROTHIOPHENE * 1,1-DIOXOTHIOLAN * DIOXOTHIOLAN * SULFALONE * SULFOLAN * SULFOLANE * SULPHOLANE * SULPHOXALINE * TETRAHYDROTHIOPHENE DIOXIDE * TETRAHYDROTHIOPHENE 1,1-DIOXIDE * 2,3,4,5-TETRAHYDROTHIOPHENE-1,1-DIOXIDE * TETRAMETHYLENE SULFONE * THIACYCLOPENTANE DIOXIDE * THIOCYCLOPENTANE-1,1-DIOXIDE * THIOLANE-1,1-DIOXIDE * THIOPHANE DIOXIDE * THIOPHAN SULFONE
IRRITATION DATA AND REFERENCES:
eye-rbt 253 mg MLD BJIMAG 23,302,66
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1941 mg/kg AIHAAP 30,470,69
ihl-rat LCLo:4700 mg/m3/24H TXAPA9 40,463,77
* ipr-rat LD50:1600 mg/kg TOXID9 4,22,84
orl-mus LDLo:1900 mg/kg BJIMAG 23,302,66
ipr-mus LD50:1250 mg/kg RPTOAN 42,97,79
2F12F13 ivn-mus LD50:1080 mg/kg AIPTAK 119,423,59
* skn-rbt LD50:4009 mg/kg AIHAAP 30,470,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

THIOPHENE, TETRAHYDRO-3,4-EPOXY-, 1,1-DIOXIDE see: RP3850000
beta-THIOPHENIC ACID see: XM8330300
2-THIOPHENIC ACID see: XM8330200
THIOPHENICOL see: AB6680000
THIOPHENIT see: TG0175000
THIOPHENITE see: BA3650000
THIOPHENOL see: DC0525000
2(3H)-THIOPHENONE, DIHYDRO- (8CI,9CI) see: XN1930000

XN1930000 2-THIOPHENONE, TETRAHYDRO-
UPDT:8311 CAS: 1003-10-7 MW: 102.16 MOLFM: C4-H6-O-S
SYN: 4-BUTYROTHIOLACTONE * 4,5-DIHYDRO-3(2H)-THIOPHENONE * TETRAHYDRO-2-THIOPHENONE * THIACYCLOPENTAN-2-ONE * THIACYCLOPENTANONE-2 * gamma-THIOBUTYROLACTONE * 4-THIOBUTYROLACTONE * THIOLAN-2-ONE * 2(3H)-THIOPHENONE, DIHYDRO- (8CI,9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1860 mg/kg DCTODJ 3,249,80
ipr-mus LD50:199 mg/kg JMCMAR 14,846,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

THIOPHOS see: TF4550000
THIOPHOS 3422 see: TF4550000

XN2450000 THIOPHOSGENE
UPDT:8308 CAS: 463-71-8 MW: 114.97 MOLFM: C-Cl2-S
SYN: CARBON CHLOROSULFIDE * CARBONOTHIOIC DICHLORIDE (9CI) * CARBONYL CHLORIDE, THIO- * DICHLOROTHIOCARBONYL * PHOSGENE, THIO- * THIOCARBONIC DICHLORIDE * THIOCARBONYL CHLORIDE * THIOCARBONYL-CHLORIDE (DOT) * THIOCARBONYL DICHLORIDE * THIOFOSGEN (Czech) * THIOKARBONYLCHLORID (Czech) * THIOPHOSGENE (DOT) * UN 2474 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,13,72
eye-rbt 50 ug/24H SEV 28ZPAK -,13,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:929 mg/kg 28ZPAK -,13,72
* ivn-mus LD50:100 mg/kg CSLNX* NX#04557
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

THIOPHOSGENE (DOT) see: XN2450000
THIOPHOSPHAMIDE see: SZ2975000
THIOPHOSPHATE see: TE6440000
THIOPHOSPHATE DE S-N-(1-CYANO-1-METHYLETHYL)CARBAMOYLMETHYLE ET DE 0,0-DIETHYLE (French) see: TE8750000
THIOPHOSPHATE DE 0-2,4-DICHLOROPHENYLE ET DE 0,0-DIETHYLE (French) see: TF0350000
THIOPHOSPHATE DE 0,0-DIETHYLE ET DE 0-(3-CHLORO 4-METHYL-7-COUMARINYLE) (French) see: GN6300000
THIOPHOSPHATE DE 0,0-DIETHYLE ET DE 0-(2,5-DICHLORO-4-BROMO) PHENYLE (French) see: TE7000000
THIOPHOSPHATE DE 0,0-DIETHYLE ET DE 0-2-ISOPROPYL-4-METHYL-6-PYRIMIDYLE (French) see: TF3325000
THIOPHOSPHATE DE 0,0-DIETHYLE ET DE 0-(4-METHYL-7-COUMARINYLE) (French) see: GN7525000
THIOPHOSPHATE DE 0,0-DIETHYLE ET DE 0-(4-NITROPHENYLE) (French) see: TF4550000
THIOPHOSPHATE DE 0,0-DIMETHYLE ET DE 0-4-BROMO-2,5-DICHLOROPHENYLE (French) see: TE7175000
THIOPHOSPHATE DE 0,0-DIMETHYLE ET DE 0-3-CHLORO-4-NITROPHENYLE (French) see: TE8050000
THIOPHOSPHATE DE 0,0-DIMETHYLE ET DE 0-4-CHLORO-3-NITROPHENYLE (French) see: TE7875000
THIOPHOSPHATE DE 0,0-DIMETHYLE ET DE S-2-ETHYLFINYLETHYLE (French) see: TG1420000
THIOPHOSPHATE DE 0,0-DIMETHYLE ET DE 0-2-ETHYLTHIO-ETHYLE (French) see: TG1650000
THIOPHOSPHATE DE 0,0-DIMETHYLE ET DE S-2-ETHYLTHIO-ETHYLE (French) see: TG1750000
THIOPHOSPHATE DE 0,0-DIMETHYLE ET DE S-2-(ISOPROPYLSULFINYL)-ETHYLE (French) see: TG1575000
THIOPHOSPHATE DE 0,0-DIMETHYLE ET DE S-((5-METHOXY-4-PYRONYL)-METHYLE) (French) see: TF8225000
THIOPHOSPHATE DE 0,0-DIMETHYLE ET DE S-(N-METHYLCARBAMOYL) METHYLE (French) see: TF8050000
THIOPHOSPHATE DE 0,0-DIMETHYLE ET DE 0-(3-METHYL-4-METHYLTHIOPHENYLE) (French) see: TF9625000
THIOPHOSPHATE DE 0,0-DIMETHYLE ET DE 0-(3-METHYL-4-NITROPHENYLE) (French) see: TG0350000
THIOPHOSPHATE DE 0,0-DIMETHYLE ET DE 0-(4-NITROPHENYLE) (French) see: TG0175000
THIOPHOSPHATE DE 0,0-DIMETHYLE ET DE 0-(2,4,5-TRICHLOROPHENYLE) (French) see: TG0525000
THIOPHOSPHATE ION see: TE6440000
THIOPHOSPHORAMIDE, N,N',N'-TRIETHYLENE- see: SZ2975000
THIOPHOSPHORIC ANHYDRIDE see: TH4375000
THIOPHOSPHORIC TRICHLORIDE see: XN2930000
THIOPHOSPHORSAEURE-0,S-DIMETHYLESTERAMID (German) see: TB4970000
THIOPHOSPHORYL BROMIDE FLUORIDE (8CI,9CI) see: XN2980000

XN2930000 THIOPHOSPHORYL CHLORIDE
UPDT:8308 CAS: 3982-91-0 MW: 169.38 MOLFM: Cl3-P-S
SYN: PHOSPHOROTHIOIC TRICHLORIDE * PHOSPHOROTHIONIC TRICHLORIDE * PHOSPHOROUS SULFOCHLORIDE * PHOSPHOROUS THIOCHLORIDE * PHOSPHOROUS TRICHLORIDE SULFIDE * THIOPHOSPHORIC TRICHLORIDE * THIOPHOSPHORYL CHLORIDE (DOT) * THIOPHOSPHORYL TRICHLORIDE * TRICHLOROPHOSPHINE SULFIDE * TL 262 * UN 1837 (DOT)
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:3000 mg/m3/10M — NDRC** NDCrc-132,June,42
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AQMOAC #73-19,1973
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON — CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

THIOPHOSPHORYL CHLORIDE (DOT) see: XN2930000
THIOPHOSPHORYL CHLORODIFLUORIDE see: XN2990000

XN2980000 THIOPHOSPHORYL DIBROMIDEMONOFLUORIDE
UPDT:8105 CAS: 13706-10-0 MW: 241.85 MOLFM: Br2-F-P-S
SYN: DIBROMOFLUOROPHOSPHINE SULFIDE * THIOPHOSPHORYL BROMIDE FLUORIDE (8CI,9CI) * THIOPHOSPHORYL FLUORODIBROMIDE * TL 331
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:3100 mg/m3/10M — NDRC** NDCrc-132,Sept,42
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 — NTIS**

XN2985000 THIOPHOSPHORYL DIFLUORIDEMONOBROMIDE
UPDT:8105 CAS: 13706-09-7 MW: 180.94 MOLFM: Br-F2-P-S
SYN: BROMODIFLUOROPHOSPHINE SULFIDE * PHOSPHINE SULFIDE, MONOBROMODIFLUORO- * THIOPHOSPHORYL MONOBROMODIFLUORIDE * TL 263
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:3000 mg/m3/10M — NDRC** NDCrc-132,June,42
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 — NTIS**

XN2990000 THIOPHOSPHORYL DIFLUORIDE MONOCHLORIDE
UPDT:8105 CAS: 2524-02-9 MW: 136.48 MOLFM: Cl-F2-P-S
SYN: PHOSPHINE SULFIDE, MONOCHLORODIFLUORO- * THIOPHOSPHORYL CHLORODIFLUORIDE * THIOPHOSPHORYL DIFLUOROCHLORIDE * THIOPHOSPHORYL MONOCHLORODIFLUORIDE * TL 152
TOXICITY DATA AND REFERENCES:
ihl-mus LCLo:2250 mg/m3/10M — NDRC** NDCrc-132,May,42
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 — DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 — FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 — NTIS**

THIOPHOSPHORYL DIFLUOROCHLORIDE see: XN2990000
THIOPHOSPHORYL FLUORODIBROMIDE see: XN2980000
THIOPHOSPHORYL MONOBROMODIFLUORIDE see: XN2985000
THIOPHOSPHORYL MONOCHLORODIFLUORIDE see: XN2990000
THIOPHOSPHORYL TRICHLORIDE see: XN2930000
THIOPHYLLINE CHOLINATE see: GA7420000
THIOPHYLLINE, compd. with CHOLINE see: GA7420000
6-THIO-8-(3'-PIPERIDINOMETHYL)THIOTHEOPHYLLINE see: XH6487800
THIOPIPERIDONE-2 (French) see: TN4224000
THIOPROLINE see: XJ5425000
2-THIOPROPANE see: PV5075000
THIOPROPAZATE see: TL7300000
THIOPROPAZATE DIHYDROCHLORIDE see: TL7350000
THIOPROPAZATE HYDROCHLORIDE see: TL7350000
THIO-2-PROPENE-1-SULFINIC ACID S-ALLYL ESTER see: UD1900000
THIOPROPERAZIN see: SP5400000
THIOPROPERAZINE see: SP5400000
(THIOPROPERAZINE)-2-DIMETHYLSULFAMIDO-(10-(3-1-METHYLPIPERAZINYL-4)PROPYL)-PHENOTHIAZINE see: SP5400000
2-THIO-6-PROPYL-1,3-PYRIMIDIN-4-ONE see: YR1400000
6-THIO-4-PROPYLURACIL see: YR1400000
beta-THIOPSEUDOUREA see: YU2800000
THIOPYRANO(4,3-b)BENZ(e)INDOLE, 6,11-DIHYDRO-2-FLUORO- see: DL9920000
THIOPYRANO(4,3-b)BENZ(e)INDOLE, 6,11-DIHYDRO-4-FLUORO- see: DL9940000
THIOPYRANO(4,3-b)BENZ(e)INDOLE, 2-FLUORO- see: DL9960000
THIOPYRANO(4,3-b)BENZ(e)INDOLE, 4-FLUORO- see: DM0015000

XN3876900 2H-THIOPYRANO(4,3,2-cd)INDOLE-2-CARBOXYLIC ACID, 3,5-DIHYDRO-3-METHYL-, cis-(-)-
UPDT:8309 CAS: 63339-68-4 MW: 233.30 MOLFM: C12-H11-N-O2-S
SYN: CHUANGHSINMYCIN * CHUANGXINMYCIN * cis-(-)-3,5-DIHYDRO-3-METHYL-2H-THIOPYRANO(4,3,2-cd)INDOLE-2-CARBOXYLIC ACID
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1770 mg/kg — 85GDA2 5,133,81
* ipr-mus LD50:875 mg/kg — 85GDA2 5,133,81
* ivn-mus LD50:600 mg/kg — 85GDA2 5,133,81

XN3882000 THIOPYRANO(4,3-c)PYRAZOLE, 2,3,3a,4,6,7-HEXAHYDRO-7-BENZYLIDENE-2-PROPYL-3-(p-TOLYL)-, 5,5- DIOXIDE
UPDT:8303 MW: 393.56 MOLFM: C23-H25-N2-O2-S
TOXICITY DATA AND REFERENCES:
1S18 ipr-mus LD50:3400 mg/kg — JMCMAR 25,1482,82

XN3883000 THIOPYRANO(4,3-c)PYRAZOLE, 2,3,3a,4,6,7-HEXAHYDRO-7-(p-METHOXYBENZYLIDENE)-3-(p- METHOXYPHENYL)-2-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-, 5,5-DIOXIDE, MALEATE
UPDT:8303 MW: 653.84 MOLFM: C29-H37-N4-O4-S C4-H4-O4
TOXICITY DATA AND REFERENCES:
1S18 ipr-mus LD50:280 mg/kg — JMCMAR 25,1482,82

XN3885000 THIOPYRANO(4,3-c)PYRAZOLE, 2,3,3a,4,6,7-HEXAHYDRO-7-(o-METHYLBENZYLIDENE)-2-(3-(4-METHYL-1- PIPERAZINYL)PROPYL)-3-(o-TOLYL)-, 5,5-DIOXIDE, MALEATE
UPDT:8303 MW: 621.84 MOLFM: C29-H37-N4-O2-S C4-H4-O4
TOXICITY DATA AND REFERENCES:
1S18 ipr-mus LD50:130 mg/kg — JMCMAR 25,1482,82

XN3886000 THIOPYRANO(4,3-c)PYRAZOLE, 2,3,3a,4,6,7-HEXAHYDRO-7-(o-METHYLBENZYLIDENE)-2-(3-(4-METHYL-1- PIPERAZINYL)PROPYL)-3-(p-TOLYL)-, MALEATE
UPDT:8303 MW: 589.84 MOLFM: C29-H37-N4-S C4-H4-O4
TOXICITY DATA AND REFERENCES:
1S18 ipr-mus LD50:170 mg/kg — JMCMAR 25,1482,82

THIO-2-PYRIDINEACETAMIDE see: UR8520000
THIOPYRIDONE-2 (French) see: UT9600000
4-THIOPYRIDONE see: UT9610000
2-THIO-1,3-PYRIMIDIN-4-ONE see: YR1575000
THIOPYRONIN see: XO1653000

XN4375000 THIOPYROPHOSPHORIC ACID, TETRAETHYL ESTER
UPDT:8406 CAS: 3689-24-5 MW: 322.34 MOLFM: C8-H20-O5-P2-S2
SYN: ASP 47 * BAY-E-393 * BAYER-E 393 * BIS-O,O-DIETHYLPHOSPHOROTHIONIC ANHYDRIDE * BLADAFUM * BLADAFUME * BLADAFUN * DITHIO * DITHIODIPHOSPHORIC ACID, TETRAETHYL ESTER * DITHIOFOS * DITHION * DITHIONE * DITHIOPHOS * DI(THIOPHOSPHORIC) ACID, TETRAETHYL ESTER * DITHIOPYROPHOSPHATE DE TETRAETHYLE (French) * DITHIOTEP * E393 * ENT 16,273 * ETHYL THIOPYROPHOSPHATE * LETHALAIRE G-57 * PIROFOS * PLANT DITHIO AEROSOL * PLANTFUME 103 SMOKE GENERATOR * PYROPHOSPHORODITHIOIC ACID TETRAETHYL ESTER * PYROPHOSPHORODITHIOIC ACID, O,O,O,O-TETRAETHYL ESTER * RCRA WASTE NUMBER P109 * SULFATEP * SULFOTEP * SULFOTEPP * TEDP * TEDTP * O,O,O,O-TETRAETHYL-DITHIO-DIFOSFAAT (Dutch) * TETRAETHYL DITHIONOPYROPHOSPHATE * TETRAETHYL DITHIOPYROPHOSPHATE * O,O,O,O-TETRAETHYL DITHIOPYROPHOSPHATE * TETRAETHYL DITHIO PYROPHOSPHATE, LIQUID (DOT) * O,O,O,O-TETRAETIL-DITIO-PIROFOSFATO (Italian) * THIODIPHOSPHORIC ACID TETRAETHYL ESTER * THIOTEPP * UN 1704 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5 mg/kg — ARSIM* 20,24,66
1E08 ihl-rat LC50:38 mg/m3/4H — ARTODN 33,1,74
1E08 skn-rat LD50:65 mg/kg — ARTODN 33,1,74
1E08 ipr-rat LD50:6600 ug/kg — ARTODN 33,1,74
ims-rat LD50:55 ug/kg — CJCHAG 34,1819,56
1E08 orl-mus LD50:22 mg/kg — ARTODN 33,1,74
1E08 ihl-mus LC50:40 mg/m3/4H — ARTODN 33,1,74
ipr-mus LD50:940 ug/kg — CJCHAG 34,1819,56
scu-mus LD50:8 mg/kg — PAREAQ 11,636,59
ivn-mus LD50:300 ug/kg — CJCHAG 34,1819,56
ims-mus LD50:500 ug/kg — CJCHAG 34,1819,56
1E08 orl-dog LD50:5 mg/kg — ARTODN 33,1,74
1E08 orl-cat LD50:3 mg/kg — ARTODN 33,1,74
1E08 orl-rbt LD50:25 mg/kg — ARTODN 33,1,74
skn-rbt LD50:20 mg/kg — WRPCA2 9,119,70
1E08 orl-ckn LD50:24 mg/kg — ARTODN 33,1,74
1E08 ipr-ckn LD50:24 mg/kg — ARTODN 33,1,74
orl-bwd LD50:100 mg/kg — TXAPA9 21,315,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: RREVAH 46,1,73
★ TLV-TWA 200 ug/m3; STEL 600 ug/m3 (skin) — DTLVS* 4,386,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug/m3 (skin) (SCP-U) — FEREAC 39,23540,74
★ DOT-HAZARD:POISON B; LABEL:POISON, liquid — CFRGBR 49,172.101,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XN4377000 THIOPYROPHOSPHORIC ACID, TETRAETHYL ESTER, mixt. with compressed gas
UPDT:8308
SYN: UN 1703 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON A; LABEL:POISON GAS — CFRGBR 49,172.101,82

XN4550000 THIOPYROPHOSPHORIC ACID, TETRAPROPYL ESTER
UPDT:8309 CAS: 3244-90-4 MW: 378.46 MOLFM: C12-H28-O5-P2-S2
SYN: A 42 * ASP 51 * ASPON * BIS-O,O-DI-n-PROPYLPHOSPHOROTHIONIC ANHYDRIDE * E 8573 * ENT 16,894 * NPD * PROPYL THIOPYROPHOSPHATE * STAUFFER ASP-51 * TETRA-n-PROPYL DITHIONOPYROPHOSPHATE * O,O,O,O-TETRAPROPYL DITHIOPYROPHOSPHATE * TETRA-n-PROPYL DITHIOPYROPHOSPHATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:450 mg/kg — WRPCA2 9,119,70
skn-rat LD50:1800 mg/kg — TXAPA9 2,88,60
3Y01F12F*3 ipr-rat LD50:1100 mg/kg — AMIHBC 8,350,53
unk-rat LD50:100 mg/kg — 30ZDA9 -,379,71
orl-ckn LD50:436 mg/kg — TXAPA9 6,147,64
ipr-mus LD50:8 mg/kg — CJCHAG 34,1819,56
ivn-mus LD50:3250 ug/kg — CJCHAG 34,1819,56
ims-mus LD50:4410 ug/kg — CJCHAG 34,1819,56

skn-rbt LD50:3830 mg/kg 31ZOAD 1,42,68
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

THIO-2-QUINOLINEACETAMIDE see: VA9295000
THIOQUINOX see: FG2700000
THIORIDAZIN see: SP2100000
THIORIDAZINE see: SP2100000
THIORIDAZINE and STELAZINE see: SP2200000
THIORIDAZINE and TRIFLUOPERAZINE see: SP2200000
THIORYL see: YR0875000
THIOSALICYLIC ACID see: DH3325000
THIOSAN see: JO1400000
THIOSAN see: JO1225000
THIOSCABIN see: JO1225000
THIOSEMICARBAZIDE see: VT4200000
THIOSEMICARBARZONE see: AE3850000
THIOSEMICARBAZONE (pharmaceutical) see: AE3850000
THIOSEPTAL see: DA9625000
THIOSERINE see: HA1600000
THIOSINAMIN see: YR8050000
THIOSINAMINE see: YR8050000
THIOSTOP N see: FD3500000
THIOSULFAN see: RB9275000
THIOSULFAN TIONEL see: RB9275000
THIOSULFIL-A FORTE see: US7875000

XN6465000 THIOSULFURIC ACID, DIAMMONIUM SALT
CAS: 7783-18-8 MW: 74.10 MOLFM: H3-N .1/2H2-O3-S2
SYN: AMMONIUM HYPOSULFITE * AMMONIUM THIOSULFATE * AMMONIUM THIOSULFATE (DOT) * DIAMMONIUM THIOSULFATE * NA 9093 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2890 mg/kg GTPZAB 26(6),54,82
orl-gpg LD50:1098 mg/kg GTPZAB 26(6),54,82
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

THIOSULFURIC ACID, S-2-(2-METHYLPIPERIDINO)ETHYL ESTER see: TM8040000
THIOSULFURIC ACID, S-2-(4-METHYLPIPERIDINO)ETHYL ESTER see: TN4222800
THIOSULFURIC ACID, S-2-((2-MORPHOLINOETHYL)AMINO)ETHYL ESTER see: KJ2480700
THIOSULFURIC ACID, S-2-MORPHOLINOETHYL ESTER see: QE3480000
THIOSULFURIC ACID, S-2-PIPERIDINOETHYL ESTER see: TM8030000
THIOSULFURIC ACID, S-2-(1-PYRROLIDINYL)ETHYL ESTER see: UY1164000
THIOSULFUROUS DICHLORIDE see: WS4300000
THIOTEBESIN see: AE3850000
THIOTEBEZIN see: AE3850000
THIOTEBICINA see: AE3850000
THIO-TEP see: SZ2975000
THIO-TEPA see: SZ2975000
THIOTEPP see: XN4375000

XN7525000 THIOTEREPHTHALIC ACID, TETRACHLORO-, O,S-DIMETHYL ESTER
UPDT:8309 CAS: 3765-57-9 MW: 348.02 MOLFM: C10-H6-Cl4-O3-S
SYN: O,S-DIMETHYLTETRACHLOROTHIOTEREPHTALATE * GLENBAR * OCS-21,944 * TEREPHTHALIC ACID, TETRACHLOROTHIO-, o,S-DIMETHYL ESTER (8CI)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3300 mg/kg 28ZEAL 4,195,69

THIOTETROLE see: XM7350000
THIOTEX see: JO1400000
THIOTHAL see: CQ6300000
THIOTHAL SODIUM see: CQ6475000
cis-THIOTHIXENE see: XO1420000
THIOTHYMIN see: YR0875000
THIOTHYRON see: YR0875000
6-THIOTIC ACID see: JP1190000
6,8-THIOTIC ACID see: JP1190000
3-THIOTOLENE see: XM9800000
THIOTOX see: JO1400000
THIOTRIETHYLENEPHOSPHORAMIDE see: SZ2975000
2-THIO-4,4,6-TRIMETHYL DIHYDROPYRIMIDINE see: UW4900000
THIOURACIL see: YR1575000
2-THIOURACIL see: YR1575000
6-THIOURACIL see: YR1575000
THIOUREA see: YU2800000
2-THIOUREA see: YU2800000
THIOUREA, N'-(2-CHLOROPHENYL)-N,N-BIS(TRIMETHYLSILYL) see: YS2789100
THIOUREA, N'-CYCLOHEXYL-N,N-BIS(TRIMETHYLSILYL)- see: YS2789200
THIOUREA, N,N'-DIETHYL- see: YS9800000
THIOUREA, sym-DIPHENYL- see: FE1225000
THIOUREA, N,N'-DIPHENYL- (9CI) see: FE1225000
THIOUREA (DOT) see: YU2800000
THIOUREA, N-(2-ETHYL-1H-BENZIMIDAZOL-5-YL)-N'-(4-METHYLPHENYL)- see: XN9451300
THIOUREA, N-(2-ETHYL-1H-BENZIMIDAZOL-5-YL)-N'-p-TOLYL-

XN9451300 THIOUREA, N-(2-ETHYL-1H-BENZIMIDAZOL-5-YL)-N'-p-TOLYL-
UPDT:8408 CAS: 38423-16-4 MW: 310.45 MOLFM: C17-H18-N4-S
SYN: N-(2-ETHYL-1H-BENZIMIDAZOL-5-YL)-N'-p-TOLYLTHIOUREA * P(sub 4) * THIOUREA, N-(2-ETHYL-1H-BENZIMIDAZOL-5-YL)-N'-(4-METHYLPHENYL)- * 1-p-TOLYL-3-(2-ETHYLBENZIMINAZOL-5-YL)THIOUREA * UREA, 1-(2-ETHYL-1H-BENZIMIDAZOL-5-YL)-2-THIO-3-p-TOLYL-
TOXICITY DATA AND REFERENCES:
3F05F18F19 ipr-mus LD50:497 mg/kg IJEBA6 11,243,73

THIOUREA, N'-ETHYL-N,N-BIS(TRIMETHYLSILYL)- see: YS2789400
THIOUREA, N'-(3-FLUOROPHENYL)-N,N-BIS(TRIMETHYLSILYL)- see: YS2789500
THIOUREA, N'-(4-FLUOROPHENYL)-N,N-BIS(TRIMETHYLSILYL)- see: YS2789510
THIOUREA, N-(HYDROXYMETHYL)-N'-METHYL- see: YT4980000
THIOUREA, N-(2-HYDROXY-5-NITROPHENYL)-N'-PHENYL- see: FE1070000
THIOUREA, N-(3-HYDROXYPHENYL)-N'-PHENYL- (9CI) see: FE1100000
THIOUREA, N-(4-HYDROXYPHENYL)-N'-PHENYL- see: FE1120000
THIOUREA, N'-(3-METHOXYPHENYL)-N,N-BIS(TRIMETHYLSILYL)- see: YS2789700
THIOUREA, N'-(3-METHYLPHENYL)-N,N-BIS(TRIMETHYLSILYL)- see: YS2790000
THIOUREA, 1-NAPHTHALENYL- see: YT9275000
2-((2-THIOUREIDO)AMINO)CINCHONINIC ACID see: GD4250000
THIOVANIC ACID see: AI5950000
THIOVIT see: WS4250000
THIOXAMYL see: RP2300000
p-THIOXANE see: RP4200000

XO0556000 THIOXANTHENE-4-CARBOXYLIC ACID, 1-((2-(DIETHYLAMINO)ETHYL)AMINO)-9-OXO-
UPDT:8309 CAS: 16140-23-1 MW: 370.50 MOLFM: C20-H22-N2-O3-S
SYN: 1-((2-(DIETHYLAMINO)ETHYL)AMINO)-9-OXOTHIOXANTHENE-4-CARBOXYLIC ACID * HYCANTHONE ACID * HYCANTHONE-4-CARBOXYLIC ACID * 9H-THIOXANTHENE-4-CARBOXYLIC ACID, 1-((2-(DIETHYLAMINO)ETHYL)AMINO)-9-OXO- (9CI) * WIN 25,850
MUTATION DATA AND REFERENCES:
otr-rat:emb 10 mg/L JTEHD6 1,323,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

9H-THIOXANTHENE-4-CARBOXYLIC ACID, 1-((2-(DIETHYLAMINO)ETHYL)AMINO)-9-OXO- (9CI) see: XO0556000

XO0605000 THIOXANTHENE, 2-CHLORO-9-(3-(DIMETHYLAMINO)PROPYLIDENE-, HYDROCHLORIDE, (E)-
UPDT:8408 CAS: 2461-06-5 MW: 352.34 MOLFM: C18-H18-Cl-N-S .Cl-H
SYN: trans-2-CHLORO-9-(3-(DIMETHYLAMINO)PROPYLIDENE)THIOXANTHENE, HYDROCHLORIDE * trans-CHLORPROTHIXENE HYDROCHLORIDE * trans-N714
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:217 mg/kg APTOA6 15,335,59
* ipr-mus LD50:114 mg/kg APTOA6 15,335,59
1F04 ivn-mus LD50:35 mg/kg APTOA6 19,87,62

1,1'-(9H-THIOXANTHENE-2,7-DIYL)BIS(4-(DIETHYLAMINO))-1-BUTANONE DIHYDROCHLORIDE see: EM0400000
1,1'-(9H-THIOXANTHENE-2,7-DIYL)BIS(5-(DIETHYLAMINO)-1-PENTANONE) DIHYDROCHLORIDE see: SB0100000

XO0740000 THIOXANTHENE, 9-(3-(4-(2-HYDROXYETHYL)PIPERAZINYL)PROPYLIDENE)-2-TRIFLUOROMETHYL-, DIHYDROCHLORIDE
UPDT:8309 CAS: 2413-38-9 MW: 507.48 MOLFM: C23-H25-F3-N2-O-S .2Cl-H
SYN: FLUPENTIXOL DIHYDROCHLORIDE * FLUPENTIXOL HYDROCHLORIDE * FX 703 * N 7009 * 1-PIPERAZINEETHANOL, 4-(3-(2-TRIFLUOROMETHYLTHIOXANTH-9-YLIDENE)PROPYL)-, DIHYDROCHLORIDE * 4-(3-(2-(TRIFLUOROMETHYL)THIOXANTHEN-9-YLIDENE)PROPYL)-1-PIPERAZINEETHANOL DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:791 mg/kg NIIRDN 6,704,82
* scu-rat LD50:258 mg/kg IYKEDH 4,90,73
* ivn-rat LD50:37 mg/kg IYKEDH 4,90,73
* orl-mus LD50:423 mg/kg IYKEDH 4,90,73
* scu-mus LD50:425 mg/kg IYKEDH 4,90,73
1F04 ivn-mus LD50:94 mg/kg APTOA6 19,87,62

XO1050000 THIOXANTHENE-delta(sup 9), gamma-PROPYLAMINE, 2-CHLORO-N,N-DIMETHYL-
UPDT:8407 CAS: 113-59-7 MW: 315.88 MOLFM: C18-H18-Cl-N-S
SYN: (alpha-2-CHLORO-9-omega-DIMETHYLAMINO-PROPYLAMINE)THIOXANTHENE * 2-CHLORO-9-(omega-DI-METHYLAMINOPROPYLIDENE)THIOXANTHENE * 2-CHLORO-9-(3-(DIMETHYLAMINO)PROPYLIDENE)-THIOXANTHENE * 2-CHLORO-N,N-DIMETHYLTHIOXANTHENE-delta(sup 9), gamma-PROPYLAMINE * CHLOROPROTHIXENE * CHLORPROTHIXEN * CHLORPROTHIXENE * alpha-CHLORPROTHIXENE * cis-CHLORPROTHIXENE * CHLORPROTIXEN * CHLORPROTIXENE * CHLORPROTIXINE * CHLOTHIXEN * CPT * CPX * IARACTAN * MK 184 * N 714 * N 714C * PAXYL * 1-PROPANAMINE, 3-(2-CHLORO-9H-THIOXANTHEN-9-YLIDENE)-N,N-DIMETHYL-, (Z)- * RENTOVET * RO 4-0403 * TACTARAN * TARACTAN * TARASAN * TRANQUILAN * TRAQUILAN * TRICTAL * TRUXAL * TRUXALETTEN * TRUXIL * VETACALM
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T04 orl-man TDLo:360 mg/kg (15W male) AJPSAO 120,1004,64
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:200 mg/kg NIIRDN 6,252,82
* orl-mus LD50:370 mg/kg ARZNAD 15,841,65
1E15 ipr-mus LD50:88 mg/kg AIPTAK 155,69,65
ivn-mus LD50:75 mg/kg APTOA6 41,369,77
orl-rbt LD50:182 mg/kg 29ZVAB -,33,69
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IDPYAK 1,203,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XO1420000 THIOXANTHENE-2-SULFONAMIDE, N,N-DIMETHYL-9-(3-(4-METHYL-1-PIPERAZINYL)PROPYLIDENE)-, (Z)-
UPDT:8403 CAS: 3313-26-6 MW: 443.67 MOLFM: C23-H29-N3-O2-S2
SYN: cis-N,N-DIMETHYL-9-(3-(4-METHYL-1-PIPERAZINYL)PROPYLIDENE)THIOXANTHENE-2-SULFONAMIDE * NSC-108165 * cis-THIOTHIXENE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:100 mg/kg JMCMAR 13,17,70

XO1590000 9H-THIOXANTHEN-9-ONE, 1-((2-(DIETHYLAMINO)ETHYL)AMINO)-4-(HYDROXYMETHYL)-
UPDT:8408 CAS: 3105-97-3 MW: 356.52 MOLFM: C20-H24-N2-O2-S
SYN: 1-((2-(DIETHYLAMINO)ETHYL)AMINO)-4-(HYDROXYMETHYL)THIOXANTHEN-9-ONE * 1-((2-(DIETHYLAMINO)ETHYL)AMINO)-4-(HYDROXYMETHYL)-9H-THIOXANTHEN-9-ONE * HYCANTHON * HYCANTHONE * LUCANTHONE METABOLITE * NSC-134434 * WIN 24933
MUTATION DATA AND REFERENCES:
mmo-sat 500 ug/L MUREAV 53,289,78
mmo-sat 25 nmol/plate JPETAB 200,1,77
mmo-esc 40 ug/L/5D MUREAV 55,43,78
mmo-omi 200 ug/plate CBINA8 22,297,78
mmo-omi 1 gm/L/4H-C JGMIAN 121,349,80
mmo-omi 2700 umol/L GENTAE 71(Suppl),39,72
dnd-omi 220 umol/L JPETAB 186,385,73
sln-dmg-par 50 mg/kg MUREAV 55,43,78
sln-dmg-unk 3 mg/kg PACHAS 42,209,75
mmo-nsc 3 gm/L/2H MUREAV 55,43,78
mmo-smc 270 umol/L MUREAV 21,52,73
mrc-smc 270 umol/L PACHAS 42,209,75
mmo-asn 250 mg/L MUREAV 97,293,82
dni-hmn:lym 50 mg/L BCPCA6 22,1253,73
oms-hmn:lym 50 mg/L BCPCA6 22,1253,73
dni-hmn:hla 1 mmol/L MUREAV 93,447,82
oms-hmn:lym 5 mg/L BCPCA6 22,1253,73
cyt-hmn:leu 2500 ug/L/72H MUREAV 55,43,78
cyt-hmn:lym 20 mg/L/48H MUREAV 55,43,78
cyt-hmn:oth 5 gm/L CHIMAD 29,8,75
otr-rat:emb 100 ug/L JTEHD6 1,323,75
cyt-rat-ipr 80 mg/kg PACHAS 42,209,75
hma-rat/smc 1 mmol/L/1H MUREAV 31,381,75
mnt-mus-ipr 80 mg/kg/2D MUREAV 55,43,78
mnt-mus-par 80 mg/kg/2D MUREAV 53,164,78
slt mus-par 30 mg/kg ARTODN 38,75,77
slt-mus-unk 50 mg/kg GENTAE 92,S153,79
otr-mus:emb 1 mg/L CNREA8 37,2202,77
dni-mus:ast 20 umol/L BBACAQ 378,260,75
bfa-mus/sat 60 mg/kg CNREA8 38,4478,78
cyt-mus-ipr 40 mg/kg MUREAV 55,43,78
msc-mus:lym 1 mg/L MUREAV 125,291,84
hma-mus/sat 20 mg/kg JPETAB 200,1,77
slt-ham:ovr 1 mg/L MUREAV 136,137,84
cyt-ham:emb 5 mg/L CNREA8 37,2202,77
sce-ham-ipr 50 mg/kg MUREAV 113,33,83
sce-ham-orl 50 mg/kg MUREAV 113,33,83
dns-rbt-ivn 12500 ug/kg ARTODN 46,139,80
cyt-rbt:leu 5 mg/L MUREAV 55,43,78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T59 par-mus TDLo:50 mg/kg (10D preg) EVHPAZ 24,113,78

TUMORIGENIC DATA AND REFERENCES:

3V01L30L60	ims-mus TDLo:180 mg/kg/60D-I	JPETAB 197,703,76

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:980 mg/kg	EJBLAB 1(2),181,74
	scu-rat LD50:286 mg/kg	EJBLAB 1(2),181,74
	ivn-rat LD50:75 mg/kg	EJBLAB 1(2),181,74
	orl-mus LD50:1120 mg/kg	EJBLAB 1(2),181,74
	scu-mus LD50:270 mg/kg	EJBLAB 1(2),181,74
	ivn-mus LD50:70 mg/kg	EJBLAB 1(2),181,74
	ims-mus LD50:253 mg/kg	JPETAB 200,1,77

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: EJBLAB 1(2),181,74

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XO1600000 9H-THIOXANTHEN-9-ONE, 1-((2-(DIETHYLAMINO)ETHYL)AMINO)-4-(HYDROXYMETHYL)-, MONOMETHANE- SULFONATE (salt)

UPDT:8401 CAS: 23255-93-8 MW: 452.63 MOLFM: C20-H24-N2-O2-S C-H4-O3-S

SYN: ETRENOL * HCT * HYCANTHONE MESYLATE * HYCANTHONE METHANESULFONATE * HYCANTHONE METHANESULPHONATE * HYCANTHONE MONOMETHANESULPHONATE

MUTATION DATA AND REFERENCES:

	mmo-sat 10 gm/L	SCIEAS 172,1058,71
	mma-sat 50 ug/plate	PNASA6 72,5135,75
	mmo-esc 500 mg/L	JOBAAY 122,549,75
	dnr-esc 16 ug/well	ENMUDM 3,429,81
	mmo-omi 100 mg/L	JPETAB 186,390,73
	sln-dmg-par 4400 umol/L	MUREAV 82,111,81
	sln-dmg-orl 4400 umol/L	MUREAV 82,111,81
	mmo-nsc 100 umol/L	JTEHD6 1,271,75
	mmo-smc 20 ppm	MUREAV 28,381,75
	mrc-smc 50 mg/L/2H	MUREAV 55,43,78
	oms-hmn:lym 20 mg/L	JTEHD6 1,211,75
	cyt-hmn:leu 1 umol/L	MUREAV 21,287,73
	cyt-hmn:lym 2500 ug/L	JTEHD6 1,211,75
	otr-rat-ipr 30 mg/kg	CNREA8 40,1157,80
	bfa-rat/sat 25 mg/kg	ENMUDM 1,155,79
	cyt-rat-ipr 40 mg/kg	MUREAV 18,239,73
	dlt-rat-ipr 200 mg/kg/5D	JPETAB 187,437,73
	mnt-mus-ipr 80 mg/kg/24H	MUREAV 57,187,78
	mma-mus:lym 5 mg/L/4H	MUREAV 59,61,79
	slt-mus-ipr 30 umol/L	MUREAV 46,202,77
	slt-mus:lym 100 umol/L	MUREAV 21,7,73
	cyt-mus-ipr 100 mg/kg	JTEHD6 1,211,75
	msc-mus:lym 1 mg/L/2H	MUREAV 59,61,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T24T35	ipr-rat TDLo:200 mg/kg (5D male)	JPETAB 187,437,73
3T34T41T42	scu-mus TDLo:10 mg/kg (6D preg)	TJADAB 10,227,74
3T47T49T45	scu-mus TDLo:25 mg/kg (7D preg)	TJADAB 10,227,74
1T46	scu-mus TDLo:25 mg/kg (7D preg)	TJADAB 10,227,74
1T35	scu-mus TDLo:50 mg/kg (7D preg)	JTEHD6 1,309,75
2T26T35	ims-mus TDLo:50 mg/kg (7D preg)	NATUAS 239,107,72
1T25	ims-mus TDLo:150 mg/kg (7-9D preg)	NATUAS 239,107,72
3T41T42T46	ims-mus TDLo:35 mg/kg (7D preg)	NATUAS 239,107,72
1T34	ims-mus TDLo:35 mg/kg (7D preg)	NATUAS 239,107,72
3T49T50T42	ims-rbt TDLo:150 mg/kg (7-9D preg)	TJADAB 10,227,74
1T34	ims-rbt TDLo:150 mg/kg (7-9D preg)	TJADAB 10,227,74
1T35	ims-rbt TDLo:75 mg/kg (7-9D preg)	TJADAB 10,227,74

TUMORIGENIC DATA AND REFERENCES:

3V01J60L60	ipr-mus TDLo:815 mg/kg/33W-I	IJCNAW 23,97,79
3V03J60L60	ims-mus TDLo:350 mg/kg/30W-I	IJCNAW 23,97,79

TOXICITY DATA AND REFERENCES:

3F08F18K13	ims-hmn TDLo:3 mg/kg	PACHAS 42,209,75
	ipr-rat LDLo:100 mg/kg	JPETAB 187,437,73
	scu-mus LD50:363 mg/kg	JPETAB 186,402,73
	ivn-mus LD50:79 mg/kg	JPETAB 186,402,73
	ims-mus LD50:320 mg/kg	JPETAB 186,402,73

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 13,91,77

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XO1603100 9H-THIOXANTHEN-9-ONE, 1-((2-(DIETHYLAMINO)ETHYL)AMINO)-4-HYDROXY-, 10-OXIDE

UPDT:8309 CAS: 37599-14-7 MW: 358.49 MOLFM: C19-H22-N2-O3-S

SYN: 1-((2-(DIETHYLAMINO)ETHYL)AMINO)-4-HYDROXY-9H-THIOXANTHEN-9-ONE 10-OXIDE * HYCANTHONE SULFOXIDE

MUTATION DATA AND REFERENCES:

	otr-rat:emb 5 mg/L	JTEHD6 1,323,75

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

XO1605500 THIOXANTHEN-9-ONE, 1-((2-(DIETHYLAMINO)ETHYL)AMINO)-4-METHYL-

UPDT:8309 CAS: 479-50-5 MW: 340.52 MOLFM: C20-H24-N2-O-S

SYN: 1-(2'-DIETHYLAMINO)ETHYLAMINO-4-METHYLTHIOXANTHENONE * LUCANTHON * LUCANTHONE * MIRACIL D * NILODIN * 9H-THIOXANTHEN-9-ONE, 1-((2-(DIETHYLAMINO)ETHYL)AMINO)-4-METHYL- (9CI)

MUTATION DATA AND REFERENCES:

	mmo-sat 500 nmol/plate	SCIEAS 186,647,74
	mma-sat 50 ug/plate	TXAPA9 52,237,80
	mmo-omi 30 mg/L	JPETAB 186,390,73
	dnd-omi 220 umol/L	JPETAB 186,385,73
	mmo-nsc 20 umol/L	JTEHD6 1,271,75
	dnd-hmn:hla 3 mg/L/15M	ECREAL 103,175,76
	dni-hmn:hla 3 mg/L	CNREA8 37,2177,77
	oms-hmn:hla 3 mg/L	CNREA8 37,2177,77
	cyt-hmn:lym 4 mg/L/24H	MUREAV 55,43,78
	cyt-hmn:leu 340 ug/L/24H	MUREAV 55,43,78
	cyt-hmn:oth 10 umol/L	ACIEAY 10,302,71
	otr-rat:emb 1 mg/L	JTEHD6 1,323,75
	dni-ham:ovr 5 mg/L	JCLBA3 59,190a,73
	dnd-mam:lym 6 umol/L	PMSBA4 2,232,71

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:56 mg/kg	CSLNX* NX#01110

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

9H-THIOXANTHEN-9-ONE, 1-((2-(DIETHYLAMINO)ETHYL)AMINO)-4-METHYL- (9CI) see: XO1605500

XO1605800 THIOXANTHEN-9-ONE, 1-(2-(DIETHYLAMINOETHYL)AMINO)-4-METHYL-, MONOHYDROCHLORIDE

UPDT:8312 CAS: 548-57-2 MW: 376.98 MOLFM: C20-H24-N2-O-S Cl-H

SYN: B.W. 57-233 * 1-DIAETHYLAMINO-AETHYLAMINO-4-METHYL-THIOXANTHONHYDROCHLORID (German) * 1-(2-DIETHYLAMINOETHYLAMINO)-4-METHYLTHIAXANTHONE HYDROCHLORIDE * 1-((2-DIETHYLAMINOETHYL)AMINO)-4-METHYLTHIOXANTHEN-9-ONE HYDROCHLORIDE * LUCANTHONE HYDROCHLORIDE * LUCANTHONE MONOHYDROCHLORIDE * MIRACIL D * MIRACOL * MS 752 * NILODIN * 3735 R.P. * SCAPUREN * SCHISTOSOMICIDE * 79T61 * TIXANTONE

MUTATION DATA AND REFERENCES:

	mmo-sat 100 umol/L	AMACCQ 9,77,76
	mma-sat 28 nmol/L/30M	MUREAV 55,43,78
	mmo-nsc 75 mg/L/2H	MUREAV 55,43,78
	dnd-esc 10 umol/L	MUREAV 89,95,81
	sln-dmg-orl 2200 umol/L	MUREAV 82,111,81
	sln-dmg-par 2600 umol/L	MUREAV 82,111,81
	cyt-hmn:oth 10 umol/L	ACIEAY 10,302,71
	cyt-hmn:leu 5 umol/L	ZENBAX 258,115,70
	msc-mus:lym 1 mg/L/2H	MUREAV 59,61,79

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:500 mg/kg	85ESA3 9,726,76

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

XO1605950 THIOXANTHEN-9-ONE, 1-((2-(DIETHYLAMINO)ETHYL)AMINO)-4-METHYL-, compd. with SODIUM NITRITE (1:3)

UPDT:8307 MW: 547.52 MOLFM: C20-H24-N2-O-S .3N-Na-O2

SYN: LUCANTHONE mixed with SODIUM NITRITE (1:3) * SODIUM NITRITE mixed with LUCANTHONE (3:1)

MUTATION DATA AND REFERENCES:

	mmo-sat 100 uL/plate	TXAPA9 52,237,80
	mma-sat 100 uL/plate	TXAPA9 52,237,80

XO1605970 THIOXANTHEN-9-ONE, 1-((2-(ETHYLAMINO)ETHYL)AMINO)-4-(HYDROXYMETHYL)-

UPDT:8309 CAS: 13479-19-1 MW: 328.46 MOLFM: C18-H20-N2-O2-S

SYN: DEETHYL HYCANTHONE * DESETHYLHYCANTHONE * 1-((2-(ETHYLAMINO)ETHYL)AMINO)-4-(HYDROXYMETHYL)THIOXANTHEN-9-ONE * 9H-THIOXANTHEN-9-ONE, 1-((2-(ETHYLAMINO)ETHYL)AMINO)-4-(HYDROXYMETHYL)- (9CI) * WIN 27,262

MUTATION DATA AND REFERENCES:

	otr-rat:emb 500 ug/L	JTEHD6 1,323,75

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

9H-THIOXANTHEN-9-ONE, 1-((2-(ETHYLAMINO)ETHYL)AMINO)-4-(HYDROXYMETHYL)- (9CI) see: XO1605970

XO1617000 3H-THIOXANTHEN-3-ONE, 6-HYDROXY-9-(2-SULFOPHENYL)-2,4,5,7-TETRABROMO-, DISODIUM SALT

UPDT:8401 CAS: 42522-72-5 MW: 727.93 MOLFM: C19-H6-Br4-O6-S .2Na

SYN: 2,4,5,7-TETRABROMO-9-(2-SULFOPHENYL)-6-HYDROXY-3-ISOXANTHENONE

MUTATION DATA AND REFERENCES:

	mmo-sat 100 ug/plate	MUREAV 56,249,78
	mma-sat 100 ug/plate	MUREAV 56,249,78

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

XO1653000 THIOXANTHYLIUM, 3,6-BIS(DIMETHYLAMINO)-

UPDT:8403 CAS: 2412-14-8 MW: 283.44 MOLFM: C17-H19-N2-S

SYN: AMMONIUM, (6-(DIMETHYLAMINO)-3H-THIOXANTHEN-3-YLIDENE)DIMETHYL-, CHLORIDE (8CI) * 3,6-BIS(DIMETHYLAMINO)THIOXANTHYLIUM * METHANAMINIUM, N-(6-(DIMETHYLAMINO)-3H-THIOXANTHEN-3-YLIDENE)-N-METHYL-, CHLORIDE (9CI) * THIOPYRONIN

MUTATION DATA AND REFERENCES:

	mmo-sat 200 nmol/plate	MUREAV 91,183,81

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

THIOXIDIL see: TZ1225000
THIOXIDRENE see: AC8680000
20-THIOXOPREGN-4-EN-3-ONE see: TU5570030
2-THIOXO-4-THIAZOLIDINONE see: VI7700000
4-(THIOXO(3,4,5-TRIMETHOXYPHENYL)METHYL)MORPHOLINE see: QF1790000
5-THIOXO-1,2,4-TRIPHENYL-3-PYRAZOLIDINONE see: UQ8800000
THIOZAMIDE see: WP2360000
THIPENTAL SODIUM see: CQ6475000
THIRAM see: JO1400000
THIRAM 75 see: JO1400000
THIRAMAD see: JO1400000
THIRAM B see: JO1400000
THIRAM (DOT) see: JO1400000
THIRAME (French) see: JO1400000
THIRASAN see: JO1400000
THIRERANIDE see: JO1225000
THISTROL see: ES8575000
THISTROL see: ES8750000
THIULIX see: JO1400000
THIURAD see: JO1400000
THIURAGYL see: YR1400000
THIURAM see: JO1400000
THIURAM D see: JO1400000
THIURAM DISULFIDE, TETRAETHYL- see: JO1225000
THIURAM DISULFIDE, TETRAMETHYL- see: JO1400000
THIURAM E see: JO1225000
THIURAMIN see: JO1400000
THIURAM M see: JO1400000
THIURAM MONOSULFIDE, TETRAMETHYL- see: WQ1750000
THIURAM M RUBBER ACCELERATOR see: JO1400000
THIURAMYL see: JO1400000
THIURANIDE see: JO1225000
THIURETIC see: DK9100000
THIURON see: YT0200000
THIURYL see: YR0875000
THIXOKON see: DG0888000
THIZONE see: AE3850000
THLARETIC see: DK9100000
TH 103-M see: FG1050000
TH 113-M see: EK7750000
THOMAPYRIN see: DG0935000
THOMAS BALSAM see: CP2355000
THOMBRAN see: YM1431000
THOMIZINE see: UW7860000
THOMPSON-HAYWARD TH6040 see: YS6200000
THOMPSON-HAYWARD T-H103-M see: FG1050000
THOMPSON-HAYWARD T-H 113-M see: EK7750000
THONZYLAMINE see: UV8575000
THONZYLAMINE HYDROCHLORIDE see: UV8750000
THONZYLAMINIUM CHLORIDE see: UV8750000
THOMPSON'S WOOD FIX see: SM6300000
THORAZINE see: SN8925000
THORAZINE see: SO1750000
THORAZINE HYDROCHLORIDE see: SO1750000
THORIA see: XO6950000

XO6400000 THORIUM

UPDT:8308 CAS: 7440-29-1 MW: 232.00 MOLFM: Th

SYN: NA 9170 (DOT) * THORIUM-232 * THORIUM METAL, PYROPHORIC (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:RADIOACTIVE MATERIAL; LABEL:RADIOACTIVE AND CORROSIVE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
THORIUM-232 see: XO6400000
THORIUM DIOXIDE see: XO6950000
THORIUM METAL, PYROPHORIC (DOT) see: XO6400000
THORIUM NITRATE see: XO6825000
THORIUM(4 +) NITRATE see: XO6825000
THORIUM NITRATE (DOT) see: XO6825000

XO6825000 THORIUM(IV), NITRATE
UPDT:8308 CAS: 13823-29-5 MW: 484.08 MOLFM: H4-N4-O12 Th
SYN: NA 9171 (DOT) * NITRIC ACID, THORIUM(4 +) SALT (8CI,9CI) * THORIUM NITRATE * THORIUM NITRATE (DOT) * THORIUM(4 +) NITRATE * THORIUM TETRANITRATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	scu-rat TDLo:44170 ug/kg (1D male)	JRPFA4 7,21,64
2T01T02	itt-rat TDLo:44170 ug/kg (1D male)	JRPFA4 7,21,64

TOXICITY DATA AND REFERENCES:

	ivn-rat LD50:48 mg/kg	EQSSDX 1,1,75
	itr-rat LD50:85 mg/kg	XEURAQ AECD-2283
	ivn-mus LD50:45 mg/kg	EQSSDX 1,1,75
*	ivn-dog LDLo:8400 ug/kg	AJPHAP 18,426,07
*	ipr-rbt LDLo:500 mg/kg	AJPHAP 18,426,07
	ivn-rbt LDLo:57 mg/kg	EQSSDX 1,1,75

STANDARDS & REGULATIONS:

★ DOT-HAZARD:RADIOACTIVE MATERIAL; LABEL:RADIOACTIVE AND CORROSIVE	CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XO6950000 THORIUM OXIDE
UPDT:8412 CAS: 1314-20-1 MW: 264.00 MOLFM: O2-Th
SYN: THORIA * THORIUM DIOXIDE * THOROTRAST * THORTRAST * UMBRATHOR

TUMORIGENIC DATA AND REFERENCES:

2V01L60	par-wmn TDLo:1 gm/kg	ANYAA9 145,700,67
2V02L60	unk-hmn TDLo:2880 mg/kg	AJRRAV 83,163,60
2V01V10	iat-hmn TDLo:490 mg/kg	ANYAA9 145,776,67
2V03L60	ivn-rat TDLo:160 mg/kg	ANYAA9 145,738,67
2V03V10	scu-mus TDLo:20 gm/kg	JNCIAM 1,349,40
3V03L60P60	ivn-mus TDLo:10 gm/kg	BJCAAI 10,527,56
3V03P62R60	ims-mus TDLo:400 mg/kg	CNREA8 22,152,62
3V03P60V10	ivn-rbt TDLo:1500 mg/kg	ANYAA9 145,724,67
3V03R60V10	par-gpg TDLo:4 gm/kg/15W-I	AJCAA7 35,363,39
2V01V10	unk-ham TDLo:2 gm/kg	GANNA2 57,431,66
3V03L60P60	ivn-rbt TD :3600 mg/kg	PAMIAD 25,27,62
3V03L60P60	ivn-rbt TD :300 mg(Th)/kg/2Y-I	AICCA6 16,425,60
3V02L61P60	par-hmn TD :700 mg/kg	ANYAA9 145,676,67
3V02L61P60	par-hmn TD :1260 mg/kg	ANYAA9 145,676,67
2V01V10	iat-wmn TD :2 gm/kg	ANYAA9 145,776,67

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
THORIUM TETRANITRATE see: XO6825000
T4 (HORMONE) see: YP2833500
THOROTRAST see: XO6950000
THORTRAST see: XO6950000
THOURANGUNI EXTRACT (Indian) see: LE3450000
THOXIDIL see: TZ1225000
THPA see: GW5775000
THPC see: TA2450000
THPS see: TA2570000
THQ see: MX6700000

XO8210000 Th-R
UPDT:8403 CAS: 79469-19-5

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T34T43T46	ipr-mus TDLo:2 mg/kg (12D preg)	PCBRD2 59C,143,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
THREAMINE see: UA5775000
THREE ELEPHANT see: ED4550000

XO8500000 L-THREITOL-1,4-BISMETHANESULFONATE
UPDT:8312 CAS: 299-75-2 MW: 246.32 MOLFM: C6-H14-O6-S2
SYN: CB 2562 * NSC-39069 * TREITOL, 1,4-DIMETHANESULFONATE, (2S,3S)- (8CI) * TREOSULFAN * TRESULFAN * THREITOL, 1,4-DIMETHANESULFONATE

MUTATION DATA AND REFERENCES:

sln-dmg-unk 160 mmol/L	ANYAA9 160,228 69
sln-dmg-par 160 mmol/L	GENTAE 46,447,61
sce-hmn-unk 28 mg/kg/D	EJCODS 18,979,82
sce-hmn:lym 4500 ug/L	EJCODS 18,979,82

TOXICITY DATA AND REFERENCES:

ivn-dog LDLo:222 mg/kg	CCSUBJ 2,203,65
ivn-mky LDLo:222 mg/kg	CCSURJ 2,203,65

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:HUMAN POSITIVE	IARC** 26,341,81

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
THREITOL, 1,2:3,4-DIANHYDRO- see: EJ8225000

XO8575080 D-THREITOL, 1,2:3,4-DIANHYDRO-
UPDT:8311 CAS: 30419-67-1 MW: 86.10 MOLFM: C4-H6-O2
SYN: 2,2'-BIOXIRANE, (R-(R*,R*))- (9CI) * BUTANE, D-1,2:3,4-DIEPOXY- * D-DIEPOXYBUTANE * 2R:3R-DIEPOXYBUTANE

MUTATION DATA AND REFERENCES:

dnd-omi 5 mmol/L	BBACAQ 228,400,71
mmo-ssp 54 mmol/L	ADWMAX -,193,62

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
THREITOL, 1,4-DIMETHANESULFONATE see: XO8500000

XO8576500 THREITOL, 1,4-DITHIO-, DL-
UPDT:8310 CAS: 27565-41-9 MW: 154.26 MOLFM: C4-H10-O2-S2
SYN: 2,3-BUTANEDIOL, 1,4-DIMERCAPTO-, DL-threo- * 2,3-BUTANEDIOL, 1,4-DIMERCAPTO-, (R*,R*)- (+ -)- (9CI) * CLELAND'S REAGENT * DL-threo-1,4-DIMERCAPTO-2,3-BUTANEDIOL * DITHIOTHREITOL * DL-DITHIOTHREITOL * DL-1, 4-DITHIOTHREITOL * rac-DITHIOTHREITOL * DTT

MUTATION DATA AND REFERENCES:

mmo-sat 100 ug/plate	ABCHA6 45,327,81
mma-sat 100 ug/plate	ABCHA6 45,327,81
dnd-omi 1 mmol/L	BBRCA9 77,1150,77
mnt-nml:emb 2 mmol/L	JCLBA3 60,497,74
mnt-nml:emb 2 mmol/L	JCLBA3 60,497,74
cyt-nml:emb 2 mmol/L	JCLBA3 60,497,74
cyt-nml:emb 2 mmol/L	JCLBA3 60,497,74
dni-rat:lvr 1 mmol/L	ABBIA4 166,400,75

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:169 mg/kg	JMCMAR 15,600,72

THRETHYLEN see: KX4550000
THRETHYLENE see: KX4550000
THROMBOCYTIN see: NM2450000
THROMBOLIQUINE see: MI0700000
THROMBOTONIN see: NM2450000
THU see: YU2800000
3-THUJANONE, (-)- see: XO9625000

XO9625000 3-THUJANONE, (1S,4R,5R)-(-)-
UPDT:8403 CAS: 546-80-5 MW: 152.26 MOLFM: C10-H16-O
SYN: BICYCLO(3.1.0)HEXAN-3-ONE, 4-METHYL-1-(1-METHYLETHYL)-, (1S-1-alpha,4-alpha,5-alpha)- (9CI) * (-)-3-ISOTHUJONE * 3-THUJANONE, (-)- * THUJON * THUJONE * (-)-THUJONE * alpha-THUJONE * l-THUJONE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:500 mg/kg	FRXXBL #2448856
	ipr-rat LDLo:120 mg/kg	JPETAB 65,275,39
*	scu-mus LD50:8750 ug/kg	JMCMAR 19,1054,76

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CPITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XO9630000 3-THUJANONE, (1S,4S,5R)-(+)-
UPDT:8403 CAS: 471-15-8
SYN: d-ISOTHUJONE * (+)-THUJONE * (+)-3-THUJONE * beta-THUJONE * cis-THUJONE * d-THUJONE * d-beta-THUJONE

TOXICITY DATA AND REFERENCES:

scu-mus LD50:442 mg/kg	JMCMAR 19,1054,76

XO9635000 3-THUJANONE, (+ -)-
UPDT:8403 CAS: 59573-80-7 MW: 152.26 MOLFM: C10-H16-O
SYN: racemic 3-ISOTHUJONE * (+ -) ISOTHUJONE * dl-THUJONE

TOXICITY DATA AND REFERENCES:

scu-mus LD50:134 mg/kg	JMCMAR 19,1054,76

THUJA OIL see: FJ1520000
beta-THUJAPLICIN see: GU4200000
beta-THUJAPLICINE see: GU4200000
THUJON see: XO9625000
THUJONE see: XO9625000
alpha-THUJONE see: XO9625000
beta-THUJONE see: XO9630000
cis-THUJONE see: XO9630000
d-THUJONE see: XO9630000
d-beta-THUJONE see: XO9630000
dl-THUJONE see: XO9635000
l-THUJONE see: XO9625000
(+)-THUJONE see: XO9630000
(+)-3-THUJONE see: XO9630000
(-)-THUJONE see: XO9625000
THULA KHANAPPA EXTRACT (Indian) see: LF1908200
THULOL see: KG8225000

XP1150000 THUNBERGIA GRANDIFLORA Roxb., extract excluding roots
DEF:Indian plant belonging to the family ACANTHACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: KANASE EXTRACT

TOXICITY DATA AND REFERENCES:

2H30M10	ipr-mus LD50:75 mg/kg	IJEBA6 12,512,74

XP1151000 THUNBERGIA MYSORENSIS T. Anders, extract excluding roots
DEF:Indian plant belonging to the family THUNBERGIACEAE (IJEBA6 15,208,77)
UPDT:8408

TOXICITY DATA AND REFERENCES:

1M10	ipr-mus LD50:750 mg/kg	IJEBA6 15,208,77

THUTHWA EXTRACT (Indian) see: OS3156000

XP1155000 THUZA OCCIDENTALIS COMPACTA, extract excluding root
UPDT:8306

TOXICITY DATA AND REFERENCES:

*	orl-rbt LDLo:20 mg/kg	JRIMAO 6,112,71

THX see: YP2833500
THYALONE see: CQ3850000
THYCAPSOL see: NI8615000
THYCAPZOL see: NI8615000
THYLAKENTRIN see: LP6330000
THYLATE see: JO1400000
THYLOGEN see: UT0875000
THYLOGEN MALEATE see: UT1225000
THYLOQUINONE see: QL9100000
THYLPAR M-50 see: TG0175000
THYMACETIN see: AM4445010
THYME CAMPHOR see: XP2275000

XP2050000 THYME OIL RED
DEF:Main consitutents are THYMOL, CARVACROL, found in plants THYMUS VULGARIS L. andTHYMUS ZYGIS L. (FCTXAV 12,807,74)
UPDT:8305
SYN: SPANISH THYME OIL

IRRITATION DATA AND REFERENCES:

skn-mus 100% SEV	FCTXAV 12,1003,74
skn-rbt 500 mg/24H SEV	FCTXAV 12,1003,74

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:4700 mg/kg	FCTXAV 12,1003,74

THYMEOL see: CB0770000 delta-(sup 9(10),gamma)-ANTHRACENEPROPYLAMINE, N,N,10,10-TETRAMETHYL
THYMERGIX see: YV9100000
THYMIC ACID see: XP2275000
THYMIDIN see: XP2071000

XP2071000 THYMIDINE
UPDT:8412 CAS: 50-89-5 MW: 242.26 MOLFM: C10-H14-N2-O5
SYN: DEOXYTHYMIDINE * 2'-DEOXYTHYMIDINE * DT * DTHYD * 5-METHYLDEOXYURINDINE * THYMIDIN * THYMINEDEOXYRIBOSIDE * THYMINE-2-DEOXYRIBOSIDE

MUTATION DATA AND REFERENCES:

pic-esc 1 gm/L	ZAPOAK 12,583,72
dns-hmn:hla 2 mmol/L	JCLLAX 73,109,69
dni-hmn:oth 1 mmol/L	CNREA8 35,2872,75
dni-hmn:hla 250 mg/L	JCLLAX 69,331,67
oms-hmn:hla 250 mg/L	JCLLAX 69,331,67
oms-hmn:hla 2 mmol/L	JCLLAX 73,109,69
dns-mus-ipr 100 ug/kg	AHISA9 46,181,73
dni-mus-orl 1 gm/kg	MUREAV 46,305,77
dni-mus:oth 2 mmol/L	BIJOAK 123,385,71
cyt-mus-ipr 600 ng/kg	NULSAK 20,252,77
msc-ham:lng 8 mmol/L	NATUAS 274,607,78
msc-ham:ovr 200 umol/L	BICMBE 64,809,82
dnd-mam:lym 150 mmol/L	PNASA6 48,686,62

TOXICITY DATA AND REFERENCES:

2F07F17	ipr-mus LD50:2512 mg/kg	JPETAB 207,504,78

BEST COPY

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

THYMIDINE, alpha-HYDROXY- (9CI) see: YU7600000

XP2100000 THYMINE
UPDT:8405 CAS: 65-71-4 MW: 126.13 MOLFM: C5-H6-N2-O2
SYN: 5-METHYLURACIL * THYMIN (PURINE BASE)
MUTATION DATA AND REFERENCES:
pic-esc 1 gm/L ZAPOAK 12,583,72
TOXICITY DATA AND REFERENCES:
1F02 orl-mus LD50:3500 mg/kg JAPMAB 44,56,55
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

XP2100200 THYMINE, 1-beta-D-ARABINOFURANOSYL-
UPDT:8405 CAS: 605-23-2 MW: 258.26 MOLFM: C10-H14-N2-O6
SYN: 1-beta-D-ARABINOFURANOSYLTHYMINE * ARABINOSYLTHYMINE * 2,4(1H,3H)-PYRIMIDINEDIONE, 1-beta-D-ARABINOFURANOSYL-5-METHYL- (9CI) * SPONGOTHYMIDIN * SPONGOTHYMIDINE * THYMINE ARABINOSIDE
MUTATION DATA AND REFERENCES:
dni-mus:lym 7100 ug/L CBINA8 23,141,78

THYMINE ARABINOSIDE see: XP2100200
THYMINEDEOXYRIBOSIDE see: XP2071000
THYMINE-2-DEOXYRIBOSIDE see: XP2071000

XP2102000 THYMINE, 4,5-DIHYDRO-4-HYDROXY-5-NITRO-
UPDT:8308 CAS: 67383-66-8 MW: 189.15 MOLFM: C5-H7-N3-O5
SYN: HNT * HYDROXYNITRODIHYDROTHYMINE * 4-HYDROXY-5-NITRO-4,5-DIHYDROTHYMINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1800 mg/kg CTRRDO 62,823,78

XP2105000 THYMINE, 5,6-DIHYDRO-1-NITROSO-
UPDT:8403 CAS: 62641-67-2 MW: 157.15 MOLFM: C5-H7-N3-O3
SYN: 1-NITROSO-5,6-DIHYDROTHYMINE * 2,4(1H,3H)-PYRIMIDINEDIONE, DIHYDRO-5-METHYL-1-NITROSO- (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 38 umol/L MUREAV 48,131,77
dnd-rat-ipr 700 umol/kg PAACA3 24 73,83
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

XP2108000 THYMINE LACTONE
UPDT:8406 MW: 250.28 MOLFM: C12-H14-N2-O4
MUTATION DATA AND REFERENCES:
dni-mus:ast 2143 umol/L JPMSAE 67,1235,78

THYMIN (PURINE BASE) see: XP2100000

XP2275000 THYMOL
UPDT:8405 CAS: 89-83-8 MW: 150.24 MOLFM: C10-H14-O
SYN: m-CRESOL, 6-ISOPROPYL- * p-CYMENE, 3-HYDROXY- * p-CYMEN-3-OL * 3-p-CYMENOL * 3-HYDROXY-p-CYMENE * 3-HYDROXY-1-METHYL-4-ISOPROPYLBENZENE * ISOPROPYL CRESOL * 2-ISOPROPYL-5-METHYLPHENOL * 1-METHYL-3-HYDROXY-4-ISOPROPYLBENZENE * 5-METHYL-2-ISOPROPYL-1-PHENOL * 5-METHYL-2-(1-METHYLETHYL)PHENOL * PHENOL, 2-ISOPROPYL-5-METHYL- * THYME CAMPHOR * THYMIC ACID * m-THYMOL
MUTATION DATA AND REFERENCES:
cyt-smc 500 umol/tube HEREAY 33,457,47
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-rat TDLo:20 mg/kg (4D pre) JSICAZ 19C,264,60
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:1200 mg/kg/8W-I CNREA8 33,3069,73
TOXICITY DATA AND REFERENCES:
3F07F19F24 orl-rat LD50:980 mg/kg FCTXAV 2,327,64
scu-rat LDLo:1600 mg/kg HBTXAC 5,172,59
orl-mus LD50:1800 mg/kg JAPMAB 38,366,49
scu-mus LDLo:800 mg/kg HBAMAK 4,1289,35
1F04 ivn-mus LD50:100 mg/kg JMCMAR 23,1350,80
orl-cat LDLo:250 mg/kg HBTXAC 5,172,59
orl-rbt LDLo:750 mg/kg HBTXAC 5,172,59
ivn-rbt LDLo:60 mg/kg HBTXAC 5,172,59
3F11F24K05 orl-gpg LD50:880 mg/kg FCTXAV 2,327,64
ipr-gpg LDLo:300 mg/kg HBTXAC 5,172,59
scu-gpg LDLo:1100 mg/kg HBTXAC 5,172,59
scu-frg LDLo:150 mg/kg HBTXAC 5,172,59
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JRPMAP 12(1),27,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

m-THYMOL see: XP2275000
o-THYMOL see: FI1225000
THYMOLAN see: XP2670000

XP2575000 THYMOL, 6,6'-(3H-2,1-BENZOXATHIOL-3-YLIDENE)DI-, S,S-DIOXIDE
UPDT:8409 CAS: 76-61-9 MW: 466.63 MOLFM: C27-H30-O5-S
SYN: PHENOL, 4,4'-(3H-2,1-(2-BENZOXATHIOL-3-YLIDENE)BIS(5-METHYL-2-(1-METHYLETHYL)), S,S-DIOXIDE * THYMOL BLUE * THYMOLSULFONEPHALEIN * THYMOLSULFONEPHTHALEIN * THYMOLSULFOPHTHALEIN * THYMOLSULPHONPHTHALEIN * THYMOSULFONPHTHALEIN
MUTATION DATA AND REFERENCES:
dnd-esc 50 umol/L MUREAV 89,95,81

THYMOL BLUE see: XP2575000

XP2610000 THYMOL, 6-BROMO-
UPDT:8403 CAS: 15062-34-7 MW: 229.14 MOLFM: C10-H13-Br-O
SYN: BROMOTHYMOL * 4-BROMOTHYMOL * 6-BROMOTHYMOL * 4-BROMTHYMOL (German) * KILLVERMYL * PHENOL, 4-BROMO-5-METHYL-2-(1-METHYLETHYL)- (9CI) * VERMELLA
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1380 mg/kg PHARAT 30,147,75

XP2670000 THYMOL, 6-IODO-
UPDT:8403 CAS: 2364-44-5 MW: 276.13 MOLFM: C10-H13-I-O
SYN: 4-IODOTHYMOL * 6-IODOTHYMOL * 4-JODTHYMOL (German) * PHENOL, 4-IODO-5-METHYL-2-(1-METHYLETHYL)- (9CI) * THYMOLAN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1750 mg/kg PHARAT 30,147,75

THYMOLSULFONEPHALEIN see: XP2575000
THYMOLSULFONEPHTHALEIN see: XP2575000
THYMOSULFONPHTHALEIN see: XP2575000
THYMOLSULFOPHTHALEIN see: XP2575000
THYMOLSULPHONPHTHALEIN see: XP2575000
THYMOL THIOCYANATE see: XL1250000
THYMOXAMINE HYDROCHLORIDE see: FI1600000

XP3356720 THYMUS EXTRACT
UPDT:8306 CAS: 8057-54-3
SYN: TFX * THYMUS FACTOR X
TOXICITY DATA AND REFERENCES:
3F17J26P01 ivn-rat LD50:1725 mg/kg AITEAT 28,827,80

THYMUS FACTOR X see: XP3356720

XP3356733 THYMUS KOTSCHYANUS, oil extract
DEF:The main constituents of the ether oil are CARVACROL (13.74%), THYMOL (10.07%), TERPINEN(7.6%), TERPINDEN (6.72%), CARYOPHILEN (6.33%), TERPINEOL (4.56%), alpha-PINEN (3.36%), andbeta-PINEN (3.32%) (DAZRA7 35(8),87,79)
UPDT:8408
TOXICITY DATA AND REFERENCES:
3F05F07F23 ipr-mus LD50:869 mg/kg DAZRA7 35(8),87,79
3F05F07F23 scu-mus LD50:991 mg/kg DAZRA7 35(8),87,79
3F05F07F23 ipr-gpg LD50:1767 mg/kg DAZRA7 35(8),87,79
3F05F07F23 ims-gpg LD50:1892 mg/kg DAZRA7 35(8),87,79

XP3356735 THYMUS SERPYLLUM Linn., extract
DEF:Indian plant belonging to the family LABIATAE (IJEBA6 6,232,68)
UPDT:8302
SYN: BAN-AJWAN EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 6,232,68

THYNESTRON see: KG8575000
THYNON see: QL0700000
THYRADIN see: XP3575000
THYREOIDEUM see: YP2833500
THYREONORM see: YR0875000
THYREOSTAT see: YR0875000
THYREOSTAT I see: YR0875000
THYREOSTAT II see: YR1400000
THYREOTROPHIC HORMONE see: XP3581600
THYRIL see: YR0875000

XP3575000 THYROID
UPDT:8407
SYN: THYRADIN * TIROIDINA
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 ipr-rat TDLo:2 gm/kg (7-10D preg) NAGZAC 41,332,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

THYROID-STIMULATING FACTOR see: XP3581600
THYROID-STIMULATING HORMONE see: XP3581600
THYROTROPHIN see: XP3581600
THYROTROPIC HORMONE see: XP3581600

XP3581600 THYROTROPIN
UPDT:8303 CAS: 9002-71-5
SYN: PRETIRON * THYREOTROPHIC HORMONE * THYROID-STIMULATING FACTOR * THYROID-STIMULATING HORMONE * THYROTROPHIN * THYROTROPIC HORMONE * THYTROPAR * TSH * TTH
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T27T35 scu-rbt TDLo:7500 ug/kg (9-13D preg) ENDOAO 26,136,40
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

THYROXEVAN see: XP3583000
THYROXIN see: YP2833500
L-THYROXIN see: YP2833500

XP3582400 THYROXINE
UPDT:8412 CAS: 7488-70-2 MW: 776.87 MOLFM: C15-H11-I4-N-O4
SYN: 3-(4-(4-HYDROXY-3,5-DIIODOPHENOXY)-3,5-DIIODOPHENYL)ALANINE * TYROSINE, O-(4-HYDROXY-3,5-DIIODOPHENYL)-3,5-DIIODO- (9CI)
MUTATION DATA AND REFERENCES:
dns-rat-scu 3125 ug/kg BEXBAN 72,942,71
cyt-mus-ipr 250 ug/kg/7D RRENAR 10,149,73
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T27T42 orl-rat TDLo:30 mg/kg (9-20D preg) AFPEAM 11,168,54
1T42 orl-rat TDLo:27500 ug/kg (1-22D preg) BSOFAK (5),543,51
1T12 ims-rat TDLo:19310 ug/kg (7D pre) AIPTAK 99,97,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

THYROXINE see: YP2833500
(-)-THYROXINE see: YP2833500
L-THYROXINE see: YP2833500
THYROXINE, L- see: YP2833500

XP3583000 THYROXINE, MONOSODIUM SALT, L-
UPDT:8412 CAS: 55-03-8 MW: 799.86 MOLFM: C15-H11-I4-N-O4 .Na
SYN: DATHROID * ELTROXIN * EUTHYROX * LAEVOXIN * LETTER * LEVAXIN * LEVOROXINE * LEVOTHYROXINE SODIUM * MONOSODIUM THYROXINE * OROXINE * SODIUM LEVOTHYROXINE * SODIUM THYROXIN * SODIUM THYROXINATE * SODIUM THYROXINE * SODIUM L-THYROXINE * SYNTHROID * SYNTHROID SODIUM * 3,3',5,5'-TETRAIODO-L-THYRONINE, SODIUM SALT * THYROXEVAN * L-TYROSINE, O-(4-HYDROXY-3,5-DIIODOPHENYL)-3,5-DIIODO-, MONOSODIUM SALT (9CI) * L-THYROXINE MONOSODIUM SALT * THYROXINE SODIUM * L-THYROXINE SODIUM * THYROXINE SODIUM SALT * L-THYROXINE SODIUM SALT
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T72T87 scu-rat TDLo:6750 ug/kg (10D pre) BNEOBV 31,71,77
1T35 scu-mus TDLo:2 mg/kg (9-10D preg) DPTHDL 2,17,81
2T26T35 par-mus TDLo:8 mg/kg (9-10D preg) JDREAF 53(Spec Iss),541,74
2T49[illegible] ims-rbt TDLo:30 ug/kg (28-30D preg) BNEOBV 22,161,73
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:20 mg/kg NIIRDN 6,905,82
* scu-rat LD50:50 mg/kg NIIRDN 6,905,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

L-THYROXINE MONOSODIUM SALT see: XP3583000
THYROXINE SODIUM see: XP3583000
L-THYROXINE SODIUM see: XP3583000
THYROXINE SODIUM SALT see: XP3583000
L-THYROXINE SODIUM SALT see: XP3583000

XP3583930 THYSANOLAENA MAXIMA (Roxb.) Kuntze, extract
DEF:Indian plant belonging to the family GRAMINEAE (IJEBA6 9,91,71)
UPDT:8302
SYN: AUNSH EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

THYTROPAR see: XP3581600
TI-8 see: GZ0591910
TI-78 see: DB8000000
TI-1258 see: FD1225000
TIACETAZON see: AE3850000
TIADENOL see: KK3547000
TIAFUR see: XI3600000
TIAMIDON see: XI7350000
TIAMINAL see: XI7350000
TIAMIPRINE see: UO7505000
TIAMIZID see: CV2450000
TIAMIZIDE see: CV2450000
TIAPROFENIC ACID see: XM7580000
TIARAMIDE HYDROCHLORIDE see: TL7050000
TIAZOFURIN see: XJ3600000
2-TIAZOLILAMIDE dell' ACIDO 4-(1-PIRRIL)FENILACETICO (Italian) see: AC8070000
TIAZON see: XI2800000
TIB see: DH9275000
TIBA see: DH9275000
TIBA see: DH9350000

2,3,5-TIBA see: DH9275000
TIBATIN see: LW5920000
TIBAZIDE see: NS1750000
TIBEMID see: NS1750000
TIBERAL see: NI5460000
TIBEXIN see: TM7750000
TIBICUR see: AE3850000
TIBINIDE see: NS1750000
TIBION see: AE3850000
TIBIONE see: AE3850000
TIBISON see: NS1750000
TIBIVIS see: NS1750000
TIBIZAN see: AE3850000
TIBIZIDE see: NS1750000
TIBON see: AE3850000
TIBONE see: AE3850000
TIBRIC ACID see: DG4996300
TIBUSAN see: NS1750000
TI(BZAC)2-Br2 see: XR1928000
TI(BZAC)2-Cl2 see: XR2063200
TI(BZAC)2-F2 see: XR2080000
TICARDA HYDROCHLORIDE see: MP1750000
TICINIL see: UQ8225000
TICLID see: XJ9089100 THIENO(3,2-c)PYRIDINE 5-((2-CHLOROPHENYL)METHYL)-4,5,6,7-TETRAHYDRO-, HYDROCHLORIDE
TICLOBRAN see: UE9480000
TICLODIX see: XJ9089100 THIENO(3,2-c)PYRIDINE, 5-((2-CHLOROPHENYL)METHYL)-4,5,6,7-TETRAHYDRO-, HYDROCHLORIDE
TICLODONE see: XJ9089100 THIENO(3,2-c)PYRIDINE, 5-((2-CHLOROPHENYL)METHYL)-4,5,6,7-TETRAHYDRO-, HYDROCHLORIDE
TICLOPIDINE HYDROCHLORIDE see: XJ9089100
TICREX see: AG9300000 ACETIC ACID, (2,3-DICHLORO-4-(2-THIENYLCARBONYL)PHENOXY)-
TICRYNAFEN see: AG9300000
TIDEMOL see: DU1135000
TIEMPE see: UV8225000
TIENILIC ACID see: AG9300000
TIEZENE see: ZH3325000
TIFOMYCIN see: AB6825000
TIFOMYCINE see: AB6825000
TIFOSYL see: SZ2975000

XP6515010 TIGER BALM RED
DEF:Contains 10% MENTHOL, 25% CAMPHOR, 5% CLOVE OIL, 7% CAJUPUT OIL, 17% HARD PARAFFIN,24% YELLOW PARAFFIN, 6% PEPPERMINT OIL, 5% CASSIA OIL, 1% strong AMMONIA solution(FCTOD7 20,89,82)
UPDT:8412
IRRITATION DATA AND REFERENCES:
skn-rbt 10500 mg/21D-C MOD FCTOD7 20,89,82

XP6515020 TIGER BALM WHITE
DEF:Contains 8% MENTHOL, 25% CAMPHOR, 2% CLOVE OIL, 13% CAJUPUT OIL, 26% HARD PARAFFIN,11% WHITE PARAFFIN, 15% PEPPERMINT OIL (FCTOD7 20,89,82)
UPDT:8412
IRRITATION DATA AND REFERENCES:
skn-rbt 10500 mg/21D-C MLD FCTOD7 20,89,82

TIGER ORANGE see: QL3436000
TIGLIC ACID see: GQ5430000
TIGLIC ACID, GERANIOL ESTER see: RG5927900
TIGLINIC ACID see: GQ5430000
12-O-TIGLYL-PHORBOL-13-BUTYRATE see: GZ0665500
12-o-TIGLYL-PHORBOL-13-DODECANOATE see: GZ0666000
7-TIGLYLRETRONECINE VIRIDIFLORATE see: EM9252500
7-TIGLYL-9-VIRIDIFLORYLRETRONECINE see: EM9252500
TIGUVON see: TF9625000
TIKLID see: XJ9089100 THIENO(3,2-c)PYRIDINE, 5-((2-CHLOROPHENYL)METHYL)-4,5,6,7-TETRAHYDRO-, HYDROCHLORIDE
TIKOFURAN see: RQ3675000
TILCAREX see: DA6650000
TILDIEM see: DL0310000 1,5-BENZOTHIAZEPIN-4(5H)-ONE, 2,3-DIHYDRO-3-(ACETYLOXY)-5-(2-(DIMETHYLAMINO)ETHYL)-2-(4- METHOXYPHENYL)-, MONOHYDROCHLORIDE, cis-(+)-
TILDIN see: YS2975000
DL-trans,trans-TILDINE HYDROCHLORIDE see: GW4375000
TILEKORA EXTRACT (Indian) see: MG4358000
TILIDATE see: GW4375000
TILIDINE HYDROCHLORIDE see: GW4375000
TILLAM (Russian) see: EZ0400000
TILLAM-6-E see: EZ0400000
TILLANTOX see: DH6125000
TILLRAM see: JO1225000
TILORONE HYDROCHLORIDE see: LL9000000
TILIROSIDE see: UD3375250
TILPHORA LEAF EXTRACT (Indian) see: GG5341000
TILPHORA ROOT EXTRACT (Indian) see: GG5341200
TIL SEED EXTRACT (Indian) see: VU3980000
TILT see: XZ4620000
TIMACOR see: UA8475000
TIMET see: TD9450000
TIMIPERONE see: EL7570000
TIMOLET see: HO1575000
TIMOLOL MALEATE see: UA8475000
l-TIMOLOL MALEATE see: UA8475000
TIMONACIC see: XJ5425500
TIMONIL see: HN8225000 5H-DIBENZ(b,f)AZEPINE-5-CARBOXAMIDE

XP7297000 TIMONIUS WALLICHIANUS, leaf and stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:125 mg/kg CPBTAL 13,882,65

TIMONOX see: CC5650000
TIMOPTOL see: UA8475000
TIMOSIN see: DE9450000
TIMOSTENIL see: DM3300000

XP7320000 TIN
UPDT:8404 CAS: 7440-31-5 MW: 118.69 MOLFM: Sn
SYN: SILVER MATT POWDER * TIN (alpha) * TIN FLAKE * TIN POWDER * ZINN (German)
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:395 gm/kg RCOCB8 18,201,77
2V03V10 imp-mus TDLo:840 gm/kg RCOCB8 18,201,77
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg/m3; STEL 4 mg/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 176, VOL 3 S183
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TIN (alpha) see: XP7320000
TIN, ACETOXYTRIPHENYL- see: WH6650000
TIN BIFLUORIDE see: XQ3450000
TIN, BIS(DECANOYLOXY)DI-n-BUTYL- see: WH6714310
TIN, BIS(HEXANOYLOXY)DI-n-BUTYL- see: WH6718000
TIN, BIS(HYDROGEN MALEATO)DIBUTYL-, BIS(2-ETHYLHEXYL) ESTER see: WH6717000

XP7525000 TIN, BIS(HYDROGEN MALEATO)DIOCTYL-, BIS(2-ETHYLHEXYL) ESTER
UPDT:8305 CAS: 10039-33-5 MW: 799.81 MOLFM: C40-H72-O8-Sn
SYN: DI-n-OCTYLTIN BIS(2-ETHYLHEXYL MALEATE) * DI-n-OCTYL-ZINN-BIS(2-AETHYLHEXYLMALEINAT) (German)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2760 mg/kg ARZNAD 19,934,69
3F12J25K01 orl-mus LD50:2700 mg/kg FCTXAV 8,655,70
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XP7700000 TIN, BIS(MERCAPTOACETATE)DIOCTYL-, BIS(BUTYL) ESTER
UPDT:8205 CAS: 27107-88-6 MW: 639.65 MOLFM: C28-H56-O4-S2-Sn
SYN: DI-n-OCTYLTIN BIS(BUTYL MERCAPTOACETATE)
TOXICITY DATA AND REFERENCES:
2L03M01 orl-mus LD50:1140 mg/kg ATXKA8 26,196,70
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

TIN, BIS(MERCAPTOACETATE)DIOCTYL-, BIS(2-ETHYLHEXYL) ESTER see: RO0955000
TIN, BIS(MERCAPTOACETATE)DIOCTYL-, BIS(ISOOCTYL) ESTER see: WH6723000

XP8225000 TIN, BIS(MERCAPTO)DIOCTYL-, BIS(DODECYL) ESTER
UPDT:8205 CAS: 22205-30-7 MW: 864.13 MOLFM: C44-H88-O4-S2-Sn
SYN: DI-n-OCTYLTIN BIS(DODECYL MERCAPTIDE)
TOXICITY DATA AND REFERENCES:
2L03M01 orl-mus LD50:4000 mg/kg ATXKA8 26,196,70
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (skin) (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TIN, BIS(OCTANOYLOXY)DI-n-BUTYL- see: WH6733100
TIN, BIS(TRIBUTYL)-, OXIDE see: JN8750000

XP8300000 TIN(IV) BROMIDE (1:4)
UPDT:7901 CAS: 7789-67-5 MW: 438.33 MOLFM: Br4-Sn
SYN: STANNIC BROMIDE * TIN PERBROMIDE * TIN TETRABROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#02222
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TIN, n-BUTYL-, TRICHLORIDE see: WH6780000
TIN, BUTYL-, TRI(DODECANOATE) see: WH6785000
TIN, BUTYL-, TRIS(ISOOCTYLTHIOGLYCOLLATE) see: WH6790000
TIN CHLORIDE see: CC5075000

XP8700000 TIN(II) CHLORIDE (1:2)
UPDT:8412 CAS: 7772-99-8 MW: 189.59 MOLFM: Cl2-Sn
SYN: C.I. 77864 * NA 1759 (DOT) * NCI-C02722 * STANNOCHLOR * STANNOUS CHLORIDE * STANNOUS CHLORIDE, SOLID (DOT) * TIN DICHLORIDE * TIN PROTOCHLORIDE
MUTATION DATA AND REFERENCES:
dnd-hmn:leu 10 umol/L CBINA8 46,189,83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 itt-rat TDLo:15167 ug/kg (1D male) JRPFA4 7,21,64
TOXICITY DATA AND REFERENCES:
orl-rat LD50:700 mg/kg FOREAE 7,313,42
orl-mus LD50:1200 mg/kg FOREAE 7,313,42
ipr-mus LD50:66 mg/kg COREAF 256,1043,63
* ivn-mus LD50:17800 ug/kg CSLNX* NX#02202
orl-dog LDLo:500 mg/kg HBAMAK 4,1420,35
ivn-dog LDLo:20 mg/kg HBAMAK 4,1420,35
orl-rbt LDLo:40 mg/kg FAONAU 50A,101,72
scu-gpg LDLo:400 mg/kg BMJOAE 2,217,13
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FOREAE 7,313,42
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-B; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE, RAT (NTPTR* NTP-TR-231,82)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XP8750000 TIN(IV) CHLORIDE (1:4)
UPDT:8312 CAS: 7646-78-8 MW: 260.49 MOLFM: Cl4-Sn
SYN: ETAIN (TETRACHLORURE D') (French) * LIBAVIUS FUMING SPIRIT * STAGNO (TETRACLORURO DI) (Italian) * STANNIC CHLORIDE * STANNIC CHLORIDE, ANHYDROUS * STANNIC CHLORIDE, ANHYDROUS (DOT) * TIN CHLORIDE, FUMING (DOT) * TIN PERCHLORIDE * TIN PERCHLORIDE (DOT) * TIN TETRACHLORIDE * TIN TETRACHLORIDE, ANHYDROUS * TIN TETRACHLORIDE, anhydrous (DOT) * TINTETRACHLORIDE (Dutch) * UN 1827 (DOT) * ZINNTETRACHLORID (German)
TOXICITY DATA AND REFERENCES:
* ihl-rat LC50:2300 mg/m3/10M TOXID9 1,77,81

ipr-mus LD50:46 mg/kg COREAF 256,1043,63
scu-dog LDLo:159 mg/kg EQSSDX 1,1,75
ivn-dog LDLo:35 mg/kg EQSSDX 1,1,75
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XP8850000 TIN(II) CHLORIDE DIHYDRATE (1:2:2)
UPDT:8305 CAS: 10025-69-1 MW: 225.63 MOLFM: Cl2-Sn .2H2-O
SYN: STANNOCHLOR * STANNOUS CHLORIDE DIHYDRATE
MUTATION DATA AND REFERENCES:
dnd-ham:ovr 50 umol/L MUREAV 119,195,83
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:7830 ug/kg APYPAY 32,193,81
ivn-dog LDLo:20 mg/kg HBTXAC 1,282,55
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74

XP8870000 TIN(IV) CHLORIDE, PENTAHYDRATE (1:4:5)
UPDT:8405 CAS: 10026-06-9 MW: 350.59 MOLFM: Cl4-Sn .5H2-O
SYN: STANNIC CHLORIDE PENTAHYDRATE * STANNIC CHLORIDE PENTAHYDRATE (DOT) * TETRACHLOROSTANNANE PENTAHYDRATE * UN 2440 (DOT)
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:41 mg/kg APYPAY 32,719,81
* ivn-mus LD50:32 mg/kg CSLNX* NX#02201
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83

TIN CHLORIDE, FUMING (DOT) see: XP8750000

XP8910000 TIN CHLORIDE IODIDE
UPDT:7901 CAS: 13940-16-4 MW: 443.39 MOLFM: Cl2-I2-Sn
SYN: STANNIC DICHLORIDE DIIODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56200 ug/kg CSLNX* NX#02301
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74

TINDAL see: OB4180000
TIN, DIBUTYL-, BIS(2-ETHYLHEXYLTHIOGLYCOLATE) see: WH7125000
TIN, DIBUTYL-, BIS(ISOOCTYLTHIOGLYCOLLATE) see: WH6719000
TIN, DIBUTYLBIS(LAUROYLOXY)- see: WH7000000
TIN, DIBUTYL-, DIACETATE see: WH6880000
TIN, DIBUTYL-, DIBROMIDE see: WH6882000
TIN, DI-n-BUTYL-, DIBUTYRATE see: WH7070000
TIN, DIBUTYL-, DICHLORIDE see: WH7100000
TIN, DI-n-BUTYL-, DI(DODECANOATE) see: WH7000000
TIN, DIBUTYL-, DIFLUORIDE see: WH7125200
TIN, DI-n-BUTYL-, DIFORMATE see: WH7125500

XQ0525000 TIN, DI-n-BUTYL-, DI(HEXADECYLMALEATE)
UPDT:7901 CAS: 19706-58-2 MW: 912.05 MOLFM: C48-H88-O8-Sn
SYN: HEXADECYLMALEINAN DI-n-BUTYLCINICITY (Czech)
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV 28ZPAK -,231,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:386 mg/kg 28ZPAK -,231,72
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TIN, DIBUTYL-, DIIODIDE see: WH7128000
TIN DIBUTYL DILAURATE see: WH7000000
TIN, DI-n-BUTYL-, DIPENTANOATE see: WH7133000
TIN, DI-n-BUTYL-, DIPROPIONATE see: WH7135000
TIN, DI-n-BUTYL-, DI(TETRADECANOATE) see: WH6733850
TIN DIBUTYL MERCAPTIDE see: WH7195000
TIN, DIBUTYL(3-MERCAPTOPROPIONATG(2-))- see: RP4395000
TIN, DIBUTYL-, OXIDE see: WH7175000
TIN, DIBUTYLOXO- see: WH7175000
TIN DICHLORIDE see: XP8700000
TIN, DIETHYL-, DICHLORIDE see: WH7200000
TIN, DIETHYL-, DIIODIDE see: WH7270000
TIN, DIETHYL PHENYL-, ACETATE see: WH5700000
TIN DIFLUORIDE see: XQ3450000
TIN, DIHEXYL-, DICHLORIDE see: WH7220000
TIN, DI(2-ETHYLHEXYL)-, DICHLORIDE see: WH7210000
TIN, DIISOPROPYL-, DICHLORIDE see: WH7240000
TIN, DIMETHYL-, BIS(ISOOCTYLTHIOGLYCOLLATE) see: WH6721000
TIN, DIMETHYL-, DIBROMIDE see: WH6883000
TIN, DIMETHYL-, DICHLORIDE see: WH7245000
TIN, DIMETHYL-, FLUORIDE see: WH7285000
TIN, DIOCTYL-, BIS(2-ETHYLHEXYLTHIOGLYCOLATE) see: RO0955000
TIN, DIOCTYL-, BIS(ISOOCTYLTHIOGLYCOLLATE) see: WH6723000
TIN, DIOCTYL-, DICHLORIDE see: WH7247000
TIN, DIOCTYL-, DILAURATE see: WH7562000

XQ2975000 TIN, DIOCTYL-, MERCAPTIDE
UPDT:7901
SYN: DI-n-OCTYL TIN MERCAPTIDE * ERGOTERM OTGO
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:750 mg/kg RPZHAW 19,329,68
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**

TIN, DIOCTYL-, beta-MERCAPTOPROPIONATE see: RP4400000
TIN, DIOCTYL-, OXIDE see: WH7620000
TIN, DIOCTYL-, THIOGLYCOLATE see: RP4440000
TIN, DIPENTYL-, DICHLORIDE see: WH7250000
TIN, DIPENTYL-, OXIDE see: WH7700000
TIN, DIPHENYL- see: WH7875000
TIN, DIPHENYL-, DICHLORIDE see: WH7253000
TIN, DIPROPYL-, DICHLORIDE see: WH7255000
TIN, DI(TRIMETHYLHEXYL)-, DICHLORIDE see: WH7230000
TINDURIN see: UV8140000
TINESTAN see: WH6650000
TINESTAN 60 WP see: WH6650000
TIN, ETHYL-, TRICHLORIDE see: WH8270000
TIN FLAKE see: XP7320000

XQ3450000 TIN FLUORIDE
UPDT:8408 CAS: 7783-47-3 MW: 156.69 MOLFM: F2-Sn
SYN: FLUORISTAN * STANNOUS FLUORIDE * TIN BIFLUORIDE * TIN DIFLUORIDE
MUTATION DATA AND REFERENCES:
mma-sat 4 umol/plate MUREAV 90,91,81
sln-dmg-orl 15 pph/24H FLUOA4 6,113,73
TOXICITY DATA AND REFERENCES:
3K30L30M30 orl-rat LD50:46 mg/kg IARC** 27,237,82
3K30L30M30 orl-mus LD50:26 mg/kg IARC** 27,237,82
* ipr-mus LD50:16150 ug/kg DZZEA7 34,484,79
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TINGENIN A see: LS6872000
TINGENON see: LS6872000
TINGENONE see: LS6872000
TIN, HYDROXYTRIPHENYL- see: WH8575000
TINIC see: QT0525000
TINIDAZOLE see: NI6255000

XQ3650000 TIN(II) IODIDE
UPDT:7908 CAS: 10294-70-9 MW: 372.49 MOLFM: I2-Sn
SYN: STANNOUS IODIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg CSLNX* NX#02455
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XQ3675000 TIN(IV) IODIDE (1:4)
UPDT:8209 CAS: 7790-47-8 MW: 626.29 MOLFM: I4-Sn
SYN: STANNIC IODIDE * TIN TETRAIODIDE
TOXICITY DATA AND REFERENCES:
* ivn-rat LDLo:200 mg/kg 85ESA3 9,1134,76
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TINMATE see: WH6860000
TIN, METHYL-, TRICHLORIDE see: WH8585500
TIN, METHYL-, TRIS(ISOOCTYL THIOGLYCOLLATE) see: WH8586000
TINNING FLUX (DOT) see: ZH1400000
TIN, OCTYL-, TRICHLORIDE see: WH8590000
TIN, OCTYL-, TRIS(ISOOCTYLTHIO GLYCOLLATE) see: WH8595000
TINOFEDRINE HYDROCHLORIDE see: DO5464000
TINON GOLDEN YELLOW see: HO7030000
TINOPAL BHS see: WJ6603000
TINORIDINE see: XJ9088300
TINORIDINE HYDROCHLORIDE see: XJ9088600

XQ3763000 TINOSPORA CORDIFOLIA Miers, extract
DEF:Indian plant belonging to the family MENISPERMACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:750 mg/kg IJEBA6 16,228,78

XQ3765000 TINOSPORA MALABARICA (Lam.) Miers, stem bark extract
DEF:Indian plant belonging to the family MENISPERMACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: PADMAGULANCHA STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

TINOSTAT see: WH7000000
TIN OXALATE see: XQ3950000
TIN(2+) OXALATE see: XQ3950000

XQ3950000 TIN(II) OXALATE
UPDT:8104 CAS: 814-94-8 MW: 208.73 MOLFM: C2-H2-O4 .Sn
SYN: ETHANEDIOIC ACID, TIN(2+) SALT (1:1) (9CI) * OXALIC ACID, TIN(2+) SALT (1:1) (8CI) * STANNOUS OXALATE * STAVELAN CINATY (Czech) * TIN(2+) OXALATE * TIN OXALATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3620 mg/kg MarJV# 29MAR77
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TIN, OXYBIS(TRIBUTYL- see: JN8750000
TIN PERBROMIDE see: XP8300000
TIN PERCHLORIDE see: XP8750000
TIN PERCHLORIDE (DOT) see: XP8750000

XQ4050000 TIN (IV) PHOSPHIDE
UPDT:8404 CAS: 25324-56-5 MW: 149.66 MOLFM: P-Sn
SYN: STANNIC PHOSPHIDE (DOT) * UN 1433 (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XQ4100000 TIN POTASSIUM TARTRATE
UPDT:7901 CAS: 73926-79-1
SYN: STANNOUS POTASSIUM TARTRATE
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:70 mg(Sn)/kg AEPPAE 114,39,26
scu-rbt LDLo:70 mg(Sn)/kg AEPPAE 114,39,26
scu-gpg LDLo:70 mg(Sn)/kg AEPPAE 114,39,26
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
TIN POWDER see: XP7320000
TIN PROTOCHLORIDE see: XP8700000

XQ4125000 TIN, complex with PYROCATECHOL
DEF:Aromatic complex salt containing 9.5% Sn (II) (AEPPAE 114,39,26)
UPDT:7901
SYN: HEYDEN T68
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:150 mg(Sn)/kg AEPPAE 114,39,26
scu-rbt LDLo:150 mg(Sn)/kg AEPPAE 114,39,26
scu-gpg LDLo:150 mg(Sn)/kg AEPPAE 114,39,26
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74

XQ4150000 TIN-SAN
UPDT:8309 CAS: 56573-85-4
SYN: TRIBUTYLTIN CHLORIDE COMPLEX
TOXICITY DATA AND REFERENCES:
* skn-mam LD50:10 gm/kg FMCHA2 -,C236,83
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
TINSET see: DE2276000

XQ4170000 TIN SODIUM TARTRATE
UPDT:7901 CAS: 72378-89-3
SYN: SODIUM STANNOUS TARTRATE
TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:52 mg/kg EQSSDX 1,1,75
ivn-cat LDLo:105 mg/kg EQSSDX 1,1,75
scu-rbt LDLo:66 mg/kg EQSSDX 1,1,75
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
TIN TETRABROMIDE see: XP8300000
TIN, TETRABUTYL- see: WH8605000
TIN TETRACHLORIDE see: XP8750000
TINTETRACHLORIDE (Dutch) see: XP8750000
TIN TETRACHLORIDE, ANHYDROUS see: XP8750000
TIN TETRACHLORIDE, anhydrous (DOT) see: XP8750000
TIN, TETRAETHYL- see: WH8625000
TIN TETRAIODIDE see: XQ3675000
TIN, TETRAMETHYL- see: WH8630000
TINTOFEN VIOLET R see: GE4518000
TINTOFEN VIOLET R SUPRA see: GE4518000
TINTORANF see: GN4725000
TIN, TRIBENZYL-, CHLORIDE see: WH6800000
TIN, TRIBENZYL-, FORMATE see: WH8277000
TIN, TRIBUTYL-, ACETATE see: WH5775000
TIN, TRIBUTYL-, BENZOATE see: WH6710000
TIN, TRI-n-BUTYL-, BROMIDE see: WH6735000
TIN, TRI-n-BUTYL-, CHLORIDE see: WH6820000
TIN, TRIBUTYL-, CHLOROACETATE see: WH6795000
TIN, TRIBUTYL-, CYANATE see: WH6071000
TIN, TRIBUTYL-, FLUORIDE see: WH8275000
TIN, TRI-n-BUTYL-, HYDRIDE see: WH8675000
TIN, TRIBUTYL-, HYDROXIDE see: WH8310000
TIN, TRI-n-BUTYL-, IODIDE see: WH8580000
TIN, TRIBUTYL-, IODOACETATE see: WH8576000
TIN, TRIBUTYL-, 3-IODOPROPIONATE see: WH8579200
TIN, TRIBUTYL-, ISOOCTYLTHIOACETATE see: WH8635000
TIN, TRIBUTYL-, ISOTHIOCYANATE see: WH8583500
TIN, TRIBUTYL-, LINOLEATE see: WH8585000
TIN TRIBUTYLMETHACRYLATE see: WH8692000
TIN, TRIBUTYL-, METHANESULFONATE see: WH8585300
TIN, TRIBUTYL-, NEODECANOATE see: WH8588000
TIN, TRIBUTYL-, OLEATE see: WH8700000
TIN, TRIBUTYL-, SALICYLATE see: WH8600000
TIN, TRIBUTYL-, UNDECYLATE see: WH8710000
TIN, TRICYCLOHEXYLHYDROXY- see: WH8750000
TIN, TRIETHYL-, ACETATE see: WH5950000
TIN, TRIETHYL-, BROMIDE see: WH6740000
TIN, TRIETHYL-, CHLORIDE see: WH6840000

XQ7175000 TIN, TRIETHYL-, SULPHATE
UPDT:8103 CAS: 57-52-3 MW: 302.97 MOLFM: C6-H16-O4-S-Sn
SYN: BIS(TRIETHYLTIN) SULFATE * STANNANE, TRIETHYLHYDROXY-, SULFATE (2:1) (8CI) * TRIETHYLHYDROXYTIN SULFATE * TRIETHYLTIN SULPHATE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:10 mg/kg BJPCAL 10,16,55
ipr-rat LD50:5700 ug/kg BJPCAL 10,16,55
scu-rat LDLo:25 mg/kg BJPCAL 10,16,55
ivn-rat LDLo:10 mg/kg BJPCAL 10,16,55
par-rat LD50:6 mg/kg BIJOAK 61,406,55
orl-rbt LDLo:10 mg/kg BJPCAL 10,16,55
ivn-rbt LDLo:3 mg/kg BJPCAL 10,16,55
ipr-gpg LD50:3 mg/kg BJIMAG 23,222,66
ivn-brd LDLo:3 mg/kg BJPCAL 10,16,55
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: EVHPAZ 4,61,73
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
TIN, TRIHEXYL-, ACETATE see: WH6125000
TIN, TRIISOPROPYL-, ACETATE see: WH6300000
TIN, TRIMETHYL-, ACETATE see: WH6475000
TIN, TRIMETHYL-, HYDROXIDE see: WH8400000
TIN, TRIMETHYL-, ISOTHIOCYANATE see: WH8583600

XQ7225000 TIN, TRIMETHYL-, SULPHATE
UPDT:7901 CAS: 63869-87-4 MW: 260.88 MOLFM: C3-H10-O4-S-Sn
SYN: STANNANE, TRIMETHYL-, SULPHATE * TRIMETHYLTIN SULPHATE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:30 mg/kg BJPCAL 10,16,55
ipr-rat LDLo:16 mg/kg BJPCAL 10,16,55
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1 mg(Sn)/m3 NTIS**
TIN TRIPHENYL ACETATE see: WH6650000
TIN, TRIPHENYL-, METHANESULFONATE see: WH8585400

XQ7380000 TIN, TRIPHENYL-, SULFATE (2:1)
UPDT:7902 CAS: 3021-41-8 MW: 796.10 MOLFM: C36-H30-Sn2 .O4-S
SYN: BIS(TRIPHENYLTIN)SULFATE * STANNANE, TRIPHENYL-, SULFATE (2:1) * TRIPHENYLSTANNANE SULFATE (2:1)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#04819
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Sn)/m3;STEL 200 ug(Sn)/m3 DTLVS* 4,398,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ORGANOTIN COMPOUNDS recm std-air:TWA 0.1mg(Sn)/m3 NTIS**
TIN, TRIPHENYL-, THIOCYANATE see: WH8900000
TIN, TRI-n-PROPYL-, BROMIDE see: WH6760000
TIN, TRIPROPYL-, CHLORIDE see: WH6870000
TIN, TRIPROPYL-, IODIDE see: WH8583000
TIN, TRIPROPYL-, o-IODOBENZOATE see: WH8579000
TIN, TRIPROPYL-, ISOTHIOCYANATE see: WH8583700
TIOACETAZON see: AE3850000
TIOALKOFEN BM see: GP3200000
TIOATSETAZON see: AE3850000
TIOBENZAMIDE (Italian) see: CV5860000
TIOBICINA see: AE3850000
TIOCARONE see: AE3850000
TIOCTACID see: JP1190000
TIOCTIDASI see: JP1190000
TIOCTIDASI ACETATE REPLACING FACTOR see: JP1190000
TIODIFENILAMINA (Italian) see: SN5075000
TIOFANATE ETILE (Italian) see: BA3650000
TIOFANATE METILE (Italian) see: BA3675000
TIOFINE see: XR2275000
TIOFOS see: TF4550000
TIOGUANINE see: UP0740000
TIOMERACIL see: YR0875000
TIO-MID see: NS0350000
TIONAL see: EJ5250000
TIONA T.D. see: XR2275000
TIOPENTALE (Italian) see: CQ6300000
TIOPENTAL SODIUM see: CQ6475000
TIOPRONIN see: MC0596500
TIOPROPEN see: JP1292500
TIORALE M see: YR0875000
TIOSECOLO see: AE3850000
TIOTIAMINA see: LQ0699000
TIOTIRON see: YR0875000
TIOTRIFAR see: JP1292500
TIOURACYL (Polish) see: YR1575000
TIO-URASIN SODIUM see: XI4400000
TIOVEL see: RB9275000
TIOVIT-B(sub 1) see: LQ0699000
TIOXANONA see: RQ2100000
TIOXIDE see: XR2275000
TIPAQUE see: XR2275000
TIPEDINE see: TM7870000
TIPEPIDINE see: TM7870000
TIPIDI see: LQ0699000
TIP-NIP see: YQ3155000
TIP-OFF see: QJ0875000
TIPPON see: AJ8400000
TIPPS see: SM8400000
TI-PURE see: XR2275000
TIRAMPA see: JO1400000
TIRANDAMYCIN see: UY7625500
TIRANDAMYCIN A see: UY7625500
TIRANTIL see: YM3500000
TIRIAN HYDROCHLORIDE see: DU1750000
TIROIDINA see: XP3575000
TIROPRAMIDA (Spanish) see: DA8325600
TIROPRAMIDE see: DA8325600
TIROSIEN (Australian) see: YP0350000
TIRPATE see: FC1050000
TISIN see: NS1750000
TISIODRAZIDA see: NS1750000
TISOMYCIN see: NY2975000
2,4,5-T ISOOCTYL ESTER see: AJ8520000
2,4,5-T, ISOPROPYL ESTER see: AJ8575000
TISPERSE MB-58 see: DL7000000
TISPERSE MB-2X see: ST2100000
TITAANTETRACHLORIDE (Dutch) see: XR1925000
TITAFRANCE see: XR2275000
TITANATE see: XR1702000

XR1500000 TITANATE(2-), HEXAFLUORO-, DIAMMONIUM
UPDT:7908 CAS: 16962-40-6 MW: 193.96 MOLFM: F6-Ti .H4-N2

BEST COPY

SYN: AMMONIUM HEXAFLUOROTITANATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#00134
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TITANDIOXID (Swedish) see: XR2275000
TITANE (TETRACHLORURE DE) (French) see: XR1925000

XR1575000 TITANIC ACID, LEAD SALT
UPDT:7901 MW: 303.09 MOLFM: O3-Ti .Pb
SYN: LEAD TITANATE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:2000 mg/kg IMSUAI 31,302,62
REVIEW AND REFERENCES:
★ TLV-TWA 0.15 mg(Pb)/m3;STEL 0.45 mg(Pb)/m3 DTLVS* 4,243,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(Pb)/m3 FEREAC 43,53007,78
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC LEAD recm std-air:TWA 0.10 mg(Pb)/m3 NTIS**

XR1585000 TITANIC ACID, TETRABUTYL ESTER
UPDT:8303 CAS: 5593-70-4 MW: 340.42 MOLFM: C16-H36-O4 .Ti
SYN: BUTYL TITANATE * TETRABUTYLTITANATE (Czech) * TYZOR TBT
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3122 mg/kg MarJV# 29MAR77
* ivn-mus LD50:180 mg/kg CSLNX* NX#01650
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TITANIO (TETRACLORURO DI) (Italian) see: XR1925000

XR1700000 TITANIUM (dry powder)
UPDT:8408 CAS: 7440-32-6 MW: 47.90 MOLFM: Ti
SYN: CONTIMET 30 * C.P. TITANIUM * IMI 115 * NCI-C04251 * OREMET * T 40 * TITANIUM 50A * TITANIUM ALLOY * TITANIUM METAL POWDER, DRY * TITANIUM METAL POWDER, DRY (DOT) * UN 2546 (DOT) * VT 1
TUMORIGENIC DATA AND REFERENCES:
3V03P62V10 ims-rat TDLo:114 mg/kg/77W-I NCIUS* PH 43-64-886,JUL,68
3V03P62V10 ims-rat TD :360 mg/kg/69W-I NCIUS* PH 43-64-886,AUG,69
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XR1701000 TITANIUM, powder dry or with less than 20% water (DOT)
UPDT:8308 CAS: 7440-32-6 MW: 47.90 MOLFM: Ti
SYN: UN 2546 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XR1701200 TITANIUM, powder wet with 20% or more water (DOT)
UPDT:8308 MW: 47.90 MOLFM: Ti
SYN: UN 1352 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82

XR1702000 TITANIUM (wet powder)
UPDT:8401 CAS: 7440-32-6 MW: 47.90 MOLFM: Ti
SYN: TITANATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T35 orl-rat TDLo:158 mg/kg (MGN) AEHLAU 23,102,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TITANIUM 50A see: XR1700000
TITANIUM ACETONYL ACETONATE see: XR2330000
TITANIUM ALLOY see: XR1700000
TITANIUM compd. with BERYLLIUM (1:12) see: DS5030000
TITANIUM CHLORIDE see: XR1925000

XR1924000 TITANIUM CHLORIDE
UPDT:8312 CAS: 7705-07-9 MW: 154.25 MOLFM: Cl3-Ti
SYN: TAC 121 * TAC 131 * TITANIUM(III) CHLORIDE * TITANIUM TRICHLORIDE * TITANIUM TRICHLORIDE, pyrophoric (DOT) * TITANOUS CHLORIDE * TRICHLOROTITANIUM * UN 2441 (DOT)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 itt-rat TDLo:12341 ug/kg (1D male) JRPFA4 7,21,64
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE, CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XR1925000 TITANIUM CHLORIDE (TiCl4)
UPDT:8408 CAS: 7550-45-0 MW: 189.70 MOLFM: Cl4-Ti
SYN: TETRACHLORURE DE TITANE (French) * TITAANTETRACHLORIDE (Dutch) * TITANE (TETRACHLORURE DE) (French) * TITANIO (TETRACLORURO DI) (Italian) * TITANIUM CHLORIDE * TITANIUM TETRACHLORIDE * TITANIUM TETRACHLORIDE (DOT) * TITANTETRACHLORID (German) * UN 1838 (DOT)
TOXICITY DATA AND REFERENCES:
1J16 ihl-rat LC50:460 mg/m3/4H TOXID9 1,76,81
* ihl-mus LC50:100 mg/m3/2H 85GMAT -,111,82
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TITANIUM(III) CHLORIDE see: XR1924000

XR1926200 TITANIUM CHLORIDE, mixtures, non-pyrophoric
UPDT:8312
SYN: TITANIUM TRICHLORIDE MIXTURES, non-pyrophoric (DOT) * UN 2869 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83

XR1926300 TITANIUM CHLORIDE, mixtures, pyrophoric
UPDT:8312
SYN: TITANIUM TRICHLORIDE MIXTURES, pyrophoric (DOT) * UN 2441 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE, CORROSIVE CFRGBR 49,1. . 102,83

XR1926400 TITANIUM CHLORIDE, mixt. with TRICHLOROOXOVANADIUM
UPDT:8308 MW: 362.99 MOLFM: Cl4-Ti Cl3-O-V
SYN: NA 2443 (DOT) * VANADIUM OXYTRICHLORIDE and TITANIUM TETRACHLORIDE mixture (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

XR1928000 TITANIUM(IV), DIBROMO(1-PHENYL-1,3-BUTANEDIONATO)-, (Z)-
UPDT:8305 MW: 534.14 MOLFM: C20-H22-Br2-O4-Ti
SYN: cis-DIBROMOBIS(1-PHENYL-1,3-BUTANEDIONATO)TITANIUM(IV) * Ti(BZAC)2-Br2
TOXICITY DATA AND REFERENCES:
1V30 ipr-rat LD50:160 mg/kg ARZNAD 32,806,82

TITANIUM, DICHLOROBIS(eta(sup 5)-2,4-CYCLOPENTADIEN-1-YL- (9CI) see: XR2050000

XR2050000 TITANIUM, DICHLORO-DI-pi-CYCLOPENTADIENYL-
UPDT:8412 CAS: 1271-19-8 MW: 249.00 MOLFM: C10-H10-Cl2-Ti
SYN: DICYCLOPENTADIENYLTITANIUM DICHLORIDE * DICHLOROBIS(eta(sup 5)-2,4-CYCLOPENTADIEN-1-YL)TITANIUM * DICHLORODICYCLOPENTADIENYLTITANIUM * DICHLORODI-pi-CYCLOPENTADIENYLTITANIUM * DICHLOROTITANOCENE * DICYCLOPENTADIENYLDICHLOROTITANIUM * NCI-C04502 * TITANIUM, DICHLOROBIS(eta(sup 5)-2,4-CYCLOPENTADIEN-1-YL- (9CI) * TITANIUM FERROCENE * TITANOCENE * TITANOCENE, DICHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate ENMUDM 5(Suppl 1),3,83
mma-sat 1 mg/plate ENMUDM 5(Suppl 1),3,83
otr-rat:emb 2960 ug/L JJIND8 67,1303,81
otr-mus:fbr 800 ug/L JJIND8 67,1303,81
otr-ham:emb 100 ug/L JJIND8 67,1303,81
TUMORIGENIC DATA AND REFERENCES:
3V02P62V10 ims-rat TDLo:720 mg/kg/2Y-I NCIUS* PH 43-64-886,JUL,68
3V02P62V10 ims-mus TDLo:75 mg/kg NCIUS* PH 43-64-886,JUL,68
3V02Q60V10 ims-rat TD :900 mg/kg/2Y-I PWPSA8 14,68,71
3V03P62V10 ims-rat TD :430 mg/kg/81W-I NCIUS* PH 43-64-886,AUG,69
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:25 mg/kg NCIUS* PH 43-64-886,JAN,65
ipr-mus LD50:60 mg/kg NCIUS* PH 43-64-886,AUG,64
* ivn-mus LD50:180 mg/kg CSLNX* NX#00774
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XR2063200 TITANIUM(IV), DICHLORO(1-PHENYL-1,3-BUTANEDIONATO)-, (Z)-
UPDT:8305 MW: 445.22 MOLFM: C20-H22-Cl2-O4-Ti
SYN: cis-DICHLOROBIS(1-PHENYL-1,3-BUTANEDIONATO)TITANIUM(IV) * Ti(BZAC)2-Cl2
TOXICITY DATA AND REFERENCES:
1V30 ipr-rat LD50:160 mg/kg ARZNAD 32,806,82

XR2075000 TITANIUM, DI-pi-CYCLOPENTADIENYL-
UPDT:8303 CAS: 1271-29-0 MW: 178.10 MOLFM: C10-H10-Ti
SYN: TITANOCENE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 ims-mus TDLo:75 mg/kg NCIUS* PH 43-64-886,SEPT,65
2V03R60 ims-mus TD :150 mg/kg NCIUS* PH 43-64-886,SEPT,65
TOXICITY DATA AND REFERENCES:
ims-rat LDLo:50 mg/kg NCIUS* PH-43-64-886
ims-ham LDLo:83 mg/kg NCIUS* PH-43-64-886
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XR2080000 TITANIUM(IV), DIFLUOROBIS(1-PHENYL-1,3-BUTANEDIONATO)-, (Z)-
UPDT:8305 MW: 412.32 MOLFM: C20-H22-F2-O4-Ti
SYN: cis-DIFLUOROBIS(1-PHENYL-1,3-BUTANEDIONATO)TITANIUM(IV) * Ti(BZAC)2-F2
TOXICITY DATA AND REFERENCES:
1V30 ipr-rat LD50:160 mg/kg ARZNAD 32,806,82

TITANIUM DIOXIDE see: XR2275000
TITANIUM FERROCENE see: XR2050000

XR2110000 TITANIUM HYDRIDE
UPDT:8312 CAS: 11140-68-4
SYN: TITANIUM HYDRIDE (DOT) * UN 1871 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.102,83

TITANIUM HYDRIDE (DOT) see: XR2110000
TITANIUM METAL POWDER, DRY see: XR1700000
TITANIUM METAL POWDER, DRY (DOT) see: XR1700000
TITANIUM NICKEL OXIDE see: QS0635000

XR2275000 TITANIUM OXIDE
UPDT:8412 CAS: 13463-67-7 MW: 79.90 MOLFM: O2-Ti
SYN: A-FIL CREAM * ATLAS WHITE TITANIUM DIOXIDE * AUSTIOX * BAYERITIAN * BAYERTITAN * BAYTITAN * CALCOTONE WHITE T * C.I. 77891 * C.I. PIGMENT WHITE 6 * COSMETIC WHITE C47-5175 * COSMETIC WHITE C47-9623 * C-WEISS 7 (German) * FLAMENCO * HOMBITAN * HORSE HEAD A-410 * HORSE HEAD A-420 * HORSE HEAD R-710 * KH 360 * KRONOS * KRONOS TITANIUM DIOXIDE * LEVANOX WHITE RKB * NCI-C04240 * RAYOX * RUNA RH20 * RUTILE * TIOFINE * TIONA T.D. * TIOXIDE * TIPAQUE * TI-PURE * TITAFRANCE * TITANDIOXID (Swedish) * TITANIUM DIOXIDE * TITANOX * TITANOX 2010 * TRIOXIDE(S) * TRONOX * UNITANE O-110 * UNITANE O-220 * UNITANE OR-150 * UNITANE OR-340 * UNITANE OR-342 * UNITANE OR-350 * UNITANE OR-540 * UNITANE OR-640 * 1700 WHITE * ZOPAQUE
IRRITATION DATA AND REFERENCES:
skn-hmn 300 ug/3D-I MLD 85DKA8 -,127,77
TUMORIGENIC DATA AND REFERENCES:
3V02P62V10 ims-rat TDLo:360 mg/kg/2Y-I NCIUS* PH 43-64-886,JUL,68
3V03P62V10 ims-rat TD :260 mg/kg/84W-I NCIUS* PH 43-64-886,AUG,69
REVIEW AND REFERENCES:
★ TLV-TWA 10 mg(Ti)/m3; STEL 20 mg(Ti)/m3 DTLVS* 4,399,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 15 mg/m3 (SCP-O) FEREAC 39,23540,74
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-97,79)
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S385
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1083-0497
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TITANIUM OXIDE BIS(ACETYLACETONATE) see: XR2330000

XR2330000 TITANIUM, OXOBIS(2,4-PENTANEDIONATO)-
UPDT:8401 CAS: 14024-64-7 MW: 262.14 MOLFM: C10-H14-O5-Ti
SYN: BIS(ACETYLACETONATO)TITANIUM OXIDE * BIS(2,4-PENTANEDIONATO)TITANIUM OXIDE * TITANIUM ACETONYL ACETONATE * TITANIUM OXIDE BIS(ACETYLACETONATE) * TITANIUM, OXOBIS(2,4-PENTANEDIONATO-O,O') * TITANYL BIS(ACETYLACETONATE)
TUMORIGENIC DATA AND REFERENCES:
3V03P62V10 ims-rat TDLo:360 mg/kg/69W-I NCIUS* PH 43-64-886,AUG,69

2V03V10 ims-rat TD :2025 mg/kg/34W-I NCIUS* PH 43-64-886,DEC,68

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:650 mg/kg NCIUS* PH 43-64-886,JUL,68

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TITANIUM, OXOBIS(2,4-PENTANEDIONATO-O,O') see: XR2330000
TITANIUM POTASSIUM FLUORIDE see: TT1575000

XR2500000 TITANIUM SULFATE (solution)
UPDT:8308 CAS: 13825-74-6 MW: 159.96 MOLFM: O5-S-Ti
SYN: NA 1760 (DOT) * TITANIUM SULFATE, solution containing not more than 45% SULFURIC ACID (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TITANIUM SULFATE, solution containing not more than 45% SULFURIC ACID (DOT) see: XR2500000
TITANIUM TETRACHLORIDE see: XR1925000
TITANIUM TETRACHLORIDE (DOT) see: XR1925000
TITANIUM TETRAPROPOXIDE see: UH8840000
TITANIUM TETRAPROPYLATE see: UH8840000
TITANIUM TRICHLORIDE see: XR1924000
TITANIUM TRICHLORIDE, pyrophoric (DOT) see: XR1924000
TITANIUM TRICHLORIDE MIXTURES, non-pyrophoric (DOT) see: XR1926200
TITANIUM TRICHLORIDE MIXTURES, pyrophoric (DOT) see: XR1926300
TITANOCENE see: XR2050000
TITANOCENE see: XR2075000
TITANOCENE, DICHLORIDE see: Xh2050000
TITANOUS CHLORIDE see: XR1924000
TITANOX see: XR2275000
TITANOX 2010 see: XR2275000
TITANTETRACHLORID (German) see: XR1925000
TITANYL BIS(ACETYLACETONATE) see: XR2330000
TITAPAT EXTRACT (Indian) see: GM1953000
TITAPATTA EXTRACT (Indian) see: GM1950000
TITAVI (Indian) see: EX6653000
TITE-CHAP STEM BARK EXTRACT (Indian) see: PY2745000
TITRIPLEX see: AH4025000
TITRIPLEX I see: AJ0175000
TITRIPLEX III see: AH4375000
TIURAM see: JO1225000
TIURAM (Polish) see: JO1400000
TIURAMYL see: JO1400000
TIUROLAN see: YS4250000
TIXANTONE see: XO1605800
TIXOTON see: CT9450000
TIZIDE see: NS1750000
Ti14K8 see: YO7700000
TJB see: JJ9800000
TK 1000 see: KV0350000
TK-5477 see: XI4100000
TKB see: JK0175000
T. KIRTLANDI VENOM see: YX4457000
TL 55 see: CH4200000
TL 59 see: CG9625000
TL 61 see: CG8400000
TL 63 see: WR3850000
TL 64 see: HN6200000
TL 65 see: HN6300000
TL 66 see: CH4725000
TL 68 see: CH5075000
TL 69 see: CH5425000
TL 70 see: WS4480000
TL 75 see: TH3850000
TL 78 see: MO1740000
TL 80 see: EM4550000
TL 88 see: CH7260000
TL 102 see: KX4025000
TL 113 see: CH8925000
TL 114 see: CG9275000
TL 115 see: KX4025000
TL 125 see: KX4025000
TL 126 see: KX4025000
TL 145 see: YE2625000
TL 146 see: IA1750000
TL 151 see: TH3780000
TL 152 see: XN2990000
TL 154 see: EZ2100000
TL 156 see: CG5775000
TL 164 see: CG7700000
TL 184 see: CG8500000
TL 189 see: LT2800000
TL 190 see: VV9800000
TL 191 see: TH4897500
TL 192 see: KH7700000
TL 206 see: TH3750000
TL 209 see: CG8925000
TL 212 see: WI4900000
TL 214 see: CH3500000
TL 228 see: CH3550000
TL 229 see: CH3600000
TL 230 see: CH4550000
TL 231 see: CH3675000
TL 262 see: XN2930000
TL 263 see: XN2985000
TL 264 see: VS6870000
TL 289 see: CG9800000
TL 294 see: CH4375000
TL 295 see: CH5600000
TL 296 see: CG6825000
TL 297 see: CH8150000
TL 314 see: AT5250000
TL 331 see: XN2980000
TL 337 see: KX5075000
TL 339 see: CG8500000
TL 350 see: EM8050000
TL 365 see: WJ1575000
TL 368 see: CH8225000
TL 373 see: TB2465000
TL 376 see: CH1925000
TL 382 see: CH2800000
TL 385 see: ED3150000
TL 389 see: FD4200000
TL 405 see: CH1400000
TL 423 see: LQ6125000
TL 425 see: CH6350000
TL 426 see: CH0420000
TL 428 see: CG7875000
TL 429 see: TD4400000
TL 438 see: FG3675000
TL 457 see: GA0875000
TL 466 see: TE5075000
TL 467 see: CH5950000
TL 472 see: SP7000000
TL 476 see: BW8225000
TL 478 see: EZ1275000
TL 482 see: CH6825000
TL 484 see: CG7350000
TL 485 see: CH2625000
TL 486 see: CG8575000
TL 487 see: CG8750000
TL 489 see: CH3150000
TL 525 see: UH9875000
TL 792 see: TD4025000
TL 822 see: GT2100000
TL 833 see: KL1925000
TL 856 see: KL1750000
TL 869 see: AH9100000
TL 898 see: OV9100000
TL 909 see: CH0435000
TL 960 see: FG2625000
TL 1026 see: EV0525000
TL 1070 see: EV0875000
TL-1071 see: BR6300000
TL-1097 see: BR4550000
TL 1091 see: QR6650000
TL 1139 see: ED3000000
TL 1163 see: VV2710000
TL 1182 see: EV2100000
TL 1217 see: BR1840000
TL-1218 see: FC7750000
TL-1226 see: BR3200000
TL 1312 see: AE2975000
TL-1323 see: BR2030000
TL-1394 see: CY1225000
TL 1428 see: KK1575000
TL 1450 see: NQ9450000
TL-1452 see: CH9920000
TL-1479 see: CH9910000
TL 1483 see: OO1100000
TL 1503 see: CH9800000
TL-1504 see: CH9900000
TL 1505 see: FZ9800000
TL 1578 see: TB4550000
TL 1618 see: TA8400000
TL-1934 see: FC7565000
TLA see: AF7400000
TL-AZOLE see: WO9100000
TLCK see: XT5150000
TLCK HYDROCHLORIDE see: XT5160000
TLD 100 see: OJ6125000
TL4N see: ID5950000
TLP-607 see: TN6957000
TL-R see: KX4025000
TL-V see: KX4025000
TM see: PA0875000
TM 30 see: FF5800000
TM 723 see: KH2570000
TM-4049 see: WM8400000
TM 12009 see: TD9800000
TMA see: DC1980000
TMA see: DC2050000
TMA see: PA0350000
TMAC see: CM6785000
TMAN see: DC2050000
TMAT see: XZ2710000
TMB see: OX6825000
TMB see: DV2300000
TMB-4 see: UU7525000
7,8,12-TMBA see: CX4550000
TMB-4 DIBROMIDE see: UU7525000
TMB-4 DICHLORIDE see: UU7700000
TMC see: DJ3100900
TMCA see: GD6850000
TMCA see: GH0845000
TMCA see: GH0960000
TMCA METHYL ETHER see: GH0785000
TMDE 6500 see: WL6475000
TMEDA see: KV7175000
TMETB see: TY4960000
TML see: TP4725000
TMM see: OP0480000
(D-TMO(sup 6))-LHRH see: OK6745000
(D-TMO(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6745000
TMP see: TC8225000
TMPEA see: SI2625000
TMPH see: BR3500000
(D-TMP(sup 6))-LHRH see: OK6747000
(D-TMP(sup 6))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6747000
TMPTA see: AT4810000
TMS 480 see: UV8240000
TMSM see: OP3605000
TMSN see: WN4025000
TMT see: GZ2710000
TMTD see: JO1400000
TMTDS see: JO1400000
TMTM see: WQ1750000

BEST COP

TMTMS see: WQ1750000
TMTU see: YU2750000
TMU see: YU2625000
TMV-4 see: UU7525000
T-2 MYCOTOXIN see: YD0100000
TNB see: DC3850000
TNCS 53 see: GL8800000
TNG see: QX2100000
TNK 2G5 see: TQ9800000
TNM see: PB4025000
TNT see: XU0175000
TNT see: XU0180000
alpha-TNT see: XU0175000
alpha-TNT see: XU0180000
TNT-ARQUAD COMPLEX see: CF6778500
TNTAZB see: DC1955000
TNT-DUOMEEN COMPLEX see: JV2695000
TNT-DUOQUAD T 50 COMPLEX see: JV2870000
alpha-TNT mixed with RDX see: XU0183500
TNT-TOLITE (French) see: XU0175000
TO 125 see: VO0720000
TOA BLA-5 see: EC4900000
TOABOND 2 see: AK0920000
TOABOND 40H see: AK0920000
TOABOND 6 see: AK0920000
TOBACCO see: XR7357200
TOBACCO, BURLEY see: XR7355000

XR7355000 TOBACCO LEAF ABSOLUTE
UPDT:8401 CAS: 8037-19-2
SYN: BURLEY TOBACCO * TOBACCO, BURLEY
IRRITATION DATA AND REFERENCES:
skn-gpg 100% MLD FCTXAV 16,875,78
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:31 gm/kg/40W-I CNREA8 28,2363,68
STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 31, 1979
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XR7357000 TOBACCO LEAF, NICOTIANA GLAUCA
UPDT:8412
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-pig TDLo:18260 mg/kg (43-53D preg) TJADAB 30,61,84
1T43 orl-pig TDLo:26560 mg/kg (30-45D preg) TJADAB 30,61,84
1T46 orl-ctl TDLo:18200 mg/kg (50-75D preg) COVEAZ 71,47,81
STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 31, 1979
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XR7357200 TOBACCO LEAF, NICOTIANA TABACUM
UPDT:8408
SYN: BURLEY TOBACCO * NICOTIANA TABACUM * TOBACCO
MUTATION DATA AND REFERENCES:
mnt-mus-ipr 20 mg/kg CRNGDP 5,501,84
msc-ham:lng 10 mg/L CRNGDP 5,501,84
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-pig TDLo:1680 mg/kg (11-52D preg) AJVRAH 35,1071,74
STATUS:
★ NIOSH CURRENT INTELLIGENCE BULLETIN 31, 1979
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TOBACCO REFINED TAR see: WW8449500
TOBACCO SMOKE CONDENSATE see: VX6615000
TOBACCO SUCKER CONTROL AGENT 148 see: HE4600000
TOBACCO SUCKER CONTROL AGENT 148 see: RH6560000
TOBACCO SUCKER CONTROL AGENT 504 see: RH6560000
TOBACCO TAR see: WW8449500
TOBACCO TAR see: VX6615000
TOBACCO WOOD see: MG8325000
TOBRA see: WK2110000
TOBRADISTIN see: WK2100000
TOBRAMYCIN see: WK2100000
TOBRAMYCIN SULPHATE see: WK2110000
TOBREX see: WK2100000
TOCE see: RP6300000
TOCEN see: RP6300000
TOCHERGAMINE see: AB7420000
TOCOFEROL 2-(p-CHLOROPHENOXY)-2-METHYLPROPIONATE see: UA2458000
TOCOFIBRATE see: UA2458000
TOCOFIBRATO (Spanish) see: UA2458000
TOCOPHEREX see: GP8588000
alpha-TOCOPHEROL see: DJ2900000
d-alpha-TOCOPHEROL see: DJ2900000
(R,R,R)-alpha-TOCOPHEROL see: DJ2900000
(2R,4'R,8'R)-alpha-TOCOPHEROL see: DJ2900000
alpha-TOCOPHEROL ACETATE see: GP8588000
(+)-alpha-TOCOPHEROL ACETATE see: GP8588000
d-alpha-TOCOPHEROL ACETATE see: GP8588000
dl-alpha-TOCOPHEROL QUINONE see: DK5171000
alpha-TOCOPHERYL ACETATE see: GP8588000
(+)-alpha-TOCOPHERYL ACETATE see: GP8588000
d-alpha-TOCOPHERYL ACETATE see: GP8588000
(R,R,R)-alpha-TOCOPHERYL ACETATE see: GP8588000
(2R,4'R,8'R)-alpha-TOCOPHERYL ACETATE see: GP8588000
TOCOPHRIN see: GP8588000
TOCP see: TD0350000
TOCRYL C 440 see: KV0350000
TODALGIL see: UQ8225000

XR8244000 TODDALIA ASIATICA Lamk. var. GRACILIS Gamble, extract excluding roots
DEF: Indian plant belonging to the family RUTACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:250 mg/kg IJEBA6 15,208,77

TODRALAZINE HYDROCHLORIDE HYDRATE see: FE2778500
TOF see: MP0770000
TOFAXIN see: GP8588000
TOFENACINE HYDROCHLORIDE see: KR9100000
TOFENACIN HYDROCHLORIDE see: KR9100000
TOFK see: TD0350000
TOFRANIL see: HO1575000
TOFRANIL see: HO1925000
TOFURON see: AS3500000
TOIN see: MU1050000
N-TOIN see: MU2800000
TOIN UNICELLES see: MU1050000
TOK see: KN8400000
TOK-2 see: KN8400000
TOKAMINA see: DO2625000
TOK E see: KN8400000
TOK E-25 see: KN8400000
TOK E 40 see: KN8400000
TOKEROL see: TZ1225000
TOKIOCILLIN see: XH8350000
TOKKORN see: KN8400000
TOKOFEROL ACETATE see: GP8588000
TOKOKIN see: KG8575000
TOKOPHARM see: DJ2900000
TOKSOBIDIN see: UU6825000
TOKUNOL M see: TB5100000
TOKUTHION see: TD5680000
TOKUTHION OXON see: TF0370000
TOK WP-50 see: KN8400000
TOKYO ANILINE BRILLIANT GREEN see: BP6825000
2,4-TOLAMINE see: XS9625000
TOLAPIN see: VC3543500
TOLANSIN see: TZ1225000
TOLAX see: TZ1225000
TOLAZAMIDE see: YT4400000
TOLAZOLINE see: NJ1925000
TOLAZUL see: SG1225000
TOLBAN see: XU5785000
TOLBART see: TZ1225000
TOLBUSAL see: YS4550000
TOLBUTAMID see: YS4550000
TOLBUTAMIDE see: YS4550000
TOLCAINE HYDROCHLORIDE see: UY1229000
TOLCASONE see: DK8925000
TOLCICLATE see: FD3920000
TOLCIL see: TZ1225000
TOLCLOFOS-METHYL see: TF0460000
TOLCYCLAMIDE see: YS7800000
TOLCYCLAMIDE K 38 see: YS7800000
TOLECTIN see: UX9290000
TOLERON see: LT1950000
TOLFENAMIC ACID see: CB2687500
TOLFERAIN see: LT1950000
TOLHART see: TZ1225000
TOLHEXAMIDE see: YS7800000
2-TOLIDIN (German) see: DD1225000
2-TOLIDINA (Italian) see: DD1225000
o-TOLIDIN see: DD1225000
TOLIDINE see: DD1225000
o-TOLIDINE see: DD1225000
o,o'-TOLIDINE see: DD1225000
2-TOLIDINE see: DD1225000
3,3'-TOLIDINE see: DD1225000
TOLIFER see: LT1950000
TOLINASE see: YT4400000
TOLIPROLOL see: UB7578500
TOLIPROLOL, HYDROCHLORIDE see: UB7600000
TOLIT see: XU0175000
TOLIT see: XU0180000
TOLITE see: XU0175000
TOLITE see: XU0180000
TOLIVALIN see: AR9660000
TOLKAN see: YT0170000
TOLKEN see: YT0170000
TOLL see: TG0175000
TOLMETIN SODIUM see: UX9290000
TOLOFREN see: TZ1225000
TOLMETIN see: UX9287000
TOLMETINE see: UX9287000
TOLMICEN see: FD9320000
TOLOMOL see: XH8350000
TOLONIUM CHLORIDE see: SG1225000
TOLOSATE see: TZ1225000
(-)-1-(o-TOLOSSI-3-(2,2,5,5-TETRAMETIL-PIRROLIDIN-1-IL)-PROPAN-2-OLO CLORIDRATO (Italian) see: UY1229000
3-o-TOLOXY-2-HYDROXYPROPYL 1-CARBAMATE see: FB2710000
TOLOXYN see: TZ1225000
3-o-TOLOXY-1,2-PROPANEDIOL see: TZ1225000
3-o-TOLOXY-1,2-PROPANEDIOL 1-CARBAMIC ACID ESTER see: FB2710000
TOLPERISONE see: UH1575000
TOLPERISONE HYDROCHLORIDE see: UH1575500
TOLPRONINE HYDROCHLORIDE see: UB8610000
TOLSERAM see: FB2710000
TOLSEROL see: TZ1225000
TOLSERON see: TY8400000
TOLSERON see: TZ1225000
TOLSIL see: TZ1225000
TOLSIN see: TZ1225000
TOLU see: CP2355000

XS3370000 TOLUALDEHYDE
UPDT:8305 CAS: 1334-78-7 MW: 120.16 MOLFM: C8-H8-O
SYN: BENZALDEHYDE, METHYL- * TOLUENECARBOXALDEHYDE * TOLYL ALDEHYDE * VHR X
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 14,885,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2250 mg/kg FCTXAV 14,885,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

alpha-TOLUALDEHYDE see: CY1420000
TOLUALDEHYDE GLYCERYL ACETAL see: JH2287500
alpha-TOLUALDEHYDE, alpha-METHYL- see: CY1460000

XS3590700 m-TOLUAMIDE, N-ALLYL-2-(ALLYLOXY)-5-AMINO-, HYDROCHLORIDE
UPDT:8305 CAS: 59582-65-9 MW: 282.80 MOLFM: C14-H18-N2-O2 Cl-H
SYN: N-ALLYL-2-(ALLYLOXY)-5-AMINO-m-TOLUAMIDE HYDROCHLORIDE * BENZAMIDE, 5-AMINO-3-METHYL-N-2-PROPENYL-2-(2-PROPENYLOXY)-, MONOHYDROCHLORIDE (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:296 mg/kg BCFAAI 115,125,76

XS3590900 m-TOLUAMIDE, 2-(ALLYLOXY)-5-AMINO-N-PROPYL-, HYDROCHLORIDE
UPDT:8309 CAS: 30509-93-4 MW: 298.85 MOLFM: C15-H22-N2-O2 Cl-H
SYN: 2-(ALLYLOXY)-5-AMINO-N-PROPYL-m-TOLUAMIDE HYDROCHLORIDE * BENZAMIDE, 5-AMINO-3-METHYL-2-(2-PROPENYLOXY)-N-PROPYL-, MONOHYDROCHLORIDE (9CI)

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:327 mg/kg	BCFAAI 115,125,76

XS3600000 o-TOLUAMIDE, 3-AMINO-5-NITRO-
UPDT:8405 CAS: 3572-44-9 MW: 195.20 MOLFM: C8-H9-N3-O3
SYN: 3-AMINO-2-METHYL-5-NITROBENZAMIDE * 3-AMINO-5-NITRO-o-TOLUAMIDE * ANOT

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:5000 mg/kg	PCOC** -,51,66

XS3604000 p-TOLUAMIDE, N-ANTIPYRINYL-3-IODO-
UPDT:8303 MW: 447.30 MOLFM: C19-H18-I-N3-O2
SYN: N-ANTIPYRINYL-3-IODO-p-TOLUAMIDE

TOXICITY DATA AND REFERENCES:

1Y55	ipr-mus LD50:2480 mg/kg	PCJOAU 16,51,82

XS3675000 m-TOLUAMIDE, N,N-DIETHYL-
UPDT:8403 CAS: 134-62-3 MW: 191.30 MOLFM: C12-H17-N-O
SYN: AI 3-22542 * AUTAN * BAKER'S ANTIFOL * BENZAMIDE, N,N-DIETHYL-3-METHYL- * CHEMFORM * DEET * DELPHENE * m-DELPHENE * DET * DETA * m-DETA * DETA 20 * DETAMIDE * DIELTAMID * N,N-DIETHYL-3-METHYLBENZAMIDE * DIETHYLTOLUAMIDE * DIETHYL-m-TOLUAMIDE * N,N-DIETHYL-m-TOLUAMIDE * ENT 20,218 * ENT 22542 * M-DET * FLYPEL * MeTADELPHENE * 3-METHYL-N,N-DIETHYLBENZAMIDE * MGK DIETHYLTOLUAMIDE * NAUGATUCK DET * OFF * REPEL * REPPER-DET * REPUDIN-SPECIAL * m-TOLUIC ACID DIETHYLAMIDE

IRRITATION DATA AND REFERENCES:

	skn-rbt [illegible] mg MOD	NTIS** AD-A106-944
	eye-rbt [illegible] mg	NTIS** AD-A107-736

MUTATION DATA AND REFERENCES:

	spm-rat-ihl 1500 mg/m3	AEHA** 75-51-0034-80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T75	skn-rat TDLo:19 gm/kg (1-19D preg)	FATOAO 38,202,75

TOXICITY DATA AND REFERENCES:

1R03	skn-hmn TDLo:35 mg/kg/5D	TXAPA9 1,97,59
	orl-rat LD50:1950 mg/kg	SPEADM 74-1,-,74
	ihl-rat LC50:5950 mg/m3	AEHA** 75-51-0034-80
	skn-rat LD50:5000 mg/kg	MPPBAB 45,65,76
2J07Y53	orl-rbt LD50:1584 mg/kg	NTIS** AD-A082-131
*	skn-rbt LD50:3180 mg/kg	TXAPA9 28,313,74
	ivn-rbt LDLo:75 mg/kg	TXAPA9 1,97,59

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XS4039000 p-TOLUAMIDE, N-(alpha-(3-(DIMETHYLAMINO)PROPYL)BENZYL) , HYDROCHLORIDE
UPDT:8303 MW: 346.94 MOLFM: C20-H26-N2-O Cl-H
SYN: N-(alpha-(3-(DIMETHYLAMINO)PROPYL)BENZYL) p-TOLUAMIDE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:201 mg/kg	PCJOAU 15,725,81
*	ivn-mus LD50:133 mg/kg	PCJOAU 15,725,81

XS4200000 o-TOLUAMIDE, 3,5-DINITRO-
UPDT:8201 CAS: 148-01-6 MW: 225.18 MOLFM: C8-H7-N3-O5
SYN: BENZAMIDE, 2-METHYL-3,5-DINITRO- * COCCIDINE A * COCCIDOT * DINITOLMID * DINITOLMIDE * 3,5-DINITRO-o-TOLUAMIDE * D.O.T. * 2-METHYL-3,5-DINITROBENZAMIDE * ZOALENE * ZOAMIX

MUTATION DATA AND REFERENCES:

	mmo-sat 500 ug/plate	MUREAV 77,21,80
	mma-sat 500 ug/plate	MUREAV 77,21,80
	mmo-esc 500 ug/plate	MUREAV 77,21,80
	mma-esc 500 ug/plate	MUREAV 77,21,80
	mrc-bcs 1 mg/disc	MUREAV 77,21,80

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:600 mg/kg	29ZVAB -,537,69
	ivn-dog LD50:75 mg/kg	PCOC** -,1252,66

REVIEW AND REFERENCES:

★ TLV-TWA 5 mg/m3; STEL 10 mg/m3 DTLVS* 4,153,80

p-TOLUAMIDE, N-ISOPROPYL-alpha-(METHYLAZO)- see: XS4375000

XS4375000 p-TOLUAMIDE, N-ISOPROPYL-alpha-(2-METHYLAZO)-
UPDT:8401 CAS: 2235-5?-8 MW: 219.32 MOLFM: C12-H17-N3-O
SYN: AZO-NATULAN * BENZAMIDE, 4-((METHYLAZO)METHYL)-N-(1-METHYLETHYL)- * N-ISOPROPYL-alpha-(2-METHYLAZO)-p-TOLUAMIDE * p-TOLUAMIDE, N-ISOPROPYL-alpha-(METHYLAZO)-

TUMORIGENIC DATA AND REFERENCES:

3V02J60P61	orl-mus TDLo:2800 mg/kg/8W-I	JNCIAM 42,337,69

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XS4550000 p-TOLUAMIDE, N-ISOPROPYL-alpha-(2-METHYLHYDRAZINO)-
UPDT:8408 CAS: 671-16-9 MW: 221.34 MOLFM: C12-H19-N3-O
SYN: BENZAMIDE, N-(1-METHYLETHYL)-4-((2-METHYLHYDRAZINO)METHYL)- (9CI) * IBENZMETHYZINE * 2-(p-ISOPROPYLCARBAMOYLBENZYL)-1-METHYLHYDRAZINE * N-ISOPROPYL-alpha-(2-METHYLHYDRAZINO)-p-TOLUAMIDE * MATULANE * 4-((2-METHYLHYDRAZINO)METHYL)-N-ISOPROPYLBENZAMIDE * 1-METHYL-2-(p-(ISOPROPYLCARBAMOYL)BENZYL)HYDRAZINE * MIH * NATULAN * NSC-77213 * PCB * PROCARBAZIN (German) * PROCARBAZINE * RO 4-6467

MUTATION DATA AND REFERENCES:

	mmo-sat 30 gm/L	MUREAV 67,189,79
	mma-sat 5 mmol/L	CRNGDP 4,449,83
	dnr-esc 250 mg/L	JJIND8 62,873,79
	dnd-esc 2500 mg/L	BBACAQ 281,507,72
	slt-dmg-unk 45 mmol/L	MUREAV 120,233,83
	cyt-dmg-unk 20 mmol/L	MUREAV 74,77,80
	sln-dmg-unk 500 umol/L	MUREAV 74,77,80
	sln-dmg-orl 10 mmol/L	ENMUDM 2,515,80
	dlt-dmg-unk 20 mmol/L	MUREAV 74,77,80
	mmo-smc 12 gm/L	BSIBAC 56,1322,80
	mrc-smc 1 pph	JJIND8 62,901,79
	mmo-asn 10 mg/plate	MUREAV 80,265,81
	slt-mus-ipr 20 mg/kg	SCIEAS 209,299,80
	dnd-rat-ipr 50 mg/kg	ECEBDI 47,92,79
	dni-rat-unk 135 mg/kg	JTEHD6 6,1059,80
	cyt-rat-ipr 300 mg/kg	AIPUAN 11,23,68
	cyt-rat-unk 17 mg/kg	MUREAV 113,239,83
	mnt-mus-unk 15 mg/kg	MUREAV 74,77,80
	mnt-mus-ipr 900 ug/kg	ARZNAD 29,1871,79
	mma-mus:lym 300 ug/L/4H	MUREAV 59,61,79
	slt-mus-ipr 600 mg/kg	MUREAV 46,218,77
	slt-mus-par 600 mg/kg	ARTODN 46,123,80
	slt-mus-orl 20 mg/kg	SCIEAS 209,299,80
	slt-mus-ivn 20 mg/kg	SCIEAS 209,299,80
	slt-mus-unk 10 mg/kg	EESADV 3,122,79
	dns-mus-ipr 50 mg/kg	TXCYAC 25,201,82
	cyt-mus-ipr 50 mg/kg	TCMUD8 3,321,83
	cyt-mus-unk 50 mg/kg	MUREAV 74,77,80
	sce-mus-unk 50 mg/kg	MUREAV 74,77,80
	sce-mus-ipr 50 mg/kg	MUREAV 126,47,84
	dlt-mus-ipr 200 mg/kg	MUREAV 26,285,74
	dlt-mus-unk 100 mg/kg	EESADV 3,122,79
	msc-mus-ipr 200 mg/kg	MUREAV 92,205,82
	msc-mus:lym 1 mg/L	MUREAV 125,291,84
	hma-mus/sat 125 mg/kg	JJIND8 62,911,79
	spm-mus-unk 200 mg/kg	MUREAV 55,1,78
	spm-mus-ipr 120 mg/kg	CNREA8 42,122,82
	mma-ham:lng 500 umol/L	MUREAV 74,77,80
	dnd-ham:kdy 25 gm/L	BBACAQ 281,507,72
	cyt-ham:ovr 25 mmol/L	MUREAV 74,77,80
	sce-ham-ipr 10 mg/kg	ARZNAD 29,1871,79
	sce-ham:ovr 50 umol/L	MUREAV 74,77,80
	sce-ham-unk 25 mg/kg	MUREAV 74,77,80
	sce-ham-orl 6250 ug/kg	MUREAV 113,33,83
	msc-ham:fbr 2 mg/L	ENMUDM 5,421,83
	dns-rbt-ivn 5 mg/kg	ARTODN 46,139,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T41T43T46	orl-rat TDLo:540 mg/kg (13D preg)	SEIJBO 13,93,73
3T42T50T55	orl-rat TDLo:960 mg/kg (12D preg)	SEIJBO 13,93,73
2T47T53	orl-rat TDLo:540 mg/kg (12D preg)	SEIJBO 13,93,73
1T25	orl-rat TDLo:60 mg/kg (3D preg)	SEIJBO 13,93,73
1T01	itt-rat TDLo:20 mg/kg (1D male)	EXMPA6 30,1,79
1T01	ipr-mus TDLo:53 mg/kg (1D male)	CNREA8 42,122,82
1T33	ipr-mus TDLo:10 mg/kg (16D preg)	HUGEDQ 51,183,79
2T01T23	ipr-mus TDLo:400 mg/kg (1D male)	JPETAB 181,219,72
1T91	scu-mus TDLo:20 mg/kg (12D preg)	FEPRA7 32,745,73

TUMORIGENIC DATA AND REFERENCES:

3V01K60M61	ivn-rat TDLo:1250 mg/kg/1Y-I	ARZNAD 20,1461,70
3V01T65A60	ivn-rat TDLo:125 mg/kg (22D preg)	IARCCD 4,92,73
2V02J60	ipr-mus TDLo:1200 mg/kg/4W-I	JNCIAM 59,423,77
2V03P61	orl-mky TDLo:7 gm/kg/7Y-I	CANCAR 40,1950,77

TOXICITY DATA AND REFERENCES:

	ivn-rat LD50:350 mg/kg	ARZNAD 20,1467,70
*	ipr-mus LD50:614 mg/kg	JJIND8 62,911,79

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MIMDAL 57(1),19,74; 32XPAD -,49,75; MUREAV 39,111,77; MUREAV 55,1,78; CRTXB2 2,159,73; BLFSBY 24,129,83

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XS4725000 p-TOLUAMIDE, N-ISOPROPYL-alpha-(2-METHYLHYDRAZINO)-, MONOHYDROCHLORIDE
UPDT:8412 CAS: 366-70-1 MW: 257.80 MOLFM: C12-H19-N3-O Cl-H
SYN: BENZAMIDE, N-(1-METHYLETHYL)-4-((2-METHYLHYDRAZINO)METHYL)-, MONOHYDROCHLORIDE * CHLORHYDRATE de 1-METHYL 2 p (ISOPROPYLCARBAMOYL)BENZYL-HYDRAZINE (French) * IBENZMETHYZIN HYDROCHLORIDE * IBENZMETHYZINE HYDROCHLORIDE * IBZ * 1-(p-ISOPROPYLCARBAMOYLBENZYL)-2-METHYLHYDRAZINE HYDROCHLORIDE * 2-(p-(ISOPROPYLCARBAMOYL)BENZYL)-1-METHYLHYDRAZINE HYDROCHLORIDE * N-ISOPROPYL-alpha-(2-METHYLHYDRAZINO)-p-TOLUAMIDE HYDROCHLORIDE * N-ISOPROPYL-p-(2-METHYLHYDRAZINOMETHYL)BENZAMIDE HYDROCHLORIDE * MATULANE * MBH * p-(N'-METHYLHYDRAZINOMETHYL)-N-ISOPROPYLBENZAMIDE HYDROCHLORIDE * 1-METHYL-2-p-(ISOPROPYLCARBAMYOL)BENZOHYDRAZINE HYDROCHLORIDE * 1-METHYL-2-(p-ISOPROPYLCARBAMOYLBENZYL)HYDRAZINE HYDROCHLORIDE * MIH * NATHULANE * NATULAN * NATULANAR * NATULAN HYDROCHLORIDE * NCI-C01810 * NSC-77213 * PROCARBAZIN (German) * PROCARBAZINE HYDROCHLORIDE * RO 4-6467

MUTATION DATA AND REFERENCES:

	mmo-sat 116 umol/plate	CNREA8 41,1469,81
	mma-sat 116 umol/plate	CNREA8 41,1469,81
	mma-esc 200 mg/L	CRNGDP 4,347,83
	dnr-esc 78 ug/well	ENMUDM 3,429,81
	sln-dmg-orl 130 mg/L	EVSRBT 24,977,81
	mrc-smc 17 gm/L	MUREAV 68,51,79
	mmo-asn 10 mg/plate	MUREAV 80,265,81
	otr-rat:emb 9 mg/L	JJIND8 67,1303,81
	dnd-rat-ipr 50 mg/kg	ECEBDI 47,92,79
	dns-rat-orl 135 mg/kg	MUREAV 68,275,79
	dni-rat unk 135 mg/kg	JTEHD6 6,1059,80
	mnt-mus-unk 12500 ug/kg	EESADV 3,122,79
	mnt-mus-ipr 12900 ug/kg	EVSRBT 24,977,81
	slt-mus-unk 200 mg/kg	MUREAV 74,77,80
	slt-mus-ipr 600 mg/kg	MUREAV 86,329,81
	slt-mus-unk 75 mg/kg	EVSRBT 24,977,81
	dnd-mus-ipr 1550 umol/kg	CNREA8 41,1469,81
	cyt-mus-unk 100 mg/kg	EESADV 3,122,79
	cyt-mus-ipr 160 ug/kg	EVSRBT 24,977,81
	sce-mus-ipr 800 mg/kg	JTEHD6 9,287,82
	dlt-mus-ipr 100 mg/kg	ARTODN 41,287,79
	dlt-mus-unk 100 mg/kg	MUREAV 74,77,80
	dlt-mus-unk 200 mg/kg	EVSRBT 24,977,81
	msc-mus-unk 50 mg/kg	MUREAV 74,77,80
	spm-mus-unk 200 mg/kg	MUREAV 74,77,80
	spm-mus-unk 120 mg/kg	EVSRBT 24,977,81
	spm-mus-ipr 400 mg/kg	EVSRBT 24,977,81
	slt-ham:ovr 600 mg/L	MUREAV 136,137,84
	otr-ham:emb 1 mg/L	IJCNAW 19,642,77
	sce-ham-unk 10 mg/kg	EESADV 3,122,79
	sce-ham-unk 10 mg/kg	EVSRBT 24,977,81
	msc-ham:oth 560 mg/L	EVSRBT 24,977,81
	msc-mus:lym 100 mg/L	EVSRBT 24,977,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T35T47	orl-rat TDLo:120 mg/kg (9-14D preg)	OYYAA2 6,381,72
3T25T26T42	orl-rat TDLo:60 mg/kg (1-12D preg)	CRSBAW 161,2127,67
1T27	orl-rat TDLo:120 mg/kg (1-12D preg)	CRSBAW 161,2127,67
1T41	orl-rat TDLo:40 mg/kg (12-15D preg)	TJADAB 25(2),79A,82
3T45T46T53	orl-rat TDLo:360 mg/kg (9-14D preg)	OYYAA2 6,381,72
2T02T03	orl-mus TDLo:2100 mg/kg (30D male)	OYYAA2 6,365,72
3T26T27T41	orl-mus TDLo:60 mg/kg (7-9D preg)	CRSBAW 163,16,69
3T42T43T46	orl-mus TDLo:60 mg/kg (7-9D preg)	CRSBAW 163,16,69
1T47	orl-mus TDLo:120 mg/kg (8-13D preg)	OYYAA2 6,381,72
3T35T45T53	orl-mus TDLo:360 mg/kg (8-13D preg)	OYYAA2 6,381,72
2T12T13	orl-mus TDLo:2100 mg/kg (30D pre)	OYYAA2 6,365,72
1T24	ipr-mus TDLo:200 mg/kg (1D male)	ARTODN 41,287,79
1T35	ipr-mus TDLo:100 mg/kg (1D male)	ARTODN 41,287,79
2T46T55	orl-rbt TDLo:200 mg/kg (14D preg)	CRSBAW 163,16,69

TUMORIGENIC DATA AND REFERENCES:

3V03P60R60	orl-rat TDLo:500 mg/kg	JNCIAM 40,1027,68
3V01A60P62	ipr-rat TDLo:1170 mg/kg/26W-I	NCITR* NCI-CG-TR-19,79
3V03T65A60	ivn-rat TDLo:125 mg/kg (22D preg)	ARZNAD 22,905,72
3V01J60P61	orl-mus TDLo:2 gm/kg/8W-I	JNCIAM 42,337,69
3V01A60P62	ipr-mus TDLo:2340 mg/kg/42W-I	NCITR* NCI-CG-TR-19,79
3V03P61Q60	mul-mky TDLo:3270 mg/kg/69W-I	CNREA8 38,2125,78

3V01P62R60 ipr-rat TD :4680 mg/kg/26W-I RRCRBU 52,1,75
3V02J60P62 ipr-mus TD :1950 mg/kg/26W-I RRCRBU 52,1,75
3V03P60R60 ipr-rat TD :500 mg/kg JNCIAM 40,1027,68
3V02J60P61 ipr-mus TD :1136 mg/kg/8W-I JNCIAM 42,337,69
3V01A60P62 ipr-mus TD :4680 mg/kg/52W-I NCITR* NCI-CG-TR-19,79
3V01A60P62 ipr-rat TD :2340 mg/kg/26W-I NCITR* NCI-CG-TR-19,79
TOXICITY DATA AND REFERENCES:
3D17F17J22 orl-rat LD50:570 mg/kg OYYAA2 6,355,72
* scu-rat LD50:490 mg/kg NIIRDN 6,720,82
* ivn-rat LD50:600 mg/kg IYKEDH 4,467,73
3P14P17S05 unk-rat LD50:785 mg/kg EVSRBT 24,977,81
* orl-mus LD50:560 mg/kg IYKEDH 4,467,73
* ipr-mus LD50:669 mg/kg ARTODN 41,287,79
* scu-mus LD50:710 mg/kg IYKEDH 4,467,73
* ivn-mus LD50:540 mg/kg IYKEDH 4,467,73
3P14P17S05 unk-mus LD50:1320 mg/kg EVSRBT 24,977,81
3P14P17S05 unk-rbt LD50:145 mg/kg EVSRBT 24,977,81
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 26,311,81
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 26,311,81
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (RRCRBU 52,1,75)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-19,79)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XS4805000 p-TOLUAMIDINE, MONOHYDROCHLORIDE
UPDT:8306 CAS: 6326-27-8 MW: 170.66 MOLFM: C8-H10-N2 Cl-H
SYN: BENZENE CARBOXIMIDAMIDE, 4-METHYL-, MONOHYDROCHLORIDE (9CI) * 4-METHYLBENZAMIDINE HYDROCHLORIDE * 4-TOLUAMIDINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:235 mg/kg FEPRA7 1,167,42
* ipr-ham LD50:150 mg/kg FEPRA7 1,167,42

4-TOLUAMIDINE HYDROCHLORIDE see: XS4805000
TOLUAZOTOLUIDINE see: XU8800000
TOLU BALSAM GUM see: CP2355000
TOLU BALSAM TINCTURE see: CP2355000
TOLUEEN (Dutch) see: XS5250000
TOLUEEN-DIISOCYANAAT (Dutch) see: CZ6300000
TOLUEN (Czech) see: XS5250000
TOLUEN-DISOCIANATO (Italian) see: CZ6300000

XS5250000 TOLUENE
UPDT:8412 CAS: 108-88-3 MW: 92.15 MOLFM: C7-H8
SYN: ANTISAL 1a * BENZENE, METHYL- * METHACIDE * METHANE, PHENYL- * METHYLBENZENE * METHYLBENZOL * NCI-C07272 * PHENYLMETHANE * RCRA WASTE NUMBER U220 * TOLUEEN (Dutch) * TOLUEN (Czech) * TOLUENE (DOT) * TOLUOL * TOLUOL (DOT) * TOLUOLO (Italian) * TOLU-SOL * UN 1294 (DOT)
IRRITATION DATA AND REFERENCES:
eye-hmn 300 ppm JIHTAB 25,282,43
skn-rbt 435 mg MLD UCDS** 7/23/70
skn-rbt 500 mg MOD FCTOD7 20,563,82
eye-rbt 870 ug MLD UCDS** 7/23/70
eye-rbt 2 mg/24H SEV ZEZPAK -,23,72
eye-rbt 100 mg/30S rns MLD FCTOD7 20,573,82
MUTATION DATA AND REFERENCES:
dns-esc 1 pph JOBAAY 137,397,79
dns-omi 1 pph/15M-C JOVIAM 12,1195,73
cyt-smc 2400 umol/tube HEREAY 33,457,47
oms-grh-ihl 562 mg/L MUREAV 113,467,83
dnd-rat:lvr 30 umol/L SinJF# 26OCT82
cyt-rat-ihl 5400 ug/m3/16W-I GTPZAB 25(7),33,81
cyt-rat-scu 12 gm/kg/12D-I GTPZAB 17(3),24,73
mnt-mus-orl 137600 mg/kg MUREAV 135,225,84
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 ihl-rat TCLo:1500 mg/m3/24H (1-8D preg) TXCYAC 11,55,78
1T46 ihl-rat TCLo:1000 mg/m3/24H (7-14D preg) FMORAO 28,286,80
1T35 orl-mus TDLo:9 gm/kg (6-15D preg) TJADAB 19,41A,79
1T34 orl-mus TDLo:15 gm/kg (6-15D preg) TJADAB 19,41A,79
1T43 orl-mus TDLo:30 gm/kg (6-15D preg) TJADAB 19,41A,79
1T34 ihl-mus TCLo:500 mg/m3/24H (6-13D preg) TXCYAC 11,55,78
1T46 ihl-mus TCLo:1000 ppm/6H (2-17D preg) TJEMDR 7,265,82
TOXICITY DATA AND REFERENCES:
3A11F25P26 ihl-hmn TCLo:200 ppm JAMAAP 123,1106,43
3F08F17F42 ihl-man TCLo:100 ppm WEHRBJ 9,131,72
* orl-rat LD50:5000 mg/kg AMIHAB 19,403,59
ihl-rat LCLo:4000 ppm/4H AIHAAP 30,470,69
ipr-rat LDLo:800 mg/kg TXAPA9 1,156,59
* unk-rat LD50:6900 mg/kg GISAAA 45(12),64,80
ihl-mus LC50:5320 ppm/8H JIHTAB 25,366,43
ipr-mus LD50:1120 ug/kg AGGHAR 18,109,60
* unk-mus LD50:2000 mg/kg GISAAA 45(12),64,80
* skn-rbt LD50:12124 mg/kg AIHAAP 30,470,69
3F01F07F33 ihl-gpg LCLo:1600 ppm JIDHAN 10,261,28
scu-frg LDLo:920 mg/kg AEPPAE 130,250,28
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 22,373,71; CTOXAO 11(5),549,77; FNSCA6 2,67,73; MUREAV 47(2),75,78; CTOXAO 11(5),549,77
★ TLV-TWA 100 ppm; STEL 150 ppm (skin) DTLVS* 4,400,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ppm;Cl 300;Pk 500/10M (SCP-V) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO TOLUENE recm std-air:TWA 100 ppm;CL 200 ppm/10M NTIS**
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 1500, 1501 and 8002
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0345;8EHQ-1080-0368;8EHQ-0278-0079 P
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TOLUENE (DOT) see: XS5250000
TOLUENE, 3-AMINO-alpha,alpha,alpha-TRIFLUORO- see: XU9180000

XS5900000 TOLUENE, p-ARSENOSO-
UPDT:8209 MW: 182.06 MOLFM: C7-H7-As-O
SYN: p-ARSENOSOTOLUENE * 4-TOLYLARSENOUS ACID
TOXICITY DATA AND REFERENCES:
* ivn-mus LDLo:1720 ug/kg CPBTAL 2,19,54
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

XS5950000 alpha-TOLUENEARSONIC ACID
UPDT:8104 CAS: 620-27-9 MW: 216.08 MOLFM: C7-H9-As-O3
SYN: ARSONIC ACID, (PHENYLMETHYL)- (9CI) * BENZYLARSONIC ACID
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg NCNSA6 5,13,53
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

XS6125000 m-TOLUENEARSONIC ACID
UPDT:8105 CAS: 5410-37-7 MW: 216.08 MOLFM: C7-H9-As-O3
SYN: ARSONIC ACID, (3-METHYLPHENYL)- * m-TOLYLARSONIC ACID
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:75 ug/kg NCNSA6 5,13,53
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

XS6300000 o-TOLUENEARSONIC ACID
UPDT:8105 CAS: 3969-57-1 MW: 216.08 MOLFM: C7-H9-As-O3
SYN: ARSONIC ACID, (2-METHYLPHENYL)- * 2-METHYLBENZENEARSONIC ACID
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:25 mg/kg NCNSA6 5,13,53
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

XS6475000 p-TOLUENEARSONIC ACID
UPDT:8105 CAS: 3969-54-8 MW: 216.08 MOLFM: C7-H9-As-O3
SYN: ARSONIC ACID, (4-METHYLPHENYL)- * TOLYLARSONIC ACID * p-TOLYLARSONIC ACID * 4-TOLYLARSONIC ACID
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:100 mg/kg NCNSA6 5,13,53
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 500 ug(As)/m3 FEREAC 39,23540,74

TOLUENE-2-AZONAPHTHOL-2 see: QL5425000
o-TOLUENEAZO-o-TOLUENEAZO-beta-NAPHTHOL see: QL5775000
o-TOLUENEAZO-o-TOLUENE-beta-NAPHTHOL see: QL5775000
o-TOLUENEAZO-o-TOLUIDINE see: XU8800000

XS7965000 TOLUENE, alpha-BROMO-
UPDT:8308 CAS: 100-39-0 MW: 171.05 MOLFM: C7-H7-Br
SYN: BENZENE, (BROMOMETHYL)- * BENZYL BROMIDE * BENZYL BROMIDE (DOT) * (BROMOMETHYL)BENZENE * BROMOPHENYLMETHANE * alpha-BROMOTOLUENE * omega-BROMOTOLUENE * BROMOTOLUENE, alpha (DOT) * p-(BROMOMETHYL)NITROBENZENE * UN 1737 (DOT)
MUTATION DATA AND REFERENCES:
dns-esc 1300 umol/L ZKKOBW 92,177,78
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XS7965400 TOLUENE, m-BROMO-
UPDT:8407 CAS: 591-17-3 MW: 171.05 MOLFM: C7-H7-Br
SYN: BENZENE, 1-BROMO-3-METHYL- * m-BROMOTOLUENE * 3-BROMOTOLUENE * 5-BROMOTOLUENE * m-METHYLBROMOBENZENE * 3-METHYLBROMOBENZENE * m-TOLYL BROMIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1436 mg/kg GISAAA 44(12),19,79
* ipr-mus LD50:1215 mg/kg GISAAA 44(12),19,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XS7965600 TOLUENE, p-BROMO-
UPDT:8401 CAS: 106-38-7 MW: 171.05 MOLFM: C7-H7-Br
SYN: p-BROMOTOLUENE * PARABROMOTOLUENE
TOXICITY DATA AND REFERENCES:
* ihl-mam LC50:1300 mg/m3 GTPZAB 18(4),55,74
* ipr-mam LD50:1741 mg/kg GTPZAB 18(4),55,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XS7966000 TOLUENE, alpha-BROMO-2,6-DICHLORO-
UPDT:8409 CAS: 20443-98-5 MW: 239.93 MOLFM: C7-H5-Br-Cl2
SYN: alpha-BROMO-2,6-DICHLOROTOLUENE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:75 mg/kg CSLNX* NX#09451

XS7966500 TOLUENE, alpha-BROMO-2-METHOXY-6-NITRO-
UPDT:8309 CAS: 3913-23-3 MW: 246.08 MOLFM: C8-H8-Br-N-O3
SYN: 2-BROMOMETHYL-4-NITROANISOLE * KOSHLAND'S REAGENT II * 2-METHOXY-5-NITROBENZYLBROMIDE
MUTATION DATA AND REFERENCES:
dnd-esc 20 umol/L MUREAV 89,95,81

XS7967000 TOLUENE, alpha-BROMO-p-NITRO-
UPDT:8412 CAS: 19689-86-2 MW: 216.05 MOLFM: C7-H6-Br-N-O2
SYN: BENZENE, 1-(BROMOMETHYL)-4-NITRO- * alpha-BROMO-p-NITROTOLUENE * alpha-BROMOPARANITROTOLUENE * p-NITROBENZYL BROMIDE * 4-NITROBENZYL BROMIDE
MUTATION DATA AND REFERENCES:
mmo-sat 5 umol/L ENMUDM 3,11,81
dns-rat:lvr 10 umol/L ENMUDM 3,11,81
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#07695
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XS8050000 TOLUENE, alpha-(2-(2-BUTOXYETHOXY)ETHOXY)-4,5-(METHYLENEDIOXY)-2-PROPYL-
UPDT:8412 CAS: 51-03-6 MW: 338.49 MOLFM: C19-H30-O5
SYN: 1,3-BENZODIOXOLE, 5-((2-(2-BUTOXYETHOXY)ETHOXY)METHYL)-6-PROPYL- * BUTACIDE * BUTOCIDE * BUTOXIDE * alpha-(2-(2-BUTOXYETHOXY)ETHOXY)-4,5-METHYLENEDIOXY-2-PROPYLTOLUENE * alpha-(2-(2-n-BUTOXYETHOXY)-ETHOXY)-4,5-METHYLENEDIOXY-2-PROPYLTOLUENE * 5-((2-(2-BUTOXYETHOXY)ETHOXY)METHYL)-6-PROPYL-1,3-BENZODIOXOLE * BUTYL CARBITOL 6-PROPYLPIPERONYL ETHER * BUTYL-CARBITYL (6-PROPYLPIPERONYL) ETHER * ENT 14,250 * FAC 5273 * FMC 5273 * 3,4-METHYLENDIOXY-6-PROPYLBENZYL-n-BUTYL-DIAETHYLENGLYKOLAETHER (German) * (3,4-METHYLENEDIOXY-6-PROPYLBENZYL) (BUTYL) DIETHYLENE GLICOL ETHER * 3,4-METHYLENEDIOXY-6-PROPYLBENZYL n-BUTYL DIETHYLENEGLYCOL ETHER * NCI-C02813 * NIA 5273 * NUSYN-NOXFISH * PB * PIPERONYL BUTOXIDE * PRENTOX * 6-(PROPYLPIPERONYL)-BUTYL CARBITYL ETHER * 6-PROPYLPIPERONYL BUTYL DIETHYLENE GLYCOL ETHER * 5-PROPYL-4-(2,5,8-TRIOXA-DODECYL)-1,3-BENZODIOXOL (German) * PYBUTHRIN * PYRENONE 606 * SYNPREN-FISH
MUTATION DATA AND REFERENCES:
otr-ham:emb 500 ug/L CRNGDP 4,291,83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:3 gm/kg (6-15D preg) FCTXAV 15,337,77
1T25 orl-mus TDLo:5 gm/kg (5D male) TXAPA9 23,288,72
1T25 ipr-mus TDLo:200 mg/kg (1D male) TXAPA9 23,288,72
3T24T26T31 scu-mus TDLo:9 gm/kg (6-14D preg) NTIS** PB223-160
3T34T35T42 scu-mus TDLo:9 gm/kg (6-14D preg) NTIS** PB223-160
TUMORIGENIC DATA AND REFERENCES:
2V01P80 orl-mus TDLo:33 gm/kg/78W-I NTIS** PB223-159

3V03J60L60 scu-mus TDLo:1000 mg/kg NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6150 mg/kg TXAPA9 14,515,69
orl-mus LD50:3800 mg/kg BESAAT 15,85,69
ipr-mus LDLo:1000 mg/kg TXAPA9 23,288,72
orl-rbt LD50:7500 mg/kg GUCHAZ 6,417,73
skn-rbt LD50:200 mg/kg PCOC** -,907,66
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ENVRAL 7(2),243,74; 85CVA2 5,250,70
★ CARCINOGENIC REVIEW:ANIMAL NEGATIVE IARC** 30,183,83
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE,RAT (NCITR* NCI-CG-TR-120,79)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XS8150000 TOLUENE, m-BUTYL-
UPDT:8312 CAS: 1595-04-6 MW: 148.27 MOLFM: C11-H16
SYN: BENZENE, 1-BUTYL-3-METHYL- (9CI) * m-BUTYLTOLUENE * m-BUTYLTOLUENE (DOT) * m-METHYLBUTYLBENZENE * UN 2667 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83

XS8300000 TOLUENE, o-BUTYL-
UPDT:8312 CAS: 1595-11-5 MW: 148.27 MOLFM: C11-H16
SYN: BENZENE, 1-BUTYL-2-METHYL- (9CI) * o-BUTYLTOLUENE * o-BUTYLTOLUENE (DOT) * UN 2667 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83

XS8390000 TOLUENE, p-BUTYL-
UPDT:8312 CAS: 1595-05-7
SYN: BENZENE, 1-BUTYL-4-METHYL- (9CI) * p-BUTYLTOLUENE * p-BUTYLTOLUENE (DOT) * PARABUTYLTOLUENE * UN 2667 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:FLAMMABLE LIQUID AND POISON CFRGBR 49,172.102,83

XS8400000 TOLUENE, p-tert-BUTYL-
UPDT:8404 CAS: 98-51-1 MW: 148.27 MOLFM: C11-H16
SYN: p-tert-BUTYLTOLUENE * p-METHYL-tert-BUTYLBENZENE * 1-METHYL-4-tert-BUTYLBENZENE * TBT
IRRITATION DATA AND REFERENCES:
eye-hmn 5 ppm/2H AMIHBC 9,227,54
skn-rbt 500 mg/24H MLD AMIHBC 9,227,54
eye-rbt 100 mg AMIHBC 9,227,54
TOXICITY DATA AND REFERENCES:
1K13 ihl-hmn TCLo:10 ppm/3M AMIHBC 9,227,54
3D25D50K13 ihl-hmn TCLo:20 ppm/5M 28ZRAQ -,156,60
3F19F18J25 orl-rat LD50:1500 mg/kg AMIHBC 9,227,54
2C08F12 ihl-rat LC50:1500 mg/m3/4H AMIHBC 9,227,54
3F19F18J25 orl-mus LD50:900 mg/kg AMIHBC 9,227,54
2C08F12 ihl-mus LC50:248 ppm/2H AMIHBC 9,227,54
2F18F12 orl-rbt LD50:2000 mg/kg AMIHBC 9,227,54
REVIEW AND REFERENCES:
★ TLV-TWA 10 ppm; STEL 20 ppm DTLVS* 4,58,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ppm (SCP-C) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1501
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1281-0421 S
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TOLUENECARBOXALDEHYDE see: XS3370000

XS8925000 TOLUENE, alpha-CHLORO-
UPDT:8412 CAS: 100-44-7 MW: 126.59 MOLFM: C7-H7-Cl
SYN: BENZENE, (CHLOROMETHYL)- * BENZILE (CLORURO DI) (Italian) * BENZYL CHLORIDE * BENZYL CHLORIDE (DOT) * BENZYLE (CHLORURE DE) (French) * BENZYLCHLORID (German) * CHLOROMETHYLBENZENE * CHLOROPHENYLMETHANE * alpha-CHLOROTOLUENE * omega-CHLOROTOLUENE * alpha-CHLORTOLUOL (German) * CHLORURE DE BENZYLE (French) * NCI-C06360 * RCRA WASTE NUMBER P028 * TOLYL CHLORIDE * UN 1738 (DOT)
MUTATION DATA AND REFERENCES:
mmo-sat 600 umol/plate MUREAV 58,143,78
mma-sat 2000 ug/plate PNASA6 72,5135,75
mmo-esc 3200 umol/plate MUREAV 58,143,78
dnr-esc 10 mg/L JJIND8 62,873,79
mrc-bcs 79200 ng/disc MUREAV 58,143,78
mrc-smc 400 ppm JJIND8 62,901,79
dns-hmn:hla 50 umol/L CALEDQ 20,263,83
otr-ham:emb 1600 ug/L CRNGDP 1,323,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T01 ipr-mus TDLo:250 mg/kg (5D male) MUREAV 100,345,82
1T01 scu-mus TDLo:2500 mg/kg (5D male) MUREAV 100,345,82
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:50 mg/kg FCTXAV 6,576,68
3V03J60R60 skn-mus TDLo:9200 mg/kg/50W-I GANNA2 72,655,81
2V03V10 scu-rat TD :2100 mg/kg/53W-I ZEKBAI 74,241,70
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1231 mg/kg NTIS** PB214-270
ihl-rat LC50:150 ppm/2H IARC** 11,217,76
* scu-rat LD50:1 gm/kg ZEKBAI 74,241,70
orl-mus LD50:1624 mg/kg NTIS** PB214-270
ihl-mus LC50:80 ppm/2H IARC** 11,217,76
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 11,217,76
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 29,49,82
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 29,49,82
★ TLV-TWA 1 ppm DTLVS* 4,42,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 ppm (SCP-H) FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO BENZYL CHLORIDE recm std-air:CL 5.0 mg/m3/15M NTIS**
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1003
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0582-0444;8EHQ-0777-0001
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XS8990000 TOLUENE, m-CHLORO-
UPDT:8312 CAS: 108-41-8 MW: 126.59 MOLFM: C7-H7-Cl
SYN: BENZENE, 1-CHLORO-3-METHYL- * m-CHLOROTOLUENE * 3-CHLOROTOLUENE * m-CHLOROTOLUENE (DOT) * m-TOLYL CHLORIDE * UN 2238 (DOT)
TOXICITY DATA AND REFERENCES:
3F07F13F23 unk-rat LD50:3600 mg/kg GISAAA 46(2),14,81
3F07F13F23 ihl-mus LD50:34 mg/kg GISAAA 46(2),14,81
3F07F13F23 unk-mus LD50:1900 mg/kg GISAAA 46(2),14,81
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE OR COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XS9000000 TOLUENE, o-CHLORO-
UPDT:8312 CAS: 95-49-8 MW: 126.59 MOLFM: C7-H7-Cl
SYN: BENZENE, 1-CHLORO-2-METHYL- (9CI) * 2-CHLORO-1-METHYLBENZENE * o-CHLOROTOLUENE * 2-CHLOROTOLUENE * o-CHLOROTOLUENE (DOT) * HALSO 99 * 1-METHYL-2-CHLOROBENZENE * 2-METHYLCHLOROBENZENE * o-TOLYL CHLORIDE * UN 2238 (DOT)
TOXICITY DATA AND REFERENCES:
2F19J25 ihl-rat LCLo:175000 ppm DTLWS* -,302,76
* unk-rat LD50:5700 mg/kg GISAAA 45(12),64,80
* unk-mus LD50:4400 mg/kg GISAAA 45(12),64,80
3F07F13F23 unk-gpg LD50:3000 mg/kg GISAAA 46(2),14,81
REVIEW AND REFERENCES:
★ TLV-TWA 50 ppm; STEL 75 ppm DTLVS* 4,95,80
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE OR COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

XS9010000 TOLUENE, p-CHLORO-
UPDT:8408 CAS: 106-43-4 MW: 126.59 MOLFM: C7-H7-Cl
SYN: BENZENE, 1-CHLORO-4-METHYL- * 4-CHLORO-1-METHYLBENZENE * p-CHLOROTOLUENE * 4-CHLOROTOLUENE * p-CHLOROTOLUENE (DOT) * p-TOLYL CHLORIDE * UN 2238 (DOT)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3600 mg/kg 85GMAT -,38,82
* unk-rat LD50:4000 mg/kg GISAAA 45(12),64,80
* orl-mus LD50:1900 mg/kg 85GMAT -,38,82
* ihl-mus LC50:34 gm/m3/2H 85GMAT -,38,82
3F07F13F23 unk-mus LD50:4000 mg/kg GISAAA 46(2),14,81
3F07F13F23 unk-gpg LD50:3750 mg/kg GISAAA 46(2),14,81
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE OR COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

XS9060000 TOLUENE, alpha-CHLORO-3,4-DIMETHOXY-
UPDT:8401 CAS: 7306-46-9 MW: 186.65 MOLFM: C9-H11-Cl-O2
SYN: BENZENE, 4-(CHLOROMETHYL)-1,2-DIMETHOXY- * 3,4-BIS(METHOXY)-BENZYL CHLORIDE * 3,4-DIMETHOXYBENZYL CHLORIDE * VERATRYL CHLORID (German) * VERATRYL CHLORIDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:2100 mg/kg/42W-I ZEKBAI 74,241,70
TOXICITY DATA AND REFERENCES:
3D07F07F17 orl-rat LD50:4700 mg/kg GTPZAB 26(2),55,82
scu-rat LD50:3000 mg/kg ZEKBAI 74,241,70
3D07F07F17 orl-mus LD50:5 gm/kg GTPZAB 26(2),55,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XS9093000 TOLUENE, alpha-CHLORO-p-NITRO-
UPDT:8406 CAS: 100-14-1 MW: 171.59 MOLFM: C7-H6-Cl-N-O2
SYN: alpha-CHLORO-p-NITROTOLUENE * p-NITROBENZYL CHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 33 ug/plate NTPTB* APR 82
mma-sat 100 ug/plate NTPTB* APR 82
TOXICITY DATA AND REFERENCES:
* ihl-rat LCLo:280 mg/m3/4H TOXID9 4,66,84
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XS9132000 TOLUENE, 4-CHLORO-2-NITRO-
UPDT:8403 MW: 171.59 MOLFM: C7-H6-Cl-N-O2
SYN: 4-CHLORO-o-NITROTOLUENE * UN 2433 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

XS9140000 TOLUENE, 4-CHLORO-3-NITRO-alpha,alpha,alpha-TRIFLUORO-
UPDT:8411 MW: 225.56 MOLFM: C7-H3-Cl-F3-N-O2
SYN: 4-CHLORO-3-NITRO-alpha,alpha,alpha-TRIFLUOROTOLUENE * 3-NITRO-4-CHLOROBENZOTRIFLUORIDE (DOT) * UN 2307 (DOT)
MUTATION DATA AND REFERENCES:
dns-hmn:emb 1 gm/L AISSAW 18,123,82
TOXICITY DATA AND REFERENCES:
3F07F11F19 orl-rat LD50:1075 mg/kg GISAAA 47(3),88,82
3F07F11F19 orl-mus LD50:400 mg/kg GISAAA 47(3),88,82
* ivn-mus LD50:56 mg/kg CSLNX* NX#07616
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

XS9143000 TOLUENE, m-CHLORO-alpha,alpha,alpha-TRIFLUORO-
UPDT:8401 CAS: 98-15-7 MW: 180.56 MOLFM: C7-H4-Cl-F3
SYN: BENZENE, 1-CHLORO-3-(TRIFLUOROMETHYL)- (9CI) * m-CHLOROBENZOTRIFLUORIDE * 3-CHLOROBENZOTRIFLUORIDE * m-CHLOROBENZOTRIFLUORIDE (DOT) * m-TRIFLUOROMETHYLPHENYL CHLORIDE * UN 2234 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XS9144000 TOLUENE, o-CHLORO-alpha,alpha,alpha-TRIFLUORO-
UPDT:8401 CAS: 88-16-4 MW: 180.56 MOLFM: C7-H4-Cl-F3
SYN: BENZENE, 1-CHLORO-2-(TRIFLUOROMETHYL)- (9CI) * o-CHLOROBENZOTRIFLUORIDE * 2-CHLOROBENZOTRIFLUORIDE * o-CHLOROBENZOTRIFLUORIDE (DOT) * 2-CHLORO(TRIFLUOROMETHYL)BENZENE * o-(TRIFLUOROMETHYL)CHLOROBENZENE * o-TRIFLUOROMETHYLPHENYL CHLORIDE
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XS9145000 TOLUENE, p-CHLORO-alpha,alpha,alpha-TRIFLUORO-
CAS: 98-56-6 MW: 180.56 MOLFM: C7-H4-Cl-F3
SYN: BENZENE, 1-CHLORO-4-(TRIMETHYL)- (9CI) * p-CHLOROBENZOTRIFLUORIDE * p-CHLOROBENZOTRIFLUORIDE (DOT) * (p-CHLOROPHENYL)TRIFLUOROMETHANE * p-CHLOROTRIFLUOROMETHYLBENZENE * p-(TRIFLUOROMETHYL)CHLOROBENZENE * p-TRIFLUOROMETHYLPHENYL CHLORIDE * UN 2234 (DOT)
MUTATION DATA AND REFERENCES:
dns-hmn:emb 1 gm/L AISSAW 18,123,82
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
TOLUENE, alpha-CYANO- see: AM1400000

XS9445000 TOLUENEDIAMINE
UPDT:8412 CAS: 25376-45-8 MW: 122.19 MOLFM: C7-H10-N2
SYN: BENZENEDIAMINE, ar-METHYL- * DIAMINOTOLUENE * METHYLPHENYLENEDIAMINE * NA 1709 (DOT) * TOLUENEDIAMINE (DOT) * TOLYLENEDIAMINE
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-A; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, PROPOSED RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1080-0367
m-TOLUENEDIAMINE see: XS9625000
o-TOLUENEDIAMINE see: XT0537100
p-TOLUENEDIAMINE see: XS9700000

XS9625000 TOLUENE-2,4-DIAMINE
UPDT:8412 CAS: 95-80-7 MW: 122.19 MOLFM: C7-H10-N2
SYN: 3-AMINO-p-TOLUIDINE * 5-AMINO-o-TOLUIDINE * AZOGEN DEVELOPER H * BENZOFUR MT * C.I. 76035 * C.I. OXIDATION BASE * C.I. OXIDATION BASE 20 * C.I. OXIDATION BASE 35 * C.I. OXIDATION BASE 200 * DEVELOPER 14 * DEVELOPER B * DEVELOPER DB * DEVELOPER DBJ * DEVELOPER H * DEVELOPER MC * DEVELOPER MT * DEVELOPER MT-CF * DEVELOPER MTD * DEVELOPER T * 1,3-DIAMINO-4-METHYLBENZENE * 2,4-DIAMINO-1-METHYLBENZENE * 2,4-DIAMINOTOLUEN (Czech) * DIAMINOTOLUENE * 2,4-DIAMINOTOLUENE * 2,4-DIAMINO-1-TOLUENE * 2,4-DIAMINOTOLUOL * EUCANINE GB * FOURAMINE * FOURAMINE J * FOURRINE 94 * FOURRINE M * META TOLUYLENE DIAMINE * 4-METHYL-1,3-BENZENEDIAMINE * 4-METHYL-m-PHENYLENEDIAMINE * MTD * NAKO TMT * NCI-C02302 * PELAGOL GREY J * PELAGOL J * PONTAMINE DEVELOPER TN * RCRA WASTE NUMBER U221 * RENAL MD * TDA * TERTRAL G * 2,4-TOLAMINE * m-TOLUENEDIAMINE * 2,4-TOLUENEDIAMINE * m-TOLUYLENDIAMIN (Czech) * m-TOLUYLENEDIAMINE * 2,4-TOLUYLENEDIAMINE * 2,4-TOLUYLENEDIAMINE (DOT) * m-TOLYENEDIAMINE * m-TOLYLENEDIAMINE * TOLYLENE-2,4-DIAMINE * 2,4-TOLYLENEDIAMINE * 4-m-TOLYLENEDIAMINE * UN 1709 (DOT) * ZOBA GKE * ZOGEN DEVELOPER H
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD 28ZPAK -,69,72
eye-rbt 100 mg/24H SEV 28ZPAK -,69,72
MUTATION DATA AND REFERENCES:
mmo-sat 10 mg/plate ENMUDM 5(Suppl 1),3,83
mma-sat 100 ug/plate PNASA6 72,5135,75
pic-esc 100 mmol/L MDMIAZ 31,11,79
sln-dmg-par 5 mmol/L MUREAV 56,31,77
sln-dmg-orl 15200 mmol/L/3D MUREAV 48,181,77
dnd-hmn:fbr 100 umol/L MUREAV 127,107,84
dns-hmn:lvr 1 mmol/L PAACA3 24,69,83
dnd-rat-ipr 4100 umol/kg CRNGDP 2,1317,81
dnd-rat-ipr 4100 umol/kg BSIBAC 57,131,81
dns-rat-orl 150 mg/kg ENMUDM 4,553,82
dni-mus-ipr 111 mg/kg MRLEDH 91,75,81
sce-mus-ipr 9 mg/kg MUREAV 108,225,83
msc-mus:lym 198 mg/L MUREAV 135,115,84
otr-ham:emb 500 ug/L CALEDQ 3,45,77
msc-ham:ovr 2 gm/L MUREAV 135,115,84
TUMORIGENIC DATA AND REFERENCES:
3V01L60R60 orl-rat TDLo:2100 mg/kg/90W-C JJIND8 62,1107,79
3V01L60P62 orl-mus TDLo:8050 mg/kg/101W-C NCITR* NCI-CG-TR-162,79
3V01L60P62 orl-mus TD :17 gm/kg/2Y-C NCITR* NCI-CG-TR-162,79
3V01L60P62 orl-rat TD :5030 mg/kg/84W-C NCITR* NCI-CG-TR-162,79
2V01L60 orl-rat TD :9000 mg/kg/36W-C CNREA8 29,1137,69
2V01L60 orl-mus TD :8400 mg/kg/2Y-C GANNA2 70,453,79
2V01L60 orl-mus TD :16800 mg/kg/2Y-C GANNA2 70,453,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:260 mg/kg 28ZPAK -,69,72
* ipr-rat LD50:325 mg/kg JEPTDQ 3(1-2),149,80
scu-rat LDLo:50 mg/kg ZEPTAT 17,59,15
* ipr-mus LD50:480 mg/kg JEPTDQ 3(1-2),149,80
scu-dog LDLo:200 mg/kg XPHBAO 271,56,41
scu-rbt LDLo:400 mg/kg ZEPTAT 17,59,15
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 16,83,78
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-162,79)
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, PROPOSED RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1080-0367;8EHQ-0478-0135
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
2,4-TOLUENEDIAMINE see: XS9625000

XS9700000 TOLUENE-2,5-DIAMINE
UPDT:8412 CAS: 95-70-5 MW: 122.19 MOLFM: C7-H10-N2
SYN: 4-AMINO-2-METHYLANILINE * 1,4-BENZENEDIAMINE, 2-METHYL- * C.I. 76042 * 2,5-DIAMINOTOLUENE * 2-METHYL-1,4-BENZENEDIAMINE * 2-METHYL-p-PHENYLENEDIAMINE * p-TOLUENEDIAMINE * p-TOLUYLENDIAMINE * TOLUYLENE-2,5-DIAMINE * p,m-TOLYLENEDIAMINE
IRRITATION DATA AND REFERENCES:
skn-rbt 12500 ug/24H MLD FCTXAV 15,607,77
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate PNASA6 72,2423,75
dns-rat:lvr 10 umol/L MUREAV 136,255,84
dni-mus-ipr 40 mg/kg MRLEDH 91,75,81
dns-ham:lvr 10 umol/L MUREAV 136,255,84
TOXICITY DATA AND REFERENCES:
3F07F19R21 orl-rat LD50:102 mg/kg FCTXAV 15,607,77
scu-rat LDLo:50 mg/kg ZEPTAT 17,59,15
scu-rbt LDLo:100 mg/kg ZEPTAT 17,59,15
orl-mam LDLo:3600 mg/kg JIDHAN 13,87,31
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 16,97,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, PROPOSED RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XS9750000 TOLUENE-2,6-DIAMINE
UPDT:8308 CAS: 823-40-5 MW: 122.19 MOLFM: C7-H10-N2
SYN: 1,3-BENZENEDIAMINE, 2-METHYL- * 2,6-DIAMINOTOLUENE * 2,6-TOLUYLENEDIAMINE * 2,6-TOLYLENEDIAMINE
MUTATION DATA AND REFERENCES:
mmo-sat 1500 nmol/plate TXCYAC 18,219,80
dns-hmn:lvr 1 mmol/L PAACA3 24,69,83
dni-mus-ipr 30 mg/kg MRLEDH 91,75,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1080-0367
TOLUENEDIAMINE, 2,3- and 3,4-isomers, mixed see: XT0537000

XS9990000 TOLUENE-2,4-DIAMINE, N(sup 4),N(sup 4)-DIETHYL-3,5-DINITRO-alpha,alpha,alpha-TRIFLUORO-
UPDT:8309 CAS: 29091-05-2 MW: 322.28 MOLFM: C11-H13-F3-N4-O4
SYN: 1,3-BENZENEDIAMINE, N(sup 3),N(sup 3)-DIETHYL-2,4-DINITRO-6-(TRIFLUOROMETHYL)- * COBEX * COBEX (HERBICIDE) * COBEXO * N(sup 4),N(sup 4)-DIETHYL-alpha,alpha,alpha-TRIFLUORO-3,5-DINITROTOLUENE, 2,4-DIAMINE * N(sup 3),N(sup 3)-DIETHYL-2,4-DINITRO-6-(TRIFLUOROMETHYL)-1,3-BENZENEDIAMINE * DINITRAMINE * DINITROAMINE * TOLUENE-2,4-DIAMINE, N(sup 4),N(sup 4)-DIETHYL-alpha,alpha,alpha-TRIFLUORO-3,5-DINITRO- * USB-3584
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3000 mg/kg 28ZEAL 5,80,76
* skn-rbt LD50:2000 mg/kg FMCHA2 -,C82,83
TOLUENE-2,4-DIAMINE, N(sup 4),N(sup 4)-DIETHYL-alpha,alpha,alpha-TRIFLUORO-3,5-DINITRO- see: XS9990000

XT0175000 TOLUENE-2,4-DIAMINE, DIHYDROCHLORIDE
UPDT:8401 CAS: 636-23-7 MW: 195.11 MOLFM: C7-H10-N2.2Cl-H
SYN: 2,4-DIAMINOTOLUENE DIHYDROCHLORIDE * METATOLYLENEDIAMINE DIHYDROCHLORIDE * 2,4-TOLUENEDIAMINE DIHYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
3V02L60M60 orl-rat TDLo:9900 mg/kg/78W-C JEPTDQ 2(2),325,78
3V02H60L60 orl-mus TDLo:32 gm/kg/78W-C JEPTDQ 2(2),325,78
3V02L60M60 orl-rat TD :20 gm/kg/78W-C JEPTDQ 2(2),325,78
3V02H60L60 orl-mus TD :65 gm/kg/78W-C JEPTDQ 2(2),325,78
TOXICITY DATA AND REFERENCES:
orl-mam LDLo:3000 mg/kg JIDHAN 13,87,31
ipr-mus LD50:80 mg/kg NCIBR* NCI-E-68-1311,10,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XT0370000 TOLUENE-2,6-DIAMINE, DIHYDROCHLORIDE
UPDT:8412 CAS: 15481-70-6 MW: 195.11 MOLFM: C7-H10-N2.2Cl-H
SYN: 2,6-DIAMINOTOLUENE DIHYDROCHLORIDE * NCI-C50317
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-200,80)
2,4-TOLUENEDIAMINE DIHYDROCHLORIDE see: XT0175000
TOLUENEDIAMINE (DOT) see: XS9445000
p-TOLUENEDIAMINE SULFATE see: XT0524000

XT0524000 TOLUENE-2,5-DIAMINE, SULFATE
UPDT:8412 CAS: 6369-59-1 MW: 808.75 MOLFM: C7-H10-N2.xH2-O4-S
SYN: 1,4-BENZENEDIAMINE, 2-METHYL-, SULFATE (9CI) * C.I. 76043 * C.I. OXIDATION BASE 4 * FOURAMINE STD * NCI-C01832 * 2,5-TDS * p-TOLUENEDIAMINE SULFATE * 2,5-TOLUENEDIAMINE SULFATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 scu-mus TDLo:480 mg/kg (6-15D preg) TJADAB 24,253,81
TUMORIGENIC DATA AND REFERENCES:
2V03J60 orl-mus TDLo:66 gm/kg/78W-C NCITR* NCI-CG-TR-126,78
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 16,97,78
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:MOUSE RAT (NCITR* NCI-CG-TR-126,78)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
2,5-TOLUENEDIAMINE SULFATE see: XT0524000

XT0537000 TOLUENE-2,3-DIAMINE, and TOLUENE-3,4-DIAMINE
UPDT:8308 MW: 122.19 MOLFM: C7-H10-N2
SYN: TOLUENEDIAMINE, 2,3- and 3,4-isomers, mixed * TOLUENE-3,4-DIAMINE and TOLUENE-2,3-DIAMINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:810 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:1120 mg/kg TXAPA9 28,313,74

XT0537100 TOLUENE-2,3-DIAMINE, mixed with TOLUENE-3,4-DIAMINE (2:3)
UPDT:8406 MW: 122.19 MOLFM: C7-H10-N2
SYN: o-TOLUENEDIAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:3 gm/kg (6-15D preg) TXAPA9 71,323,83
1T46 orl-rat TDLo:1 gm/kg (6-15D preg) TXAPA9 71,323,83
2T25T34 orl-rbt TDLo:1300 mg/kg (6-18D preg) TXAPA9 71,323,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
TOLUENE-3,4-DIAMINE and TOLUENE-2,3-DIAMINE see: XT0537000
TOLUENE, alpha,alpha-DICHLORO- see: CZ5075000

XT0720000 TOLUENE, p,alpha-DICHLORO-
CAS: 104-83-6 MW: 161.03 MOLFM: C7-H6-Cl2
SYN: p-CHLOROBENZYL CHLORIDE (DOT) * 1-CHLORO-4-CHLOROMETHYLBENZENE * UN 2235 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
TOLUENE DIISOCYANATE see: CZ6300000
TOLUENE DIISOCYANATE see: NQ9490000
TOLUENE-2,4-DIISOCYANATE see: CZ6300000
TOLUENE 2,6-DIISOCYANATE see: CZ6310000
2,6-TOLUENE DIISOCYANATE see: CZ6310000
2,4-TOLUENEDIISOCYANATE see: CZ6300000

XT1300000 TOLUENE, DINITRO-
UPDT:8404 CAS: 25321-14-6 MW: 182.15 MOLFM: C7-H6-N2-O4
SYN: BENZENE, METHYLDINITRO- * DINITROPHENYLMETHANE * DINITROTOLUENE * DINITROTOLUENE, liquid (DOT) * DINITROTOLUENE, solid (DOT) * METHYLDINITROBENZENE * tDNT * TOLUENE, ar,ar-DINITRO- * UN 1600 (DOT) * UN 2038 (DOT)
MUTATION DATA AND REFERENCES:
dns-rat-orl 100 mg/kg CRNGDP 3,241,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T48T91 orl-rat TDLo:1050 mg/kg (7-20D preg) CIIT** DOCKET #10992,82
1T85 orl-rat TDLo:196 mg/kg (7-20D preg) CIIT** DOCKET #10992,82
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:12775 mg/kg/Y-C PAACA3 24,91,83
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE, liquid CFRGBR 49,172.101,82
★ DOT-HAZARD:ORM-E; LABEL:NONE, solid CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:FLAMMABLE LIQUID AND POISON (liquid) CFRGBR 49,172.102,83
★ DOT-IMO:POISON B; LABEL:POISON (solid) CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S215*

'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1080-0367
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
TOLUENE, ar,ar-DINITRO- see: XT1300000

XT1400000 TOLUENE, 2,3-DINITRO-
UPDT:8408 CAS: 602-01-7 MW: 182.15 MOLFM: C7-H6-N2-O4
SYN: BENZENE, 1-METHYL-2,3-DINITRO- (9CI) * 2,3-DINITROTOLUENE * 2,3-DNT
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-B011-150
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate ENMUDM 4,163,82
mma-sat 1 mg/plate NTIS** AD-A080-146
dnd-rat:lvr 300 umol/L SinJF# 26OCT82
TOXICITY DATA AND REFERENCES:
1F07 orl-rat LD50:911 mg/kg NTIS** AD-A080-146
orl-mus LD50:1072 mg/kg NTIS** PB214-270
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1500 ug/m3 (skin) (SCP-P) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S215*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

XT1575000 TOLUENE, 2,4-DINITRO-
UPDT:8412 CAS: 121-14-2 MW: 182.15 MOLFM: C7-H6-N2-O4
SYN: BENZENE, 1-METHYL-2,4-DINITRO- * 2,4-DINITROTOLUENE * 2,4-DINITROTOLUOL * DNT * 2,4-DNT * 1-METHYL-2,4-DINITROBENZENE * NCI-C01865 * RCRA WASTE NUMBER U105
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-B011-150
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate NTIS** AD-A080-146
mma-sat 300 ug/plate NTIS** AD-A080-146
dnd-rat-orl 10 mg/kg JTEHD6 11,555,83
dnd-rat:lvr 3 mmol/L SinJF# 26OCT82
oms-rat-orl 10 mg/kg JTEHD6 11,555,83
dns-rat-orl 100 mg/kg CRNGDP 3,241,82
cyt-mus-orl 840 ug/kg MUREAV 38,387,76
dlt-mus-orl 2 mg/kg MUREAV 38,387,76
msc-mus:lym 200 mg/L CALEDQ 20,103,83
TUMORIGENIC DATA AND REFERENCES:
2V02R60 orl-rat TDLo:2620 mg/kg/78W-C NCITR* NCI-CG-TR-54,78
3V02M60M61 orl-mus TDLo:8760 mg/kg/2Y-C NTIS** AD-A080-146
2V02R60 orl-rat TD :5460 mg/kg/78W-C NCITR* NCI-CG-TR-54,78
3V01L60U01 orl-rat TD :28 gm/kg/2Y-C NTIS** AD-A080-146
2V03L60 orl-rat TD :12775 mg/kg/Y-C PAACA3 24,91,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:268 mg/kg NTIS** PB214-270
* orl-mus LD50:790 mg/kg GTPZAB 25(8),50,81
3A30J22J24 orl-gpg LD50:1300 mg/kg GISAAA 42(10),12,77
scu-mam LDLo:50 mg/kg XPHBAO 271,110,41
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: NTIS** AD-778,725
★ TLV-TWA 1500 ug/m3; STEL 5 mg/m3 (skin) DTLVS* 4,153,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1500 ug/m3 (skin) (SCP-P) FEREAC 39,23540,74
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NCITR* NCI-CG-TR-54,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-54,78)
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S215*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1080-0367;8EHQ-0278-0046
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XT1750000 TOLUENE, 2,5-DINITRO-
UPDT:8408 CAS: 619-15-8 MW: 182.15 MOLFM: C7-H6-N2-O4
SYN: BENZENE, 2-METHYL-1,4-DINITRO- (9CI) * 2,5-DINITROTOLUENE * 2,5-DNT
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD NTIS** AD-B011-150
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate NTIS** AD-A080-146
mma-sat 10 ug/plate NTIS** AD-A080-146
TOXICITY DATA AND REFERENCES:
1F07 orl-rat LD50:517 mg/kg NTIS** AD-A080-146
1F07 orl-mus LD50:652 mg/kg NTIS** AD-A080-146
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1500 ug/m3 (skin) (SCP-P) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S215*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

XT1925000 TOLUENE, 2,6-DINITRO-
UPDT:8412 CAS: 606-20-2 MW: 182.15 MOLFM: C7-H6-N2-O4
SYN: BENZENE, 2-METHYL-1,3-DINITRO- (9CI) * 2,6-DINITROTOLUENE * 2,6-DNT * RCRA WASTE NUMBER U106
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-B011-150
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate DTESD7 2,249,77
dnd-rat-orl 10 mg/kg JTEHD6 11,555,83
dnd-rat:lvr 3 mmol/L SinJF# 26OCT82
oms-rat-orl 10 mg/kg JTEHD6 11,555,83
dns-rat-orl 5 mg/kg CRNGDP 3,241,82
dnd-mus-skn 192 umol/kg CRNGDP 5,231,84
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:5110 mg/kg/Y-C PAACA3 24,91,83
2V03L60 orl-rat TD :2555 mg/kg/Y-C PAACA3 24,91,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:177 mg/kg NTIS** PB214-270
1F07 orl-mus LD50:621 mg/kg NTIS** AD-A080-146
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1500 ug/m3 (skin) (SCP-P) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S215*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XT2100000 TOLUENE, 3,4-DINITRO-
UPDT:8408 CAS: 610-39-9 MW: 182.15 MOLFM: C7-H6-N2-O4
SYN: BENZENE, 4-METHYL-1,2-DINITRO- (9CI) * 3,4-DINITROTOLUENE * 3,4-DNT
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-B011-150
MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/plate NTIS** AD-A080-146
mma-sat 10 ug/plate ENMUDM 4,163,82
dnd-rat:lvr 300 umol/L SinJF# 26OCT82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:177 mg/kg NTIS** PB214-270
1F07 orl-mus LD50:747 mg/kg NTIS** AD-A080-146
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1500 ug/m3 (skin) (SCP-P) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S215*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XT2150000 TOLUENE, 3,5-DINITRO-
UPDT:8408 CAS: 618-85-9 MW: 182.15 MOLFM: C7-H6-N2-O4
SYN: BENZENE, 1-METHYL-3,5-DINITRO- (9CI) * 3,5-DINITROTOLUENE * 3,5-DNT * 1-METHYL-3,5-DINITRO-BENZENE
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate NTIS** AD-A080-146
mma-sat 500 ug/plate NTIS** AD-A080-146
TOXICITY DATA AND REFERENCES:
1F07 orl-rat LD50:216 mg/kg NTIS** AD-A080-146
1F07 orl-mus LD50:607 mg/kg NTIS** AD-A080-146
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 S215*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
2,5-TOLUENEDIOL see: MX6700000
TOLUENE-3,4-DIOL see: UX1915000

XT2180000 TOLUENE-alpha,alpha-DIOL, 3,5-DIIODO-2-HYDROXY-, TRIACETATE
UPDT:8311 MW: 518.05 MOLFM: C13-H12-I2-O6
SYN: DIACETYLE-ACETALE de l'ALDEHYDE DIIODO-3,5 ACETYLSALICYLIQUE (French) * 3,5-DIIODO-2-HYDROXYTOLUENE-alpha,alpha-DIOL TRIACETATE (ester)
TOXICITY DATA AND REFERENCES:
3F07F24J22 orl-mus LD50:2050 mg/kg APFRAD 7,317,49

XT2185000 TOLUENE-alpha,alpha-DIOL, 2-HYDROXY-5-BROMO-, TRIACETATE (ester)
UPDT:8311 MW: 345.17 MOLFM: C13-H13-Br-O6
SYN: DIACETYL-ACETALE de l'ALDEHYDE BROMO-5 ACETYLSALICYLIQUE (French) * 2-HYDROXY-5-BROMOTOLUENE-alpha,alpha-DIOL TRIACETATE (ester)
TOXICITY DATA AND REFERENCES:
3F07F24J22 orl-mus LD50:2480 mg/kg APFRAD 7,317,49
TOLUENE-alpha,alpha-DITHIOL, BIS(O,O-DIMETHYL PHOSPHORODITHIOATE) see: TD4900000

XT2410000 TOLUENE, m-(EPOXYETHYL)-
UPDT:8406 CAS: 20697-03-4 MW: 134.19 MOLFM: C9-H10-O
SYN: m-(EPOXYETHYL)TOLUENE * m-METHYLSTYRENE OXIDE * OXIRANE, (3-METHYLPHENYL)- (9CI)
MUTATION DATA AND REFERENCES:
mmo-esc 2 mmol/L CMSHAF 7,737,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

XT2420000 TOLUENE, p-(EPOXYETHYL)-
UPDT:8402 CAS: 13107-39-6 MW: 134.19 MOLFM: C9-H10-O
SYN: p-METHYLSTYRENE OXIDE * 4-METHYLSTYRENE OXIDE * OXIRANE, (4-METHYLPHENYL)- * p-TOLYLOXIRANE * OXIRANE, 2-(4-METHYLPHENYL)- (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 340 umol/L MUREAV 58,159,78
mmo-esc 2 mmol/L CMSHAF 7,737,78
sce-hmn:lym 1 mmol/L MUREAV 116,379,83
msc-ham:lng 200 umol/L CMSHAF 8,369,79
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

XT2500000 TOLUENE, o-ETHYL-
UPDT:8408 CAS: 611-14-3 MW: 120.21 MOLFM: C9-H12
SYN: BENZENE, 1-ETHYL-2-METHYL- (9CI) * o-ETHYLTOLUENE * 2-ETHYLTOLUENE * o-ETHYL METHYLBENZENE * o-METHYLETHYLBENZENE
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:5000 mg/kg 28ZRAQ -,57,60
* ihl-mus LC50:54 gm/kg/4H 85GMAT -,69,82
* ihl-cat LC50:50 gm/kg/2H 85GMAT -,69,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XT2578000 TOLUENE, m-FLUORO-
UPDT:8401 CAS: 352-70-5 MW: 110.14 MOLFM: C7-H7-F
SYN: m-FLUOROTOLUENE * 3-FLUOROTOLUENE * m-FLUOROTOLUENE (DOT) * UN 2388 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XT2579000 TOLUENE, o-FLUORO-
UPDT:8401 CAS: 95-52-3 MW: 110.14 MOLFM: C7-H7-F
SYN: BENZENE, 1-FLUORO-2-METHYL- (9CI) * o-FLUOROTOLUENE * 2-FLUOROTOLUENE * o-FLUOROTOLUENE (DOT) * UN 2388 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1963

XT2580000 TOLUENE, p-FLUORO-
UPDT:8312 CAS: 352-32-9 MW: 110.14 MOLFM: C7-H7-F
SYN: p-FLUOROTOLUENE * p-FLUOROTOLUENE (DOT) * UN 2388 (DOT)
TOXICITY DATA AND REFERENCES:
par-mus LDLo:500 mg/kg 11FYAN 3,91,63
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
TOLUENE HEXAHYDRIDE see: GV6125000
TOLUENE, HEXAHYDRO- see: GV6125000

XT2830000 TOLUENE, alpha-IODO-
UPDT:8401 CAS: 620-05-3 MW: 218.04 MOLFM: C7-H7-I
SYN: BENZENE, (IODOMETHYL)- (9CI) * BENZYL IODIDE * BENZYL IODIDE (DOT) * (IODOMETHYL)BENZENE * IODOPHENYLMETHANE * alpha-IODOTOLUENE * UN 2653 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XT2972000 TOLUENE, ar-NITRO-
UPDT:8408 CAS: 1321-12-6 MW: 137.15 MOLFM: C7-H7-N-O2
SYN: BENZENE, METHYLNITRO- * METHYLNITROBENZENE * MONONITROTOLUENE * NITROPHENYLMETHANE * NITROTOLUENE (DOT) * UN 1664 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S223
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

XT2975000 TOLUENE, m-NITRO-
UPDT:8404 CAS: 99-08-1 MW: 137.15 MOLFM: C7-H7-N-O2
SYN: 3-METHYLNITROBENZENE * m-METHYLNITROBENZENE * MNT * m-NITROTOLUENE * 3-NITROTOLUENE * m-NITROTOLUENE (DOT) * 3-NITROTOLUOL * UN 1664 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1072 mg/kg NTIS** PB214-270
orl-mus LD50:330 mg/kg CHABA8 73,91015e,70
orl-rbt LD50:2400 mg/kg CHABA8 73,91015e,70
orl-gpg LD50:3600 mg/kg CHABA8 73,91015e,70
REVIEW AND REFERENCES:
★ TLV-TWA 2 ppm (skin) DTLVS* 4,311,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 ppm (skin) (SCP-Q) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S223
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

XT3150000 TOLUENE, o-NITRO-
UPDT:8404 CAS: 88-72-2 MW: 137.15 MOLFM: C7-H7-N-O2
SYN: o-METHYLNITROBENZENE * 2-METHYLNITROBENZENE * o-NITROTOLUENE * 2-NITROTOLUENE * o-NITROTOLUENE (DOT) * ONT * UN 1664 (DOT)
MUTATION DATA AND REFERENCES:
dns-rat-orl 200 mg/kg CNREA8 43,2836,83
TOXICITY DATA AND REFERENCES:
3M10M14P24 ihl-man TCLo:700 ug/m3 GTPZAB 14(8),7,70
orl-rat LD50:891 mg/kg NTIS** PB214-270
* orl-mus LD50:970 mg/kg GTPZAB 25(8),50,81
REVIEW AND REFERENCES:
★ TLV-TWA 2 ppm (skin) DTLVS* 4,311,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 ppm (skin) (SCP-Q) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S223
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XT3325000 TOLUENE, p-NITRO-
UPDT:8412 CAS: 99-99-0 MW: 137.15 MOLFM: C7-H7-N-O2
SYN: p-METHYLNITROBENZENE * 4-METHYLNITROBENZENE * NCI-C60537 * p-NITROTOLUENE * 4-NITROTOLUENE * p-NITROTOLUENE (DOT) * 4-NITROTOLUOL * PNT * UN 1664 (DOT)
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate ENMUDM 4,163,82
mma-sat 10 ug/plate ENMUDM 4,163,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1960 mg/kg GTPZAB 25(8),50,81
skn-rat LD50:16000 mg/kg GISAAA 24(9),15,59
ipr-rat LD50:940 mg/kg GISAAA 24(9),15,59
orl-mus LD50:1231 mg/kg NTIS** PB214-270
REVIEW AND REFERENCES:
★ TLV-TWA 2 ppm (skin) DTLVS* 4,311,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 ppm (skin) (SCP-Q) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S223
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

XT3340000 TOLUENE, o-NITRO-, mixed with NORHARMAN
UPDT:8311
SYN: o-NITROTOLUENE mixed with NORHARMAN * NORHARMAN mixed with o-NITROTOLUENE
MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate MUREAV 120,105,83

XT3400000 TOLUENE, o-NITROSO-
UPDT:8303 CAS: 611-23-4 MW: 121.15 MOLFM: C7-H7-N-O
SYN: BENZENE, 1-METHYL-2-NITROSO- (9CI) * o-METHYLNITROSOBENZENE * NITROSOTOLUENE * o-NITROSOTOLUENE * 2-NITROSOTOLUENE
MUTATION DATA AND REFERENCES:
mma-sat 5 umol/plate JMCMAR 22,981,79
TUMORIGENIC DATA AND REFERENCES:
3V01L60M60 orl-rat TDLo:103 gm/kg/73W-C CALEDQ 16,103,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XT3480000 TOLUENE, 2-NITRO-alpha,alpha,alpha-TRIFLUORO-
UPDT:8312 CAS: 384-22-5 MW: 191.12 MOLFM: C7-H4-F3-N-O2
SYN: BENZENE, 1-NITRO-2-(TRIFLUOROMETHYL)- (9CI) * o-NITROBENZOTRIFLUORIDE * o-NITROBENZOTRIFLUORIDE (DOT) * o-(TRIFLUOROMETHYL)NITROBENZENE * UN 2306 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

XT3500000 TOLUENE, 3-NITRO-alpha,alpha,alpha-TRIFLUORO-
UPDT:8408 CAS: 98-46-4 MW: 191.12 MOLFM: C7-H4-F3-N-O2
SYN: m-NITROBENZOTRIFLUORIDE * 3-NITROBENZOTRIFLUORIDE * m-NITROBENZOTRIFLUORIDE (DOT) * m-NITROTRIFLUOROTOLUENE * m-NITROTRIFLUORTOLUOL (German) * TOLUENE, alpha,alpha,alpha-TRIFLUORO-m-NITRO- (8CI) * m-(TRIFLUOROMETHYL)NITROBENZENE * 3-TRIFLUOROMETHYLNITROBENZENE * UN 2306 (DOT) * USAF MA-5
TOXICITY DATA AND REFERENCES:
orl-rat LD50:610 mg/kg TPKVAL 10,131,68
* ihl-rat LC50:870 mg/kg 85GMAT -,92,82
orl-mus LD50:520 mg/kg TPKVAL 10,131,68
* ihl-mus LC50:880 mg/m3/2H 85GMAT -,92,82
ipr-mus LD50:100 mg/kg NTIS** AD277-689
scu-frg LDLo:573 mg/kg AEPPAE 130,250,28
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XT3510000 TOLUENE, 4-NITRO-alpha,alpha,alpha-TRIFLUORO-
UPDT:8312 CAS: 402-54-0 MW: 191.12 MOLFM: C7-H4-F3-N-O2
SYN: BENZENE, 1-NITRO-4-(TRIFLUOROMETHYL)- (9CI) * p-NITROBENZOTRIFLUORIDE * p-NITROBENZOTRIFLUORIDE (DOT) * p-NITRO(TRIFLUOROMETHYL)BENZENE * 4-(TRIFLUOROMETHYL)NITROBENZENE * UN 2306 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

p-TOLUENESULFANAMIDE see: XT5075000
4-TOLUENESULFANAMIDE see: XT5075000
TOLUENE-2-SULFONAMIDE see: XT4900000
TOLUENE-4-SULFONAMIDE see: XT5075000

XT4900000 o-TOLUENESULFONAMIDE
UPDT:8412 CAS: 88-19-7 MW: 171.23 MOLFM: C7-H9-N-O2-S
SYN: BENZENESULFONAMIDE, 2-METHYL- * o-METHYLBENZENESULFONAMIDE * 2-METHYLBENZENESULFONAMIDE * ONCO-CARBIDE * OXYUREA * ORTHO-TOLUOL-SULFONAMID (German) * OTS * TOLUENE-2-SULFONAMIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV 28ZPAK -,199,72
MUTATION DATA AND REFERENCES:
mma-sat 70 umol/plate 45OHAA -,170,80
sln-dmg-par 5 mmol/L MUREAV 56,163,77
sln-dmg-orl 2500 umol/L 45OHAA -,170,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T81 orl-rat TDLo:4300 mg/kg (1-22D preg/21D post) TXAPA9 51,455,79
1T29 orl-mus TDLo:1 gm/kg (10D preg) PCBRD2 109,339,82
TUMORIGENIC DATA AND REFERENCES:
3V03P61M61 orl-rat TDLo:13 gm/kg/96W-C ZKKOBW 91,19,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4870 mg/kg 28ZPAK -,199,72
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 22,111,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XT5075000 p-TOLUENESULFONAMIDE
UPDT:8412 CAS: 70-55-3 MW: 171.23 MOLFM: C7-H9-N-O2-S
SYN: p-METHYLBENZENESULFONAMIDE * 4-METHYLBENZENESULFONAMIDE * p-TOLUENESULFONYLAMIDE * p-TOSYLAMIDE * p-TOLUENESULFANAMIDE * 4-TOLUENESULFANAMIDE * TOLUENE-4-SULFONAMIDE * TOLUENE-p-SULPHONAMIDE * TOLYLSULFONAMIDE * p-TOLYLSULFONAMIDE * TOSYLAMIDE
MUTATION DATA AND REFERENCES:
mma-sat 40 umol/plate 45OHAA -,170,80
sln-dmg-orl 2500 umol/plate 45OHAA -,170,80
TOXICITY DATA AND REFERENCES:
orl-bwd LD50:75 mg/kg TXAPA9 21,315,72
ipr-mus LD50:250 mg/kg NTIS** AD691-490
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

XT5120000 p-TOLUENESULFONAMIDE, alpha-(3-AMIDINOGUANIDINO)-N,N-DIETHYL-, MONOHYDROCHLORIDE
UPDT:8405 MW: 362.93 MOLFM: C13-H22-N6-O2-S Cl-H
SYN: alpha-(3-AMIDINOGUANIDINO)-N,N-DIETHYL-p-TOLUENESULFONAMIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:170 mg/kg JAJAAA 18,196,65

XT5122000 p-TOLUENESULFONAMIDE, alpha-(3-AMIDINOGUANIDINO)-N,N-DIMETHYL-, MONOHYDROCHLORIDE
UPDT:8405 MW: 334.87 MOLFM: C11-H18-N6-O2-S Cl-H
SYN: alpha-(3-AMIDINOGUANIDINO)-N,N-DIMETHYL-p-TOLUENESULFONAMIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:217 mg/kg JAJAAA 18,196,65

XT5125000 p-TOLUENESULFONAMIDE, alpha-(3-AMIDINOGUANIDINO)-, MONOHYDROCHLORIDE
UPDT:8405 MW: 306.81 MOLFM: C9-H14-N6-O2-S Cl-H
SYN: alpha-(3-AMIDINOGUANIDINO)-p-TOLUENESULFONAMIDE MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg JAJAAA 18,196,65

XT5150000 p-TOLUENESULFONAMIDE, N-(5-AMINO-1-(CHLOROACETYL)PENTYL)-, L-
UPDT:8408 CAS: 2364-87-6 MW: 332.88 MOLFM: C14-H21-Cl-N2-O3-S
SYN: BENZENESULFONAMIDE, N-(5-AMINO-1-(CHLOROACETYL)PENTYL)-4-METHYL-, (S)- (9CI) * TLCK * TOSYLLYSINE CHLOROMETHYL KETONE * TOSYL-L-LYSINE CHLOROMETHYL KETONE * TOSYLLYSYL CHLOROMETHYL KETONE * alpha-TOSYL-L-LYSYLCHLOROMETHYL KETONE * N-alpha-TOSYL-L-LYSYL-CHLOROMETHYLKETONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 ipr-mus TDLo:280 mg/kg (28D pre) JPMSAE 70,60,81
1T24 iut-mus TDLo:160 mg/kg (2D preg) FESTAS 25,954,74
1T22 ivg-mus TDLo:280 mg/kg (28D pre) JPMSAE 70,60,81
1T01 ivg-mky TDLo:2 mg/kg (1D pre) BIREBV 20,1045,79
1T21 ivg-mky TDLo:40 mg/kg (5D pre) BIREBV 20,1045,79
1T22 ivg-rbt TDLo:7500 ug/kg (1D pre) FEPRA7 31,278,72
TOXICITY DATA AND REFERENCES:
3J30L01U01 ipr-mus LD50:59 mg/kg DCTODJ 3,227,80
3J30L01U01 scu-mus LD50:64 mg/kg DCTODJ 3,227,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XT5160000 p-TOLUENESULFONAMIDE, N-(5-AMINO-1-(CHLOROACETYL)PENTYL)-, HYDROCHLORIDE, L-
UPDT:8412 MW: 369.34 MOLFM: C14-H21-Cl-N2-O3-S Cl-H
SYN: L-N-(5-AMINO-1-(CHLOROACETYL)PENTYL)-p-TOLUENESULFONAMIDE HYDROCHLORIDE * TLCK HYDROCHLORIDE * N-alpha-p-TOSYL-L-LYSINE CHLOROMETHYL KETONE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 ivg-rbt TDLo:150 ug/kg (1D pre) CCPTAY 19,95,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XT5250000 p-TOLUENESULFONAMIDE, alpha-AMINO-, MONOACETATE
UPDT:8403 CAS: 13009-99-9 MW: 246.31 MOLFM: C7-H10-N2-O2-S C2-H4-O2
SYN: p-AMINOMETHYLBENZENESULFONAMIDE ACETATE * BENZENESULFONAMIDE, 4-(AMINOMETHYL)-, MONOACETATE (9CI) * MAFATATE * MAFENIDE ACETATE * MAPHENIDE ACETATE * SULFAMYLON ACETATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T26T34 scu-rat TDLo:7 gm/kg (8-14D preg) NICHAS 32,973,73
1T25 scu-mus TDLo:7 gm/kg (7-13D preg) NICHAS 32,973,73
1T34 scu-mus TDLo:7 mg/kg (7-13D preg) NICHAS 32,973,73
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1560 mg/kg IYKEDH 10,884,79
* ivn-rat LD50:1730 mg/kg IYKEDH 10,884,79
* ipr-mus LD50:3500 mg/kg IYKEDH 10,884,79
ivn-mus LD50:1580 mg/kg LIFSAK 5,2279,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XT5600000 p-TOLUENESULFONAMIDE, N,N-BIS(2,3-EPOXYPROPYL)-
UPDT:8305 CAS: 63040-98-2 MW: 283.37 MOLFM: C13-H17-N-O4-S
SYN: N,N-BIS(2,3-EPOXYPROPYL)-p-TOLUENESULFONAMIDE * N,N-DIGLYCIDYL-p-TOLUENESULFONAMIDE * N,N-DIGLYCIDYL-p-TOLUENESULPHONAMIDE
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-mus TDLo:17 gm/kg/43W-I FCTXAV 4,365,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XT5613500 p-TOLUENESULFONAMIDE, N-(alpha-(CHLOROACETYL)PHENETHYL)-, (-)-
UPDT:8407 MW: 351.87 MOLFM: C17-H18-Cl-N-O3-S

SYN: 1-N-(alpha-(CHLOROACETYL)PHENETHYL)-p-TOLUENESULFONAMIDE * L-1-TOSYLAMIDO-2-PHENYLETHYL CHLOROMETHYL KETONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 iut-mus TDLo:160 mg/kg (2D preg) FESTAS 25,954,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XT5617000 p-TOLUENESULFONAMIDE, N-CHLORO-, SODIUM SALT, TRIHYDRATE
UPDT:8409 CAS: 127-65-1 MW: 282.72 MOLFM: C7-H8-Cl-N-O2-S Na 3H2-O
SYN: CHLORAMINE T TRIHYDRATE * SODIUM p-TOLUENESULFONCHLORAMIDE TRIHYDRATE * SODIUM p-TOLUENESULFONYLCHLORAMIDE TRIHYDRATE

MUTATION DATA AND REFERENCES:
cyt-hmn:lym 100 ppm/24H ARMCAH 21,409,70

XT5760000 p-TOLUENESULFONAMIDE, alpha,alpha'-(ETHYLENEDIIMINO)BIS(N,N-DIMETHYL-
UPDT:8308 MW: 454.66 MOLFM: C20-H30-N4-O4-S2
SYN: alpha,beta-BIS(PARADIMETHYLAMIDO-SULPHONOBENZYLAMINO)-ETHANE * alpha,alpha'-(ETHYLENEDIIMINO)BIS(N,N-DIMETHYL-p-TOLUENESULFONAMIDE)

TOXICITY DATA AND REFERENCES:
3F07J22J30 ipr-mus LD50:760 mg/kg ANTCAO 9,557,59

XT5762000 p-TOLUENESULFONAMIDE, alpha,alpha'-(ETHYLENEDIIMINO)BIS(N,N-DIMETHYL-, DIACETATE
UPDT:8308 MW: 574.78 MOLFM: C20-H30-N4-O4-S2 2C2-H4-O2
SYN: alpha,beta-BIS(PARADIMETHYLAMIDO-SULPHONOBENZYLAMINO)-ETHANE DIACETATE * alpha,alpha'-(ETHYLENEDIIMINO)BIS(N,N-DIMETHYL-p-TOLUENESULFONAMIDE) DIACETATE

TOXICITY DATA AND REFERENCES:
3F07J22J30 ipr-mus LD50:624 mg/kg ANTCAO 9,557,59

XT5764000 p-TOLUENESULFONAMIDE, alpha,alpha'-(ETHYLENEDIIMINO)BIS(N,N-DIMETHYL-, DIHYDROCHLORIDE
UPDT:8308 MW: 527.58 MOLFM: C20-H30-N4-O4-S2 2Cl-H
SYN: alpha,beta-BIS(PARADIMETHYLAMIDO-SULPHONOBENZYLAMINO)-ETHANE DIHYDROCHLORIDE * alpha,alpha'-(ETHYLENEDIIMINO)BIS(N,N-DIMETHYL-p-TOLUENESULFONAMIDE) DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
3F07J22J30 ipr-mus LD50:660 mg/kg ANTCAO 9,557,59

XT5766000 p-TOLUENESULFONAMIDE, alpha,alpha'-(ETHYLENEDIIMINO)BIS(N,N-DIMETHYL- compd. with 3,3-DIMETHYL-7-OXO-6-((PHENYLACETYL)AMINO)-4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2- CARBOXYLIC ACID, HYDRATE (1:2:4)
UPDT:8308 MW: 1195.58 MOLFM: C20-H30-N4-O4-S2 2C16-H18-N2-O4-S 4H2-O

TOXICITY DATA AND REFERENCES:
3F07J22J30 ipr-mus LD50:2300 mg/kg ANTCAO 9,557,59

p-TOLUENESULFONAMIDE, N-(ETHYLMERCURI)-N-PHENYL- see: OW3850000

XT5950000 p-TOLUENESULFONAMIDE, N-METHYL-N-NITROSO-
UPDT:8401 CAS: 80-11-5 MW: 214.26 MOLFM: C8-H10-N2-O3-S
SYN: DIAZALD * DIAZALE * METHYLNITROSO-p-TOLUENESULFONAMIDE * N-NITROSO-N-METHYL-4-TOLYLSULFONAMIDE * TOLUENE-p-SULFONYLMETHYLNITROSAMIDE * p-TOLYLSULFONYL-METHYL-NITROSAMID (German) * p-TOLYLSULFONYLMETHYLNITROSAMIDE * p-TOLYLSULFONYLMETHYLNITROSAMINE

MUTATION DATA AND REFERENCES:
mmo-sat 14 umol/L ENMUDM 3,11,81
mmo-esc 14 umol/L ENMUDM 3,11,81
dns-rat:lvr 100 umol/L ENMUDM 3,11,81

TUMORIGENIC DATA AND REFERENCES:
3V03J60P62 ipr-mus TDLo:15 mg/kg CNREA8 30,11,70

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2700 mg/kg NATWAY 48,165,61
ipr-mus LD50:19 mg/kg CNREA8 30,11,70

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XT5995000 p-TOLUENESULFONAMIDE, alpha-(3,4,5-TRIIODOBENZENESULFONAMIDO)-
UPDT:8405 MW: 639.96 MOLFM: C13-H11-I3-N2-O4
SYN: alpha-(3,4,5-TRIIODOBENZENESULFONAMIDO)-p-TOLUENESULFONAMIDE * 4-N-(3,4,5-TRIIODOBENZENESULFONYL)-AMINO-METHYLBENZENESULFONAMIDE

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5000 mg/kg JAPMA8 43,495,54

p-TOLUENESULFONANILIDE, N-(ETHYLMERCURI)- see: OW3850000
TOLUENESULFONIC ACID see: XT6300000

XT6275000 TOLUENESULFONIC ACID, containing more than 5% free SULPHURIC ACID
UPDT:8312 CAS: 25231-46-3 MW: 172.21 MOLFM: C7-H8-O3-S
SYN: TOLUENE SULFONIC ACID, LIQUID (DOT) * TOLUENE SULPHONIC ACID, liquid, containing more than 5% free sulphuric acid (DOT) * TOLUENE SULPHONIC ACID, solid, containing more than 5% free sulphuric acid (DOT) * UN 2583 (DOT) * UN 2584 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82

XT6300000 p-TOLUENESULFONIC ACID
UPDT:8305 CAS: 104-15-4 MW: 172.21 MOLFM: C7-H8-O3-S
SYN: KYSELINA p-TOLUENESULFONOVA (Czech) * p-METHYLBENZENESULFONIC ACID * 4-METHYLBENZENESULFONIC ACID * p-METHYLPHENYLSULFONIC ACID * TOLUENESULFONIC ACID * 4-TOLUENESULFONIC ACID * p-TOLUENESULPHONIC ACID * p-TOLYLSULFONIC ACID * TOSIC ACID * TSA-HP * TSA-MH

TOXICITY DATA AND REFERENCES:
orl-rat LD50:2480 mg/kg MarJV# 29MAR77
orl-mus LD50:400 mg/kg 14CYAT 2,1841,63

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

4-TOLUENESULFONIC ACID see: XT6300000

XT6320000 m-TOLUENESULFONIC ACID, 6-AMINO-
UPDT:8305 CAS: 88-44-8 MW: 187.23 MOLFM: C7-H9-N-O3-S
SYN: 2-AMINO-5-METHYLBENZENESULFONIC ACID * 4-AMINOTOLUENE-3-SULFONIC ACID * 6-AMINO-m-TOLUENESULFONIC ACID * BENZENESULFONIC ACID, 2-AMINO-5-METHYL- * KYSELINA 4-TOLUIDIN-3-SULFONOVA (Czech) * PTMS * PTMSA * RED 4B ACID * p-TOLUIDINE-m-SULFONIC ACID

IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H MOD 28ZPAK -,183,72

TOXICITY DATA AND REFERENCES:
orl-rat LD50:12 gm/kg 28ZPAK -,183,72

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TOLUENE SULPHONIC ACID, liquid, containing more than 5% free sulphuric acid (DOT) see: XT6275000

XT6700000 p-TOLUENESULFONIC ACID, alpha-(3,5-DIIODOSULFANILAMIDO)-
UPDT:8405 MW: 594.19 MOLFM: C13-H12-I2-N2-O5-S2
SYN: alpha-(3,5-DIIODOSULFANILAMIDO)-p-TOLUENESULFONIC ACID * 4-N-(3,5-DIIODOSULFANILYL)-AMINOMETHYLBENZENESULFONIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5000 mg/kg JAPMA8 43,495,54

XT6720000 o-TOLUENESULFONIC ACID, S-ESTER with 2-(DIETHYLAMINO)ETHANETHIOL, HYDROCHLORIDE
UPDT:8405 CAS: 63980-06-3 MW: 323.93 MOLFM: C13-H21-N-O2-S2 Cl-H
SYN: N,N-DIETHYL-2-(p-TOLUENESULFONYLTHIO) ETHYLAMINE HYDROCHLORIDE * ETHYLAMINE, N,N-DIETHYL-2-(p-TOLUENE SULFONYLTHIO)-, HYDROCHLORIDE * p-TOLUENETHIOSULFONIC ACID, S-ESTER with 2-(DIETHYLAMINO)ETHANETHIOL, HYDROCHLORIDE * USAF IN-817

TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:50 mg/kg NTIS** AD277-689

XT6825000 p-TOLUENESULFONIC ACID, ETHYL ESTER
UPDT:8406 CAS: 80-40-0 MW: 200.27 MOLFM: C9-H12-O3-S
SYN: ETHYL p-METHYL BENZENESULFONATE * ETHYL PTS * ETHYL-p-TOLUENESULFONATE * ETHYL TOSYLATE * ETHYL p-TOSYLATE * p-TOLUOLSULFONSAEURE AETHYL ESTER (German)

MUTATION DATA AND REFERENCES:
mmo-sat 2000 ug/plate JJIND8 62,893,79
mma-sat 4700 ug/plate PNASA6 72,5135,75
dnr-esc 50 mg/L JJIND8 62,873,79
mrc-smc 1 pph JJIND8 62,901,79
otr-ham:emb 500 ug/L CRNGDP 1,323,80

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:50 mg/kg FCTXAV 6,576,68
2V03V10 scu-rat TD :3250 mg/kg/65W-I ZEKBAI 74,241,70

TOXICITY DATA AND REFERENCES:
scu-rat LD50:500 mg/kg ZEKBAI 74,241,70
* ipr-mus LD50:1000 mg/kg JJIND8 62,911,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XT6885000 p-TOLUENESULFONIC ACID, alpha-(p-IODOBENZENESULFONAMIDO)-
UPDT:8405 MW: 453.28 MOLFM: C13-H12-I-N-O5-S2
SYN: alpha-(p-IODOBENZENESULFONAMIDO)-p-TOLUENESULFONIC ACID * 4-N-(4-IODOBENZENESULFONYL)-AMINOMETHYLBENZENESULFONIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:5000 mg/kg JAPMA8 43,495,54

TOLUENE SULFONIC ACID, LIQUID (DOT) see: XT6275000

XT7000000 p-TOLUENESULFONIC ACID, METHYL ESTER
UPDT:8401 CAS: 80-48-8 MW: 186.24 MOLFM: C8-H10-O3-S
SYN: METHYLESTER KYSELINY p-TOLUENSULFONOVE (Czech) * METHYL p-METHYLBENZENESULFONATE * METHYL 4-METHYLBENZENESULFONATE * METHYL-p-TOLUENESULFONATE * METHYL TOLUENE-4-SULFONATE * METHYL TOSYLATE * METHYL p-TOSYLATE * p-TOLUOLSULFONSAEURE METHYL ESTER (German)

IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV 28ZPAK -,197,72
eye-rbt 500 mg/24H MOD 28ZPAK -,197,72

TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:1400 mg/kg/2Y ZEKBAI 74,241,70
2V03V10 scu-rat TDLo:50 mg/kg FCTXAV 6,576,68
3V03R60V10 scu-rat TD :800 mg/kg/54W-I ZEKBAI 74,241,70

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1000 mg/kg NCNSA6 5,42,53
scu-rat LD50:250 mg/kg ZEKBAI 74,241,70

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XT7350000 p-TOLUENESULFONIC ACID, SODIUM SALT
UPDT:8305 CAS: 657-84-1 MW: 195.20 MOLFM: C7-H8-O3-S Na
SYN: BENZENESULFONIC ACID, 4-METHYL-, SODIUM SALT (9CI) * NAXONATE HYDROTROPE * SODIUM p-METHYLBENZENESULFONATE * SODIUM PARATOLUENE SULPHONATE * SODIUM p-TOLUENESULFONATE * SODIUM p-TOLYL SULFONATE * SODIUM TOSYLATE * 4-TOLUENESULFONIC ACID SODIUM SALT

TOXICITY DATA AND REFERENCES:
ivn-mus LD50:1700 mg/kg BJPCAL 14,536,59

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

4-TOLUENESULFONIC ACID SODIUM SALT see: XT7350000

XT7350700 TOLUENESULFONIC ACID, containing not more than 5% free SULPHURIC ACID
UPDT:8312 CAS: 25231-46-3 MW: 172.21 MOLFM: C7-H8-O3-S
SYN: TOLUENE SULPHONIC ACID, liquid, containing not more than 5% free SULPHURIC ACID (DOT) * TOLUENE SULPHONIC ACID, solid, containing not more than 5% free SULPHURIC ACID (DOT) * UN 2585 (DOT) * UN 2586 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83

XT7365000 p-TOLUENESULFONIC ACID, alpha-(3,4,5-TRIIODOBENZENESULFONAMIDO)-
UPDT:8405 MW: 705.06 MOLFM: C13-H10-I3-N-O5-S2
SYN: alpha-(3,4,5-TRIIODOBENZENESULFONAMIDO)-p-TOLUENESULFONIC ACID * 4-N-(3,4,5-TRIIODOBENZENESULFONYL)-AMINO-METHYLBENZENESULFONIC ACID

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:4000 mg/kg JAPMA8 43,495,54

p-TOLUENESULFONYLAMIDE see: XT5075000
1-p-TOLUENESULFONYL-3-BUTYLUREA see: YS4550000

XT8050000 p-TOLUENESULFONYL FLUORIDE
UPDT:8311 CAS: 455-16-3 MW: 174.20 MOLFM: C7-H7-F-O2-S
SYN: BENZENESULFONYL FLUORIDE, 4-METHYL- (9CI) * p-METHYLBENZENESULFONYL FLUORIDE * 4-METHYLBENZENESULFONYL FLUORIDE * p-METHYLPHENYLSULFONYL FLUORIDE * PHENYLMETHANE SULFONYL FLUORIDE * PHENYLMETHYLSULFONYL FLUORIDE * PMSF * TOLUENE-4-SULFONYL FLUORIDE * TOLUENE-p-SULPHONYL FLUORIDE * TOSYL FLUORIDE

TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg NCNSA6 5,1,53
ipr-rat LD50:200 mg/kg NATUAS 173,33,54
1F12 ipr-mus LD50:215 mg/kg LIFSAK 31,1193,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TOLUENE-4-SULFONYL FLUORIDE see: XT8050000
N-(p-TOLUENESULFONYL)-N'-HEXAMETHYLENIMINOUREA see: YT4400000
TOLUENE-p-SULFONYLMETHYLNITROSAMIDE see: XT5950000
TOLUENE-p-SULPHONAMIDE see: XT5075000
p-TOLUENESULPHONIC ACID see: XT6300000
TOLUENE SULPHONIC ACID, solid, containing more than 5% free sulphuric acid (DOT) see: XT6275000
TOLUENE SULPHONIC ACID, liquid, containing not more than 5% free SULPHURIC ACID (DOT) see: XT7350700
TOLUENE SULPHONIC ACID, solid, containing not more than 5% free SULPHURIC ACID (DOT) see: XT7350700
TOLUENE-p-SULPHONYL FLUORIDE see: XT8050000
p-TOLUENETHIOSULFONIC ACID, S-ESTER with 2-(DIETHYLAMINO)ETHANETHIOL, HYDROCHLORIDE see: XT6720000

XT8650000 alpha-TOLUENETHIOL
UPDT:8401 CAS: 100-53-8 MW: 124.21 MOLFM: C7-H8-S
SYN: BENZYL MERCAPTAN * BENZYLTHIOL * (MERCAPTOMETHYL)BENZENE * alpha-MERCAPTOTOLUENE * METHANETHIOL, PHENYL- * PHENYLMETHANETHIOL * PHENYLMETHYL MERCAPTAN * THIOBENZYL ALCOHOL * alpha-TOLUOLTHIOL * alpha-TOLYL MERCAPTAN * USAF EK-1509

IRRITATION DATA AND REFERENCES:
eye-rbt 106 mg AIHAAP 19,171,58

TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:16 gm/kg/26W-I AJCAA7 15,2149,31

TOXICITY DATA AND REFERENCES:
3F07J25F24 orl-rat LD50:493 mg/kg AIHAAP 19,171,58
3F07J25F24 ipr-rat LD50:373 mg/kg AIHAAP 19,171,58
ipr-mus LD50:100 mg/kg NTIS** AD277-689

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
p-TOLUENETHIOL, S-ESTER with O-ETHYL ETHYLPHOSPHONODITHIOATE see: TA6125000
TOLUENE TRICHLORIDE see: XT9275000

XT9275000 TOLUENE, alpha,alpha,alpha-TRICHLORO-
UPDT:8408 CAS: 98-07-7 MW: 195.47 MOLFM: C7-H5-Cl3
SYN: BENZENE, (TRICHLOROMETHYL)- * BENZENYL CHLORIDE * BENZENYL TRICHLORIDE * BENZOIC TRICHLORIDE * BENZOTRICHLORIDE * BENZOTRICHLORIDE (DOT) * BENZYLIDYNE CHLORIDE * BENZYL TRICHLORIDE * CHLORURE DE BENZENYLE (French) * PHENYL CHLOROFORM * PHENYLTRICHLOROMETHANE * RCRA WASTE NUMBER U023 * TOLUENE TRICHLORIDE * TRICHLOORMETHYLBENZEEN (Dutch) * TRICHLORMETHYLBENZOL (German) * TRICHLOROMETHYLBENZENE * 1-(TRICHLOROMETHYL)BENZENE * TRICHLOROPHENYLMETHANE * alpha,alpha,alpha-TRICHLOROTOLUENE * omega,omega,omega-TRICHLOROTOLUENE * TRICLOROMETILBENZENE (Italian) * TRICLOROTOLUENE (Italian) * UN 2226 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open SEV AMIHBC 4,119,51
eye-rbt 50 ug open SEV AMIHBC 4,119,51
MUTATION DATA AND REFERENCES:
mma-sat 500 nmol/plate/20M MUREAV 58,143,78
mma-esc 500 nmol/plate/20M MUREAV 58,143,78
mrc-bcs 2600 nmol/disc MUREAV 58,143,78
TUMORIGENIC DATA AND REFERENCES:
3V01J60R60 skn-mus TDLo:9200 mg/kg/50W-I GANNA2 72,655,81
3V01J60R60 skn-mus TD :16320 mg/kg/31W-I GANNA2 72,655,81
3V01J60R60 skn-mus TD :17600 mg/kg/42W-I GANNA2 72,655,81
3V01J60R60 skn-mus TD :34000 mg/kg/31W-I GANNA2 72,655,81
3V01P62R60 skn-mus TD :35200 mg/kg/42W-I GANNA2 72,655,81
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6 gm/kg IARC** 29,73,82
3F23J25U01 ihl-rat LC50:19 ppm/2H IARC** 29,73,82
* orl-mus LD50:1300 mg/kg 85GMAT -,24,82
3A1;F17J25 ihl-mus LC50:8 ppm/2H IARC** 29,73,82
scu-frg LDLo:2150 mg/kg AEPPAE 130,250,28
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 29,73,82
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 29,73,82
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0582-0444;8EHQ-0980-0360;8EHQ-0777-0001
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XT9300000 TOLUENE, 2,3,6-TRICHLORO-
UPDT:8312 CAS: 2077-46-5 MW: 195.47 MOLFM: C7-H5-Cl3
SYN: BENZENE, 1,2,4-TRICHLORO-3-METHYL- * 2,3,6-TRICHLOROTOLUENE
TOXICITY DATA AND REFERENCES:
* unk-rat LD50:4800 mg/kg GISAAA 45(12),64,80
* orl-mus LD50:2000 mg/kg GISAAA 45(12),64,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XT9450000 TOLUENE, alpha,alpha,alpha-TRIFLUORO-
UPDT:8408 CAS: 98-08-8 MW: 146.12 MOLFM: C7-H5-F3
SYN: BENZENYL FLUORIDE * BENZOTRIFLUORIDE * BENZOTRIFLUORIDE (DOT) * BENZYLIDYNE FLUORIDE * PHENYLFLUOROFORM * (TRIFLUOROMETHYL)BENZENE * alpha,alpha,alpha-TRIFLUOROTOLUENE * omega-TRIFLUOROTOLUENE * UN 2338 (DOT) * USAF MA-16
TOXICITY DATA AND REFERENCES:
orl-rat LD50:15000 mg/kg TPKVAL 10,131,68
* ihl-rat LC50:70810 mg/m3/4H 85GMAT -,25,82
orl-mus LD50:10000 mg/kg TPKVAL 10,131,68
* ihl-mus LC50:92240 mg/m3/2H 85GMAT -,25,82
ipr-mus LD50:100 mg/kg NTIS** AD277-689
scu-frg LDLo:870 mg/kg AEPPAE 130,250,28
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
TOLUENE, alpha,alpha,alpha-TRIFLUORO-m-NITRO- (8CI) see: XT3500000

XU0150000 TOLUENE, alpha, alpha,m-TRINITRO-
UPDT:8308 MW: 227.15 MOLFM: C7-H5-N3-O6
SYN: m-NITROPHENYLDINITROMETHANE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

XU0172000 TOLUENE, 2,3,6-TRINITRO-
UPDT:8307 CAS: 18292-97-2 MW: 227.15 MOLFM: C7-H5-N3-O6
SYN: BENZENE, 1-METHYL-2,3,6-TRINITRO- * 2,3,6-TRINITROTOLUENE
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate ENMUDM 4,163,82
mma-sat 10 ug/plate ENMUDM 4,163,82

XU0174000 TOLUENE, 2,4,5-TRINITRO-
UPDT:8408 CAS: 610-25-3 MW: 227.15 MOLFM: C7-H5-N3-O6
SYN: BENZENE, 1-METHYL-2,4,5-TRINITRO- * 2,4,5-TRINITROTOLUENE
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate ENMUDM 4,163,82
mma-sat 10 ug/plate ENMUDM 4,163,82
TOXICITY DATA AND REFERENCES:
* scu-mus LD20:250 mg/kg 85GMAT -,117,82

XU0175000 TOLUENE, 2,4,6-TRINITRO-
UPDT:8408 CAS: 118-96-7 MW: 227.15 MOLFM: C7-H5-N3-O6
SYN: BENZENE, 2-METHYL-1,3,5-TRINITRO- * ENTSUFON * NCI-C56155 * TNT * alpha-TNT * TNT-TOLITE (French) * TOLIT * TOLITE * 2,4,6-TRINITROTOLUEEN (Dutch) * TRINITROTOLUENE * TRINITROTOLUENE, DRY or containing, by weight, less than 30% water (DOT) * s-TRINITROTOLUENE * sym-TRINITROTOLUENE * 2,4,6-TRINITROTOLUENE * s-TRINITROTOLUOL * sym-TRINITROTOLUOL * 2,4,6-TRINITROTOLUOL (German) * TRITOL * TRITON * TROJNITROTOLUEN (Polish) * TROTYL * TROTYL OIL * UN 0209 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD NTIS** AD-B011-150
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate NTIS** AD-A080-146
mma-sat 10 ug/plate NTIS** AD-A080-146
msc-mus:lym 40 mg/L CALEDQ 20,103,83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:5376 mg/kg (28D male) JTEHD6 9,565,82
TOXICITY DATA AND REFERENCES:
3F07F11F12 orl-rat LD50:795 mg/kg JTEHD6 9,565,82
3F07F11F12 orl-mus LD50:660 mg/kg JTEHD6 9,565,82
orl-cat LDLo:1850 mg/kg MRCSAB 58,32,21
scu-cat LDLo:200 mg/kg MRCSAB 58,32,21
orl-rbt LDLo:500 mg/kg MRCSAB 58,32,21
scu-rbt LDLo:500 mg/kg MRCSAB 58,32,21
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: NTIS** AD-778,725; CRTXB2 1(1),93,71; PAREAQ 4,1,52
★ TLV-TWA 500 ug/m3; STEL 3 mg/m3 (skin) DTLVS* 4,418,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1500 ug/m3 (skin) (SCP-Q) FEREAC 39,23540,74
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XU0180000 TOLUENE, 2,4,6-TRINITRO- (wet)
UPDT:8312 CAS: 118-96-7 MW: 227.15 MOLFM: C7-H5-N3-O6
SYN: TNT * alpha-TNT * TOLIT * TOLITE * TRINITROTOLUENE * sym-TRINITROTOLUENE * 2,4,6-TRINITROTOLUENE * TRINITROTOLUENE, wet containing at least 10% water, over 16 ozs. in one outside packaging * TRINITROTOLUENE, WET CONTAINING AT LEAST 10% WATER (DOT) * TRINITROTOLUENE, WETTED with not less than 30% water (DOT) * sym-TRINITROTOLUOL * TRITOL * TROTYL * TROTYL OIL * UN 0209 (DOT) * UN 1356 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

XU0183000 TOLUENE, 3,4,5-TRINITRO-
UPDT:8307 CAS: 603-15-6 MW: 227.15 MOLFM: C7-H5-N3-O6
SYN: BENZENE, 5-METHYL-1,2,3-TRINITRO- * 3,4,5-TRINITROTOLUENE
MUTATION DATA AND REFERENCES:
mmo-sat 500 ng/plate ENMUDM 4,163,82
mma-sat 500 ng/plate ENMUDM 4,163,82

XU0183500 TOLUENE, 2,4,6-TRINITRO-, mixed with HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (1:0.62)
UPDT:8406 MW: 449.30 MOLFM: C7-H5-N3-O6 C3-H6-N6-O6
SYN: LAP * alpha-TNT mixed with RDX * 2,4,6-TRINITROTOLUENE mixed with HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE
TOXICITY DATA AND REFERENCES:
3F07F12M14 orl-rat LD50:574 mg/kg JTEHD6 9,587,82
3F07F12M14 orl-mus LD50:947 mg/kg JTEHD6 9,587,82

XU0184000 TOLUENE, TRINITRO- mixed with HEXANITROSTILBENE
UPDT:8312
SYN: TRINITROTOLUENE mixed with HEXANITROSTILBENE (DOT) * UN 0388 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83

XU0184500 TOLUENE, TRINITRO- mixed with TRINITROBENZENE
UPDT:8312
SYN: TRINITROTOLUENE mixed with TRINITROBENZENE (DOT) * UN 0388 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83

XU0184600 TOLUENE, TRINITRO- mixed with TRINITROBENZENE and HEXANITROSTILBENE
UPDT:8312
SYN: TRINITROTOLUENE mixed with TRINITROBENZENE and HEXANITROSTILBENE (DOT) * UN 0389 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83
TOLUENE, VINYL- (mixed isomer) see: WL5075200
o-TOLUENO-AZO-beta-NAPHTHOL see: QL5425000
alpha-TOLUENOL see: DN3150000
ar-TOLUENOL see: GO5950000
p-TOLUHYDROQUINOL see: MX6700000
TOLUHYDROQUINONE see: MX6700000
p-TOLUHYDROQUINONE see: MX6700000
alpha-TOLUIC ACID see: AJ2430000
TOLUOL see: HP8780000

XU1594000 p-TOLUIC ACID, 3-BIS(2-CHLOROETHYL)AMINO-
UPDT:8308 CAS: 5977-35-5 MW: 276.18 MOLFM: C12-H15-Cl2-N-O2
SYN: BENZOIC ACID, 3-BIS(2-CHLOROETHYL)AMINO-4-METHYL- * ALKYROM * 3-BIS(2-CHLOROETHYL)AMINO-4-METHYLBENZOIC ACID * 3-BIS(2-CHLOROETHYL)AMINO-p-TOLUIC ACID * IOB 82 * NSC-1461711
MUTATION DATA AND REFERENCES:
cyt-hmn:leu 300 ug/L CCROBU 57,29,73
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:17 mg/kg CCROBU 54,319,70
1V30 unk-rat LD50:17 mg/kg NEOLA4 27,271,80
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

XU1637000 p-TOLUIC ACID, 3-(BIS(2-CHLOROPROPYL)AMINO)-
UPDT:8312 MW: 304.24 MOLFM: C14-H19-Cl2-N-O2
SYN: BENZOIC ACID, 3-(N,N-BIS(2-CHLOROPROPYL)AMINO)-4-METHYL- * 3-(BIS(2-CHLOROPROPYL)AMINO)-p-TOLUIC ACID
TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:34 mg/kg CTRRDO 62,2045,78
* unk-mam LD50:31 mg/kg EJMCA5 18,385,83
m-TOLUIC ACID DIETHYLAMIDE see: XS3675000
alpha-TOLUIC ACID, ETHYL ESTER see: AJ2824000

XU2030000 p-TOLUIC ACID, IMIDAZOL-4-YLMETHYL ESTER, MONOHYDROCHLORIDE
UPDT:8303 CAS: 18429-76-0 MW: 252.72 MOLFM: C12-H12-N2-O2 Cl-H
SYN: IMIDAZOLE-4-METHANOL, p-TOLUATE (ester), HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
3F05F17U26 ipr-mus LD50:500 mg/kg PCJOAU 2,360,68

XU2150000 p-TOLUIC ACID, METHYL ESTER
UPDT:8408 CAS: 99-75-2 MW: 150.19 MOLFM: C9-H10-O2
SYN: p-CARBOMETHOXYTOLUENE * METHYL p-METHYLBENZOATE * METHYL 4-METHYLBENZOATE * METHYL p-TOLUATE * METHYL 4-TOLUATE * MPT
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,873,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3300 mg/kg FCTXAV 17,873,79
* orl-mus LD50:3800 mg/kg 85GMAT -,87,82
* ipr-mus LD50:1250 mg/kg 85GMAT -,87,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XU2450000 m-TOLUIC ACID, alpha,alpha,alpha-TRIFLUORO-, THALLIUM SALT
UPDT:7901 CAS: 63980-13-2 MW: 393.49 MOLFM: C8-H4-F3-O2 Tl
SYN: BENZOIC ACID, m-TRIFLUOROMETHYL-, THALLIUM SALT * alpha,alpha,alpha-TRIFLUORO-m-TOLUIC ACID THALLIUM (I) SALT
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:50 mg/kg NCNSA6 5,43,53
REVIEW AND REFERENCES:
★ TLV-TWA 100 ug(Tl)/m3 DTLVS* 4,396,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Tl)/m3 (SCP-U) FEREAC 39,23540,74
alpha-TOLUIC ALDEHYDE see: CY1420000

TOLUIDENE BLUE O CHLORIDE see: SG1225000
m-TOLUIDIN (Czech) see: XU2800000
o-TOLUIDIN (Czech) see: XU2975000
p-TOLUIDIN (Czech) see: XU3150000

XU2800000 m-TOLUIDINE
UPDT:8312 CAS: 108-44-1 MW: 107.17 MOLFM: C7-H9-N
SYN: 3-AMINO-1-METHYLBENZENE * 3-AMINOPHENYLMETHANE * 3-AMINOTOLUEN (Czech) * m-AMINOTOLUENE * 3-AMINOTOLUENE * ANILINE, 3-METHYL- * m-METHYLANILINE * 3-METHYLANILINE * m-METHYLBENZENAMINE * 3-METHYLBENZENAMINE * m-TOLUIDIN (Czech) * 3-TOLUIDINE * m-TOLUIDINE (DOT) * m-TOLYLAMINE * UN 1708 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 2BZPAK -,66,72
eye-rbt 20 mg/24H SEV 2BZPAK -,66,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:450 mg/kg JPETAB 90,260,47
* orl-mus LD50:740 mg/kg GTPZAB 25(8),50,81
* ipr-mus LD50:116 mg/kg AISFAR 1,284,51
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XU2975000 o-TOLUIDINE
UPDT:8404 CAS: 95-53-4 MW: 107.17 MOLFM: C7-H9-N
SYN: 1-AMINO-2-METHYLBENZENE * 2-AMINO-1-METHYLBENZENE * o-AMINOTOLUENE * 2-AMINOTOLUENE * ANILINE, 2-METHYL- * BENZENAMINE, 2-METHYL- (9CI) * C.I. 37077 * 1-METHYL-2-AMINOBENZENE * 2-METHYL-1-AMINOBENZENE * o-METHYLANILINE * 2-METHYLANILINE * o-METHYLBENZENAMINE * 2-METHYLBENZENAMINE * o-TOLUIDIN (Czech) * 2-TOLUIDINE * o-TOLUIDINE (DOT) * O-TOLUIDYNA (Polish) * o-TOLYLAMINE * UN 1708 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AIHAAP 23,95,62
skn-rbt 500 mg/24H MOD 2BZPAK -,65,72
eye-rbt 20 mg/24H SEV 2BZPAK -,65,72
MUTATION DATA AND REFERENCES:
mma-sat 40 ug/plate PJABDW 53,34,77
dnr-esc 20 uL/plate JJIND8 62,873,79
pic-esc 100 mmol/L MDMIAZ 31,11,79
bfa-rat/sat 300 mg/kg MUREAV 79,173,80
dnd-mus-ipr 100 mg/kg ARTODN (Suppl 5),355,82
dni-mus-ipr 20 gm/kg ARGEAR 51,605,81
dni-mus-orl 200 mg/kg MUREAV 46,305,77
sce-ham-ipr 200 mg/kg MUREAV 113,33,83
sce-ham-orl 200 mg/kg MUREAV 113,33,83
TUMORIGENIC DATA AND REFERENCES:
2V03M60 orl-rat TDLo:7250 mg/kg/23W-C APMIAL 26,447,49
3V02J60T65 scu-mus TDLo:320 mg/kg (15-21D preg) BEXBAN 78,1402,74
2V03M60 scu-rbt TDLo:840 mg/kg/14W-I IARC** 27,155,82
TOXICITY DATA AND REFERENCES:
3M10M14P24 ihl-man TCLo:25 mg/m3 GTPZAB 14(8),7,70
3P05P08P24 orl-rat LD50:670 mg/kg IARC** 27,155,82
3P05P08P24 orl-mus LD50:520 mg/kg IARC** 27,155,82
ipr-mus LD50:150 mg/kg NTIS** AD691-490
orl-cat LDLo:300 mg/kg XPHBAO 271,49,41
3P05P08P24 orl-rbt LD50:840 mg/kg IARC** 27,155,82
1R10 skn-rbt LD50:3250 mg/kg AIHAAP 23,95,62
orl-frg LDLo:5 mg/kg XPHBAO 271,49,41
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 27,155,82
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 16,349,78
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 16,349,78
★ TLV-TWA 2 ppm (skin) DTLVS* 4,403,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 ppm (skin) (SCP-L) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 168, VOL 3 S168
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0348
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XU3150000 p-TOLUIDINE
UPDT:8403 CAS: 106-49-0 MW: 107.17 MOLFM: C7-H9-N
SYN: 4-AMINO-1-METHYLBENZENE * p-AMINOTOLUENE * 4-AMINOTOLUENE * 4-AMINOTOLUEN (Czech) * ANILINE, p-METHYL- * C.I. 37107 * C.I. AZOIC COUPLING COMPONENT 107 * p-METHYLANILINE * 4-METHYLANILINE * p-METHYLBENZENAMINE * 4-METHYLBENZENAMINE * NAPHTOL AS-KG * NAPHTOL AS-KGLL * p-TOLUIDIN (Czech) * 4-TOLUIDINE * p-TOLUIDINE (DOT) * TOLYLAMINE * p-TOLYLAMINE * UN 1708 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV BIOFX* 31-4/73
eye-rbt 100 mg SEV BIOFX* 31-4/73
eye-rbt 20 mg/24H SEV 2BZPAK -,66,72
MUTATION DATA AND REFERENCES:
dns-rat:lvr 100 umol/L ENMUDM 5,803,83
dnd-mus-ipr 35 mg/kg ARTODN (Suppl 5),355,82
dni-mus-orl 200 mg/kg MUREAV 46,305,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:656 mg/kg BIOFX* 31-4/73
* orl-mus LD50:330 mg/kg GTPZAB 25(8),50,81
ipr-mus LD50:50 mg/kg NTIS** AD691-490
orl-bwd LD50:42 mg/kg TXAPA9 21,315,72
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

2-TOLUIDINE see: XU2975000
3-TOLUIDINE see: XU2800000
4-TOLUIDINE see: XU3150000
o-TOLUIDINE, 4-((p-AMINOPHENYL)(4-IMINO-2,5-CYCLOHEXADIEN-1-YLIDENE)METHYL)- see: CX9849000

XU3325000 m-TOLUIDINE ANTIMONYL TARTRATE
UPDT:7901 CAS: 64011-34-3
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:29 mg(Sb)/kg AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**

XU3500000 o-TOLUIDINE ANTIMONYL TARTRATE
UPDT:8104 CAS: 64011-35-4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:20 mg(Sb)/kg AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**

XU3675000 p-TOLUIDINE ANTIMONYL TARTRATE
UPDT:7901 CAS: 64011-36-5
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:22 mg(Sb)/kg AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**

XU3676000 TOLUIDINE, BENZYL-N-ETHYL-
UPDT:8312 MW: 134.22 MOLFM: C9-H12-N
SYN: N-ETHYLBENZYLTOLUIDINES (DOT) * UN 2753 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

m-TOLUIDINE, N,N-BIS(2-HYDROXYETHYL)- see: KM3360000

XU3705000 o-TOLUIDINE, N,N-BIS(2-HYDROXYETHYL)-
UPDT:8305 CAS: 28005-74-5 MW: 195.29 MOLFM: C11-H17-N-O2
SYN: DI-(HYDROXYETHYL)-o-TOLYLAMINE * EMERY 5712 * ETHANOL, 2,2'-((2-METHYLPHENYL)IMINO)BIS-(9CI) * ETHANOL, 2,2'-(o-TOLYLIMINO)DI- (8CI) * o-TOLYLDIETHANOLAMINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2200 mg/kg AIHAAP 23,95,62
* skn-rbt LD50:1000 mg/kg AIHAAP 23,95,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TOLUIDINE BLUE see: SG1225000
TOLUIDINE BLUE O see: SG1225000

XU4550000 p-TOLUIDINE, N-BUTYL-N-ETHYL-alpha,alpha,alpha-TRIFLUORO-2,6-DINITRO-
UPDT:8309 CAS: 1861-40-1 MW: 335.32 MOLFM: C13-H16-F3-N3-O4
SYN: BALAN * BALFIN * BANAFINE * BENALAN * BENEFEX * BENEFIN * BENFLURALIN * BETHRODINE * BINNELL * BLULAN * BONALAN * N-BUTYL-2,6-DINITRO-N-ETHYL-4-TRIFLUOROMETHYLANILINE * N-BUTYL-N-ETHYL-2,6-DINITRO-4-(TRIFLUOROMETHYL)BENZENAMINE * N-BUTYL-N-ETHYL-alpha,alpha,alpha-TRIFLUORO-2,6-DINITRO-p-TOLUIDINE * CARPIDOR * EL-110 * EMBLEM * L 54521 * QUILAN * alpha,alpha,alpha-TRIFLUORO-2,6-DINITRO-N,N-ETHYLBUTYL-p-TOLUIDINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:10 gm/kg FMCHA2 -,C94,83
orl-mus LD50:5 gm/kg 26UZAB 6,263,68

XU4650000 m-TOLUIDINE, CHLORO-
UPDT:8312 MW: 141.61 MOLFM: C7-H8-Cl-N
SYN: CHLORO-m-TOLUIDINE (DOT) * UN 2239 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

XU4700000 o-TOLUIDINE, CHLORO-
UPDT:8312 MW: 141.61 MOLFM: C7-H8-Cl-N
SYN: CHLORO-o-TOLUIDINE (DOT) * UN 2239 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

XU5000000 o-TOLUIDINE, 4-CHLORO-
UPDT:8408 CAS: 95-69-2 MW: 141.61 MOLFM: C7-H8-Cl-N
SYN: AMARTHOL FAST RED TR BASE * 2-AMINO-5-CHLOROTOLUENE * AZOENE FAST RED TR BASE * AZOGENE FAST RED TR * AZOIC DIAZO COMPONENT 11, BASE * BRENTAMINE FAST RED TR BASE * 5-CHLORO-2-AMINOTOLUENE * 4-CHLORO-2-METHYLANILINE * 4-CHLORO-2-METHYLBENZENEAMINE * 4-CHLORO-2-TOLUIDINE * 4-CHLORO-6-METHYLANILINE * 4-CHLORO-o-TOLUIDINE * DAITO RED BASE TR * DEVAL RED K * DEVAL RED TR * DIAZO FAST RED TRA * FAST RED BASE TR * FAST RED 5CT BASE * FAST RED TR * FAST RED TR11 * FAST RED TR BASE * FAST RED TRO BASE * KAKO RED TR BASE * KAMBAMINE RED TR * 2-METHYL-4-CHLOROANILINE * MITSUI RED TR BASE * RED BASE CIBA IX * RED BASE IRGA IX * RED BASE NTR * RED TR BASE * SANYO FAST RED TR BASE * TULABASE FAST RED TR
MUTATION DATA AND REFERENCES:
mma-sat 1 umol/plate MUREAV 77,317,80
oms-hmn:hla 1 mmol/L BECTA6 11,184,74
slt-mus-orl 12 gm/kg/3D-I MUREAV 135,219,84
dni-mus-orl 200 mg/kg MUREAV 46,305,77
dnd-ham:lng 3 mmol/L/2H MUREAV 77,317,80
TOXICITY DATA AND REFERENCES:
scu-cat LDLo:310 mg/kg AHBAAM 110,12,33
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 30,61,83
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 16,277,78
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 16,277,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XU5075000 o-TOLUIDINE, 5-CHLORO-
UPDT:8412 CAS: 95-79-4 MW: 141.61 MOLFM: C7-H8-Cl-N
SYN: ACCO FAST RED KB BASE * 1-AMINO-3-CHLORO-6-METHYLBENZENE * 2-AMINO-4-CHLOROTOLUENE * ANSIBASE RED KB * AZOENE FAST RED KB BASE * AZOIC DIAZO COMPONENT 32 * 4-CHLORO-2-AMINOTOLUENE * 3-CHLORO-6-METHYLANILINE * 5-CHLORO-2-METHYLANILINE * 5-CHLORO-o-TOLUIDINE * FAST RED KB AMINE * FAST RED KB BASE * FAST RED KB SALT * FAST RED KB SALT SUPRA * FAST RED KBS SALT * GENAZO RED KB SOLN * HILTONIL FAST RED KB BASE * LAKE RED BK BASE * METROGEN RED FORMER KB SOLN * NAPHTHOSOL FAST RED KB BASE * NCI-C02051 * PHARMAZOID RED KB * RED KB BASE * SPECTROLENE RED KB * STABLE RED KB BASE
MUTATION DATA AND REFERENCES:
dni-mus-orl 200 mg/kg MUREAV 46,305,77
TUMORIGENIC DATA AND REFERENCES:
2V03N61 orl-rat TDLo:164 gm/kg/78W-C NCITR* NCI-CG-TR-187,79
3V01H60L60 orl-mus TDLo:131 gm/kg/78W-C NCITR* NCI-CG-TR-187,79
3V01H60L60 orl-mus TD :262 gm/kg/78W-C NCITR* NCI-CG-TR-187,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:464 mg/kg NCILB* NCI-E-C-72-3252
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-187,79)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:RAT (NCITR* NCI-CG-TR-187,79)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XU5108000 p-TOLUIDINE, CHLORO-
UPDT:8312 MW: 141.61 MOLFM: C7-H8-Cl-N

SYN: CHLORO-p-TOLUIDINE (DOT) * UN 2239 (DOT)

STANDARDS & REGULATIONS:

★	DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS	CFRGBR 49,172.102,83

XU5111000 p-TOLUIDINE, 3-CHLORO-

UPDT:8412 CAS: 95-74-9 MW: 141.61 MOLFM: C7-H8-Cl-N

SYN: 1-AMINO-3-CHLORO-4-METHYLBENZENE * 4-AMINO-2-CHLOROTOLUENE * 2-CHLORO-4-AMINOTOLUENE * 3-CHLORO-4-METHYLANILINE * 3-CHLORO-p-TOLUIDINE * CPT * DKC 1347 * DRC 1339 * NCI-C02040

MUTATION DATA AND REFERENCES:

	dni-mus-orl 200 mg/kg	MUREAV 46,305,77

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1500 mg/kg	TXAPA9 21,315,72
	ipr-rat LD50:325 mg/kg	TXAPA9 18,517,71
	ivn-rat LD50:48 mg/kg	TXAPA9 18,517,71
	orl-mus LD50:316 mg/kg	NCILB* NCI-E-C-72-3252
	orl-pgn LD50:13 mg/kg	TXAPA9 21,315,72
	orl-bwd LD50:2 mg/kg	TXAPA9 21,315,72
	orl-brd LD50:316 mg/kg	TXAPA9 21,315,72

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-145,78)

REPORTED IN EPA TSCA INVENTORY, 1983

XU5160000 p-TOLUIDINE, N-(2-CHLOROETHYL)-2,6-DINITRO-N-PROPYL-alpha,alpha,alpha-TRIFLUORO-

UPDT:8411 CAS: 33245-39-5 MW: 355.73 MOLFM: C12-H13-Cl-F3-N3-O4

SYN: BAS 392-H * BASALIN * N-(2-CHLOROETHYL)-2,6-DINITRO-N-PROPYL-4-(TRIFLUOROMETHYL)ANILINE * N-(2-CHLOROETHYL)-2,6-DINITRO-N-PROPYL-4-(TRIFLUOROMETHYL)BENZENAMIDF * N-(2-CHLOROETHYL)-alpha,alpha,alpha-TRIFLUORO-2,6-DINITRO-N-PROPYL-p-TOLUIDINE * FLUCHLORALIN * N-PROPYL-N-(2-CHLOROETHYL)-alpha,alpha,alpha-TRIFLUORO-2,6-DINITRO-p-TOLUIDINE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1550 mg/kg	FMCHA2 -,C26,83
	unk-mus LD50:730 mg/kg	GUCHAZ 6,434,73
	unk-rbt LD50:8000 mg/kg	GUCHAZ 6,434,73

XU5250000 o-TOLUIDINE, 4-CHLORO-, HYDROCHLORIDE

UPDT:8412 CAS: 3165-93-3 MW: 178.07 MOLFM: C7-H8-Cl-N .Cl-H

SYN: AMARTHOL FAST RED TR BASE * AMARTHOL FAST RED TR SALT * 2-AMINO-5-CHLOROTOLUENE HYDROCHLORIDE * AZANIL RED SALT TRD * AZOENE FAST RED TR SALT * AZOIC DIAZO COMPONENT 11 BASE * AZOGENE FAST RED TR * BENZENAMINE, 4-CHLORO-2-METHYL-, HYDROCHLORIDE * BRENTAMINE FAST RED TR SALT * CHLORHYDRATE de 4-CHLOROORTHOTOLUIDINE (French) * 5-CHLORO-2-AMINOTOLUENE HYDROCHLORIDE * 4-CHLORO-2-METHYLBENZENAMINE HYDROCHLORIDE * 4-CHLORO-2-METHYLANILINE HYDROCHLORIDE * 4-CHLORO-6-METHYLANILINE HYDROCHLORIDE * 4-CHLORO-2-TOLUIDINE HYDROCHLORIDE * 4-CHLORO-o-TOLUIDINE HYDROCHLORIDE * 4-CHLORO-o-TOLUIDINE HYDROCHLORIDE (DOT) * C.I. 37085 * C.I. AZOIC DIAZO COMPONENT 11 * DAITO RED SALT TR * DEVOL RED K * DEVOL RED TA SALT * DEVOL RED TR * DIAZO FAST RED TR * DIAZO FAST RED TRA * FAST RED 5CT SALT * FAST RED SALT TR * FAST RED SALT TRA * FAST RED SALT TRN * FAST RED TR SALT * HINDASOL RED TR SALT * KROMON GREEN B * 2-METHYL-4-CHLOROANILINE HYDROCHLORIDE * NATASOL FAST RED TR SALT * NCI-C02368 * NEUTROSEL RED TRVA * OFNA-PERL SALT RRA * RCRA WASTE NUMBER U049 * RED BASE CIBA IX * RED BASE IRGA IX * RED SALT CIBA IX * RED SALT IRGA IX * RED TRS SALT * SANYO FAST RED SALT TR * UN 1579 (DOT)

TUMORIGENIC DATA AND REFERENCES:

2V01H60	orl-mus TDLo:49 gm/kg/78W-C	JEPTDQ 2(2),325,78
2V01H60	orl-mus TD :104 gm/kg/99W-C	NCITR* NCI-CG-TR-165,78
2V01H60	orl-mus TD :108 gm/kg/78W-C	JEPTDQ 2(2),325,78
2V01L60	orl-mus TD :216 gm/kg/78W-C	JEPTDQ 2(2),325,78
2V01L60	orl-mus TD :97 gm/kg/78W-C	JEPTDQ 2(2),325,78

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:560 mg/kg	NCIBR* NCI-E-68-1311,10,73
	ipr-mus LD50:680 mg/kg	NCIBR* NCI-E-68-1311,10,73

REVIEW AND REFERENCES:

★	CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 16,277,78
★	CARCINOGENIC REVIEW:HUMAN INDEFINITE	IARC** 16,277,78

STANDARDS & REGULATIONS:

★	DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172.101,82

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-165,79)

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-165,79)

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XU5500000 p-TOLUIDINE, N-(p-CHLOROPHENYL)-alpha,alpha,alpha-TRIFLUORO-2-NITRO-

UPDT:8309 CAS: 3567-95-1 MW: 316.68 MOLFM: C13-H8-Cl-F3-N2-O2

SYN: BAYER 31757 * N-(4-CHLOROPHENYL)-2-NITRO-4-(TRIFLUOROMETHYL)BENZENEAMINE * ENT 25,618 * DIPHENYLAMINE, 4'-CHLORO-3-NITRO-4-(TRIFLUOROMETHYL)-

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:500 mg/kg	ARSIM* 20,4,66

XU5785000 p-TOLUIDINE, N-(CYCLOPROPYLMETHYL)-2,6-DINITRO-N-PROPYL-alpha,alpha,alpha-TRIFLUORO-

UPDT:8310 CAS: 26399-36-0 MW: 347.33 MOLFM: C14-H16-F3-N3-O4

SYN: N-(CYCLOPROPYLMETHYL)-alpha,alpha,alpha-TRIFLUORO-2,6-DINITRO-N-PROPYL-p-TOLUIDINE * CGA 10832 * ER5461 * GA-10832 * PREGARD * PROFLURALIN * TOLBAN

IRRITATION DATA AND REFERENCES:

	skn-rbt 218 mg open MLD	CIGET* -,-,77
	eye-rbt 44 mg SEV	CIGET* -,-,77

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1808 mg/kg	FMCHA2 -,C237,83
	ihl-rat LCLo:3970 mg/m3	CIGET* -,-,77
	skn-rbt LD50:13754 mg/kg	CIGET* -,-,77

XU5792000 p-TOLUIDINE, alpha-(2-(DIETHYLAMINO)ETHOXY)-

UPDT:8411 CAS: 23043-24-5 MW: 222.37 MOLFM: C13-H22-N2-O

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:250 mg/kg	CHTPBA 5,10,70

XU5803000 p-TOLUIDINE, N,N-DIMETHYL-

UPDT:8404 CAS: 99-97-8 MW: 135.23 MOLFM: C9-H13-N

SYN: BENZENAMINE, N,N,4-TRIMETHYL- * DIMETIL-p-TOLUIDINA (Italian) * DIMETHYL-p-TOLUIDINE * N,N,4-TRIMETHYLANILINE * p,N,N-TRIMETHYLANILINE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:212 mg/kg	AISFAR 1,284,51

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 280*

'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

REPORTED IN EPA TSCA INVENTORY, 1983

p-TOLUIDINE, N,N-DIMETHYL-alpha-INDOLYLIDENE see: NK8350000

XU5950000 m-TOLUIDINE, N,N-DIMETHYL-4-(PHENYLAZO)-

UPDT:8406 CAS: 54-88-6 MW: 239.35 MOLFM: C15-H17-N3

SYN: N,N-DIMETHYL-4-(PHENYLAZO)-m-TOLUIDINE * 2-MeDAB * 2-METHYL-DAB * 2-METHYL-N,N-DIMETHYL-4-AMINOAZOBENZENE * 2-METHYL-4-DIMETHYLAMINOAZOBENZENE * 2,N,N-TRIMETHYL-4-AMINOAZOBENZENE

MUTATION DATA AND REFERENCES:

	mma-sat 120 ug/plate	PNASA6 72,5135,75
	mrc-smc 5 pph	JJIND8 62,901,79
	otr-rat:emb 1200 ug/L	JJIND8 67,1303,81
	dnd-rat-orl 630 ppm	IJCNAW 13,1,74
	dns-rat:lvr 1 umol/L	CNREA8 42,3010,82
	dni-rat-orl 1080 mg/kg/30D-I	CBINA8 48,221,84
	oms-rat-orl 1080 mg/kg/30D-I	CBINA8 48,221,84
	sce-rat:lvr 40 umol/L	MUREAV 93,409,82
	sce-rat:oth 40 umol/L	MUREAV 93,409,82
	cyt-ham:lng 110 mg/L	GMCRDC 27,95,81
	sce-ham:fbr 40 umol/L	MUREAV 93,409,82

TUMORIGENIC DATA AND REFERENCES:

3V02J60L60	scu-mus TDLo:40 mg/kg/5D-I	JNCIAM 47,593,71

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:345 mg/kg	JJIND8 62,911,79

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XU6000000 o-TOLUIDINE, N,N-DIMETHYL-4-(PHENYLAZO)-

UPDT:8401 CAS: 3732-90-9 MW: 239.35 MOLFM: C15-H17-N3

SYN: 3-METHYL-4-DAB * 3-METHYL-4-DIMETHYLAMINOAZOBENZENE

TUMORIGENIC DATA AND REFERENCES:

2V03L60	orl-rat TDLo:3900 mg/kg/17W-C	EXPEAM 19,316,63

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XU6125000 p-TOLUIDINE, 2,6-DINITRO-N,N-DIPROPYL-

UPDT:8309 CAS: 1918-08-7 MW: 281.35 MOLFM: C13-H19-N3-O4

SYN: 2,6-DINITRO-N,N-DIPROPYL-p-TOLUIDINE * 2,6-DINITRO-N,N-DI-n-PROPYL-p-TOLUIDINE * DIPROPALIN * N,N-DI-n-PROPYL-2,6-DINITRO-4-METHYLANILINE * N,N-DIPROPYL-2,6-DINITRO-p-TOLUIDINE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:3600 mg/kg	28ZEAL 4,201,69

m-TOLUIDINE (DOT) see: XU2800000

o-TOLUIDINE (DOT) see: XU2975000

p-TOLUIDINE (DOT) see: XU3150000

XU6400000 m-TOLUIDINE, N-ETHYL-

CAS: 102-27-2 MW: 135.23 MOLFM: C9-H13-N

SYN: BENZENAMINE, N-ETHYL-3-METHYL- (9CI) * N-ETHYL-3-METHYLANILINE * N-ETHYLTOLUIDINE * N-ETHYL-m-TOLUIDINE (DOT) * UN 2754 (DOT)

STANDARDS & REGULATIONS:

★	DOT-IMO:POISON B; LABEL:FLAMMABLE LIQUID AND POISON	CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

XU6440000 o-TOLUIDINE, N-ETHYL-

UPDT:8401 CAS: 94-68-8 MW: 135.23 MOLFM: C9-H13-N

SYN: BENZENAMINE, N-ETHYL-2-METHYL- (9CI) * 2-(ETHYLAMINO)TOLUENE * N-ETHYL-o-TOLUIDINE (DOT) * UN 2754 (DOT)

STANDARDS & REGULATIONS:

★	DOT-IMO:POISON B; LABEL:FLAMMABLE LIQUID AND POISON	CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

XU6450000 p-TOLUIDINE, N-ETHYL-

UPDT:8401 CAS: 622-57-1 MW: 135.23 MOLFM: C9-H13-N

SYN: N-ETHYL-p-TOLUIDINE (DOT) * UN 2754 (DOT)

STANDARDS & REGULATIONS:

★	DOT-IMO:POISON B; LABEL:FLAMMABLE LIQUID AND POISON	CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

XU7175000 m-TOLUIDINE, HYDROCHLORIDE

UPDT:8401 CAS: 638-03-9 MW: 143.63 MOLFM: C7-H9-N .Cl-H

TUMORIGENIC DATA AND REFERENCES:

2V03L60	orl-mus TDLo:475 gm/kg/78W-C	JEPTDQ 2(2),325,78
2V03L60	orl-mus TD :950 gm/kg/78W-C	JEPTDQ 2(2),325,78

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:660 mg/kg	JEPTDQ 2(2),325,78
	ipr-mus LD50:650 mg/kg	NCIBR* NCI-E-68-1311,10,73
	scu-frg LDLo:574 mg/kg	AEPPAE 130,250,28

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XU7350000 o-TOLUIDINE, HYDROCHLORIDE

UPDT:8412 CAS: 636-21-5 MW: 143.63 MOLFM: C7-H9-N .Cl-H

SYN: 1-AMINO-2-METHYLBENZENE HYDROCHLORIDE * 2-AMINO-1-METHYLBENZENE HYDROCHLORIDE * 2-AMINOTOLUENE HYDROCHLORIDE * o-AMINOTOLUENE HYDROCHLORIDE * BENZENAMINE, 2-METHYL-, HYDROCHLORIDE * 1-METHYL-2-AMINOBENZENE HYDROCHLORIDE * 2-METHYL-1-AMINOBENZENE HYDROCHLORIDE * o-METHYLANILINE HYDROCHLORIDE * 2-METHYLANILINE HYDROCHLORIDE * o-METHYLBENZENAMINE HYDROCHLORIDE * 2-METHYLBENZENAMINE HYDROCHLORIDE * NCI-C02335 * RCRA WASTE NUMBER U222 * o-TOLUIDIN HYDROCHLORIDE * 2-TOLUIDINE HYDROCHLORIDE * o-TOLYLAMINE HYDROCHLORIDE

MUTATION DATA AND REFERENCES:

	mma-sat 50 ug/plate	PMRSDJ 1,351,81
	mma-esc 50 ug/plate	PMRSDJ 1,351,81
	dnr-esc 500 mg/L	PMRSDJ 1,195,81
	pic-esc 2500 mg/L	PMRSDJ 1,224,81
	dnd-bcs 20 uL/disc	PMRSDJ 1,175,81
	dnr-smc 300 mg/L	PMRSDJ 1,502,81
	mrc-smc 50 mg/L	PMRSDJ 1,491,81
	sln-smc 50 mg/L	PMRSDJ 1,468,81
	otr-ham:kdy 250 mg/L	PMRSDJ 1,638,81

TUMORIGENIC DATA AND REFERENCES:

3V01P60R60	orl-rat TDLo:117 gm/kg/101W-C	NCITR* NCI-CG-TR-153,79
3V01H60L60	orl-mus TDLo:146 gm/kg/2Y-C	NCITR* NCI-CG-TR-153,79
3V01P60H60	orl-rat TD :159 gm/kg/2Y-C	NCITR* NCI-CG-TR-153,79
3V01H60L60	orl-mus TD :262 gm/kg/2Y-C	NCITR* NCI-CG-TR-153,79
3V01R60P60	orl-rat TD :125 gm/kg/73W-C	CALEDQ 16,103,82
2V01H60	orl-mus TD :1210 gm/kg/78W-C	JEPTDQ 2(2),325,78
3V01P60R60	orl-rat TD :233 gm/kg/101W-C	NCITR* NCI-CG-TR-153,79
3V01H60L60	orl-mus TD :2142 gm/kg/2Y-C	IARC** 27,155,82
2V01H60	orl-mus TD :12936 gm/kg/77W-C	IARC** 27,155,82
3V01M60P60	orl-rat TD :2121 gm/kg/2Y-C	IARC** 27,155,82
3V01M60P60	orl-rat TD :4242 gm/kg/2Y-C	IARC** 27,155,82
3V01M60N60	orl-rat TD :12936 gm/kg/77W-C	IARC** 27,155,82

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2951 mg/kg	JPETAB 167,223,69
	ipr-rat LD50:150 mg/kg	NCIBR* NCI-E-68-1311,10,73
*	orl-mus LD50:1100 mg/kg	GTPZAB 25(8),50,81
	ipr-mus LD50:113 mg/kg	NCIBR* NCI-E-68-1311,10,73

REVIEW AND REFERENCES:

★	CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 16,349,78
★	CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 27,155,82

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-153,79)

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XU7525000 p-TOLUIDINE, HYDROCHLORIDE
UPDT:8401 CAS: 540-23-8 MW: 143.63 MOLFM: C7-H9-N Cl-H
SYN: 4-AMINOTOLUENE HYDROCHLORIDE * BENZENAMINE, 4-METHYL-, HYDROCHLORIDE (9CI) * 4-METHYLANILINE HYDROCHLORIDE * p-TOLUIDINIUM CHLORIDE
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-mus TDLo:86 gm/kg/78W-C JEPTDQ 2(2),325,78
2V03L60 orl-mus TD :43 gm/kg/78W-C JEPTDQ 2(2),325,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1285 mg/kg JPETAB 167,223,69
ipr-rat LD50:265 mg/kg NCIBR* NCI-E-68-1311,10,73
ipr-mus LD50:399 mg/kg NCIBR* NCI-E-68-1311,10,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-TOLUIDINE HYDROCHLORIDE see: XU7350000

XU7886000 m-TOLUIDINE, 5-METHOXY-N-NITRO-2,4,6-TRINITROSO-
UPDT:8308 MW: 269.20 MOLFM: C8-H7-N5-O6
SYN: 5-METHOXY-N-NITRO-2,4,6-TRINITROSO-m-TOLUIDINE * 2,4,6-TRINITROSO-3-METHYLNITRAMINOANISOLE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

XU7900000 o-TOLUIDINE, N-METHYL-4-(PHENYLAZO)-
UPDT:8401 CAS: 64-01-7 MW: 224.31 MOLFM: C14-H14-N3
SYN: N-METHYL-3-METHYL-p-AMINOAZOBENZENE * 3-METHYL-4-MONOMETHYLAMINOAZOBENZENE
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:9864 mg/kg/39W-C JEMEAV 87,139,48
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XU8040000 m-TOLUIDINE, NITRO-
UPDT:8312 MW: 152.17 MOLFM: C7-H8-N2-O2
SYN: MONONITRO-m-TOLUIDINE (DOT) * NITRO-m-TOLUIDINE * UN 2660 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

XU8150000 o-TOLUIDINE, NITRO-
UPDT:8312 MW: 152.17 MOLFM: C7-H8-N2-O2
SYN: MONONITRO-o-TOLUIDINE (DOT) * NITRO-o-TOLUIDINE * UN 2660 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

XU8225000 o-TOLUIDINE, 5-NITRO-
UPDT:8412 CAS: 99-55-8 MW: 152.17 MOLFM: C7-H8-N2-O2
SYN: AMARTHOL FAST SCARLET G BASE * AMARTHOL FAST SCARLET G SALT * 2-AMINO-4-NITROTOLUENE * AZOENE FAST SCARLET GC BASE * AZOENE FAST SCARLET GC SALT * AZOFIX SCARLET G SALT * AZOGENE FAST SCARLET G * BENZENAMINE, 2-METHYL-5-NITRO- * C.I. 37105 * C.I. AZOIC DIAZO COMPONENT 12 * DAINICHI FAST SCARLET G BASE * DAITO SCARLET BASE G * DEVOL SCARLET B * DEVOL SCARLET G SALT * DIABASE SCARLET G * DIAZO FAST SCARLET G * FAST RED SG BASE * FAST SCARLET BASE G * FAST SCARLET BASE J * FAST SCARLET G * FAST SCARLET G BASE * FAST SCARLET GC BASE * FAST SCARLET G SALT * FAST SCARLET J SALT * FAST SCARLET M4NT BASE * FAST SCARLET T BASE * HILTONIL FAST SCARLET G BASE * HILTONIL FAST SCARLET GC BASE * HILTONIL FAST SCARLET G SALT * KAYAKU SCARLET G BASE * LAKE SCARLET G BASE * LITHOSOL ORANGE R BASE * 6-METHYL-3-NITROANILINE * 2-METHYL-5-NITRO-BENZENEAMINE * MITSUI SCARLET G BASE * NAPHTHANIL SCARLET G BASE * NAPHTOELAN FAST SCARLET G BASE * NAPHTOELAN FAST SCARLET G SALT * NCI-C01843 * 4-NITRO-2-AMINOTOLUENE * 5-NITRO-o-TOLUIDINE * PNOT * RCRA WASTE NUMBER U181 * SCARLET BASE CIBA II * SCARLET BASE IRGA II * SCARLET BASE NSP * SCARLET G BASE * SUGAI FAST SCARLET G BASE * SYMULON SCARLET G BASE
MUTATION DATA AND REFERENCES:
mmo-sat 10 ug/plate ENMUDM 4,163,82
mma-sat 10 ug/plate ENMUDM 4,163,82
otr-rat:emb 41 ug/plate JJATDK 1,190,81
TUMORIGENIC DATA AND REFERENCES:
3V01H60L60 orl-mus TDLo:150 gm/kg/78W-C NCITR* NCI-CG-TR-107,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:574 mg/kg NCIMR* NIH-71-E-2144
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-107,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-107,78)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XU8226500 p-TOLUIDINE, NITRO-
UPDT:8312 MW: 152.17 MOLFM: C7-H8-N2-O2
SYN: MONONITRO-p-TOLUIDINE (DOT) * NITRO-p-TOLUIDINE * UN 2660 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

TOLUIDINE RED see: QK4247000
TOLUIDINE RED 10451 see: QK4247000
TOLUIDINE RED 38 see: QK4247000
TOLUIDINE RED BFR see: QK4247000
TOLUIDINE RED BFGG see: QK4247000
TOLUIDINE RED D 28-3930 see: QK4247000
TOLUIDINE RED LIGHT see: QK4247000
TOLUIDINE RED M 20-3785 see: QK4247000
TOLUIDINE RED R see: QK4247000
TOLUIDINE RED 4R see: QK4247000
TOLUIDINE RED RT-115 see: QK4247000
TOLUIDINE RED TONER see: QK4247000
TOLUIDINE RED XL 20-3050 see: QK4247000
p-TOLUIDINE-m-SULFONIC ACID see: XT6320000

XU8400000 m-TOLUIDINE, 4-(m-TOLYLAZO)-
UPDT:8401 CAS: 3398-09-2 MW: 225.32 MOLFM: C14-H15-N3
SYN: 4-AMINO-2',3-AZOTOLUENE * 4'-AMINO-3-2'-AZOTOLUENE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-mus TDLo:30 gm/kg/57W-C BJCAAI 3,387,49
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XU8575000 m-TOLUIDINE, 4-(p-TOLYLAZO)-
UPDT:8401 CAS: 3963-79-9 MW: 225.32 MOLFM: C14-H15-N3
SYN: 4'-AMINO-4-2'-AZOTOLUENE
TUMORIGENIC DATA AND REFERENCES:
2V01L60 orl-mus TDLo:30 gm/kg/57W-C BJCAAI 3,387,49
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XU8800000 o-TOLUIDINE, 4-(o-TOLYLAZO)-
UPDT:8412 CAS: 97-56-3 MW: 225.32 MOLFM: C14-H15-N3
SYN: AAT * AMINOAZOTOLUENE (indicator) * o-AAT * o-AMIDOAZOTOLUOL (German) * AMINOAZOTOLUENE * o-AMINOAZOTOLUENE * 4'-AMINO-2,3'-AZOTOLUENE * 2-AMINO-5-AZOTOLUENE * o-AMINOAZOTOLUENO (Spanish) * 4'-AMINO-2,3'-AZOTOLUENE * o-AMINOAZOTOLUOL * 4-AMINO-2',3-DIMETHYLAZOBENZENE * 4'-AMINO-2,3'-DIMETHYLAZOBENZENE * o-AT * BRASILAZINA OIL YELLOW R * BUTTER YELLOW * C.I. 11160 * C.I. 11160B * C.I. SOLVENT YELLOW 3 * 2',3-DIMETHYL-4-AMINOAZOBENZENE * FAST GARNET GBC BASE * FAST OIL YELLOW * FAST YELLOW AT * FAT YELLOW B * HIDACO OIL YELLOW * 2-METHYL-4-((2-METHYLPHENYL)AZO)BENZENAMINE * OAAT * OIL YELLOW 21 * OIL YELLOW 2681 * OIL YELLOW AT * OIL YELLOW * OIL YELLOW A * OIL YELLOW C * OIL YELLOW I * OIL YELLOW 2R * OIL YELLOW T * ORGANOL YELLOW 2T * SOMALIA YELLOW R * SUDAN YELLOW RRA * TOLUAZOTOLUIDINE * o-TOLUENEAZO-o-TOLUIDINE * o-TOLUOL-AZO-o-TOLUIDIN (German) * 5-(o-TOLYLAZO)-2-AMINOTOLUENE * 4-(o-TOLYLAZO)-o-TOLUIDINE * TULABASE FAST GARNET GB * TULABASE FAST GARNET GBC * WAXAKOL YELLOW NL
MUTATION DATA AND REFERENCES:
mma-sat 20 ug/plate PNASA6 72,5135,75
dnr-esc 25 mg/L JJIND8 62,873,79
mrc-esc 1 ug/well MUREAV 46,53,77
dnd-esc 50 umol/L MUREAV 89,95,81
dns-rat:lvr 200 nmol/L MUREAV 136,255,84
sce-rat:lvr 90 umol/L MUREAV 93,409,82
sce-rat:oth 45 umol/L MUREAV 93,409,82
dni-mus-orl 20 gm/kg ARGEAR 51,605,81
sce-mus-ipr 115 mg/kg MUREAV 108,225,83
otr-ham:emb 1 mg/L IJCNAW 19,642,77
dns-ham:lvr 200 nmol/L MUREAV 136,255,84
cyt-ham:lng 15 mg/L/27H MUREAV 66,277,79
sce-ham:fbr 45 umol/L MUREAV 93,409,82
otr-nml:oth 250 ug/L AOHYA3 20,297,77
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:15 gm/kg/57W-C BJCAAI 3,387,49
3V02J60L60 orl-mus TDLo:480 mg/kg/I BEXBAN 85,201,78
3V02T65L60 orl-mus TDLo:480 mg/kg (16-21D preg) BEXBAN 85,201,78
3V01T65J60 scu-mus TDLo:4000 mg/kg (15-21D preg) BEXBAN 78,1402,74
2V02L60 scu-mus TDLo:2800 mg/kg/28W-I JNCIAM 20,431,58
2V01M60 imp-mus TDLo:80 mg/kg BJCAAI 22,825,68
3V03L60V10 mul-mus TDLo:400 mg/kg/I CNREA8 1,397,41
2V03M60 orl-dog TDLo:4500 mg/kg/2Y-C JNCIAM 13,1497,53
2V03L60 orl-mus TD :5280 mg/kg/88D-C JNCIAM 16,107,55
2V03L60 scu-mus TD :4000 mg/kg/39W-I AJPAA4 51,307,67
2V03L60 orl-mus TD :80 mg/kg JNCIAM 7,431,47
3V03J60L60 scu-mus TD :80 mg/kg JNCIAM 7,431,47
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:1500 mg/kg CNREA8 26,619,66
orl-mus LDLo:800 mg/kg JNCIAM 10,927,50
scu-mus LDLo:1200 mg/kg JNCIAM 10,927,50
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71; ZEKBAI 71,32,68; ADCSAJ 13,271,70
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 8,61,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XU8925000 o-TOLUIDINE, 4-(p-TOLYLAZO)-
UPDT:8401 CAS: 63980-18-7 MW: 225.32 MOLFM: C14-H15-N3
SYN: 4'-AMINO-4-3'-AZOTOLUENE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-mus TDLo:30 gm/kg/57W-C BJCAAI 3,387,49
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XU9100000 p-TOLUIDINE, 2-(o-TOLYLAZO)-
UPDT:8401 CAS: 63980-19-8 MW: 225.32 MOLFM: C14-H15-N3
SYN: 2'-AMINO-2 ,5'-AZOTOLUENE
TUMORIGENIC DATA AND REFERENCES:
2V03L60 orl-rat TDLo:15 gm/kg/57W-C BJCAAI 3,387,49
2V01L60 orl-mus TDLo 30 gm/kg/57W-C BJCAAI 3,387,49
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TOLUIDINE TONER see: QK4247000
TOLUIDINE TONER DARK 5040 see: QK4247000
TOLUIDINE TONER HR X-2741 see: QK4247000
TOLUIDINE TONER KEEP HR X-2742 see: QK4247000
TOLUIDINE TONER L 20-3300 see: QK4247000
TOLUIDINE TONER RT-252 see: QK4247000
TOLUIDINE TONER 4R X-2700 see: QK4247000

XU9180000 m-TOLUIDINE, alpha,alpha,alpha-TRIFLUORO-
UPDT:8408 CAS: 98-16-8 MW: 161.14 MOLFM: C7-H6-F3-N
SYN: m-AMINOBENZAL FLUORIDE * m-AMINOBENZOTRIFLUORIDE * 3-AMINOBENZOTRIFLUORIDE * TOLUENE, 3-AMINO-alpha,alpha,alpha-TRIFLUORO- * m-(TRIFLUOROMETHYL)ANILINE * 3-(TRIFLUOROMETHYL)ANILINE * 3-TRIFLUOROMETHYL ANILINE (DOT) * 3-(TRIFLUOROMETHYL)BENZENAMINE * UN 2948 (DOT) * USAF MA-4
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:480 mg/kg 85GMAT -,20,82
ihl-rat LC50:440 mg/m3/4H TPKVAL 10,131,68
* unk-rat LD50:480 mg/kg TPKVAL 14,118,75
orl-mus LD50:220 mg/kg TPKVAL 10,131,68
ihl-mus LC50:690 mg/m3/2H TPKVAL 10,131,68
ipr-mus LD50:50 mg/kg NTIS** AD277-689
* orl-rbt LD50:615 mg/kg 85GMAT -,20,82
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XU9210000 o-TOLUIDINE, alpha,alpha,alpha-TRIFLUORO-
UPDT:8403 CAS: 88-17-5 MW: 161.14 MOLFM: C7-H6-F3-N
SYN: o-AMINOBENZOTRIFLUORIDE * BENZENAMINE, 2-(TRIFLUOROMETHYL)- (9CI) * 2-TRIFLUOROMETHYL ANILINE (DOT) * UN 2942 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XU9260000 p-TOLUIDINE, alpha,alpha,alpha-TRIFLUORO-
UPDT:8403 CAS: 455-14-1 MW: 161.14 MOLFM: C7-H6-F3-N
SYN: p-AMINOBENZOTRIFLUORIDE * p-TRIFLUOROMETHYLANILINE
MUTATION DATA AND REFERENCES:
mmo-sat 10 mg/L ENMUDM 5,803,83
mma-sat 10 mg/L ENMUDM 5,803,83
mmo-esc 10 mg/L ENMUDM 5,803,83
mma-esc 10 mg/L ENMUDM 5,803,83
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:101 mg/kg JMCMAR 17,900,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XU9275000 p-TOLUIDINE, alpha,alpha,alpha-TRIFLUORO-2,6-DINITRO-N,N-DIPROPYL-
UPDT:8412 CAS: 1582-09-8 MW: 335.32 MOLFM: C13-H16-F3-N3-O4
SYN: AGREFLAN * AGRIFLAN 24 * BENZENAMINE, 2,6-DINITRO-N,N-DIPROPYL-4-(TRIFLUOROMETHYL)-(9CI) * CRISALIN * DIGERMIN * 2,6-DINITRO-N,N-DIPROPYL-4-(TRIFLUOROMETHYL)BENZENAMINE * 2,6-DINITRO-N,N-DI-n-PROPYL-alpha,alpha,alpha-TRIFLURO-p-TOLUIDINE * 4-(DI-n-PROPYLAMINO)-3,5-DINITRO-1-TRIFLUOROMETHYLBENZENE * N,N-DI-n-PROPYL-2,6-DINITRO-4-TRIFLUOROMETHYLANILINE * 2,6-DINITRO-4-TRIFLUORMETHYL-N,N-DIPROPYLANILIN (German) * N,N-DIPROPYL-4-TRIFLUOROMETHYL-2,6-DINITROANILINE * ELANCOLAN * L-36352 * LILLY 36,352 * NCI-C00442 * NITRAN * OLITREF * SU SEGURO CARPIDOR * TREFANOCIDE * TREFICON * TREFLAM * TREFLAN * TREFLANOCIDE ELANCOLAN * TRIFLUORALIN * TRIFLURALIN * TRIFLURALINE * alpha,alpha,alpha-TRIFLUORO-2,6-DINITRO-N,N-DIPROPYL-p-TOLUIDINE * TRIFUREX * TRIKEPIN * TRIM

MUTATION DATA AND REFERENCES:
sln-nsc 1 mg/L EVHPAZ 31,75,79
mrc-asn 100 ug/plate AISSAW 18,123,82
cyt-hmn:lym 2 ppm PATHAB 73,707,81
cyt-mus-ipr 200 mg/kg EESADV 4,23,80
dlt-mus-ipr 200 mg/kg EESADV 4,23,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-mus TDLo:10 mg/kg (6-15D preg) TJADAB 15,15A,77
1T71 orl-mus TDLo:10 gm/kg (6-15D preg) TJADAB 23,33,81
3T24T33T35 ipr-mus TDLo:200 mg/kg (1D male) EESADV 4,263,80

TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 orl-mus TDLo:180 gm/kg/78W-C NCITR* NCI-CG-TR-34,78
3V03P62V10 ipr-mus TDLo:2600 ug/kg/39D-I PATHAB 73,707,81
3V03P62V10 scu-mus TDLo:2600 ug/kg/39D-I PATHAB 73,707,81
3V01J60L60 orl-mus TD :340 gm/kg/78W-C NCITR* NCI-CG-TR-34,78

TOXICITY DATA AND REFERENCES:
orl-mus LD50:5000 mg/kg GUCHAZ 6,524,73
ipr-mus LDLo:1500 mg/kg BECTA6 20,554,78
orl-mam LD50:3700 mg/kg PCOC** -,1188,66

STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-34,78)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-34,78)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

o-TOLUIDIN HYDROCHLORIDE see: XU7350000
p-TOLUIDINIUM CHLORIDE see: XU7525000
3-p-TOLUIDINO-7H-BENZ(de)ANTHRACEN-7-ONE see: CX5083500
3-p-TOLUIDINO-BENZANTHRONE see: CX5083500
2-o-TOLUIDINOETHANOL see: KM3325000
O-TOLUIDYNA (Polish) see: XU2975000
TOLUILENODWUIZOCYJANIAN (Polish) see: CZ6300000
TOLUINA see: YS4550000
TOLULEXIN see: TZ1225000
TOLULOX see: TZ1225000
TOLUMBI EXTRACT (Indian) see: MD4880000
TOLUMID see: YS4550000
alpha-TOLUNITRILE see: AM1400000

XV0940000 m-TOLUNITRILE, alpha-((2-(DECYLAMINO)ETHYL)DITHIO)-, MONOHYDROCHLORIDE
UPDT:8402 CAS: 13116-80-8 MW: 401.12 MOLFM: C20-H32-N2-S2 Cl-H
SYN: alpha-((2-(DECYLAMINO)ETHYL)DITHIO)-m-TOLUNITRILE MONOHYDROCHLORIDE

MUTATION DATA AND REFERENCES:
dni-rat:lym 200 umol/L CBINA8 23,215,78

XV0950000 p-TOLUNITRILE, alpha-((2-(DECYLAMINO)ETHYL)DITHIO)-, MONOHYDROCHLORIDE
UPDT:8402 CAS: 13116-79-5 MW: 401.12 MOLFM: C20-H32-N2-S2 Cl-H
SYN: alpha-((2-(DECYLAMINO)ETHYL)DITHIO)-p-TOLUNITRILE MONOHYDROCHLORIDE

MUTATION DATA AND REFERENCES:
dni-rat:lym 40 umol/L CBINA8 23,215,78

TOLUOL see: XS5250000
m-TOLUOL see: GO6125000
o-TOLUOL see: GO6300000
p-TOLUOL see: GO6475000
o-TOLUOL-AZO-o-TOLUIDIN (German) see: XU8800000
TOLUOL (DOT) see: XS5250000
TOLUOLO (Italian) see: XS5250000
p-TOLUOLSULFONSAEURE AETHYL ESTER (German) see: XT6825000
p-TOLUOLSULFONSAEURE METHYL ESTER (German) see: XT7000000
alpha-TOLUOLTHIOL see: XT8650000
5-(p-TOLUOYL)BENZOFURAN-5-YL HYDROPEROXYMETHYL KETONE see: OB6555000

XV1660400 o-TOLUOYL PEROXIDE, not more than 85%
UPDT:8312 MW: 270.30 MOLFM: C16-H14-O4
SYN: BIS-2-METHYLBENZOYL PEROXIDe * BIS(2-METHYLBENZOYL)PEROXIDE, with at least 15% water (DOT) * DI(2-METHYLBENZOYL) PEROXIDE * UN 2593 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

TOLUQUINOL see: MX6700000
p-TOLUQUINOL see: MX6700000
p-TOLUQUINOLINE see: VC0550000
TOLU RESIN see: CP2355000
TOLUSAFRANINE see: SG1623000
TOLU-SOL see: XS5250000
TOLUVAN see: YS4550000
m-TOLUYLENDIAMIN (Czech) see: XS9625000
p-TOLUYLENDIAMINE see: XS9700000
TOLUYLENE BLUE see: BP6385000
TOLUYLENE BLUE (BASIC DYE) (9CI) see: BP6385000
m-TOLUYLENEDIAMINE see: XS9625000
2,4-TOLUYLENEDIAMINE see: XS9625000
2,6-TOLUYLENEDIAMINE see: XS9750000
TOLUYLENE-2,5-DIAMINE see: XS9700000
2,4-TOLUYLENEDIAMINE (DOT) see: XS9625000
TOLUYLENE-2,4-DIISOCYANATE see: CZ6300000
TOLUYLENE RED see: SG1400000
TOLVIN see: HP8780000
TOLVON see: HP8780000
TOLYDRIN see: TZ1225000
m-TOLYENEDIAMINE see: XS9625000
TOLYENE 2,4-DIISOCYANATE see: CZ6300000
p-TOLYHYDROXYLAMINE see: NC5480000
N-p-TOLYHYDROXYLAMINE see: NC5480000
m-TOLYLACETAMIDE see: AN2875000
N-m-TOLYLACETAMIDE see: AN2875000
p-TOLYL ACETATE see: AJ7570000
(p-TOLYL)ACETIC ACID see: AJ7569000
p-TOLYL ALCOHOL see: GO6475000
TOLYL ALDEHYDE see: XS3370000
alpha-TOLYL ALDEHYDE DIMETHYL ACETAL see: AB3040000
TOLYLALDEHYDE GLYCERYL ACETAL see: JH2287500
TOLYLAMINE see: XU3150000
m-TOLYLAMINE see: XU2800000
o-TOLYLAMINE see: XU2975000
p-TOLYLAMINE see: XU3150000
o-TOLYLAMINE HYDROCHLORIDE see: XU7350000
4-TOLYLARSENOUS ACID see: XS5900000
TOLYLARSONIC ACID see: XS6475000
m-TOLYLARSONIC ACID see: XS6125000
p-TOLYLARSONIC ACID see: XS6475000
4-TOLYLARSONIC ACID see: XS6475000
N-(p-TOLYL)-1-AZIRIDINECARBOXAMIDE see: CM6790000
m-TOLYLAZOACETANILIDE see: AE7525000
5-(o-TOLYLAZO)-2-AMINOTOLUENE see: XU8800000
p-(p-TOLYLAZO)-ANILINE see: BY9730000
4-o-TOLYLAZO-o-DIACETOTOLUIDE see: AB4230000
4′-(o-TOLYLAZO)-o-DIACETOTOLUIDIDE see: AB4230000
1-(o-TOLYLAZO)-beta-NAPHTHOL see: QL5425000
1-o-TOLYLAZO-2-NAPHTHOL see: QL5425000
1-(o-TOLYLAZO)-2-NAPHTHYLAMINE see: QM5400000
4-(o-TOLYLAZO)-o-TOLUIDINE see: XU8800000
o-TOLYLAZO-o-TOLYLAZO-beta-NAPHTHOL see: QL5775000
o-TOLYLAZO-o-TOLYLAZO-2-NAPHTHOL see: QL5775000
1-(4-o-TOLYLAZO-o-TOLYLAZO)-2-NAPHTHOL see: QL5775000
N-(4-(o-TOLYLAZO)-o-TOLYL)HYDROXYLAMINE see: NC5490000
o-(4-(p-TOLYL)-3H-1,5-BENZODIAZEPIN-2-YL)PHENOL see: SN0900000
1-o-TOLYLBIGUANIDE MONOHYDROCHLORIDE see: DU2845000
m-TOLYL BROMIDE see: XS7965400
1-(4-(p-TOLYL-2-BUTENYL)PIPERIDINE HYDROCHLORIDE see: TN4229000
2-(p-TOLYL)BUTYRIC ACID see: ET6550000
p-TOLYL-N-CARBAMOYLAZIRIDINE see: CM6790000
p-TOLYLCARBINOL see: DO9370000
4-TOLYLCARBINOL see: DO9370000
TOLYL CHLORIDE see: XS8925000
m-TOLYL CHLORIDE see: XS8990000
o-TOLYL CHLORIDE see: XS9000000
p-TOLYL CHLORIDE see: XS9010000
2-(o-TOLYL)CYCLOHEXANONE see: GW2120000
2-(p-TOLYL)CYCLOHEXANONE see: GW2123000
m-TOLYLDIETHANOLAMINE see: KM3360000
o-TOLYLDIETHANOLAMINE see: XU3705000
2-p-TOLYL-5,6-DIHYDROIMIDAZO(2,1-a)ISOQUINOLINE see: NI3020000
2-p-TOLYL-5,6-DIHYDRO-s-TRIAZOLO(5,1-a)ISOQUINOLINE see: XZ5478750
2-(m-TOLYL)-1,3-DITHIOLANE see: JP1182000
2-(o-TOLYL)-1,3-DITHIOLANE see: JP1182010
2-(p-TOLYL)-1,3-DITHIOLANE see: JP1182020
TOLYLENEDIAMINE see: XS9445000
m-TOLYLENEDIAMINE see: XS9625000
p,m-TOLYLENEDIAMINE see: XS9700000
4-m-TOLYLENEDIAMINE see: XS9625000
2,4-TOLYLENEDIAMINE see: XS9625000
TOLYLENE-2,4-DIAMINE see: XS9625000
2,6-TOLYLENEDIAMINE see: XS9750000
TOLYLENE DIISOCYANATE see: NQ9490000
TOLYLENE-2,4-DIISOCYANATE see: CZ6300000
2,4-TOLYLENEDIISOCYANATE see: CZ6300000
TOLYLENE 2,6-DIISOCYANATE see: CZ6310000
meta-TOLYLENE DIISOCYANATE see: CZ6310000
TOLYLENE ISOCYANATE see: NQ9490000
m-TOLYL ESTER of CARBAMIC ACID see: FD1592000
p-TOLYL ETHANOATE see: AJ7570000
1-(p-TOLYL)ETHANOL see: DO4565000
o-TOLYL ETHANOLAMINE see: KM3325000
1-p-TOLYLETHENE see: WL5076000
1-p-TOLYL-3-(2-ETHYLBENZIMINAZOL-5-YL)THIOUREA see: XN9451300 THIOUREA, N-(2-ETHYL-1H-BENZIMIDAZOL-5-YL)-N′-p-TOLYL-
5-(p-TOLYL)-2-FURAMIDINE HYDROCHLORIDE see: LT8521800
alpha-(o-TOLYL)GLYCERYL ETHER see: TZ1225000
p-TOLYLHYDRAZINE see: MW0194000
TOLYLHYDROQUINONE see: MX6700000
para-TOLYL-HYDROXYLAMIN (German) see: NC5480000
2-p-TOLYLIMIDAZO(2,1-a)ISOQUINOLINE see: NI3031000
2,2′-(m-TOLYLIMINO)DIETHANOL see: KM3360000
p-TOLYL ISOBUTYRATE see: NQ5460000
N-p-TOLYLISONICOTINAMIDINE see: NS0994000
N-(p-TOLYL)-C-(ISOPROPYL)-SYDNON (German) see: WU7690200
alpha-TOLYL MERCAPTAN see: XT8650000
p-TOLYLMERCURY IODIDE see: OW5350000
m-TOLYL N-METHYLCARBAMATE see: FC8050000
3-TOLYL-N-METHYLCARBAMATE see: FC8050000
3-TOLYL N-METHYLCARBAMATE, nitrosated see: FC6631000
p-TOLYLMETHYLCARBINOL (German) see: DO4565000
p-TOLYL METHYL ETHER see: BZ8780000
N-p-TOLYL-N-METHYLMERCURIAMID KYSELINY 2-METHYL-5-ISOPROPYLBENZENSULFONOVE (Czech) see: OW6350000
N-(m-TOLYL)-C-(METHYL)SYDNON (German) see: WU7590700
N-(p-TOLYL)-C-(METHYL)-SYDNON (German) see: WU7690800
N-p-TOLYL-1-NAPHTHAMIDINE see: QK7265000
N-p-TOLYLNICOTINAMIDINE see: QS4780000
N-(o-TOLYL)-C-NITROSYDNON (German) see: WU7691000
p-TOLYL OCTANOATE see: RH0787500
p-TOLYLOXIRANE see: XT2420000
1-p-TOLYL-1-OXO-2-PYRROLIDINO-n-PENTANE HYDROCHLORIDE see: YV9100000
3-o-TOLYLOXY-2-HYDROXYPROPYL 1-CARBAMATE see: FB2710000
3-(o-TOLYLOXY)-2-HYDROXYPROPYL-1-NICOTINATE see: QT1965000
3-(o-TOLYLOXY)PROPANE-1,2-DIOL see: TZ1225000
3-(o-TOLYLOXY)-1,2-PROPANEDIOL mixed with 3-(o-METHOXYPHENOXY)-1,2-PROPANEDIOL (1:2) see: TY8765000
1-(m-TOLYLOXY)-3-((2-(2,5-XYLIDINO)ETHYL)AMINO)-2-PROPANOL HYDROCHLORIDE see: UB9720000
o-TOLYL PHOSPHATE see: TD0350000
(p-TOLYL)PHOSPHONIC ACID see: TA0470000
N-m-TOLYLPHTHALAMIC ACID see: TH8500000
N-meta-TOLYLPHTHALAMIC ACID see: TH8500000
4-(m-TOLYL)-1-PIPERAZINECARBOXAMIDINE HEMISULFATE see: TL1288800
4-m-TOLYL-1-PIPERAZINECARBOXAMIDINE SULFATE (2:1) see: TL1288800 1-PIPERAZINECARBOXAMIDINE,4-(m-TOLYL)-, HEMISULFATE

1-(2-(4-o-TOLYL-1-PIPERAZINYL)ETHYL)-2(1H)-PYRIDONE MONOHYDROCHLORIDE see: UV1150650
2-(p-TOLYL)PROPIONIC ALDEHYDE see: UE2700000
(((p-TOLYL)SULFAMOYL)IMINO)BIS(METHYLMERCURY) see: OX0815000
TOLYLSULFONAMIDE see: XT5075000
p-TOLYLSULFONAMIDE see: XT5075000
p-TOLYLSULFONIC ACID see: XT6300000
N-(p-TOLYLSULFONYL)-N'-BUTYLCARBAMIDE see: YS4550000
TOLYLSULFONYLBUTYLUREA see: YS4550000
3-(p-TOLYL-4-SULFONYL)-1-BUTYLUREA see: YS4550000
1-(p-TOLYLSULFONYL)-3-CYCLOHEXYLUREA see: YS7800000
4-(p-TOLYLSULFONYL)-1,1-HEXAMETHYLENESEMICARBAZIDE see: YT4400000
p-TOLYLSULFONYLMETHYLNITROSAMIDE see: XT5950000
p-TOLYLSULFONYL-METHYL-NITROSAMID (German) see: XT5950000
p-TOLYLSULFONYLMETHYLNITROSAMINE see: XT5950000
N-(m-TOLYL)-SYDNON (German) see: WU7694300
N-(o-TOLYL)-SYDNON see: WU7694400
N-(p-TOLYL)-SYDNON (German) see: WU7694500
3-(m-TOLYL)SYDNONE see: WU7694300
3-(o-TOLYL)SYDNONE see: WU7694400
3-(p-TOLYL)SYDNONE see: WU7694500
3-(m-TOLYL)SYDNONE IMINE MONOHYDROCHLORIDE see: WU7689700
N-(m-TOLYL)-SYDNONIMIN HYDROCHLORID (German) see: WU7689700
1-(4-(p-TOLYL)-2-THIAZOLYL)HYDANTOIN see: MU4212000
3-(o-TOLYL)-5-(m-TOLYL)-s-TRIAZOLE see: XZ5360000
3-(o-TOLYL)-5-(p-TOLYL)-s-TRIAZOLE see: XZ5360100
3-(o-TOLYL)-5-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-s-TRIAZOLE see: XZ5360800
m-TOLYLTRIMETHYLAMMONIUM IODIDE see: BS9255000
p-TOLYLTRIMETHYLAMMONIUM IODIDE see: BS9255020
TOPAZONE see: RQ3675000
TOLYN see: TY8400000
TOLYNOL see: TZ1225000
TOLYSPAZ see: TZ1225000
TOMACON see: UQ6475000
TOMANOL-WIRKSTOFF see: CD2975000
TOMARIN see: GN4850000
TOMASET see: TH8500000
TOMATHREL see: SZ7100000
TOMATIDINE, GLYCOSIDE see: XW1050000
TOMATIN see: XW1050000

XW1050000 TOMATINE
UPDT:8308 CAS: 17406-45-0 MW: 1034.34 MOLFM: C50-H83-N-O21
SYN: A''-TOMATIDINE * LYCOPERSICIN * TOMATIDINE, GLYCOSIDE * TOMATIN * alpha-TOMATINE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:900 mg/kg	TXAPA9 3,39,61
*	orl-mus LD50:500 mg/kg	FCTXAV 17,61,79
*	ipr-mus LD50:25 mg/kg	SZAPAC 22,557,59
*	scu-mus LD50:1000 mg/kg	85GDA2 8(2),218,82
	ivn-mus LD50:18 mg/kg	TXAPA9 3,39,61

alpha-TOMATINE see: XW1050000
TOMATO FIX see: AG0175000
TOMATO FIX CONCENTRATE see: AG0175000
TOMATO HOLD see: AG0175000
TOMATOTONE see: AG0175000
TOMAYMYCIN see: UY8533000
TOMBRAN see: YM1431000
TOMIL see: SO4900000
TOMILON see: YT1510000
TOMIZINE see: UW7660000
TOMOBIL see: DO4565000
TOMORIN see: GN4830000
TONARIL see: US2800000
TONARSEN see: PA2275000
TONARSIN see: PA2275000
TONCARINE see: GN7792000
TONEDRIN see: SH5075000
TONEDRON see: SH5075000
TONEDRON see: SH5425000
TONER LAKE RED C see: DB5500000
TONESS see: RO0689000
TONEXOL see: DG4900000
TONEY RED see: QK4250000
TONICORINE see: UU3874700
TONING BLUE MV see: GE4518000

XW1830000 TONKA ABSOLUTE
DEF:Main constituent is COUMARIN, found in seeds of fruit of tree DIPTEYXODORATA (FCTXAV 12,807,74)
UPDT:8305

IRRITATION DATA AND REFERENCES:

	skn-mus 100% MLD	FCTXAV 12,1005,74
	skn-rbt 500 mg/24H	FCTXAV 12,1005,74

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1380 mg/kg	FCTXAV 12,1005,74

TONKA BEAN CAMPHOR see: GN4200000
TONKALIDE see: LU4220000
TONOCARD see: QS4375000
TONOCOR see: QS4375000
TONOGEN see: DO2625000
TONOLYSIN see: TH8849900
TONOLYT ISOPROPYL MEPROBAMATE see: [illegible]B3325000
TONOX see: BY5425000
TO NTU see: AF5950000
TO NTU see: AF5955000
TONY RED see: QK4250000
TONZILAMINE see: UV8575000
TOPANE see: DV7700000
TOPANEL see: GP9625000
TOPANOL see: GO7875000
TOPANOL O see: GO7875000
TOPANOL OC see: GO7875000
TOPCIDE see: AF4610000
TOP FLAKE see: VZ4725000
TOP FORM WORMER see: DE0700000
TOPICAIN see: AC3325000
TOPICHLOR 20 see: PB9800000
TOPICLOR see: PB9800000
TOPICLOR 20 see: PB9800000
TOPICORT see: GM8925000
TOPICYCLINE see: QI9100000
TOPITOX see: NK5335000
TOPITRACIN see: CP0175000
TOPITRASIN see: CP0175000
TOPOKAIN see: DG2275000
TOPOREX 500 see: WL6475000
TOPOREX 550-02 see: WL6475000
TOPOREX 830 see: WL6475000
TOPOREX 850-51 see: WL6475000
TOPOREX 855-51 see: WL6475000
TOPSIN see: BA3650000
TOPSIN E see: BA3650000
TOPSIN M see: BA3675000
TOPSIN NF 35 see: BA3650000
TOPSIN NF-44 see: BA3675000
TOPSIN WP METHYL see: BA3675000
TOPSYM see: PV6210000
TOPUSYN see: XZ0175000
TOPZOL see: VF7350000
TORAK see: TD5165000
TORATE see: QC7795000 MORPHINAN-3,14-DIOL, 17-(CYCLOBUTYLMETHYL)-, (S-(R*,R*))-2,3-DIHYDROXYBUTANEDIOATE (1:1) (SALT)
TORAYCA N 6 see: TQ9800000
TORAYLON, combustion products see: AT6975000
TORAZINA see: SN8925000
TORAZINA see: SO1750000
TORBUTROL see: QC7795000 MORPHINAN-3,14-DIOL, 17-(CYCLOBUTYLMETHYL)-, (S-(R*,R*))-2,3-DIHYDROXYBUTANEDIOATE (1:1) (SALT)
TORDON see: TJ7525000
TORDON 10K see: TJ7525000
TORDON 101 MIXTURE see: TJ7525000
TORDON 22K see: TJ7525000
TORELLE see: TC5450000
TOREX G see: TR0400000
TORINAL see: VA3850000
TORLA EXTRACT (Indian) see: QP9284000
TORMONA see: AJ8400000
TORMONA see: AJ8485000
TORMOSYL see: VA3401000
TORQUE see: JN8770000
TORSITE see: DV5775000
TORULOX see: TZ1225000
TOSH EXTRACT (Indian) see: TJ3690000
TOSIC ACID see: XT6300000
TOSTRIN see: XA3115000
TOSYL see: FM8750000
TOSYLAMIDE see: XT5075000
p-TOSYLAMIDE see: XT5075000
L-1-TOSYLAMIDO-2-PHENYLETHYL CHLOROMETHYL KETONE see: XT5613500
TOSYL FLUORIDE see: XT8050000
TOSYLLYSINE CHLOROMETHYL KETONE see: XT5150000
TOSYL-L-LYSINE CHLOROMETHYL KETONE see: XT5150000
N-alpha-p-TOSYL-L-LYSINE CHLOROMETHYL KETONE HYDROCHLORIDE see: XT5160000
TOSYLLYSYL CHLOROMETHYL KETONE see: XT5150000
alpha-TOSYL-L-LYSYLCHLOROMETHYL KETONE see: XT5150000
N-alpha-TOSYL-L-LYSYL-CHLOROMETHYLKETONE see: XT5150000
N-TOSYL-L-PHENYLALANINE CHLOROMETHYL KETONE see: AY4345000
TOSYL-L-PHENYLALANYLCHLOROMETHYL KETONE see: AY4345000
TOTACEF see: XI0390000
TOTACILLIN see: XH8350000
TOTACOL see: DW2275000
TOTALCICLINA see: XH8350000
TOTAL FLAVONE GLYCOSIDE of OXYTROPIS FALCATA see: RS8075000
TOTAPEN see: XH8350000
TOTAZINA see: GH1575000
TOTOCAINE HYDROCHLORIDE see: EL2625000
TOTP see: TD0350000
TOTRIL see: DI4025000
TOTOMYCIN see: QI9100000
TOUKALIDE see: LU4220000

XW4626200 TOURNEFORTIA HIRSUTISSIMA L., leaf and stem extract
DEF:Jamaican plant belonging to the family BORAGINACEAE (JPPMAB 16,115,64)
UPDT:8405

TOXICITY DATA AND REFERENCES:

1H02	ipr-mus LDLo:40 gm/kg	JPPMAB 16,115,64

TOWK see: NI3200000
TOWN FLOWER, combustion products see: AT6975000
TOX 47 see: TF4550000
TOXADUST see: XW5250000
TOXAFEEN (Dutch) see: XW5250000
TOXAKIL see: XW5250000
TOXALBUMIN see: AA5250000
TOXAN see: FC5950000
TOXAPHEN (German) see: XW5250000

XW5250000 TOXAPHENE
UPDT:8412 CAS: 8001-35-2 MW: 413.80 MOLFM: C10-H10-Cl8
SYN: AGRICIDE MAGGOT KILLER (F) * ALLTEX * ALLTOX * ATTAC 6 * ATTAC 8 * ATTAC 4-2 * ATTAC 4-4 * ATTAC 6-3 * CAMPHECHLOR * CAMPHOCHLOR * CAMPHOCLOR * CAMPHOFENE HUILEUX * CHEM-PHENE * CHLORINATED CAMPHENE * CHLOROCAMPHENE * CLOR CHEM T-590 * COMPOUND 3956 * CRESTOXO * CRISTOXO * CRISTOXO 90 * ENT 9,735 * ESTONOX * FASCO-TERPENE * GENIPHENE * GY-PHENE * HERCULES 3956 * HERCULES TOXAPHENE * KAMFOCHLOR * M 5055 * MELIPAX * MOTOX * NA 2761 (DOT) * NCI-C00259 * OCTACHLOROCAMPHENE * PCC * PENPHENE * PHENACIDE * PHENATOX * POLYCHLORCAMPHENE * POLYCHLORINATED CAMPHENES * POLYCHLOROCAMPHENE * RCRA WASTE NUMBER P123 * STROBANE-T * STROBANE T-90 * SYNTHETIC 3956 * TOXADUST * TOXAFEEN (Dutch) * TOXAKIL * TOXAPHEN (German) * TOXAPHENE (DOT) * TOXON 63 * TOXYPHEN * VERTAC 90% * VERTAC TOXAPHENE 90

IRRITATION DATA AND REFERENCES:

	skn-mam 500 mg MOD	JAMAAP 149,1135,52

MUTATION DATA AND REFERENCES:

	mmo-sat 500 ug/plate	SCIEAS 205,591,79
	mma-sat 500 ug/plate	SCIEAS 205,591,79
	cyt-ofs-skn 100 ug/L	BIZNAT 94,441,75
	sce-hmn:lym 10 umol/L	ARTODN 52,221,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01	orl-rat TDLo:280 mg/kg (10W male)	GISAAA 45(5),14,80
1T85	orl-rat TDLo:900 ug/kg (5-22D preg)	AECTCV 9,247,80
1T46	orl-rat TDLo:150 mg/kg (7-16D preg)	BECTA6 15,660,76
1T34	orl-rat TDLo:250 mg/kg (7-16D preg)	BECTA6 15,660,76
1T81	orl-mus TDLo:375 mg/kg (8-12D preg)	JTEHD6 10,541,82

TUMORIGENIC DATA AND REFERENCES:

2V03P62	orl-rat TDLo:30 gm/kg/80W-C	NCITR* NCI-CG-TR-37,79
2V01L60	orl-mus TDLo:6600 mg/kg/80W-C	NCITR* NCI-CG-TR-37,79

2V01L60	orl-mus TD :13 gm/kg/80W-C	NCITR* NCI-CG-TR-37,79

TOXICITY DATA AND REFERENCES:

	orl-hmn LDLo:40 mg/kg	CMEP** -,1,56
	unk-man LDLo:44 mg/kg	85DCAI 2,73,70
	orl-rat LD50:40 mg/kg	SPEADM 74-1,-,74
	skn-rat LD50:600 mg/kg	SPEADM 74-1,-,74
	ipr-rat LDLo:70 mg/kg	BECTA6 19,47,78
*	unk-rat LD50:240 mg/kg	CYGEDX 8,23,74
	orl-mus LD50:112 mg/kg	SPEADM 74-1,-,74
*	ihl-mus LCLo:2000 mg/m3/2H	JAMAAP 149,1135,52
	ipr-mus LD50:47 mg/kg	JAFCAU 25,1394,77
*	unk-mus LD50:45 mg/kg	CYGEDX 8,23,74
	orl-dog LD50:15 mg/kg	SPEADM 74-1,-,74
	orl-rbt LDLo:780 mg/kg	GUCHAZ 6,507,73
	skn-rbt LD50:1025 mg/kg	JEENAI 46,702,53
	orl-gpg LD50:250 mg/kg	85DPAN -,-,71/76
	orl-ham LD50:200 mg/kg	TXAPA9 48,A192,79
*	orl-dck LD50:31 mg/kg	DOEAAH 35,25,79

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: ANAEA3 35,165,75; DTTIAF 80(20),485,73; RREVAH 56,107,75

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 20,327,79
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 20,327,79
★ TLV-TWA 500 ug/m3; STEL 1 mg/m3 (skin)	DTLVS* 4,79,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug/m3 (skin) (SCP-F)	FEREAC 39,23540,74
★ DOT-HAZARD:ORM-A; LABEL:NONE	CFRGBR 49,172.101,82

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-37,79)

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS INDEFINITE:RAT (NCITR* NCI-CG-TR-37,79)

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 2 S67
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TOXAPHENE (DOT) see: XW5250000
TOXER TOTAL see: DW2275000
TOX-HID see: GN4550000
TOX-HID see: TW3570000
TOXICHLOR see: PB9800000

XW5538000 TOXIFERTILIN

UPDT:8303 CAS: 67076-52-2 MW: 1446.71 MOLFM: C67-H91-N13-O23

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:156 ug/kg	JANTAJ 32,79-41,79

TOXIFREN see: EU1400000
TOXILIC ACID see: OM9625000
TOXILIC ANHYDRIDE see: ON3675000
TOXIN AA B see: YX3959270

XW5790000 TOXIN, ADENIA DIGITATA (MODECCA DIGITATA), MODECCIN

UPDT:8308
SYN: MODECCIN * MODECCIN TOXIN

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:1300 ng/kg	BIJOAK 174,491,78
*	ipr-mus LD50:2300 mg/kg	85GDA2 8(1),109,82

XW5793000 TOXIN, ALTERNARIA ALTERNATA

DEF:The major toxin produced was isolated as TENUAZONIC ACID (APMBAY 23,613,72)
UPDT:8407
SYN: ALTERNARIA ALTERNATA TOXIN

TOXICITY DATA AND REFERENCES:

3F15K30P01	orl-rat LDLo:100 mg/kg	APMBAY 23,613,72

XW5807000 TOXIN, BACTERIUM CLOSTRIDIUM TETANI, TETANUS

UPDT:8408
SYN: TETANUS TOXIN

TOXICITY DATA AND REFERENCES:

	ipr-mus LDLo:100 pg/kg	SCIEAS 144,1100,64

XW5807200 TOXIN, BACTERIUM CORYNE-BACTERIUM DIPHTHERIAE, DIPHTHERIA

UPDT:8405
SYN: DIPHTHERIA TOXIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	ipr-ham TDLo:11 ug/kg (1D pre)	PSEBAA 162,170,79

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:300 ng/kg	SCIEAS 144,1100,64
*	ipr-ham LD50:6500 ng/kg	PSEBAA 162,170,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XW5810000 TOXIN, BLUE GREEN ALGA, MICROCYSTIS AERUGINOSA (ANACYSTIS CYANEA)

UPDT:8408
SYN: M. AERUGINOSA (ANACYSTIS CYANEA) TOXIN * MICROCYSTIS AERUGINOSA (ANACYSTIS CYANEA) TOXIN * MICROCYSTIS AERUGINOSA TOXIN

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:56 ug/kg	AJBSAM 31,209,78

XW5814000 TOXIN, CLOSTRIDIUM OEDEMATIENS, TYPE A

UPDT:8402
SYN: CLOSTRIDIUM OEDEMATIENS TYPE A TOXIN

TOXICITY DATA AND REFERENCES:

*	ims-mus LD50:100 ug/kg	JJMCAQ 36,67,83

XW5814500 TOXIN CM-6

DEF:Extracted from the venom of the Siamese cobra NAJA NAJA KAOUTHIA (TOXIA6 18,455,80)
UPDT:8406

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:1300 ug/kg	TOXIA6 18,455,80

XW5814600 TOXIN CM-7

DEF:Extracted from the venom of the Siamese cobra NAJA NAJA KAOUTHIA (TOXIA6 18,455,80)
UPDT:8406

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:1200 ug/kg	TOXIA6 18,455,80

XW5815150 TOXIN, COLORADO POTATO BEETLE, LEPTINOTARSA DEFECTA

UPDT:8304
SYN: L. DEFECTA TOXIN * LEPTINOTARSA DEFECTA TOXIN

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:142 mg/kg	85EGD4 5,675,78

TOXIN F2 see: DM2550000

XW5853000 TOXIN, JELLYFISH, CHIRONEX FLECKERI

UPDT:8306
SYN: CHIRONEX FLECKERI TOXIN

TOXICITY DATA AND REFERENCES:

3F12F19G04	ivn-mus LDLo:1 mg/kg	BJPCBM 35,510,69

TOXIN HT 2 see: YD0050000
TOXIN-LR see: XW5862000

XW5862000 TOXIN, MICROCYSTIS AERUGINOSA

DEF:A pentapeptide containing LEUCINE and ARGININE occurring in toxic strains of thecyanobacterium MICROCYSTIS AERUGINOSA (SCIEAS 220,1383,83)
UPDT:8312
SYN: MICROCYSTIS AERUGINOSA TOXIN * TOXIN-LR

TOXICITY DATA AND REFERENCES:

3F07F17F21	ipr-mus LD50:60 ug/kg	SCIEAS 220,1383,83
3F07F17R21	ivn-mus LD50:60 ug/kg	SCIEAS 220,1383,83

XW5868000 TOXIN, MUSHROOM, VOLVARIELLA VOLVACEA

UPDT:8402
SYN: VOLVARIELLA VOLVACEA TOXIN * VOLVATOXIN

TOXICITY DATA AND REFERENCES:

1P23	ipr-mus LD50:1230 ug/kg	TOXIA6 17(Suppl 1),165,79

XW5868200 TOXIN, NEMATOCYST, PHYSALIA PHYSALIS

UPDT:8402
SYN: PHYSALIA PHYSALIS TOXIN * P. PHYSALIS TOXIN

TOXICITY DATA AND REFERENCES:

3F11F17F19	ipr-mus LDLo:37 mg/kg	BIBUBX 115,219,58
2F07J30	scu-mus LDLo:2100 mg/kg	BIBUBX 115,219,58

XW5868500 TOXIN, PENICILLIUM ROQUEFORTI

UPDT:8412 MW: 320.37 MOLFM: C17-H20-O6
SYN: PENICILLIUM ROQUEFORTI TOXIN * P. ROQUEFORTI TOXIN * PR TOXIN

MUTATION DATA AND REFERENCES:

	mmo-sat 625 ng/plate	MUREAV 130,79,84
	oms-rat-ipr 10 mg/kg	CBINA8 14,207,76
	oms-rat:lvr 35 mg/L	CBINA8 18,153,77

TUMORIGENIC DATA AND REFERENCES:

2V03R60	orl-rat TDLo:100 mg/kg/52D-C	MYCPAH 78,125,82
2V03T64	orl-rat TD :139 mg/kg/52D-C	MYCPAH 78,125,82

TOXICITY DATA AND REFERENCES:

3J16J22K30	orl-rat LDLo:115 mg/kg	APMBAY 25,111,73
1F05	ipr-rat LDLo:11 mg/kg	APMBAY 25,111,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XW5868700 TOXIN, PENICILLIUM VIRIDICATUM

UPDT:8402
SYN: PENICILLIUM VIRIDICATUM TOXIN * P-rc * P. VIRIDICATUM TOXIN

TUMORIGENIC DATA AND REFERENCES:

2V03J60	orl-mus TDLo:1701 gm/kg/54W-I	FCTXAV 12,491,74

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XW5870900 TOXIN, SCOMBEROMORUS COMMERSONI

DEF:A CIGUATON-like lipid-soluble substance extracted from the flesh of the Spanish mackerel(TOXIA6 21,19,83)
UPDT:8402

TOXICITY DATA AND REFERENCES:

3F07K12R21	ipr-mus LD50:720 ug/kg	TOXIA6 21,19,83

XW5871400 TOXIN, SEA ANEMONE, ACTINODENDRON PLUMOSUM

UPDT:8412

TOXICITY DATA AND REFERENCES:

*	ice-mus LD50:290 ug/kg	TOXIA6 22,308,84

XW5871700 TOXIN, SEA ANEMONE, ANEMONIA SULCATA

UPDT:8411
SYN: ANEMONIA SULCATA TOXIN * A. SULCATA TOXIN

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:19 ug/kg	BICHAW 20,5245,81
*	ice-mus LD50:1600 ng/kg	TOXIA6 22,308,84

XW5872000 TOXIN, SEA ANEMONE, ANTHOPLEURA XANTHOGRAMMICA

UPDT:8411
SYN: ANTHOPLEURA XANTHOGRAMMICA TOXIN * A. XANTHOGRAMMICA TOXIN

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:8 ug/kg	BICHAW 20,5245,81
*	ice-mus LD50:200 ng/kg	TOXIA6 22,308,84

XW5872500 TOXIN, SEA ANEMONE, CALLIACTIS POLYPUS

UPDT:8312
SYN: CALLIACTIS POLYPUS TOXIN * C. POLYPUS TOXIN

TOXICITY DATA AND REFERENCES:

3F25G04G06	ipr-mus LD50:32 mg/kg	JPMSAE 61,66,72

XW5872700 TOXIN, SEA ANEMONE, RADIANTHUS PAUMOTENSIS

UPDT:8412

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:40 ug/kg	TOXIA6 22,308,84
*	ice-mus LD50:1400 ng/kg	TOXIA6 22,308,84

XW5876000 TOXIN, SEA ANEMONE, STOICHACTIS HELIANTHUS

UPDT:8312
SYN: S. HELIANTHUS TOXIN * STOICHACTIS HELIANTHUS TOXIN

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:250 ug/kg	JPMSAE 63,1478,74

XW5880000 TOXIN, SEA CUCUMBER, HOLOTHURIA ATRA

UPDT:8402
SYN: H. ATRA TOXIN * HOLOTHURIA ATRA TOXIN * HOLOTOXIN

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:4 mg/kg	TOXIA6 15,461,77

XW5881000 TOXIN, SEA URCHIN, TRIPNEUSTES GRATILLA

UPDT:8412

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:850 ug/kg	TOXIA6 22,306,84

XW5882000 TOXIN, SEA WASP, CHIRONEX FLECKERI

UPDT:8308
SYN: CHIRONEX FLECKERI TOXIN

TOXICITY DATA AND REFERENCES:

	par-mus LDLo:167 ug/kg	TOXIA6 9,145,71

XW5883000 TOXIN, SHIGELLA DYSENTERIAE

UPDT:8311
SYN: S. DYSENTERIAE TOXIN * SHIGELLA DYSENTERIAE TOXIN

TOXICITY DATA AND REFERENCES:

1C08	ipr-mus LD50:250 ng/kg	JOIMA3 130,380,83
1C08	ivn-mus LD50:450 ng/kg	JOIMA3 130,380,83
1C08	ivn-rbt LD50:2200 pg/kg	JOIMA3 130,380,83

TOXIN T2 see: YD0100000
TOXOBIDIN see: UU6825000
TOXOFLAVIN see: UW7875000
TOXOFLAVINE see: UW7875000
TOXOGONIN see: UU6825000
TOXOGONIN DICHLORIDE see: UU6825000
TOXOGONINE see: UU6825000
TOXON 63 see: XW5250000
TOXYLON POMIFERUM see: LK8749000
TOXYPHEN see: XW5250000
TOYO ACID PHLOXINE see: LM5820000
TOYO AMARANTH see: QJ6550000
TOYOCAMYCIN see: UY9100000
TOYOCAMYCIN NUCLEOSIDE see: UY9100000
TOYO EOSINE G see: LM5850000
TOYOLAC see: AT6970000

TOYOLAC 100 see: AT6970000
TOYOLAC 400 see: AT6970000
TOYOLAC 600 see: AT6970000
TOYOLAC 9000 see: AT6970000
TOYOLAC T 100 see: AT6970000
TOYOMYCIN see: GB7875000
TOYO OIL ORANGE see: QL4900000
TOYO OIL RED BB see: QL5775000
TOYO OIL YELLOW G see: BX7350000
TP see: XA3115000
TP-21 see: SP2100000
T 23P see: UB0350000
2,4,5-TP see: UF8225000

XW6655000 TP 680
UPDT:8408 CAS: 59711-77-2
SYN: ZP 680
TOXICITY DATA AND REFERENCES:
orl-rat LD50:33 gm/kg NPIRI* 2,239,75

TP 2098 see: AT6970000
Trp-P-1 see: UU9351900
Trp-P-2 see: UU9354000
TPA see: GZ0630000
TPA see: QH4377000
TPA-3-beta-OL see: GZ0590050
TP 908 see: PA3400000
TPBO see: EN0330050
TPD see: LQ0699000
2,4,5-T PGBEE see: AJ8440000
TPIA see: UF6125000
TPN (pesticide) see: NT2600000
T 45 (POLYGLYCOL) see: MD0907600
TPP see: TC8400000
TPTA see: WH6650000
TPTC see: WH6860000
TPTH see: WH8575000
TPTOH see: WH8575000
TPZA see: WH6650000
TR1 see: JH4920000
TR see: OS0700000
TR 201 see: WL6478000
TR-495 see: VA3850000
TRABEST see: UY0704600
TRACEBIL see: AY3170000
TRACEBYL see: AY3170000

XW7499000 TRACHELOSPERMUM FRAGRANS Hook. f., extract excluding roots
DEF:Indian plant belonging to the family APOCYNACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: LATA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 11,43,73

TRACHOSEPT see: AR9660000
TRADENAL see: UK6650000

XW7520000 TRADESCANTIA FLUMINENSIS Vell., extract
DEF:Indian plant belonging to the family COMMELINACEAE (IJEBA6 9,91,71)
UPDT:8303
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

TRADON see: RQ2975000
TRADONE see: RQ2975000
TRAFARBIOT see: XH8425000

XW7750000 TRAGACANTH GUM
UPDT:8412 CAS: 9000-65-1
SYN: GUM TRAGACANTH
TOXICITY DATA AND REFERENCES:
* orl-rat LDLo:20 gm/kg FOREAE 13,29,48
orl-mus LD50:10000 mg/kg FDRLI* 124,-,76
orl-rbt LD50:7200 mg/kg FDRLI* 124,-,76
orl-ham LD50:8800 mg/kg FDRLI* 124,-,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TRAGAYA see: AZ5820000

XW7766000 TRAGIA INVOLUCRATA Linn., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: BICHATI, extract
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-mus LD50:250 mg/kg IJEBA6 15,208,77

XW7770000 TRAGIA MUELLERIANA var. UNICOLOR Pax. & Hoffm., extract excluding roots
DEF:Indian plant belonging to the family EUPHORBIACEAE (IJEBA6 11,43,73)
UPDT:8307
SYN: CHURKI EXTRACT
TOXICITY DATA AND REFERENCES:
2H30U26 ipr-mus LD50:500 mg/kg IJEBA6 11,43,73

TRAKIPEAL see: DE9450000
TRALGON see: AE4200000
TRAMACIN see: TU3920000
TRAMADOL see: GV8925000
TRAMADOL HYDROCHLORIDE see: GV8940000
TRAMAL see: GV8925000
TRAMAL see: GV8940000
TRAMAT see: PB1950000
TRAMAZOLINE HYDROCHLORIDE MONOHYDRATE see: NI3200000
TRAMETAN see: JO1400000
TRAMISOL see: NJ5960000
TRAMISOLE see: NJ5960000
TRANCALGYL see: CV4900000
TRANCOLON see: TN5950000
TRANCOPAL see: XJ1050000
TRANDATE see: CV5376000
TRANEX see: GU8400000
TRANEXAMIC ACID see: GU8400000
TRANEXAN see: GU8400000
TRANHEXAMIC ACID see: GU8400000
TRANID see: RB7700000
TRANILAST see: DG8731000
TRANIMUL see: DF1575000
TRANITE D-LAY see: RZ2620000
TRANK see: TN2272600
TRANKVILAN see: TZ0175000
TRANLISANT see: TZ0175000
TRANMEP see: TZ0175000
TRAN-Q see: KK2275000
TRAN-Q DIHYDROCHLORIDE see: KK2280000
TRANQDYN see: DF1575000
TRANQUIL see: TZ0175000
TRANQUIL see: UB9275000
TRANQUILAN see: TZ0175000
TRANQUILAN see: XO1050000
TRANQUILATE see: TZ0175000
TRANQUILAX see: TZ0175000
TRANQUILAX see: DE9070000
TRANQUILINE see: TZ0175000
TRANQUILLIN see: DD2800000
TRANQUILLINE see: DD2800000
TRANQUILSAN see: TZ0175000
TRANQUINIL see: ZG0875000
TRANQUINOL see: TZ0175000
TRANQUIRIT see: DF1575000
TRANQUISAN see: TZ0175000
TRANQUIZINE DIHYDROCHLORIDE see: KK2280000
TRANQUO-BUSCOPAN-WIRKSTOFF see: DF1400000
TRANS-AID see: XK7875000
TRANSALLYL CR 39 see: FG2080000
TRANSAMIN see: GU8400000
TRANSAMINE see: AG6825000
TRANSAMINE see: GZ2450000
TRANSAMINE see: AJ8400000
TRANSAMLON see: GU8400000
TRANSANNON see: GL1224000
TRANSEDON see: SO2275000
TRANSENE see: DE8750000
TRANSENTINE see: AH2624000
TRANSENTINE HYDROCHLORIDE see: AH2625000
TRANSERGAN see: SN7350000
TRANSERPIN see: ZG0350000
TRANSILIUM see: DE8750000
TRANSIT see: CB2625000
TRANSPARENT BRONZE SCARLET see: DB5500000
TRANSPLANTONE see: QJ0875000
TRANSPOISE see: RQ3500000
TRANSVAALIN see: EI3325000
TRANSVAALIN AGLYCON see: EI3500000
TRANSVAALIN, DEGLUCO- see: UK6650000
TRANS-VERT see: PA2625000
TRANXENE see: DE8750000
TRANXILEN see: DE8750000
TRANXILENE see: DE8750000
TRANXILIUM see: DE8750000
TRANYLCYPRAMINE see: GZ2450000
TRANYLCYPROMINE see: GZ2450000
TRANZER see: YT2800000
TRANZETIL see: AH2624000
TRANZINE see: SO1750000
TRAPANAL see: CQ6475000
TRAPANAL SODIUM see: CQ6475000
TRAPEX see: PA9625000
TRAPEX see: FC2100000
TRAPEXIDE see: PA9625000
TRAPIDIL see: XZ5700000
TRAPYMIN see: XZ5700000
TRAQUILAN see: XO1050000
TRAQUIZINE see: KK2275000
TRASAN see: AG1575000
TRASENTIN see: AH2624000
TRASENTIN see: AH2625000
TRASENTINE see: AH2624000
TRASENTINE-A see: GU6825000
TRASENTINE-A HYDROCHLORIDE see: GU6825000
TRASENTINE-6H HYDROCHLORIDE see: GU6825000
TRASENTINE HYDROCHLORIDE see: AH2625000
TRASENTIN H see: GU6825000
TRASENTIN HYDROCHLORIDE see: AH2625000
TRASICOR see: UA5277000
TRASYLOL see: YN5080000
TRATUL see: MF0035500
TRAUMAIDE see: GM8925000
TRAUSABUM see: CB0770000 delta-(sup 9(10),gamma)-ANTHRACENEPROPYLAMINE, N,N,10,10-TETRAMETHYL-
TRAUSABUN see: CB0770000 delta-(sup 9(10),gamma)-ANTHRACENEPROPYLAMINE, N,N,10,10-TETRAMETHYL-
TRAUSABUN see: CB0875000
TRAVAD see: CR0600000
TRAVELIN see: XH5082000
TRAVELMIN see: XH5082000
TRAVELON see: TL1970000
TRAVEX see: FO0525000
TRAWOTOX see: FM8750000
TRAXANOX SODIUM PENTAHYDRATE see: DJ3175000
TRAZININ see: YN5080000
TRAZODONE HYDROCHLORIDE see: YM1431000
TRECALMO see: XJ9040000
TRECATOR see: NS0350000
TREDIONE see: RQ2100000
TREDUM see: SA0525000

XX1885000 TREEMOSS CONCRETE
DEF:A greyish-black to brownish semi solid or viscous liquid in which principal constituentsare LICHEN ACIDS (FCTXAV 13,681,75)
UPDT:8305
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 13,915,75
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4330 mg/kg FCTXAV 13,915,75

TREFANOCIDE see: XU9275000
TREFICON see: XU9275000
TREFLAM see: XU9275000
TREFLAN see: XU9275000
TREFLAN mixed with DYMID see: XX1940000
TREFLANOCIDE ELANCOLAN see: XU9275000

XX1940000 TREFMID

DEF:Mixture of DIPHENAMID 50% and TRIFLURALIN 3.1% (FMCHA2 -,C241,83)

UPDT:8309

SYN: DYMID mixed with TREFLAN * TREFLAN mixed with DYMID

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:2300 mg/kg FMCHA2 -,C241,83

TRE-HOLD see: QJ0875000

TREITOL, 1,4-DIMETHANESULFONATE, (2S,3S)- (8CI) see: XO8500000

TRELMAR see: TZ0175000

XX1970000 TREMA ORIENTALIS Bl., extract excluding roots

DEF:Indian plant belonging to the family ULMACEAE (IJEBA6 12,512,74)

UPDT:8302

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:750 mg/kg IJEBA6 12,512,74

XX1980000 TREMA POLITORIA Planch., extract excluding roots

DEF:Indian plant belonging to the family ULMACEAE (IJEBA6 11,43,73)

UPDT:8302

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:250 mg/kg IJEBA6 11,43,73

TREMBLEX see: DW1080000

XX2035000 TREMELLA FUCIFORMIS Berk., polysaccharide extract

UPDT:8403

SYN: TREMELLA FUCIFORMIS POLYSACCHARIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:1629 mg/kg CYTPDT 7(4),35,82

TREMELLA FUCIFORMIS POLYSACCHARIDE see: XX2035000

TREMERAD see: VN7885000

TREMIN see: TN2625000

TREMOLITE see: CI6475000

TREMORINE see: UY0175000

TREMORTIN A see: RY7535000

TREMORTIN B see: RY7537000

TRENIMON see: DK7175000

TRENTADIL see: XH4920000

TRENTAL see: XH2475000

TREOMICETINA see: AB6825000

TREOSULFAN see: XO8500000

TREPENOL WA see: WT1050000

TREPIBUTONE see: UF8440000

TREPIDONE see: RQ3500000

TRESANIL see: QF1790000

TRESCATYL see: NS0350000

TRESCAZIDE see: NS0350000

TRESITOPE see: AY6750000

TRESOCHIN see: VB2360000

TRESPAPHAN see: UD1842000

TRESPAPHAN CEA see: UD1842000

TRESPAPHAN N 12 see: UD1842000

TRESULFAN see: XO8500000

TRETAMIN see: XZ2100000

TRETAMINE see: XZ2100000

TRETHYLENE see: KX4550000

TRETINOIN see: VH6475000

TREUPEL see: AM4375000

XX3230000 TREVESIA PALMATA Vis., extract excluding roots

DEF:Indian plant belonging to the family ARALICEAE (IJEBA6 12,512,74)

UPDT:8302

TOXICITY DATA AND REFERENCES:

1M10 ipr-mus LD50:93 mg/kg IJEBA6 12,512,74

TREVIN see: BA3675000

TREVINTIX see: NS0650000

TREX-SAN see: DG7506200

TRI see: KX4550000

TRI-6 see: GV4900000

TRIABARB see: CQ6825000

TRI-ABRODIL see: DG0888000

TRIAC see: AI1980000

TRIACETIN see: AK3675000

TRIACETINE see: AK3675000

TRIACETALDEHYDE (French) see: YK0525000

TRIACETIC ACID LACTONE see: UQ1000000

4',5,7-TRIACETOXY FLAVONE see: LK9279000

TRIACETYL-6-AZAURIDINE see: XY8577000

2',3',5'-TRIACETYL-6-AZAURIDINE see: XY8577000

2',3',5'-TRI-O-ACETYL-6-AZAURIDINE see: XY8577000

TRIACETYLDIPHENOLISATIN see: NM3250000

TRIACETYL GLYCERINE see: AK3675000

TRIACETYLOLEANDOMYCIN see: RJ9900000

2-(2',3',5'-TRIACETYL-beta-D-RIBOFURANOSYL)-as-TRIAZINE-3,5-(2H,4H)-DIONE see: XY8577000

TRIAD see: KX4550000

TRIADENYL see: AU7416000

TRIADIMEFON see: EL7100000

TRIADIMENOL see: KK2200000

TRIADIMENOL see: OW0875000

TRI-ERVONUM see: TU4140000

TRIAETHANOLAMIN-NG see: KL9275000

TRIAETHYLAMIN (German) see: YE0175000

TRIAETHYLENPHOSPHORSAEUREAMID (German) see: SZ1750000

TRIAETHYLZINNACETAT (German) see: WH5950000

TRIAFUR see: XI3600000

TRIAL see: KX4550000

TRIALLATE see: EZ8575000

XX5950000 TRIALLYLAMINE

UPDT:8408 CAS: 102-70-5 MW: 137.25 MOLFM: C9-H15-N

SYN: 2-PROPEN-1-AMINE, N-N-DI-2-PROPENYL- (9CI) * TRIALLYLAMINE (DOT) * UN 2610 (DOT)

IRRITATION DATA AND REFERENCES:

skn-rbt 10 mg/24H open SEV AIHAAP 23,95,62

TOXICITY DATA AND REFERENCES:

1J02 ihl-man TCLo:13 ppm/5M AEHLAU 1,343,60

* orl-rat LD50:1030 mg/kg AIHAAP 23,95,62

* ihl-rat LC50:2800 mg/m3/4H 85GMAT -,112,82

3F11J25K30 orl-mus LD50:492 mg/kg AEHLAU 1,343,60

3F11J25K30 ipr-mus LD50:187 mg/kg AEHLAU 1,343,60

1R10 skn-rbt LD50:400 mg/kg AIHAAP 23,95,62

* ihl-mam LC50:2800 mg/m3 TPKVAL 14,80,75

* unk-mam LD50:620 mg/kg TPKVAL 14,80,75

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; CFRGBR 49,172.102,83
LABEL:FLAMMABLE LIQUID

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TRIALLYLAMINE (DOT) see: XX5950000

TRIALLYL BORATE see: ED4810000

TRIALLYL BORATE (DOT) see: ED4810000

TRIALLYL CYANAURATE see: XZ2080000

TRIALLYL CYANURATE see: XZ2080000

TRIALLYLOXYBORANE see: ED4810000

TRIAMCINCOLONE ACETONIDE see: TU3920000

TRIAMCINOLONE see: TU3850000

TRIAMCINOLONE ACETONIDE see: TU3920000

TRIAMCINOLONE 16,17-ACETONIDE see: TU3920000

TRIAMCINOLONE DIACETATE see: TU3950000

TRIAMCINOLONE HEXACETONIDE see: TU3930000

TRIAMELIN see: XZ2100000

TRIAMIFOS (German, Dutch, Italian) see: TA1400000

TRIAMM'NETRICHLOROPLATINUM(1+) CHLORIDE see: TP2509230

s-TRIAMINOBENZENE see: DC1951580

sym-TRIAMINOBENZENE see: DC1951580

1,2,3-TRIAMINOBENZENE see: DC1951530

1,2,4-TRIAMINOBENZENE see: DC1951540

1,3,4-TRIAMINOBENZENE see: DC1951540

1,3,5-TRIAMINOBENZENE see: DC1951580

2,4,7-TRIAMINO-6-FENILPTERIDINA (Italian) see: UO3470000

TRIAMINOGUANIDINE NITRATE see: MF6682000

4,5,6-TRIAMINO-2-MERCAPTOPYRIMIDINE see: UW5820500

2,4,5-TRIAMINO-6-OXYPYRIMIDINE see: UW7591000

2,4,7-TRIAMINO-6-PHENYLPTERIDINE see: UO3470000

4,5,6-TRIAMINO-2(1H)-PYRIMIDINETHIONE see: UW5820500

2,5,6-TRIAMINO-4(1H)-PYRIMIDINONE see: UW7591000

2,4,6-TRIAMINO-s-TRIAZINE see: OS0700000

TRIAMINOTRIPHENYLMETHANE see: PB7350000

p,p',p''-TRIAMINOTRIPHENYLMETHANE see: PB7350000

4,4',4''-TRIAMINOTRIPHENYLMETHANE see: PB7350000

4,4'4''-TRIAMINOTRIPHENYLMETHAN-HYDROCHLORID (German) see: CX9850000

TRIAMIPHOS see: TA1400000

cis-TRIAMMINETRICHLORORHODIUM (III) see: VI9365000

TRIAMMINETRINITRATATORHODIUM (III) see: VI9370000

TRIAMMONIUM ALUMINUM HEXAFLUORIDE see: BD0050000

XX7341000 TRIAMMONIUM CITRATE, pyrolyzate

UPDT:8308

MUTATION DATA AND REFERENCES:

mma-sat 1 mg/plate ABCHA6 46,1067,82

TRIAMMONIUM HEXAFLUOROALUMINATE see: BD0050000

TRIAMMONIUMHEXAFLUOROALUMINATE(3-) see: BD0050000

TRIAMMONIUM TRIS-(ETHANEDIOATO(2-)-0,0')FERRATE(3-1) see: LJ8932000

TRIAMPHOS see: TA1400000

TRIAMPUR see: UO3470000

TRIAMTEREN see: UO3470000

TRIAMTERENE see: UO3470000

TRIAMTERIL see: UO3470000

TRIAMTERIL COMPLEX see: UO3470000

TRIANA, combustion products see: AT6975000

TRIANGLE see: GL8900000

TRI-p-ANISYLCHLOROETHYLENE see: KV0600000

TRIANOL DIRECT BLUE 3B see: QJ6475000

TRIANON see: DA9625000

XX7703000 TRIANTHEMA MONOGYNA Linn., extract

DEF:Indian plant belonging to the family FICOIDEAE (IJEBA6 16,228,78)

UPDT:8412

TOXICITY DATA AND REFERENCES:

2H02P02 ipr-rat LD50:250 mg/kg IJEBA6 16,228,78

TRIANTINE BROWN BRS see: GL7375000

TRIANTINE FAST BROWN OG see: GL7375000

TRIANTINE FAST BROWN OR see: GL7375000

TRIANTINE LIGHT BROWN BRS see: GL7375000

TRIANTINE LIGHT BROWN OG see: GL7375000

TRIANTINE LIGHT BROWN 3RN see: BQ4550000

TRIANTOIN see: MU2275000

TRIAQUATRICHLORORHODIUM see: VI9400000

TRIASOL see: KX4550000

TRIASYN see: XY7175000

TRIATOMIC OXYGEN see: RS8225000

TRIATOX see: ZF0480000

XX8510000 3,4,11b-TRIAZACYCLOHEPTA(j,k)FLUORENE, 1,2,4,5,6,7-HEXAHYDRO-2,4-DIMETHYL-

UPDT:8312 MW: 253.38 MOLFM: C16-H19-N3

SYN: 1,2,4,5,6,7-HEXAHYDRO-2,4-DIMETHYL-3,4,11b-TRIAZACYCLOHEPTA(j,k)FLUORENE

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:71 mg/kg PCJOAU 16,654,82

XX8520000 3,4,11b-TRIAZACYCLOHEPTA(j,k)FLUORENE, 1,2,3,5,6,7-HEXAHYDRO-3-ETHYL-

UPDT:8312 MW: 253.38 MOLFM: C16-H19-N3

SYN: 1,2,3,5,6,7-HEXAHYDRO-3-ETHYL-3,4,11b-TRIAZACYCLOHEPTA(j,k)FLUORENE

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:185 mg/kg PCJOAU 16,654,82

XX8530000 3,4,11b-TRIAZACYCLOHEPTA(j,k)FLUORENE, 1,2,3,5,6,7-HEXAHYDRO-3-METHYL-

UPDT:8312 MW: 239.35 MOLFM: C15-H17-N3

SYN: 1,2,3,5,6,7-HEXAHYDRO-3-METHYL-3,4,11b-TRIAZACYCLOHEPTA(j,k)FLUORENE

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:193 mg/kg PCJOAU 16,654,82

XX8538000 1H-3,4,10b-TRIAZAFLUORANTHENE, 2,3-DIHYDRO-3-METHYL-

UPDT:8312 MW: 223.30 MOLFM: C14-H13-N3

SYN: 2,3-DIHYDRO-3-METHYL-1H-3,4,10b-TRIAZAFLUORANTHENE

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:88 mg/kg PCJOAU 16,654,82

XX8539000 1H-3,4,10b-TRIAZAFLUORANTHENE, 2,3,5,6-TETRAHYDRO-10-(BENZYLOXY)-3,5-DIMETHYL-

UPDT:8312 MW: 345.48 MOLFM: C22-H23-N3-O

SYN: 2,3,5,6-TETRAHYDRO-10-(BENZYLOXY)-3,5-DIMETHYL-1H-3,4,10b-TRIAZAFLUORANTHENE

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:405 mg/kg PCJOAU 16,654,82

XX8539400 1H-3,4,10b-TRIAZAFLUORANTHENE, 2,3,5,6-TETRAHYDRO-3,5-DIMETHYL-

UPDT:8312 MW: 239.35 MOLFM: C15-H17-N3

SYN: 2,3,5,6-TETRAHYDRO-3,5-DIMETHYL-1H-3,4,10b-TRIAZAFLUORANTHENE

TOXICITY DATA AND REFERENCES:

* scu-mus LD50:162 mg/kg PCJOAU 16,654,82

XX8539600 1H-3,4,10b-TRIAZAFLUORANTHENE, 2,3,5,6-TETRAHYDRO-3,10-DIMETHYL-

UPDT:8312 MW: 239.35 MOLFM: C15-H17-N3

SYN: 2,3,5,6-TETRAHYDRO-3,10-DIMETHYL-1H-3,4,10b-TRIAZAFLUORANTHENE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:245 mg/kg PCJOAU 16,654,82

XX8539700 1H-3,4,10b-TRIAZAFLUORANTHENE, 2,3,5,6-TETRAHYDRO-10-ETHOXY-3-METHYL-
UPDT:8312 MW: 269.38 MOLFM: C16-H19-N3-O
SYN: 2,3,5,6-TETRAHYDRO-10-ETHOXY-3-METHYL-1H-3,4,10b-TRIAZAFLUORANTHENE
TOXICITY DATA AND REFERENCES:
1U25 scu-mus LD50:220 mg/kg PCJOAU 16,654,82

XX8539800 1H-3,4,10b-TRIAZAFLUORANTHENE, 2,3,5,6-TETRAHYDRO-10-FLUORO-3-METHYL-
UPDT:8312 MW: 243.31 MOLFM: C14-H14-F-N3
SYN: 2,3,5,6-TETRAHYDRO-10-FLUORO-3-METHYL-1H-3,4,10b-TRIAZAFLUORANTHENE
TOXICITY DATA AND REFERENCES:
1U25 scu-mus LD50:210 mg/kg PCJOAU 16,654,82

XX8539900 1H-3,4,10b-TRIAZAFLUORANTHENE, 2,3,5,6-TETRAHYDRO-9-METHOXY-3-METHYL-
UPDT:8312 MW: 255.35 MOLFM: C15-H17-N3-O
SYN: 2,3,5,6-TETRAHYDRO-9-METHOXY-3-METHYL-1H-3,4,10b-TRIAZAFLUORANTHENE
TOXICITY DATA AND REFERENCES:
1U25 scu-mus LD50:175 mg/kg PCJOAU 16,654,82

XX8539910 1H-3,4,10b-TRIAZAFLUORANTHENE, 2,3,5,6-TETRAHYDRO-10-METHOXY-3-METHYL-
UPDT:8312 MW: 255.35 MOLFM: C15-H17-N3-O
SYN: 2,3,5,6-TETRAHYDRO-10-METHOXY-3-METHYL-1H-3,4,10b-TRIAZAFLUORANTHENE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:250 mg/kg PCJOAU 16,654,82

XX8550000 1H-3,4,10b-TRIAZAFLUORANTHENE, 2,3,5,6-TETRAHYDRO-3-METHYL-
UPDT:8312 MW: 225.32 MOLFM: C14-H15-N3
SYN: 2,3,5,6-TETRAHYDRO-3-METHYL-1H-3,4,10b-TRIAZAFLUORANTHENE
TOXICITY DATA AND REFERENCES:
1U25 scu-mus LD50:152 mg/kg PCJOAU 16,654,82

XX8556000 1H-3,4,10b-TRIAZAFLUORANTHENE, 2,3,5,6-TETRAHYDRO-3-METHYL-10-PROPOXY-
UPDT:8312 MW: 283.41 MOLFM: C17-H21-N3-O
SYN: 2,3,5,6-TETRAHYDRO-3-METHYL-10-PROPOXY-1H-3,4,10b-TRIAZAFLUORANTHENE
TOXICITY DATA AND REFERENCES:
1U25 scu-mus LD50:170 mg/kg PCJOAU 16,654,82

XX8560000 1H-3,4,10b-TRIAZAFLUORANTHEN-10-OL, 2,3,5,6-TETRAHYDRO-3-METHYL-
UPDT:8312 MW: 241.32 MOLFM: C14-H15-N3-O
SYN: 2,3,5,6-TETRAHYDRO-3-METHYL-1H-3,4,10b-TRIAZAFLUORANTHEN-10-OL
TOXICITY DATA AND REFERENCES:
1U25 scu-mus LD50:164 mg/kg PCJOAU 16,654,82

1,2,3-TRIAZAINDENE see: DM1225000

XX8590000 1H-4,5,12b-TRIAZAINDENO(1,2,3-ef)HEPTALENE, 2,3,4,6,7,8-HEXAHYDRO-4-METHYL-
UPDT:8312 MW: 253.38 MOLFM: C16-H19-N3
SYN: 2,3,4,6,7,8-HEXAHYDRO-4-METHYL-1H-4,5,12b-TRIAZAINDENO(1,2,3-ef)HEPTALENE
TOXICITY DATA AND REFERENCES:
1U26 scu-mus LD50:98 mg/kg PCJOAU 16,654,82

3,5,7-TRIAZAINDOLE see: UO7450000

XX8748550 1,3,8-TRIAZASPIRO(4,5)DECANE-2,4-DIONE, 8-(2,6-DIAMINO-4-PYRIMIDINYL)-, 1'-OXIDE, HYDROCHLORIDE, DIHYDRATE
UPDT:8303 MW: 365.83 MOLFM: C11-H15-N7-O3 Cl-H 2H2-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2400 mg/kg BCFAAI 121,16,82

XX8925000 1,3,8-TRIAZASPIRO(4.5)DECAN-4-ONE, 8-(3-(p-FLUOROBENZOYL)PROPYL)-1-PHENYL-
UPDT:8407 CAS: 749-02-0 MW: 395.52 MOLFM: C23-H26-F-N3-O2
SYN: BUTYROPHENONE, 4'-FLUORO-4-(4-OXO-1-PHENYL-1,3,8-TRIAZASPIRO(4,5)DECAN-8-YL)- * 8-(3-p-FLUOROBENZOYL-1-PROPYL)-4-OXO-1-PHENYL-1,3,8-TRIAZASPIRO(4,5)DECANE * 8-(3-(p-FLUOROBENZOYL)PROPYL)-1-PHENYL-1,3,8-TRIAZASPIRO(4,5)DECAN-4-ONE * R 5147 * SPIPERONE * SPIROPERIDOL * SPIROPITAN * 1,3,8-TRIAZASPIRO(4,5)DECAN-4-ONE, 8-(4-(4-FLUOROPHENYL)-4-OXOBUTYL)-1-PHENYL-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-mus TDLo:750 mg/kg (10-12D preg) TOIZAG 28,621,81
1T43 orl-mus TDLo:300 mg/kg (10-12D preg) TOIZAG 28,621,81
1T34 orl-mus TDLo:150 mg/kg (10-12D preg) TOIZAG 28,621,81
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:14 mg/kg 27ZQAG -,193,72
* ims-rat LD50:168 mg/kg NIIRDN 6,380,82
orl-mus LD50:600 mg/kg CHTPBA 7,493,72
* ivn-mus LD50:25500 ug/kg NIIRDN 6,380,82
* ims-mus LD50:125 mg/kg NIIRDN 6,380,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,3,8-TRIAZASPIRO(4.5)DECAN-4-ONE, 8-(4-(4-FLUOROPHENYL)-4-OXOBUTYL)-1-PHENYL- see: XX8925000

XX9450000 1,3,5,2,4,6-TRIAZATRIPHOSPHORINE, 2,2,4,4,6,6-HEXAKIS(1-AZIRIDINYL)-2,2,4,4,6,6-HEXAHYDRO-
UPDT:8411 CAS: 52-46-0 MW: 387.36 MOLFM: C12-H24-N9-P3
SYN: APHOLATE * APN * AZIRIDINE, 1,3,5,2,4,6-TRIAZATRIPHOSPHORINE derivative * 1-AZIRIDINYLPHOSPHONITRILE TRIMER * ENT 26,316 * HEXA(1-AZIRIDINYL)TRIPHOSPHOTRIAZINE * 2,2,4,4,6,6-HEXAHYDRO-2,2,4,4,6,6-HEXAKIS(1-AZIRIDINYL)-1,3,5,2,4,6-TRIAZATRIPHOSPHORINE * 2,2,4,4,6,6-HEXAKIS(1-AZIRIDINYL)CYCLOTRIPHOSPHAZA-1,3,5-TRIENE * 2,2,4,4,6,6-HEXAKIS(1-AZIRIDINYL)-2,2,4,4,6,6-HEXAHYDRO-1,3,5,2,4,6-TRIAZATRIPHOSPHORINE * HEXAKIS-(1-AZIRIDINYL)PHOSPHONITRILE * HEXAKIS(AZIRIDINYL)PHOSPHOTRIAZINE * NSC-26812 * OLIN MO. 2174 * PHOLATE * SQ 8388
MUTATION DATA AND REFERENCES:
oms-oin-skn 100 ppm CYTOAN 38,21,73
cyt-oin-par 300 ug ABABAC 17,661,77
cyt-oin-orl 500 ppm ABABAC 17,661,77
cyt-oin-orl 10 ppm ABABAC 17,661,77
cyt-oin-skn 10 ppm CYTOAN 29,346,64
cyt-oin-skn 10 ppm CYTOAN 38,21,73
dlt-oin-par 2700 ng MUREAV 7,63,69
dlt-oin-unk 5 ppm BWHOA6 47,305,72
dlt-oin-par 2500 ng BEREA2 62,401,73
spm-oin-unk 20 ppm CYTBAI 12,45,75
spm-dmg-orl 1 pph ABABAC 17,661,77
spm-oin-orl 500 ppm ABABAC 17,661,77
cyt-hmn:leu 100 umol/L CHROAU 24,314,68
cyt-mus-ipr 15 mg/kg PISCAD 59(Pt. 3),417,72
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:105 mg/kg (21D male) TOLED5 12,199,82
2T31T34 ipr-rat TDLo:10 mg/kg (11D preg) AEHLAU 16,805,68
1T23 ipr-rat TDLo:10 mg/kg (1D male) 85GUAJ -,37,66
2T23T26 ipr-mus TDLo:5 mg/kg (5D male) EXPEAM 24,924,68
TOXICITY DATA AND REFERENCES:
orl-rat LD50:98 mg/kg TXAPA9 14,515,69
3C08F15F19 orl-ckn LD50:246 mg/kg TXAPA9 9,279,66
3C08F15F19 orl-qal LD50:179 mg/kg TXAPA9 9,279,66
orl-dom LDLo:50 mg/kg ANYAA9 111,715,64
ims-dom LDLo:5 mg/kg ANYAA9 111,715,64
3C08F15F19 orl-bwd LD50:246 mg/kg TXAPA9 9,279,66
3C08F15F19 orl-brd LD50:179 mg/kg TXAPA9 9,279,66
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 9,31,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XX9470000 1,3,5,2,4,6-TRIAZATRIPHOSPHORINE, 2,2,4,4,6-PENTAKIS(1-AZIRIDINYL)-2,2,4,4,6,6-HEXAHYDRO-6- (4-MORPHOLINYL)-
UPDT:8412 CAS: 37132-72-2 MW: 431.42 MOLFM: C14-H28-N9-O-P3
SYN: FOTRIN * PHOTRIN * PHOTRINE * 2,2,4,4,6-PENTAETHYLENIMINO-6-MORPHOLINO CYCLOTRIPHOSPHAZATRIEN
MUTATION DATA AND REFERENCES:
mma-sat 1 gm/plate PCJOAU 12,35,78
cyt-hmn:lym 20 mg/L/1H SOGEBZ 12,1552,76
sce-hmn:lym 5 mg/L TGANAK 16(2),34,82
sce-ham:oth 125 ug/L CYGEDX 16(4),23,82
sce-ham:oth 125 mg/L GNKAA5 19,1152,83
sce-ham:oth 125 ug/L TGANAK 16(4),21,82
cyt-pig-ipr 15 mg/kg CYGEDX 12(6),21,78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 ipr-mus TDLo:11200 ug/kg (1D male) KHFZAN 10(9),11,76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3,6,9-TRIAZAUNDECANEDIOIC ACID, 3,6,9-TRIS(CARBOXYMETHYL)- see: MB8205000

XX9580000 TRIAZENE, 1-(4-BIPHENYLYL)-3,3-DIMETHYL-
UPDT:8306 CAS: 7203-95-4 MW: 225.32 MOLFM: C14-H15-N3
SYN: 1-BIPHENYLYL-3,3-DIMETHYLTRIAZENE * TRIAZENE, 3,3-DIMETHYL-1-XENYL- * 1-XENYL-3,3-DIMETHYLTRIAZIN (Czech)
MUTATION DATA AND REFERENCES:
mma-sat 21 nmol/L JMCMAR 22,473,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:347 mg/kg 28ZPAK -,77,72
ipr-mus LD50:344 mg/kg JMCMAR 19,1299,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XX9625000 3-TRIAZENECARBOXAMIDE, 1-(3,4-DICHLOROPHENYL)THIO-
UPDT:8408 CAS: 5836-73-7 MW: 249.13 MOLFM: C7-H6-Cl2-N4-S
SYN: CHLOROPROMURITE * (3,4-DICHLOOR-FENYL-AZO)-THIOUREUM (Dutch) * 3,4-DICHLOROBENZENE DIAZOTHIOCARBAMID * 3,4-DICHLOROBENZENEDIAZOTHIOUREA * 3,4-DICHLOROPHENYLAZOTHIOUREA * 3,4-DICHLOROPHENYL-AZOTHIOUREE (French) * (3,4-DICHLOR-PHENYL-AZO)-THIOHARNSTOFF (German) * (3,4-DICLORO-FENIL-AZO)-TIOUREA (Italian) * MURITAN * PROMURIT * PROMURITE * UREA, 1-(3',4'-DICHLOROBENZENEDIAZO)-2-THIO-
TOXICITY DATA AND REFERENCES:
orl-rat LD50:280 ug/kg FEPRA7 8,282,49
ipr-rat LD50:200 ug/kg FEPRA7 8,282,49
unk-rat LD50:500 ug/kg 30ZDA9 -,237,71
orl-mus LD50:1 mg/kg 28ZEAL 5,188,76
ipr-mus LD50:1350 ug/kg FEPRA7 8,282,49
orl-dog LD50:1 mg/kg 28ZEAL 5,188,76
ipr-rbt LD50:1750 ug/kg FEPRA7 8,282,49
ipr-gpg LD50:1900 ug/kg FEPRA7 8,282,49
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XX9640000 TRIAZENE, 3-(p-CHLOROBENZYL)-1-(m-CHLOROPHENYL)-3-METHYL-
UPDT:8403 CAS: 65587-39-5 MW: 294.20 MOLFM: C14-H13-Cl2-N3
SYN: 3-(p-CHLOROBENZYL)-1-(m-CHLOROPHENYL)-3-METHYLTRIAZENE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1687 mg/kg JPMSAE 66,1416,77

XX9700000 TRIAZENE, 1-(p-CYANOPHENYL)-3,3-DIMETHYL-
UPDT:8306 CAS: 23456-95-3 MW: 174.23 MOLFM: C9-H10-N4
SYN: 1-(p-CYANOPHENYL)-3,3-DIMETHYLTRIAZENE
MUTATION DATA AND REFERENCES:
mma-sat 37 umol/L JMCMAR 22,473,79
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:477 mg/kg JMCMAR 19,1299,76

XY0330000 3,3-TRIAZENEDIETHANOL, 1-(5-NITRO-4-IMIDAZOLYL)-
UPDT:8305 MW: 244.25 MOLFM: C7-H12-N6-O4
SYN: 1-(5-NITRO-4-IMIDAZOLYL)-3,3-TRIAZENEDIETHANOL
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:50 ug/kg PCJOAU 16,203,82

XY0450000 TRIAZENE, 3,3-DIETHYL-1-PHENYL-
UPDT:8406 CAS: 13056-98-9 MW: 177.28 MOLFM: C10-H15-N3
SYN: 3,3-DIETHYL-1-PHENYLTRIAZENE * 1-FENYL-3,3-DIETHYLTRIAZEN (Czech) * 1-PHENYL-3,3-DIAETHYLTRIAZEN (German) * 1-PHENYL-3,3-DIETHYLTRIAZENE
MUTATION DATA AND REFERENCES:
mnt-mus-ipr 71 mg/kg/24H MUREAV 56,319,78
cyt-ham:lng 10 mg/L MUREAV 88,197,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 scu-rat TDLo:220 mg/kg (15D preg) IARCCD 4,45,73
TUMORIGENIC DATA AND REFERENCES:
2V01T63 scu-rat TDLo:300 mg/kg ZKKOBW 81,285,74
3V01T65A60 scu-rat TDLo:110 mg/kg (15D preg) IARCCD 4,45,73
3V01L60M61 scu-rat TD :1100 mg/kg/70W-I ZKKOBW 81,285,74
TOXICITY DATA AND REFERENCES:
orl-rat LD50:520 mg/kg 28ZPAK -,77,72
scu-rat LD50:420 mg/kg ZKKOBW 81,285,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY0495000 TRIAZENE, 3,3-DIETHYL-1-(m-PYRIDYL)-
UPDT:8412 CAS: 21600-43-1 MW: 178.27 MOLFM: C9-H14-N4
SYN: 3,3-DIETHYL-1-(m-PYRIDYL)TRIAZENE * PYDT * 1-(PYRIDYL-3-)-3,3-DIAETHYL-TRIAZEN (German) * 1-PYRIDYL-3,3-DIETHYLTRIAZENE * 1-(PYRIDYL-3)-3,3-DIETHYLTRIAZENE * m-PYRIDYL DIETHYL TRIAZENE * 1-(3-PYRIDYL)-3,3-DIETHYLTRIAZENE
MUTATION DATA AND REFERENCES:
sln-dmg-orl 2 mmol/L/3D-I ARTODN 43,201,79
mrc-smc 21 mmol/L MUREAV 21,123,73
cyt-hmn:leu 25 umol/L MUREAV 21,123,73
hma-mus/smc 1600 umol/kg MUREAV 21,123,73
cyt-ham:lng 10 mg/L MUREAV 88,197,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T35T42 scu-rat TDLo:60 mg/kg (10D preg) IARCCD 4,45,73
1T35 ivn-rat TDLo:167 mg/kg (15D preg) IARCCD 4,45,73
TUMORIGENIC DATA AND REFERENCES:
3V03A6[illegible] orl-rat TDLo:[illegible] mg/kg/73W-I ZKKOBW 77,217,72

BEST COPY

3V02P61R60 scu-rat TDLo:500 mg/kg/50W-I ZKKOBW 81,285,74
3V01T65A60 ivn-rat TDLo:55 mg/kg (15D preg) IARCCD 4,45,73
3V03C60R60 scu-rat TD :50 mg/kg ZKKOBW 81,285,74

TOXICITY DATA AND REFERENCES:
orl-rat LD50:210 mg/kg ZKKOBW 77,217,72
scu-rat LD50:210 mg/kg ZKKOBW 81,285,74

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY0700000 TRIAZENE, 3,3-DIMETHYL-1-(p-CHLOROPHENYL)-
UPDT:8401 CAS: 7203-90-9 MW: 183.66 MOLFM: C8-H10-Cl-N3
SYN: 1-p-CHLORFENYL-3,3-DIMETHYLTRIAZEN (Czech) * CHLORO-PDMT * 1-(p-CHLOROPHENYL)-3,3-DIMETHYL-TRIAZENE * 1-(4-CHLOROPHENYL)-3,3-DIMETHYLTRIAZENE * 1-(p-CHLOR-PHENYL)-3,3-DIMETHYL-TRIAZEN (German)

MUTATION DATA AND REFERENCES:
mma-sat 5 mmol/L MUREAV 36,1,76
sln-dmg-orl 100 umol/L CBINA8 9,365,74
mnt-mus-ipr 50 mg/kg/24H MUREAV 56,319,78

TUMORIGENIC DATA AND REFERENCES:
3V01M61Q60 scu-rat TDLo:3200 mg/kg/70W-I ZKKOBW 81,285,74
3V02A60M61 scu-rat TD :300 mg/kg ZKKOBW 81,285,74

TOXICITY DATA AND REFERENCES:
orl-rat LD50:362 mg/kg 28ZPAK -,98,72
scu-rat LD50:330 mg/kg ZKKOBW 81,285,74

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY1225000 TRIAZENE, 3,3-DIMETHYL-1-(p-METHOXYPHENYL)-
UPDT:8401 CAS: 7203-92-1 MW: 179.25 MOLFM: C9-H13-N3-O
SYN: 3,3-DIMETHYL-1-p-METHOXYPHENYLTRIAZENE * 1-p-METHOXYFENYL-3,3-DIMETHYLTRIAZEN (Czech) * 1-(p-METHOXYPHENYL)-3,3-DIMETHYL-TRIAZENE * 1-(4-METHYLOXYPHENYL)-3,3-DIMETHYLTRIAZINE

MUTATION DATA AND REFERENCES:
sln-dmg-orl 1 mmol/L CBINA8 9,365,74
mrc-smc 1 mmol/L/1H CBINA8 9,365,74
hma-mus/smc 10 mmol/L CBINA8 9,365,74

TUMORIGENIC DATA AND REFERENCES:
3V01M61V10 scu-rat TDLo:1700 mg/kg/45W-I ZKKOBW 81,285,74

TOXICITY DATA AND REFERENCES:
orl-rat LD50:347 mg/kg 28ZPAK -,119,72
scu-rat LD50:450 mg/kg ZKKOBW 81,285,74

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY1300000 TRIAZENE, 3,3-DIMETHYL-1-(m-METHYLPHENYL)-
UPDT:8401 CAS: 20241-03-6 MW: 163.25 MOLFM: C9-H13-N3
SYN: 3,3 DIMETHYL-1-(m-METHYLPHENYL)TRIAZENE * 3,3-DIMETHYL-1-(m-TOLYL)TRIAZENE * 1-(m-METHYLPHENYL)-3,3-DIMETHYL-TRIAZENE * 1-(3-METHYLPHENYL)-3,3-DIMETHYLTRIAZENE * TRIAZENE, 3,3-DIMETHYL-1-(m-TOLYL)-

MUTATION DATA AND REFERENCES:
mma-sat 400 nmol/L JMCMAR 22,473,79

TUMORIGENIC DATA AND REFERENCES:
2V01M61 orl-rat TDLo:250 mg/kg ZKKOBW 81,285,74
3V01K61M61 scu-rat TDLo:500 mg/kg ZKKOBW 81,285,74
3V01M61R60 scu-rat TD :2700 mg/kg/56W-I ZKKOBW 81,285,74

TOXICITY DATA AND REFERENCES:
orl-rat LD50:300 mg/kg ZKKOBW 81,285,74
scu-rat LD50:500 mg/kg ZKKOBW 81,285,74
ipr-mus LD50:201 mg/kg JMCMAR 19,1299,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY1350000 TRIAZENE, 3,3-DIMETHYL-1-(o-METHYLPHENYL)-
UPDT:8401 CAS: 20240-98-6 MW: 163.25 MOLFM: C9-H13-N3
SYN: 3,3-DIMETHYL-1-(o-METHYLPHENYL)TRIAZENE * 3,3-DIMETHYL-1-(o-TOLYL)TRIAZENE * 1-(o-METHYLPHENYL)-3,3-DIMETHYL-TRIAZEN (German) * 1-(o-METHYLPHENYL)-3,3-DIMETHYL-TRIAZENE * 1-(2-METHYLPHENYL)-3,3-DIMETHYLTRIAZENE

TUMORIGENIC DATA AND REFERENCES:
3V01C60T64 orl-rat TDLo:300 mg/kg ZKKOBW 81,285,74
3V01C60M61 scu-rat TDLo:500 mg/kg ZKKOBW 81,285,74
3V01A60V10 scu-rat TD :1620 mg/kg/45W-I ZKKOBW 81,285,74

TOXICITY DATA AND REFERENCES:
orl-rat LD50:350 mg/kg ZKKOBW 81,285,74
scu-rat LD50:500 mg/kg ZKKOBW 81,285,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY1400000 TRIAZENE, 3,3-DIMETHYL-1-(p-METHYLPHENYL)-
UPDT:8306 CAS: 7203-89-6 MW: 163.25 MOLFM: C9-H13-N3
SYN: 1-p-METHYLFENYL-3,3-DIMETHYLTRIAZEN (Czech)

MUTATION DATA AND REFERENCES:
mma-sat 100 nmol/L JMCMAR 22,473,79

TOXICITY DATA AND REFERENCES:
orl-rat LD50:395 mg/kg 28ZPAK -,76,72

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY1450000 TRIAZENE, 3,3-DIMETHYL-1-(p-NITROPHENYL)-
UPDT:8401 CAS: 7227-92-1 MW: 194.22 MOLFM: C8-H10-N4-O2
SYN: 3,3-DIMETHYL-1-(p-NITROPHENYL)TRIAZENE * 1-p-NITROFENYL-3,3-DIMETHYLTRIAZEN (Czech) * 1-(p-NITROPHENYL-3,3-DIMETHYL-TRIAZEN (German) * 1-(p-NITROPHENYL)-3,3-DIMETHYL-TRIAZENE * 1-(4-NITROPHENYL)-3,3-DIMETHYLTRIAZENE

TUMORIGENIC DATA AND REFERENCES:
3V02A60C60 scu-rat TDLo:3250 mg/kg/72W-I ZKKOBW 81,285,74
2V03C60 scu-rat TD :330 mg/kg ZKKOBW 81,285,74

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1660 mg/kg 28ZPAK -,133,72
scu-rat LD50:350 mg/kg ZKKOBW 81,285,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY2100000 TRIAZENE, 3,3-DIMETHYL-1-PHENYL-
UPDT:8406 CAS: 7227-91-0 MW: 149.22 MOLFM: C8-H11-N3
SYN: 3,3-DIMETHYL-1-PHENYLTRIAZENE * DMPT * 1-FENYL-3,3-DIMETHYLTRIAZIN * PDMT * PDt * PHENYL-DIMETHYL-TRIAZINE * 1-PHENYL-3,3-DIMETHYLTRIAZENE * 1-PHENYL-3,3-DIMETHYL-TRIAZINE

MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate JJIND8 62,873,79
mma-sat 500 ng/plate JJIND8 62,873,79
dnr-esc 250 ug/disc JJIND8 62,873,79
cyt-dmg-par 10 mmol/L JOGNAU 54,146,56
sln-dmg-orl 700 umol/L CBINA8 9,365,74
sln-dmg-par 300 umol/L JOGNAU 54,146,56
dlt-dmg-orl 1730 umol/L GENTAE 87,67,77
mmo-nsc 2500 umol/L MUREAV 13,276,71
mrc-smc 900 ppm JJIND8 62,901,79
cyt-hmn:leu 25 umol/L MUREAV 21,123,73
dnd-rat-scu 150 mg/kg CNREA8 36,2189,76
cyt-rat-ipr 35 mg/kg M[illegible]EAV 56,39,77
mnt-mus-ipr 6240 ug/kg/24H M[illegible]EAV 56,319,78
sce-mus-ipr 60 ug/kg/6H-I [illegible]EDQ 35,299,77
hma-mus/sat 12 mg/kg [illegible]ND8 62,911,79
hma-mus/smc 400 umol/kg AGACBH 3,99,73
otr-ham:emb 100 ug/L NCIMAV 58,243,81
cyt-ham:lng 10 mg/L MUREAV 88,197,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 scu-rat TDLo:125 mg/kg (15D preg) IARCCD 4,45,73

TUMORIGENIC DATA AND REFERENCES:
3V01C60M61 orl-rat TDLo:310 mg/kg ZKKOBW 81,285,74
3V01A60M61 scu-rat TDLo:1250 mg/kg/59W-I ZKKOBW 81,285,74
3V01T65A60 scu-rat TDLo:75 mg/kg (23D preg) IARCCD 4,45,73
2V03A60 ivn-rat TDLo:30500 ug/kg/16W-I ZAPPAN 115,8,72
3V03T65A60 ivn-rat TDLo:10 mg/kg (22D preg) ZAPPAN 115,8,72
3V03A60M61 scu-rat TD :1166 mg/kg/47W-I FCTXAV 6,579,68
3V01A60M61 orl-rat TD :1600 mg/kg/79W-C ZKKOBW 81,285,74
3V03A60M61 orl-rat TD :2040 mg/kg/47W-I FCTXAV 6,579,68
2V03A60 orl-rat TD :1650 mg/kg/33W-I XENOBH 3,271,73
3V03A60B60 scu-rat TD :1250 mg/kg/59W-I NATWAY 54,171,67

TOXICITY DATA AND REFERENCES:
orl-rat LD50:310 mg/kg ZKKOBW 81,285,74
* ipr-rat LD50:180 mg/kg CPCHAO 18,307,62
ipr-mus LD50:190 mg/kg JMCMAR 19,1299,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY2275000 TRIAZENE, 3,3-DIMETHYL-1-(m-PYRIDYL)-
UPDT:8408 CAS: 19992-69-9 MW: 150.21 MOLFM: C7-H10-N4
SYN: 3-(3,3-DIMETHYL-1-TRIAZENO)PYRIDINE * PYRIDINE, 3-(3,3-DIMETHYL-1-TRIAZENO)- * 1-(PYRIDYL-3,3-DIMETHYL-TRIAZEN (German) * 1-(meta-PYRIDYL)-3,3-DIMETHYL-TRIAZENE * 1-(PYRIDYL-3)-3,3-DIMETHYL-TRIAZENE

MUTATION DATA AND REFERENCES:
sln-dmg-orl 3300 umol/L CBINA8 9,365,74
mrc-smc 33 mmol/L AGACBH 3,99,73
cyt-rat-ipr 30 mg/kg MFEPDX 1,225,79
mnt-mus-ipr 1250 ug/kg/24H MUREAV 56,319,78
sce-mus/lng 6250 ug/kg PSEBAA 158,269,78
msc-mus/lng 6250 ug/kg CRNGDP 1,353,80
hma-mus/smc 200 umol/kg AGACBH 3,99,73
sce-ham-ipr 6250 ug/kg PSEBAA 158,269,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T43T46 scu-rat TDLo:100 mg/kg (14D preg) IARCCD 4,45,73
1T35 scu-rat TDLo:10 mg/kg (10D preg) IARCCD 4,45,73
1T41 ivn-rat TDLo:5 mg/kg (14D preg) XENOBH 3,271,73
1T46 unk-rat TDLo:50 mg/kg (13D preg) XENOBH 3,271,73

TUMORIGENIC DATA AND REFERENCES:
3V02M61P61 orl-rat TDLo:160 mg/kg ZKKOBW 81,285,74
3V02M61P61 scu-rat TDLo:150 mg/kg ZKKOBW 81,285,74
3V02A60C60 scu-rat TD :500 mg/kg/44W-I ZKKOBW 81,285,74

TOXICITY DATA AND REFERENCES:
orl-rat LD50:160 mg/kg ZKKOBW 81,285,74
scu-rat LD50:130 mg/kg ZKKOBW 81,285,74

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY2300000 TRIAZENE, 3,3-DIMETHYL-1-(m-PYRIDYL-N-OXIDE)-
UPDT:8401 CAS: 21600-42-0 MW: 166.21 MOLFM: C7-H10-N4-O
SYN: (3,3-DIMETHYL-1-(m-PYRIDYL-N-OXIDE))TRIAZENE * 3-(3',3'-DIMETHYLTRIAZENO)-PYRIDIN-N-OXID (German) * 3-(3',3'-DIMETHYLTRIAZENO)-PYRIDINE-N-OXIDE * PYNDT * 1-(PYRIDYL-3-N-OXID)-3,3-DIMETHYL-TRIAZEN (German) * 1-(PYRIDYL-3-N-OXIDE)-3,3-DIMETHYLTRIAZENE

MUTATION DATA AND REFERENCES:
sln-dmg-orl 700 umol/L CBINA8 9,365,74
cyt-hmn:leu 25 umol/L MUREAV 21,123,73
hma-mus/smc 400 umol/kg AGACBH 3,99,73

TUMORIGENIC DATA AND REFERENCES:
3V01A60C60 ivn-rat TDLo:490 mg/kg/38W-I ZKKOBW 81,285,74
2V03A60 ivn-rat TD :540 mg/kg/36W-I XENOBH 3,271,73

TOXICITY DATA AND REFERENCES:
scu-rat LD50:200 mg/kg ZKKOBW 81,285,74
ivn-rat LD50:230 mg/kg ZKKOBW 81,285,74

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TRIAZENE, 3,3-DIMETHYL-1-(m-TOLYL)- see: XY1300000

XY2370000 TRIAZENE, 3,3-DIMETHYL-1-(2,4,6-TRIBROMOPHENYL)-
UPDT:8401 CAS: 50355-75-4 MW: 385.92 MOLFM: C8-H8-Br3-N3
SYN: 3,3-DIMETHYL-1-(2,4 [illegible]IBROMOPHENYL)-TRIAZENE * 1-(2,4,6-TRIBROMOPHENYL)-3,3-DIMETHYLTRIAZENE

MUTATION DATA AND REFERENCES:
mma-sat 5 mmol/L MUREAV 36,1,76
sln-dmg-orl 100 umol/L CBINA8 9,365,74
mrc-smc 10 mmol/L CBINA8 9,365,[illegible]
hma-mus/smc 10 mmol/L CBINA8 9,365,[illegible]

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

XY2380000 TRIAZENE, 3,3-DIMETHYL-1-(2,4,6-TRICHLOROPHENYL)-
UPDT:8412 CAS: 50355-74-3 MW: 252.54 MOLFM: C8-H8-Cl3-N3
SYN: 3,3-DIMETHYL-1-(2,4,6-TRICHLOROPHENYL)-TRIAZINE * 2,4,6-TRICHLORO-PHENYLDIMETHYLTRIAZENE * 2,4,6-TRICHLORO-PMDT * 1-(2,4,6-TRICHLOROPHENYL)-3,3-DIMETHYLTRIAZENE * 2,4,6-TRICl-PDMT

MUTATION DATA AND REFERENCES:
mma-sat 5 mmol/L MUREAV 36,1,76
sln-dmg-orl 500 umol/L/3D-I ARTODN 43,201,79
sln-dmg-unk 1300 umol/L DRISAA 50,138,73
dlt-dmg-orl 100 umol/L/3D MUREAV 29,383,75
mrc-smc 10 mmol/L/4H CBINA8 9,365,74
mnt-mus-ipr 50 mg/kg/24H MUREAV 56,319,78
hma-mus/smc 10 mmol/L CBINA8 9,365,74

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

TRIAZENE, 3,3-DIMETHYL-1-(p-TRIFLUOROMETHYLPHENYL)- see: XY2430000

XY2425000 TRIAZENE, 3,3-DIMETHYL-1-(2,4,6-TRIFLUOROPHENYL)-
UPDT:8401 CAS: 82136-27-4 MW: 203.19 MOLFM: C8-H8-F3-N3
SYN: 3,3-DIMETHYL-1-(2,4,6-TRIFLUOROPHENYL)TRIAZENE

MUTATION DATA AND REFERENCES:
sln-dmg-orl 1 mmol/L/24H 35WYAM -,63,76

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

XY2430000 TRIAZENE, 3,3-DIMETHYL-1-(alpha,alpha,alpha-TRIFLUORO-p-TOLYL)-
UPDT:8308 CAS: 59708-16-6 MW: 217.22 MOLFM: C9-H10-F3-N3
SYN: 3,3-DIMETHYL-1-(alpha,alpha,alpha-TRIFLUORO-p-TOLYL)TRIAZENE * TRIAZENE, 3,3-DIMETHYL-1-(p-TRIFLUOROMETHYLPHENYL)-
MUTATION DATA AND REFERENCES:
mma-sat 1 umol/L JMCMAR 22,473,79

TRIAZENE, 3,3-DIMETHYL-1-XENYL- see: XX9580000

XY2500000 TRIAZENE, 1,3-DI-1-NAPHTHYL-
UPDT:8308 MW: 297.38 MOLFM: C20-H15-N3
SYN: 1,1'-DIAZOAMINONAPHTHALENE (DOT) * 1,3-DI-1-NAPHTHYLTRIAZENE
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

XY2625000 TRIAZENE, 1,3-DIPHENYL-
UPDT:8401 CAS: 136-35-6 MW: 197.26 MOLFM: C12-H11-N3
SYN: ANILINE, N-(PHENYLAZO)- * CELLOFOR (Czech) * DAAB * DIAZOAMINOBENZEN (Czech) * DIAZOAMINOBENZENE * p-DIAZOAMINOBENZENE * DIAZOAMINOBENZOL (German) * 1,3-DIPHENYLTRIAZENE
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-mus TDLo:1480 mg/kg/59D-C GANNA2 29,209,35
3V03R60V10 skn-mus TDLo:30 gm/kg/46W-I BJCAAI 2,290,48
TOXICITY DATA AND REFERENCES:
orl-rat LD50:224 mg/kg 28ZPAK -,77,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TRIAZENE, 1-(p-ETHYLCARBOXYPHENYL)-3,3-DIMETHYL- see: DG9125000

XY2760000 TRIAZENE, 1-ETHYL-3-(p-TOLYL)-
UPDT:8401 CAS: 50707-40-9 MW: 163.25 MOLFM: C9-H13-N3
SYN: 1-ETHYL-3-p-TOLYLTRIAZENE
TUMORIGENIC DATA AND REFERENCES:
2V02J60 ipr-mus TDLo:20 mg/kg/I JNCIAM 54,495,75
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:200 mg/kg StoGD# 27May75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY2775000 TRIAZENE, 3-(2-HYDROXYETHYL)-3-METHYL-1-PHENYL-
UPDT:8401 CAS: 21600-45-3 MW: 179.25 MOLFM: C9-H13-N3-O
SYN: 3-(2-HYDROXYETHYL)-3-METHYL-1-PHENYLTRIAZENE * 1-PHENYL-3-METHYL-3-(2-HYDROXYAETHYL)-TRIAZEN (German) * 1-PHENYL-3-METHYL-3-(2-HYDROXYETHYL)TRIAZENE
TUMORIGENIC DATA AND REFERENCES:
3V01M61V10 scu-rat TDLo:1200 mg/kg/54W-I ZKKOBW 81,285,74
TOXICITY DATA AND REFERENCES:
scu-rat LD50:360 mg/kg ZKKOBW 81,285,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY2780000 TRIAZENE, 3-HYDROXY-3-METHYL-1-PHENYL-
UPDT:8401 CAS: 5756-69-4 MW: 151.19 MOLFM: C7-H9-N3-O
SYN: 3-HYDROXY-3-METHYL-1-PHENYLTRIAZENE * 1-PHENYL-3-METHYL-3-HYDROXY-TRIAZEN (German) * 1-PHENYL-3-METHYL-3-HYDROXY-TRIAZENE
TUMORIGENIC DATA AND REFERENCES:
3V01C60J60 scu-rat TDLo:420 mg/kg ZKKOBW 81,285,74
3V01P62V10 scu-rat TD :3300 mg/kg/I ZKKORW 81,285,74
TOXICITY DATA AND REFERENCES:
scu-rat LD50:550 mg/kg ZKKOBW 81,285,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY2784000 TRIAZENE, 3-METHYL-1-PHENYL-
UPDT:8401 CAS: 16033-21-9 MW: 135.19 MOLFM: C7-H9-N3
SYN: 3-METHYL-1-PHENYLTRIAZENE * 1-PHENYL-3-METHYLTRIAZINE * 1-PHENYL-3-MONOMETHYLTRIAZENE * PMT
MUTATION DATA AND REFERENCES:
mmo-sat 100 umol/L CNREA8 42,1446,82
mma-sat 1 mmol/L CNREA8 42,1446,82
mmo-nsc 600 umol/L MUREAV 13,276,71
dnd-sal:spr 250 gm/L BCPCA6 19,1505,70
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:284 mg/kg/8W-I CNREA8 34,1671,74
2V02V10 scu-mus TDLo:45 mg/kg/4W-I CNREA8 34,1671,74
TOXICITY DATA AND REFERENCES:
orl-rat LD50:420 mg/kg NEOLA4 25,153,78
scu-mus LDLo:45 mg/kg CNREA8 34,1671,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY2785000 TRIAZENE, 3-METHYL-1-PHENYL-3-(2-SULFOETHYL)-, SODIUM SALT
UPDT:8401 CAS: 22670-79-7 MW: 265.29 MOLFM: C9-H12-N3-O3-S.Na
SYN: 3-METHYL-1-PHENYL-3-(2-SULFOETHYL)TRIAZENE SODIUM SALT * N-PHENYLAZO-N-METHYLTAURINE SODIUM SALT * 1-PHENYL-3-METHYL-3-(2-SULFOAETHYL) NATRIUM SALZ (German) * 1-PHENYL-3-METHYL-3-(2-SULFOETHYL)TRIAZENE, SODIUM SALT * TAURINE, N-METHYL-N-PHENYLAZO-, SODIUM SALT
TUMORIGENIC DATA AND REFERENCES:
3V02T69V10 scu-rat TDLo:1170 mg/kg/78W-I ZKKOBW 81,285,74
TOXICITY DATA AND REFERENCES:
scu-rat LD50:150 mg/kg ZKKOBW 81,285,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY2785500 TRIAZENE, 3-METHYL-1-(p-TOLYL)-
UPDT:8310 CAS: 21124-13-0 MW: 137.21 MOLFM: C7-H11-N3
SYN: 3-METHYL-1-(4-METHYLPHENYL)TRIAZENE * 3-METHYL-1-(p-TOLYL)-TRIAZENE
MUTATION DATA AND REFERENCES:
mmo-sat 100 umol/L CNREA8 42,1446,82
mma-sat 1 mmol/L CNREA8 42,1446,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:380900 ug/kg NEOLA4 25,153,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY2800000 TRIAZENE, 3-METHYL-1-(2,4,6-TRICHLOROPHENYL)-
UPDT:8401 CAS: 63907-83-5 MW: 238.51 MOLFM: C7-H6-Cl3-N3
SYN: 1-(2,4,6-TRICHLOROPHENYL)-3-METHYLTRIAZENE
MUTATION DATA AND REFERENCES:
mmo-sat 100 umol/L CNREA8 42,1446,82
mma-sat 1 mmol/L CNREA8 42,1446,82
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

TRIAZICHON (German) see: DK7175000
TRIAZIN see: XY7175000
1,3,5-TRIAZIN-2-AMINE, 4-AZIDO-N-(1-METHYLETHYL)-6-(METHYLTHIO)- see: XY3280000
TRIAZINE see: XY7175000
TRIAZINE A 384 see: XY5250000
TRIAZINE A 1294 see: XY5600000

XY2967000 as-TRIAZINE, 5-(1-ADAMANTYL)-3-METHOXY-
UPDT:8303 MW: 245.36 MOLFM: C14-H19-N3-O
SYN: 5-(1-ADAMANTYL)-3-METHOXY-as-TRIAZINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:178 mg/kg JPMSAE 69,282,80

XY2967500 as-TRIAZINE, 5-(1-ADAMANTYL)-3-(METHYLTHIO)-
UPDT:8303 MW: 261.42 MOLFM: C14-H19-N3-S
SYN: 5-(1-ADAMANTYL)-3-(METHYLTHIO)-as-TRIAZINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY2968000 as-TRIAZINE, 3-(ALLYLOXY)-5,6-DIMETHYL-
UPDT:8303 CAS: 69466-56-4 MW: 165.22 MOLFM: C8-H11-N3-O
SYN: 3-(ALLYLOXY)-5,6-DIMETHYL-as-TRIAZINE * 1,2,4-TRIAZINE, 5,6-DIMETHYL-3-(2-PROPENYLOXY)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY2968500 as-TRIAZINE, 3-(ALLYLOXY)-5-PHENYL-
UPDT:8303 CAS: 69466-86-0 MW: 213.26 MOLFM: C12-H11-N3-O
SYN: 3-(ALLYLOXY)-5-PHENYL-as-TRIAZINE * 1,2,4-TRIAZINE, 5-PHENYL-3-(2-PROPENYLOXY)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY2969000 as-TRIAZINE, 3-AMINO-
UPDT:8305 CAS: 1120-99-6 MW: 96.11 MOLFM: C3-H4-N4
SYN: 3-AMINO-as-TRIAZINE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:2000 mg/kg AIPTAK 95,123,53

XY3177800 as-TRIAZINE, 3-AMINO-3,6-DIPHENYL-
UPDT:8305 CAS: 4511-99-3 MW: 248.31 MOLFM: C15-H12-N4
SYN: 3-AMINO-5,6-DIPHENYL-as-TRIAZINE
TOXICITY DATA AND REFERENCES:
1C08 ipr-rat LD50:145 mg/kg AIPTAK 95,123,53
* ivn-rbt LDLo:100 mg/kg AIPTAK 95,123,53

XY3215000 as-TRIAZINE, 3-AMINO-6-(2-(5-NITRO-2-FURYL)VINYL)-, HYDROCHLORIDE
UPDT:8305 CAS: 15461-22-0 MW: 269.67 MOLFM: C9-H7-N5-O3.Cl-H
SYN: 3-AMINO-6-(2-(5-NITRO-2-FURYL)VINYL)-as-TRIAZINE, HYDROCHLORIDE * 6-(5-NITRO-2-FURYLVINYL)-3-AMINO-1,2,4-TRIAZINE HYDROCHLORIDE * PANFURAN HYDROCHLORIDE * as-TRIAZINE, 3-AMINO-6-(2-(5-NITRO-2-FURYL)VINYL)-, MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:400 mg/kg PMDCAY 5,320,67
ipr-mus LD50:50 mg/kg PMDCAY 5,320,67
scu-mus LD50:300 mg/kg PMDCAY 5,320,67

as-TRIAZINE, 3-AMINO-6-(2-(5-NITRO-2-FURYL)VINYL)-, MONOHYDROCHLORIDE see: XY3215000

XY3217950 as-TRIAZINE, 3-AMINO-5-PHENYL-
UPDT:8305 CAS: 942-60-9 MW: 172.21 MOLFM: C9-H8-N4
SYN: 3-AMINO-5-PHENYL-as-TRIAZINE
TOXICITY DATA AND REFERENCES:
1C08 ipr-rat LD50:100 mg/kg AIPTAK 95,123,53

XY3235000 as-TRIAZINE, 5-(9-ANTHRACENYL)-3-METHOXY-
UPDT:8303 CAS: 69467-15-8 MW: 287.34 MOLFM: C18-H13-N3-O
SYN: 5-(9-ANTHRACENYL)-3-METHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(9-ANTHRACENYL)-3-METHOXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5-(9-ANTHRACENYL)-3-METHOXY- see: XY3235000

XY3235500 as-TRIAZINE, 5-(9-ANTHRACENYL)-3-(METHYLTHIO)-
UPDT:8303 CAS: 69467-14-7 MW: 303.40 MOLFM: C18-H13-N3-S
SYN: 5-(9-ANTHRACENYL)-3-(METHYLTHIO)-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(9-ANTHRACENYL)-3-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5-(9-ANTHRACENYL)-3-(METHYLTHIO)- see: XY3235500

XY3280000 s-TRIAZINE, 2-AZIDO-4-(ISOPROPYLAMINO)-6-(METHYLTHIO)-
UPDT:8309 CAS: 4658-28-0 MW: 225.31 MOLFM: C7-H11-N7-S
SYN: AZEPROTYRNE * 2-AZIDO-4-ISOPROPYLAMINO-6-METHYLTHIO-s-TRIAZINE * 2-AZIDO-4-ISOPROPYLAMINO-6-METHYLTHIO-1,3,5-TRIAZINE * 4-AZIDO-N-(1-METHYLETHYL)-6-(METHYLTHIO)-1,3,5-TRIAZIN-2-AMINE * AZIPROTRYN * AZIPROTRYNE * AZIRPOTRYNE * BRASORAN * C 7019 * CIBA C 7019 * MESORANIL * MEZARONIL * MEZURON * 1,3,5-TRIAZIN-2-AMINE, 4-AZIDO-N-(1-METHYLETHYL)-6-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3600 mg/kg FMCHA2 -,C150,83
orl-rbt LD50:1800 mg/kg GUCHAZ 6,26,73

XY3305000 as-TRIAZINE, 5-(BENZOFURAN-2-YL)-3-METHOXY-
UPDT:8303 CAS: 69467-24-9 MW: 227.24 MOLFM: C12-H9-N3-O2
SYN: 5-(2-BENZOFURANYL)-3-METHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(2-BENZOFURANYL)-3-METHOXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5-(2-BENZOFURANYL)-3-METHOXY- see: XY3305000

XY3306000 as-TRIAZINE, 5-(BENZOFURAN-2-YL)-3-(METHYLTHIO)-
UPDT:8303 CAS: 69466-74-6 MW: 243.30 MOLFM: C12-H9-N3-O-S
SYN: 5-(2-BENZOFURANYL)-3-(METHYLTHIO)-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(2-BENZOFURANYL)-3-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5-(2-BENZOFURANYL)-3-(METHYLTHIO)- see: XY3306000

XY3318000 as-TRIAZINE, 3-(BENZYLOXY)-5-(m-CHLOROPHENYL)-
UPDT:8303 CAS: 74417-12-2 MW: 297.76 MOLFM: C16-H12-Cl-N3-O
SYN: 3-(BENZYLOXY)-5-(m-CHLOROPHENYL)-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(3-CHLOROPHENYL)-3-(PHENYLMETHOXY)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY3320000 as-TRIAZINE, 3-(BENZYLOXY)-5-PHENYL-
UPDT:8303 CAS: 74417-06-4 MW: 263.32 MOLFM: C16-H13-N3-O
SYN: 3-(BENZYLOXY)-5-PHENYL-as-TRIAZINE * 1,2,4-TRIAZINE, 5-PHENYL-3-(PHENYLMETHOXY)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:178 mg/kg JPMSAE 69,282,80

XY3322000 s-TRIAZINE, 2,4-BIS(1-AZIRIDINYL)-6-CHLORO-
UPDT:8305 MW: 197.65 MOLFM: C7-H8-Cl-N5
SYN: 2,4-BIS(1-AZIRIDINYL)-6-CHLORO-s-TRIAZINE * 2-CHLORO-4,6-BIS-ETHYLENEIMINO-1,3,5-TRIAZINE
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 2 mg/kg BJPCAL 6,357,51

XY3322100 s-TRIAZINE, 2,4-BIS(1-AZIRIDINYL)-6-ETHOXY-
UPDT:8305 MW: 207.27 MOLFM: C9-H13-N5-O
SYN: 2,4-BIS-ETHYLENEIMINO-6-ETHOXY-1,3,5-TRIAZINE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 5 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 5 mg/kg BJPCAL 6,357,51

XY3322200 s-TRIAZINE, 2,4-BIS(1-AZIRIDINYL)-6-ISOPROPOXY-
UPDT:8305 MW: 221.30 MOLFM: C10-H15-N5-O
SYN: 2,4-BIS(1-AZIRIDINYL)-6-ISOPROPOXY-s-TRIAZINE * 2,4-BIS-ETHYLENEIMINO-6-ISOPROPOXY-1,3,5-TRIAZINE
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 10 mg/kg BJPCAL 6,357,51

XY3322300 s-TRIAZINE, 2,4-BIS(1-AZIRIDINYL)-6-(ISOPROPYLAMINO)-
UPDT:8305 MW: 219.31 MOLFM: C10-H15-N6

SYN: 2,4-BIS(1-AZIRIDINYL)-6-(ISOPROPYLAMINO)-s-TRIAZINE * 2-ISOPROPYLAMINO-4,6-BIS-ETHYLENEIMINO-1,3,5-TRIAZINE
MUTATION DATA AND REFERENCES:
cyt-rat-ipr 100 ug/kg BJPCAL 6,357,51

XY3322500 s-TRIAZINE, 2,4-BIS(1-AZIRIDINYL)-6-METHOXY-
UPDT:8305 MW: 193.24 MOLFM: C8-H11-N5-O
SYN: 2,4-ETHYLENEIMINO-6-METHOXY-1,3,5-TRIAZINE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 5 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 5 mg/kg BJPCAL 6,357,51

XY3322600 s-TRIAZINE, 2,6-BIS(1-AZIRIDINYL)-4-METHYL-
UPDT:8305 MW: 177.24 MOLFM: C8-H11-N5
SYN: 2,4-ETHYLENEIMINO-6-METHYL-1,3,5-TRIAZINE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 5 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 5 mg/kg BJPCAL 6,357,51

XY3322700 s-TRIAZINE, 2,4-BIS(1-AZIRIDINYL)-6-(METHYLAMINO)-
UPDT:8305 MW: 192.26 MOLFM: C8-H12-N6
SYN: 2-METHYLAMINO-4,6-BIS-ETHYLENEIMINO-1,3,5-TRIAZINE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 100 ug/kg BJPCAL 6,357,51
cyt-rat-ipr 100 ug/kg BJPCAL 6,357,51

XY3322800 s-TRIAZINE, 2,6-BIS(1-AZIRIDINYL)-4-PHENYL-
UPDT:8305 MW: 239.31 MOLFM: C13-H13-N5
SYN: 2,4-ETHYLENEIMINO-6-PHENYL-1,3,5-TRIAZINE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 20 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 10 mg/kg BJPCAL 6,357,51

XY3324000 s-TRIAZINE, 2,6-BIS(1-AZIRIDINYL)-4-(p-TOLYL)-
UPDT:8307 MW: 253.34 MOLFM: C14-H15-N5
SYN: 2,4-ETHYLENEIMINO-6-p-TOLYL-1,3,5-TRIAZINE
MUTATION DATA AND REFERENCES:
oms-rat-ipr 20 mg/kg BJPCAL 6,357,51
cyt-rat-ipr 10 mg/kg BJPCAL 6,357,51

XY3327000 as-TRIAZINE, 5,6-BIS(p-CHLOROPHENYL)-3-METHOXY-
UPDT:8303 CAS: 69467-22-7 MW: 332.20 MOLFM: C16-H11-Cl2-N3-O
SYN: 5,6-BIS-(p-CHLOROPHENYL)-3-METHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 5,6-BIS(4-CHLOROPHENYL)-3-METHOXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5,6-BIS(4-CHLOROPHENYL)-3-METHOXY- see: XY3327000

XY3329000 as-TRIAZINE, 5,6-BIS(p-CHLOROPHENYL)-3-(METHYLTHIO)-
UPDT:8303 CAS: 69466-88-2 MW: 348.26 MOLFM: C16-H11-Cl2-N3-S
SYN: 5,6-BIS(p-CHLOROPHENY)-3-(METHYLTHIO)-as-TRIAZINE * 1,2,4-TRIAZINE, 5,6-BIS(4-CHLOROPHENYL)-3-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5,6-BIS(4-CHLOROPHENYL)-3-(METHYLTHIO)- see: XY3329000

XY3337000 as-TRIAZINE, 5,6-BIS(3,4-DICHLOROPHENYL)-3-METHOXY-
UPDT:8303 CAS: 74417-14-4 MW: 401.08 MOLFM: C16-H9-Cl4-N3-O
SYN: 5,6-BIS(3,4-DICHLOROPHENYL)-3-METHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 5,6-BIS(3,4-DICHLOROPHENYL)-3-METHOXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5,6-BIS(3,4-DICHLOROPHENYL)-3-METHOXY- see: XY3337000

XY3339000 as-TRIAZINE, 5,6-BIS(3,4-DICHLOROPHENYL)-3-(METHYLTHIO)-
UPDT:8303 CAS: 74417-13-3 MW: 420.17 MOLFM: C16-H12-Cl4-N3-S
SYN: 5,6-BIS(3,4-DICHLOROPHENYL)-3-(METHYLTHIO)-as-TRIAZINE * 1,2,4-TRIAZINE, 5,6-BIS(3,4-DICHLOROPHENYL)-3-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5,6-BIS(3,4-DICHLOROPHENYL)-3-(METHYLTHIO)- see: XY3339000

XY3460000 as-TRIAZINE, 5,6-BIS(3,4-DIMETHOXYPHENYL)-3-METHOXY-
UPDT:8303 CAS: 69467-20-5 MW: 383.44 MOLFM: C20-H21-N3-O5
SYN: 5,6-BIS(3,4-DIMETHOXYPHENYL)-3-METHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 5,6-BIS(3,4-DIMETHOXYPHENYL)-3-METHOXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5,6-BIS(3,4-DIMETHOXYPHENYL)-3-METHOXY- see: XY3460000

XY3465000 as-TRIAZINE, 5,6-BIS(3,4-DIMETHOXYPHENYL)-3-(METHYLTHIO)-
UPDT:8303 CAS: 69482-98-0 MW: 399.50 MOLFM: C20-H21-N3-O4-S
SYN: 5,6-BIS(3,4-DIMETHOXYPHENYL)-3-(METHYLTHIO)-as-TRIAZINE * 1,2,4-TRIAZINE, 5,6-BIS(3,4-DIMETHOXYPHENYL)-3-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5,6-BIS(3,4-DIMETHOXYPHENYL)-3-(METHYLTHIO)- see: XY3465000

XY3850000 s-TRIAZINE, 2,4-BIS(ETHYLAMINO)-6-METHOXY-
UPDT:8309 CAS: 673-04-1 MW: 197.28 MOLFM: C8-H15-N5-O
SYN: 2,4-BIS(ETHYLAMINO)-6-METHOXY-s-TRIAZINE * 4,6-BIS(ETHYLAMINO)-2-METHOXY-s-TRIAZINE * G-30044 * GEIGY 30,044 * GESADURAL * 2-METHOXY-4,6-BIS(ETHYLAMINO)-s-TRIAZINE * METHOXY SIMAZINE * PIMETON * SIMETON * SIMETONE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:180 mg/kg CSLNX* NX#03978
orl-rat LD50:535 mg/kg RREVAH 10,97,65

XY4025000 s-TRIAZINE, 2,4-BIS(ETHYLAMINO)-6-(METHYLTHIO)-
UPDT:8[illegible] CAS: 1014-70-6 MW: 213.34 MOLFM: C8-H15-N5-S
SYN: 2,4-BIS(ETHYLAMINO)-6-METHYLMERCAPTO-s-TRIAZINE * 4,6-BIS(ETHYLAMINO)-2-METHYLTHIO-1,3,5-TRIAZINE * 2,4-BIS(ETHYLAMINO)-6-(METHYLTHIO)-s-TRIAZINE * CYMETRIN * N,N'-DIETHYL-6-(METHYLTHIO)-1,3,5-TRIAZINE-2,4-DIAMINE * G 32911 * GY-BON * 2-METHYLMERCAPTO-4,6-BIS(ETHYLAMINO)-s-TRIAZINE * 2-METHYLTHIO-4,6-BIS(ETHYLAMINO)-s-TRIAZINE * 2-METHYLTHIO-4,6-BIS(MONOETHYLAMINO)-2-TRIAZINE * SIMETRYN * SIMETRYNE * SYMETRYNE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:750 mg/kg 28ZEAL 5,207,76

XY4070000 s-TRIAZINE, 2,4-BIS(ETHYLNITROSAMINO)-6-(METHYLTHIO)-
UPDT:8406 MW: 271.34 MOLFM: C8-H13-N7-O2-S
SYN: DINITROSOSIMETRYNE
MUTATION DATA AND REFERENCES:
cyt-ham:lng 6700 ug/L GMCRDC 27,95,81

XY4100000 s-TRIAZINE, 2,4-BIS(ISOPROPYLAMINO)-6-ETHYLTHIO-
UPDT:8403 CAS: 4147-51-7 MW: 255.43 MOLFM: C11-H21-N5-S
SYN: COTOFOR * DIPROPETRYN * DIPROPETRYNE * 2-ETHYLTHIO-4,6-BIS(ISOPROPYLAMINO)-s-TRIAZINE * 6-(ETHYLTHIO)-N,N'-BIS(1-METHYLETHYL)-1,3,5-TRIAZINE-2,4-DIAMINE * GS-16068 * SANCAP
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:7144 mg/kg FMCHA2 -,C210,83
skn-rbt LD50:10 gm/kg CIGET* -,-,77

XY4200000 s-TRIAZINE, 2,4-BIS(ISOPROPYLAMINO)-6-METHOXY-
UPDT:8401 CAS: 1610-18-0 MW: 225.34 MOLFM: C10-H19-N5-O
SYN: 2,4-BIS(ISOPROPYLAMINO)-6-METHOXY-s-TRIAZINE * 2,6-DIISOPROPYLAMINO-4-METHOXYTRIAZINE * G-31435 * GESAFRAM * GESAFRAM 50 * 2-METHOXY-4,6-BIS(ISOPROPYLAMINO)-s-TRIAZINE * 2-METHOXY-4,6-BIS(ISOPROPYLAMINO)-1,3,5-TRIAZINE * METHOXYPROPAZINE * ONTRACIC 800 * ONTRACK * ONTRACK-WE-2 * PRAMITOL * PRIMATOL * PRIMATOL 25E * PROMETON * PROMETONE
IRRITATION DATA AND REFERENCES:
skn-rbt 105 mg open MLD CIGET* -,-,77
eye-rbt 21 mg MOD CIGET* -,-,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1750 mg/kg WRPCA2 9,119,70
* ihl-rat LC50:3260 mg/m3/4H FMCHA2 -,C193,83
orl-mus LD50:2160 mg/kg PCOC** -,931,66
skn-rbt LD50:2200 mg/kg GUCHAZ 6,425,73
orl-dom LD50:1 gm/kg CIGET* -,-,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

s-TRIAZINE, 4,6-BIS(ISOPROPYLAMINO)-2-METHYLMERCAPTO- see: XY4390000

XY4390000 s-TRIAZINE, 2,4-BIS(ISOPROPYLAMINO)-6-(METHYLTHIO)-
UPDT:8408 CAS: 7287-19-6 MW: 241.40 MOLFM: C10-H19-N5-S
SYN: 2,4-BIS(ISOPROPYLAMINO)-6-METHYL MERCAPTO-s-TRIAZINE * 2,4-BIS(ISOPROPYLAMINO)-6-METHYLTHIO-s-TRIAZINE * 2,4-BIS(ISOPROPYLAMINO)-6-METHYLTHIO-1,3,5-TRIAZINE * N,N'-BIS(1-METHYLETHYL)-6-METHYL-THIO-1,3,5-TRIAZINE-2,4-DIAMINE * CAPAROL * G 34161 * GESAGARD * MERKAZIN * 2-METHYLMERCAPTO-4,6-BIS(ISOPROPYLAMINO)-s-TRIAZINE * 2-METHYLTHIO-4,6-BIS(ISOPROPYLAMINO)-s-TRIAZINE * POLISIN * PRIMATOL Q * PROMETREX * PROMETRIN * PROMETRYN * PROMETRYNE * SELEKTIN * SESAGARD * s-TRIAZINE, 4,6-BIS(ISOPROPYLAMINO)-2-METHYLMERCAPTO-
IRRITATION DATA AND REFERENCES:
eye-rbt 80 mg MLD CIGET* -,-,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2100 mg/kg HYSAAV 34(1-3),433,69
orl-mus LD50:3750 mg/kg PCOC** -,933,66
* unk-mam LD50:1800 mg/kg GISAAA 44(6),81,79

XY4395000 s-TRIAZINE, 2,4-BIS((3-METHOXYPROPYL)AMINO)-6-(METHYLTHIO)-
UPDT:8309 CAS: 845-52-3 MW: 301.46 MOLFM: C12-H23-N5-O2-S
SYN: 2,4-BIS(3-METHOXYPROPYLAMINO)-6-METHYLTHIO-s-TRIAZINE * CP 17029 * LAMBAST * 2-METHYLMERCAPTO-4,6-BIS(3-METHOXYPROPYLAMINO)-s-TRIAZINE * MPMT
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1400 mg/kg PCOC** -,645,66

XY4399000 as-TRIAZINE, 5-(p-BROMOPHENYL)-3-METHOXY-
UPDT:8303 CAS: 69466-84-8 MW: 266.12 MOLFM: C10-H8-Br-N3-O
SYN: 5-(p-BROMOPHENYL)-3-METHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(4-BROMOPHENYL)-3-METHOXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY4399500 as-TRIAZINE, 5-(p-BROMOPHENYL)-3-(METHYLTHIO)-
UPDT:8303 CAS: 69466-82-6 MW: 282.18 MOLFM: C10-H8-Br-N3-S
SYN: 5-(p-BROMOPHENYL)-3-(METHYLTHIO)-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(4-BROMOPHENYL)-3-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY4550000 s-TRIAZINE, 2-(tert-BUTYLAMINO)-4-CHLORO-6-(ETHYLAMINO)-
UPDT:8312 CAS: 5915-41-3 MW: 229.75 MOLFM: C9-H16-Cl-N5
SYN: 2-tert-BUTYLAMINO-4-CHLORO-6-ETHYLAMINO-s-TRIAZINE * GARDOPRIM * GS 13529 * PRIMATOL-M80 * SORGOPRIM * TERBUTHYLAZINE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1845 mg/kg GUCHAZ 6,60,73
unk-rat LD50:2500 mg/kg 30ZDA9 -,437,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0783-0485S

XY4725000 s-TRIAZINE, 2-(tert-BUTYLAMINO)-4-(ETHYLAMINO)-6-(METHYLTHIO)-
UPDT:8310 CAS: 886-50-0 MW: 241.40 MOLFM: C10-H19-N5-S
SYN: 4-AETHYLAMINO-2-tert-BUTYLAMINO-6-METHYLTHIO-s-TRIAZIN (German) * 2-tert-BUTYLAMINO-4-ETHYLAMINO-6-METHYLMERCAPTO-s-TRIAZINE * 2-tert-BUTYLAMINO-4-ETHYLAMINO-6-METHYLTHIO-s-TRIAZINE * CLAROSAN * GS 14260 * HS-14260 * IGRAN * IGRAN 50 * 2-METHYLTHIO-4-ETHYLAMINO-6-tert-BUTYLAMINO-s-TRIAZINE * PREBANE * SHORTSTOP * SHORT-STOP E * TERBUTREX * TERBUTRYN
IRRITATION DATA AND REFERENCES:
skn-rbt 380 mg open MLD CIGET* -,-,77
eye-rbt 76 mg MOD CIGET* -,-,77
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2500 mg/kg FMCHA2 -,C130,83
orl-mus LD50:5000 mg/kg 28ZEAL 5,219,76
orl-ckn LD50:4000 mg/kg 31ZOAD 1,56,68
unk-mam LD50:2900 mg/kg 30ZDA9 -,438,71

XY4800000 as-TRIAZINE, 5-tert-BUTYL-3-METHOXY-
UPDT:8303 CAS: 69249-26-9 MW: 167.24 MOLFM: C8-H13-N3-O
SYN: 5-tert-BUTYL-3-METHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(1,1-DIMETHYLETHYL)-3-METHOXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY4810000 as-TRIAZINE, 5-tert-BUTYL-3-(METHYLTHIO)-
UPDT:8303 CAS: 69249-25-8 MW: 183.30 MOLFM: C8-H13-N3-S
SYN: 5-tert-BUTYL-3-(METHYLTHIO)-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(1,1-DIMETHYLETHYL)-3-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:178 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5-(4-BROMOPHENYL)-3-METHOXY- see: XY4399000

1,2,4-TRIAZINE, 5-(4-BROMOPHENYL)-3-(METHYLTHIO)- see: XY4399500

XY4980000 s-TRIAZINE, 2-(sec-BUTYLAMINO)-4-(ETHYLAMINO)-6-METHOXY-
UPDT:8310 CAS: 26259-45-0 MW: 225.34 MOLFM: C10-H19-N5-O
SYN: 2-sec-BUTYLAMINO-4-ETHYLAMINO-6-METHOXY-s-TRIAZINE * 2-sec-BUTYLAMINO-4-ETHYLAMINO-6-METHOXY-1,3,5-TRIAZINE * ETAZINE * EZITAN * GEIGY G.S. 14254 * GS 14254 * 2-METHOXY-4-sec-BUTYLAMINO-6-AETHYLAMINO-s-TRIAZIN (German) * SECBUMETON * SUMITOL * SUMITOL 80W
IRRITATION DATA AND REFERENCES:
eye-rbt 35 mg SEV CIGET* -,-,77
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1000 mg/kg FMCHA2 -,C224,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XY5020000 s-TRIAZINE, 2-tert-BUTYLAMINO-4-ETHYLAMINO-6-METHOXY-
UPDT:8309 CAS: 33693-04-8 MW: 225.34 MOLFM: C10-H19-N5-O
SYN: 2-tert-BUTYLAMINO-4-ETHYLAMINO-6-METHOXY-s-TRIAZINE * 2-tert-BUTYLAMINO-4-ETHYLAMINO-6-METHOXY-1,3,5-TRIAZINE * CARAGARD * GS 14259 * 2-METHOXY-4-tert-BUTYLAMINO-6-AETHYLAMINO-s-TRIAZIN (German) * TERBUMETON
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:482 mg/kg FMCHA2 -,C44,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY5046000 as-TRIAZINE-6-CARBOXAMIDE, 3-ANILINO-N-METHYL-5-(METHYLAMINO)-
UPDT:8303 MW: 258.32 MOLFM: C12-H14-N6-O
SYN: 3-ANILINO-N-METHYL-5-(METHYLAMINO)-as-TRIAZINE-6-CARBOXAMIDE * METHYLAMIDE of 5-METHYLAMINO-3-PHENYLAMINO-1,2,4-TRIAZINE-6-CARBOXYLIC ACID
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:200 mg/kg PCJOAU 15,789,81

XY5046200 as-TRIAZINE-6-CARBOXAMIDE, 3-(ETHYLSULFONYL)-N-METHYL-5-(METHYLAMINO)-
UPDT:8303 MW: 227.26 MOLFM: C8-H13-N5-O3
SYN: 3-(ETHYLSULFONYL)-N-METHYL-5-(METHYLAMINO)-as-TRIAZINE-6-CARBOXAMIDE * METHYLAMIDE of 3-ETHYLSULFONYL-5-METHYLAMINO-1,2,4-TRIAZINE-6-CARBOXYLIC ACID
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:200 mg/kg PCJOAU 15,789,81

XY5046400 as-TRIAZINE-6-CARBOXAMIDE, 3-HYDRAZINO-N-METHYL-5-(METHYLAMINO)-
UPDT:8303 MW: 197.24 MOLFM: C6-H11-N7-O
SYN: 3-HYDRAZINO-N-METHYL-5-(METHYLAMINO)-as-TRIAZINE-6-CARBOXAMIDE * METHYLAMIDE OF HYDRAZINO-5-METHYLAMINO-1,2,4-TRAIZINE-6 CARBOXYLIC ACID
TOXICITY DATA AND REFERENCES:
* unk mam LD50:200 mg/kg PCJOAU 15,789,81

XY5046600 as-TRIAZINE-6-CARBOXAMIDE, 3-HYDROXY-N-METHYL-5-(METHYLAMINO)-, HYDRATE
UPDT:8303 MW: 201.22 MOLFM: C6-H9-N5-O2 H2-O
SYN: 3-HYDROXY-N-METHYL-5-(METHYLAMINO)-as-TRIAZINE-6-CARBOXAMIDE HYDRATE * METHYLAMIDE of 3-HYDROXY-5-METHYLAMINO-1,2,4-TRIAZINE-6-CARBOXYLIC ACID HYDRATE
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:200 mg/kg PCJOAU 15,789,81

XY5046800 as-TRIAZINE-6-CARBOXAMIDE, N-METHYL-5-(METHYLAMINO)-3-(1-METHYLHYDRAZINO)-
UPDT:8303 MW: 211.27 MOLFM: C7-H13-N7-O
SYN: METHYLAMIDE of 5-METHYLAMINO-3-alpha-METHYLHYDRAZINO-1,2,4-TRIAZINE-6-CARBOXYLIC ACID * N-METHYL-5-(METHYLAMINO)-3-(1-METHYLHYDRAZINO)-as-TRIAZINE-6-CARBOXAMIDE
TOXICITY DATA AND REFERENCES:
* unk-mam LD50:200 mg/kg PCJOAU 15,789,81

XY5075000 s-TRIAZINE, 2-CHLORO-4,6-BIS(DIETHYLAMINO)-
UPDT:8408 CAS: 580-48-3 MW: 257.81 MOLFM: C11-H20-Cl-N5
SYN: CHLORAZINE * 2-CHLORO-4,6-BIS(DIETHYLAMINO)-s-TRIAZINE * 6-CHLORO-N,N,N',N'-TETRAETHYL-1,3,5-TRIAZINE-2,4-DIAMINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:850 mg/kg FMCHA2 -,C50,83
unk-rat LD50:3500 mg/kg 30ZDA9 -,420,71
* orl-mus LD50:743 mg/kg 85GMAT -,35,82

XY5250000 s-TRIAZINE, 2-CHLORO-4,6-BIS(ETHYLAMINO)-
UPDT:8408 CAS: 122-34-9 MW: 201.69 MOLFM: C7-H12-Cl-N5
SYN: A 2079 * AKTINIT S * AQUAZINE * BATAZINA * 2,4-BIS(ETHYLAMINO)-6-CHLORO-s-TRIAZINE * BITEMOL * BITEMOL S 50 * CAT * CAT (herbicide) * CDT * CEKUSAN * CEKUZINA-S * CET * 1-CHLORO, 3,5-BISETHYLAMINO-2,4,6-TRIAZINE * 2-CHLORO-4,6-BIS(ETHYLAMINO)-s-TRIAZINE * 2-CHLORO-4,6-BIS(ETHYLAMINO)-1,3,5-TRIAZINE * FRAMED * G 27692 * GEIGY 27,692 * GESARAN * GESATOP * GESATOP 50 * H 1803 * HERBAZIN * HERBAZIN 50 * HERBEX * HERBOXY * HUNGAZIN DT * PREMAZINE * PRIMATOL S * PRINCEP * PRINTOP * RADOCON * RADOKOR * SIMADEX * SIMANEX * SIMAZIN * SIMAZINE * SIMAZINE 80W * SYMAZINE * TAFAZINE * TAFAZINE 50-W * TAPHAZINE * TRIAZINE A 384 * W 6658 * ZEAPUR
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD CIGET* -,-,77
eye-rbt 80 mg MOD CIGET* -,-,77
MUTATION DATA AND REFERENCES:
sln-dmg-par 396 umol/L JTEHD6 3,691,77
sln-dmg-orl 2000 ppm JPFCD2 B15,867,80
dlt-dmg-par 396 umol/L JTEHD6 3,691,77
dlt-dmg-orl 6000 ppm JTEHD6 3,691,77
msc-mus:lym 400 mg/L NTIS** PB84-138973
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 ihl-rat TCLo:17 mg/m3/2H (7-14D preg) NTIS** PB277-077
TUMORIGENIC DATA AND REFERENCES:
3V03K60V10 scu-rat TDLo:16 gm/kg/61W-I VOONAW 16(1),82,70
2V03V10 scu-mus TDLo:35 gm/kg/87W-I VOONAW 16(1),82,70
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5000 mg/kg RREVAH 10,97,65
* ivn-mus LD50:100 mg/kg CSLNX* NX#04003
* unk-mam LD50:1400 mg/kg GISAAA 44(6),81,79
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DTTIAF 80(20),485,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY5260000 s-TRIAZINE, 2-CHLORO-4,6-BIS(ETHYLNITROSAMINO)-
UPDT:8406 MW: 259.69 MOLFM: C7-H10-Cl-N7-O2
SYN: NITROSOSIMAZINE
MUTATION DATA AND REFERENCES:
cyt-ham:lng 7200 ug/L GMCRDC 27,95,81

XY5300000 s-TRIAZINE, 2-CHLORO-4,6-BIS(ISOPROPYLAMINO)-
UPDT:8408 CAS: 139-40-2 MW: 229.75 MOLFM: C9-H16-Cl-N5
SYN: 2,4-BIS(ISOPROPYLAMINO)-6-CHLORO-s-TRIAZINE * 2-CHLORO-4,6-BIS(ISOPROPYLAMINO)-s-TRIAZINE * 6-CHLORO-N,N'-BIS(1-METHYLETHYL)-1,3,5-TRIAZINE-2,4-DIAMINE * G-30028 * GEIGY 30,028 * GESAMIL * MILOGARD * PLANTULIN * PRIMATOL P * PROPASIN * PROPAZIN * PROPAZINE * PROPAZINE (HERBICIDE) * PROZINEX * 1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N,N'-BIS(1-METHYLETHYL)-
IRRITATION DATA AND REFERENCES:
eye-rbt 400 mg open MLD CIGET* -,-,77
TUMORIGENIC DATA AND REFERENCES:
3V03J60P60 orl-mus TDLo:11 gm/kg/78W-I NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3840 mg/kg 85GMAT -,35,82
* scu-rat LD50:395 mg/kg FATOAO 42,163,79
* orl-mus LD50:3180 mg/kg 85GMAT -,35,82
* orl-gpg LD50:1200 mg/kg 85GMAT -,35,82
* unk-mam LD50:6 gm/kg GISAAA 44(6),81,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY5380000 s-TRIAZINE, 2-CHLORO-4-CYCLOPROPYLAMINO-6-ISOPROPYLAMINO-
UPDT:8309 CAS: 22936-86-3 MW: 227.73 MOLFM: C9-H14-Cl-N5
SYN: 2-CHLORO-4-CYCLOPROPYLAMINO-6-ISOPROPYLAMINO-s-TRIAZINE * 2-CHLORO-4-CYCLOPROPYLAMINO-6-ISOPROPYLAMINO-1,3,5-TRIAZINE * CYPRAZINE * OUTFOX * S-6115 * S-9115 * 1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-CYCLOPROPYL-N'-(1-METHYLETHYL)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1200 mg/kg FMCHA2 -,C175,83
skn-rbt LD50:7500 mg/kg GUCHAZ 6,147,73

XY5425000 s-TRIAZINE, 2-CHLORO-4-(DIETHYLAMINO)-6-(ETHYLAMINO)-
UPDT:8403 CAS: 1912-26-1 MW: 229.75 MOLFM: C9-H16-Cl-N5
SYN: 2-CHLORO-4-(DIETHYLAMINO)-6-(ETHYLAMINO)-s-TRIAZINE * 6-CHLORO-N,N,N'-TRIETHYL-1,3,5-TRIAZINE-2,4-DIAMINE * 2-ETHYLAMINO-4-DIETHYLAMINO-6-CHLORO-s-TRIAZINE * G 27901 * GESAFLOC * 1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N,N,N'-TRIETHYL- * TRIETAZINE * TRIETHAZINE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:594 mg/kg WRPCA2 9,119,70
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

s-TRIAZINE, 2-CHLORO-4-ETHYLAMINO-6-(1-CYANO-1-METHYL)ETHYLAMINO- see: UG1490000

XY5600000 s-TRIAZINE, 2-CHLORO-4-ETHYLAMINO-6-ISOPROPYLAMINO-
UPDT:8408 CAS: 1912-24-9 MW: 215.72 MOLFM: C8-H14-Cl-N5
SYN: A 361 * AATREX * AATREX 4L * AATREX NINE-O * AATREX 80W * 2-AETHYLAMINO-4-CHLOR-6-ISOPROPYLAMINO-1,3,5-TRIAZIN (German) * AKTIKON * AKTIKON PK * AKTINIT A * AKTINIT PK * ARGEZIN * ATAZINAX * ATRANEX * ATRASINE * ATRATOL A * ATRAZIN * ATRAZINE * ATRED * ATREX * CANDEX * CEKUZINA-T * 2-CHLORO-4-ETHYLAMINEISOPROPYLAMINE-s-TRIAZINE * 1-CHLORO-3-ETHYLAMINO-5-ISOPROPYLAMINO-s-TRIAZINE * 1-CHLORO-3-ETHYLAMINO-5-ISOPROPYLAMINO-2,4,6-TRIAZINE * 2-CHLORO-4-ETHYLAMINO-6-ISOPROPYLAMINO-s-TRIAZINE * 2-CHLORO-4-ETHYLAMINO-6-ISOPROPYLAMINO-1,3,5-TRIAZINE * 6-CHLORO-N-ETHYL-N'-(1-METHYLETHYL)-1,3,5-TRIAZINE-2,4-DIAMINE * 2-CHLORO-4-(2-PROPYLAMINO)-6-ETHYLAMINO-s-TRIAZINE * CRISATRINA * CRISAZINE * CYAZIN * FARMCO ATRAZINE * FENAMIN * FENAMINE * FENATROL * G 30027 * GEIGY 30,027 * GESAPRIM * GESOPRIM * GRIFFEX * HUNGAZIN * HUNGAZIN PK * INAKOR * OLEOGESAPRIM * PRIMATOL * PRIMATOL A * PRIMAZE * RADAZIN * RADIZINE * SHELL ATRAZINE HERBICIDE * STRAZINE * TRIAZINE A 1294 * 1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-ETHYL-N'-(1-METHYLETHYL)- (9CI) * VECTAL * VECTAL SC * WEEDEX A * WONUK * ZEAZIN * ZEAZINE
IRRITATION DATA AND REFERENCES:
skn-rbt 38 mg open MLD CIGET* -,-,77
eye-rbt 6320 ug SEV CIGET* -,-,77
skn-mam 500 mg MLD VRDEA5 (5),133,77
eye-mam 100 mg SEV VRDEA5 (5),133,77
MUTATION DATA AND REFERENCES:
sln-dmg-orl 100 ppm JTEHD6 3,691,77
dlt-dmg-par 556 umol/L JTEHD6 3,691,77
dlt-dmg-orl 100 ppm JTEHD6 3,691,77
mma-asn 6 mmol/L MUREAV 74,77,80
mrc-asn 6 mmol/L MUREAV 74,77,80
mma-ssp 6 mmol/L MUREAV 74,77,80
dns-hmn:fbr 3 mmol/L MUREAV 74,77,80
hma-rat/esc 100 mg/kg CECED9 6388,328,80
cyt-mus-orl 200 mg/kg MUREAV 74,77,80
dlt-mus-orl 1500 mg/kg MUREAV 74,77,80
hma-mus/esc 100 mg/kg MUREAV 74,77,80
mma-ham:lng 3 mmol/L MUREAV 74,77,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-rat TDLo:2400 mg/kg (3-9D preg) BECTA6 9,301,73
1T35 scu-rat TDLo:6 gm/kg (3-9D preg) BECTA6 9,301,73
3T26T34T35 scu-mus TDLo:418 mg/kg (6-14D preg) NTIS** PB223-160
TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 orl-mus TDLo:9000 mg/kg/78W-I NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1500 mg/kg NTOTDY 5,503,83
* ihl-rat LC50:5200 mg/m3/4H FMCHA2 -,C3,83
ipr-rat LDLo:550 mg/kg VRDEA5 (5),133,77
orl-mus LD50:1750 mg/kg PAREAQ 14,225,62
orl-rbt LD50:750 mg/kg 85DPAN -,-,71/76
skn-rbt LD50:7500 mg/kg 28ZEAL 5,15,76
orl-ham LD50:1000 mg/kg TXAPA9 48,A192,79
* unk-mam LD50:1400 mg/kg GISAAA 44(6),81,79
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CNDQA8 10(3),43,75; DTTIAF 80(20),485,73
★ TLV-TWA 5 mg/m3 DTLWS* 4,31,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,2,4-TRIAZINE, 3-(4-CHLOROPHENOXY)-5,6-DIPHENYL- see: XY5775500

XY5775500 as-TRIAZINE, 3-(p-CHLOROPHENOXY)-5,6-DIPHENYL-
UPDT:8303 CAS: 74417-15-5 MW: 359.83 MOLFM: C21-H14-Cl-N3-O
SYN: 3-(p-CHLOROPHENOXY)-5,6-DIPHENYL-as-TRIAZINE * 1,2,4-TRIAZINE, 3-(4-CHLOROPHENOXY)-5,6-DIPHENYL-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY5775550 as-TRIAZINE, 3-CHLORO-5-PHENYL-
UPDT:8305 MW: 191.63 MOLFM: C9-H6-Cl-N3
SYN: 3-CHLORO-5-PHENYL-as-TRIAZINE
TOXICITY DATA AND REFERENCES:
1C08 ipr-rat LD50:300 mg/kg AIPTAK 95,123,53

XY5775600 as-TRIAZINE, 5-(m-CHLOROPHENYL)-3-ETHOXY-
UPDT:8303 CAS: 74417-09-7 MW: 235.69 MOLFM: C11-H10-Cl-N3-O
SYN: 5-(m-CHLOROPHENYL)-3-ETHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(m-CHLOROPHENYL)-3-ETHOXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5-(m-CHLOROPHENYL)-3-ETHOXY- see: XY5775600

XY5778500 as-TRIAZINE, 5-(m-CHLOROPHENYL)-3-ISOPROPOXY-
UPDT:8303 CAS: 74417-10-0 MW: 249.72 MOLFM: C12-H12-Cl-N3-O
SYN: 5-(m-CHLOROPHENYL)-3-ISOPROPOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(3-CHLOROPHENYL)-3-(1-METHYLETHOXY)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY5778600 as-TRIAZINE, 5-(m-CHLOROPHENYL)-3-METHOXY-
UPDT:8303 CAS: 69467-08-9 MW: 221.66 MOLFM: C10-H8-Cl-N3-O
SYN: 5-(m-CHLOROPHENYL)-3-METHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(3-CHLOROPHENYL)-3-METHOXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY5778800 as-TRIAZINE, 5-(p-CHLOROPHENYL)-3-METHOXY-
UPDT:8303 CAS: 69467-23-8 MW: 221.66 MOLFM: C10-H8-Cl-N3-O
SYN: 5-(p-CHLOROPHENYL)-3-METHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(4-CHLOROPHENYL)-3-METHOXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5-(3-CHLOROPHENYL)-3-METHOXY- see: XY5778600
1,2,4-TRIAZINE, 5-(4-CHLOROPHENYL)-3-METHOXY- see: XY5778800
1,2,4-TRIAZINE, 5-(3-CHLOROPHENYL)-3-(1-METHYLETHOXY)- see: XY5778500

XY5785000 as-TRIAZINE, 5-(m-CHLOROPHENYL)-3-(METHYLTHIO)-
UPDT:8303 CAS: 69466-60-0 MW: 237.72 MOLFM: C10-H8-Cl-N3-S
SYN: 5-(m-CHLOROPHENYL)-3-(METHYLTHIO)-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(3-CHLOROPHENYL)-3-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5-(3-CHLOROPHENYL)-3-(METHYLTHIO)- see: XY5785000

XY5786000 as-TRIAZINE, 5-(p-CHLOROPHENYL)-3-(METHYLTHIO)-
UPDT:8303 CAS: 67642-94-8 MW: 237.72 MOLFM: C10-H8-Cl-N3-S
SYN: 5-(p-CHLOROPHENYL)-3-(METHYLTHIO)-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(4-CHLOROPHENYL)-3-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5-(4-CHLOROPHENYL)-3-(METHYLTHIO)- see: XY5786000

XY5787000 as-TRIAZINE, 5-(m-CHLOROPHENYL)-3-PHENOXY-
UPDT:8303 CAS: 74417-11-1 MW: 283.73 MOLFM: C15-H10-Cl-N3-O
SYN: 5-(m-CHLOROPHENYL)-3-PHENOXY-as-TRIAZINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5-(3-CHLOROPHENYL)-3-(PHENYLMETHOXY)- see: XY3318000

XY5818000 s-TRIAZINE, 2-CYCLOHEXYLOXY-4,6-DIAMINO-
UPDT:8304 CAS: 63979-36-2 MW: 209.29 MOLFM: C9-H15-N5-O

BEST COPY

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:240 mg/kg JACSAT 67,1946,45

XY5820000 as-TRIAZINE, 3-(CYCLOHEXYLOXY)-5-PHENYL-
UPDT:8303 CAS: 74417-07-5 MW: 255.35 MOLFM: C15-H17-N3-O
SYN: 3-(CYCLOHEXYLOXY)-5-PHENYL-as-TRIAZINE * 1,2,4-TRIAZINE, 3-(CYCLOHEXYLOXY)-5-PHENYL-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 3-(CYCLOHEXYLOXY)-5-PHENYL- see: XY5820000

XY5830000 as-TRIAZINE, 5-CYCLOPROPYL-3-METHOXY-
UPDT:8303 CAS: 69466-80-4 MW: 151.19 MOLFM: C7-H9-N3-O
SYN: 5-CYCLOPROPYL-3-METHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 5-CYCLOPROPYL-3-METHOXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5-CYCLOPROPYL-3-METHOXY- see: XY5830000

XY5835000 as-TRIAZINE, 5-CYCLOPROPYL-3-(METHYLTHIO)-
UPDT:8303 CAS: 69466-76-8 MW: 167.25 MOLFM: C7-H9-N3-S
SYN: 5-CYCLOPROPYL-3-(METHYLTHIO)-as-TRIAZINE * 1,2,4-TRIAZINE, 5-CYCLOPROPYL-3-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:316 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5-CYCLOPROPYL-3-(METHYLTHIO)- see: XY5835000

XY5840000 as-TRIAZINE, 3-(DECYLOXY)-5-PHENYL-
UPDT:8303 CAS: 74417-08-6 MW: 313.49 MOLFM: C19-H27-N3-O
SYN: 3-(DECYLOXY)-5-PHENYL-as-TRIAZINE * 1,2,4-TRIAZINE, 3-(DECYLOXY)-5-PHENYL-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:600 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 3-(DECYLOXY)-5-PHENYL- see: XY5840000

XY5850000 s-TRIAZINE, 2,4-DIACETAMIDO-6-(5-NITRO-2-FURYL)-
UPDT:8401 CAS: 51325-35-0 MW: 306.27 MOLFM: C11-H10-N6-O5
SYN: 2,4-DIACETAMIDO-6-(5-NITRO-2-FURYL)-s-TRIAZINE * N,N'-(6-(5-NITRO-2-FURYL)-s-TRIAZINE-2,4-DIYL)BISACETAMIDE
MUTATION DATA AND REFERENCES:
mma-sat 100 ng/plate MUREAV 48,295,77
TUMORIGENIC DATA AND REFERENCES:
3V01K60R60 orl-rat TDLo:57 gm/kg/46W-C JNCIAM 51,403,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CCSUDL 4,171,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N,N'-BIS(1-METHYLETHYL)- see: XY5300000
1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-CYCLOPROPYL-N'-(1-METHYLETHYL)- see: XY5380000
1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-ETHYL-N'-(1-METHYLETHYL)- (9CI) see: XY5600000

XY5850560 1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-ETHYL-N'-(1-METHYLETHYL)-N-NITROSO-
UPDT:8406 CAS: 56525-09-8 MW: 244.72 MOLFM: C8-H13-Cl-N6-O
SYN: NITROSOATRAZINE
MUTATION DATA AND REFERENCES:
cyt-ham:lng 7800 ug/L GMCRDC 27,95,81

1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N,N,N'-TRIETHYL- see: XY5425000

XY6840000 s-TRIAZINE, 2,4-DIAMINO-6-(2-FURYL)-
UPDT:8407 CAS: 4685-18-1 MW: 177.19 MOLFM: C7-H7-N5-O
SYN: 2,4-DIAMINO-6-(2-FURYL)-s-TRIAZINE
MUTATION DATA AND REFERENCES:
oms-oin-skn 4200 ppm ABABAC 17,661,77
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:500 mg/kg CBCCT* 9,136,57

XY6895000 s-TRIAZINE, 4,6-DIAMINO-2-(5-NITRO-2-FURYL)-
UPDT:8401 CAS: 720-69-4 MW: 222.19 MOLFM: C7-H6-N6-O3
SYN: 4,6-DIAMINO-2-(5-NITRO-2-FURYL)-s-TRIAZINE
MUTATION DATA AND REFERENCES:
mma-sat 100 ng/plate MUREAV 40,9,76
dnr-sat 500 nmol/well CNREA8 34,2266,74
mmo-esc 300 nmol/well CNREA8 34,2266,74
mrc-esc 500 nmol/well CNREA8 34,2266,74
TUMORIGENIC DATA AND REFERENCES:
3V01J60R60 orl-rat TDLo:13 gm/kg/46W-C JNCIAM 51,403,73
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CCSUDL 4,171,78
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY7175000 s-TRIAZINE, 2,4-DICHLORO-6-(o-CHLOROANILINO)-
UPDT:8412 CAS: 101-05-3 MW: 275.53 MOLFM: C9-H5-Cl3-N4
SYN: ANILAZIN * ANILAZINE * B-622 * BORTRYSAN * (o-CHLOROANILINO)DICHLOROTRIAZINE * 2,4-DICHLORO-6-o-CHLORANILINO-s-TRIAZINE * 2,4-DICHLORO-6-(o-CHLOROANILINO)-s-TRIAZINE * 2,4-DICHLORO-6-(2-CHLOROANILINO)-1,3,5-TRIAZINE * 4,6-DICHLORO-N-(2-CHLOROPHENYL)-1,3,5-TRIAZIN-2-AMINE * DIREZ * DYRENE * DYRENE 50W * ENT 26,058 * KEMATE * NCI-C08684 * TRIASYN * TRIAZIN * TRIAZINE * TRIAZINE (PESTICIDE) * ZINOCHLOR
IRRITATION DATA AND REFERENCES:
skn-man 0.1% MOD LANCAO 2,1252,80
MUTATION DATA AND REFERENCES:
otr-rat:emb 990 ng/plate JJATDK 1,190,81
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2700 mg/kg ARSIM* 20,9,66
ipr-rat LD50:25 mg/kg JAFCAU 21,140,73
ipr-mus LD50:50 mg/kg JAFCAU 21,140,73
orl-rbt LD50:460 mg/kg PCOC** -,461,66
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE,RAT (NCITR* NCI-CG-TR-104,78)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

XY7340000 as-TRIAZINE, 3-(3,4-DICHLOROPHENOXY)-5,6-DIPHENYL-
UPDT:8303 CAS: 74417-16-6 MW: 394.27 MOLFM: C21-H13-Cl2-N3-O
SYN: 3-(3,4-DICHLOROPHENOXY)-5,6-DIPHENYL-as-TRIAZINE * 1,2,4-TRIAZINE, 3-(3,4-DICHLOROPHENOXY)-5,6-DIPHENYL-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 3-(3,4-DICHLOROPHENOXY)-5,6-DIPHENYL- see: XY7340000

XY7342000 as-TRIAZINE, 5-(2,4-DICHLOROPHENYL)-3-METHOXY-
UPDT:8303 CAS: 74417-03-1 MW: 256.10 MOLFM: C10-H7-Cl2-N3-O
SYN: 5-(2,4-DICHLOROPHENYL)-3-METHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(2,4-DICHLOROPHENYL)-3-METHOXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5-(2,4-DICHLOROPHENYL)-3-METHOXY- see: XY7342000

XY7344000 as-TRIAZINE, 5-(2,4-DICHLOROPHENYL)-3-(METHYLTHIO)-
UPDT:8303 CAS: 70551-97-2 MW: 272.16 MOLFM: C10-H7-Cl2-N3-S
SYN: 5-(2,4-DICHLOROPHENYL)-3-(METHYLTHIO)-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(3,4-DICHLOROPHENYL)-3-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5-(3,4-DICHLOROPHENYL)-3-(METHYLTHIO)- see: XY7344000
1,2,4-TRIAZINE, 5,6-DI-2-FURANYL-3-METHOXY- see: XY7354000
1,2,4-TRIAZINE, 5,6-DI-2-FURANYL-3-(METHYLTHIO)- see: XY7354300

XY7352000 as-TRIAZINE, 5-(2,4-DIFLUOROPHENYL)-3-METHOXY-
UPDT:8303 CAS: 69466-92-8 MW: 223.20 MOLFM: C10-H7-F2-N3-O
SYN: 5-(2,4-DIFLUOROPHENYL)-3-METHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(2,4-DIFLUOROPHENYL)-3-METHOXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:178 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5-(2,4-DIFLUOROPHENYL)-3-METHOXY- see: XY7352000

XY7353000 as-TRIAZINE, 5-(2,4-DIFLUOROPHENYL)-3-(METHYLTHIO)-
UPDT:8303 CAS: 69466-81-5 MW: 239.26 MOLFM: C10-H7-F2-N3-S
SYN: 5-(2,4-DIFLUOROPHENYL)-3-(METHYLTHIO)-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(2,4-DIFLUOROPHENYL)-3-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:178 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5-(2,4-DIFLUOROPHENYL)-3-(METHYLTHIO)- see: XY7353000

XY7354000 as-TRIAZINE, 5,6-DI-2-FURYL-3-METHOXY-
UPDT:8304 CAS: 69467-28-3 MW: 243.24 MOLFM: C12-H9-N3-O3
SYN: 5,6-DI-2-FURYL-3-METHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 5,6-DI-2-FURANYL-3-METHOXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:316 mg/kg JPMSAE 69,282,80

XY7354300 as-TRIAZINE, 5,6-DI-2-FURYL-3-(METHYLTHIO)-
UPDT:8303 CAS: 69467-09-0 MW: 259.30 MOLFM: C12-H9-N3-O2-S
SYN: 5,6-DI-2-FURYL-3-(METHYLTHIO)-as-TRIAZINE * 1,2,4-TRIAZINE, 5,6-DI-2-FURANYL-3-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY7355000 s-TRIAZINE, 1,2-DIHYDRO-1-(p-CHLOROPHENYL)-4,6-DIAMINO-2,2-DIMETHYL-
UPDT:8408 CAS: 516-21-2 MW: 251.75 MOLFM: C11-H14-Cl-N5
SYN: CHLORGUANIDE TRIAZINE * CGT * 1-(p-CHLOROPHENYL)-4,6-DIAMINO-2,2-DIMETHYL-1,2-DIHYDRO-s-TRIAZINE * 1-p-CHLOROPHENYL-1,2-DIHYDRO-2,2-DIMETHYL-4,6-DIAMINO-s-TRIAZINE * CYCLOGUANIL
MUTATION DATA AND REFERENCES:
mmo-omi 100 ug/plate AMACCQ 12,84,77
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-rat TDLo:50 mg/kg (1D preg) BEBMAE 77(6),56,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,2,4-TRIAZINE, 3-DI(HYDROXYMETHYL)AMINO-6-(5-NITRO-2-FURYLETHENYL)- see: PC3200000

XY7366500 as-TRIAZINE, 5-(2,5-DIMETHOXYPHENYL)-3-METHOXY-
UPDT:8303 CAS: 74417-04-2 MW: 247.28 MOLFM: C12-H13-N3-O3
SYN: 5-(2,5-DIMETHOXYPHENYL)-3-METHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(2,5-DIMETHOXYPHENYL)-3-METHOXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5-(2,5-DIMETHOXYPHENYL)-3-METHOXY- see: XY7366500

XY7366600 as-TRIAZINE, 5-(3,4-DIMETHOXYPHENYL)-3-METHOXY-
UPDT:8303 CAS: 69466-77-9 MW: 247.28 MOLFM: C12-H13-N3-O3
SYN: 5-(3,4-DIMETHOXYPHENYL)-3-METHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(3,4-DIMETHOXYPHENYL)-3-METHOXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5-(3,4-DIMETHOXYPHENYL)-3-METHOXY- see: XY7366600

XY7366700 as-TRIAZINE, 5-(2,5-DIMETHOXYPHENYL)-3-(METHYLTHIO)-
UPDT:8303 CAS: 74417-00-8 MW: 263.34 MOLFM: C12-H13-N3-O2-S
SYN: 5-(2,5-DIMETHOXYPHENYL)-3-(METHYLTHIO)-as-TRIAZINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY7366800 as-TRIAZINE, 5-(3,4-DIMETHOXYPHENYL)-3-(METHYLTHIO)-
UPDT:8303 CAS: 69466-72-4 MW: 263.34 MOLFM: C12-H13-N3-O2-S
SYN: 5-(3,4-DIMETHOXYPHENYL)-3-(METHYLTHIO)-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(3,4-DIMETHOXYPHENYL)-3-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5-(3,4-DIMETHOXYPHENYL)-3-(METHYLTHIO)- see: XY7366800

XY7369000 as-TRIAZINE, 3-((2-(DIMETHYLAMINO)ETHYL)THIO)-5-PHENYL-
UPDT:8305 MW: 260.39 MOLFM: C13-H16-N4-S
SYN: 3-((2-(DIMETHYLAMINO)ETHYL)THIO)-5-PHENYL-as-TRIAZINE
TOXICITY DATA AND REFERENCES:
1F12 ipr-rat LD50:100 mg/kg AIPTAK 95,123,53

XY7450000 as-TRIAZINE, 5,6-DIMETHYL-3-ETHOXY-
UPDT:8303 CAS: 74417-17-7 MW: 153.21 MOLFM: C7-H11-N3-O
SYN: 5,6-DIMETHYL-3-ETHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 3-ETHOXY-5,6-DIMETHYL-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5-(1,1-DIMETHYLETHYL)-3-METHOXY- see: XY4800000
1,2,4-TRIAZINE, 5-(1,1-DIMETHYLETHYL)-3-(METHYLTHIO)- see: XY4810000

XY7452000 as-TRIAZINE, 5,6-DIMETHYL-3-ISOPROPOXY-
UPDT:8303 CAS: 69466-66-6 MW: 167.24 MOLFM: C8-H13-N3-O
SYN: 5,6-DIMETHYL-3-ISOPROPOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 5,6-DIMETHYL-3-(1-METHYLETHOXY)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY7454000 as-TRIAZINE, 5,6-DIMETHYL-3-METHOXY-
UPDT:8303 CAS: 28735-31-1 MW: 139.18 MOLFM: C6-H9-N3-O
SYN: 5,6-DIMETHYL-3-METHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 3-METHOXY-5,6-DIMETHYL-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:178 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5,6-DIMETHYL-3-(1-METHYLETHOXY)- see: XY7452000

XY7455000 as-TRIAZINE, 5,6-DIMETHYL-3-(METHYLTHIO)-
UPDT:8303 CAS: 7275-70-9 MW: 155.24 MOLFM: C6-H9-N3-S
SYN: 5,6-DIMETHYL-3-(METHYLTHIO)-as-TRIAZINE * 1,2,4-TRIAZINE, 5,6-DIMETHYL-3-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:100 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5,6-DIMETHYL-3-(METHYLTHIO)- see: XY7455000
1,2,4-TRIAZINE, 5,6-DIMETHYL-3-(2-PROPENYLOXY)- see: XY2968000

XY7500000 s-TRIAZINE, 2-((1,2-DIMETHYLPROPYL)AMINO)-4-ETHYLAMINO-6-METHYLTHIO-
UPDT:8309 CAS: 22936-75-0 MW: 255.43 MOLFM: C11-H21-N5-S
SYN: C 18898 * DIMETHAMETRYN * 4-(1,2-DIMETHYL-N-PROPYLAMINO)-2-ETHYLAMINO-6-METHYLTHIO-s-TRIAZINE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3000 mg/kg 85ARAE 2,130,77

XY7650000 as-TRIAZINE-3,5-DIOL, 6-DIPHENYLMETHYL-
UPDT:8305 MW: 279.32 MOLFM: C16-H13-N3-O2
SYN: 6-DIPHENYLMETHYL-as-TRIAZINE-3,5-DIOL
TOXICITY DATA AND REFERENCES:
1C08 ipr-rat LD50:200 mg/kg AIPTAK 95,123,53

XY7660000 as-TRIAZINE-3,5-DIOL, 6-METHYL-
UPDT:8305 CAS: 16075-91-5 MW: 127.12 MOLFM: C4-H5-N3-O2
SYN: 6-METHYL-as-TRIAZINE-3,5-DIOL
TOXICITY DATA AND REFERENCES:
1C08 ipr-rat LD50:1800 mg/kg AIPTAK 95,123,53

XY7670000 as-TRIAZINE-3,5-DIOL, 6-PHENYL-
UPDT:8305 MW: 189.19 MOLFM: C9-H7-N3-O2

SYN: 6-PHENYL-as-TRIAZINE-3,5-DIOL
TOXICITY DATA AND REFERENCES:
1C08 ipr-rat LD50:375 mg/kg AIPTAK 95,123,53
* ivn-rbt LDLo:400 mg/kg AIPTAK 95,123,53

as-TRIAZINE-3,5(2H,4H)-DIONE see: XY7700000

XY7700000 s-TRIAZINE-3,5(2H,4H)-DIONE
UPDT:8401 CAS: 461-89-2 MW: 113.09 MOLFM: C3-H3-N3-O2
SYN: 4(6)-AZAURACIL * 6-AZAURACIL * NSC 3425 * as-TRIAZINE-3,5(2H,4H)-DIONE * USAF CB-30
MUTATION DATA AND REFERENCES:
mmo-omi 80 mg/L ZBPIA9 130,1,75
TUMORIGENIC DATA AND REFERENCES:
3V03R60T61 orl-rat TDLo:39 gm/kg/1Y-I JNCIAM 41,985,68
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:200 mg/kg NTIS** AD277-689
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY7800000 1,2,4-TRIAZINE-3,5(2H,4H)-DIONE, 2-(3-CHLORO-4-(4-CHLOROBENZOYL)PHENYL)-
UPDT:8405 MW: 362.18 MOLFM: C16-H9-Cl2-N3-O3
SYN: 2-(3-CHLORO-4-(4-CHLOROBENZOYL)PHENYL)-1,2,4-TRIAZINE-3,5(2H,4H)-DIONE * CP-24,415
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-ham TDLo:40 mg/kg (7-8D preg) TJADAB 24(2),36A,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY7810000 as-TRIAZINE-3,5(2H,4H)-DIONE, 2-(4-((p-CHLOROPHENYL)SULFONYL)-3,5-DIMETHYLPHENYL)-
UPDT:8408 MW: 391.85 MOLFM: C17-H14-Cl-N3-O4-S
SYN: 2-(4-((p-CHLOROPHENYL)SULFONYL)-3,5-DIMETHYLPHENYL)-as-TRIAZINE-3,5(2H,4H)-DIONE * CP-25,722
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-ham TDLo:40 mg/kg (7-8D preg) TJADAB 24(2),36A,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY7820000 as-TRIAZINE-3,5(2H,4H)-DIONE, 2-(4-((p-CHLOROPHENYL)THIO)-3,5-DIMETHYLPHENYL)-
UPDT:8408 MW: 359.85 MOLFM: C17-H14-Cl-N3-O2-S
SYN: 2-(4-((p-CHLOROPHENYL)THIO)-3,5-DIMETHYLPHENYL)-as-TRIAZINE-3,5(2H,4H)-DIONE * CP-25,673
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-ham TDLo:40 mg/kg (7-8D preg) TJADAB 24(2),36A,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY7850000 s-TRIAZINE-2,4(1H,3H)-DIONE, 3-CYCLOHEXYL-6-(DIMETHYLAMINO)-1-METHYL-
UPDT:8309 CAS: 51235-04-2 MW: 252.36 MOLFM: C12-H20-N4-O2
SYN: 3-CYCLOHEXYL-6-(DIMETHYLAMINO)-1-METHYL-s-TRIAZINE-2,4(1H,3H)-DIONE * 3-CYCLOHEXYL-6-(DIMETHYLAMINO)-1-METHYL-1,3,5-TRIAZINE-2,4(1H,3H)-DIONE * DPX 3674 * HEXAZINONE * VELPAR * VELPAR WEED KILLER
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1690 mg/kg 85ARAE 2,135,77
* skn-rat LD50:5278 mg/kg FMCHA2 -,C126,83
* orl-gpg LD50:860 mg/kg PESTC* 9,21,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XY8050000 as-TRIAZINE-3,5(2H,4H)-DIONE, 6-METHYL-
UPDT:8405 CAS: 932-53-6 MW: 127.12 MOLFM: C4-H5-N3-O2
SYN: 6-AZATHYMINE * 3,5-DIHYDROXY-6-METHYL-1,2,4-TRIAZINE * 5-METHYL-6-AZAURACIL * 6-METHYL-as-TRIAZINE-3,5-(2H,4H)-DIONE * 6-METHYL-1,2,4-TRIAZINE-3,5-DIONE * 6-METHYL-1,2,4-TRIAZINE-3,5(2H,4H)-DIONE * USAF CB 28
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:200 mg/kg NTIS** AD277-689

XY8575000 as-TRIAZINE-3,5(2H,4H)-DIONE, 2-beta-D-RIBOFURANOSYL-
UPDT:8412 CAS: 54-25-1 MW: 245.22 MOLFM: C8-H11-N3-O6
SYN: 6-AZAURACILRIBOSIDE * 6-AZAURACIL-beta-D-RIBOSIDE * AZAURIDINE * 6-AZAURIDINE * AZUR * 6-AZUR * 6-AZURIDINE * NSC 32074 * RIBO-AZAURACIL * RIBO-AZURACIL * 3,5-DIOXO-2,3,4,5-TETRAHYDRO-1,2,4-TRIAZINE RIBOSIDE * 2-beta-D-RIBOFURANOSYL-as-TRIAZINE-3,5(2H,4H)-DIONE * 2-beta-D-RIBOFURANOSYL-1,2,4-TRIAZINE-3,5(2H,4H)-DIONE
MUTATION DATA AND REFERENCES:
sln-dmg-par 20 mmol/L BCPCA6 15,299,66
spm-rat-ipr 2 gm/kg CEFYAD 21,278,72
dni-mus-ipr 3 gm/kg NEOLA4 20,243,73
oms-mus-ipr 3 gm/kg NEOLA4 20,243,73
cyt-mus-ipr 3 gm/kg NEOLA4 20,243,73
spm-mus-ipr 5 gm/kg CEFYAD 21,278,72
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T39 ivn-wmn TDLo:150 mg/kg (47D preg) CLPTAT 7,162,66
1T41 ipr-rat TDLo:84 mg/kg (6-12D preg) TJADAB 4,287,71
3T25T35T45 ipr-rat TDLo:252 mg/kg (6-12D preg) TJADAB 4,287,71
1T43 ipr-rat TDLo:330 mg/kg (8D preg) TJADAB 4,287,71
1T46 ipr-rat TDLo:330 mg/kg (11D preg) TJADAB 4,287,71
2T25T27 ivn-rat TDLo:900 mg/kg (7-9D preg) IJMRAQ 62,1888,74
1T35 ivn-rat TDLo:900 mg/kg (12-14D preg) IJMRAQ 62,1888,74
2T34T43 ims-mus TDLo:10 gm/kg (14D preg) TJADAB 10,47,74
1T34 unk-rbt TDLo:6250 mg/kg (3-27D preg) CCPTAY 2,85,70
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:9400 mg/kg TJADAB 4,287,71
ipr-dog LD50:3400 mg/kg BCPCA6 14,1537,65
ipr-cat LD50:2400 mg/kg BCPCA6 14,1537,65
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY8577000 as-TRIAZINE-3,5-(2H,4H)-DIONE, 2-(2',3',5'-TRIACETYL-beta-D-RIBOFURANOSYL)-
UPDT:8405 CAS: 2169-64-4 MW: 371.34 MOLFM: C14-H17-N3-O9
SYN: AZARIBINE * CB 304 * NSC-67239 * 2-beta-D-RIBOFURANOSYL-as-TRIAZINE-3,5(2H,4H)-DIONE 2',3',5'-TRIACETATE * TA-AZUR * TRIACETYL-6-AZAURIDINE * 2',3',5'-TRIACETYL-6-AZAURIDINE * 2',3',5'-TRI-O-ACETYL-6-AZAURIDINE * 2-(2',3',5'-TRIACETYL-beta-D-RIBOFURANOSYL)-as-TRIAZINE-3,5-(2H,4H)-DIONE * TRIAZURE
TOXICITY DATA AND REFERENCES:
3F07F12P20 orl-hmn TDLo:5670 mg/kg/6W AJOGAH 108,272,70
* orl-rat LD50:12 gm/kg TXAPA9 17,511,70
* orl-mus LD50:7800 mg/kg TXAPA9 17,511,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY8578000 as-TRIAZINE, 5,6-DIPHENYL-3-ETHOXY-
UPDT:8303 CAS: 69466-95-1 MW: 277.35 MOLFM: C17-H15-N3-O
SYN: 5,6-DIPHENYL-3-ETHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 3-ETHOXY-5,6-DIPHENYL-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY8586000 as-TRIAZINE, 5,6-DIPHENYL-3-ISOPROPOXY-
UPDT:8303 CAS: 69467-21-6 MW: 291.38 MOLFM: C18-H17-N3-O
SYN: 5,6-DIPHENYL-3-ISOPROPOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 3-(1-METHYLETHOXY)-5,6-DIPHENYL-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY8586500 as-TRIAZINE, 5,6-DIPHENYL-3-METHOXY-
UPDT:8303 CAS: 7478-16-2 MW: 263.32 MOLFM: C16-H13-N3-O
SYN: 5,6-DIPHENYL-3-METHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 3-METHOXY-5,6-DIPHENYL-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:316 mg/kg JPMSAE 69,282,80

XY8587000 as-TRIAZINE, 5,6-DIPHENYL-3-(METHYLTHIO)-
UPDT:8303 MW: 279.38 MOLFM: C16-H13-N3-S
SYN: 5,6-DIPHENYL-3-(METHYLTHIO)-as-TRIAZINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY8598100 as-TRIAZINE, 5,6-DIPHENYL-3-PHENOXY-
UPDT:8303 CAS: 13163-06-9 MW: 325.39 MOLFM: C21-H15-N3-O
SYN: 5,6-DIPHENYL-3-PHENOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 3-PHENOXY-5,6-DIPHENYL-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY8598200 as-TRIAZINE, 5,6-DIPHENYL-3-(p-TOLYLOXY)-
UPDT:8303 CAS: 69466-94-0 MW: 339.42 MOLFM: C22-H17-N3-O
SYN: 5,6-DIPHENYL-3-(p-TOLYLOXY)-as-TRIAZINE * 1,2,4-TRIAZINE, 3-(4-METHYLPHENOXY)-5,6-DIPHENYL-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY8599100 as-TRIAZINE, 5,6-DI-2-PYRIDYL-3-METHOXY-
UPDT:8303 CAS: 69466-68-8 MW: 265.30 MOLFM: C14-H11-N5-O
SYN: 5,6-DI-2-PYRIDYL-3-METHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 3-METHOXY-5,6-DI-2-PYRIDINYL-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY8599200 as-TRIAZINE, 5,6-DI-2-PYRIDYL-3-(METHYLTHIO)-
UPDT:8303 CAS: 69466-57-5 MW: 281.36 MOLFM: C14-H11-N5-S
SYN: 5,6-DI-2-PYRIDYL-3-(METHYLTHIO)-as-TRIAZINE * 1,2,4-TRIAZINE, 3-(METHYLTHIO)-5,6-DI-2-PYRIDINYL-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY8620000 as-TRIAZINE, 5,6-DI-(p-TOLYL)-3-METHOXY-
UPDT:8303 MW: 291.38 MOLFM: C18-H17-N3-O
SYN: 5,6-BIS(p-TOLYL)-3-METHOXY-as-TRIAZINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY8623000 as-TRIAZINE, 5,6-DI-(p-TOLYL)-3-(METHYLTHIO)-
UPDT:8303 MW: 307.44 MOLFM: C18-H17-N3-S
SYN: 5,6-BIS(p-TOLYL)-3-(METHYLTHIO)-as-TRIAZINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 3-ETHOXY-5,6-DIMETHYL- see: XY7450000
1,2,4-TRIAZINE, 3-ETHOXY-5,6-DIPHENYL- see: XY8578000

XY8650000 as-TRIAZINE, 3-ETHOXY-5-PHENYL-
UPDT:8303 CAS: 69466-64-4 MW: 201.25 MOLFM: C11-H11-N3-O
SYN: 3-ETHOXY-5-PHENYL-as-TRIAZINE * 1,2,4-TRIAZINE, 3-ETHOXY-5-PHENYL-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 3-ETHOXY-5-PHENYL- see: XY8650000

XY8750000 s-TRIAZINE, 2-ETHYLAMINO-4-ISOPROPYLAMINO-6-METHOXY-
UPDT:8309 CAS: 1610-17-9 MW: 211.31 MOLFM: C9-H17-N5-O
SYN: ATRATON * ATRATONE * ATROTON * 2-ETHYLAMINO-4-ISOPROPYLAMINO-6-METHOXY-s-TRIAZINE * 4-ETHYLAMINO-6-ISOPROPYLAMINO-2-METHOXY-s-TRIAZINE * 6-ETHYLAMINO-4-ISOPROPYLAMINO-2-METHOXY-1,3,5-TRIAZINE * N-ETHYL-6-METHOXY-N'-(1-METHYLETHYL)-1,3,5-TRIAZINE-2,4-DIAMINE * G-32293 * GEIGY 32,293 * GESATAMIN * 2-METHOXY-4-ETHYLAMINO-6-ISOPROPYLAMINO-s-TRIAZINE * 2-METHOXY-4-ISOPROPYLAMINO-6-ETHYLAMINO-S-TRIAZINE * PRIMATOL * s-TRIAZINE, 4-ETHYLAMINO-6-ISOPROPYLAMINO-2-METHOXY-
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1465 mg/kg FMCHA2 -,C19,83
orl-mus LD50:905 mg/kg 85DPAN -,-,71/76

s-TRIAZINE, 4-ETHYLAMINO-6-ISOPROPYLAMINO-2-METHOXY- see: XY8750000

XY9100000 s-TRIAZINE, 2-ETHYLAMINO-4-ISOPROPYLAMINO-6-METHYLTHIO-
UPDT:8309 CAS: 834-12-8 MW: 227.37 MOLFM: C9-H17-N5-S
SYN: A 1093 * AMETREX * AMETRYN * AMETRYNE * CRISATRINE * 2-ETHYLAMINO-4-ISOPROPYLAMINO-6-METHYLMERCARPO-s-TRIAZINE * 2-ETHYLAMINO-4-ISOPROPYLAMINO-6-METHYLTHIO-s-TRIAZINE * 2-ETHYLAMINO-4-ISOPROPYLAMINO-6-METHYLTHIO-1,3,5-TRIAZINE * EVIK * G-34162 * GESAPAX * 2-METHYLMERCAPTO-4-ETHYLAMINO-6-ISOPROPYLAMINO-S-TRIAZINE * 2 METHYLMERCAPTO-4-ISOPROPYLAMINO-6-ETHYLAMINO-S-TRIAZINE * 2-METHYLTHIO-4-ETHYLAMINO-6-ISOPROPYLAMINO-S-TRIAZINE
IRRITATION DATA AND REFERENCES:
eye-rbt 76 mg MLD CIGET* -,-,77
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1750 mg/kg FMCHA2 -,C101,83
orl-mus LD50:965 mg/kg PCOC** -,29,66
skn-rbt LD50:8160 mg/kg 85DPAN -,-,71/76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

XY9240000 as-TRIAZINE, 5-(p-ETHYLPHENYL)-3-METHOXY-
UPDT:8303 CAS: 74417-05-3 MW: 215.28 MOLFM: C12-H13-N3-O
SYN: 5-(p-ETHYLPHENYL)-3-METHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(4-ETHYLPHENYL)-3-METHOXY
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XY9245000 as-TRIAZINE, 5-(p-ETHYLPHENYL)-3-(METHYLTHIO)-
UPDT:8303 CAS: 69466-96-2 MW: 231.34 MOLFM: C12-H13-N3-S
SYN: 5-(p-ETHYLPHENYL)-3-(METHYLTHIO)-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(4-ETHYLPHENYL)-3-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

1,2,4-TRIAZINE, 5-(4-ETHYLPHENYL)-3-METHOXY- see: XY9240000
1,2,4-TRIAZINE, 5-(4-ETHYLPHENYL)-3-(METHYLTHIO)- see: XY9245000
1,2,4-TRIAZINE, 5-(2-FURANYL)-3-METHOXY- see: XY9246000
1,2,4-TRIAZINE, 5-(2-FURANYL)-3-(METHYLTHIO)- see: XY9247000

XY9246000 as-TRIAZINE, 5-(2-FURYL)-3-METHOXY-
UPDT:8303 CAS: 69466-63-3 MW: 177.18 MOLFM: C8-H7-N3-O2
SYN: 5-(2-FURYL)-3-METHOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(2-FURANYL)-3-METHOXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:237 mg/kg JPMSAE 69,282,80

XY9247000 as-TRIAZINE, 5-(2-FURYL)-3-(METHYLTHIO)-
UPDT:8303 CAS: 69466-55-3 MW: 193.24 MOLFM: C8-H7-N3-O-S
SYN: 5-(2-FURYL)-3-(METHYLTHIO)-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(2-FURANYL)-3-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:316 mg/kg JPMSAE 69,282,80

XY9450000 s-TRIAZINE, HEXAHYDRO-1,3,5-TRINITRO-
UPDT:8312 CAS: 121-82-4 MW: 222.15 MOLFM: C3-H6-N6-O6
SYN: CYCLONITE * CYCLOTRIMETHYLENENITRAMINE * CYCLOTRIMETHYLENETRINITRAMINE * CYCLOTRIMETHYLENETRINITRAMINE (DOT) * CYCLOTRIMETHYLENETRINITRAMINE, containing by weight, at least 15% water (DOT) * ESAIDRO-1,3,5-TRINITRO-1,3,5-TRIAZINA (Italian) * HEKSOGEN (Polish) * HEXAHYDRO-1,3,5-TRINITRO-s-TRIAZINE * HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZIN (German) * HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE * HEXOGEEN (Dutch) * HEXOGEN * HEXOGEN (Explosive) * HEXOGEN 5W * HEXOLITE * HEXOLITE, dry or containing by weight, less than 15% water (DOT) * PBX(AF) 108 * RDX * T4 * TRIMETHYLEENTRINITRAMINE (Dutch) * TRIMETHYLENETRINITRAMINE * sym-TRIMETHYLENETRINITRAMINE * TRINITROCYCLOTRIMETHYLENE TRIAMINE * 1,3,5-TRINITRO-1,3,5-TRIAZACYCLOHEXANE * UN 0072 (DOT) * UN 0118 (DOT)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T71T72 orl-rat TDLo:10 gm/kg (13W male/13W pre-22D preg) NTIS** AD-A092-531

BEST COPY

1T81 orl-rat TDLo:3 gm/kg (13W male/13W pre-22D preg) NTIS** AD-A092-531
TOXICITY DATA AND REFERENCES:
1F12 orl-rat LD50:100 mg/kg TXAPA9 39,531,77
ipr-rat LDLo:10 mg/kg EATR** EB-TR-73040
ivn-rat LDLo:18 mg/kg EATR** EB-TR-73040
2F12J22 orl-mus LD50:59 mg/kg NTIS** AD-A092-531
ivn-mus LD50:19 mg/kg EATR** EB-TR-73040
orl-cat LDLo:100 mg/kg FATOAO 7,43,44
orl-rbt LDLo:500 mg/kg FATOAO 7,43,44
ivn-gpg LD50:25 mg/kg EATR** EB-TR-73040
REVIEW AND REFERENCES:
★ TLV-TWA 1500 ug/m3; STEL 3 mg/m3 (skin) DTLVS* 4,115,80
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A, CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XY9460000 s-TRIAZINE, HEXAHYDRO-1,3,5-TRINITRO- mixed with OCTAHYDRO-1,3,5,7-TETRANITRO- 1,3,5,7-TETRAZOCINE, containing, by weight, at least 15% water or 10% phlegmatizer
UPDT:8312
SYN: CYCLOTRIMETHYLENETRINITRAMINE mixed with CYCLOTETRAMETHYLENETETRANITRAMINE (DOT) * UN 0391 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83

XY9470000 s-TRIAZINE, HEXAHYDRO-1,3,5-TRINITROSO-
UPDT:8401 CAS: 13980-04-6 MW: 174.15 MOLFM: C3-H6-N6-O3
SYN: HEXAHYDRO-1,3,5-s-TRIAZINE * HEXAHYDRO-1,3,5-TRINITROSO-s-TRIAZENE * HEXAHYDRO-1,3,5-TRINITROSO-1,3,5-TRIAZINE * 1,3,5-TRIAZINE, HEXAHYDRO-1,3,5-TRINITROSO- * 1,3,5-TRINITROSO-1,3,5-TRIAZACYCLOHEXANE * TRINITROSOTRIMETHYLENETRIAMINE * TRINITROSOTRIMETHYLENTRIAMIN (German) * TTT
TUMORIGENIC DATA AND REFERENCES:
3V03L60R60 orl-rat TDLo:765 mg/kg/52W-I ARGEAR 46,657,76
TOXICITY DATA AND REFERENCES:
orl-rat LD50:160 mg/kg ZEKBAI 69,103,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,3,5-TRIAZINE, HEXAHYDRO-1,3,5-TRINITROSO- see: XY9470000

XY9491300 s-TRIAZINE, HEXAHYDRO-1,3,5-TRIS(DIMETHYLAMINOPROPYL)-
UPDT:8307 CAS: 15875-13-5 MW: 342.66 MOLFM: C18-H42-N6
SYN: N,N',N''-TRIS(DIMETHYLAMINOPROPYL)-s-HEXAHYDROTRIAZINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3250 mg/kg TXAPA9 28,313,74
* skn-rbt LD50:2020 mg/kg TXAPA9 28,313,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XZ0175000 s-TRIAZINE, 2-(ISOPROPYLAMINO)-4-(METHYLAMINO)-6-(METHYLTHIO)-
UPDT:8309 CAS: 1014-69-3 MW: 213.34 MOLFM: C8-H15-N5-S
SYN: DESMETRYN (German, Dutch) * DESMETRYNE * G 34360 * GS 34360 * 2-ISOPROPYLAMINO-4-METHYLAMINO-6-METHYLMERCAPTO-s-TRIAZINE * 2-ISOPROPYLAMINO-4-METHYLAMINO-6-METHYLTHIO-1,3,5-TRIAZINE * 2-ISOPROPILAMINO-4-METILAMINO-6-METILTIO-1,3,5-TRIAZINA (Italian) * 2-METHYLAMINO-4-METHYLTHIO-6-ISOPROPYLAMINO-1,3,5-TRIAZINE * METHYLMERCAPTO-4-ISOPROPYLAMINO-6-METHYLAMINO-s-TRIAZINE * 2-METHYLTHIO-4-ISOPROPYLAMINO-6-METHYLAMINO-s-TRIAZINE * 2-(METHYLTHIO)-4-(METHYLAMINO)-6-(ISOPROPYLAMINO)-s-TRIAZINE * SAMURON * SEMERON * TOPUSYN
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1390 mg/kg 28ZEAL 5,71,76
unk-rat LD50:1390 mg/kg 30ZDA9 -,437,71
* unk-mam LD50:2 gm/kg GISAAA 44(6),81,79
s-TRIAZINE-2-METHANETHIOL, 4,6-DIAMINO-, S-ESTER with 0,0-DIMETHYLPHOSPHORODITHIOATE see: TD5600000
1,2,4-TRIAZINE, 3-METHOXY-5,6-DIMETHYL- see: XY7454000
1,2,4-TRIAZINE, 3-METHOXY-5,6-DIPHENYL- see: XY8586500
1,2,4-TRIAZINE, 3-METHOXY-5,6-DI-2-PYRIDINYL- see: XY8599100
1,2,4-TRIAZINE, 3-PHENOXY-5,6-DIPHENYL- see: XY8598100

XZ0355000 as-TRIAZINE, 3-METHOXY-5-(p-METHOXYPHENYL)-
UPDT:8303 CAS: 69466-85-9 MW: 217.25 MOLFM: C11-H11-N3-O2
SYN: 3-METHOXY-5-(p-METHOXYPHENYL)-as-TRIAZINE * 1,2,4-TRIAZINE, 3-METHOXY-5-(4-METHOXYPHENYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80
1,2,4-TRIAZINE, 3-METHOXY-5-(4-METHOXYPHENYL)- see: XZ0355000
1,2,4-TRIAZINE, 3-METHOXY-5-(4-METHYLPHENYL)- see: XZ0358900

XZ0356000 as-TRIAZINE, 3-METHOXY-5-(p-MORPHOLINOPHENYL)-
UPDT:8303 CAS: 69467-26-1 MW: 272.34 MOLFM: C14-H16-N4-O2
SYN: 1,2,4-TRIAZINE, 3-METHOXY-5-(4-(4-MORPHOLINYL)PHENYL)- * 3-METHOXY-5-(p-MORPHOLINOPHENYL)-as-TRIAZINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80
1,2,4-TRIAZINE, 3-METHOXY-5-(4-(4-MORPHOLINYL)PHENYL)- see: XZ0356000
1,2,4-TRIAZINE, 3-METHOXY-5-(1-NAPHTHALENYL)- see: XZ0357000
1,2,4-TRIAZINE, 3-METHOXY-5-(2-NAPHTHALENYL)- see: XZ0358000

XZ0357000 as-TRIAZINE, 3-METHOXY-5-(1-NAPHTHYL)-
UPDT:8303 CAS: 69466-69-9 MW: 237.28 MOLFM: C14-H11-N3-O
SYN: 3-METHOXY-5-(1-NAPHTHYL)-as-TRIAZINE * 1,2,4-TRIAZINE, 3-METHOXY-5-(1-NAPHTHALENYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XZ0358000 as-TRIAZINE, 3-METHOXY-5-(2-NAPHTHYL)-
UPDT:8303 CAS: 69466-65-5 MW: 237.28 MOLFM: C14-H11-N3-O
SYN: 3-METHOXY-5-(2-NAPHTHYL)-as-TRIAZINE * 1,2,4-TRIAZINE, 3-METHOXY-5-(2-NAPHTHALENYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XZ0358500 as-TRIAZINE, 3-(p-METHOXYPHENOXY)-5-PHENYL-
UPDT:8303 CAS: 69466-97-3 MW: 279.32 MOLFM: C16-H13-N3-O2
SYN: 3-(p-METHOXYPHENOXY)-5-PHENYL-as-TRIAZINE * 1,2,4-TRIAZINE, 3-(4-METHOXYPHENOXY)-5-PHENYL-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80
1,2,4-TRIAZINE, 3-(4-METHOXYPHENOXY)-5-PHENYL- see: XZ0358500

XZ0358600 as-TRIAZINE, 3-METHOXY-5-PHENYL-
UPDT:8303 CAS: 28735-28-6 MW: 187.22 MOLFM: C10-H9-N3-O
SYN: 3-METHOXY-5-PHENYL-as-TRIAZINE * 1,2,4-TRIAZINE, 3-METHOXY-5-PHENYL-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80
1,2,4-TRIAZINE, 3-METHOXY-5-PHENYL- see: XZ0358600
1,2,4-TRIAZINE, 5-(4-METHOXYPHENYL)-3-(METHYLTHIO)- see: XZ0358700

XZ0358700 as-TRIAZINE, 5-(p-METHOXYPHENYL)-3-(METHYLTHIO)-
UPDT:8303 CAS: 69466-83-7 MW: 233.31 MOLFM: C11-H11-N3-O-S
SYN: 5-(p-METHOXYPHENYL)-3-(METHYLTHIO)-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(4-METHOXYPHENYL)-3-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XZ0358750 s-TRIAZINE, 2-METHOXY-4-(4-PIPERONYL-1-PIPERAZINYL)-, MONOHYDROCHLORIDE
UPDT:8307 CAS: 21394-86-5 MW: 363.86 MOLFM: C16-H19-N5-O3 Cl-H
SYN: 2-METHOXY-4-(4-PIPERONYL-1-PIPERAZINYL)-s-TRIAZINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
1H04 ipr-mus LD50:200 mg/kg JMCMAR 11,1151,68

XZ0358800 as-TRIAZINE, 3-METHOXY-5-(2-THIENYL)-
UPDT:8303 CAS: 69467-00-1 MW: 193.24 MOLFM: C8-H7-N3-O-S
SYN: 3-METHOXY-5-(2-THIENYL)-as-TRIAZINE * 1,2,4-TRIAZINE, 3-METHOXY-5-(2-THIENYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:237 mg/kg JPMSAE 69,282,80
1,2,4-TRIAZINE, 3-METHOXY-5-(2-THIENYL)- see: XZ0358800

XZ0358900 as-TRIAZINE, 3-METHOXY-5-(p-TOLYL)-
UPDT:8303 CAS: 74417-02-0 MW: 201.25 MOLFM: C11-H11-N3-O
SYN: 3-METHOXY-5-(p-TOLYL)-as-TRIAZINE * 1,2,4-TRIAZINE, 3-METHOXY-5-(4-METHYLPHENYL)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XZ0359000 as-TRIAZINE, 3-METHOXY-5-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-
UPDT:8303 CAS: 69466-54-2 MW: 255.22 MOLFM: C11-H8-F3-N3-O
SYN: 3-METHOXY-5-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-as-TRIAZINE * 1,2,4-TRIAZINE, 3-METHOXY-5-(3-(TRIFLUOROMETHYL)PHENYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:133 mg/kg JPMSAE 69,282,80
1,2,4-TRIAZINE, 3-METHOXY-5-(3-(TRIFLUOROMETHYL)PHENYL)- see: XZ0359000
1,2,4-TRIAZINE, 3-(1-METHYLETHOXY)-5,6-DIPHENYL- see: XY8586000

XZ0359200 as-TRIAZINE, 3-(2-METHYLHYDRAZINO)-5-PHENYL-
UPDT:8307 MW: 201.26 MOLFM: C10-H11-N5
SYN: 3-(2-METHYLHYDRAZINO)-5-PHENYL-as-TRIAZINE * 3-(METHYLHYDRAZINO)-5-PHENYL 1,2,4-TRIAZINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:178 mg/kg JMCMAR 22,671,79

XZ0359300 as-TRIAZINE, 3-(2-METHYLHYDRAZINO)-5-(p-TOLYL)-
UPDT:8307 MW: 215.29 MOLFM: C11-H13-N5
SYN: 3-(2-METHYLHYDRAZINO)-5-(p-TOLYL)-as-TRIAZINE * 3-(2-METHYLHYDRAZINO)-5-(p-TOLYL)-1,2,4-TRIAZINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:316 mg/kg JMCMAR 22,671,79

XZ0359400 s-TRIAZINE, 2-METHYL-4-METHYLAMINO-6-(TRIFLUOROMETHYL)-
UPDT:8307 CAS: 58892-33-4 MW: 192.17 MOLFM: C6-H7-F3-N4
SYN: 2-METHYL-4-METHYLAMINO-6-(TRIFLUOROMETHYL)-s-TRIAZINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:500 mg/kg YKKZAJ 96,223,76
1,2,4-TRIAZINE, 3-(4-METHYLPHENOXY)-5,6-DIPHENYL- see: XY8598200
1,2,4-TRIAZINE, 5-(4-METHYLPHENYL)-3-(METHYLTHIO)- see: XZ0362600

XZ0362050 as-TRIAZINE, 3-(4-METHYL-1-PIPERAZINYL)-5-PHENYL-
UPDT:8305 MW: 255.36 MOLFM: C14-H17-N5
SYN: 3-(4-METHYL-1-PIPERAZINYL)-5-PHENYL-as-TRIAZINE
TOXICITY DATA AND REFERENCES:
1F12 ipr-rat LD50:300 mg/kg AIPTAK 95,123,53
1,2,4-TRIAZINE, 3-(METHYLTHIO)-5,6-DI-2-PYRIDINYL- see: XY8599200

XZ0362100 as-TRIAZINE, 3-(METHYLTHIO)-5-(p-MORPHOLINOPHENYL)-
UPDT:8303 CAS: 69466-79-1 MW: 288.40 MOLFM: C14-H16-N4-O-S
SYN: 4-(p-(3-(METHYLTHIO)-as-TRIAZIN-5-YL)PHENYL)MORPHOLINE * 1,2,4-TRIAZINE, 3-(METHYLTHIO)-5-(4-(4-MORPHOLINYL)PHENYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80
1,2,4-TRIAZINE, 3-(METHYLTHIO)-5-(4-(4-MORPHOLINYL)PHENYL)- see: XZ0362100
1,2,4-TRIAZINE, 3-(METHYLTHIO)-5-(1-NAPHTHALENYL)- see: XZ0362200

XZ0362200 as-TRIAZINE, 3-(METHYLTHIO)-5-(1-NAPHTHYL)-
UPDT:8303 CAS: 69467-05-6 MW: 253.34 MOLFM: C14-H11-N3-S
SYN: 3-(METHYLTHIO)-5-(1-NAPHTHYL)-as-TRIAZINE * 1,2,4-TRIAZINE, 3-(METHYLTHIO)-5-(1-NAPHTHALENYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XZ0362300 as-TRIAZINE, 3-(METHYLTHIO)-5-(2-NAPHTHYL)-
UPDT:8303 MW: 253.34 MOLFM: C14-H11-N3-S
SYN: 3-(METHYLTHIO)-5-(2-NAPHTHYL)-as-TRIAZINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XZ0362400 as-TRIAZINE, 3-(METHYLTHIO)-5-PHENYL-
UPDT:8303 CAS: 28735-27-5 MW: 203.28 MOLFM: C10-H9-N3-S
SYN: 3-(METHYLTHIO)-5-PHENYL-as-TRIAZINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:237 mg/kg JPMSAE 69,282,80

XZ0362500 as-TRIAZINE, 3-(METHYLTHIO)-5-(2-THIENYL)-
UPDT:8307 CAS: 69466-52-0 MW: 209.30 MOLFM: C8-H7-N3-S2
SYN: 3-(METHYLTHIO)-5-(2-THIENYL)-as-TRIAZINE * 1,2,4-TRIAZINE, 3-(METHYLTHIO)-5-(2-THIENYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:316 mg/kg JPMSAE 69,282,80
1,2,4-TRIAZINE, 3-(METHYLTHIO)-5-(2-THIENYL)- see: XZ0362500

XZ0362600 as-TRIAZINE, 3-(METHYLTHIO)-5-(p-TOLYL)-
UPDT:8303 CAS: 69467-06-7 MW: 217.31 MOLFM: C11-H11-N3-S
SYN: 3-(METHYLTHIO)-5-(p-TOLYL)-as-TRIAZINE * 1,2,4-TRIAZINE, 5-(4-METHYLPHENYL)-3-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80
1,2,4-TRIAZINE, 3-(METHYLTHIO)-5-(3-(TRIFLUOROMETHYL)PHENYL)- see: XZ0362700

XZ0362700 as-TRIAZINE, 3-(METHYLTHIO)-5-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-
UPDT:8303 CAS: 69466-62-2 MW: 271.28 MOLFM: C11-H8-F3-N3-S
SYN: 3-(METHYLTHIO)-5-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-as-TRIAZINE * 1,2,4-TRIAZINE, 3-(METHYLTHIO)-5-(3-(TRIFLUOROMETHYL)PHENYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80

XZ0401000 as-TRIAZINE, 3-(PENTYLOXY)-5-PHENYL-
UPDT:8303 CAS: 69466-98-4 MW: 243.34 MOLFM: C14-H17-N3-O
SYN: 3-(PENTYLOXY)-5-PHENYL-as-TRIAZINE * 1,2,4-TRIAZINE, 3-(PENTYLOXY)-5-PHENYL-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80
1,2,4-TRIAZINE, 3-(PENTYLOXY)-5-PHENYL- see: XZ0401000
TRIAZINE (PESTICIDE) see: XY7175000
1,2,4-TRIAZINE, 5-PHENYL-3-(PHENYLMETHOXY)- see: XY3320000
1,2,4-TRIAZINE, 5-PHENYL-3-(2-PROPENYLOXY)- see: XY2968500

XZ0413000 as-TRIAZINE, 5-PHENYL-3-PROPOXY-
UPDT:8303 CAS: 69466-70-2 MW: 215.28 MOLFM: C12-H13-N3-O
SYN: 5-PHENYL-3-PROPOXY-as-TRIAZINE * 1,2,4-TRIAZINE, 5-PHENYL-3-PROPOXY-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg JPMSAE 69,282,80
1,2,4-TRIAZINE, 5-PHENYL-3-PROPOXY- see: XZ0413000

XZ0840000 as-TRIAZINE-3-THIOL, 5-BENZYL-
UPDT:8305 MW: 203.28 MOLFM: C10-H9-N3-S
SYN: 5-BENZYL-as-TRIAZINE-3-THIOL
TOXICITY DATA AND REFERENCES:
2C08F11 ipr-rat LD50:200 mg/kg AIPTAK 95,123,53

XZ0845000 as-TRIAZINE-3-THIOL, 5-(4-BIPHENYLYL)-
UPDT:8305 MW: 265.35 MOLFM: C15-H11-N3-S

SYN: 5-(4-BIPHENYLYL)-as-TRIAZINE-3-THIOL
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:300 mg/kg AIPTAK 95,123,53

XZ0880000 as-TRIAZINE-3-THIOL, 5-CYCLOHEXYL-
UPDT:8305 MW: 195.31 MOLFM: C9-H13-N3-S
SYN: 5-CYCLOHEXYL-as-TRIAZINE-3-THIOL
TOXICITY DATA AND REFERENCES:
1F12 ipr-rat LD50:200 mg/kg AIPTAK 95,123,53

XZ0905000 as-TRIAZINE-3-THIOL, 5,6-DIPHENYL-
UPDT:8305 CAS: 7338-79-6 MW: 265.35 MOLFM: C15-H11-N3-S
SYN: 5,6-DIPHENYL-as-TRIAZINE-3-THIOL
TOXICITY DATA AND REFERENCES:
1C08 ipr-rat LD50:360 mg/kg AIPTAK 95,123,53

XZ0920000 as-TRIAZINE-3-THIOL, 6-ETHYL-5-PHENYL-
UPDT:8305 MW: 217.31 MOLFM: C11-H11-N3-S
SYN: 6-ETHYL-5-PHENYL-as-TRIAZINE-3-THIOL
TOXICITY DATA AND REFERENCES:
1F12 ipr-rat LD50:375 mg/kg AIPTAK 95,123,53

XZ0970000 as-TRIAZINE-3-THIOL, 5-(p-METHOXYPHENYL)-
UPDT:8305 MW: 219.28 MOLFM: C10-H9-N3-O-S
SYN: 5-(p-METHOXYPHENYL)-as-TRIAZINE-3-THIOL
TOXICITY DATA AND REFERENCES:
1F12 ipr-rat LD50:175 mg/kg AIPTAK 95,123,53

XZ0980000 as-TRIAZINE-3-THIOL, 5-(3-METHYL-5-ISOXAZOLYL)-
UPDT:8305 MW: 194.23 MOLFM: C7-H6-N4-O-S
SYN: 5-(3-METHYL-5-ISOXAZOLYL)-as-TRIAZINE-3-THIOL
TOXICITY DATA AND REFERENCES:
1C08 ipr-rat LD50:350 mg/kg AIPTAK 95,123,53

XZ0983000 as-TRIAZINE-3-THIOL, 6-METHYL-5-PHENYL-
UPDT:8305 MW: 203.28 MOLFM: C10-H9-N3-S
SYN: 6-METHYL-5-PHENYL-as-TRIAZINE-3-THIOL
TOXICITY DATA AND REFERENCES:
1C06 ipr-rat LD50:450 mg/kg AIPTAK 95,123,53

XZ0995000 as-TRIAZINE-3-THIOL, 5-(2-NAPHTHYL)-
UPDT:8305 MW: 239.31 MOLFM: C13-H9-N3-S
SYN: 5-(2-NAPHTHYL)-as-TRIAZINE-3-THIOL
TOXICITY DATA AND REFERENCES:
1C08 ipr-rat LD50:500 mg/kg AIPTAK 95,123,53

XZ1000000 as-TRIAZINE-3-THIOL, 5-PENTYL-
UPDT:8305 MW: 183.30 MOLFM: C8-H13-N3-S
SYN: 5-PENTYL-as-TRIAZINE-3-THIOL
TOXICITY DATA AND REFERENCES:
1C06 ipr-rat LD50:200 mg/kg AIPTAK 95,123,53

XZ1008000 as-TRIAZINE-3-THIOL, 5-PHENYL-
UPDT:8305 CAS: 15969-26-5 MW: 189.25 MOLFM: C9-H7-N3-S
SYN: 5-PHENYL-as-TRIAZINE-3-THIOL
TOXICITY DATA AND REFERENCES:
1C08 ipr-rat LD50:375 mg/kg AIPTAK 95,123,53
1F17 ivn-rbt LDLo:175 mg/kg AIPTAK 95,123,53

XZ1020000 as-TRIAZINE-3-THIOL, 5-(2-THIENYL)-
UPDT:8305 MW: 195.27 MOLFM: C7-H5-N3-S2
SYN: 5-(2-THIENYL)-as-TRIAZINE-3-THIOL
TOXICITY DATA AND REFERENCES:
2C08F12 ipr-rat LD50:250 mg/kg AIPTAK 95,123,53

XZ1065000 s-TRIAZINE-1,3,5-TRIAMINE, HEXAKIS(METHOXYMETHYL)-
UPDT:8305 MW: 390.51 MOLFM: C15-H30-N6-O6
SYN: CYREZ 963 RESIN * HEXAKIS(METHOXYMETHYL)MELAMINE * HEXAKIS(METHOXYMETHYL)-s-TRIAZINE-1,3,5-TRIAMINE * HEXA(METHOXYMETHYL)MELAMINE * HEXAMETHYLOL-MELAMIN-HEXA-METHYLAETHER (German) * HEXAMETHYL METHYLOLMELAMINE * LR 36 * METAZIN * METAZINE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1050 mg/kg ARZNAD 6,119,56
1,3,5-TRIAZINE-2,4,6-TRIAMINE, HEXAKIS(HYDROXYMETHYL)- see: PC3700000
s-TRIAZINE, 2,4,6-TRIAMINO- see: OS0700000

XZ1260000 s-TRIAZINE, 2,4,6-TRIAZIDO-
UPDT:8308 CAS: 5637-83-2 MW: 204.15 MOLFM: C3-N12
SYN: CYANURIC TRIAZIDE * CYANURIC TRIAZIDE (DOT) * 1,3,5-TRIAZINE, 2,4,6-TRIAZIDO-
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82
1,3,5-TRIAZINE, 2,4,6-TRIAZIDO- see: XZ1260000
s-TRIAZINE TRICHLORIDE see: XZ1400000

XZ1400000 s-TRIAZINE, 2,4,6-TRICHLORO-
UPDT:8408 CAS: 108-77-0 MW: 184.41 MOLFM: C3-Cl3-N3
SYN: CHLOROTRIAZINE * CYANURCHLORIDE * CYANURIC ACID CHLORIDE * CYANURIC CHLORIDE * CYANURIC CHLORIDE (DOT) * CYANURIC TRICHLORIDE * CYANURIC TRICHLORIDE (DOT) * CYANURYL CHLORIDE * KYANURCHLORID (Czech) * s-TRIAZINE TRICHLORIDE * TRICHLOROCYANIDINE * TRICHLORO-s-TRIAZINE * sym-TRICHLOROTRIAZINE * 1,3,5-TRICHLOROTRIAZINE * 2,4,6-TRICHLOROTRIAZINE * 2,4,6-TRICHLORO-s-TRIAZINE * 2,4,6-TRICHLORO-1,3,5-TRIAZINE * syn-TRICHLOTRIAZIN (Czech) * TRICYANOGEN CHLORIDE * UN 2670 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,152,72
eye-rbt 50 ug/24H SEV 28ZPAK -,152,72
TUMORIGENIC DATA AND REFERENCES:
3V03R60T64 orl-rat TDLo:20 gm/kg/73W-I VOONAW 12(4),78,66
3V03R60V10 mul-rat TDLo:16 gm/kg/73W-I VOONAW 12(4),78,66
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:485 mg/kg 85GMAT -,114,82
* orl-mus LD50:350 mg/kg 85GMAT -,114,82
* ihl-mus LCLo:10 mg/m3/2H 85GMAT -,114,82
* ivn-mus LD50:18 mg/kg CSLNX* NX#07336
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,3,5-TRIAZINE-2,4,6-TRIMERCAPTAN see: XZ2830000
sym-TRIAZINETRIOL see: XZ1800000

XZ1800000 s-TRIAZINE-2,4,6-TRIOL
UPDT:8401 CAS: 108-80-5 MW: 129.09 MOLFM: C3-H3-N3-O3
SYN: CYANURIC ACID * ISOCYANURIC ACID * KYSELINA KYANUROVA (Czech) * PSEUDOCYANURIC ACID * sym-TRIAZINETRIOL * s-2,4,6-TRIAZINETRIOL * s-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE * TRICYANIC ACID * TRIHYDROXYCYANIDINE * 2,4,6-TRIHYDROXY-1,3,5-TRIAZINE
IRRITATION DATA AND REFERENCES:
eye-rbt 500 mg/24H SEV 28ZPAK -,152,72
eye-rbt 20 mg/24H rns MLD MONS** -,-,72
TUMORIGENIC DATA AND REFERENCES:
3V03L60R60 orl-rat TDLo:55 gm/kg/82W-I VOONAW 16(1),82,70
3V03J60P62 scu-rat TDLo:27 gm/kg/2Y-I VOONAW 16(1),82,70
2V03P62 orl-mus TDLo:130 gm/kg/2Y-I VOONAW 16(1),82,70
2V03L60 skn-mus TDLo:2400 mg/kg/W-I AJHEAA 64,155,74
2V03L60 skn-mus TD :138 gm/kg/2Y-I VOONAW 16(1),82,70
2V03R60 orl-rat TD :60750 mg/kg/81W-I AJHEAA 64,155,74
2V03J60 scu-rat TD :36 gm/kg/2Y-I AJHEAA 64,155,74
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg JPETAB 90,260,47
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
s-2,4,6-TRIAZINETRIOL see: XZ1800000
s-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE see: XZ1800000

XZ1845000 s-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE, 1,3-DICHLORO-
UPDT:8312 CAS: 2782-57-2 MW: 198.98 MOLFM: C3-H2-Cl2-N3-O3
SYN: ACL-59 * ACL 70 * DICHLOROISOCYANURIC ACID * DICHLOROISOCYANURIC ACID, dry (DOT) * ISOCYANURIC ACID, DICHLORO- * KYSELINA DICHLORISOKYANUROVA (Czech) * TROCLOSENE * UN 2465 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1173 mg/kg MarJV# 29MAR77
STANDARDS & REGULATIONS:
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
s-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE, DICHLORO-, POTASSIUM DERIV see: XZ1850000

XZ1850000 s-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE, 1,3-DICHLORO-, POTASSIUM SALT
UPDT:8401 CAS: 2244-21-5 MW: 237.07 MOLFM: C3-H-Cl2-N3-O3 . K
SYN: 1,3-DICHLORO-s-TRIAZINE-2,4,6(1H,3H,5H)TRIONE POTASSIUM SALT * DICHLOROISOCYANURIC ACID POTASSIUM SALT * DICHLOROISOCYANURIC ACID POTASSIUM SALT (DOT) * DICHLORO-S-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE POTASSIUM DERIV * DICHLOR-s-TRIAZIN-2,4,6(1H,3H,5H)TRIONE POTASSIUM * ISOCYANURIC ACID, DICHLORO-, POTASSIUM SALT * POTASSIUM DICHLOROISOCYANURATE * POTASSIUM DICHLORO-s-TRIAZINETRIONE * 1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE, 1,3-DICHLORO-, POTASSIUM SALT * POTASSIUM TROCLOSENE * s-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE, DICHLORO-, POTASSIUM DERIV * TROCLOSENE POTASSIUM * UN 2465 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD MONS** -,-,72
eye-rbt 10 mg/24H rns SEV MONS** -,-,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1215 mg/kg MONS**
STANDARDS & REGULATIONS:
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE, 1,3-DICHLORO-, POTASSIUM SALT see: XZ1850000

XZ1900000 s-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE, DICHLORO-, SODIUM SALT
UPDT:8312 CAS: 2893-78-9 MW: 220.96 MOLFM: C3-H-Cl2-N3-O3 . Na
SYN: ACL 60 * CDB 63 * DICHLOROISOCYANURIC ACID SODIUM SALT * DICHLOROISOCYANURIC ACID SODIUM SALT (DOT) * DIKONIT * DIMANIN C * FI CLOR 60S * ISOCYANURIC ACID, DICHLORO-, SODIUM SALT * OCI 56 * SDIC * SIMPLA * SODIUM DICHLOROCYANURATE * SODIUM DICHLORISOCYANURATE * SODIUM DICHLOROISOCYANURATE * 1-SODIUM-3,5-DICHLORO-s-TRIAZINE-2,4,6-TRIONE * 1-SODIUM-3,5-DICHLORO-1,3,5-TRIAZINE-2,4,6-TRIONE * SODIUM SALT of DICHLORO-s-TRIAZINETRIONE * UN 2465 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/34H MLD MONS** -,-,72
eye-rbt 10 mg/34H rns SEV MONS** -,-,72
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T46T86 orl-mus TDLo:4 gm/kg (6-15D preg) YKRYAH 13,353,80
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1400 mg/kg FMCHA2 -,C80,83
STANDARDS & REGULATIONS:
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ1900010 s-TRIAZINE-2,4-6(1H,3H,5H)-TRIONE, 1,3-DICHLORO-, POTASSIUM SALT, dry, containing more than 39% available CHLORINE
UPDT:8401 CAS: 2244-21-5 MW: 237.07 MOLFM: C3-H-Cl2-N3-O3 . K
SYN: ACL-59 * NA 2465 (DOT) * POTASSIUM DICHLOROCYANURATE * POTASSIUM DICHLOROISOCYANURATE * POTASSIUM DICHLORO-s-TRIAZINETRIONE, dry, containing more than 39% available CHLORINE (DOT) * TROCLOSENE POTASSIUM
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XZ1912000 s-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE, MONOSODIUM SALT
UPDT:8412 CAS: 2624-17-1 MW: 152.08 MOLFM: C3-H2-N3-O3 . Na
SYN: ACOVENOSIDE B * MONOSODIUM CYANURATE * NCI-C56542 * SODIUM CYANURATE * SODIUM ISOCYANURATE * 1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE, MONOSODIUM SALT (9CI)
TOXICITY DATA AND REFERENCES:
ivn-cat LD50:2144 mg/kg JPETAB 103,420,51
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85ELDJ -,188,63
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED BUT DEFERRED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE, MONOSODIUM SALT (9CI) see: XZ1912000

XZ1925000 s-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE, 1,3,5-TRICHLORO-
UPDT:8408 CAS: 87-90-1 MW: 232.41 MOLFM: C3-Cl3-N3-O3
SYN: ACL 85 * CBD 90 * FICHLOR 91 * FI CLOR 91 * ISOCYANURIC CHLORIDE * KYSELINA TRICHLOISOKYANUROVA (Czech) * NSC-405124 * SYMCLOSEN * SYMCLOSENE * 1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE, 1,3,5-TRICHLORO- * TRICHLORINATED ISOCYANURIC ACID * TRICHLOROCYANURIC ACID * TRICHLOROISOCYANIC ACID * TRICHLOROISOCYANURIC ACID * N,N',N''-TRICHLOROISOCYANURIC ACID * 1,3,5-TRICHLOROISOCYANURIC ACID * TRICHLOROISOCYANURIC ACID, dry (DOT) * TRICHLORO-s-TRIAZINETRIONE * 1,3,5-TRICHLORO-s-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE * TRICHLORO-s-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE * TRICHLORO-s-TRIAZINETRIONE, dry, containing over 39% available CHLORINE (DOT) * 1,3,5-TRICHLORO-2,4,6-TRIOXOHEXAHYDRO-s-TRIAZINE * UN 2468 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,153,72
eye-rbt 50 ug/24H SEV 28ZPAK -,153,72
eye-rbt 3125 mg MOD MONS** -,-,72
TOXICITY DATA AND REFERENCES:
orl-rat LD50:406 mg/kg TXAPA9 42,417,77
skn-rbt LD50:20 gm/kg TXAPA9 42,417,77
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 314#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE, 1,3,5-TRICHLORO- see: XZ1925000

XZ1965000 S-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE, 1,3,5-TRIISOCYANATO-
UPDT:8312 MW: 252.12 MOLFM: C6-N6-O6
SYN: TRIISOCYANATOISOCYANURATE, solution 70% by weight (DOT) * UN 2906 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83

XZ1995000 s-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE, 1,3,5-TRIS(2,3-EPOXYPROPYL)-
UPDT 8405 MW: 297.30 MOLFM: C12-H15-N3-O6
SYN: HENKEL'S COMPOUND * NSC-296934 * 1,3,5-TRIAZINE-2,4,6-(1H,3H,5H) TRIONE, 1,3,5-TRIS(OXIRANYLMETHYL)-, (alpha)- * 1,3,5-TRIS(2,3-EPOXYPROPYL)-s-TRIAZINE-2,4,6-(1H,3H,5H)-TRIONE

TOXICITY DATA AND REFERENCES:

3F07K12R21	ivn-mus LD50:145 mg/kg	NTIS** PB82-110537
3F15K12K13	ivn-dog LDLo:36200 ug/kg	NTIS** PB82-193442

1,3,5-TRIAZINE-2,4,6-(1H,3H,5H)-TRIONE, 1,3,5-TRIS(OXIRANYLMETHYL)-, (alpha)- see: XZ1995000

XZ2080000 s-TRIAZINE, 2,4,6-TRIS(ALLYLOXY)-
UPDT 8402 CAS: 101-37-1 MW: 249.30 MOLFM: C12-H15-N3-O3
SYN: TRIALLYL CYANAURATE * TRIALLYL CYANUPATE * TRIPROPARGYL CYANURATE * 2,4,6-TRIPROP-2-YNYLOXY-s-TRIAZINE * 2,4,6-TRIS(ALLYLOXY)TRIAZINE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:180 mg/kg	CSLNX* NX#00905

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XZ2100000 s-TRIAZINE, 2,4,6-TRIS(1-AZIRIDINYL)-
UPDT 8412 CAS: 51-18-3 MW: 204.27 MOLFM: C9-H12-N6
SYN: AZIRIDINE, 1,1',1''-s-TRIAZINE-2,4,6-TRIYLTRIS- * DRP 859025 * ENT 25,296 * M-9500 * MELAMINE, TRIETHYLENE- * NSC 9706 * PERSISTOL * PERSISTOL HO 1/193 * PERSISTOL HOE 1/193 * R-246 * SK1133 * TAT * TEM * TEM (CYTOSTATIC) * (SM-SIMES * TET * TRETAMIN * TRETAMINE * TRIAMELIN * 1,3,5-TRIAZINE, 2,4,6-TRIS(1-AZIRIDINYL)- * 1,1',1''-s-TRIAZINE-2,4,6-TRIYLTRISAZIRIDINE * TRIAZIRIDINYL TRIAZINE * TRIETHANOMELAMINE * 2,4,6-TRI(ETHYLENEIMINO)-1,3,5-TRIAZINE * 2,4,6-TRIETHYLENEIMINO-s-TRIAZINE * TRIETHYLENEMELAMINE * 2,4,6-TRIETHYLENIMINO-s-TRIAZINE * 2,4,6-TRIETHYLENIMINO-1,3,5-TRIAZINE * TRISAZIRIDINYLTRIAZINE * 2,4,6-TRIS(1-AZIRIDINYL)-s-TRIAZINE * 2,4,6-TRIS(1'-AZIRIDINYL)-1,3,5-TRIAZINE * 2,4,6-TRIS(ETHYLENEIMINO)-s-TRIAZINE * TRIS(ETHYLENEIMINO)TRIAZINE * 2,4,6-TRIS(ETHYLENIMINO)-s-TRIAZINE * TRISETHYLENEIMINO-1,3,5-TRIAZINE

MUTATION DATA AND REFERENCES:

mmo-sat 10 uL/plate	ANYAA9 76,475,58
mmo-esc 500 ug/disc	APMBAY 6,23,58
dnr-esc 100 umol/L	ZKKOBW 92,177,78
dnd-esc 10 umol/L	MUREAV 89,95,81
pic-esc 25 mg/L	APMBAY 12,234,64
dnr-bcs 250 mg/plate	EVSRBT 24,943,81
mmo-omi 2400 umol/L	MUREAV 2,413,65
sli-dmg-par 200 umol/L	MUREAV 1,437,64
mrc-dmg-orl 2500 mg/L	MGGEAE 138,11,75
dnd-dmg-orl 100 umol/L	CNREA8 30,195,70
dnd-dmg-par 100 umol/L	CNREA8 30,195,70
cyt-dmg-par 150 umol/L	GENRA8 24,1,74
sln-dmg-orl 5 umol/L/24H	IDZAAW 56,145,81
sln-dmg-ihl 5000 ppm/2H	JOGNAU 50,480,52
sln-dmg-par 50 ppm	JOGNAU 50,480,52
trn-dmg-par 4300 ug/kg	EVSRBT 24,943,81
mmo-nsc 10 mmol/L	EVSRBT 24,109,81
mrc-smc 5 umol/L	MGGEAE 168,125,79
msc-slw-spr 20 umol/L	MUREAV 7,425,69
cyt-oin-skn 1 pph	ABABAC 17,661,77
cyt-oin-skn 1000 ppm	MUREAV 1,318,64
dlt-oin-skn 1000 ppm	MUREAV 1,318,64
dlt-oin-par 56 umol/L	MUREAV 4,225,67
dlt-ofs-ipr 100 ug/kg	MUREAV 54,149,78
dlt-ofs-skn 100 ug/kg	MUREAV 54,149,78
dnd-hmn-hla 100 umol/L/30M-C	JEPTDQ 2(1),65,78
dni-hmn-hla 100 umol/L	MUREAV 92,427,82
cyt-hmn-leu 5 umol/L	CHROAU 24,314,68
mnt-rat-ipr 100 ug/kg	EVSRBT 24,943,81
dnd-rat-ipr 1 mg/kg	ECEBDI 47,92,75
dnd-rat-unk 200 ug/kg	PACHAS 42,209,75
dns-rat-ipr 200 ug/kg	MUREAV 24,41,74
dns-rat-lvr 100 umol/L	ENMUDM 3,11,81
dns-rat-unk 50 ug/kg	EVSRBT 24,943,81
dns-rat-orl 50 ug/kg	BANRDU 13,115,82
cyt-rat-ipr 200 ug/kg	MUREAV 24,41,74
cyt-rat-orl 400 ug/kg	MUREAV 31,115,75
cyt-rat-orl 500 ug/kg	TXAPA9 42,497,77
cyt-rat-ims 500 ug/kg	TXAPA9 42,497,77
dlt-rat-ipr 100 ug/kg/5D	FCTXAV 10,353,72
dlt-rat-orl 25 ug/kg	TXAPA9 39,549,77
spm-rat-ipr 1 mg/kg/5D	ENDOAO 65,40,59
mnt-mus-ipr 1 mg/kg	MUREAV 43,255,77
mnt-mus-ivn 500 ug/kg/24H	MUREAV 23,239,74
mnt-mus-orl 1 mg/kg/24H	MUREAV 3,239,74
slt-mus-ipr 4 mg/kg/24H	MUREAV 3,346,66
slt-mus-par 500 ug/kg	ARTODN 38,75,77
slt-mus-unk 800 ug/kg	GENTAE 92,S153,79
slt-mus-lym 200 ug/L	EVSRBT 24,943,81
dnd-mus-unk 200 ug/kg	PACHAS 42,209,75
dns-mus-unk 50 ug/kg	EVSRBT 24,943,81
cyt-mus-ipr 300 ug/kg	MUREAV 42,117,77
cyt-mus-orl 500 ug/kg	TCMUD8 3,321,83
dlt-mus-ipr 200 ug/kg	TXAPA9 23,288,72
dlt-mus-orl 4 mg/kg	TXAPA9 42,487,77
hma-mus/smc 10 umol/L/kg	MUREAV 26,29,74
spm-mus-par 75 mg/kg	MUREAV 53,105,78
spm-mus-orl 350 ug/kg/28D	MUREAV 50,241,78
spm-mus-ipr 6 mg/kg	GENTAE 46,291,61
spm-mus-unk 2300 ug/kg	GENTAE 92,S153,79
trn-mus-orl 350 ug/kg/28D	MUREAV 50,241,78
trn-mus-ipr 1600 ug/kg	NATUAS 180,1364,57
trn-mus-unk 200 ug/kg	34LXAP -,555,76
mnt-ham-ipr 250 ug/kg	EVSRBT 24,943,81
cyt-ham-kdy 200 ug/L	EXPEAM 36,346,80
dlt-ham-ipr 200 ug/kg	MUREAV 30,293,75
spm-ham-ipr 50 ug/kg/5D-C	ENMUDM 4,231,82
dlt-gpg-ipr 200 ug/kg	MUREAV 30,293,75
cyt-ckn-ipr 400 ug/kg	MUREAV 96,53,82
cyt-frg-ipr 13 ug/kg	ENMUDM 1,221,79
dlt-frg-ipr 13 ug/kg	TCMUD8 1,283,80
spm-rbt-par 2 mg/kg/5W-I	JRPFA4 19,309,69

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T23T24T35	orl-rat TDLo:2800 ug/kg (70D male)	NTIS** PB299-836
1T25	orl-rat TDLo:10 mg/kg (20D male)	DCTODJ 4,63,81
1T35	orl-rat TDLo:1 mg/kg (5D male)	FCTXAV 10,353,72
1T35	ipr-rat TDLo:250 ug/kg (5D male)	FCTXAV 10,353,72
1T01	ipr-rat TDLo:300 ug/kg (1D male)	NTIS** PB82-185075
3T41T46T55	ipr-rat TDLo:550 ug/kg (12D preg)	PEDIAU 23,231,59
1T34	ipr-rat TDLo:550 ug/kg (12D preg)	PEDIAU 23,231,59
1T23	ipr-rat TDLo:200 ug/kg (1D male)	BJPCAL 12,1,57
3T23T24T25	ipr-rat TDLo:300 ug/kg (1D male)	DCTODJ 4,63,81
2T35T42	scu-rat TDLo:281 mg/kg (7-9D preg)	COREAF 247,152,58
1T23	par-rat TDLo:2050 ug/kg (37D male)	NATUAS 175,1037,55
1T23	unk-rat TDLo:100 ug/kg (1D male)	85GUAJ -,37,66
3T16T25T46	orl-mus TDLo:2800 ug/kg (14D pre/1-21D preg)	TJADAB 14,257,76
3T23T72T75	orl-mus TDLo:500 ug/kg (5D male)	TXAPA9 23,277,72
1T35	orl-mus TDLo:6 mg/kg (MGN)	JTSCDR 5,267,80
1T81	orl-mus TDLo:500 ug/kg (5D male)	TXAPA9 23,277,72
2T23T35	ipr-mus TDLo:1 mg/kg (40D male)	DCTODJ 6,83,83
1T23	ipr-mus TDLo:200 ug/kg (1D male)	ZEVBA5 90,1,59
2T26T29	ipr-mus TDLo:1 mg/kg (1D pre)	MUREAV 13,171,71
3T42T43T45	ipr-mus TDLo:1500 ug/kg (10D preg)	AMUK** 37,318,61
1T22	ipr-mus TDLo:1600 ug/kg (1D pre)	IJRBA3 1,288,59
3T01T25T33	ipr-mus TDLo:200 ug/kg (1D male)	TAKHAA 40,37,81
1T35	scu-mus TDLo:1200 ug/kg (7-9D preg)	JEEMAF 7,526,59
1T01	ivn-mus TDLo:3 mg/kg (1D male)	VAAZA2 4,276,70
1T59	par-mus TDLo:500 ug/kg (10D preg)	EVHPAZ 24,113,78
1T02	ivn-mky TDLo:1500 ug/kg (30D male)	JRPFA4 16,165,68
2T01T23	ivn-rbt TDLo:200 ug/kg (1D male)	JRPFA4 19,309,69
1T02	ivn-rbt TDLo:400 ug/kg (1D male)	JRPFA4 19,309,69
1T01	par-rbt TDLo:200 ug/kg (1D male)	JRPFA4 14,348,67

TUMORIGENIC DATA AND REFERENCES:

2V03V16	scu-rat TDLo:10 mg/kg/I	ANYAA9 68,750,58
2V02R60	skn-mus TDLo:10 mg/kg	BJCAAI 9,177,55
2V02J60	ipr-mus TDLo:3 mg/kg/19D-I	BJPCAL 6,357,51
3V02P61P62	ipr-mus TD :6 mg/kg/42D-I	CNREA8 25,20,65

TOXICITY DATA AND REFERENCES:

orl-rat LD50:1 mg/kg	BWHOA6 31,721,64
ipr-rat LD50:1 mg/kg	JPETAB 100,398,50
ivn-rat LD50:1110 mg/kg	ARZNAD 6,539,56
ims-rat LD50:1500 ug/kg	CLDND*
orl-mus LD50:15 mg/kg	JPETAB 100,398,50
ipr-mus LD50:2800 ug/kg	JPETAB 100,398,50
ims-mus LD50:1500 ug/kg	CLDND*
orl-dog LDLo:1 mg/kg	JPETAB 100,398,50
ivn-dog LDLo:400 ug/kg	JPETAB 100,396,50
ivn-mky LDLo:100 ug/kg	CCSUBJ 2,202,65
ivn-cat LDLo:1 mg/kg	JPETAB 100,398,50

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CRTXB2 1(1),93,71; JAMAAP 172,1765,60; 32XPAD -,49,75; ARVPAX 5,447,65; ADVPA3 4,263,66
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 9,95,75

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,3,5-TRIAZINE, 2,4,6-TRIS(1-AZIRIDINYL)- see: XZ2100000
s-TRIAZINE, 2,4,6-TRIS(BIS(HYDROXYMETHYL)AMINO)- see: PC3700000
s-TRIAZINE, 2,4,6-TRIS(DIMETHYLAMINO)- see: OS1050000

XZ2650000 s-TRIAZINE, 2,4,6-TRIS(METHYLAMINO)-
UPDT 8305 CAS: 2827-46-5 MW: 168.24 MOLFM: C6-H12-N6
SYN: 2,4,6-TRIS(METHYLAMINO)-s-TRIAZINE * 2,4,6-TRIS-METHYLAMINO-1,3,5 TRIAZINE

MUTATION DATA AND REFERENCES:

	cyt-rat-ipr 200 mg/kg	BJPCAL 6,357,51

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:320 mg/kg	CSLNX* NX#03985

XZ2710000 s-TRIAZINE, 2,4,6-TRIS(2-METHYL-1-AZIRIDINYL)-
UPDT 8306 CAS: 13009-91-1 MW: 246.36 MOLFM: C12-H18-N6
SYN: METHYLTRETAMINE * TMAT * 2,4,6-TRIS-(1'-(2-METHYLAZIRIDINYL))-1,3,5-TRIAZINE

MUTATION DATA AND REFERENCES:

	dlt-oin-par 150 umol/L	MUREAV 4,225,67

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:10 mg/kg	NTIS** AD441-640

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

XZ2830000 s-TRIAZINE-2,4,6-TRITHIOL
UPDT 8408 CAS: 638-16-4 MW: 177.27 MOLFM: C3-H3-N3-S3
SYN: CYANURIC ACID, TRITHIO- * 1,3,5-TRIAZINE-2,4,6-TRIMERCAPTAN * 2,4,6-TRIAZINETRITHIOL * 1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRITHIONE * 1,3,5-TRIMERCAPTOTRIAZINE * 2,4,6-TRIMERCAPTO-s-TRIAZINE * TRITHIOCYANURIC ACID * USAF TH-3

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:9500 mg/kg	FCTOD7 21,495,83
	ipr-mus LD50:200 mg/kg	NTIS** AD277-689
*	ivn-mus LD50:180 mg/kg	CSLNX* NX#03037

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1279-0325

2,4,6-TRIAZINETRITHIOL see: XZ2830000
1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRITHIONE see: XZ2830000
(s-TRIAZINE-2,4,6-TRIYLTRINITRILO)HEXAMETHANOL see: PC3700000
1,1',1''-s-TRIAZINE-2,4,6-TRIYLTRISAZIRIDINE see: XZ2100000
(s-TRIAZINE-2,4,6-TRIYLTRIS(OXYETHYLENE))TRIS(BENZYLDIETHYLAMMONIUM CHLORIDE) see: BS9258000

XZ2852000 as-TRIAZIN-3-OL, 5,6-DIPHENYL-
UPDT 8305 CAS: 34177-12-3 MW: 249.29 MOLFM: C15-H11-N3-O
SYN: 5,6-DIPHENYL-as-TRIAZIN-3-OL

TOXICITY DATA AND REFERENCES:

1C08	ipr-rat LD50:120 mg/kg	AIPTAK 95,123,53
*	ivn-mus LD50:100 mg/kg	CSLNX* NX#05146
*	ivn-rbt LDLo:175 mg/kg	AIPTAK 95,123,53

XZ2853000 as-TRIAZIN-5-OL, 3-MERCAPTO-6-METHYL-
UPDT 8305 CAS: 7338-83-2 MW: 143.18 MOLFM: C4-H5-N3-O-S
SYN: 3-MERCAPTO-6-METHYL-as-TRIAZIN-5-OL

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:800 mg/kg	AIPTAK 95,123,53

XZ2853500 as-TRIAZIN-5-OL, 3-MERCAPTO-6-PHENYL-
UPDT 8305 CAS: 16075-92-6 MW: 205.25 MOLFM: C9-H7-N3-O-S
SYN: 3-MERCAPTO-6-PHENYL-as-TRIAZIN-5-OL

TOXICITY DATA AND REFERENCES:

1F12	ipr-rat LD50:200 mg/kg	AIPTAK 95,123,53

XZ2854000 as-TRIAZIN-3-OL, 5-PHENYL-
UPDT 8305 CAS: 15969-27-4 MW: 173.19 MOLFM: C9-H7-N3-O
SYN: 5-PHENYL-as-TRIAZIN-3-OL

TOXICITY DATA AND REFERENCES:

1C06	ipr-rat LD50:200 mg/kg	AIPTAK 95,123,53

XZ2854400 s-TRIAZIN-3(2H)-ONE, 4-AMINO-1-beta-D-ARABINOFURANOSYL-
UPDT 8311 MW: 228.24 MOLFM: C8-H12-N4-O4
SYN: 4-AMINO-1-beta-D-ARABINOFURANOSYL-s-TRIAZIN-3(2H)-ONE * 1-beta-D-ARABINOFURANOSYL-5-AZACYTOSINE * NSC 281272

MUTATION DATA AND REFERENCES:

dni-mus-leu 2 umol/L	PAACA3 24,297,83

1,2,4-TRIAZIN-5(4H)-ONE, 4-AMINO-6-(1,1-DIMETHYLETHYL)-3-(METHYLTHIO)- see: XZ2990000

XZ2990000 as-TRIAZIN-5(4H)-ONE, 4-AMINO-6-tert-BUTYL-3-(METHYLTHIO)-
UPDT 8309 CAS: 21087-64-9 MW: 214.32 MOLFM: C8-H14-N4-O-S
SYN: 4-AMINO-6-tert-BUTYL-3-METHYLTHIO-as-TRIAZIN-5-ONE * 4-AMINO-6-tert-BUTYL-3-(METHYLTHIO)-1,2,4-TRIAZIN-5-ON * 4-AMINO-6-(1,1-DIMETHYLETHYL)-3-(METHYLTHIO)-1,2,4-TRIAZIN-5(4H)-ONE * BAY 61597 * BAY DIC 1468 * BAYER 6159H * BAYER 6443H * BAYER 94337 * DIC 1468 * LEXONE * METRIBUZIN * SENCOR * SENCORAL * SENCORER * SENCOREX * 1,2,4-TRIAZIN-5-ONE, 4-AMINO-6-tert-BUTYL-3-(METHYLTHIO)- * 1,2,4-TRIAZIN-5(4H)-ONE, 4-AMINO-6-(1,1-DIMETHYLETHYL)-3-(METHYLTHIO)-

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1100 mg/kg	FMCHA2 -,C156,83
	orl-mus LD50:698 mg/kg	28ZEAL 5,154,76
	orl-gpg LD50:250 mg/kg	85DPAN -,-,71/76

REVIEW AND REFERENCES:

★ TLV-TWA 5 mg/m3 DTLWS* 4,287,82

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

1,2,4-TRIAZIN-5-ONE, 4-AMINO-6-tert-BUTYL-3-(METHYLTHIO)- see: XZ2990000

XZ3012000 s-TRIAZIN-2(1H)-ONE, 4-AMINO-1-(2-DEOXY-beta-D-erythro-PENTOFURANOSYL)-
UPDT 8311 CAS: 2353-33-5 MW: 228.24 MOLFM: C8-H12-N4-O4
SYN: 4-AMINO-1-(2-DEOXY-beta-D-erythro-PENTOFURANOSYL)-s-TRIAZIN-2(1H)-ONE * 5-AZADEOXYCYTIDINE * 5-AZA-2'-DEOXYCYTIDINE * 1,3,5-TRIAZIN-2(1H)-ONE, 4-AMINO-1-(2-DEOXY-beta-D-erythro-PENTOFURANOSYL)- (9CI)

MUTATION DATA AND REFERENCES:

	dns-hmn:leu 5 umol/L/1H	CNREA8 42,519,82
	dns-mus:leu 5 umol/L/1H	CNREA8 42,519,82
	dni-ham:ovr 1 umol/L	BBACAQ 697,286,82

TOXICITY DATA AND REFERENCES:

3P14P17U01	ivn-mus LD50:22 mg/kg	DCTODJ 4,373,81

1,3,5-TRIAZIN-2(1H)-ONE, 4-AMINO-1-(2-DEOXY-beta-D-erythro-PENTOFURANOSYL)- (9CI) see: XZ3012000

XZ3015000 as-TRIAZIN-5(4H)-ONE, 4-AMINO-3-METHYL-6-PHENYL-
UPDT 8309 CAS: 41394-05-2 MW: 202.24 MOLFM: C10-H10-N4-O
SYN: 4-AMINO-3-METHYL-6-PHENYL-1,2,4-TRIAZIN-5(4H)-ONE * BAY DRW 1139 * DRW 1139 * GOLTIX * METAMITRON * METAMITRON (German) * 3-METHYL-4-AMINO-6-PHENYL-1,2,4-TRIAZIN(4H)-ON (German)

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1447 mg/kg	85ARAE 2,133,77
	orl-mus LD50:1450 mg/kg	85DPAN -,-,71/76

XZ3017500 s-TRIAZIN-2(1H)-ONE, 4-AMINO-1-beta-D-RIBOFURANOSYL-
UPDT 8412 CAS: 320-67-2 MW: 244.24 MOLFM: C8-H12-N4-O5
SYN: 4-AMINO-1-beta-D-RIBOFURANOSYL-s-TRIAZIN-2(1H)-ONE * ANTIBIOTIC U 18496 * AZACITIDINE * AZACYTIDINE * 5-AZACYTIDINE * 5-AZACYTIDINE * LADAKAMYCIN * MYLOSAR * NCI-C01569 * NSC-102816 * 1,3,5-TRIAZIN-2(1H)-ONE, 4-AMINO-1-beta-D-RIBOFURANOSYL- * U 18496

IRRITATION DATA AND REFERENCES:

	skn-rbt 45 mg/24H rns	TXCYAC 14,117,79

MUTATION DATA AND REFERENCES:

	mmo-sat 2 ug/plate	MUREAV 121,1,83
	mmo-omi 10 mg/L	VIRLAX 74,154,76
	mmo-omi 15 mg/L	JOVIAM 16,1000,75
	mmo-omi 5 mg/L	JOVIAM 2,1228,68
	mmo-omi 25 mg/L	JOVIAM 7,295,71
	oms-omi 25 gm/L	MGBUA3 30,9,69
	dnd-hmn:fbr 1 umol/L	PNASA6 79,2352,82
	dni-hmn:leu 3 umol/L	CNREA8 43,763,83
	dns-rat-ipr 50 umol/kg	CNREA8 36,37,76
	dns-rat-par 50 umol/kg	CBINA8 13,141,76
	dni-rat-par 50 umol/kg	CBINA8 13,141,76
	otr-mus:emb 250 ug/L	CNREA8 37,2202,77
	dns-mus-ipr 3 mg/kg	NEOLA4 20,243,73
	dni-mus-ipr 7143 ug/kg/3D-C	NEOLA4 12,3,65
	oms-mus-ipr 7143 ug/kg/3D-C	NEOLA4 12,3,65
	oms-mus-ipr 3 mg/kg	NEOLA4 20,243,73
	oms-mus:emb 10 umol/L	EXPEAM 30,1463,74
	cyt-mus-ipr 3 mg/kg	NEOLA4 20,243,73
	cyt-mus:emb 10 umol/L	EXPEAM 30,1463,74
	cyt-ham:emb 5 mg/L	CNREA8 37,2202,77
	sce-ham:ovr 10 umol/L	CHROAU 85,603,82
	sce-ham:fbr 2500 ug/L	CNREA8 39,797,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T34T35T41	ipr-rat TDLo:1 mg/kg (8D preg)	TJADAB 18,143,78
1T42	ipr-rat TDLo:1 mg/kg (8D preg)	TJADAB 18,143,78
1T25	ipr-mus TDLo:7500 ug/kg (4-8D preg)	EXPEAM 22,53,66
2T33T41	ipr-mus TDLo:1 mg/kg (7D preg)	TJADAB 30(1),9A,84
3T25T34T41	ipr-mus TDLo:2 mg/kg (10D preg)	ARTODN 55,143,84
3T43T46T59	ipr-mus TDLo:2 mg/kg (11D preg)	ARTODN 55,143,84
2T81T85	par-mus TDLo:500 ug/kg (12D preg)	TJADAB 19,327,79
1T86	par-mus TDLo:100 ug/kg (12D preg)	ANREAK 193,665,79
1T41	par-mus TDLo:500 ug/kg (12D preg)	NETOD7 1,129,79
1T81	unk-mus TDLo:500 ug/kg (12D preg)	TJADAB 17,43A,78
1T33	unk-mus TDLo:4 mg/kg (15D preg)	TJADAB 4,234,71

TUMORIGENIC DATA AND REFERENCES:

2V02J60	ipr-mus TDLo:33 mg/kg/8W-I	CNREA8 33,3069,73
2V02P62	ipr-mus TD :284 mg/kg/43W-I	NCITR* NCI-CG-TR-42,78

TOXICITY DATA AND REFERENCES:

2P14P15	ivn-wmn TDLo:6 mg/kg/10D-I	CCROBU 56,413,72
2K12K13	ivn-wmn TDLo:500 ug/kg	CCROBU 56,413,72
	orl-mus LD50:572 mg/kg	TXAPA9 19,382,71
*	ipr-mus LD50:68 mg/kg	EXPEAM 22,53,66
	ivn-dog LD50:7200 ug/kg	AVPCAQ 14,285,77

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 26,37,81

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED:RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-42,78)

★ NCI CARCINOGENESIS BIOASSAY COMPLETED:RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-42,78)

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,3,5-TRIAZIN-2(1H)-ONE, 4-AMINO-1-beta-D-RIBOFURANOSYL- see: XZ3017500

s-TRIAZIN-2(1H)-ONE, 5-CYCLOHEXYLTETRAHYDRO- see: XZ3019000

XZ3018600 1,3,5-TRIAZIN-2(1H)-ONE, 5,6-DIHYDRO-4-AMINO-1-beta-D-RIBOFURANOSYL-, MONOHYDROCHLORIDE
UPDT 8403 CAS: 62402-31-7 MW: 282.72 MOLFM: C8-H14-N4-O5.Cl-H
SYN: 5,6-DIHYDRO-4-AMINO-1-beta-D-RIBOFURANOSYL-1,3,5-TRIAZIN-2(1H)-ONE HYDROCHLORIDE * DIHYDRO-5-AZACYTIDINE HYDROCHLORIDE * 4-IMINO-1-beta-D-RIBOFURANOSYLTETRAHYDRO-2(1H)-TRIAZIN-2-ONE HYDROCHLORIDE * NSC-264880 * 2(1H)-s-TRIAZIN-2-ONE, TETRAHYDRO-4-IMINO-1-beta-D-RIBOFURANOSYL-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:2559 mg/kg	NTIS** PB82-195751

XZ3019000 s-TRIAZIN-2(1H)-ONE, TETRAHYDRO-5-CYCLOHEXYL-
UPDT 8307 CAS: 1910-88-9 MW: 183.29 MOLFM: C9-H17-N3-O
SYN: 5-CYCLOHEXYLTETRAHYDRO-s-TRIAZIN-2(1H)-ONE * s-TRIAZIN-2(1H)-ONE, 5-CYCLOHEXYLTETRAHYDRO-

MUTATION DATA AND REFERENCES:

	msc-rat:oth 10 umol/L	PNASA6 79,2967,82

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:180 mg/kg	CSLNX* NX#02878

2(1H)-s-TRIAZIN-2-ONE, TETRAHYDRO-4-IMINO-1-beta-D-RIBOFURANOSYL-, HYDROCHLORIDE see: XZ3018600

TRIAZIQUINONE see: DK7175000

TRIAZIQUONE see: DK7175000

TRIAZIRIDINOPHOSPHINE OXIDE see: SZ1750000

2,3,5-TRI-(1-AZIRIDINYL)-p-BENZOQUINONE see: DK7175000

TRIAZIRIDINYLPHOSPHINE OXIDE see: SZ1750000

TRI(1-AZIRIDINYL)PHOSPHINE OXIDE see: SZ1750000

TRIAZIRIDINYLPHOSPHINE SULFIDE see: SZ2975000

TRIAZIRIDINYL TRIAZINE see: XZ2100000

TRIAZOFOSZ (Hungarian) see: TF5635000

TRIAZOIC ACID see: MW2800000

TRIAZOLAM see: XZ5472500

TRIAZOLAMINE see: XZ3850000

1H-1,2,4-TRIAZOL-3-AMINE see: XZ3850000

1H-1,2,4-TRIAZOL-5-AMINE, N-ETHYL-3-(5-NITRO-2-FURYL)-N-NITROSO- see: XZ4910500

TRIAZOLBLAU 3BX see: QJ6475000

s-TRIAZOLE, 5-ACETAMIDO-1-METHYL-3-(5-NITRO-2-FURYL)- see: AC6200000

XZ3845000 s-TRIAZOLE, 5-(m-(ALLYLOXY)PHENYL)-3-(o-ETHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT 8401 CAS: 85681-50-1 MW: 341.87 MOLFM: C19-H19-N3-O.Cl-H
SYN: 5-(m-ALLYLOXYPHENYL)-3-(o-ETHYLPHENYL)-s-TRIAZOLE MONOHYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-ham TDLo:25 mg/kg (4-8D preg)	JMCMAR 26,1187,83
1T25	scu-ham TDLo:600 ug/kg (4-8D preg)	JMCMAR 26,1187,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ3846000 s-TRIAZOLE, 5-(m-(ALLYLOXY)PHENYL)-3-(o-TOLYL)-
UPDT 8401 CAS: 69095-81-4 MW: 291.38 MOLFM: C18-H17-N3-O
SYN: 5-(o-(ALLYLOXY)PHENYL)-3-(o-TOLYL)-s-TRIAZOLE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-ham TDLo:25 mg/kg (4-8D preg)	JMCMAR 26,1187,83
1T25	scu-ham TDLo:750 ug/kg (4-8D preg)	JMCMAR 26,1187,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ3850000 s-TRIAZOLE, 3-AMINO-
UPDT 8406 CAS: 61-82-5 MW: 84.10 MOLFM: C2-H4-N4
SYN: AMEROL * AMINOTRIAZOLE * 2-AMINOTRIAZOLE * 3-AMINOTRIAZOLE * 3-AMINO-s-TRIAZOLE * 3-AMINO-1,2,4-TRIAZOLE * 2-AMINO-1,3,4-TRIAZOLE * 3-AMINO-1H-1,2,4-TRIAZOLE * AMINOTRIAZOLE (PLANT REGULATOR) * AMINO TRIAZOLE WEEDKILLER 90 * AMINOTRIAZOL SPRITZPULVER * AMITOL * AMITRIL * AMITRIL T.L. * AMITROL * AMITROL 90 * AMITROLE * AMITROL-T * AMIZOL * AMIZOL D * AMIZOL DP NAU * AMIZOL F * AT * ATA * 3,A,T * AT 90 * AT LIQUID * AZAPLANT * AZAPLANT KOMBI * AZOLAN * AZOLE * CAMPAPRIM A 1544 * CYTROL * CYTROL AMITROLE-T * CYTROLE * DIUROL * DIUROL 5030 * DOMATOL * DOMATOL 88 * ELMASIL * EMISOL * EMISOL 50 * EMISOL F * ENT 25445 * FENAMINE * FENAVAR * HERBIDAL TOTAL * HERBIZOLE * KLEER-LOT * ORGA-414 * RADOXONE TL * RAMIZOL * RCRA WASTE NUMBER U011 * SIMAZOL * SOLUTION CONCENTREE T271 * TRIAZOLAMINE * 1H-1,2,4-TRIAZOL-3-AMINE * USAF XR-22 * VOROX * VOROX AA * VOROX AS * WEEDAR ADS * WEEDAR AT * WEEDAZIN * WEEDAZIN ARGINIT * WEEDAZOL * WEEDAZOL GP2 * WEEDAZOL SUPER * WEEDAZOL T * WEEDAZOL TL * WEEDEX GRANULAT * WEEDOCLOR * X-ALL LIQUID

MUTATION DATA AND REFERENCES:

	mma-sat 50 ug/plate	PMRSDJ 1,351,81
	mma-esc 50 ug/plate	PMRSDJ 1,351,81
	dnd-esc 10 umol/L	MUREAV 89,95,81
	pic-esc 15 gm/L	VIRLAX 99,257,79
	dnd-bcs 1 mg/disc	PMRSDJ 1,175,81
	dnr-smc 100 mg/L	PMRSDJ 1,502,81
	mrc-smc 300 mg/L	PMRSDJ 1,491,81
	sln-smc 50 mg/L	PMRSDJ 1,468,81
	sln-asn 400 mg/L	EVHPAZ 31,81,79
	otr-rat:emb 80 mg/L	JJIND8 67,1303,81
	hma-mus/sat 12 mg/kg	JJIND8 62,911,79
	otr-ham:emb 10 mg/L	TOLED5 7,211,81
	otr-ham:kdy 250 mg/L	PMRSDJ 1,638,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T52	orl-rat TDLo:700 ug/kg (22D preg)	ANREAK 145,284,63
1T34	orl-mus TDLo:2600 mg/kg (6-18D preg)	ARTODN 33,41,74
2T34T35	orl-mus TDLo:1935 mg/kg (6-14D preg)	NTIS** PB223-160
3T26T34T35	scu-mus TDLo:4176 mg/kg (6-14D preg)	NTIS** PB223-160

TUMORIGENIC DATA AND REFERENCES:

3V01N60N62	orl-rat TDLo:4595 mg/kg/2.5Y-C	TXAPA9 69,161,83
2V01L60	orl-mus TDLo:113 gm/kg/3W-I	JNCIAM 42,1101,69
2V02N62	orl-rat TD :3670 mg/kg/2Y-C	SCIEAS 132,296,60
2V01N62	orl-rat TD :122 gm/kg/70W-C	JNCIAM 57,861,76
2V01N62	orl-rat TD :105 gm/kg/60W-C	NMJOAA 23,83,78

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1100 mg/kg	RREVAH 10,97,65
	orl-mus LD50:14700 mg/kg	PCOC** -,33,66
	ipr-mus LD50:200 mg/kg	NTIS** AD277-689

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: DTTIAF 80(20),485,73; 85CVA2 5,250,70

★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 7,31,74

★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 7,31,74

★ TLV-SUSPECTED CARCINOGEN DTLVS* 4,15,80

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4H-1,2,4-TRIAZOLE, 3-AMINO-5-(4-PYRIDYL)- see: US2210000

XZ4065000 s-TRIAZOLE, 3-AMINO-, and SODIUM NITRITE (1:1)
UPDT 8303 MW: 153.10 MOLFM: C2-H4-N4.N-Na-O2
SYN: AMITROLE and SODIUM NITRITE (1:1) * SODIUM NITRITE and AMITROLE (1:1)

MUTATION DATA AND REFERENCES:

	hma-mus/sat 2900 umol/kg	CNREA8 37,4572,77

XZ4095000 1H-1,2,4-TRIAZOLE, 1-BENZYL-
UPDT 8406 CAS: 6085-94-5 MW: 159.21 MOLFM: C9-H9-N3
SYN: 1-BENZYL-1,2,4-TRIAZOLE * 1-BENZYL-1H-1,2,4-TRIAZOLE * U-22080

TOXICITY DATA AND REFERENCES:

2F02F07	orl-rat LD50:720 mg/kg	AIPTAK 121,443,59

XZ4120000 s-TRIAZOLE, 3,5-BIS(o-TOLYL)-
UPDT 8401 CAS: 85681-49-8 MW: 249.34 MOLFM: C16-H15-N3
SYN: 3,5-BIS(o-TOLYL)-s-TRIAZOLE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	scu-ham TDLo:3500 ug/kg (4-8D preg)	JMCMAR 26,1187,83

BEST COPY A

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
s-TRIAZOLE, 4-BUTYL- see: XZ4150000

XZ4150000 4H-1,2,4-TRIAZOLE, 4-BUTYL
UPDT:8309 CAS: 16227-10-4 MW: 125.20 MOLFM: C6-H11-N3
SYN: BT * BUTRIZOL * 4-n-BUTYL-4H-1,2,4-TRIAZOLE * DITHANE R-24 * INDAR * RH-124 * s-TRIAZOLE, 4-BUTYL-
TOXICITY DATA AND REFERENCES:
orl-rat LD50:50 mg/kg 85ARAE 4,94,76
* skn-rbt LD50:315 mg/kg FMCHA2 -,C131,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1H-1,2,4-TRIAZOLE, 1-((tert-BUTYLCARBONYL-4-CHLOROPHENOXY)METHYL)- see: EL7100000

XZ4175000 s-TRIAZOLE, 3-(o-BUTYLPHENYL)-5-(m-METHOXYPHENYL)-
UPDT:8401 CAS: 85303-89-5 MW: 307.43 MOLFM: C19-H21-N3-O
SYN: 3-(o-BUTYLPHENYL)-5-(m-METHOXYPHENYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:60 mg/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4176000 s-TRIAZOLE, 3-(o-BUTYLPHENYL)-5-PHENYL-
UPDT:8401 CAS: 85303-88-4 MW: 277.40 MOLFM: C18-H19-N3
SYN: 3-(o-BUTYLPHENYL)-5-PHENYL-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:85 mg/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4180000 1H-1,2,4-TRIAZOLE-1-CARBOXAMIDE, 3-tert-BUTYL-N,N-DIMETHYL-5-(METHYLTHIO)-
UPDT:8303 CAS: 64632-00-4 MW: 242.38 MOLFM: C10-H18-N4-O-S
SYN: 3-tert-BUTYL-N,N-DIMETHYL-5-(METHYLTHIO)-1H-1,2,4-TRIAZOLE-1-CARBOXAMIDE * 1-(DIMETHYLCARBAMOYL)-3-tert-BUTYL-5-(METHYLTHIO)-1H-1,2,4-TRIAZOLE * 1H-1,2,4-TRIAZOLE-1-CARBOXAMIDE, 3-(1,1-DIMETHYLETHYL)-N,N-DIMETHYL-5-(METHYLTHIO)-
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:15 mg/kg GWXXBX #2707821
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
1H-1,2,4-TRIAZOLE-1-CARBOXAMIDE, 3-(1,1-DIMETHYLETHYL)-N,N-DIMETHYL-5-(METHYLTHIO)- see: XZ4180000

XZ4250000 1,2,4-TRIAZOLE-3-CARBOXAMIDE, 1-beta-D-RIBOFURANOSYL-
UPDT:8403 CAS: 36791-04-5 MW: 244.24 MOLFM: C8-H12-N4-O5
SYN: ICN 1229 * RIBAVIRIN * 1-beta-D-RIBOFURANOSYL-1,2,4-TRIAZOLE-3-CARBOXAMIDE * RTCA * VIRAMID * VIRAZOLE
MUTATION DATA AND REFERENCES:
dni-mus:lym 100 umol/L CNREA8 37,736,77
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:25 mg/kg (9D preg) TJADAB 17,93,78
2T41T42 ipr-rat TDLo:37500 ug/kg (9D preg) TJADAB 17,93,78
2T25T46 ipr-mus TDLo:25 mg/kg (10D preg) TXAPA9 52,99,80
2T41T42 orl-ham TDLo:3750 ug/kg (8D preg) TJADAB 17,93,78
1T46 orl-ham TDLo:2500 ug/kg (8D preg) TJADAB 17,93,78
3T41T46T42 ipr-ham TDLo:2500 ug/kg (8D preg) EXMPA6 28,196,78
1T25 ipr-ham TDLo:5 mg/kg (8D preg) EXMPA6 28,196,78
3T41T42T46 ipr-ham TDLo:2500 ug/kg (8D preg) TJADAB 17,93,78
1T25 ipr-ham TDLo:5 mg/kg (7D preg) TJADAB 17,93,78
3T41T42T46 ivn-ham TDLo:5 mg/kg (8D preg) TJADAB 17,93,78
1T25 ivn-ham TDLo:5 mg/kg (8D preg) TJADAB 17,93,78
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5300 mg/kg JMCMAR 15,1150,72
ipr-mus LD50:1300 mg/kg JMCMAR 15,1150,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4501000 s-TRIAZOLE, 5-(m-CHLOROPHENYL)-3-(o-TOLYL)-
UPDT:8401 CAS: 69095-76-7 MW: 269.75 MOLFM: C15-H12-Cl-N3
SYN: 5-(m-CHLOROPHENYL)-3-(o-TOLYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:3 mg/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4502000 s-TRIAZOLE, 5-(o-CHLOROPHENYL)-3-(o-TOLYL)-
UPDT:8401 CAS: 69095-74-5 MW: 269.75 MOLFM: C15-H12-Cl-N3
SYN: 5-(o-CHLOROPHENYL)-3-(o-TOLYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:75 mg/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4503000 s-TRIAZOLE, 5-(p-CHLOROPHENYL)-3-(o-TOLYL)-
UPDT:8401 CAS: 69095-79-0 MW: 269.75 MOLFM: C15-H12-Cl-N3
SYN: 5-(p-CHLOROPHENYL)-3-(o-TOLYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:20 mg/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4504000 s-TRIAZOLE, 3-(4-CHLORO-o-TOLYL)-5-(m-METHOXYPHENYL)-
UPDT:8401 CAS: 75318-76-2 MW: 299.78 MOLFM: C16-H14-Cl-N3-O
SYN: 3-(4-CHLORO-o-TOLYL)-5-(m-METHOXYPHENYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-rat TDLo:2500 ug/kg (6-10D preg) JMCMAR 26,1187,83
1T25 orl-ham TDLo:25 mg/kg (4-8D preg) JMCMAR 26,1187,83
1T25 scu-ham TDLo:200 ug/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4505000 s-TRIAZOLE, 3-(5-CHLORO-o-TOLYL)-5-(m-METHOXYPHENYL)-
UPDT:8401 CAS: 85303-96-4 MW: 299.78 MOLFM: C16-H14-Cl-N3-O
SYN: 3-(5-CHLORO-o-TOLYL)-5-(m-METHOXYPHENYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:1750 ug/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4506000 s-TRIAZOLE, 3-(4-CHLORO-o-TOLYL)-5-PHENYL-
UPDT:8401 CAS: 85303-94-2 MW: 269.75 MOLFM: C15-H12-Cl-N3
SYN: 3-(4-CHLORO-2-METHYLPHENYL)-5-PHENYL-s-TRIAZOLE * 3-(4-CHLORO-o-TOLYL)-5-PHENYL-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-ham TDLo:20 mg/kg (4-8D preg) JMCMAR 26,1187,83
1T25 scu-ham TDLo:700 ug/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4507000 s-TRIAZOLE, 3-(5-CHLORO-o-TOLYL)-5-PHENYL-
UPDT:8401 CAS: 85303-95-3 MW: 269.75 MOLFM: C15-H12-Cl-N3
SYN: 3-(5-CHLORO-o-TOLYL)-5-PHENYL-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:6 mg/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4508000 s-TRIAZOLE, 3-(o-CUMENYL)-5-(m-METHOXYPHENYL)-
UPDT:8401 CAS: 69095-87-0 MW: 293.40 MOLFM: C18-H19-N3-O
SYN: 3-(o-CUMENYL)-5-(m-METHOXYPHENYL)-s-TRIAZOLE * 3-(o-ISOPROPYLPHENYL)-5-(m-METHOXYPHENYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:20 mg/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4509000 s-TRIAZOLE, 3-(o-CUMENYL)-5-PHENYL-
UPDT:8401 CAS: 69095-86-9 MW: 263.37 MOLFM: C17-H17-N3
SYN: 3-(o-CUMENYL)-5-PHENYL-s-TRIAZOLE * 3-(o-ISOPROPYLPHENYL)-5-PHENYL-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:50 mg/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4535000 s-TRIAZOLE, 3,5-DIAMINO-
UPDT:8412 CAS: 1455-77-2 MW: 99.12 MOLFM: C2-H5-N5
SYN: GUANAZOLE * NCI-C04819 * NSC 1895
MUTATION DATA AND REFERENCES:
oms-hmn:oth 500 ug/L CNREA8 32,2661,72
TUMORIGENIC DATA AND REFERENCES:
3V03N60R60 ipr-rat TDLo:2500 mg/kg/7W-I CANCAR 40(Suppl 4),1935,77
3V03J60P62 ipr-mus TDLo:9750 mg/kg/26W-I CANCAR 40(Suppl 4),1935,77
TOXICITY DATA AND REFERENCES:
2P14P17 ivn-hmn TDLo:8620 mg/kg/5D CCROBU 59,1117,75
STATUS:
★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS INDEFINITE:RAT (CANCAR 40(Suppl 4),1935,77)
★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS NEGATIVE:MOUSE (CANCAR 40(Suppl 4),1935,77)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4620000 1H-1,2,4-TRIAZOLE, 1-((2-(2,4-DICHLOROPHENYL)-4-PROPYL-1,3-DIOXOLAN-2-YL)METHYL)-
UPDT:8309 CAS: 60207-90-1 MW: 342.25 MOLFM: C15-H17-Cl2-N3-O2
SYN: CGA-64250 * CGD 92710F * DESMEL * 1-(2-(2,4-DICHLOROPHENYL)-4-PROPYL-1,3-DIOXOLAN-2-YLMETHYL)-1H-1,2,4-TRIAZOLE * PROCONAZOLE * PROPICONAZOLE * TILT
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1517 mg/kg FMCHA2 -,C236,83

XZ4750000 s-TRIAZOLE, 5-(3,4-DIMETHOXYPHENYL)-3-(o-ETHYLPHENYL)-
UPDT:8401 CAS: 85304-00-3 MW: 309.40 MOLFM: C18-H19-N3-O2
SYN: 5-(3,4-DIMETHOXYPHENYL)-3-(o-ETHYLPHENYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:250 ug/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4802000 s-TRIAZOLE, 3,5-DIPHENYL-
UPDT:8401 CAS: 2039-06-7 MW: 221.28 MOLFM: C14-H11-N3
SYN: 3,5-DIPHENYL-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:30 mg/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4803000 1H-1,2,4-TRIAZOLE, 3,5-DIPHENYL-
UPDT:8402 MW: 221.28 MOLFM: C14-H11-N3
SYN: 3,5-DIPHENYL-1H-1,2,4-TRIAZOLE * 3,5-DIPHENYL-1,2,4-TRIAZOLE * 3,5-DPT
TOXICITY DATA AND REFERENCES:
1J25 ipr-mus LD50:300 mg/kg JPMSAE 50,597,61
2F12J30 ivn-mus LD50:90 mg/kg JPMSAE 50,597,61

XZ4804000 1H-1,2,4-TRIAZOLE-1-ETHANOL, beta-((2,4-DICHLOROPHENYL)METHYL)-alpha-(1,1-DIMETHYLETHYL)-, (R*,R*)-(+-)-
UPDT:8309 CAS: 75736-33-3 MW: 328.27 MOLFM: C15-H19-Cl2-N3-O
SYN: 1-(2,4-DICHLOROPHENYL)-4,4-DIMETHYL-2-(1,2,4-TRIAZOL-1-YL)PENTAN-3-OL * DICLOBUTRAZOL * PP296 * VIGIL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4000 mg/kg FMCHA2 -,C253,83

XZ4850000 s-TRIAZOLE, 5-(m-ETHOXYPHENYL)-3-(o-ETHYLPHENYL)-
UPDT:8401 CAS: 85303-98-6 MW: 293.40 MOLFM: C18-H19-N3-O
SYN: 5-(m-ETHOXYPHENYL)-3-(o-ETHYLPHENYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-rat TDLo:1500 ug/kg (6-10D preg) JMCMAR 26,1187,83
1T25 orl-ham TDLo:20 mg/kg (4-8D preg) JMCMAR 26,1187,83
1T25 scu-ham TDLo:200 ug/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4870000 s-TRIAZOLE, 5-(m-ETHOXYPHENYL)-3-(o-TOLYL)-
UPDT:8401 CAS: 69095-80-3 MW: 279.37 MOLFM: C17-H17-N3-O
SYN: 5-(m-ETHOXYPHENYL)-3-(o-TOLYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-ham TDLo:25 mg/kg (4-8D preg) JMCMAR 26,1187,83
1T25 scu-ham TDLo:300 ug/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4910500 s-TRIAZOLE, 5-(N-ETHYL-N-NITROSO)AMINO-3-(5-NITRO-2-FURYL)-
UPDT:8310 CAS: 41735-29-9 MW: 252.22 MOLFM: C8-H8-N6-O4
SYN: ETHYLAMINE, N-(3-(5-NITRO-2-FURYL)-s-TRIAZOL-5-YL)-N-NITROSO- * 1H-1,2,4-TRIAZOL-5-AMINE, N-ETHYL-3-(5-NITRO-2-FURYL)-N-NITROSO-
TOXICITY DATA AND REFERENCES:
ipr-rat LD05:235 mg/kg JMCMAR 9,42,66
orl-mus LD50:440 mg/kg JMCMAR 16,312,73
ipr-mus LD50:150 mg/kg JMCMAR 16,312,73

XZ4911000 s-TRIAZOLE, 3-(o-ETHYLPHENYL)-5-(m-FLUOROPHENYL)-
UPDT:8401 CAS: 85303-83-9 MW: 267.33 MOLFM: C16-H14-F-N3
SYN: 3-(o-ETHYLPHENYL)-5-(m-FLUOROPHENYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:2 mg/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
s-TRIAZOLE, 3-(o-ETHYLPHENYL)-5-(m-METHOXYPHENYL)- see: XZ4912000

XZ4911900 s-TRIAZOLE, 3-(o-ETHYLPHENYL)-5-(p-METHOXYPHENYL)-
UPDT:8401 CAS: 85303-99-7 MW: 279.37 MOLFM: C17-H17-N3-O
SYN: 3-(o-ETHYLPHENYL)-5-(p-METHOXYPHENYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-ham TDLo:25 mg/kg (4-8D preg) JMCMAR 26,1187,83
1T25 scu-ham TDLo:750 ug/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4912000 1H-1,2,4-TRIAZOLE, 3-(2-ETHYLPHENYL)-5-(3-METHOXYPHENYL)-
UPDT:8412 CAS: 69095-83-6 MW: 279.37 MOLFM: C17-H17-N3-O
SYN: DL 111 * DL 111-IT * 3-(o-ETHYLPHENYL)-5-(m-METHOXYPHENYL)-s-TRIAZOLE * 3-(2-ETHYLPHENYL)-5-(3-METHOXYPHENYL)-1H-1,2,4-TRIAZOLE * 5-(2-ETHYLPHENYL)-3-(3-METHOXYPHENYL)-s-TRIAZOLE * 5-(2-ETHYLPHENYL)-3-(3-METHOXYPHENYL) 1H-1,2,4-TRIAZOLE * s-TRIAZOLE, 3-(o-ETHYLPHENYL)-5-(m-METHOXYPHENYL)-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-rat TDLo:125 mg/kg (6-10D preg) CCPTAY 23,163,81
1T25 orl-rat TDLo:125 mg/kg (6-10D preg) JMCMAR 26,1187,83
2T25T27 scu-rat TDLo:2500 ug/kg (6-10D preg) CCPTAY 23,163,81
1T34 scu-rat TDLo:12500 ug/kg (6-10D preg) CCPTAY 23,163,81
1T29 scu-rat TDLo:1250 ug/kg (6-10D preg) 45JVAR -,344,80
1T29 ims-rat TDLo:50 mg/kg (7D preg) CCPTAY 23,163,81
1T29 ivg-rat TDLo:40 mg/kg (6-10D preg) CCPTAY 23,163,81
1T29 orl-mus TDLo:62500 ug/kg (4-8D preg) CCPTAY 23,163,81
1T29 scu-mus TDLo:1500 ug/kg (4-8D preg) 45JVAR -,344,80
1T29 orl-dog TDLo:70 mg/kg (18-24D preg) CCPTAY 23,163,81
1T29 ivg-dog TDLo:17500 ug/kg (18-24D preg) 45JVAR -,344,80
1T29 ims-dog TDLo:750 ug/kg (19-23D preg) CCPTAY 23,163,81
1T29 ivg-dog TDLo:17500 ug/kg (18-24D preg) CCPTAY 23,163,81
1T27 ims-mky TDLo:10 mg/kg (53-56D preg) 45JVAR -,344,80
1T25 orl-ham TDLo:20 mg/kg (4-8D preg) JMCMAR 26,1187,83
1T29 orl-ham TDLo:20 mg/kg (4-8D preg) CCPTAY 23,163,81
1T25 scu-ham TDLo:125 ug/kg (4-8D preg) CCPTAY 23,163,81
2T26T27 scu-ham TDLo:250 ug/kg (4D preg) 45JVAR -,344,80
2T29T34 scu-ham TDLo:1500 ug/kg (5D preg) CCPTAY 23,163,81
1T29 ivg-ham TDLo:2100 ug/kg (4-6D preg) CCPTAY 23,163,81
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1180 mg/kg 45JVAR -,344,80
* scu-rat LD50:3190 mg/kg DRFUD4 7,875,82
* ims-rat LD50:2000 mg/kg DRFUD4 7,875,82
* ipr-mus LD50:650 mg/kg 45JVAR -,344,80
* scu-mus LD50:3910 mg/kg DRFUD4 7,875,82
* scu-ham LD50:2000 mg/kg DRFUD4 7,875,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4915100 s-TRIAZOLE, 3-(o-ETHYLPHENYL)-5-PHENYL-
UPDT:8401 CAS: 69095-88-1 MW: 249.34 MOLFM: C16-H15-N3
SYN: 3-(o-ETHYLPHENYL)-5-PHENYL-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-ham TDLo:25 mg/kg (4-8D preg) JMCMAR 26,1187,83
1T25 scu-ham TDLo:750 ug/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4915200 s-TRIAZOLE, 3-(o-ETHYLPHENYL)-5-PIPERONYL-
UPDT:8401 CAS: 85303-87-3 MW: 293.35 MOLFM: C17-H15-N3-O2
SYN: 3-(o-ETHYLPHENYL)-5-PIPERONYL-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:100 mg/kg (6-10D preg) JMCMAR 26,1187,83
1T25 scu-rat TDLo:3 mg/kg (6-10D preg) JMCMAR 26,1187,83
1T25 orl-ham TDLo:15 mg/kg (4-8D preg) JMCMAR 26,1187,83
1T25 scu-ham TDLo:150 ug/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4915300 s-TRIAZOLE, 3-(o-ETHYLPHENYL)-5-(2,3-XYLYL)-
UPDT:8401 CAS: 85303-84-0 MW: 277.40 MOLFM: C18-H19-N3
SYN: 3-(o-ETHYLPHENYL)-5-(2,3-XYLYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:10 mg/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4916000 s-TRIAZOLE, 5-(p-FLUOROPHENYL)-3-(o-TOLYL)-
UPDT:8401 CAS: 69095-78-9 MW: 253.30 MOLFM: C15-H12-F-N3
SYN: 5-(p-FLUOROPHENYL)-3-(o-TOLYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:17500 ug/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4928000 1H-1,2,4-TRIAZOLE-1-METHANOL, 5-(BENZYLSULFONYL)-
UPDT:8303 CAS: 32550-64-4 MW: 253.30 MOLFM: C10-H11-N3-O3-S
SYN: 5-(BENZYLSULFONYL)-1H-1,2,4-TRIAZOLE-1-METHANOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:400 mg/kg PCJOAU 5,473,71

XZ4928100 1H-1,2,4-TRIAZOLE-1-METHANOL, 5-(BENZYLTHIO)-
UPDT:8303 CAS: 32550-66-6 MW: 221.30 MOLFM: C10-H11-N3-O-S
SYN: 5-(BENZYLTHIO)-1H-1,2,4-TRIAZOLE-1-METHANOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:400 mg/kg PCJOAU 5,473,71

XZ4929050 s-TRIAZOLE, 5-(m-METHOXYPHENYL)-3-(m-TOLYL)-
UPDT:8401 CAS: 85681-45-4 MW: 265.34 MOLFM: C16-H15-N3-O
SYN: 5-(m-METHOXYPHENYL)-3-(m-TOLYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:75 mg/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4929100 s-TRIAZOLE, 5-(m-METHOXYPHENYL)-3-(o-TOLYL)-
UPDT:8412 CAS: 69095-72-3 MW: 265.34 MOLFM: C16-H15-N3-O
SYN: 5-(m-METHOXYPHENYL)-3-(o-TOLYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:5 mg/kg (1-5D preg) JAPRAN 23,295,82
1T29 scu-dog TDLo:10 mg/kg (20D preg) JAPRAN 23,295,82
1T25 orl-ham TDLo:25 mg/kg (4-8D preg) JMCMAR 26,1187,83
1T25 scu-ham TDLo:400 ug/kg (4-8D preg) JMCMAR 26,1187,83
1T29 scu-ham TDLo:400 ug/kg (1-5D preg) JAPRAN 23,295,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4929150 s-TRIAZOLE, 5-(m-METHOXYPHENYL)-3-(p-TOLYL)-
UPDT:8401 CAS: 85681-46-5 MW: 265.34 MOLFM: C16-H15-N3-O
SYN: 5-(m-METHOXYPHENYL)-3-(p-TOLYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:35 mg/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4929200 s-TRIAZOLE, 5-(o-METHOXYPHENYL)-3-(o-TOLYL)-
UPDT:8401 CAS: 69095-75-6 MW: 265.34 MOLFM: C16-H15-N3-O
SYN: 5-(o-METHOXYPHENYL)-3-(o-TOLYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:2500 ug/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4929250 s-TRIAZOLE, 5-(m-METHOXYPHENYL)-3-(2,4-XYLYL)-
UPDT:8401 CAS: 85303-91-9 MW: 279.37 MOLFM: C17-H17-N3-O
SYN: 5-(m-METHOXYPHENYL)-3-(2,4-XYLYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-rat TDLo:3 mg/kg (6-10D preg) JMCMAR 26,1187,83
1T25 orl-ham TDLo:50 mg/kg (4-8D preg) JMCMAR 26,1187,83
1T25 scu-ham TDLo:200 ug/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4929300 s-TRIAZOLE, 5-(m-METHOXYPHENYL)-3-(2,5-XYLYL)-
UPDT:8401 CAS: 85303-93-1 MW: 279.37 MOLFM: C17-H17-N3-O
SYN: 5-(m-METHOXYPHENYL)-3-(2,5-XYLYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:12500 ug/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4929350 s-TRIAZOLE, 3-(4-METHOXY-o-TOLYL)-5-(m-METHOXYPHENYL)-
UPDT:8401 CAS: 75318-83-1 MW: 295.37 MOLFM: C17-H17-N3-O2
SYN: 3-(4-METHOXY-2-METHYLPHENYL)-5-(m-METHOXYPHENYL)-s-TRIAZOLE * 3-(4-METHOXY-o-TOLYL)-5-(m-METHOXYPHENYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:1 mg/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ4929400 s-TRIAZOLE, 3-(5-METHOXY-o-TOLYL)-5-(m-METHOXYPHENYL)-
UPDT:8401 CAS: 85681-48-7 MW: 295.37 MOLFM: C17-H17-N3-O2
SYN: 3-(5-METHOXY-2-METHYLPHENYL)-5-(m-METHOXYPHENYL)-s-TRIAZOLE * 3-(5-METHOXY-o-TOLYL)-5-(m-METHOXYPHENYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:5 mg/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4H-1,2,4-TRIAZOLE, 3-METHYLTHIO-5-(4-PYRIDYL)- see: UT6240000

XZ4980000 4H-1,2,4-TRIAZOLE, 3-(5-NITRO-2-FURYL)-
UPDT:8401 CAS: 5019-55-6 MW: 180.14 MOLFM: C6-H4-N4-O3
SYN: 3-(5-NITRO-2-FURYL)-4H-1,2,4-TRIAZOLE
MUTATION DATA AND REFERENCES:
mmo-esc 50 ug/plate MUREAV 26,3,74
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

XZ5075000 1,2,4-TRIAZOLE, 1-PHENYL-
UPDT:8406 CAS: 13423-60-4 MW: 145.18 MOLFM: C8-H7-N3
TOXICITY DATA AND REFERENCES:
2F02F07 orl-rat LD50:674 mg/kg AIPTAK 121,443,59
ivn-rat LD50:155 mg/kg JAPMA8 47,778,58
ivn-mus LD50:261 mg/kg JAPMA8 47,778,58

XZ5252000 s-TRIAZOLE, 5-PHENYL-3-(o-TOLYL)-
UPDT:8401 CAS: 60510-57-8 MW: 235.31 MOLFM: C15-H13-N3
SYN: 5-PHENYL-3-(o-TOLYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:250 mg/kg (6-10D preg) JMCMAR 26,1187,83
1T25 scu-rat TDLo:10 mg/kg (6-10D preg) JMCMAR 26,1187,83
1T25 orl-ham TDLo:50 mg/kg (4-8D preg) JMCMAR 26,1187,83
1T25 scu-ham TDLo:1500 ug/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ5253000 s-TRIAZOLE, 5-PHENYL-3-(2,4-XYLYL)-
UPDT:8401 CAS: 85303-90-8 MW: 249.34 MOLFM: C16-H15-N3
SYN: 5-PHENYL-3-(2,4-XYLYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:1 mg/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ5350000 4H-1,2,4-TRIAZOLE-3-THIOL, 4-METHYL-5-PHENYL-
UPDT:8309 CAS: 38942-51-7 MW: 191.27 MOLFM: C9-H9-N3-S
SYN: 2,4-DIHYDRO-4-METHYL-5-PHENYL-3H-1,2,4-TRIAZOLE-3-THIONE * ENT 25,558-X * G-32465 * GEIGY G-32465 * 3H-1,2,4-TRIAZOLE-3-THIONE, 2,4-DIHYDRO-4-METHYL-5-PHENYL
TOXICITY DATA AND REFERENCES:
orl-mus LD50:3000 mg/kg ARSIM* 20,10,66

XZ5359100 3H-1,2,4-TRIAZOLE-3-THIONE, 1,2-DIHYDRO-5-(MERCAPTOMETHYL)-
UPDT:8404 MW: 147.23 MOLFM: C3-H5-N3-S2
SYN: 1,2-DIHYDRO-5-(MERCAPTOMETHYL)-3H-1,2,4-TRIAZOLE-3-THIONE
TOXICITY DATA AND REFERENCES:
2A11F07 ipr-mus LD50:509 mg/kg RPTOAN 43,213,80

3H-1,2,4-TRIAZOLE-3-THIONE, 2,4-DIHYDRO-4-METHYL-5-PHENYL- see: XZ5350000

XZ5360000 s-TRIAZOLE, 3-(o-TOLYL)-5-(m-TOLYL)-
UPDT:8401 CAS: 65697-87-2 MW: 249.34 MOLFM: C16-H15-N3
SYN: 3-(o-TOLYL)-5-(m-TOLYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:20 mg/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ5360100 s-TRIAZOLE, 3-(o-TOLYL)-5-(p-TOLYL)-
UPDT:8401 CAS: 65697-89-4 MW: 249.34 MOLFM: C16-H15-N3
SYN: 3-(o-TOLYL)-5-(p-TOLYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:100 mg/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ5360800 s-TRIAZOLE, 3-(o-TOLYL)-5-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-
UPDT:8401 CAS: 69095-77-8 MW: 303.31 MOLFM: C16-H12-F3-N3
SYN: 3-(o-TOLYL)-5-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-s-TRIAZOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-ham TDLo:3 mg/kg (4-8D preg) JMCMAR 26,1187,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TRIAZOL FAST SCARLET 3B see: QJ6476000
1,2,4-TRIAZOLIDINE-3,5-DIONE, 4-CYCLOHEXYL-2-PHENYL- see: DT4393300
1,2,4-TRIAZOLIDINE-3,5-DIONE, 1,4-DIETHYL-2-PHENYL- see: DT4393400
1,2,4-TRIAZOLIDINE-3,5-DIONE, 1-ETHYL-4-METHYL-2-PHENYL- see: DT4393500
1,2,4-TRIAZOLIDINE-3,5-DIONE, 4-ETHYL-2-PHENYL- see: DT4393600
1,2,4-TRIAZOLIDINE-3,5-DIONE, 1-HEXYL-2-PHENYL- see: DT4393700
1,2,4-TRIAZOLIDINE-3,5-DIONE, 4-(2-HYDROXYETHYL)-2-PHENYL-3-PROPYL- see: DT4393800
1,2,4-TRIAZOLIDINE-3,5-DIONE, 4-(HYDROXYMETHYL)-1-ISOPROPYL-2-PHENYL- see: DT4393900
1,2,4-TRIAZOLIDINE-3,5-DIONE, 1-(alpha-METHYLBENZYL)-2-PHENYL- see: DT4394100
1,2,4-TRIAZOLIDINE-3,5-DIONE, 1-(alpha-METHYLPHENETHYL)-2-METHYL- see: DT4394200
1,2,4-TRIAZOLIDINE-3,5-DIONE, 1-PHENETHYL-2-PHENYL- see: DT4394300
1,3,5-TRIAZOLIDINEDIONE, 1-PHENYL-2-(3-PHENYLPROPYL)- see: DT4394400

XZ5467000 delta(sup 2)-1,2,4-TRIAZOLINE-5-THIONE, 1,4-BIS(HYDROXYMETHYL)-
UPDT:8303 CAS: 32550-67-7 MW: 161.20 MOLFM: C4-H7-N3-O2-S
SYN: 1,4-DIHYDROXYMETHYL-delta(sup 2)-1,2,4-TRIAZOLINE-5-THIONE
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LDLo:800 mg/kg PCJOAU 5,473,71

XZ5468000 delta(sup 2)-1,2,4-TRIAZOLINE-5-THIONE, 1-(HYDROXYMETHYL)-4-PHENYL-
UPDT:8303 CAS: 2416-79-7 MW: 207.27 MOLFM: C9-H9-N3-O-S
SYN: 2-HYDROXYMETHYL-4-PHENYL-1,2,4-TRIAZOLINE-3-THIONE * 1-(HYDROXYMETHYL)-4-PHENYL-delta(sup 2)-1,2,4-TRIAZOLINE-5-THIONE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg PCJOAU 5,473,71

XZ5469000 delta(sup 2)-1,2,4-TRIAZOLINE-5-THIONE, 3-(1-MERCAPTOETHYL)-
UPDT:8303 CAS: 25366-56-7 MW: 161.26 MOLFM: C4-H7-N3-S2
SYN: 3-(1-MERCAPTOETHYL)-delta(sup 2)-1,2,4-TRIAZOLINE-5-THIONE
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:260 mg/kg PCJOAU 5,650,71

XZ5469200 delta(sup 2)-1,2,4-TRIAZOLINE-5-THIONE, 3-(MERCAPTOMETHYL)-
UPDT:8404 CAS: 23969-17-7 MW: 147.23 MOLFM: C3-H5-N3-S2
SYN: 3-(MERCAPTOMETHYL)-delta(sup 2)-1,2,4-TRIAZOLINE-5-THIONE
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:260 mg/kg PCJOAU 5,650,71

XZ5469400 delta(sup 2)-1,2,4-TRIAZOLINE-5-THIONE, 3-(1-MERCAPTOPROPYL)-
UPDT:8303 CAS: 25366-57-8 MW: 175.29 MOLFM: C5-H9-N3-S2
SYN: 3-(1-MERCAPTOPROPYL)-delta(sup 2)-1,2,4-TRIAZOLINE-5-THIONE
TOXICITY DATA AND REFERENCES:
* ipr-rat LDLo:416 mg/kg PCJOAU 5,650,71

XZ5470600 1H-1,2,4-TRIAZOLIUM, 3,5-DIPHENYL-1-METHYL-4-(PHENYLAMINO)-, CHLORIDE
UPDT:8402 CAS: 52143-28-9 MW: 363.90 MOLFM: C21-H19-N4 Cl-H
SYN: 3,5-DIPHENYL-2-METHYL-4-AMINOPHENYL-1,2,4-TRIAZOLINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
2A11F07 ipr-mus LD50:75 mg/kg RPTOAN 43,213,80

XZ5472000 1,2,3-TRIAZOLO(4,5-d)(2)BENZAZEPINE, 2,4-DIHYDRO-6-(o-CHLOROPHENYL)-
UPDT:8306 CAS: 78131-57-4 MW: 294.76 MOLFM: C16-H11-Cl-N4
SYN: 6-(2-CHLOROPHENYL)-2H,4H-(1,2,3)TRIAZOLO(4,5-d)(2)BENZAZEPINE * 2,4-DIHYDRO-6-(2-CHLOROPHENYL)-1,2,3-TRIAZOLO(4,5-d)(2)BENZAZEPINE
TOXICITY DATA AND REFERENCES:
1F02 orl-mus LD50:900 mg/kg JMCMAR 26,367,83

XZ5472100 1,2,3-TRIAZOLO(4,5-d)(2)BENZAZEPINE, 2,4-DIHYDRO-6-PHENYL-
UPDT:8306 CAS: 78131-59-6 MW: 260.32 MOLFM: C16-H12-N4
SYN: 2,4-DIHYDRO-6-PHENYL-1,2,3-TRIAZOLO(4,5-d)(2)BENZAZEPINE * 6-PHENYL-2H,4H-(1,2,3)TRIAZOLO(4,5-d)(2)BENZAZEPINE
TOXICITY DATA AND REFERENCES:
1F02 orl-mus LD50:775 mg/kg JMCMAR 26,367,83

XZ5472500 4H-s-TRIAZOLO(4,3-a)(1,4)BENZODIAZEPINE, 8-CHLORO-6-(o-CHLOROPHENYL)-1-METHYL-
UPDT:8309 CAS: 28911-01-5 MW: 343.23 MOLFM: C17-H12-Cl2-N4
SYN: 8-CHLORO-6-(o-CHLOROPHENYL)-1-METHYL-4H-s-TRIAZOLO(4,3-a)(1,4)BENZODIAZEPINE * HALCION * 4H-(1,2,4)TRIAZOLO(4,3-a)(1,4)BENZODIAZEPINE, 8-CHLORO-6-(2-CHLOROPHENYL)-1-METHYL- * TRIAZOLAM * U-33,030
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T75T76 orl-rat TDLo:8100 mg/kg (17-22D preg/21D post) IYKEDH 10,52,79
1T81 orl-rat TDLo:810 mg/kg (17-22D preg/21D post) IYKEDH 10,52,79
1T46 orl-rat TDLo:3300 mg/kg (7-17D preg) IYKEDH 10,52,79
2T24T34 orl-rbt TDLo:39 mg/kg (6-18D preg) IYKEDH 10,52,79
TOXICITY DATA AND REFERENCES:
3A10F04F08 orl-hmn TDLo:7 ug/kg JCPCBR 14,102,74
* ipr-mus LD50:1625 mg/kg IYKEDH 14,484,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

4H-(1,2,4)TRIAZOLO(4,3-a)(1,4)BENZODIAZEPINE, 8-CHLORO-6-(2-CHLOROPHENYL)-1-METHYL- see XZ5472500

XZ5473500 4H-s-TRIAZOLO(4,3-a)(1,4)BENZODIAZEPINE, 8-CHLORO-6-PHENYL-
UPDT:8403 CAS: 29975-16-4 MW: 294.76 MOLFM: C16-H11-Cl-N4
SYN: 8-CHLORO-6-PHENYL-4H-s-TRIAZOLO(4,3-a)(1,4)BENZODIAZEPINE * 8-CHLORO-6-PHENYL-4H-(1,2,4)TRIAZOLO-(4,3-a)(1,4)BENZODIAZEPINE * D-40TA * ESILGAN * ESTAZOLAM * EURODIN * JULODIN * NUCTALON * 4H-(1,2,4)TRIAZOLO(4,3-a)(1,4-BENZODIAZEPINE, 8-CHLORO-6-PHENYL- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2500 mg/kg NIIRDN 6,103,82
* ipr-rat LD50:339 mg/kg IYKEDH 6,530,75
* scu-rat LD50:3580 mg/kg IYKEDH 6,530,75
* ims-rat LD50:868 mg/kg IYKEDH 6,530,75
* orl-mus LD50:615 mg/kg IYKEDH 6,530,75
3F07F19F25 ipr-mus LD50:438 mg/kg JJPAAZ 21,497,71
* scu-mus LD50:3170 mg/kg IYKEDH 6,530,75
* ims-mus LD50:593 mg/kg IYKEDH 6,530,75
orl-rbt LD50:390 mg/kg 85ESA3 9,485,76

4H-(1,2,4)TRIAZOLO(4,3-a)(1,4-BENZODIAZEPINE, 8-CHLORO-6-PHENYL- (9CI) see XZ5473500

XZ5475000 s-TRIAZOLO(3,4-b)BENZOTHIAZOLE, 5-METHYL-
UPDT:8309 CAS: 41814-78-2 MW: 189.25 MOLFM: C9-H7-N3-S
SYN: BEAM * BIM * EL 291 * 5-METHYL-1,2,4-TRIAZOLE(3,4-b)BENZOTHIAZOLE * TRICYCLAZOLE * TRICYCLAZONE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:250 mg/kg 85ARAE 4,120,76
* orl-mus LD50:250 mg/kg FMCHA2 -,C243,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ5478050 5H-s-TRIAZOLO(5,1-a)ISOINDOLE, 2-(4-BIPHENYLYL)-
UPDT:8406 CAS: 75318-65-9 MW: 309.39 MOLFM: C21-H15-N3
SYN: 2-(4-BIPHENYLYL)-5H-s-TRIAZOLO(5,1-a)ISOINDOLE * L 14085 * 5H-(1,2,4)TRIAZOLO(5,1-a)ISOINDOLE, 2-(1,1'-BIPHENYL)-4-YL- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-ham TDLo:25 mg/kg (4-8D preg) JOPHDQ 5,55,82
1T25 scu-ham TDLo:3500 ug/kg (4-8D preg) JOPHDQ 5,55,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

5H-(1,2,4)TRIAZOLO(5,1-a)ISOINDOLE, 2-(1,1'-BIPHENYL)-4-YL- (9CI) see XZ5478050

XZ5478060 5H-s-TRIAZOLO(5,1-a)ISOINDOLE, 2-(p-CHLOROPHENYL)-
UPDT:8406 CAS: 57312-03-5 MW: 267.73 MOLFM: C15-H10-Cl-N3
SYN: 2-(p-CHLOROPHENYL)-5H-TRIAZOLO(5,1-a)ISOINDOLE * L 10495 * 5H-(1,2,4)TRIAZOLO(5,1-a)ISOINDOLE, 2-(4-CHLOROPHENYL)- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-ham TDLo:100 mg/kg (4-8D preg) JOPHDQ 5,55,82
1T25 scu-ham TDLo:5 mg/kg (4-8D preg) JOPHDQ 5,55,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

5H-(1,2,4)TRIAZOLO(5,1-a)ISOINDOLE, 2-(4-CHLOROPHENYL)- (9CI) see XZ5478060

XZ5478070 5H-s-TRIAZOLO(5,1-a)ISOINDOLE, 2-(m-ETHOXYPHENYL)-
UPDT:8406 CAS: 57312-08-0 MW: 277.35 MOLFM: C17-H15-N3-O
SYN: 2-(m-ETHOXYPHENYL)-5H-s-TRIAZOLO(5,1-a)ISOINDOLE * L 11215 * 5H-(1,2,4)TRIAZOLO(5,1-a)ISOINDOLE, 2-(3-ETHOXYPHENYL)- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-ham TDLo:150 mg/kg (4-8D preg) JOPHDQ 5,55,82
1T25 scu-ham TDLo:1900 ug/kg (4-8D preg) JOPHDQ 5,55,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

5H-(1,2,4)TRIAZOLO(5,1-a)ISOINDOLE, 2-(3-ETHOXYPHENYL)- (9CI) see XZ5478070

XZ5478090 5H-s-TRIAZOLO(5,1-a)ISOINDOLE, 8-METHOXY-2-(m-METHOXYPHENYL)-
UPDT:8412 MW: 293.35 MOLFM: C17-H15-N3-O2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:10 mg/kg (1-5D preg) JAPRAN 23,295,82
1T29 scu-dog TDLo:6 mg/kg (20D preg) JAPRAN 23,295,82
1T29 scu-ham TDLo:200 ug/kg (1-5D preg) JAPRAN 23,295,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ5478100 5H-(1,2,4)TRIAZOLO(5,1-a)ISOINDOLE, 2-(3-METHOXYPHENYL)-
UPDT:8403 CAS: 57170-08-8 MW: 263.32 MOLFM: C16-H13-N3-O
SYN: L 10492 * 2-(3-METHOXYPHENYL)-5H-s-TRIAZOLO(5,1-a)ISOINDOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-rat TDLo:12500 ug/kg (6-10D preg) NATUAS 256,130,75
1T27 scu-rat TDLo:50 mg/kg (7D preg) NATUAS 256,130,75
1T25 scu-dog TDLo:25 mg/kg (20D preg) AJVRAH 37,263,76
1T25 scu-ham TDLo:2500 ug/kg (4-8D preg) NATUAS 256,130,75
1T27 scu-ham TDLo:12500 ug/kg (5D preg) NATUAS 256,130,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ5478180 5H-s-TRIAZOLO(5,1-a)ISOINDOLE, 2-PHENYL-
UPDT:8406 CAS: 57312-00-2 MW: 233.29 MOLFM: C15-H11-N3
SYN: L 10488 * 2-PHENYL-5H-TRIAZOLO(5,1-a)ISOINDOLE * 5H-(1,2,4)TRIAZOLO(5,1-a)ISOINDOLE, 2-PHENYL- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-ham TDLo:50 mg/kg (4-8D preg) JOPHDQ 5,55,82
1T25 scu-ham TDLo:17500 ug/kg (4-8D preg) JOPHDQ 5,55,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

5H-(1,2,4)TRIAZOLO(5,1-a)ISOINDOLE, 2-PHENYL- (9CI) see XZ5478180

XZ5478200 5H-s-TRIAZOLO(5,1-a)ISOINDOLE, 2-PHENYL-
UPDT:8403 MW: 233.29 MOLFM: C15-H11-N3
SYN: 2-PHENYL-5H-1,2,4-TRIAZOLO(5,1-a)ISOINDOLE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-rat TDLo:9 mg/kg (6-10D preg) EJMCA5 17,223,82
1T29 scu-rat TDLo:9 mg/kg (6-10D preg) ARZNAD 33,1222,83
1T25 scu-ham TDLo:17500 ug/kg (4-8D preg) EJMCA5 17,223,82
1T29 scu-ham TDLo:17500 ug/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ5478300 s-TRIAZOLO(5,1-a)ISOQUINOLINE, 2-(4-BIPHENYLYL)-
UPDT:8407 CAS: 75318-62-6 MW: 3[illegible].40 MOLFM: C22-H15-N3
SYN: 2-(1,1'-BIPHENYL-4-YL)-s-TRIAZOLE(5,1-a)ISOQUINOLINE * 2-(4-BIPHENYLYL)-s-TRIAZOLO(5,1-a)ISOQUINOLINE * L 14105 * (1,2,4)TRIAZOLO(5,1-a)ISOQUINOLINE, 2-(1,1'-BIPHENYL)-4-YL- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:2500 ug/kg (6-10D preg) ARZNAD 33,1222,83
1T25 orl-ham TDLo:1 mg/kg (4-8D preg) JOPHDQ 5,55,82
1T29 scu-ham TDLo:75 ug/kg (4-8D preg) ARZNAD 33,1222,83
1T25 scu-ham TDLo:80 ug/kg (4-8D preg) JOPHDQ 5,55,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(1,2,4)TRIAZOLO(5,1-a)ISOQUINOLINE, 2-(1,1'-BIPHENYL)-4-YL-(9CI) see XZ5478300

(1,2,4)TRIAZOLO(5,1-a)ISOQUINOLINE, 2-(1,1'-BIPHENYL)-4-YL-5,6-DIHYDRO- (9CI) see XZ5478450

XZ5478400 s-TRIAZOLO(5,1-a)ISOQUINOLINE, 2-(p-CHLOROPHENYL)-
UPDT:8412 CAS: 66535-86-7 MW: 279.74 MOLFM: C16-H10-Cl-N3
SYN: 2-(p-CHLOROPHENYL)-s-TRIAZOLO(5,1-a)ISOQUINOLINE * L 12717 * (1,2,4)TRIAZOLO(5,1-a)ISOQUINOLINE, 2-(4-CHLOROPHENYL)- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:5 mg/kg (6-10D preg) ARZNAD 33,1222,83
1T29 scu-dog TDLo:500 ug/kg (20D preg) JAPRAN 23,295,82
1T25 orl-ham TDLo:40 mg/kg (4-8D preg) JOPHDQ 5,55,82
1T29 scu-ham TDLo:100 ug/kg (1-5D preg) JAPRAN 23,295,82
1T25 scu-ham TDLo:125 ug/kg (4-8D preg) JOPHDQ 5,55,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(1,2,4)TRIAZOLO(5,1-a)ISOQUINOLINE, 2-(4-CHLOROPHENYL)- (9CI) see XZ5478400

(1,2,4)TRIAZOLO(5,1-a)ISOQUINOLINE, 2-(4-CHLOROPHENYL)-5,6-DIHYDRO- (9CI) see XZ5478460

XZ5478450 s-TRIAZOLO(5,1-a)ISOQUINOLINE, 5,6-DIHYDRO-2-(4-BIPHENYLYL)-
UPDT:8406 CAS: 75318-64-8 MW: 323.42 MOLFM: C22-H17-N3
SYN: 2-(4-BIPHENYLYL)-5,6-DIHYDRO-s-TRIAZOLO(5,1-a)ISOQUINOLINE * L 13891 * (1,2,4)TRIAZOLO(5,1-a)ISOQUINOLINE, 2-(1,1'-BIPHENYL)-4-YL-5,6-DIHYDRO- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-ham TDLo:2500 ug/kg (4-8D preg) JOPHDQ 5,55,82
1T25 scu-ham TDLo:250 ug/kg (4-8D preg) JOPHDQ 5,55,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ5478460 s-TRIAZOLO(5,1-a)ISOQUINOLINE, 5,6-DIHYDRO-2-(p-CHLOROPHENYL)-
UPDT:8406 CAS: 55308-60-6 MW: 281.76 MOLFM: C16-H12-Cl-N3
SYN: 2-(p-CHLOROPHENYL)-5,6-DIHYDRO-s-TRIAZOLO(5,1-a)ISOQUINOLINE * L 10506 * (1,2,4)TRIAZOLO(5,1-a)ISOQUINOLINE, 2-(4-CHLOROPHENYL)-5,6-DIHYDRO- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-ham TDLo:12500 ug/kg (4-8D preg) JOPHDQ 5,55,82
1T25 scu-ham TDLo:325 ug/kg (4-8D preg) JOPHDQ 5,55,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ5478470 1,2,4-TRIAZOLO(3,4-a)ISOQUINOLINE, 5,6-DIHYDRO-8,9-DIMETHOXY-
UPDT:8406 CAS: 35515-48-1 MW: 231.28 MOLFM: C12-H13-N3-O2
SYN: 5,6-DIHYDRO-8,9-DIMETHOXY-1,2,4-TRIAZOLO(3,4-a)ISOQUINOLINE * 8,9-DIMETHOXY-3,4-DIHYDRO(1,2,4)TRIAZOLO(3,4-a)ISOQUINOLINE
TOXICITY DATA AND REFERENCES:
3F05F11F23 ipr-mus LD50:285 mg/kg PCJOAU 15,324,81

s-TRIAZOLO(5,1-a)ISOQUINOLINE, 5,6-DIHYDRO-2-(m-METHOXYPHENYL)- see XZ5478600

XZ5478550 s-TRIAZOLO(5,1-a)ISOQUINOLINE, 5,6-DIHYDRO-2-(p-METHOXYPHENYL)-
UPDT:8403 MW: 277.35 MOLFM: C17-H15-N3-O
SYN: 2-(p-METHOXYPHENYL)-5,6-DIHYDRO-s-TRIAZOLO(5,1-a)ISOQUINOLINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-rat TDLo:100 mg/kg (6-10D preg) ARZNAD 33,1222,83
1T29 scu-ham TDLo:42500 ug/kg (4-8D preg) ARZNAD 33,1222,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ5478600 (1,2,4)TRIAZOLO(5,1-a)ISOQUINOLINE, 5,6-DIHYDRO-2-(3-METHOXYPHENYL)-
UPDT:8403 CAS: 55308-37-7 MW: 277.35 MOLFM: C17-H15-N3-O
SYN: L 10503 * 2-(m-METHOXYPHENYL)-5,6-DIHYDRO-s-TRIAZOLO(5,1-a)ISOQUINOLINE * 2-(3-METHOXYPHENYL)-5,6-DIHYDRO-s-TRIAZOLO(5,1-a)ISOQUINOLINE * s-TRIAZOLO(5,1-a)ISOQUINOLINE, 5,6-DIHYDRO-2-(m-METHOXYPHENYL)-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 scu-rat TDLo:35 mg/kg (6-10D preg) EJMCA5 17,223,82

1T31	scu-rat TDLo:100 mg/kg (9D preg)	JSTBBK 8,395,77
1T27	scu-rat TDLo:50 mg/kg (7D preg)	NATUAS 256,130,75
1T29	scu-rat TDLo:35 mg/kg (6-10D preg)	ARZNAD 33,1222,83
1T25	scu-dog TDLo:12500 ug/kg (20D preg)	AJVRAH 37,263,76
1T34	scu-dog TDLo:25 mg/kg (17D preg)	AJVRAH 37,263,76
1T27	scu-dog TDLo:100 mg/kg (45D preg)	AJVRAH 37,263,76
1T25	scu-ham TDLo:550 ug/kg (4-8D preg)	EJMCA5 17,223,82
1T27	scu-ham TDLo:1560 ug/kg (5D preg)	NATUAS 256,130,75
1T29	scu-ham TDLo:550 ug/kg (4-8D preg)	ARZNAD 33,1222,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(1,2,4)TRIAZOLO(5,1-a)ISOQUINOLINE, 5,6-DIHYDRO-2-PHENYL- (9CI) see: XZ5478700

XZ5478700 s-TRIAZOLO(5,1-a)ISOQUINOLINE, 5,6-DIHYDRO-2-PHENYL-
UPDT:8406 CAS: 55308-57-1 MW: 247.32 MOLFM: C16-H13-N3
SYN: L 10499 * 2-PHENYL-5,6-DIHYDRO-s-TRIAZOLO(5,1-a)ISOQUINOLINE * (1,2,4)TRIAZOLO(5,1-a)ISOQUINOLINE, 5,6-DIHYDRO-2-PHENYL- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	scu-rat TDLo:80 mg/kg (6-10D preg)	EJMCA5 17,223,82
1T29	scu-rat TDLo:80 mg/kg (6-10D preg)	ARZNAD 33,1222,83
1T25	orl-ham TDLo:500 mg/kg (4-8D preg)	JOPHDQ 5,55,82
1T25	scu-ham TDLo:5 mg/kg (4-8D preg)	EJMCA5 17,223,82
1T29	scu-ham TDLo:5 mg/kg (4-8D preg)	ARZNAD 33,1222,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ5478750 s-TRIAZOLO(5,1-a)ISOQUINOLINE, 5,6-DIHYDRO-2-p-TOLYL-
UPDT:8403 MW: 261.35 MOLFM: C17-H15-N3
SYN: 2-p-TOLYL-5,6-DIHYDRO-s-TRIAZOLO(5,1-a)ISOQUINOLINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:100 mg/kg (6-10D preg)	ARZNAD 33,1222,83
1T29	scu-ham TDLo:10 mg/kg (4-8D preg)	ARZNAD 33,1222,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ5478770 s-TRIAZOLO(5,1-a)ISOQUINOLINE, 2-(m-ETHOXYPHENYL)-
UPDT:8407 MW: 289.36 MOLFM: C18-H15-N3-O
SYN: 2-(m-ETHOXYPHENYL)-s-TRIAZOLO(5,1-a)ISOQUINOLINE * L 13542 * (1,2,4)TRIAZOLO(5,1-a)ISOQUINOLINE, 2-(3-ETHOXYPHENYL)-5,6-DIHYDRO- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	orl-ham TDLo:100 mg/kg (4-8D preg)	JOPHDQ 5,55,82
1T25	scu-ham TDLo:625 ug/kg (4-8D preg)	JOPHDQ 5,55,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ5478800 (1,2,4)TRIAZOLO(5,1-a)ISOQUINOLINE, 2-(3-ETHOXYPHENYL)-5,6-DIHYDRO-
UPDT:8406 CAS: 55308-64-0 MW: 291.38 MOLFM: C18-H17-N3-O
SYN: DL 204-IT * 2-(3-ETHOXYPHENYL)-5,6-DIHYDRO-s-TRIAZOLO(5,1-a)ISOQUINOLINE * L 11204

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T26	orl-rat TDLo:500 mg/kg (6-10D preg)	ARZNAD 31,2104,81
1T26	scu-rat TDLo:12500 ug/kg (7D preg)	ARZNAD 30,972,80
2T19U01	scu-rat TDLo:50 mg/kg (7D preg)	ARZNAD 30,972,80
1T31	scu-rat TDLo:50 mg/kg (9D preg)	JSTBBK 8,395,77
1T26	ims-rat TDLo:25 mg/kg (7D preg)	ARZNAD 30,972,80
1T25	scu-dog TDLo:6250 ug/kg (20D preg)	ARZNAD 32,123,82
1T27	ims-dog TDLo:15 mg/kg (26D preg)	ARZNAD 32,123,82
1T25	ims-dog TDLo:10 mg/kg (18D preg)	ARZNAD 32,123,82
1T27	orl-ham TDLo:500 mg/kg (4-8D preg)	ARZNAD 31,2104,81
1T26	orl-ham TDLo:125 mg/kg (4-8D preg)	ARZNAD 31,2104,81
1T25	orl-ham TDLo:325 mg/kg (4-8D preg)	JOPHDQ 5,55,82
2T26T27	scu-ham TDLo:625 ug/kg (4-8D preg)	ARZNAD 30,972,80
2T19U01	scu-ham TDLo:2 mg/kg (5D preg)	ARZNAD 30,972,80
1T25	scu-ham TDLo:450 ug/kg (4-8D preg)	JOPHDQ 5,55,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(1,2,4)TRIAZOLO(5,1-a)ISOQUINOLINE, 2-(3-ETHOXYPHENYL)-5,6-DIHYDRO- (9CI) see: XZ5478770

XZ5479150 s-TRIAZOLO(5,1-a)ISOQUINOLINE, 2-(p-FLUOROPHENYL)-
UPDT:8403 MW: 266.32 MOLFM: C16-H13-F-N3
SYN: 2-(p-FLUOROPHENYL)-s-TRIAZOLO(5,1-a)ISOQUINOLINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T29	scu-rat TDLo:7500 ug/kg (6-10D preg)	ARZNAD 33,1222,83
1T29	scu-ham TDLo:200 ug/kg (4-8D preg)	ARZNAD 33,1222,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ5479200 s-TRIAZOLO(5,1-a)ISOQUINOLINE, 2-(m-METHOXYPHENYL)-
UPDT:8403 MW: 275.33 MOLFM: C17-H13-N3-O
SYN: 2-(m-METHOXYPHENYL)-s-TRIAZOLO(5,1-a)ISOQUINOLINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	scu-rat TDLo:15 mg/kg (6-10D preg)	EJMCA5 17,223,82
1T29	scu-rat TDLo:15 mg/kg (6-10D preg)	ARZNAD 33,1222,83
1T25	scu-ham TDLo:500 ug/kg (4-8D preg)	EJMCA5 17,223,82
1T29	scu-ham TDLo:500 ug/kg (4-8D preg)	ARZNAD 33,1222,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ5479400 s-TRIAZOLO(5,1-a)ISOQUINOLINE, 2-PHENYL-
UPDT:8406 CAS: 35257-18-2 MW: 245.30 MOLFM: C16-H11-N3
SYN: L 11373 * 2-PHENYL-s-TRIAZOLO(5,1-a)ISOQUINOLINE * (1,2,4)TRIAZOLO(5,1-a)ISOQUINOLINE, 2-PHENYL- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T25	scu-rat TDLo:12500 ug/kg (6-10D preg)	EJMCA5 17,223,82
1T29	scu-rat TDLo:12500 ug/kg (6-8D preg)	ARZNAD 33,1222,83
1T25	orl-ham TDLo:200 mg/kg (4-8D preg)	JOPHDQ 5,55,82
1T25	scu-ham TDLo:1250 ug/kg (4-8D preg)	EJMCA5 17,223,82
1T29	scu-ham TDLo:1250 ug/kg (4-8D preg)	ARZNAD 33,1222,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(1,2,4)TRIAZOLO(5,1-a)ISOQUINOLINE, 2-PHENYL- (9CI) see: XZ5479400

XZ5483200 3H-1,2,4-TRIAZOL-3-ONE, 1,2-DIHYDRO-5-(MERCAPTOMETHYL)-
UPDT:8402 CAS: 23968-85-6 MW: 131.17 MOLFM: C3-H5-N3-O-S
SYN: 1,2-DIHYDRO-5-(MERCAPTOMETHYL)-3H-1,2,4-TRIAZOL-3-ONE

TOXICITY DATA AND REFERENCES:

2A11F07	ipr-mus LD50:636 mg/kg	RPTOAN 43,213,80

XZ5483500 s-TRIAZOLO(4,3-b)PYRIDAZINE, 3-DIMETHYLAMINO-6-METHYL-
UPDT:8305 MW: 177.24 MOLFM: C8-H11-N5
SYN: 3-DIMETHYLAMINO-6-METHYL-s-TRIAZOLO(4,3-b)PYRIDAZINE * 184 P

TOXICITY DATA AND REFERENCES:

2J25P30	scu-mus LDLo:55900 ug/kg	AIPTAK 121,154,59
2J25P30	ivn-mus LDLo:21600 ug/kg	AIPTAK 121,154,59

XZ5493000 s-TRIAZOLO(4,3-b)PYRIDAZINE, 6-METHYL-8-METHYLAMINO-
UPDT:8305 MW: 163.21 MOLFM: C7-H9-N5
SYN: COMPOSE 134 P (French) * METHYL-6-METHYL-AMINO-8-s-TRIAZOLO(4-3b)PYRIDAZINE (French) * 6-METHYL-8-METHYLAMINO-s-TRIAZOLO(4,3-b)PYRIDAZINE * 134 P

TOXICITY DATA AND REFERENCES:

2J25P30	orl-rat LDLo:75 mg/kg	AIPTAK 121,154,59
2J25P30	orl-mus LDLo:54 mg/kg	AIPTAK 121,154,59
2J25P30	scu-mus LDLo:65 mg/kg	AIPTAK 121,154,59
2J25P30	ivn-mus LDLo:40 mg/kg	AIPTAK 121,154,59
2J25P30	ivn-rbt LDLo:70 mg/kg	AIPTAK 121,154,59

XZ5700000 s-TRIAZOLO(1,5-a)PYRIMIDIN-7-AMINE, N,N-DIETHYL-5-METHYL-
UPDT:8403 CAS: 15421-84-8 MW: 205.30 MOLFM: N5-C10-H15
SYN: AR 12008 * 7-DIETHYLAMINO-5-METHYL-s-TRIAZOLO(1,5-a)PYRIMIDINE * N,N-DIETHYL-5-METHYL-(1,2,4)TRIAZOLO(1,5-a)PYRIMIDINE-7-AMINE * ROCORNAL * TRAPIDIL * TRAPYMIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T25T35T53	orl-rat TDLo:420 mg/kg (8-14D preg)	IYKEDH 6,418,75
1T76	orl-rat TDLo:420 mg/kg (8-14D preg)	IYKEDH 6,418,75
1T03	orl-rat TDLo:43680 mg/kg (26W male)	IYKEDH 7,170,76
2T46T53	orl-mus TDLo:420 mg/kg (7-13D preg)	IYKEDH 6,418,75
1T81	orl-mus TDLo:240 mg/kg (7-13D preg)	IYKEDH 6,418,75
2T73T86	orl-mus TDLo:504 mg/kg (15-21D preg/21D post)	IYKEDH 7,187,76
1T24	orl-mus TDLo:480 mg/kg (1-8D preg)	IYKEDH 7,187,76
1T46	orl-rbt TDLo:390 mg/kg (6-18D preg)	IYKEDH 7,195,76

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:235 mg/kg	MEIEDD 10,1369,83
*	ipr-rat LD50:100 mg/kg	MEIEDD 10,1369,83
*	scu-rat LD50:100 mg/kg	MEIEDD 10,1369,83
*	ivn-rat LD50:76 mg/kg	MEIEDD 10,1369,83
*	orl-mus LD50:380 mg/kg	MEIEDD 10,1369,83
*	ipr-mus LD50:155 mg/kg	MEIEDD 10,1369,83
*	scu-mus LD50:132 mg/kg	MEIEDD 10,1369,83
*	ivn-mus LD50:101 mg/kg	IYKEDH 10,232,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ5960000 3H-o-TRIAZOLO(4,5-d)PYRIMIDINE-5,7(4H-6H)-DIONE, 4-HYDROXY-
UPDT:8401 CAS: 42028-33-1 MW: 169.12 MOLFM: C4-H3-N5-O3
SYN: 3-HYDROXY-8-AZAXANTHINE * 4-HYDROXY-3H-o-TRIAZOLO(4,5-d)PYRIMIDINE-5,7(4H-6H)-DIONE

TUMORIGENIC DATA AND REFERENCES:

2V03V10	scu-rat TDLo:237 mg/kg/22W-I	CNREA8 33,1113,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

v-TRIAZOLO(4,5-d)PYRIMIDIN-7-OL, 5-AMINO- see: XZ6157000

XZ6135500 s-TRIAZOLO(4,3-c)PYRIMIDIN-5-OL, 7-METHYL-
UPDT:8307 MW: 150.16 MOLFM: C6-H6-N4-O
SYN: 5-HYDROXY-7-METHYL-s-TRIAZOLO(4,3-c)PYRIMIDINE * 5-IDROSSI-7-METIL-s-TRIAZOLO(4,3-c)PIRIMIDINA (Italian)

TOXICITY DATA AND REFERENCES:

1F07	orl-mus LD50:414 mg/kg	AIPTAK 124,375,60
1F07	ivn-mus LD50:414 mg/kg	AIPTAK 124,375,60

XZ6157000 7H-v-TRIAZOLO(4,5-d)PYRIMIDIN-7-ONE, 5-AMINO-1,6-DIHYDRO-
UPDT:8412 CAS: 134-58-7 MW: 152.14 MOLFM: C4-H4-N6-O
SYN: 8-AG * 5-AMINO-1,6-DIHYDRO-7H-v-TRIAZOLO(4,5-d)PYRIMIDIN-7-ONE * 5-AMINO-1,4-DIHYDRO-7H-1,2,3-TRIAZOLO(4,5-d)PYRIMIDIN-7-ONE * 5-AMINO-7-HYDROXY-1H-v-TRIAZOLO(d)PYRIMIDINE * 5-AMINO-1H-v-TRIAZOLO(d)PYRIMIDIN-7-OL * AZAGUANINE * 8-AZAGUANINE * AZAN * 8-28 * GUANAZOL * GUANAZOLO * NSC-749 * PATHOCIDIN * PATHOCIDINE * SF-337 * v-TRIAZOLO(4,5-d)PYRIMIDIN-7-OL, 5-AMINO-

MUTATION DATA AND REFERENCES:

	mmo-esc 150 mg/L	CSHSAZ 16,337,52
	mmo-nsc 20 ug/disc	CENTAE 57,189,67
	dni-mus:lym 66 umol/L	CJBIAE 62,280,84
	dni-mus:leu 1 umol/L	AEZRA2 20,351,82
	oms-mus:leu 1 umol/L	AEZRA2 20,351,82
	msc-mus:lym 4800 nmol/L/4H	MUREAV 33,399,75
	cyt-ham:fbr 100 pmol/L	MUREAV 88,241,81
	msc-ham:lng 30 mg/L	MUREAV 80,165,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01	ipr-rat TDLo:50 mg/kg (1D male)	HIKYAJ 12,1339,66
1T25	ipr-mus TDLo:80 mg/kg (7D preg)	JEEMAF 6,593,58
2T46T43	ipr-mus TDLo:80 mg/kg (8D preg)	JEEMAF 6,593,58

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:1000 mg/kg	ADTEAS 3,181,68
*	ipr-mus LD50:100 mg/kg	85GDA2 5,193,81
*	unk-mus LD10:90 mg/kg	PMDCAY 7,69,70

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75; CRTXB2 2,159,73

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XZ6158300 4H-s-TRIAZOLO(3,4-c)THIENO(2,3-e)(1,4)-DIAZEPINE, 6-(o-CHLOROPHENYL)-8-ETHYL-1-METHYL-
UPDT:8406 CAS: 40054-69-1 MW: 342.87 MOLFM: C17-H15-Cl-N4-S
SYN: AHR 3219 * 6-(o-CHLOROPHENYL)-8-ETHYL-1-METHYL-4H-s-TRIAZOLO(3,4-c)THIENO(2,3-e)(1,4)-DIAZEPINE * 6-(o-CHLORPHENYL)-8-AETHYL-1-METHYL-4H-s-TRIAZOLO(3,4-c)THIENO(2,3-e)(1,4)DIAZEPIN (German) * ETIZOLAM * 6H-THIENO(3,2-f)(1,2,4)TRIAZOLO(4,3-a)(1,4)DIAZEPINE, 4-(2-CHLOROPHENYL)-2-ETHYL-9-METHYL- * Y-7131

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	orl-rat TDLo:9100 mg/kg (26W pre)	OYYAA2 16,1021,78
2T34T46	orl-rat TDLo:1100 mg/kg (7-17D preg)	OYYAA2 17,763,79
1T75	orl-rat TDLo:55 mg/kg (7-17D preg)	OYYAA2 17,763,79
1T86	orl-rat TDLo:135 mg/kg (17-22D preg/21D post)	OYYAA2 17,787,79
3T75T81T85	orl-rat TDLo:135 mg/kg (17-22D preg/21D post)	OYYAA2 17,787,79
2T34T41	orl-mus TDLo:3 gm/kg (7-12D preg)	OYYAA2 17,763,79
1T46	orl-mus TDLo:1500 mg/kg (7-12D preg)	OYYAA2 17,763,79
1T46	orl-rbt TDLo:13 mg/kg (6-18D preg)	OYYAA2 17,763,79

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:3509 mg/kg	ARZNAD 28,1158,78
*	ipr-rat LD50:825 mg/kg	OYYAA2 16,1021,78
*	orl-mus LD50:4258 mg/kg	OYYAA2 16,1021,78
*	ipr-mus LD50:783 mg/kg	OYYAA2 16,1021,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

(1H-1,2,4-TRIAZOLYL)TRICYCLOHEXYLSTANNANE see: WH8637700
(1H-1,2,4-TRIAZOL-1-YL)TRIPHENYLSTANNANE see: WH8638000
TRIAZOPHOS see: TF5635000
TRIAZOTION (Russian) see: TD8400000
TRIAZURE see: XY8577000
TRIB see: WP0700000
TRIBAC see: DH7700000
TRI-BAN see: NK6300000
TRIBASIC SODIUM PHOSPHATE see: TC9490000
TRIBENZO(a,e,i)PYRENE see: HP5600000
(1,2,4,5,7,8)-TRIBENZOPYRENE see: HP5600000
(1,2,4,5,8,9)-TRIBENZOPYRENE see: HP5600000
o-TOLUENE-1-AZO-2-NAPHTHYLAMINE see: QM5400000

1,2:4,5:8,9-TRIBENZOPYRENE see: HP5600000
TRIBONATE see: FF8950000
TRIBROMETHANOL see: KM3675000
TRIBROMMETHAAN (Dutch) see: PB5600000
TRIBROMMETHAN (German) see: PB5600000
TRIBROMOALUMINUM see: BD0350000
TRIBROMOARSINE see: CG1375000
TRIBROMOETHANOL see: KM3500000
2,2,2-TRIBROMOETHANOL see: KM3675000
TRIBROMOETHYL ALCOHOL see: KM3500000
TRIBROMOETHYL ALCOHOL see: KM3675000
2,2,2-TRIBROMOETHYL ALCOHOL see: KM3675000
1,3,7-TRIBROMO-2-FLUORENAMINE see: LL5650000
2,4,5-TRIBROMOIMIDAZOLE CADMIUM SALT (2:1) see: NI8665000
TRIBROMOMETAN (Italian) see: PB5600000
TRIBROMOMETHANE see: PB5600000
2,5,6-TRIBROMO-1-METHYLGRAMINE see: NL7706000
TRIBROMOPHENOL see: SN1225000
2,4,6-TRIBROMOPHENOL see: SN1225000
(6-(2,4,6-TRIBROMOPHENOXY)HEXYL)DIMETHYL(5-NITRO-2-FURFURYL)AMMONIUM BROMIDE see: BQ2503000
1-(2,4,6-TRIBROMOPHENYL)-3,3-DIMETHYLTRIAZENE see: XY2370000
TRIBROMOPHOSPHINE see: TH4460000
TRIBROMOSTIBINE see: CC4400000
3,4',5-TRIBROMOSALICYLANILIDE see: VN8925000
TRIBROMOTRIMETHYLDIALUMINUM see: BD1810000
TRIBROMSALAN see: VN8925000
TRIBROMSALAN-DIBROMSALAN mixt. see: CV3459020
TRIBUFON see: ET0175000

XZ9460000 TRIBULUS CISTOIDES L., leaf and stem extract
DEF:Jamaican plant belonging to the family ZYGOPHYLLACEAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:40 gm/kg JPPMAB 14,556,62

TRIBURON see: BQ8343000
TRIBURON CHLORIDE see: BQ8343000
TRIBUTILFOSFATO (Italian) see: TC7700000
TRIBUTO. see: AG6825000
TRIBUTON see: AJ8400000
TRI(2-BUTOXYETHANOL)PHOSPHATE see: KJ9800000
TRIBUTOXYETHYL PHOSPHATE see: KJ9800000
TRI(2-BUTOXYETHYL) PHOSPHATE see: KJ9800000
TRIBUTYLALUMINUM see: BD1820000
TRI-n-BUTYLALUMINUM see: BD1820000

YA0350000 TRIBUTYLAMINE
UPDT:8312 CAS: 102-82-9 MW: 185.40 MOLFM: C12-H27-N
SYN: TRI-n-BUTYLAMINE * TRIBUTYLAMINE (DOT) * TRIS-n-BUTYLAMINE * UN 2542 (DOT)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:540 mg/kg TXAPA9 28,313,74
* ihl-rat LCLo:75 ppm/4H TXAPA9 28,313.74
scu-rat LDLo:380 mg/kg JPETAB 20,435,23
* orl-mus LD50:114 mg/kg GISAAA 42(12),36,77
* orl-rbt LD50:615 mg/kg GISAAA 42(12),36,77
* skn-rbt LD50:250 mg/kg TXAPA9 28,313,74
* orl-gpg LD50:350 mg/kg GISAAA 42(12),36,77
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHREAY 9,389,31
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TRI-n-BUTYLAMINE see: YA0350000
TRIBUTYLAMINE (DOT) see: YA0350000
TRIBUTYL CELLOSOLVE PHOSPHATE see: KJ9800000
TRIBUTYL ((5-CHLORO-2-THIENYL)METHYL)PHOSPHONIUM CHLORIDE see: TA1900000
TRIBUTYL(2,4-DICHLOROBENZYL)PHOSPHONIUM CHLORIDE see: TA2975000
TRI-n-BUTYL-2,4-DICHLOROPHENOXYTIN see: WH7260000
TRIBUTYLE (PHOSPHATE DE) (French) see: TC7700000
TRIBUTYLFOSFAAT (Dutch) see: TC7700000
TRIBUTYL(GLYCOLOYLOXY)TIN see: WH8278000
TRIBUTYLISOCYANATOSTANNANE see: WH8583500
TRIBUTYL(METHACRYLOXY)STANNANE see: WH8692000
TRIBUTYL(METHACRYLOYLOXY)STANNANE see: WH8692000
TRIBUTYL((2-METHYL-1-OXO-2-PROPENYL)OXY)STANNANE see: WH8692000
TRIBUTYL(OLEOYLOXY)TIN see: WH8700000
(Z)-TRIBUTYL-((1-OXO-9-OCTADECENYL)OXY)STANNANE see: WH8700000
TRIBUTYLPHOSPHAT (German) see: TC7700000
(TRIBUTYL)PEROXIDE see: ER2450000 t-BUTYL PEROXIDE
TRIBUTYL PHOSPHATE see: TC7700000
TRI-n-BUTYL PHOSPHATE see: TC7700000
TRIBUTYL PHOSPHITE see: TH0875000
S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE see: TG5425000
TRIBUTYL PHOSPHOROTRITHIOITE see: TG5600000
S,S,S-TRIBUTYL PHOSPHOROTRITHIOITE see: TG5600000
TRI-n-BUTYLPLUMBYL ACETATE see: TP3921500
TRIBUTYL(8-QUINOLINOLATO)TIN see: WH8598000
TRIBUTYLSTANNANE see: WH8675000
TRIBUTYLSTANNANECARBONITRILE see: WH6792000
TRIBUTYLSTANNANE FLUORIDE see: WH8275000
TRIBUTYLSTANNIC HYDRIDE see: WH8675000
TRIBUTYLSTANNYL ISOCYANATE see: WH8583500
TRIBUTYLSTANNYL METHACRYLATE see: WH8692000
3-(TRIBUTYLSTANNYL)-1-PROPANETHIOL ACETATE see: TZ7750000
TRIBUTYLTIN see: WH8675000
TRIBUTYLTIN p-ACETAMIDOBENZOATE see: WH5670000
TRIBUTYLTIN ACETATE see: WH5775000
TRIBUTYLTIN BENZOATE see: WH6710000
TRI-n-BUTYLTIN BROMIDE see: WH6735000
TRIBUTYLTIN CHLORIDE COMPLEX see: XQ4150000
TRIBUTYLTIN CHLOROACETATE see: WH6795000
TRIBUTYLTIN gamma-CHLOROBUTYRATE see: WH6797000
TRIBUTYLTIN CYANATE see: WH6871000
TRI-n-BUTYLTIN CYANIDE see: WH6792000
TRIBUTYLTIN CYCLOHEXANECARBOXYLATE see: WH6873000
TRIBUTYLTIN S,S'-DIBUTYLDITHIOCARBAMATE see: WH7138000
TRIBUTYLTIN DIMETHYLDITHIOCARBAMATE see: WH7526800
TRIBUTYLTIN 2-ETHYLHEXANOATE see: WH8255000
TRIBUTYLTIN FLUORIDE see: WH8275000
TRIBUTYLTIN HYDRIDE see: WH8675000
TRI-n-BUTYLTIN HYDRIDE see: WH8675000
TRIBUTYLTIN HYDROXIDE see: WH8310000
TRI-n-BUTYL TIN IODIDE see: WH8580000
TRIBUTYLTIN IODOACETATE see: WH8576000
TRIBUTYLTIN o-IODOBENZOATE see: WH8578000
TRIBUTYLTIN p-IODOBENZOATE see: WH8578200
TRIBUTYLTIN beta-IODOPROPIONATE see: WH8579200
TRIBUTYLTIN ISOCYANATE see: WH8583500
TRI-n-BUTYLTIN ISOCYANATE see: WH8583500
TRIBUTYLTIN ISOOCTYLTHIOACETATE see: WH8635000
TRIBUTYLTIN ISOPROPYLSUCCINATE see: WH8583550
TRIBUTYLTIN ISOTHIOCYANATE see: WH8583500
TRIBUTYLTIN LAURATE see: WH8584000
TRIBUTYLTIN METHACRYLATE see: WH8692000
TRI-n-BUTYLTIN METHANESULFONATE see: WH8585300
TRIBUTYLTIN NEODECANDATE see: WH8588000
TRIBUTYLTIN NONANOATE see: WH8589000
TRI-n-BUTYLTIN OLEATE see: WH8700000
TRIBUTYLTIN OXIDE see: JN8750000
TRIBUTYLTIN SALICYLATE see: WH8600000
TRI-n-BUTYLTIN SALICYLATE see: WH8600000
TRIBUTYLTIN alpha-(2,4,5-TRICHLOROPHENOXY)PROPIONATE see: WH8709000
TRI-n-BUTYLTIN UNDECYLATE see: WH8710000
TRIBUTYLTIN UNDECYLENATE see: WH8710000
TRIBUTYL(2,4,5-TRICHLOROPHENOXY)TIN see: WH8707000
S,S,S-TRIBUTYL TRITHIOPHOSPHATE see: TG5425000
S,S,S-TRIBUTYL TRITHIOPHOSPHITE see: TG5600000
TRI-n-BUTYL-ZINN-ACETAT (German) see: WH5775000
TRI-n-BUTYL-ZINN BENZOATE (German) see: WH6710000
TRI-n-BUTYL-ZINN OLEAT (German) see: WH8700000
TRI-n-BUTYL-ZINN SALICYLAT (German) see: WH8600000
TRI-n-BUTYL-ZINN UNDECYLAT (German) see: WH8710000
TRIBUTYRIN see: ET7350000
TRIBUTYROIN see: ET7350000
TRICALCIUMARSENAT (German) see: CG0830000
TRICALCIUM ARSENATE see: CG0830000
TRICAMBA see: BZ5075000
TRICANDIL see: RW7750000
TRICAPRYLIC GLYCERIDE see: YJ7700000
TRICAPRYLIN see: YJ7700000
TRICAPRYLMETHYLAMMONIUM CHLORIDE see: BR8575000
TRICAPRYLYLAMINE see: RG8225000
TRICAPRYLYLMETHYLAMMONIUM CHLORIDE see: BR8575000

YA4376000 TRICARBALLYLIC ACID, beta-(HYDROXYMETHOXY)-, gamma-LACTONE, ALLYL ESTER
UPDT:8406 MW: 244.22 MOLFM: C10-H12-O7
SYN: beta-(HYDROXYMETHOXY)TRICARBALLYLIC ACID gamma-LACTONE ALLYL ESTER
TOXICITY DATA AND REFERENCES:
3F05F19J25 ivn-mus LD50:1400 mg/kg JAPMA8 47,853,58

YA4377000 TRICARBALLYLIC ACID, beta-(HYDROXYMETHOXY)-, gamma-LACTONE, BENZYL ESTER
UPDT:8406 MW: 294.28 MOLFM: C14-H14-O7
SYN: beta-(HYDROXYMETHOXY)TRICARBALLYLIC ACID gamma-LACTONE BENZYL ESTER
TOXICITY DATA AND REFERENCES:
3F05F19J25 ivn-mus LD50:1610 mg/kg JAPMA8 47,853,58

TRICARBAMIX Z see: ZH0525000
1,2,4-TRICARBOXYBENZENE see: DC1980000
TRICARNAM see: FC5950000
TRICESIUM TRIFLUORIDE see: FK9650000
TRICETO 3-7-12 CHOLANATE de Na (French) see: FZ2500000
TRICHAZOL see: NI5600000
TRICHEX see: NI5600000
TRICHLOORAZIJNZUUR (Dutch) see: AJ7875000
1,1,1-TRICHLOOR-2,2-BIS(4-CHLOOR FENYL)-ETHAAN (Dutch) see: KJ3325000
2,2,2-TRICHLOOR-1,1-BIS(4-CHLOOR FENYL)-ETHANOL (Dutch) see: DC8400000
1,1,1-TRICHLOORETHAAN (Dutch) see: KJ2975000
TRICHLOORETHEEN (Dutch) see: KX4550000
TRICHLOORETHYLEEN, TRI (Dutch) see: KX4550000
(2,4,5-TRICHLOOR-FENOXY)-AZIJNZUUR (Dutch) see: AJ8400000
2-(2,4,5-TRICHLOOR-FENOXY)-PROPIONZUUR (Dutch) see: UF8225000
O-(2,4,5-TRICHLOOR-FENYL)-O,O-DIMETHYL-MONOTHIOFOSFAAT (Dutch) see: TG0525000
TRICHLOORFON (Dutch) see: TA0700000
TRICHLOORMETHAAN (Dutch) see: FS9100000
TRICHLOORMETHYLBENZEEN (Dutch) see: XT9275000
TRICHLOORNITROMETHAAN (Dutch) see: PB6300000
TRICHLOORSILAAN (Dutch) see: VV5950000
TRICHLORACETALDEHYD-HYDRAT (German) see: FM8750000
TRICHLORACETIC ACID see: AJ7875000
TRICHLOR-ACETONITRIL (German) see: AM2450000
10-TRICHLORACETYL-1,2-BENZANTHRACENE see: OB1202000
TRICHLORACRYLYL CHLORIDE see: AT7785000
TRICHLORAD see: XJ1570000
1,1,1-TRICHLORAETHAN (German) see: KJ2975000
TRICHLORAETHEN (German) see: KX4550000
TRICHLORAETHYLEN, TRI (German) see: KX4550000
TRICHLORAMINE see: QW9740000
TRICHLORAN see: KX4550000
2,3,6-TRICHLORBENZOESAEURE (German) see: DH7700000
1,1,1-TRICHLOR-2,2-BIS(4-CHLOR-PHENYL)-AETHAN (German) see: KJ3325000
2,2,2-TRICHLOR-1,1-BIS(4-CHLOR-PHENYL)-AETHANOL (German) see: DC8400000
TRICHLORBUTYLENE see: EM9045000
TRICHLOREN see: KX4550000
TRICHLORESSIGSAEURE (German) see: AJ7875000
TRICHLORESSIGSAURES NATRIUM (German) see: AJ9100000
1,1,2-TRICHLORETHANE see: KJ3150000
TRICHLORETHENE (French) see: KX4550000
TRICHLORETHYLENE see: KX4550000
TRICHLORETHYLENE, TRI (French) see: KX4550000
TRICHLORETHYL PHOSPHATE see: KK2450000
TRICHLORETHYL PHOSPHATE MONOSODIUM see: KM4500000
2,4,6-TRICHLORFENOL (Czech) see: SN1575000
TRICHLORFENSON (OBS.) see: DB5250000
TRICHLORFON see: TA0700000
TRICHLORFON (DOT) see: TA0700000
TRICHLORINATED ISOCYANURIC ACID see: XZ1925000
TRICHLORINE NITRIDE see: QW9740000
TRICHLORMETAFOS-3 see: TG1360000
TRICHLORMETAZID see: DK8925000

TRICHLORMETHAN (Czech) see: FS9100000
TRICHLORMETHIAZIDE see: DK8925000
TRICHLORMETHINE see: YE2625000
TRICHLORMETHINE see: YE2800000
TRICHLORMETHINIUM CHLORIDE see: YE2800000
TRICHLORMETHYLBENZOL (German) see: XT9275000
N-(TRICHLORMETHYLTHIO)PHTHALIMIDE see: TI5685000
TRICHLORNITROMETHAN (German) see: PB6300000
TRICHLOROACETALDEHYDE see: FM7870000
2,2,2-TRICHLOROACETALDEHYDE see: FM7870000
TRICHLOROACETALDEHYDE HYDRATE see: FM8750000
TRICHLOROACETALDEHYDE MONOHYDRATE see: FM8750000
TRICHLOROACETIC ACID see: AJ7875000
TRICHLOROACETIC ACID CHLORIDE see: AO7140000
TRICHLOROACETIC ACID, solid (DOT) see: AJ7875000
TRICHLOROACETIC ACID SODIUM SALT see: AJ9100000
TRICHLOROACETIC ACID SOLUTION (DOT) see: AJ7875000
TRICHLOROACETIC ACID TRIPROPYLSTANNYL ESTER see: WH8715000
TRICHLOROACETOCHLORIDE see: AO7140000
alpha,alpha',alpha'-TRICHLOROACETONE see: UC3840000 2-PROPANONE, 1,1,3-TRICHLORO-
1,1,3-TRICHLOROACETONE see: UC3840000 2-PROPANONE, 1,1,3-TRICHLORO-
TRICHLOROACETONITRILE see: AM2450000
TRICHLOROACETYL CHLORIDE see: AO7140000
TRICHLOROACETYL CHLORIDE (DOT) see: AO7140000
TRICHLOROACRYLOYL CHLORIDE see: AT7785000
2,3,3-TRICHLOROACRYLOYL CHLORIDE see: AT7785000
TRICHLOROACRYLYL CHLORIDE see: AT7785000
2,3,3-TRICHLOROALLYL DIISOPROPYLTHIOCARBAMATE see: EZ8575000
S-2,3,3-TRICHLOROALLYL N,N-DIISOPROPYLTHIOCARBAMATE see: EZ8575000
TRICHLOROALUMINUM see: BD0525000
2',4',6'-TRICHLORO-4-AMINOBIPHENYL ETHER see: BZ0300000
3,5,6-TRICHLORO-4-AMINOPICOLINIC ACID see: TJ7525000
sym-TRICHLOROANILINE see: BZ0250000
2,4,6-TRICHLOROANILINE see: BZ0250000
3,5,6-TRICHLORO-o-ANISIC ACID see: BZ5075000
TRICHLOROARSINE see: CG1750000
2,3,6-TRICHLOROBENZALDEHYDE see: CU8402000
2,4,6-TRICHLOROBENZENAMINE see: BZ0250000
TRICHLOROBENZENE see: DC2090000
s-TRICHLOROBENZENE see: DC2100100
sym-TRICHLOROBENZENE see: DC2100100
unsym-TRICHLOROBENZENE see: DC2100000
1,2,3-TRICHLOROBENZENE see: DC2095000
1,2,4-TRICHLOROBENZENE see: DC2100000
1,3,5-TRICHLOROBENZENE see: DC2100100
2,3,6-TRICHLOROBENZENEACETIC ACID see: AJ8750000
TRICHLOROBENZENE, liquid (DOT) see: DC2090000
1,2,3-TRICHLOROBENZENE, liquid (DOT) see: DC2095000
1,2,4-TRICHLOROBENZENE, liquid (DOT) see: DC2100000
1,3,5-TRICHLOROBENZENE, liquid (DOT) see: DC2100100
2,4,5-TRICHLOROBENZENETHIOL see: DC1948000 BENZENETHIOL, 2,4,5-TRICHLORO-
TRICHLOROBENZOIC ACID see: DH7700000
2,3,6-TRICHLOROBENZOIC ACID see: DH7700000
TRICHLOROBIPHENYL see: DV8809000
2,4',5-TRICHLOROBIPHENYL see: DV8810000
4,2',5'-TRICHLOROBIPHENYL see: DV8810000
1,1,1-TRICHLORO-2,2-BIS(p-ANISYL)ETHANE see: KJ3675000
1,1,1-TRICHLORO-2,2-BIS(p-CHLOROPHENYL)ETHANE see: KJ3325000
TRICHLOROBIS(4-CHLOROPHENYL)ETHANE see: KJ3325000
2,2,2-TRICHLORO-1,1-BIS(4-CHLOROPHENYL)-ETHANOL (French) see: DC8400000
2,2,2-TRICHLORO-1,1-BIS(4-CLORO-FENIL)-ETANOLO (Italian) see: DC8400000
1,1,1-TRICHLORO-2,2-BIS(p-METHOXYPHENOL)ETHANOL see: KJ3675000
1,1,1-TRICHLORO-2,2-BIS(p-METHOXYPHENYL)ETHANE see: KJ3675000
TRICHLOROBUTENE see: EM9045000
2,3,4-TRICHLOROBUTENE-1 see: EM9046000
TRICHLOROBUTENE (DOT) see: EM9045000
TRICHLORO-t-BUTYL ALCOHOL see: UC0175000
t-TRICHLOROBUTYL ALCOHOL see: UC0175000
beta,beta,beta-TRICHLORO-tert-BUTYL ALCOHOL see: UC0175000
2',4',6'-TRICHLORO-2-CHLOROACETANILIDE see: AE7275000
2,4,5-TRICHLORO-alpha-(CHLOROMETHYLENE)BENZYL PHOSPHATE see: TB9050000 PHOSPHORIC ACID, 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL)VINYL DIMETHYL ESTER
2,4,5-TRICHLORO-alpha-(CHLOROMETHYLENE)BENZYL PHOSPHATE ESTER see: TB9100000
TRICHLORO(CHLOROMETHYL)SILANE see: VV2200000 SILANE, CHLOROMETHYL(TRICHLORO)-
1,1,1-TRICHLORO-2-(o-CHLOROPHENYL)-2-(p-CHLOROPHENYL)ETHANE see: KH7910000
TRICHLOROCHROMIUM see: GB5425000
TRICHLOROCTAN SODNY (Czech) see: AJ9100000
TRICHLOROCYANIDINE see: XZ1400000
TRICHLOROCYANURIC ACID see: XZ1925000
TRICYCLO(3.3.1.1(sup 3,7))DECAN-1-AMINE, HYDROCHLORIDE (9CI) see: AU4375000
1,2,4-TRICHLORODIBENZODIOXIN see: HP3530000
1,2,4-TRICHLORODIBENZO-para-DIOXIN see: HP3530000
2,3,7-TRICHLORODIBENZO-p-DIOXIN see: HP3630000
4,5,6-TRICHLORO-2-(2,4-DICHLOROPHENOXY)PHENOL see: SL0532000
1,1,1-TRICHLORO-2,2-DI(4-CHLOROPHENYL)-ETHANE see: KJ3325000
2,2,2-TRICHLORO-1,1-DI-(4-CHLOROPHENYL)ETHANOL see: DC8400000
1,1,1-TRICHLORO-2,2-DI(4-METHOXYPHENYL)ETHANE see: KJ3675000
2,2,2-TRICHLORO-1-(1,1-DIMETHYLPROPOXY)-ETHANOL (9CI) see: KL9950000
1,2,3-TRICHLORO-4,6-DINITROBENZENE see: CZ7900000
TRICHLORODIPHENYL see: DV8809000
TRICHLORO DIPHENYL OXIDE see: KO4200000
TRICHLORODODECYLSILANE see: VV3940000
TRICHLORO ESTERTIN see: WH8240000
TRICHLOROETHANAL see: FM7870000
TRICHLORO-1,1,1-ETHANE (French) see: KJ2975000
alpha-TRICHLOROETHANE see: KJ2975000
beta-TRICHLOROETHANE see: KJ3150000
1,1,1-TRICHLOROETHANE see: KJ2975000
1,1,2-TRICHLOROETHANE see: KJ3150000
1,2,2-TRICHLOROETHANE see: KJ3150000
2,2,2-TRICHLORO-1,1-ETHANEDIOL see: FM8750000
1,1,1-TRICHLOROETHANE (DOT) see: KJ2975000
TRICHLOROETHANOIC ACID see: AJ7875000
TRICHLOROETHANOL see: KM3850000
2,2,2-TRICHLOROETHANOL see: KM3850000
2,2,2-TRICHLOROETHANOL DIHYDROGEN PHOSPHATE MONOSODIUM SALT see: KM4500000
2,2,2-TRICHLOROETHANOL DIHYDROGEN PHOSPHATE SODIUM SALT see: KM4500000
TRICHLOROETHENE see: KX4550000
1,1,3-TRI(2-CHLOROETHOXY)PROPANE see: UE0400000
TRICHLOROETHYL ACETATE see: AJ8300000
TRICHLOROETHYL ALCOHOL see: KM3850000
2,2,2-TRICHLOROETHYL ALCOHOL see: KM3850000
TRI-(2-CHLOROETHYL)AMINE see: YE2625000
TRI-(2-CHLOROETHYL)AMINE HYDROCHLORIDE see: YE2800000
TRI(beta-CHLOROETHYL)AMINE HYDROCHLORIDE see: YE2800000
TRICHLOROETHYL CARBAMATE see: FD1750000
TRICHLOROETHYL CARBONATE see: FF8925000
2,2,2-TRICHLOROETHYL CARBONATE see: FF8925000
TRICHLOROETHYLENE see: KX4550000
TRICHLOROETHYLENE (DOT) see: XX4550000
1,1,2-TRICHLOROETHYLENE see: KX4550000
1,2,2-TRICHLOROETHYLENE see: KX4550000
2,2,2-(TRICHLOROETHYLIDENE)BIS(BENZENESULFONAMIDE) see: DB3185000
1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS(4-METHOXYBENZENE) see: KJ3675000
1,2-O-(2,2,2-TRICHLOROETHYLIDENE)-alpha-D-GLUCOFURANOSE see: FM9450000
(R)-1,2-O-(2,2,2-TRICHLOROETHYLIDENE)-alpha-D-GLUCOFURANOSE see: FM9450000
1,2-O-(2,2,2-TRICHLOROETHYLIDENE)GLUCOFURANURONIC ACID LACTONE see: LZ4995000
alpha-TRICHLOROETHYLIDENE GLYCEROL see: JI3380000
beta-TRICHLOROETHYLIDENE GLYCEROL see: JI3440000
TRI-beta-CHLOROETHYL PHOSPHATE see: KK2450000
TRI(2-CHLOROETHYL)PHOSPHATE see: KK2450000
TRICHLOROETHYLSILANE see: VV4200000
TRICHLOROETHYLSILICANE see: VV4200000
TRICHLOROETHYLSTANNANE see: WH8270000
TRICHLOROETHYLTIN see: WH8270000
TRICHLOROFLUOROMETHANE see: PB6125000
TRICHLOROFON see: TA0700000
TRICHLOROFORM see: FS9100000
TRICHLOROHYDRIN see: TZ9275000
2,4,4'-TRICHLORO-2'-HYDROXYDIPHENYL ETHER see: KO1100000
N-(2,2,2-TRICHLORO-1-HYDROXYETHYL)BUTYRAMIDE see: ES5070000
((2,2,2-TRICHLORO-1-HYDROXYETHYL) DIMETHYLPHOSPHONATE; see: TA0700000
N-(2,2,2-TRICHLORO-1-HYDROXYETHYL)NONANAMIDE see: RA6050000
2,2,2-TRICHLORO-1-HYDROXYETHYL-PHOSPHONATE, DIMETHYL ESTER see: TA0700000
(2,2,2-TRICHLORO-1-HYDROXYETHYL)PHOSPHONIC ACID DIMETHYL ESTER see: TA0700000
2,3,5-TRICHLORO-4-HYDROXYPYRIDINE see: UU7780000
2',4',5'-TRICHLORO-2-IODOACETANILIDE see: AE4290000
TRICHLOROISOCYANIC ACID see: XZ1925000
TRICHLOROISOCYANURIC ACID see: XZ1925000
N,N',N'-TRICHLOROISOCYANURIC ACID see: XZ1925000
1,3,5-TRICHLOROISOCYANURIC ACID see: XZ1925000
TRICHLOROISOCYANURIC ACID, dry (DOT) see: XZ1925000
TRICHLOROISOPROPANOL see: UB9800000
1,1,1-TRICHLOROISOPROPYL ALCOHOL see: UB9800000
TRICHLOROMETAFOS see: TG0525000
TRICHLOROMETAPHOS-3 see: TG1360000
TRICHLOROMETHANE see: FS9100000
TRICHLOROMETHANE SULFENYL CHLORIDE see: PB0370000
TRICHLOROMETHANESULPHENYL CHLORIDE see: PB0370000
TRICHLORO-3-METHAPHOS see: TG1360000 PHOSPHOROTHIOIC ACID, O-ETHYL O-METHYL O-(2,4,5-TRICHLOROPHENYL) ESTER
TRICHLOROMETHIADIAZIDE see: DK8925000
TRICHLOROTRIETHYLDIALUMINIUM see: BD1950000
TRICHLOROTRIETHYLDIALUMINUM see: BD1950000
TRICHLOROMETHIAZIDE see: DK8925000
3,5,6-TRICHLORO-2-METHOXYBENZOIC ACID see: BZ5075000
TRICHLOROMETHYL ALLYL PERTHIOXANTHATE see: FG3945000
TRICHLOROMETHYLBENZENE see: XT9275000
1-(TRICHLOROMETHYL)BENZENE see: XT9275000
TRICHLOROMETHYL CYANIDE see: AM2450000
alpha-2-(TRICHLOROMETHYL)-1,3-DIOXOLANE-4-METHANOL see: JI3380000
beta-2-(TRICHLOROMETHYL)-1,3-DIOXOLANE-4-METHANOL see: JI3440000
3-(TRICHLOROMETHYL)-5-ETHOXY-1,2,4-THIADIAZOLE see: XI3875000
N-TRICHLOROMETHYLMERCAPTO-4-CYCLOHEXENE-1,2-DICARBOXIMIDE see: GW5075000
N-(TRICHLOROMETHYLMERCPATO)PHTHALIMIDE see: TI5685000
1-(TRICHLOROMETHYLMERCAPTO)PYRAZOLE see: UQ8050000
N-(TRICHLOROMETHYLMERCAPTO)-delta(sup 4)-TETRAHYDROPHTHALIMIDE see: GW5075000
TRICHLOROMETHYL METHYL PERTHIOXANTHATE see: FG3920000
TRICHLOROMETHYLNITRILE see: AM2450000
TRICHLOROMETHYL PERCHLORATE (DOT) see: SC9950000
TRICHLOROMETHYLPHENYLCARBINYL ACETATE see: AJ8375000
1,1,1-TRICHLORO-2-METHYL-2-PROPANOL see: UC0175000
TRICHLOROMETHYLSTANNANE see: WH8585500
TRICHLOROMETHYLSULFENYL CHLORIDE see: PB0370000
TRICHLOROMETHYLSULPHENYL CHLORIDE see: PB0370000
N-TRICHLOROMETHYLTHIO-cis-delta(sup 4)-CYCLOHEXENE-1,2-DICARBOXIMIDE see: GW5075000
cis-N-((TRICHLOROMETHYL)THIO)-4-CYCLOHEXENE-1,2-DICARBOXIMIDE see: GW5075100
N-TRICHLOROMETHYLTHIOCYCLOHEX-4-ENE-1,2-DICARBOXIMIDE see: GW5075000
N-((TRICHLOROMETHYL)THIO)-4-CYCLOHEXENE-1,2-DICARBOXIMIDE see: GW5075000
3-TRICHLOROMETHYLTHIO-5-(1-ETHYLAMYL)-HYDANTOIN see: MU2400000
2-((TRICHLOROMETHYL)THIO)-1H-ISOINDOLE-1,3(2H)-DIONE see: TI5685000
N-(TRICHLOROMETHYLTHIO)PHTHALIMIDE see: TI5685000
N-TRICHLOROMETHYLTHIOTETRAHYDROPHTHALIMIDE see: GW4990000
N-((TRICHLOROMETHYL)THIO)TETRAHYDROPHTHALIMIDE see: GW5075000
N-TRICHLOROMETHYLTHIO-3a,4,7,7a-TETRAHYDROPHTHALIMIDE see: GW5075000
TRICHLOROMETHYLTIN see: WH8585500
TRICHLOROMONOFLUOROMETHANE see: PB6125000
TRICHLOROMONOSILANE see: VV5950000
TRICHLORONAPHTHALENE see: QK4025000
TRICHLORONAT see: TB0700000
TRICHLORONATE see: TB0700000
1,2,3-TRICHLORO-4-NITROBENZENE see: DA6617000
2',4',6'-TRICHLORO-4-NITROBIPHENYL ETHER see: KO2700000
TRICLORO-NITRO-METANO (Italian) see: PB6300000
TRICHLORONITROMETHANE see: PB6300000
2,4,6-TRICHLORO-4'-NITRODIPHENYL ETHER see: KO2700000
2',4',6'-TRICHLORO-4-NITROSOBIPHENYL ETHER see: DC2370000
TRICHLOROPHENE see: SM0700000
2,4,5-TRICHLOROPHENOL see: SN1400000
2,4,6-TRICHLOROPHENOL see: SN1575000
TRICHLOROPHENOL (DOT) see: SN1290000
2,4,5-TRICHLOROPHENOL, SODIUM SALT see: SN2750000
2,4,5-TRICHLOROPHENOXYACETIC ACID see: AJ8400000
2,4,5-TRICHLOROPHENOXYACETIC ACID AMINE ESTER OR SALT (DOT) see: AJ8410000
(2,4,5-TRICHLOROPHENOXY)ACETIC ACID AMMONIUM SALT see: AJ8410000
(2,4,5-TRICHLOROPHENOXY)ACETIC ACID 2-BUTOXYETHYL ESTER see: AJ8420000
2,4,5-TRICHLOROPHENOXYACETIC ACID, BUTYL ESTER see: AJ8485000
2,4,5-TRICHLOROPHENOXYACETIC ACID (DOT) see: AJ8400000

2,4,5-TRICHLOROPHENOXYACETIC ACID, PROPYLENE GLYCOL BUTYL ETHER ESTERS see: AJ8440000
(2,4,5-TRICHLOROPHENOXY)ACETIC ACID SODIUM SALT see: AJ8650000
2-(2,4,5-TRICHLOROPHENOXY)ETHANOL see: KM4800000
2,4,5-TRICHLOROPHENOXYETHYL-alpha,alpha-DICHLOROPROPIONATE see: UF1400000
2-(2,4,5-TRICHLOROPHENOXY)ETHYL 2,2-DICHLOROPROPIONATE see: UF1400000
2,4,5-TRICHLOROPHENOXYETHYL-alpha,alpha,alpha-TRICHLOROACETATE see: AJ9450000
2,4,5-TRICHLOROPHENOXY-alpha-PROPIONIC ACID see: UF8225000
alpha-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID see: UF8225000
2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID see: UF8225000
2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID TRIBUTYLSTANNYL ESTER see: WH8709000
2,4,5-TRICHLOROPHENYL ACETATE see: SN1750000
2,3,6-TRICHLOROPHENYLACETIC ACID see: AJ8750000
2,4,5-TRICHLOROPHENYLAZO-4'-CHLOROPHENYL-SULFIDE see: IL8842000
2,4,6-TRICHLORO-PHENYLDIMETHYLTRIAZENE see: XY2380000
1-(2,4,6-TRICHLOROPHENYL)-3,3-DIMETHYLTRIAZENE see: XY2380000
2,4,5-TRICHLOROPHENYL IODOPROPARGYL ETHER see: KO1225000
2,4,5-TRICHLOROPHENYL-gamma-IODOPROPARGYL ETHER see: KO1225000
TRICHLOROPHENYLMETHANE see: XT9275000
1-(2,4,6-TRICHLOROPHENYL)-3-METHYLTRIAZENE see: XY2800000
2,4,6-TRICHLOROPHENYL 4-NITROPHENYL ETHER see: KO2700000
TRICHLOROPHENYLSILANE see: VV6650000
TRICHLOROPHON see: TA0700000
TRICHLOROPHOSPHINE SULFIDE see: XN2930000
2,4,6-TRICHLORO-PMDT see: XY2380000
1,1,1-TRICHLOROPROPANE see: TZ8750000
1,1,2-TRICHLOROPROPANE see: TZ8925000
1,2,3-TRICHLOROPROPANE see: TZ9275000
1,2,3-TRICHLOROPROPANE-2,3-OXIDE see: TZ3720000
1,1,1-TRICHLORO-2-PROPANOL see: UB9800000
1,1,3-TRICHLORO-2-PROPANONE see: UC3840000 2-PROPANONE, 1,1,3-TRICHLORO-
2,2,3-TRICHLOROPROPIONALDEHYDE see: UE2800000
TRICHLOROPROPIONITRILE see: UG4800000
TRICHLOROPROPYLENE see: TZ3720000
2,3,5-TRICHLORO-4-PYRIDINOL see: UU7780000
((3,5,6-TRICHLORO-2-PYRIDINYL)OXY)ACETIC ACID 2-BUTOXYETHYL ESTER see: AJ8970000
((3,5,6-TRICHLORO-2-PYRIDINYL)OXY)ACETIC ACID compd. with N,N-DIETHYLETHANAMINE (1:1) see: AJ8974000
3,5,6-TRICHLORO-2-PYRIDYLOXYACETIC ACID see: AJ9000000
TRICHLOROSILANE see: VV5950000
TRICHLOROSILANE (DOT) see: VV5950000
TRICHLOROSTIBINE see: CC4900000
2,4,5-TRICHLOROTHIOPHENOL see: DC1948000 BENZENETHIOL, 2,4,5-TRICHLORO-
TRICHLOROTITANIUM see: XR1924000
alpha,alpha,alpha-TRICHLOROTOLUENE see: XT9275000
omega,omega,omega-TRICHLOROTOLUENE see: XT9275000
2,3,6-TRICHLOROTOLUENE see: XT9300000
TRICHLORO-s-TRIAZINE see: XZ1400000
sym-TRICHLOROTRIAZINE see: XZ1400000
1,3,5-TRICHLOROTRIAZINE see: XZ1400000
2,4,6-TRICHLOROTRIAZINE see: XZ1400000
2,4,6-TRICHLORO-s-TRIAZINE see: XZ1400000
2,4,6-TRICHLORO-1,3,5-TRIAZINE see: XZ1400000
TRICHLORO-s-TRIAZINETRIONE see: XZ1925000
TRICHLORO-s-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE see: XZ1925000
TRICHLORO-s-TRIAZINETRIONE, dry, containing over 39% available CHLORINE (DOT) see: XZ1925000
1,3,5-TRICHLORO-s-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE see: XZ1925000
2,2',2''-TRICHLOROTRIETHYLAMINE see: YE2625000
2,2',2''-TRICHLOROTRIETHYLAMINE HYDROCHLORIDE see: YE2800000
TRICHLOROTRIFLUOROETHANE see: KJ4000000
TRICHLOROTRIFLUOROETHANE see: KJ3975000
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE see: KJ4000000
TRICHLOROTRIMETHYLDIALUMINUM see: BD1970000
1,3,5-TRICHLORO-2,4,6-TRIOXOHEXAHYDRO-s-TRIAZINE see: XZ1925000
TRICHLORO(VINYL)SILANE see: VV6125000
TRICHLOROVINYL SILICANE see: VV6125000
TRICHLORPHENE see: TA0700000
(2,4,5-TRICHLOR-PHENOXY)-ESSIGSAEURE (German) see: AJ8400000
2-(2,4,5-TRICHLOR-PHENOXY)-PROPIONSAEURE (German) see: UF8225000
O-(2,4,5-TRICHLOR-PHENYL)-O,O-DIMETHYL-MONOTHIOPHOSPHAT (German) see: TG0525000
2,3,6-TRICHLORPHENYLESSIGSAEURE (German) see: AJ8750000
TRICHLORPHON see: TA0700000
TRICHLORPHON FN see: TA0700000
TRICHLORSILAN (German) see: VV5950000
TRICHLORURE D'ANTIMOINE (French) see: CC4900000
TRICHLORURE D'ARSENIC (French) see: CG1750000
TRICHLORYL see: KM4500000
syn-TRICHLOTRIAZIN (Czech) see: XZ1400000
TRICHLOURACETONITRIL (Dutch) see: AM2450000
TRICHOCHROMOGENIC FACTOR see: DG1400000
TRICHOCID see: XJ1570000
TRICHOCIDE see: NI5600000
TRICHODERMIN see: YD0120000

YC8925000 TRICHODESMA INDICUM Br., extract
DEF:Indian plant belonging to the family BORAGINACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2F07H02 ipr-rat LD50:250 mg/kg IJEBA6 16,228,78

YC8930000 TRICHODESMA ZYELANICUM (Linn.) R. Br., extract
DEF:Indian plant belonging to the family BORAGINACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

TRICHOFURON see: RQ3675000

YC9100000 TRICHOLEPIS ELONGATA DC., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg IJEBA6 7,250,69

TRICHOMAN see: XJ1570000
TRICHOMOL see: NI5600000
TRICHOMONACID 'PHARMACHIM' see: NI5600000
TRICHOPAL see: NI5600000
TRICHOPOL see: NI5600000
TRICHORAD see: XJ1570000
TRICHORAL see: XJ1570000

YC9950350 TRICHOSANTHES CUCUMERINA Linn., extract excluding roots
DEF:Indian plant belonging to the family CUCURBITACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

YC9950400 TRICHOSANTHES DIOICA Roxb., fruit extract
DEF:Indian plant belonging to the family CUCURBITACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

YC9950500 TRICHOTHECAN-8-ONE, 12,13-EPOXY-3-alpha,4-beta,7-alpha,15-TETRAHYDROXY-
UPDT:8305 CAS: 24393-94-0 MW: 314.37 MOLFM: C15-H22-O7
SYN: DIHYDRONIVALENOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:15 mg/kg 41KEAL -,108,78

TRICHOTHEC-9-ENE, 12,13-EPOXY-4-beta,15-DIACETOXY-3-alpha,8-alpha-DIHYDROXY- see: YD0080000
TRICHOTHEC-9-ENE, 12,13-EPOXY-4-beta,15-DIACETOXY-3-alpha-HYDROXY- see: YD0112000

YC9960000 TRICHOTHEC-9-ENE-3,4,7,8,15-PENTOL, 12,13-EPOXY-, 4,15-DIACETATE, (3-alpha,4-beta)-
UPDT:8305 CAS: 54831-24-2 MW: 398.45 MOLFM: C19-H26-O9
SYN: 7,8-DIHYDROXYDIACETOXYSCIRPENOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:6 mg/kg 41KEAL -,108,78

YC9990000 TRICHOTHEC-9-ENE-3,4,8,15-TETROL, 12,13-EPOXY-, 15-ACETATE 8-(3-HYDROXY-3-METHYLBUTANOATE), (3-alpha,4-beta,8-alpha)-
UPDT:8311 CAS: 78368-54-4
SYN: 3'-HYDROXY HT-2 TOXIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:22800 ug/kg ABCHA6 46,2613,82

YD0050000 TRICHOTHEC-9-ENE-3-alpha,4-beta,8-alpha,15-TETROL, 12,13-EPOXY-, 15-ACETATE, 8-ISOVALERATE
UPDT:8311 CAS: 26934-87-2 MW: 4?2.53 MOLFM: C21-H32-O8
SYN: HT-2 TOXIN * TOXIN HT 2
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3800 ug/kg 85GDA2 6,191,81
* ipr-mus LD50:5200 ug/kg 85GDA2 6,191,81
3K12F18F15 orl-ckn LD50:7220 ug/kg AEMIDF 35,636,78

YD0079000 TRICHOTHEC-9-ENE-3-alpha,4-beta,7-alpha,15-TETROL, 12,13-EPOXY-, 4,15-DIACETATE
UPDT:8305 MW: 382.45 MOLFM: C19-H26-O8
SYN: 7-HYDROXYDIACETOXYSCIRPENOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:4 mg/kg 41KEAL -,108,78

YD0080000 TRICHOTHEC-9-ENE-3-alpha,4-beta,8-alpha,15-TETROL, 12,13-EPOXY-, 4,15-DIACETATE
UPDT:8308 CAS: 36519-25-2 MW: 370.44 MOLFM: C18-H26-O8
SYN: 4-beta,15-DIACETOXY-3-alpha,8-alpha-DIHYDROXY-12,13-EPOXYTRICHOTHEC-9-ENE * NEOSOLANIOL * TRICHOTHEC-9-ENE, 12,13-EPOXY-4-beta,15-DIACETOXY-3-alpha,8-alpha-DIHYDROXY-
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:14500 ug/kg 85GDA2 6,19?,81
3K12F18F15 orl-ckn LD50:24870 ug/kg AEMIDF 35,636,78

YD0090000 TRICHOTHEC-9-ENE-3,4,8,15-TETROL, 12,13-EPOXY-, 4,15-DIACETATE 8-(3-HYDROXY-3- METHYLBUTANOATE), (3-alpha,4-beta,8-alpha)-
UPDT:8311 CAS: 84474-35-1
SYN: 3'-HYDROXY T2 TOXIN
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:4630 ug/kg ABCHA6 46,2613,82

YD0100000 TRICHOTHEC-9-ENE-3-alpha,4-beta,8-alpha,15-TETROL, 12,13-EPOXY-, 4,15-DIACETATE 8- ISOVALERATE
UPDT:8412 CAS: 21259-20-1 MW: 466.58 MOLFM: C24-H34-O9
SYN: 4,15-DIACETOXY-8-(3-METHYLBUTYRYLOXY)-12,13-EPOXY-delta-9-TRICHOTHECEN-3-OL * 4-beta,15-DIACETOXY-8-alpha-(3-METHYLBUTYRYLOXY)-3-alpha-HYDROXY-12,13-EPOXYTRICHOTHEC-9-ENE * FUSARIOTOXINE T2 * FUSARIOTOXIN T 2 * 3-HYDROXY-4,15-DIACETOXY-8-(3-METHYLBUTYRYLOXY)-12,13-EPOXY-delta(sup 9)-TRICHOTHECENE * INSARIOTOXIN * ISARIOTOXIN * 8-ISOVALERATE * 8-(3-METHYLBUTYRYLOXY)-DIACETOXYSCIRPENOL * MYCOTOXIN T-2 * NSC 138780 * T-2 MYCOTOXIN * TOXIN T2 * T-2 TOXIN * T (sub 2)-TRICHOTHECENE
IRRITATION DATA AND REFERENCES:
skn-rat 20 ng/24H MLD JANCA2 57,1121,74
skn-rbt 20 ng/24H MOD JANCA2 57,1121,74
skn-gpg 120 ng/24H MOD JANCA2 57,1121,74
MUTATION DATA AND REFERENCES:
sln-dmg-orl 31 mg/L HEREAY 92,163,80
dnd-mus-ip 3 mg/kg MUREAV 88,115,81
dnd-mus:oth 5 ug/L MUREAV 88,115,81
dnd-mus:lym 5 ug/L MUREAV 88,115,81
cyt-ham-ipr 1700 ug/kg HEREAY 93,329,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T46 ipr-mus TDLo:500 ug/kg (1U? ,reg) TJADAB 17,25,78
3T46T42T43 ipr-mus TDLo:1 mg/kg (10D preg) RCOCB8 10,743,75
1T35 ipr-mus TDLo:500 ug/kg (11D preg) RCOCB8 10,743,75
1T34 ipr-mus TDLo:500 ug/kg (7D preg) RCOCB8 10,743,75
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3800 ug/kg AJVRAH 32,1843,71
2F15U01 ipr-rat LD50:2180 ug/kg FEPRA7 41,924,82
2F15U01 scu-rat LD50:560 ug/kg FEPRA7 41,924,82
2F15U01 ims-rat LD50:470 ug/kg FEPRA7 41,924,82
* ipr-mus LD50:5310 ug/kg ABCHA6 46,2613,82
3F13F15K12 ims-rbt LD50:1100 ug/kg TXAPA9 73,402,84
3D35K30R03 orl-pig LD50:4 mg/kg JAVMA4 163,1278,73
ivn-pig LD50:1210 ug/kg VETRAX 103,531,78
2F17U01 orl-ckn LD50:4 mg/kg FCTXAV 19,185,81
1K09 orl-ctl LD50:600 ug/kg CNVJA9 16,125,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: NUREA8 31(6),169,73
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 31,265,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YD0112000 TRICHOTHEC-9-ENE-3-alpha,4-beta,15-TRIOL, 12,13-EPOXY-, 4,15-DIACETATE
UPDT:8411 CAS: 2270-40-8 MW: 354.44 MOLFM: C18-H26-O7
SYN: ANG 66 * ANGUIDIN * ANGUIDINE * DAS * 4-beta,15-DIACETOXY-3-alpha-HYDROXY-12,13-EPOXYTRICHOTHEC-9-ENE * DIACETOXYSCIRPENOL * DIAZETOXYSKIRPENOL (German) * NSC-141537 * TRICHOTHEC-9-ENE, 12,13-EPOXY-4-beta,15-DIACETOXY-3-alpha-HYDROXY-
MUTATION DATA AND REFERENCES:
dnd-mus-ivn 5600 ug/kg PAACA3 19,65,78
TOXICITY DATA AND REFERENCES:
3F18K13U25 ipr-wmn TDLo:12 mg/kg/5D CTRRDO 63,789,79
ivn-rat LD50:1300 ug/kg ARZNAD 18,989,68
* orl-mus LD50:7300 ug/kg 85GDA2 6,184,81

2J02K08 ihl-mus LD50:11300 ug/kg TOXID9 4,12,84
3J02K08P20 ipr-mus LD50:20 mg/kg TOXID9 4,12,84
3F13F18F19 ivn-mus LD50:12400 ug/kg NTIS** PB82-166307
ivn-dog LD50:1100 ug/kg ARZNAD 18,989,68
ivn-rbt LD50:1 mg/kg ARZNAD 18,989,68
2F15U01 ivn-pig LD50:376 ug/kg RVTSA9 31,131,81
orl-ckn LD50:3820 ug/kg AEMIDF 35,636,78

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TRICHOTHEC-9-EN-4-OL, 7,8:12,13-DIEPOXY-, 2-BUTENOATE, (4-beta(Z),7-beta,8-beta)- see: YD0117000

YD0117000 TRICHOTHEC-9-EN 4-beta-OL, 7-beta,8-beta:12,13-DIEPOXY-, CROTONATE, (Z)-
UPDT:8308 CAS: 21284-11-7 MW: 332.43 MOLFM: C19-H24-O5
SYN: ANTIBIOTIC T * CROTOCIN * TRICHOTHEC-9-EN-4-OL, 7,8:12,13-DIEPOXY-, 2-BUTENOATE, (4-beta(Z),7-beta,8-beta)-

MUTATION DATA AND REFERENCES:
mma-sat 100 ug/plate CNREA8 38,536,78

TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg 85GDA2 6,183,81
* ipr-mus LD50:810 mg/kg 85ERAY 3,2043,78
* ivn-mus LD50:700 mg/kg 85GDA2 6,183,81

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

YD0120000 TRICHOTHEC-9-EN-4-OL, 12,13-EPOXY-, ACETATE
UPDT:8403 CAS: 4682-50-2 MW: 292.41 MOLFM: C17-H24-O4
SYN: 12,13-EPOXYTRICHOTHEC-9-EN-4-OL ACETATE * ND 8 * TRICHODERMIN * WG 696

TOXICITY DATA AND REFERENCES:
* scu-mus LD50:500 mg/kg MEIEDD 10,1379,83

YD0150000 TRICHOTHEC-9-EN-8-ONE, 3-(ACETYLOXY)-7,15-DIHYDROXY-, (3-alpha,7-alpha)-
UPDT:8305 CAS: 50722-38-8 MW: 338.39 MOLFM: C17-H22-O7
SYN: 3-ACETYLDEOXYNIVALENOL * DEHYDRONIVALENOL MONOACETATE * DEOXYNIVALENOL MONOACETATE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:47 mg/kg 41KEAL -,108,78

YD0160000 TRICHOTHEC-9-EN-8-ONE, 4-(ACETYLOXY)-12,13-EPOXY-3,7,15-TRIHYDROXY-, (3-alpha,4-beta,7-beta)-
UPDT:8310 CAS: 23255-69-8 MW: 354.39 MOLFM: C17-H22-O8
SYN: 4-ACETYLOXY-12,13-EPOXY-3,7,15-TRIHYDROXY-(3-alpha,4-beta,7-beta)-TRICHOTHEC-9-EN-8-ONE * 12,13-EPOXY-3-alpha,4-beta,7-beta,15-TETRAHYDROXYTRICHOTHEC-9-EN-8-ONE 4-ACETATE * FUSARENON * FUSARENON X * FUSARENONE X * NIVALENOL-4-O-ACETATE * 3,7,15-TRIHYDROXY-4-ACETOXY-8-OXO-12,13-EPOXY-delta(sup 9)-TRICHOTHECENE * 3,7,15-TRIHYDROXYSCIRP-4-ACETOXY-9-EN-8-ONE

MUTATION DATA AND REFERENCES:
dnd-hmn:hla 32 mg/L/1H JJEMAG 42,527,72

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T27T35 orl-mus TDLo:2100 ug/kg (1-7D preg) JJEMAG 50,167,80
1T34 orl-mus TDLo:2400 ug/kg (7-14D preg) JJEMAG 50,167,80
3T25T34T35 scu-mus TDLo:1 mg/kg (10D preg) JJEMAG 50,167,80
1T27 scu-mus TDLo:1600 ug/kg (6D preg) JJEMAG 50,167,80

TUMORIGENIC DATA AND REFERENCES:
3V03N60N62 orl-rat TDLo:146 mg/kg/2Y-C JJEMAG 50,293,80
3V03N60N62 orl-rat TD:153 mg/kg/1Y-C JJEMAG 50,293,80

TOXICITY DATA AND REFERENCES:
orl-rat LD50:4 mg/kg JJEMAG 41,521,71
orl-mus LD50:4500 ug/kg JJEMAG 41,521,71
3F13P01Y55 ipr-mus LD50:3300 ug/kg PACHAS 49,1737,77
scu-mus LD50:4200 ug/kg JJEMAG 41,521,71
ivn-mus LD50:3400 ug/kg JJEMAG 41,521,71
* unk-mus LD50:7 mg/kg JJEMAG 50,167,80
scu-cat LDLo:5 mg/kg JJEMAG 41,521,71
ipr-gpg LDLo:500 ug/kg 34ZHAD -,163,71
orl-dck LDLo:5 mg/kg JJEMAG 41,521,71
scu-dck LD50:2 mg/kg JJEMAG 41,521,71

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 26,225,74; NUREA8 31(6),169,73
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 11,169,76
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 31,153,83

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YD0165000 TRICHOTHEC-9-EN-8-ONE, 12,13-EPOXY-3,4,7,15-TETRAHYDROXY-, (3-alpha,4-beta,7-alpha)-
UPDT:8403 CAS: 23282-20-4 MW: 312.35 MOLFM: C15-H20-O7
SYN: 12,13-EPOXY-3,4,7,15-TETRAHYDROXYTRICHOTHEC-9-EN-8-ONE * NIVALENOL * 3-alpha,4-beta,7-alpha,15-TETRAHYDROXYSCIRP-9-EN-8-ONE

MUTATION DATA AND REFERENCES:
dni-mus:ast 1 mg/L EXPEAM 24,1032,68

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:4 mg/kg CNREA8 28,2393,68
scu-mus LD50:5200 ug/kg JJEMAG 42,91,72

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MUREAV 26,225,74; NUREA8 31(6),169,73

YD0165500 TRICHOTHEC-9-EN-8-ONE, 12,13-EPOXY-3-alpha,4-beta,7-alpha,15-TETRAHYDROXY-, 4,15-DIACETATE
UPDT:8308 CAS: 14287-82-2 MW: 396.43 MOLFM: C19-H24-O9
SYN: DIACETYLNIVALENOL * DIAZETYLNIVALENOL (German) * NIVALENOL DIACETATE

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:9600 ug/kg 85GDA2 6,189,81

YD0167000 TRICHOTHEC-9-EN-8-ONE, 12,13-EPOXY-3,7,15-TRIHYDROXY-, (3-alpha,7-alpha)-
UPDT:8408 CAS: 51481-10-8 MW: 296.35 MOLFM: C15-H20-O6
SYN: DEHYDRONIVALENOL * DEOXYNIVALENOL * 4-DEOXYNIVALENOL * DESOXYNIVALENOL * VOMITOXIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T46 orl-mus TDLo:10 mg/kg (8-11D preg) BECTA6 29,487,82
2T26T34 orl-mus TDLo:20 mg/kg (8-11D preg) BECTA6 29,487,82
1T46 orl-mus TDLo:4 mg/kg (8-11D preg) BECTA6 29,487,82

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:70 mg/kg 85GDA2 6,189,81
3F05F07K12 orl-ckn LD50:140 mg/kg POSCAL 60,1412,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YD0175000 TRICHOTHECIN
UPDT:8403 CAS: 6379-69-7 MW: 332.43 MOLFM: C19-H24-O5
SYN: 12,13-EPOXY-4-HYDROXYTRICHOTHEC-9-EN-8-ONE CROTONATE * 12,13-EPOXY-4-((1-OXO-2-BUTENYL)OXY)TRICHOTHEC-9-EN-8-ONE

TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:300 mg/kg 85GDA2 6,182,81

scu-rbt LDLo:250 mg/kg JGMIAN 12,213,55

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: NUREA8 31(6),169,73

TRICICLIDINA see: UY1925000
TRICILOID see: UY1925000
TRICIONE see: RQ2100000
TRICIRIBINE PHOSPHATE see: RY8450000
TRICIRIBINE PHOSPHATE HYDRATE see: RY8453000
TRI-CLENE see: KX4550000
TRICLOBISONIUM CHLORIDE see: BQ8343000
TRICLOFOS SODIUM see: KM4500000
TRICLOPYR see: AJ9000000
TRICLOPYR TRIETHYLAMINE see: AJ8974000
TRICLOPYR TRIETHYLAMINE SALT see: AJ8974000
TRI-CLOR see: PB6300000
TRICLORDIURIDE see: DK8925000
TRICLORETENE (Italian) see: KX4550000
TRICLORMETIAZIDE (Italian) see: DK8925000
1,1,1-TRICLORO-2,2-BIS(4-CLORO-FENIL)-ETANO (Italian) see: KJ3325000
1,1,1-TRICLOROETANO (Italian) see: KJ2975000
TRICLOROETILENE (Italian) see: KX4550000
O-(2,4,5-TRICLORO-FENIL)-O,O-DIMETIL-MONOTIOFOSFATO (Italian) see: TG0525000
TRICLOROMETANO (Italian) see: FS9100000
TRICLOROMETILBENZENE (Italian) see: XT9275000
TRICLOROSILANO (Italian) see: VV5950000
TRICLOROTOLUENE (Italian) see: XT9275000
TRICLORYL see: KM4500000
TRICLOSAN see: KO1100000
TRICLOSE see: UV6261500
TRICOCET see: NI5600000
TRICOFURON see: RQ3675000
TRICOGEN see: XJ1570000
TRICOLAVAL see: XJ1570000

YD0740000 TRICOL 3C
DEF:Commercial hairdye product from Milan, Italy (FCTOD7 20,171,82)
UPDT:8308

MUTATION DATA AND REFERENCES:
mma-sat 5 mg/plate FCTOD7 20,171,82

TRICOLOID see: UY1925000
TRICOLOID CHLORIDE see: UY4280000
TRICOM see: NI5600000
TRICON BW see: AH4025000
TRICOP 50 see: GL7020000
TRICORAL see: XJ1570000
TRI-CORNOX see: AF9700000
TRI-CORNOX SPECIAL see: AF9700000

YD0806000 TRICOSANTHIN
UPDT:8412 CAS: 60318-52-7

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T27T35 ipr-mus TDLo:2 mg/kg (10D preg) CCPTAY 19,175,79
1T16 ipr-mus TDLo:3 mg/kg (19D preg) CCPTAY 21,77,80
1T35 ipr-mus TDLo:6 mg/kg (19D preg) CCPTAY 21,77,80
1T27 par-mus TDLo:12 mg/kg (17D preg) TWHPA3 22,180,76
2T27T31 ims-mky TDLo:400 ug/kg (80D preg) TWHPA3 22,156,76
1T27 ipr-rbt TDLo:250 ug/kg (22D preg) CCPTAY 19,175,79
2T16T35 ipr-rbt TDLo:1 mg/kg (28D preg) CCPTAY 21,77,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TRICOSTERIL see: XJ1570000
TRICOWAS B see: NI5600000
2,4,6-TRICI-PDMT see: XY2380000
TRICRESILFOSFATI (Italian) see: TD0175000
TRICRESOL see: GO5950000
TRICRESYLFOSFATEN (Dutch) see: TD0175000
TRICRESYL PHOSPHATE see: TD0350000
TRICRESYL PHOSPHATE see: TD0175000
TRI-o-CRESYL PHOSPHATE see: TD0350000
TRICRESYLPHOSPHATE with more than 3% ortho isomer (DOT) see: TD0175000
TRICTAL see: XO1050000
TRICURAN see: BS1100000
TRICYANIC ACID see: XZ1800000
TRICYANOGEN CHLORIDE see: XZ1400000
TRICYCLAMOL see: UY1925000
TRICYCLAMOL CHLORIDE see: UY4280000
TRICYCLAMOL HYDROCHLORIDE see: UY1926000
TRICYCLAMOL METHOCHLORIDE see: UY4280000
TRICYCLAMOL SULFATE see: UY4281500
TRICYCLAZOLE see: XZ5475000
TRICYCLAZONE see: XZ5475000

YD1925000 TRICYCLO(3.3.1.1(sup 3,7))DECAN-1-AMINE
UPDT:8403 CAS: 768-94-5 MW: 151.28 MOLFM: C10-H17-N
SYN: 1-ADAMANTAMINE * 1-ADAMANTANAMINE * AMANTADINE * 1-AMINOADAMANTANE * 1-AMINOADAMATANE * 1-AMINODIAMANTANE * 1-AMINOTRICYCLO(3.3.1.1(sup 3,7))DECANE * EXP-105-1 * PK-MERZ * SYMMETREL

MUTATION DATA AND REFERENCES:
dnd-esc 10 umol/L MUREAV 89,95,81

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1275 mg/kg 85ESA3 9,50,76
2F11F19 orl-mus LD50:900 mg/kg DRFUD4 5,557,80
2F11F19 ipr-mus LD50:245 mg/kg DRFUD4 5,557,80

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

exo-TRICYCLO(5.2.1.0(sup 2,6))DECANE see: PB9600000
TRICYCLO(3.3.1.1(sup 3,7))DECANE-1-METHANAMINE, alpha-METHYL-, HYDROCHLORIDE see: AU4717000
TRICYCLODECENE (5,2,1,0(sup 2,6))-3,10-DIISOCYANATE see: NQ9110000
TRICYCLODECEN-4-YL 8-ACETATE see: PC1210000
TRICYCLODECENYL PROPIONATE see: PC0470000
TRICYCLCHEXYLHYDROXYSTANNANE see: WH8750000
TRICYCLOHEXYLHYDROXYTIN see: WH8750000
TRICYCLOHEXYLSTANNANOL see: WH8750000
1-(TRICYCLOHEXYLSTANNYL)-1H-1,2,4-TRIAZOLE see: WH8637700
TRICYCLOHEXYLTIN HYDROXIDE see: WH8750000
TRICYCLOHEXYLZINNHYDROXID (German) see: WH8750000

YD2800000 TRICYCLOQUINAZOLINE
UPDT:8401 CAS: 195-84-6 MW: 320.37 MOLFM: C21-H12-N4

TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:1600 mg/kg/17W-I BJCAAI 13,94,59

3V01R60V10 skn-mus TDLo:380 mg/kg/16W-I BJCAAI 13,94,59
2V02R60 skn-mus TD :960 mg/kg/40W-I BJCAAI 16,275,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YD2850000 TRICYCLOQUINAZOLINE, 3-BROMO-
UPDT:8401 CAS: 63041-00-9 MW: 399.27 MOLFM: C21-H11-Br-N4
SYN: 3-BROMOTRICYCLOQUINAZOLINE
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:1240 mg/kg/1Y-I BJCAAI 16,275,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YD2865000 TRICYCLOQUINAZOLINE, 3-tert-BUTYL-
UPDT:8401 CAS: 313-94-0 MW: 377.50 MOLFM: C25-H21-N4
SYN: 3-t-BUTYLTRICYCLOQUINAZOLINE
TUMORIGENIC DATA AND REFERENCES:
3V01R60V10 skn-mus TDLo:1200 mg/kg/50W-I BCPCA6 14,323,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YD2880000 TRICYCLOQUINAZOLINE, 3,8-DIFLUORO-
UPDT:8401 CAS: 314-04-5 MW: 356.35 MOLFM: C21-H10-F2-N4
SYN: 3,8-DIFLUOROTRICYCLOQUINAZOLINE
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:1200 mg/kg/50W-I BCPCA6 14,323,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YD2900000 TRICYCLOQUINAZOLINE, 3-ETHYL-
UPDT:8401 CAS: 313-93-9 MW: 348.43 MOLFM: C23-H16-N4
SYN: 3-ETHYLTRICYCLOQUINAZOLINE
TUMORIGENIC DATA AND REFERENCES:
3V01R60V10 skn-mus TDLo:1200 mg/kg/50W-I BCPCA6 14,323,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YD2925000 TRICYCLOQUINAZOLINE, 2-FLUORO-
UPDT:8401 CAS: 313-95-1 MW: 338.36 MOLFM: C21-H11-F-N4
SYN: 2-FLUOROTRICYCLOQUINAZOLINE
TUMORIGENIC DATA AND REFERENCES:
3V03R60V10 skn-mus TDLo:48 mg/kg BECCAN 41,420,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YD2975000 TRICYCLOQUINAZOLINE, 3-FLUORO-
UPDT:8401 CAS: 803-57-6 MW: 338.36 MOLFM: C21-H11-F-N4
SYN: 3-FLUORO-TRICYCLOQUINAZOLINE
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:920 mg/kg/1Y-I BJCAAI 16,275,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YD2980000 TRICYCLOQUINAZOLINE, 2-METHOXY-
UPDT:8401 CAS: 313-96-2 MW: 350.40 MOLFM: C22-H14-N4-O
SYN: 2-METHOXYTRICYCLOQUINAZOLINE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:1240 mg/kg/1Y-I BJCAAI 16,275,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YD2985000 TRICYCLOQUINAZOLINE, 3-METHOXY-
UPDT:8401 CAS: 2642-50-4 MW: 350.40 MOLFM: C22-H14-N4-O
SYN: 3-METHOXYTRICYCLOQUINAZOLINE
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:1200 mg/kg/50W-I BCPCA6 14,323,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YD2990000 TRICYCLOQUINAZOLINE, 1-METHYL-
UPDT:8401 CAS: 63041-14-5 MW: 334.40 MOLFM: C22-H14-N4
SYN: 1-METHYLTRICYCLOQUINAZOLINE
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:1240 mg/kg/1Y-I BJCAAI 16,275,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YD2995000 TRICYCLOQUINAZOLINE, 3-METHYL-
UPDT:8401 CAS: 28522-57-8 MW: 334.40 MOLFM: C22-H14-N4
SYN: 3-METHYLTRICYCLOQUINAZOLINE
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:1240 mg/kg/1Y-I BJCAAI 16,275,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YD3000000 TRICYCLOQUINAZOLINE, 4-METHYL-
UPDT:8401 CAS: 63041-15-6 MW: 334.40 MOLFM: C22-H14-N4
SYN: 4-METHYLTRICYCLOQUINAZOLINE
TUMORIGENIC DATA AND REFERENCES:
2V02R60 skn-mus TDLo:1240 mg/kg/1Y-I BJCAAI 16,275,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YD3005000 TRICYCLOQUINAZOLINE, 3,8,13-TRIMETHYL-
UPDT:8401 CAS: 63041-23-6 MW: 362.46 MOLFM: C24-H18-N4
SYN: 3,8,13-TRIMETHYLCYCLOQUINAZOLINE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:440 mg/kg/1Y-I BJCAAI 16,275,62
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1-TRIDECANAMINE, N,N-DITRIDECYL- see: YL7200000
1-TRIDECANECARBOXYLIC ACID see: QH4375000
TRIDECANEDIOIC ACID, CYCLIC ETHYLENE ESTER (8CI) see: YQ1927500
TRIDECANOL see: YD4200000
n-TRIDECANOL see: YD4200000

YD4150000 TRIDECANOL
UPDT:8305 CAS: 26248-42-0 MW: 200.41 MOLFM: C13-H28-O
IRRITATION DATA AND REFERENCES:
eye-rbt 82 mg MOD AIHAAP 34,493,73
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4750 mg/kg AIHAAP 34,493,73

YD4200000 1-TRIDECANOL
UPDT:8305 CAS: 112-70-9 MW: 200.41 MOLFM: C13-H28-O
SYN: TRIDECANOL * n-TRIDECANOL * TRIDECYL ALCOHOL * n-TRIDECYL ALCOHOL
IRRITATION DATA AND REFERENCES:
skn-rbt 410 mg open MLD UCDS** 10/14/64
TOXICITY DATA AND REFERENCES:
orl-rat LD50:17200 mg/kg NPIRI* 1,114,74
skn-rbt LD50:7070 mg/kg UCDS** 10/14/64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YD4550000 6-TRIDECANOL, 3,9-DIETHYL-, HYDROGEN SULFATE, SODIUM SALT
UPDT:8306 CAS: 3282-85-7 MW: 358.57 MOLFM: C17-H35-O4-S .Na
SYN: 3,9-DIETHYL-TRIDECYL-6-SULFATE * SODIUM 4-ETHYL-1-(3-ETHYLPENTYL)-1-OCTYL SULFATE * TERGITOL 7 * TERGITOL NO 7
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 1/20/72
eye-rbt 250 ug MLD AROPAW 34,99,45
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1430 mg/kg JIHTAB 23,478,41
skn-rbt LD50:3560 mg/kg UCDS** 1/20/72
orl-gpg LD50:425 mg/kg JIHTAB 23,478,41
skn-gpg LDLo:425 mg/kg JIHTAB 23,478,41
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1-TRIDECANOL, PHTHALATE see: TI1950000

YD4588000 2,6,9,11-TRIDECATETRAEN-4-OL, 13-(4-HYDROXY-5,6-DIMETHOXY-3-METHYL-2-PYRIDYL)-3,5,7,11- TETRAMETHYL-, (all-E)-(4S,5S)-
UPDT:8309 CAS: 2738-64-9 MW: 415.63 MOLFM: C25-H37-N-O4
SYN: PIERICIDIN * PIERICIDIN(sub 1) * PIERICIDIN A * PIERICIDIN-B * PIERICIDIN-B1 * PIERICIDINE A
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:55 mg/kg 85GDA2 5,91,81
* ipr-mus LD50:8 mg/kg 85ERAY 2,1170,78

TRIDECYL ALCOHOL see: YD4200000
n-TRIDECYL ALCOHOL see: YD4200000

YD5078000 TRIDECYLAMINE, N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8307 MW: 263.95 MOLFM: C15-H33-N .Cl-H
SYN: DIMETHYLTRIDECYLAMINE CHLORHYDRATE (French) * N,N-DIMETHYLTRIDECYLAMINE HYDROCHLORIDE * N,N-DIMETHYL-1-TRIDECYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:200 mg/kg CHTPBA 1,11,65

N-TRIDECYL-2,6-DIMETHYLMORPHOLINE see: QE2705000
4-TRIDECYL-2,6-DIMETHYLMORPHOLINE see: QE2705000

YD5225000 TRIDECYLHEXAETHOXYLATE
UPDT:8305
SYN: C13E6
IRRITATION DATA AND REFERENCES:
skn-hmn 50 mg/24H MLD FCTXAV 15,309,77
eye-mky 100% FCTXAV 15,309,77
skn-rbt 5 mg/24H MLD FCTXAV 15,309,77
eye-rbt 10 mg MOD FCTXAV 15,309,77
TOXICITY DATA AND REFERENCES:
3A11F05F07 orl-rat LD50:1400 mg/kg FCTXAV 15,309,77
3F07F12F19 ipr-rat LD50:209 mg/kg FCTXAV 15,309,77
3F07F12F19 ipr-mus LD50:177 mg/kg FCTXAV 15,309,77
3F07F12F19 ipr-mky LD50:333 mg/kg FCTXAV 15,309,77
3J08J16R03 skn-rbt LD50:6 gm/kg FCTXAV 15,309,77

TRIDESILON see: TU2800000
TRIDESTRIN see: KG8225000
TRIDEUTEROMETHYL ACETOXYMETHYLNITROSAMINE see: AI9155000
TRIDEX see: LQ8050000
TRIDEZIBARBITUR see: CQ6825000
TRI(2,4-DICHLOROPHENOXYETHYL) PHOSPHITE see: KK4950000
1,2,3-TRI(beta-DIETHYLAMINOETHOXY)BENZENE TRIETHIODIDE see: BS1100000
TRI(beta-DIETHYLAMINOETHOXY)-1,2,3-BENZENETRI-IODOETHYLATE see: BS1100000
TRIDILONA see: RQ2100000
TRIDEMORPH see: QE2705000
TRI-DIGITOXOSIDE (German) see: IH2275000
TRI(DIMETHYLAMINO)PHOSPHINEOXIDE see: TD0875000
TRIDIMITE (French) see: VV7335000
TRIDIONE see: RQ2100000
TRIDIPAM see: JO1400000
TRI-(3-DODECYL-1-METHYL-2-PHENYLBENZIMIDAZOLIUM) FERRICYANIDE see: DE2275000
TRIDONE see: RQ2100000
TRIDUS see: LU5800000
TRIDYMITE see: VV7335000
TRIELENE see: KX4550000
TRIELIN see: KX4550000
TRIELINA (Italian) see: KX4550000
TRIEN see: YE6650000
TRI-ENDOTHAL see: RN7875000
TRI-ENDOTHAL see: RN8225000
TRIENTINE see: YE6650000
1,2,4,5,9,10-TRIEPOXYDECANE see: HD9000000
TRIESIFENIDILE see: TN2625000
TRIESTE FLOWERS see: UR4200000
TRIETAZINE see: XY5425000
TRI-ETHANE see: KJ2975000
N,N',N''-TRI-1,2-ETHANEDIYLPHOSPHORIC TRIAMIDE see: SZ1750000
N,N',N''-TRI-1,2-ETHANEDIYLPHOSPHOROTHIOIC TRIAMIDE see: SZ2975000
N,N',N''-TRI-1,2-ETHANEDIYLTHIOPHOSPHORAMIDE see: SZ2975000
TRIETHANOLAMIN see: KL9275000
TRIETHANOLAMINE see: KL9275000
TRIETHANOLAMINE-COPPER complex see: KL9282000
TRIETHANOLAMINE DODECYLBENZENESULFONATE (DOT) see: [illegible]B6700000
TRIETHANOLAMINE DODECYL SULFATE see: WT1000000
TRIETHANOLAMINE LAURYL SULFATE see: WT1000000
TRIETHANOLAMINE METHANEARSONATE see: PA2630000
TRIETHANOLAMINE SILICIEE (French) see: JG6716000
TRIETHANOLAMINE TRIMETHACRYL ETHER see: OZ5215000 METHACRYLIC ACID, NITRILOTRIETHYLENEESTER
TRIETHANOMELAMINE see: XZ2100000
TRIETHAZINE see: XY5425000
3-(2,4,5-TRIETHOXYBENZOYL)PROPIONIC ACID see: UF8440000
5-(2,4,5-TRIETHOXYBENZYL)-2,4-THIAZOLIDINEDIONE see: XJ5950300
TRIETHOXYMETHANE see: RM6475000
2,4,5-TRIETHOXY-gamma-OXOBENZENEBUTANOIC ACID see: UF8440000
1,3,3-TRIETHOXYPROPANE see: TZ9450000
1,3,3-TRIETHOXY PROPENE see: AS1750000
1,3,3-TRIETHOXY-1-PROPENE see: AS1750000
TRIETHOXYSILANE see: VV6682000
TRIETHOXYVINYLSILANE see: VV6700000
TRIETHOXYVINYLSILICANE see: VV6700000
TRIETHYLALUMINIUM see: BD2050000
TRIETHYLALUMINUM see: BD2050000
TRIETHYLALUMINUM SESQUICHLORIDE see: BD1950000

YE0175000 TRIETHYLAMINE
UPDT:8412 CAS: 121-44-8 MW: 101.22 MOLFM: C6-H15-N
SYN: (DIETHYLAMINO)ETHANE * N,N-DIETHY[illegible]NAMINE * ETHANAMINE, N,N-DIETHYL- * TEN * TRIAETHYLAMIN (German) * TRIETHYL[illegible] (DOT) * TRIETILAMINA (Italian) * UN 1296 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MLD AMIHBC 4,119,51
skn-rbt 365 mg open MLD UCDS** 3/23/70

eye-rbt 250 mg open SEV AMIHBC 4,119,51
eye-rbt 50 ppm/30D-I SEV AMIHBC 3,287,51
MUTATION DATA AND REFERENCES:
cyt-rat-ihl 1 mg/m3 GISAAA 36(11),9,71
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 orl-rbt TDLo:6900 ug/kg (1-3D preg) FESTAS 15,97,64
TOXICITY DATA AND REFERENCES:
orl-rat LD50:460 mg/kg AMIHBC 4,119,51
ihl-rat LCLo:1000 ppm/4H AMIHBC 4,119,51
orl-mus LD50:546 mg/kg HYSAAV 30,351,65
* skn-rbt LD50:570 mg/kg AMIHBC 4,119,51
ihl-gpg LCLo:1000 ppm/4H JIHTAB 30,2,48
* ihl-mam LC50:19 gm/m3 TPKVAL 14,80,75
REVIEW AND REFERENCES:
★ TLV-TWA 10 ppm; STEL 15 ppm DTLWS* 4,414,81
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 25 ppm (SCP-K) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172,101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S152
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE0450000 TRIETHYLAMINE, 2-(BENZO(g)QUINOLIN-4-YLAMINO)-, DIPHOSPHATE
UPDT:8407 CAS: 56548-51-7 MW: 487.43 MOLFM: C19-H21-N3 H6-O8-P2
SYN: DABEQUINE * G 800
TOXICITY DATA AND REFERENCES:
2F23J30 orl-mus LD50:1720 mg/kg MPPBAB 49(6),27,80

YE0506000 TRIETHYLAMINE, 2-(p-(p-(BENZYLOXY)-alpha-METHYLSTYRYL)PHENOXY)-, HYDROCHLORIDE
UPDT:8403 CAS: 15624-29-0 MW: 452.08 MOLFM: C28-H33-N-O2 Cl-H
SYN: 2-(p-(p-(BENZYLOXY)-alpha-METHYLSTYRYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:2 mg/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE0507000 TRIETHYLAMINE, 2-(p-(p-(BENZYLOXY)-beta-METHYLSTYRYL)PHENOXY)-, HYDROCHLORIDE
UPDT:8403 CAS: 15624-28-9 MW: 452.08 MOLFM: C28-H33-N-O2 Cl-H
SYN: 2-(p-(p-(BENZYLOXY)-beta-METHYLSTYRYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:4 mg/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE0510000 TRIETHYLAMINE, 2-(m-BENZYLPHENOXY)-, HYDROCHLORIDE
UPDT:8311 MW: 319.91 MOLFM: C19-H25-N-O Cl-H
SYN: 2-(m-BENZYLPHENOXY)TRIETHYLAMINE HYDROCHLORIDE * 1828 F
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:375 mg/kg APFRAD 5,7,47

YE0525000 TRIETHYLAMINE, 2-(2-BIPHENYLYLOXY)-, HYDROCHLORIDE
UPDT:8311 CAS: 1734-91-4 MW: 305.88 MOLFM: C18-H23-N-O Cl-H
SYN: 2-(2-BIPHENYLYLOXY)TRIETHYLAMINE HYDROCHLORIDE * DACORENE HYDROCHLORIDE * 2-(DIETHYLAMINOETHOXY)DIPHENYL * 1262 F * F 1262
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:125 mg/kg BJPCAL 1,90,46
* scu-mus LDLo:125 mg/kg APFRAD 5,7,47
ivn-mus LD50:27 mg/kg BJPCAL 1,90,46

YE0610000 TRIETHYLAMINE, 2-(p-(1,2-BIS(p-METHOXYPHENYL)-1-BUTENYL)PHENOXY)-, CITRATE
UPDT:8403 CAS: 42920-39-8 MW: 651.82 MOLFM: C30-H37-N-O3 C6-H8-O7
SYN: 2-(p-(1,2-BIS(p-METHOXYPHENYL)-1-BUTENYL)PHENOXY)TRIETHYLAMINE CITRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:150 ug/kg (1-3D preg) JMCMAR 14,952,71
1T22 scu-rat TDLo:450 ug/kg (1-3D preg) JMCMAR 14,952,71
1T22 orl-mus TDLo:1800 ug/kg (4-6D preg) JMCMAR 14,952,71
1T22 scu-mus TDLo:720 ug/kg (1-3D preg) JMCMAR 14,952,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE0612000 TRIETHYLAMINE, 2-(p-(1,2-BIS(p-METHOXYPHENYL)-1-BUTENYL)PHENOXY)-, HYDROCHLORIDE, (E)-
UPDT:8403 CAS: 35258-12-9 MW: 496.14 MOLFM: C30-H37-N-O3 Cl-H
SYN: trans-2-(p-(1,2-BIS(p-METHOXYPHENYL)-1-BUTENYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE * trans-1,2-BIS(p-METHOXYPHENYL)-1-(p-(2-(N,N-DIETHYLAMINO)ETHOXY)PHENYL)BUT-1-ENE HCl * H-1067
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:30 ug/kg (1-3D preg) JRPFA4 34,23,73
1T22 scu-rat TDLo:45 ug/kg (1-3D preg) JRPFA4 34,23,73
1T22 orl-mus TDLo:240 ug/kg (1-3D preg) JRPFA4 34,23,73
1T22 scu-mus TDLo:360 ug/kg (1-3D preg) JRPFA4 34,23,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE0614000 TRIETHYLAMINE, 2-(p-(1,2-BIS(p-METHOXYPHENYL)-1-BUTENYL)PHENOXY)-, HYDROCHLORIDE, (Z)-
UPDT:8403 CAS: 42824-35-1 MW: 496.14 MOLFM: C30-H37-N-O3 Cl-H
SYN: cis-2-(p-(1,2-BIS(p-METHOXYPHENYL)-1-BUTENYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE * H-1438
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-mus TDLo:1200 ug/kg (1-3D preg) JRPFA4 34,23,73
1T22 scu-mus TDLo:1200 ug/kg (1-3D preg) JRPFA4 34,23,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE0620000 TRIETHYLAMINE, 2-(p-(1,2-BIS(p-METHOXYPHENYL)-3-METHYL-1-BUTENYL)PHENOXY)-, HYDROCHLORIDE
UPDT:8403 MW: 510.17 MOLFM: C31-H39-N-O3 Cl-H
SYN: 2-(p-(1,2-BIS(p-METHOXYPHENYL)-3-METHYL-1-BUTENYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE * 1-(p-(2-(N,N-DIETHYLAMINO)ETHOXY)PHENYL)-1,2-DI-(p-METHOXYPHENYL)-3-METHYL-BUT-1-ENE HCl * ETHANAMINE, 2-(4-(1,2-BIS(4-METHOXYPHENYL)-3-METHYL-1-BUTENYL)PHENOXY)-N,N-DIETHYL-, HCl * :4 1076 HYDROCHLORIDE * J 1076 (AMINE) HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:180 ug/kg (1-3D preg) JRPFA4 34,23,73
1T13 par-mus TDLo:80 mg/kg (1D pre) JRPFA4 34,29,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE0625000 TRIETHYLAMINE, 2-(p-(1,2-BIS(p-METHOXYPHENYL)-3-METHYLBUTYL)PHENOXY)-, HYDROCHLORIDE
UPDT:8403 CAS: 42824-26-0 MW: 510.17 MOLFM: C31-H39-N-O3 Cl-H
SYN: 2-(p-(1,2-BIS(p-METHOXYPHENYL)-3-METHYLBUTYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:720 ug/kg (4-6D preg) JMCMAR 14,952,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE0630000 TRIETHYLAMINE, 2-(p-(1-(BIS(p-METHOXYPHENYL)METHYLENE)PROPYL)PHENOXY)-, HYDROCHLORIDE
UPDT:8403 CAS: 42824-39-5 MW: 496.14 MOLFM: C30-H37-N-O3 Cl-H
SYN: 2-(p-(1-(BIS(p-METHOXYPHENYL)METHYLENE)PROPYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE * H-1379
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-mus TDLo:12 mg/kg (1-3D preg) JRPFA4 34,23,73
1T22 scu-mus TDLo:18 mg/kg (1-3D preg) JRPFA4 34,23,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE0635000 TRIETHYLAMINE, 2-(p-(1,2-BIS(p-METHOXYPHENYL)-1-PROPENYL)PHENOXY)-, CITRATE (1:1)
UPDT:8403 CAS: 42824-33-9 MW: 637.79 MOLFM: C29-H35-N-O3 C6-H8-O7
SYN: 2-(p-(1,2-BIS(p-METHOXYPHENYL)-1-PROPENYL)PHENOXY)TRIETHYLAMINE CITRATE (1:1) * H-282
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:2400 ug/kg (1-3D preg) JRPFA4 34,23,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE0640000 TRIETHYLAMINE, 2-(p-(1,2-BIS(p-METHOXYPHENYL)PROPENYL)PHENOXY)-, CITRATE, MONOHYDRATE
UPDT:8403 CAS: 2041-74-9 MW: 655.81 MOLFM: C29-H35-N-O3 C6-H8-O7 H2-O
SYN: 2-(p-(1,2-BIS(p-METHOXYPHENYL)PROPENYL)PHENOXY)TRIETHYLAMINE CITRATE HYDRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:150 ug/kg (1-3D preg) JMCMAR 14,952,71
1T22 scu-rat TDLo:150 ug/kg (1-3D preg) JMCMAR 14,952,71
1T22 scu-mus TDLo:2400 ug/kg (1-3D preg) JMCMAR 14,952,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE0666000 TRIETHYLAMINE, 2-(p-(beta-BROMO-p-METHOXY-alpha-PHENYLSTYRYL)-2,6-DIMETHYLPHENOXY)-
UPDT:8412 MW: 508.55 MOLFM: C29-H34-Br-N-O2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:20 mg/kg (4D pre) BJPCBM 57,487,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE0690000 TRIETHYLAMINE, 2-((p-BUTOXYPHENETHYL)OXY)-
UPDT:8411 CAS: 27078-31-5 MW: 293.50 MOLFM: C18-H31-N-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:125 mg/kg CHTPBA 5,10,70

YE0700000 TRIETHYLAMINE, 2-CHLORO-
UPDT:8407 CAS: 100-35-6 MW: 135.66 MOLFM: C6-H14-Cl-N
SYN: N-(2-CHLOROETHYL)DIETHYLAMINE * (2-CHLOROETHYL)DIETHYLAMINE * beta-CHLOROTRIETHYLAMINE * 2-CHLOROTRIETHYLAMINE * 2-(DIETHYLAMINO)CHLOROETHANE * DIETHYLAMINOETHYL CHLORIDE * beta-(DIETHYLAMINO)ETHYL CHLORIDE * N-DIETHYLAMINOETHYL CHLORIDE * 2-(DIETHYLAMINO)ETHYL CHLORIDE * DIETHYL(2-CHLOROETHYL)AMINE
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open MOD AMIHBC 4,119,51
eye-rbt 2 mg open SEV AMIHBC 4,119,51
MUTATION DATA AND REFERENCES:
dni-mus-ivg 5000 ppm JIDEAE 62,378,74
TOXICITY DATA AND REFERENCES:
orl-rat LD50:17 mg/kg AMIHBC 4,119,51
skn-rbt LD50:300 mg/kg AMIHBC 4,119,51
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE0800000 TRIETHYLAMINE, 2-(p-(2-CHLORO-1,2-DIPHENYLVINYL)PHENOXY)-
UPDT:8412 CAS: 911-45-5 MW: 406.00 MOLFM: C26-H28-Cl-N-O
SYN: CHLOMAPHENE * CHLORAMIFENE * CHLORAMIPHENE * 2-(4-(2-CHLORO-1,2-DIPHENYLETHENYL)PHENOXY)-N,N-DIETHYLETHANAMINE * 2-(p-(beta-CHLORO-alpha-PHENYLSTYRYL)PHENOXY)-TRIETHYLAMINE * CISCLOMIPHENE * CLOMIFENE * CLOMIPHENE * CLOMIPHENE B * 1-(p-(beta-DIETHYLAMINOETHOXY)-PHENYL)-1,2-DIPHENYLCHLOROETHYLENE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T47T50T53 unk-wmn TDLo:15 mg/kg (15D pre) LANCAO 2,1262,75
2T41T71 unk-wmn TDLo:5 mg/kg (5D pre) UMJOAJ 45,59,76
2T35T41 unk-wmn TDLo:120 mg/kg (15D pre) UMJOAJ 45,59,76
2T41T75 unk-wmn TDLo:15 mg/kg (15D pre) UMJOAJ 45,59,76
1T27 unk-wmn TDLo:10 mg/kg (5D pre) UMJOAJ 45,59,76
1T22 orl-rat TDLo:2400 ug/kg (8D pre) FESTAS 16,195,65
1T03 orl-rat TDLo:7480 ug/kg (55D male) JRPFA4 14,39,67
3T55T46T13 orl-rat TDLo:9900 ug/kg (6-14D preg) TXAPA9 10,565,67
1T34 orl-rat TDLo:486 mg/kg (6-14D preg) TXAPA9 10,565,67
1T53 orl-rat TDLo:99 mg/kg (6-14D preg) TXAPA9 10,565,67
2T24T29 orl-rat TDLo:600 ug/kg (1-4D preg) FESTAS 16,495,65
2T16T71 orl-rat TDLo:4500 ug/kg (8-22D preg) FESTAS 16,195,65
1T29 unk-rat TDLo:600 ug/kg (1-4D preg) ANREAK 148,274,64
1T29 unk-rat TDLo:600 ug/kg (9-10D preg) PICFEE 8,413,67
1T22 unk-rat TDLo:2 mg/kg (1-4D preg) 85GUAJ -,164,66
1T24 orl-mus TDLo:3 mg/kg (2D preg) JRPFA4 15,223,68
1T29 orl-mus TDLo:10 mg/kg (1D preg) JRPFA4 16,363,68
1T13 scu-mus TDLo:312 ug/kg (3D pre) FESTAS 20,211,69
1T29 orl-rbt TDLo:6600 ug/kg (1-3D preg) FESTAS 15,97,64
1T24 scu-rbt TDLo:6 mg/kg (1-3D preg) FESTAS 20,211,69
TUMORIGENIC DATA AND REFERENCES:
3V01B60R60 orl-wmn TDLo:15 mg/kg/13W-I LANCAO 2,1176,77
3V03R60P61 orl-mus TDLo:552 mg/kg/69W-I PEXTAR 11,440,69
TOXICITY DATA AND REFERENCES:
1J25 orl-mus LD50:1700 mg/kg FEPRA7 20,419,61
1J25 ipr-mus LD50:390 mg/kg FEPRA7 20,419,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE0810000 TRIETHYLAMINE, 2-(p-(2-CHLORO-1,2-DIPHENYLVINYL)PHENOXY)-, (E)-
UPDT:8408 CAS: 15690-57-0 MW: 406.00 MOLFM: C26-H28-Cl-N-O
SYN: trans-2-(4-(2-CHLORO-1,2-DIPHENYLETHENYL)PHENOXY)-N,N-DIETHYLETHANAMINE * trans-2-(p-(2-CHLORO-1,2-DIPHENYLVINYL)PHENOXY)TRIETHYLAMINE * trans-CLOMIFENE * trans-CLOMIPHENE * ENCLOMIPHENE * ETHANAMINE, 2-(4-(2-CHLORO-1,2-DIPHENYLETHENYL)PHENOXY)-N,N-DIETHYL-, (E)- (9CI) * ICI 46476
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-rat TDLo:2 mg/kg (1D pre) AEMBAP 138,87,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE0820000 TRIETHYLAMINE, 2-(p-(2-CHLORO-1,2-DIPHENYLVINYL)PHENOXY)-, (Z)-
UPDT:8408 CAS: 15690-55-8 MW: 406.00 MOLFM: C26-H28-Cl-N-O
SYN: cis-2-(4-(2-CHLORO-1,2-DIPHENYLETHENYL)PHENOXY)-N,N-DIETHYLETHANAMINE * cis-2-(p-(2-CHLORO-1,2-DIPHENYLVINYL)PHENOXY)TRIETHYLAMINE * cis-CLOMIFENE * cis-CLOMIPHENE * ETHANAMINE, 2-(4-(2-CHLORO-1,2-DIPHENYLETHENYL)PHENOXY)-N,N-DIETHYL-, (Z)- (9CI) * ZUCLOMIFENE * ZUCLOMIPHENE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-rat TDLo:2 mg/kg (1D pre) AEMBAP 138,87,82

BEST COPY

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE0875000 TRIETHYLAMINE, 2-(p-(2-CHLORO-1,2-DIPHENYLVINYL)PHENOXY)-, CITRATE (1:1)
UPDT 8412 CAS: 50-41-9 MW: 598.14 MOLFM: C26-H28-Cl-N-O.C6-H8-O7
SYN: CHLORAMIPHENE * CHLORAMIPHENE CITRATE * 2-CHLORO-1-(p-(beta-DIETHYLAMINOETHOXY)PHENYL)-1,2-DIPHENYLETHYLENE * 2-(p-(2-CHLORO-1,2-DIPHENYLVINYL)PHENOXY)TRIETHYLAMINE CITRATE * 2-(p-(2-CHLORO-1,2-DIPHENYLVINYL)PHENOXY)TRIETHYLAMINE CITRATE (1:1) * CLOMID * CLOMIFEN CITRATE * CLOMIFENO * CLOMIPHENE CITRATE * CLOMIPHENE DIHYDROGEN CITRATE * CLOMIPHENE-R * CLOMIPHINE * CLOMIVID * CLOMPHID * 1-(p-(beta-DIETHYLAMINOETHOXY)PHENYL)-1,2-DIPHENYL-2-CHLOROETHYLENE CITRATE * DYNERIC * GENOZYM * IRACLOMIN * MER-41 * MRL 41 * NSC 35770 * OMIFIN * RACEMIC CLOMIPHENE CITRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 orl-man TDLo:43 mg/kg (60D male) JCEMAZ 29,638,69
1T42 unk-wmn TDLo:15 mg/kg (15D pre) LANCAO 2,1107,81
1T23 orl-rat TDLo:150 mg/kg (30D male) FEPRA7 20,419,61
2T76T81 orl-rat TDLo:3 mg/kg (9-14D preg) OYYAA2 4,635,70
2T02T03 orl-rat TDLo:3500 ug/kg (7D male) TXAPA9 21,80,72
2T14T22 orl-rat TDLo:600 ug/kg (6D pre) PSEBAA 105,197,60
3T34T46T86 orl-rat TDLo:6 mg/kg (9-14D preg) OYYAA2 4,635,70
1T24 orl-rat TDLo:7 mg/kg (1-7D preg) FESTAS 13,472,62
1T22 orl-rat TDLo:100 ug/kg (1D preg) JRPFA4 13,373,67
1T22 skn-rat TDLo:50 ug/kg (1-5D preg) JRPFA4 13,373,67
1T24 scu-rat TDLo:500 ug/kg (1D preg) ENDOAO 78,82,66
1T31 scu-rat TDLo:2 mg/kg (10D preg) PSDTAP 12,299,71
1T53 scu-rat TDLo:2 mg/kg (12D preg) JSTBBK 12,47,80
3T12T13T19 scu-rat TDLo:2500 ug/kg (1D pre) JSTBBK 12,47,80
2T14T22 scu-rat TDLo:1800 ug/kg (6D pre) PSEBAA 105,197,60
2T34T35 scu-rat TDLo:2 mg/kg (8D preg) PSDTAP 12,299,71
3T01T02T03 ims-rat TDLo:448 mg/kg (28D male) INJFA3 24,170,79
1T23 ims-rat TDLo:448 mg/kg (28D male) INJFA3 24,170,79
1T29 ice-rat TDLo:5 ug/kg (1D pre) JRPFA4 24,45,71
3T12T13T91 par-rat TDLo:2 mg/kg (5D preg) SCIEAS 204,629,79
1T53 par-rat TDLo:2 mg/kg (5D preg) OGSUA8 35,12,80
2T53T91 par-rat TDLo:2 mg/kg (5D preg) AEMBAP 138,87,82
1T29 par-rat TDLo:625 ug/kg (1D pre) ARGYAJ 221,103,76
1T34 orl-mus TDLo:96 mg/kg (9-14D preg) OYYAA2 4,645,70
1T24 orl-mus TDLo:3 mg/kg (3D preg) JJEMAG 43,9,73
1T22 scu-mus TDLo:12 mg/kg (1-3D preg) JRPFA4 9,277,65
2T01T03 orl-dog TDLo:1325 mg/kg (53W male) TXAPA9 9,44,66
2T12T13 orl-dog TDLo:1325 mg/kg (53W pre) TXAPA9 9,44,66
2T24T34 orl-rbt TDLo:40 mg/kg (2-5D preg) CCPTAY 2,85,70
1T29 orl-rbt TDLo:500 mg/kg (1D pre) FESTAS 38,238,82
1T22 scu-rbt TDLo:20 mg/kg (10D pre) FESTAS 23,196,72
1T24 scu-rbt TDLo:7500 ug/kg (2D preg) FESTAS 18,18,67
1T25 scu-rbt TDLo:30 mg/kg (10-12D preg) FESTAS 18,18,67
2T24T34 scu-rbt TDLo:4 mg/kg (2D preg) TNEOAO 18,57,64
1T35 scu-rbt TDLo:30 mg/kg (10-15D preg) TNEOAO 18,57,64
2T24T34 unk-rbt TDLo:1200 ug/kg (1-24D preg) CCPTAY 2,85,70
3T01T02T03 orl-mam TDLo:700 mg/kg (14D male) ANENAG 44,131,83
TUMORIGENIC DATA AND REFERENCES:
2V03T64 scu-rat TDLo:2500 ug/kg JSTBBK 12,47,80
2V03T63 par-rat TDLo:2 mg/kg OGSUA8 35,12,80
2V03T64 par-rat TD :50 mg/kg SCIEAS 197,164,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5750 mg/kg TXAPA9 9,44,66
ipr-rat LD50:530 mg/kg TXAPA9 9,44,66
orl-mus LD50:1700 mg/kg OYYAA2 3,187,69
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLECAP 4,551,75
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 21,551,79
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE IARC** 21,551,79
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE0925000 TRIETHYLAMINE, 2-(p-(2-CHLORO-1,2-DIPHENYLVINYL)PHENOXY)-, CITRATE, (E)-
UPDT 8408 CAS: 7599-79-3 MW: 598.14 MOLFM: C26-H28-Cl-N-O.C6-H8-O7
SYN: trans-CLOMIFENE CITRATE * trans-CLOMIPHENE CITRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T01T02T03 scu-rat TDLo:30 mg/kg (60D male) IJEBA6 11,23,73
2T39T81 ims-rbt TDLo:90 mg/kg (21-26D preg) TXAPA9 23,339,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE0930000 TRIETHYLAMINE, 2-(p-(2-CHLORO-1,2-DIPHENYLVINYL)PHENOXY)-, CITRATE (1:1), (Z)-
UPDT 8408 CAS: 7619-53-6 MW: 598.14 MOLFM: C26-H28-Cl-N-O.C6-H8-O7
SYN: CLOMIPHENE A CITRATE * cis-CLOMIPHENE CITRATE * ZUCLOMIPHENE CITRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T03 scu-rat TDLo:30 mg/kg (60D male) IJEBA6 11,23,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE1050000 TRIETHYLAMINE, 2-CHLORO-, HYDROCHLORIDE
UPDT 8310 CAS: 869-24-9 MW: 172.12 MOLFM: C6-H14-Cl-N.Cl-H
SYN: beta-CHLOROETHYLDIETHYLAMINE HYDROCHLORIDE * (2-CHLOROETHYL)DIETHYLAMINE HYDROCHLORIDE * 2-CHLOROTRIETHYLAMINEHYDROCHLORIDE * beta-DIETHYLAMINOETHYL CHLORIDE HYDROCHLORIDE * DIETHYL-beta-CHLOROETHYLAMINEHYDROCHLORIDE
MUTATION DATA AND REFERENCES:
mmo-sat 500 nmol/L ENMUDM 3,11,81
mmo-esc 1 umol/L JPPMAB 31,67P,79
dns-rat:lvr 100 umol/L ENMUDM 3,11,81
msc-mus:lym 22 umol/L ENMUDM 3,33,81
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:30 mg/kg CPBTAL 8,807,60
scu-mus LD50:100 mg/kg JPETAB 91,224,47
ivn-mus LD50:100 mg/kg JPETAB 91,224,47
ivn-rbt LDLo:40 mg/kg JPETAB 91,224,47
orl-bwd LD50:42 mg/kg TXAPA9 21,315,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

YE1110000 TRIETHYLAMINE, 2-((m-CHLOROPHENETHYL)OXY)-
UPDT 8411 CAS: 27078-27-9 MW: 255.82 MOLFM: C14-H22-Cl-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:125 mg/kg CHTPBA 5,10,70

YE1115000 TRIETHYLAMINE, 2-((o-CHLOROPHENETHYL)OXY)-
UPDT 8411 CAS: 27078-26-8 MW: 255.82 MOLFM: C14-H22-Cl-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:125 mg/kg CHTPBA 5,10,70

YE1120000 TRIETHYLAMINE, 2-((p-CHLOROPHENETHYL)OXY)-
UPDT 8412 CAS: 27078-28-0 MW: 255.82 MOLFM: C14-H22-Cl-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:125 mg/kg CHTPBA 5,10,70

YE1148600 TRIETHYLAMINE, 2-(p-(2-(p-CHLOROPHENYL)-1,2,3,4-TETRAHYDRO-1-NAPHTHYL)PHENYL)-, (Z)-
UPDT 8401 MW: 434.06 MOLFM: C28-H32-Cl-N-O
SYN: cis-2-(p-(2-(p-CHLOROPHENYL)-1,2,3,4-TETRAHYDRO-1-NAPHTHYL)PHENYL)TRIETHYLAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:80 ug/kg (1-4D preg) EXPEAM 21,261,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE1191000 TRIETHYLAMINE, 2-(CINNAMYLOXY)-
UPDT 8411 CAS: 27078-41-7 MW: 233.39 MOLFM: C15-H23-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:125 mg/kg CHTPBA 5,10,70

YE1200000 TRIETHYLAMINE, 2-((2,4-DIACETYL-5-BENZOFURANYL)OXY)-, HYDROCHLORIDE
UPDT 8412 MW: 353.86 MOLFM: C18-H23-N-O4.Cl-H
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:150 mg/kg APFRAD 41,603,83

YE1655000 TRIETHYLAMINE, 2-(m-(alpha,beta-DIETHYLSTYRYL)PHENOXY)-, HYDROCHLORIDE
UPDT 8311 MW: 388.04 MOLFM: C24-H33-N-O.Cl-H
SYN: 2-(m-(alpha,beta-DIETHYLSTYRYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE * 2476 F
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:500 mg/kg APFRAD 5,7,47

YE1658000 TRIETHYLAMINE, 2-((6,11-DIHYDRODIBENZO(b,e)THIEPIN-11-YL)OXY)-, FUMARATE (1:1)
UPDT 8412 CAS: 749-59-7 MW: 443.60 MOLFM: C20-H25-N-O-S.C4-H4-O4
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:27500 ug/kg ARZNAD 15,524,45

YE1662000 TRIETHYLAMINE, 2-(m-(alpha,beta-DIISOPROPYLSTYRYL)PHENOXY)-, HYDROCHLORIDE
UPDT 8311 MW: 416.10 MOLFM: C26-H37-N-O.Cl-H
SYN: 2-(m-(alpha,beta-DIISOPROPYLSTYRYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE * 2513 F
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:125 mg/kg APFRAD 5,7,47

YE1672000 TRIETHYLAMINE, 2,2'''-((1,2-DIMETHYLETHYLENE)BIS(p-PHENYLENEOXY))BIS-, DIHYDROCHLORIDE, (+-)-
UPDT 8403 CAS: 15542-20-8 MW: 513.66 MOLFM: C28-H44-N2-O2.2Cl-H
SYN: dl-2,2'''-((1,2-DIMETHYLETHYLENE)BIS(p-PHENYLENEOXY))BIS(TRIETHYLAMINE) DIHYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:40 mg/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE1674000 TRIETHYLAMINE, 2,2'''-((1,2-DIMETHYLETHYLENE)BIS(p-PHENYLENEOXY))BIS-, DIHYDROCHLORIDE, meso-
UPDT 8403 CAS: 15515-40-9 MW: 513.66 MOLFM: C28-H44-N2-O2.2Cl-H
SYN: meso-2,2'''-((1,2-DIMETHYLETHYLENE)BIS(p-PHENYLENEOXY))BIS(TRIETHYLAMINE) DIHYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:90 mg/kg (1-3D preg) JPETAB 165,52,69
1T13 ivg-mus TDLo:40 mg/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE1677000 TRIETHYLAMINE, 2-(p-(alpha,beta-DIMETHYL-p-METHOXYPHENETHYL)PHENOXY)-, HYDROCHLORIDE, threo-
UPDT 8403 CAS: 15622-99-1 MW: 392.02 MOLFM: C23-H33-N-O2.Cl-H
SYN: threo-2-(p-(alpha,beta-DIMETHYL-p-METHOXYPHENETHYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:2 mg/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE1680000 TRIETHYLAMINE, 2-(p-(2,2-DIMETHYL-7-METHOXY-3-PHENYL-2H-1-BENZOPYRAN-4-YL)PHENOXY)-, HYDROCHLORIDE
UPDT 8401 CAS: 57897-48-0 MW: 494.12 MOLFM: C30-H35-N-O3.Cl-H
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:50 mg/kg (1-5D preg) JMCMAR 19,276,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE1689000 TRIETHYLAMINE, 2-(2,6-DIMETHYL-4-(p-METHOXY-alpha-PHENYLSTYRYL)PHENOXY)-
UPDT 8412 MW: 429.65 MOLFM: C29-H35-N-O2
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:80 mg/kg (4D pre) BJPCBM 57,487,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE1690000 TRIETHYLAMINE, 2-(p-(alpha,beta-DIMETHYL-p-METHOXYSTYRYL)PHENOXY)-, HYDROCHLORIDE
UPDT 8403 CAS: 15542-03-7 MW: 390.01 MOLFM: C23-H31-N-O2.Cl-H
SYN: 2-(p-(alpha,beta-DIMETHYL-p-METHOXYSTYRYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:2 mg/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE1693000 TRIETHYLAMINE, 2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)-, CITRATE
UPDT 8406 CAS: 53330-18-0 MW: 459.65 MOLFM: C17-H33-N-O.C6-H8-O7
SYN: 2-(2-(6,6-DIMETHYL-2-NORPINANYL)ETHOXY)TRIETHYLAMINE CITRATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:23 mg/kg APFRAD 40,133,82

YE1694000 TRIETHYLAMINE, 2-(2-(6,6-DIMETHYL-2-NORPINEN-2-YL)ETHOXY)-, CITRATE
UPDT 8406 CAS: 68342-79-0 MW: 457.63 MOLFM: C17-H31-N-O.C6-H8-O7
SYN: 2-(2-(6,6-DIMETHYL-2-NORPINEN-2-YL)ETHOXY)TRIETHYLAMINE CITRATE * NOPOXAMINE CITRATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:24 mg/kg APFRAD 40,133,82

YE1695000 TRIETHYLAMINE, 2-(2-(6,6-DIMETHYL-2-NORPINEN-2-YL)ETHOXY)-, HYDROCHLORIDE
UPDT 8406 CAS: 7712-50-7 MW: 301.95 MOLFM: C17-H31-N-O.Cl-H
SYN: 2-(2-(6,6-DIMETHYL-2-NORPINEN-2-YL)ETHOXY)TRIETHYLAMINE HYDROCHLORIDE * MYRTECAINE * NOPOXAMINE
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:273 mg/kg APFRAD 40,133,82

YE1696000 TRIETHYLAMINE, 2-(2-(6,6-DIMETHYL-2-NORPINEN-2-YL)ETHOXY)-, MALEATE
UPDT 8406 MW: 381.57 MOLFM: C17-H31-N-O.C4-H4-O4
SYN: 2-(2-(6,6-DIMETHYL-2-NORPINEN-2-YL)ETHOXY)TRIETHYLAMINE MALEATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:15 mg/kg APFRAD 40,133,82

YE1697000 TRIETHYLAMINE, 1,1'-DIMETHYL-2''-(PHENETHYLOXY)-
UPDT 8411 CAS: 27021-43-8 MW: 249.44 MOLFM: C16-H27-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:60 mg/kg CHTPBA 5,10,70

YE1698000 TRIETHYLAMINE, 2-((2,6-DIMETHYLPHENETHYL)OXY)-
UPDT 8411 CAS: 27021-47-2 MW: 249.44 MOLFM: C16-H27-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:125 mg/kg CHTPBA 5,10,70

YE1730000 TRIETHYLAMINE, 2-(m-(alpha,beta-DIMETHYLSTYRYL)PHENOXY)-, HYDROCHLORIDE
UPDT 8311 MW: 359.98 MOLFM: C22-H29-N-O Cl-H
SYN: 2-(m-(alpha,beta-DIMETHYLSTYRYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE * 2483 F
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:500 mg/kg APFRAD 5,7,47

YE1750000 TRIETHYLAMINE, 2,2'''-((DIMETHYLVINYLENE)BIS(p-PHENYLENEOXY))BIS-, (E)-
UPDT 8403 CAS: 15542-01-5 MW: 438.72 MOLFM: C28-H42-N2-O2
SYN: trans-2,2'''-((DIMETHYLVINYLENE)BIS(p-PHENYLENEOXY))BIS(TRIETHYLAMINE)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:40 mg/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE1780000 TRIETHYLAMINE, 2-(p-(2,4-DIPHENYL-3-FURYL)PHENOXY)-
UPDT 8403 CAS: 54756-55-7 MW: 411.58 MOLFM: C28-H29-N-O2
SYN: 2-(p-(2,4-DIPHENYL-3-FURYL)PHENOXY)TRIETHYLAMINE * ETHANAMINE, 2-(4-(2,4-DIPHENYL-3-FURANYL)PHENOXY)-N,N-DIETHYL-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:25 mg/kg (1-5D preg) IJOCAP 12,1144,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE1790000 TRIETHYLAMINE, 2-(p-(3,4-DIPHENYL-2-FURYL)PHENOXY)-
UPDT 8403 CAS: 54756-53-5 MW: 411.58 MOLFM: C28-H29-N-O2
SYN: 2-(p-(3,4-DIPHENYL-2-FURYL)PHENOXY)TRIETHYLAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:25 mg/kg (1-5D preg) IJOCAP 12,1144,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TRIETHYLAMINE (DOT) see: YE0175000

YE2101000 TRIETHYLAMINE, 2-(p-(beta-ETHYL-alpha-(p-METHOXYPHENYL)STYRYL)PHENOXY)-
UPDT 8403 CAS: 35258-20-9 MW: 429.65 MOLFM: C29-H35-N-O2
SYN: 2-(p-(beta-ETHYL-alpha-(p-METHOXYPHENYL)STYRYL)PHENOXY)TRIETHYLAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:2160 ug/kg (4-6D preg) JMCMAR 14,952,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2102000 TRIETHYLAMINE, 2-(p-(beta-ETHYL-alpha-PHENYLSTYRYL)PHENOXY)-
UPDT 8403 CAS: 749-86-0 MW: 399.62 MOLFM: C28-H33-N-O
SYN: 2-(p-(beta-ETHYL-alpha-PHENYLSTYRYL)PHENOXY)TRIETHYLAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:2160 ug/kg (4-6D preg) JMCMAR 14,952,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2112600 TRIETHYLAMINE, 2-(p-(p-METHOXY-alpha,beta-DIMETHYLPHENETHYL)PHENOXY)-, HYDROCHLORIDE, erythro-
UPDT 8403 CAS: 15515-39-6 MW: 392.03 MOLFM: C23-H33-N-O2 Cl-H
SYN: erythro-2-(p-(p-METHOXY-alpha,beta-DIMETHYLPHENETHYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:3 mg/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2112700 TRIETHYLAMINE, 2-(p-(6-METHOXY-2-(p-METHOXYPHENYL)-2-INDENYL)PHENOXY)-, HYDRIODIDE
UPDT 8403 MW: 571.54 MOLFM: C29-H33-N-O3 H-I
SYN: 2-(p-(6-METHOXY-2-(p-METHOXYPHENYL)-2-INDENYL)PHENOXY)TRIETHYLAMINE HYDRIODIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:17500 ug/kg (7D pre) JMCMAR 8,52,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2112750 TRIETHYLAMINE, 2-(p-(6-METHOXY-2-(p-METHOXYPHENYL)-3-INDENYL)PHENOXY)-, HYDRIODIDE
UPDT 8403 MW: 571.54 MOLFM: C29-H33-N-O3 H-I
SYN: 2-(p-(6-METHOXY-2-(p-METHOXYPHENYL)-3-INDENYL)PHENOXY)TRIETHYLAMINE HYDRIODIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:17500 ug/kg (7D pre) CHINAG 51,2098,61
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2112800 TRIETHYLAMINE, 2-(p-(p-METHOXY-alpha-METHYLPHENETHYL)PHENOXY)-, CITRATE
UPDT 8403 CAS: 15624-34-7 MW: 533.68 MOLFM: C22-H31-N-O2 C6-H8-O7
SYN: 2-(p-(p-METHOXY-alpha-METHYLPHENETHYL)PHENOXY)TRIETHYLAMINE CITRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 scu-mus TDLo:40 mg/kg (1D pre) JPETAB 165,52,69
1T13 ivg-mus TDLo:12 mg/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2112850 TRIETHYLAMINE, 2-(p-(p-METHOXY-beta-METHYLPHENETHYL)PHENOXY)-, HYDROCHLORIDE
UPDT 8403 CAS: 15624-33-6 MW: 378.00 MOLFM: C22-H31-N-O2 Cl-H
SYN: 2-(p-(p-METHOXY-beta-METHYLPHENETHYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:4 mg/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2112900 TRIETHYLAMINE, 2-(p-(p-METHOXY-alpha-METHYLSTYRYL)PHENOXY)-, HYDROCHLORIDE
UPDT 8403 CAS: 15624-27-8 MW: 375.98 MOLFM: C22-H29-N-O2 Cl-H
SYN: 2-(p-(p-METHOXY-alpha-METHYLSTYRYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:4 mg/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2112950 TRIETHYLAMINE, 2-(p-(p-METHOXY-beta-METHYLSTYRYL)PHENOXY)-, HYDROCHLORIDE
UPDT 8404 CAS: 15624-26-7 MW: 375.93 MOLFM: C22-H29-N-O2 Cl-H
SYN: 2-(p-(p-METHOXY-beta-METHYLSTYRYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:4 mg/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2113000 TRIETHYLAMINE, 2-((p-METHOXYPHENETHYL)OXY)-
UPDT 8411 CAS: 27078-30-4 MW: 251.41 MOLFM: C15-H25-N-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:125 mg/kg CHTPBA 5,10,70

YE2113050 TRIETHYLAMINE, 2-(p-(6-METHOXY-2-PHENYL-3-BENZOFURANYL)PHENOXY)-, HYDROCHLORIDE
UPDT 8403 CAS: 1509-14-4 MW: 452.03 MOLFM: C27-H29-N-O3 Cl-H
SYN: 2-(p-(6-METHOXY-2-PHENYL-3-BENZOFURANYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:40 mg/kg (1-5D preg) JMCMAR 13,54,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2113130 TRIETHYLAMINE, 2-(p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)-
UPDT 8302 MW: 427.63 MOLFM: C29-H33-N-O2
SYN: 2-(p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)TRIETHYLAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:1750 ug/kg (1D pre/1-6D preg) CHINAG (10),408,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2113160 TRIETHYLAMINE, 2-(p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)-, HYDROCHLORIDE
UPDT 8302 MW: 464.09 MOLFM: C29-H33-N-O2 Cl-H
SYN: 1-((p-(2-DIETHYLAMINO)ETHOXY)PHENYL)-3,4-DIHYDRO-6-METHOXY-2-PHENYLNAPHTHALENE HYDROCHLORIDE * 2-(p-(6-METHOXY-2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:1750 ug/kg (7D pre) JMCMAR 10,78,67
1T13 orl-rat TDLo:500 ug/kg (10D pre) JMCMAR 10,78,67
1T24 orl-rat TDLo:3500 ug/kg (1D pre/1-6D preg) CHINAG (10),408,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2113400 TRIETHYLAMINE, 2-(p-(6-METHOXY-2-PHENYLINDEN-3-YL)PHENOXY)-, HYDROCHLORIDE
UPDT 8412 CAS: 64-96-0 MW: 450.06 MOLFM: C28-H31-N-O2 Cl-H
SYN: ETHANAMINE, N,N-DIETHYL-2-(4-(6-METHOXY-2-PHENYL-1H-INDEN-3-YL)PHENOXY)-, HYDROCHLORIDE * 2-(p-(6-METHOXY-2-PHENYLINDEN-3-YL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE * 2-(p-(6-METHOXY-2-PHENYL-3-INDENYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE * TRIETHYLAMINE, 2-(p-(6-METHOXY-2-PHENYL-3-INDENYL)PHENOXY)-, HYDROCHLORIDE * U-11555A
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T03 orl-rat TDLo:15 mg/kg (30D male) 15QWAW -,78,65
1T29 orl-rat TDLo:5 mg/kg (1D preg) FESTAS 19,637,68
1T22 orl-rat TDLo:1500 ug/kg (1-5D preg) JRPFA4 13,373,67
1T24 orl-rat TDLo:1 mg/kg (2D preg) JRPFA4 47,251,76
1T25 orl-rat TDLo:100 mg/kg (5D preg) CCPTAY 14,487,76
1T13 orl-rat TDLo:700 ug/kg (7D pre) CCPTAY 3,347,71
1T22 skn-rat TDLo:1500 ug/kg (1-5D preg) JRPFA4 13,373,67
1T24 scu-rat TDLo:1500 ug/kg (1-3D preg) FESTAS 18,18,67
1T22 scu-rat TDLo:1500 ug/kg (1-3D preg) JRPFA4 15,33,68
1T22 unk-rat TDLo:3500 ug/kg (1-7D preg) BSGUAJ -,164,66
1T24 orl-mus TDLo:10 mg/kg (2D preg) JRPFA4 15,223,68
1T29 orl-mus TDLo:20 mg/kg (1D preg) JRPFA4 16,363,68
1T13 scu-mus TDLo:1920 ug/kg (3D pre) FESTAS 20,211,69
1T29 scu-mus TDLo:16 mg/kg (4D preg) CCPTAY 5,215,72
1T22 scu-mus TDLo:12 mg/kg (1-3D preg) JRPFA4 15,33,68
1T22 par-mus TDLo:600 ug/kg (1-3D preg) JRPFA4 9,269,65
1T24 scu-rbt TDLo:45 mg/kg (1-3D preg) FESTAS 18,18,67
1T34 scu-rbt TDLo:30 mg/kg (1-3D preg) FESTAS 20,211,69
2T24T34 unk-rbt TDLo:180 mg/kg (1-18D preg) CCPTAY 2,65,70
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:547 mg/kg PSEBAA 112,439,63
* ipr-mus LD50:247 mg/kg PSEBAA 112,439,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TRIETHYLAMINE, 2-(p-(6-METHOXY-2-PHENYL-3-INDENYL)PHENOXY)-, HYDROCHLORIDE see: YE2113400

YE2113440 TRIETHYLAMINE, 2-(p-(p-METHOXY-alpha-PHENYLPHENETHYL)PHENOXY)-
UPDT 8405 CAS: 6732-77-0 MW: 403.61 MOLFM: C27-H33-N-O2
SYN: ETHANAMINE, N,N-DIETHYL-2-(4-(2-(4-METHOXYPHENYL)-1-PHENYLETHYL)PHENOXY)- (9CI) * 2-(p-(p-METHOXY-alpha-PHENYLPHENETHYL)PHENOXY)TRIETHYLAMINE * MRL-37
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29 scu-mus TDLo:60 mg/kg (1-3D preg) AJBSAM 21,1239,68
1T22 scu-mus TDLo:96 mg/kg (1-3D preg) JRPFA4 9,277,65
1T24 par-mus TDLo:120 mg/kg (1-3D preg) JRPFA4 16,201,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2113490 TRIETHYLAMINE, 2-(p-(2-(p-METHOXYPHENYL)-1-PHENYL-1-BUTENYL)PHENOXY)-
UPDT 8403 CAS: 35258-08-3 MW: 429.65 MOLFM: C29-H35-N-O2
SYN: H-1278 * 2-(p-(2-(p-METHOXYPHENYL)-1-PHENYL-1-BUTENYL)PHENOXY)TRIETHYLAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:2400 ug/kg (1-3D preg) JRPFA4 34,23,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2113510 TRIETHYLAMINE, 2-(p-(2-(p-METHOXYPHENYL)-1-PHENYL-1-BUTENYL)PHENOXY)-, CITRATE (1:1)
UPDT 8403 CAS: 42824-34-0 MW: 621.79 MOLFM: C29-H35-N-O2 C6-H8-O7
SYN: H-1286 * 2-(p-(2-(p-METHOXYPHENYL)-1-PHENYL-1-BUENYL)PHENOXY)TRIETHYLAMINE CITRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:30 ug/kg (1-3D preg) JRPFA4 34,23,73
1T22 scu-rat TDLo:45 ug/kg (1-3D preg) JRPFA4 34,23,73
1T22 orl-mus TDLo:480 ug/kg (4-6D preg) JRPFA4 34,23,73
1T22 scu-mus TDLo:720 ug/kg (1-3D preg) JRPFA4 34,23,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2113530 TRIETHYLAMINE, 2-(p-(1-((p-METHOXYPHENYL)PHENYLMETHYLENE)PROPYL)PHENOXY)-, HYDROCHLORIDE
UPDT 8403 CAS: 42824-38-4 MW: 482.11 MOLFM: C29-H35-N-O3 Cl-H
SYN: H-1378 * 2-(p-(1-((p-METHOXYPHENYL)PHENYLMETHYLENE)PROPYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:36 mg/kg (1-3D preg) JRPFA4 34,23,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2113550 TRIETHYLAMINE, 2-(p-(1-(p-METHOXYPHENYL)-2-PHENYLPROPENYL)PHENOXY)-, CITRATE
UPDT 8403 CAS: 13554-24-0 MW: 607.76 MOLFM: C28-H33-N-O2 C6-H8-O7
SYN: 2-(p-(1-(p-METHOXYPHENYL)-2-PHENYLPROPENYL)PHENOXY)TRIETHYLAMINE CITRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:2400 ug/kg (1-3D preg) JMCMAR 14,952,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2113570 TRIETHYLAMINE, 2-(p-(alpha-(p-METHOXYPHENYL)STYRYL)PHENOXY)-, CITRATE, MONOHYDRATE
UPDT:8403 CAS: 13342-71-7 MW: 611.75 MOLFM: C27-H31-N-O2 .C6-H8-O7 .H2-O
SYN: 2-(p-(alpha-(p-METHOXYPHENYL)STYRYL)PHENOXY)TRIETHYLAMINE CITRATE MONOHYDRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:120 mg/kg (4-6D preg) JMCMAR 14,952,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2113610 TRIETHYLAMINE, 2-(p-(2-(p-METHOXYPHENYL)-1,2,3,4-TETRAHYDRO-1-NAPHTHYL)PHENOXY)-, CITRATE, MONOHYDRATE
UPDT:8403 MW: 639.81 MOLFM: C29-H35-N-O2 .C6-H8-O7 .H2-O
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:4 mg/kg (1-4D preg) JMCMAR 10,138,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2113630 TRIETHYLAMINE, 2-(p-(6-METHOXY-2-PHENYL-1,2,3,4-TETRAHYDRO-1-NAPHTHYL)PHENOXY)-, HYDROCHLORIDE, (E)-
UPDT:8403 MW: 466.11 MOLFM: C29-H35-N-O2 .Cl-H
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:400 ug/kg (1-4D preg) JMCMAR 10,138,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2113650 TRIETHYLAMINE, 2-(p-(6-METHOXY-2-(p-TOLYL)-3-INDENYL)PHENOXY)-, HYDROCHLORIDE
UPDT:8403 MW: 464.09 MOLFM: C29-H33-N-O2 .Cl-H
SYN: 2-(p-(6-METHOXY-2-(p-TOLYL)-3-INDENYL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:35 mg/kg (7D pre) JMCMAR 8,52,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2113670 TRIETHYLAMINE, 2-(2-METHYL-1,2-DICARBAUNDECABORAN(11)-1-YL)-
UPDT:8403 MW: 247.57 MOLFM: C9-H28-B9-N
SYN: 2-(2-METHYL-1,2-DICARBAUNDECABORAN(11)-1-YL)TRIETHYLAMINE
TOXICITY DATA AND REFERENCES:
1F1* ipr-mus LDLo:400 mg/kg PCJOAU 10,50,76

YE2113800 TRIETHYLAMINE, 2-((p-METHYLPHENETHYL)OXY)-
UPDT:8411 CAS: 26281-49-2 MW: 235.41 MOLFM: C15-H25-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:250 mg/kg CHTPBA 5,10,70

YE2117000 TRIETHYLAMINE, 2,2'''-((METHYLVINYLENE)BIS(p-(PHENYLENEOXY))BIS-, DIHYDROCHLORIDE
UPDT:8403 CAS: 15624-20-3 MW: 497.61 MOLFM: C27-H40-N2-O2 .2Cl-H
SYN: 2,2''-((METHYLVINYLENE)BIS(p-PHENYLENEOXY))BIS(TRIETHYLAMINE) DIHYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:40 mg/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2140000 TRIETHYLAMINE, 2-(p-(2-NITRO-1,2-DIPHENYLVINYL)PHENOXY)-, CITRATE
UPDT:8303 MW: 608.70 MOLFM: C26-H28-N2-O3 .C6-H8-O7
SYN: 1-(p-(beta-DIETHYLAMINOETHOXY)PHENYL)-2-NITRO-1,2-DIPHENYLETHYLENE CITRATE * EIPW 111 CITRATE * ETHANAMINE, N,N-DIETHYL-2-(4-(2-NITRO-1,2-DIPHENYLETHENYL)PHENOXY)-, CITRATE * 2-(p-(2-NITRO-1,2-DIPHENYLVINYL)PHENOXY)TRIETHYLAMINE CITRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:3 mg/kg (3D preg) JJEMAG 43,9,73
2T13T29 orl-mus TDLo:12 mg/kg (1-4D preg) FESTAS 23,339,72
1T24 orl-mus TDLo:1500 ug/kg (3D preg) JJEMAG 43,9,73
1T22 orl-mus TDLo:3 mg/kg (1D preg) IJEBA6 7,117,69
2T12T13 orl-mus TDLo:20 mg/kg (2D pre) IJEBA6 7,117,69
1T24 orl-rbt TDLo:4 mg/kg (3D preg) JJEMAG 43,9,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2171000 TRIETHYLAMINE, 2-(PHENETHYLOXY)-
UPDT:8411 CAS: 27021-42-7 MW: 221.38 MOLFM: C14-H23-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:125 mg/kg CHTPBA 5,10,70

YE2175000 TRIETHYLAMINE, 2-(p-PHENETHYLPHENOXY)-
UPDT:8303 MW: 297.48 MOLFM: C20-H27-N-O
SYN: 4-(beta-(DIETHYLAMINO)ETHYL)OXYDIPHENYLETHANE * 2-(p-PHENETHYLPHENOXY)TRIETHYLAMINE
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:70 mg/kg AIPTAK 103,371,55

YE2175300 TRIETHYLAMINE, 2-(m-PHENETHYLPHENOXY)-, HYDROCHLORIDE
UPDT:8311 MW: 333.94 MOLFM: C20-H27-N-O .Cl-H
SYN: 1851 F * 2-(m-PHENETHYLPHENOXY)TRIETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:375 mg/kg APFRAD 5,7,47

YE2177000 TRIETHYLAMINE, 2-(2-PHENOXYETHOXY)-
UPDT:8411 CAS: 24480-59-9 MW: 237.38 MOLFM: C14-H23-N-O2
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:125 mg/kg CHTPBA 5,10,70

YE2188000 TRIETHYLAMINE, 2-(4-PHENYLBUTOXY)-
UPDT:8411 CAS: 26281-52-7 MW: 249.44 MOLFM: C16-H27-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:125 mg/kg CHTPBA 5,10,70

YE2189000 TRIETHYLAMINE, 2-(p-(2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)-
UPDT:8302 MW: 398.61 MOLFM: C28-H32-N-O
SYN: 2-(p-(2-PHENYL-3,4-DIHYDRO-1-NAPHTHYL)PHENOXY)TRIETHYLAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
* orl-rat TDLo:3500 ug/kg (1D pre/1-6D preg) CHINAG (10),408,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2240000 TRIETHYLAMINE, 2-(p-(2-PHENYLNAPHTHO(2,1-b)FURAN-1-YL)PHENOXY)-, HYDROCHLORIDE
UPDT:8403 CAS: 25433-03-4 MW: 472.06 MOLFM: C30-H29-N-O2 .Cl-H
SYN: 1-(p-(beta-DIETHYLAMINOETHOXY)PHENYL)-2-PHENYLNAPHTHO(2,1-b)FURAN HYDROCHLORIDE * 2-(p-(2-PHENYLNAPHTHO(2,1-b)FURAN-1-YL)PHENOXY)TRIETHYLAMINE HYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:20 mg/kg (1-5D preg) JMCMAR 13,54,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2250000 TRIETHYLAMINE, 2-(3-PHENYLPROPOXY)-
UPDT:8411 CAS: 26281-51-6 MW: 235.41 MOLFM: C15-H25-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:125 mg/kg CHTPBA 5,10,70

YE2263000 TRIETHYLAMINE, 2-(p-(alpha-PHENYLSTYRYL)PHENOXY)-, CITRATE
UPDT:8302 MW: 563.70 MOLFM: C26-H29-N-O .C6-H8-O7
SYN: 1-(p-(beta-DIETHYLAMINOETHOXY)PHENYL)-1,2-DIPHENYLETHYLENE CITRATE * E.I.P.W. 103 CITRATE * 2-(p-(alpha-PHENYLSTYRYL)PHENOXY)TRIETHYLAMINE CITRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-mus TDLo:3 mg/kg (3D preg) JJEMAG 43,9,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2320000 TRIETHYLAMINE, 2,2'''-(PROPYLENEBIS(p-PHENYLENEOXY))BIS-, DIHYDROCHLORIDE
UPDT:8403 CAS: 15624-39-2 MW: 499.63 MOLFM: C27-H42-N2-O2 .2Cl-H
SYN: 2,2''-(PROPYLENEBIS(p-PHENYLENEOXY))BIS(TRIETHYLAMINE) DIHYDROCHLORIDE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 ivg-mus TDLo:40 mg/kg (1D pre) JPETAB 165,52,69
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2349000 TRIETHYLAMINE, 2-(p-STYRYLPHENOXY)-
UPDT:8305 MW: 295.46 MOLFM: C20-H25-N-O
SYN: 4-(beta-(DIETHYLAMINO)ETHYL)OXYSTILBENE * 2-(p-STYRYLPHENOXY)TRIETHYLAMINE
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:105 mg/kg AIPTAK 103,371,55

YE2349500 TRIETHYLAMINE, 2-(m-STYRYLPHENOXY)-, HYDROCHLORIDE
UPDT:8311 MW: 331.92 MOLFM: C20-H25-N-O .Cl-H
SYN: 2509 F * 2-(m-STYRYLPHENOXY)TRIETHYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:500 mg/kg APFRAD 5,7,47

YE2400000 TRIETHYLAMINE, 2-(p-(1,2,3,4-TETRAHYDRO-2-(p-CHLOROPHENYL)NAPHTHYL)PHENOXY)-
UPDT:8312 CAS: 13073-86-6 MW: 424.06 MOLFM: C28-H32-Cl-N-O
SYN: 2-(p-(2-(p-CHLOROPHENYL)-1,2,3,4-TETRAHYDRONAPHTHYL)PHENOXY)TRIETHYLAMINE * SU-13320 * 2-(p-(1,2,3,4-TETRAHYDRO-2-(p-CHLOROPHENYL)NAPHTHYL)PHENOXY)TRIETHYLAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:9 mg/kg (6-14D preg) TXAPA9 10,565,67
1T13 orl-rat TDLo:70 ug/kg (7D pre) CCPTAY 3,347,71
1T55 orl-rat TDLo:90 mg/kg (6-14D preg) TXAPA9 10,565,67
1T25 orl-rat TDLo:45 ug/kg (1-9D preg) CCPTAY 3,347,71
1T24 orl-rat TDLo:225 ug/kg (1-9D preg) CCPTAY 3,347,71
2T24T26 orl-ham TDLo:225 mg/kg (1-9D preg) CCPTAY 3,347,71
1T13 orl-ham TDLo:3500 ug/kg (7D pre) CCPTAY 3,347,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2420000 TRIETHYLAMINE, 2-(1,2,3,4-TETRAHYDRO-2-NAPHTHYLOXY)-
UPDT:8411 CAS: 27078-48-4 MW: 247.42 MOLFM: C16-H25-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:125 mg/kg CHTPBA 5,10,70

YE2625000 TRIETHYLAMINE, 2,2',2''-TRICHLORO-
UPDT:8402 CAS: 555-77-1 MW: 204.54 MOLFM: C6-H12-Cl3-N
SYN: HN3 * TL 145 * TRICHLORMETHINE * TRI-(2-CHLOROETHYL)AMINE * 2,2',2''-TRICHLOROTRIETHYLAMINE * TRIS(beta-CHLOROETHYL)AMINE * TRIS(2-CHLOROETHYL)AMINE * TS 160
IRRITATION DATA AND REFERENCES:
eye-rbt 400 ug AJOPAA 29,1553,46
MUTATION DATA AND REFERENCES:
sln-dmg-ihl 100 pph/5M PREBA3 628,284,46/47
mmo-ssp 3 mmol/L ADWMAX -,193,62
dni-hmn-fbr 10 mg/L STBIBN 78,165,80
dni-ham-lng 500 ug/L MUREAV 116,431,83
msc-ham-lng 1 mg/L MUREAV 116,431,83
TUMORIGENIC DATA AND REFERENCES:
2V01V10 scu-rat TDLo:11 mg/kg/26W-C NEOLA4 28,565,81
3V01K60V10 scu-rat TD:45 mg/kg/26W-C NEOLA4 28,565,81
2V01V10 scu-rat TD:180 mg/kg/26W-C NEOLA4 28,565,81
TOXICITY DATA AND REFERENCES:
ihl-hmn LC50:1000 mg/m3 SCJUAD 4,33,67
skn-rat LD50:4900 ug/kg NTIS** PB158-507
ihl-mus LCLo:350 mg/m3/10M NDRC** NDCrc-132,Apr,42
skn-mus LD50:7 mg/kg JPETAB 91,224,47
skn-dog LD50:10 mg/kg NTIS** PB158-507
skn-rbt LD50:19 mg/kg JPETAB 91,224,47
skn-gpg LD50:20 mg/kg NTIS** PB158-507
scu-gpg LD50:7 mg/kg NTIS** PB158-507
* orl-gal LD50:100 mg/kg JRPFA4 48,371,76
skn-dom LD50:20 mg/kg NTIS** PB158-507
scu-dog LD50:20 mg/kg NTIS** PB158-507
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CHREAY 48,225,51
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2800000 TRIETHYLAMINE, 2,2',2''-TRICHLORO-, HYDROCHLORIDE
UPDT:8401 CAS: 817-09-4 MW: 241.00 MOLFM: C6-H12-Cl3-N .Cl-H
SYN: HN3 HCl * HN3 HYDROCHLORIDE * LEKAMIN * NSC 30211 * R 47 * SINALOST * SK 100 * TRI(beta-CHLOROETHYL)AMINE HYDROCHLORIDE * TRICHLORMETHINE * TRI-(2-CHLOROETHYL)AMINE HYDROCHLORIDE * TRILLEKAMIN * 2,2',2''-TRICHLOROTRIETHYLAMINE HYDROCHLORIDE * TRICHLORMETHINIUM CHLORIDE * TRIMITAN * TRIMUSTINE * TRIMUSTINE HYDROCHLORIDE * TRIS(beta-CHLOROETHYL)AMINE HYDROCHLORIDE * TRIS(2-CHLOROETHYL)AMINE HYDROCHLORIDE * TRIS(2-CHLOROETHYL)AMINE MONOHYDROCHLORIDE * TRIS(2-CHLOROETHYL)AMMONIUM CHLORIDE * TRIS-N-LOST * TS 160
MUTATION DATA AND REFERENCES:
pic-esc 200 mg/L ARMKA7 51,9,65
dnd-mus-ipr 20 mg/kg FOBLAN 25,380,79
dlt-mus-ipr 5 mg/kg NEOLA4 25,523,78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 ivn-rat TDLo:2400 ug/kg (1D male) JEZOAO 121,225,52
1T02 ipr-mus TDLo:1500 ug/kg (1D male) CANCAR 2,1075,49
TUMORIGENIC DATA AND REFERENCES:
3V01J60V10 scu-mus TDLo:10 mg/kg/9W-I BJCAAI 3,118,49
TOXICITY DATA AND REFERENCES:
1P14 orl-hmn TDLo:214 ug/kg NTIS** PB158-507
3F08H17K13 ivn-hmn TDLo:100 ug/kg NTIS** PB158-507
orl-rat LDLo:5 mg/kg NCNSA6 5,19,53
1V30 ipr-rat LD50:750 ug/kg CPBTAL 8,807,60
scu-rat LD50:2 mg/kg NTIS** PB158-507
ivn-rat LD50:700 ug/kg NTIS** PB158-507
ipr-mus LD50:2020 ug/kg CANCAR 2,1075,49
scu-mus LD50:2 mg/kg JPETAB 91,224,47
ivn-rbt LD50:2500 ug/kg JPETAB 91,224,47
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 9,229,75
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YE2935000 TRIETHYLAMINE, 2-((m-(TRIFLUOROMETHYL)PHENETHYL)OXY)-
UPDT:8411 CAS: 27078-29-1 MW: 289.38 MOLFM: C15-H22-F3-N-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:250 mg/kg CHTPBA 5,10,70

TRIETHYLAMINE, 2,2',2''-TRIHYDROXY- see: KL9275000
beta-TRIETHYLAMMONIUM-(beta'-TRIETHYLAMMONIUMETHYL)PROPIONATE DIBROMIDE see: BP2295000
TRIETHYLCARBINOL see: SA6780000
TRIETHYLCHLOROSTANNANE see: WH6840000
TRIETHYLCHLOROTIN see: WH6840000
TRIETHYL CITRATE see: GE8050000
TRIETHYLDIALUMINUM TRICHLORIDE see: BD1950000
TRIETHYLENEDIAMINE see: HM0354200
TRIETHYLENEDIAMINE (DOT) see: HM0354200

YE4550000 TRIETHYLENE GLYCOL
UPDT:8408 CAS: 112-27-6 MW: 150.20 MOLFM: C6-H14-O4
SYN: DI-beta-HYDROXYETHOXYETHANE * 3,6-DIOXAOCTANE-1,8-DIOL * 2,2'-(1,2-ETHANEDIYLBIS(OXY))BISETHANOL * ETHANOL, 2,2'-(ETHYLENEDIOXY)DI- * 2,2'-ETHYLENEDIOXYBIS(ETHANOL) * 2,2'-ETHYLENEDIOXYDIETHANOL * 2,2'-ETHYLENEDIOXYETHANOL * ETHYLENE GLYCOL DIHYDROXYDIETHYL ETHER * GLYCOL BIS(HYDROXYETHYL) ETHER * TEG * TRIGEN * TRIGLYCOL * ETHYLENE GLYCOL-BIS-(2-HYDROXYETHYL ETHER)

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg/24H MOD	FCTXAV 17,913,79

TOXICITY DATA AND REFERENCES:

*	orl-hmn LDLo:5000 mg/kg	FCTXAV 17,913,79
	orl-rat LD50:17 gm/kg	JIHTAB 28,40,46
	ivn-rat LD50:11700 ug/kg	ARZNAD 18,1536,68
	ims-rat LDLo:8400 mg/kg	HBTXAC 5,172,59
	orl-mus LDLo:18500 mg/kg	PCOC** -,1186,66
3J16M04P27	ipr-mus LD50:8141 mg/kg	FEPRA7 6,342,47
	scu-mus LD50:8750 mg/kg	JPETAB 65,89,39
	ivn-mus LD50:6500 mg/kg	JPETAB 65,89,39
	orl-rbt LD50:8400 mg/kg	JIHTAB 28,40,46
	ivn-rbt LD50:1900 mg/kg	ARZNAD 18,1536,68
	orl-gpg LD50:7900 mg/kg	JIHTAB 28,40,46
	ivn-gpg LD50:10600 ug/kg	ARZNAD 18,1536,68

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TRIETHYLENE GLYCOL n-BUTYL ETHER see: KJ9450000

YE4950000 TRIETHYLENE GLYCOL, DIACETATE
UPDT:8307 CAS: 111-21-7 MW: 234.28 MOLFM: C10-H18-O6
SYN: ACETIC ACID, TRIETHYLENE GLYCOL DIESTER * ETHANOL, 2,2'-ETHYLENEDIOXYDI-, DIACETATE * 2,2'-(ETHYLENEDIOXY)DI(ETHYL ACETATE) * TRIGLYCOL DIACETATE

IRRITATION DATA AND REFERENCES:

	skn-rbt 500 mg open MLD	UCDS** 3/27/69

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:22600 mg/kg	AIHAAP 30,470,69
*	skn-rbt LD50:8 gm/kg	AIHAAP 30,470,69

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TRIETHYLENE GLYCOL DIACRYLATE see: AS8150000 ACRYLIC ACID, DIESTER with TRIETHYLENE GLYCOL
TRIETHYLENE GLYCOL DIGLYCIDYL ETHER see: XF0700000
TRIETHYLENE GLYCOL DIMETHACRYLATE see: OZ4100000
TRIETHYLENE GLYCOL DODECYL ETHER see: KK7870000
TRIETHYLENE GLYCOL ETHYL ETHER see: KK8950000
TRIETHYLENE GLYCOL MONOBUTYL ETHER see: KJ9450000
TRIETHYLENE GLYCOL MONOETHYL ETHER see: KK8950000
TRIETHYLENE GLYCOLMONOMETHYL ETHER see: KL6390000
2,3,5-TRIETHYLENEIMINO-1,4-BENZOQUINONE see: DK7175000
2,4,6-TRIETHYLENEIMINOPYRIMIDINE see: UV5976050
TRI(ETHYLENEIMINO)THIOPHOSPHORAMIDE see: SZ2975000
2,4,6-TRI(ETHYLENEIMINO)-1,3,5-TRIAZINE see: XZ2100000
2,4,6-TRIETHYLENEIMINO-s-TRIAZINE see: XZ2100000
TRIETHYLENEMELAMINE see: XZ2100000
TRIETHYLENEPHOSPHORAMIDE see: SZ1750000
N,N',N''-TRIETHYLENEPHOSPHORAMIDE see: SZ1750000
TRIETHYLENEPHOSPHORIC TRIAMIDE see: SZ1750000
N,N',N''-TRIETHYLENEPHOSPHORIC TRIAMIDE see: SZ1750000
N,N',N''-TRIETHYLENEPHOSPHOROTHIOIC TRIAMIDE see: SZ2975000
TRIETHYLENEPHOSPHOROTRIAMIDE see: SZ1750000

YE6650000 TRIETHYLENETETRAMINE
UPDT:8402 CAS: 112-24-3 MW: 146.28 MOLFM: C6-H18-N4
SYN: ARALDITE HARDENER HY 951 * ARALDITE HY 951 * N,N'-BIS(2-AMINOETHYL)ETHYLENEDIAMINE * DEH 24 * 3,6-DIAZAOCTANE-1,8-DIAMINE * 1,2-ETHANEDIAMINE, N,N'-BIS(2-AMINOETHYL)- * ETHYLENEDIAMINE, N,N'-BIS(2-AMINOETHYL)- * HY 951 * TECZA * TETA * 1,4,7,10-TETRAAZADECANE * TRIEN * TRIENTINE * TRIETHYLENETETRAMINE (DOT) * UN 2259 (DOT)

IRRITATION DATA AND REFERENCES:

	skn-rbt 490 mg open SEV	UCDS** 12/12/66
	eye-rbt 49 mg SEV	UCDS** 12/12/66

MUTATION DATA AND REFERENCES:

	mmo-sat 1 nmol/plate	MUREAV 88,165,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T25T55T59	orl-rat TDLo:9130 mg/kg (1-22D preg)	LANCAO 1,1127,82
2T25T34	orl-rat TDLo:17430 mg/kg (1-21D preg)	PSEBAA 173,598,83
2T46T55	orl-rat TDLo:8715 mg/kg (1-21D preg)	PSEBAA 173,598,83
1T35	skn-gpg TDLo:3667 mg/kg (10-56D preg)	AITEAT 22,123,74

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:2500 mg/kg	37ASAA 7,580,79
*	orl-mus LD50:1600 mg/kg	KHZDAN 22,179,79
*	orl-rbt LD50:5500 mg/kg	KHZDAN 22,179,79
*	skn-rbt LD50:805 mg/kg	JIHTAB 31,60,49

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JOCMA7 15(10),808,73; CTOXAO 12(5),601,78

STANDARDS & REGULATIONS:

★	DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE	CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TRIETHYLENETETRAMINE (DOT) see: YE6650000
N,N',N''-TRIETHYLENETHIOPHOSPHAMIDE see: SZ2975000
TRIETHYLENE THIOPHOSPHORAMIDE see: SZ2975000
N,N',N''-TRIETHYLENETHIOPHOSPHORAMIDE see: SZ2975000
TRIETHYLENETHIOPHOSPHOROTRIAMIDE see: SZ2975000
TRIETHYLENIMINOBENZOQUINONE see: DK7175000
2,4,6-TRIETHYLENIMINO-s-TRIAZINE see: XZ2100000
2,4,6-TRIETHYLENIMINO-1,3,5-TRIAZINE see: XZ2100000
O,O,O-TRIETHYLESTER KYSELINY THIOFOSFORECNE (Czech) see: TG3675000
TRIETHYLHEXYL PHOSPHATE see: MP0770000
TRI(2-ETHYLHEXYL)PHOSPHATE see: MP0770000
TRIETHYL(2-HYDROXYETHYL)-AMMONIUM BROMIDE, DICYCLOPENTYLACETATE see: BR1210000
TRIETHYLHYDROXYTIN SULFATE see: XQ7175000
TRIETHYL LEAD CHLORIDE see: TP4025000
TRIETHYLMETHANOL see: SA6780000
TRIETHYL(3-(N-METHYL-N-2-(3',4',5'-TRIMETHOXYBENZOYLOXY)ETHYLAMINO)PROPYL)SILANE METHIODIDE see: BQ2062700
1,1,3-TRIETHYL-3-NITROSOUREA see: YT9750000
TRIETHYLOLAMINE see: KL9275000
TRIETHYL ORTHOFORMATE see: RM6475000
TRIETHYL PHOSPHATE see: TC7900000
TRIETHYL PHOSPHITE see: TH1130000
TRIETHYL PHOSPHITE (DOT) see: TH1130000
TRIETHYL PHOSPHOROTHIOATE see: TG3675000
O,O,O-TRIETHYL PHOSPHOROTHIOATE see: TG3675000
TRIETHYLPLUMBYL ACETATE see: TP3922000
TRIETHYL(2-(2-PYRIDYL)ETHYL)AMMONIUM IODIDE see: BT0370000
TRIETHYLSTANNYL CHLORIDE see: WH6840000
TRIETHYLTHIOFOSFAT (Czech) see: TG3675000
TRIETHYLTIN ACETATE see: WH5950000
TRIETHYL TIN BROMIDE see: WH6740000
TRIETHYLTIN BROMIDE-2-PIPECOLINE see: WH6745000
TRIETHYLTIN CHLORIDE see: WH6840000
TRIETHYLTIN PHENOXIDE see: WH8597000
TRIETHYLTIN SULPHATE see: XQ7175000
TRIETHYLTIN TRIFLUOROACETATE see: WH8810000
TRIETHYLTRICHLORODIALUMINUM see: BD1950000
TRIETILAMINA (Italian) see: YE0175000
TRIEXIFENIDILA see: TN2625000
TRIFARON see: TL7175000
TRI-FEN see: AJ8750000
TRI FENE see: AJ8750000
TRIFENMORPH see: QF2275000
TRIFENOXYFOSFIN (Czech) see: TM1575000
TRIFENSON see: DB5600000
TRIFENYLFOSFIT (Czech) see: TH1575000
TRIFENYL-TINACETAAT (Dutch) see: WH6650000
TRIFENYL-TINHYDROXYDE (Dutch) see: WH8575000
TRIFLORPERAZINE DIHYDROCHLORIDE see: SP1750000
TRIFLUMEN see: DK8925000
TRIFLUMETHAZINE see: TL9730000
TRIFLUOPERAZINA (Italian) see: SP1500000
TRIFLUOPERAZINE see: SP1500000
TRIFLUOPERAZINE DIHYDROCHLORIDE see: SP1750000
TRIFLUOPERAZINE HYDROCHLORIDE see: SP1750000
TRIFLUOPERAZINE and MELLARIL see: SP2200000
TRIFLUOPERAZINE and THIORIDAZINE see: SP2200000
TRIFLUOPROMAZINE HYDROCHLORIDE see: SO8925000
TRIFLUORACETIC ACID see: AJ9625000
TRIFLUORALIN see: XU9275000
TRIFLUOROACETALDEHYDE HYDRATE see: KI2850000
2-(2,2,2-TRIFLUOROACETAMIDO)-4-(5-NITRO-2-FURYL)THIAZOLE see: AC6700000
TRIFLUOROACETIC ACID see: AJ9625000
TRIFLUOROACETIC ACID (DOT) see: AJ9625000
TRIFLUOROACETIC ACID TRIETHYLSTANNYL ESTER see: WH8810000
N-TRIFLUOROACETYLADRIAMYCIN see: QI9428000
TRIFLUOROACETYLADRIAMYCIN-14-VALERATE see: AV9850000
2-TRIFLUOROACETYLAMINOFLUORENE see: AC1050000
2-TRIFLUOROACETYLAMINOFLUOREN-9-ONE see: AD0175000
TRIFLUOROAMINE OXIDE see: QX0350000
TRIFLUOROANTIMONY see: CC5150000
TRIFLUOROARSINE see: CG5775000
TRIFLUOROBORANE DIETHYL ETHERATE see: KX7375000
TRIFLUOROBORON ETHERATE see: KX7375000
1,1,1-TRIFLUORO-2-BROMO-2-CHLOROETHANE see: KH6550000
TRIFLUOROBROMOETHYLENE see: KU8830000
TRIFLUOROBROMOMETHANE see: PA5425000 METHANE, BROMOTRIFLUORO-
2-((3,4,4-TRIFLUORO-3-BUTENYL)THIO)PYRIMIDINE see: UW5850000
1,1,1-TRIFLUORO-2-CHLORO-2-BROMOETHANE see: KH6550000
2,2,2-TRIFLUORO-1-CHLORO-1-BROMOETHANE see: KH6550000
TRIFLUOROCHLOROETHYLENE see: KV0525000
1,1,2-TRIFLUORO-2-CHLOROETHYLENE see: KV0525000
TRIFLUOROCHLOROETHYLENE (DOT) see: KV0525000
TRIFLUOROCHLOROETHYLENE, inhibited (DOT) see: KV0525000
TRIFLUOROCHLOROMETHANE see: PA6410000
1,1,1-TRIFLUORO-3-CHLOROPROPANE see: TX6200000 PROPANE, 3-CHLORO-1,1,1-TRIFLUORO-
2',4',6'-TRIFLUORO-4-DIMETHYLAMINOAZOBENZENE see: BX8575000
alpha,alpha,alpha-TRIFLUORO-2,6-DINITRO-N,N-DIPROPYL-p-TOLUIDINE see: XU9275000
alpha,alpha,alpha-TRIFLUORO-2,6-DINITRO-N,N-ETHYLBUTYL-p-TOLUIDINE see: XU4550000
TRIFLUOROETHANE see: KJ4100000
2,2,2-TRIFLUORO-1,1-ETHANEDIOL see: KI2850000
TRIFLUOROETHANE (DOT) see: KJ4100000
TRIFLUOROETHANOIC ACID see: AJ9625000
2,2,2-TRIFLUOROETHANOL see: KM5250000
(TRIFLUOROETHENYL)BENZENE see: WL6478050 STYRENE, alpha,beta,beta-TRIFLUORO-
2,2,2-TRIFLUOROETHYL ALLYL ETHER see: KM9280000
1-(2,2,2-TRIFLUOROETHYL)AMIDINO-3-(2,6-XYLYL)-UREA HYDROCHLORIDE see: YT1464000
2,2,2-TRIFLUOROETHYL ETHYL ETHER see: KO0705000
2,2,2-TRIFLUOROETHYL VINYL ETHER see: KO4250000
2,2,2-TRIFLUORO-N-(FLUOREN-2-YL)ACETAMIDE see: AC1050000
TRIFLUOROMETHANE see: PB6900000
TRIFLUOROMETHANE and CHLOROTRIFLUOROMETHANE mixture (DOT) see: PB6950000
TRIFLUOROMETHANE (DOT) see: PB6900000
3-TRIFLUOROMETHYL ANILIDE of PHTHALIC ACID see: TH8760000 PHTHALANILIC ACID, 3'-(TRIFLUOROMETHYL)-
m-(TRIFLUOROMETHYL)ANILINE see: XU9180000
p-TRIFLUOROMETHYLANILINE see: XU9260000
2-TRIFLUOROMETHYL ANILINE (DOT) see: XU9210000
3-(TRIFLUOROMETHYL)ANILINE see: XU9180000
3-TRIFLUOROMETHYL ANILINE (DOT) see: XU9180000
3-(TRIFLUOROMETHYL)BENZENAMINE see: XU9180000
(TRIFLUOROMETHYL)BENZENE see: XT9450000
2-TRIFLUOROMETHYL BENZIMIDAZOLE see: DE1150000
4-TRIFLUOROMETHYL-6H-BENZO(e)(1)BENZOTHIOPYRANO(4,3-b)INDOLE see: DE6358000
5-(TRIFLUOROMETHYL)-2-BENZOXAZOLINONE see: DM5279000
2-((m-TRIFLUOROMETHYLBENZYL)AMINO)-2-THIAZOLINE see: XJ7010700
6-TRIFLUOROMETHYL-3-BENZYL-7-SULFAMYL-3,4-DIHYDRO-1,2,4-BENZOTHIADIAZINE, 1,1-DIOXIDE see: DK8225000
TRIFLUOROMETHYL CHLORIDE see: PA6410000
o-(TRIFLUOROMETHYL)CHLOROBENZENE see: XS9144000
p-(TRIFLUOROMETHYL)CHLOROBENZENE see: XS9145000
5-TRIFLUOROMETHYL-DEOXYURIDINE see: YU7950000
8-TRIFLUOROMETHYL-7-DESCHLOROGLAFENINE see: DH8520000
6-TRIFLUOROMETHYL-3,4-DIHYDRO-7-SULFAMOYL-2H-1,2,4-BENZOTHIADIAZINE 1,1-DIOXIDE see: DK9625000

3'-TRIFLUOROMETHYLDIPHENYLAMINE-2-CARBOXYLIC ACID see: CB4375000
TRIFLUOROMETHYLETHYLENE see: UD2792000 PROPENE, 3,3,3-TRIFLUORO-
3-(TRIFLUOROMETHYL)-N-ETHYL-alpha-METHYLPHENETHYLAMINE see: SH6820000
TRIFLUOROMETHYLHYDROTHIAZIDE see: DK9625000
TRIFLUOROMETHYL-10-(3'-(1-METHYL-4-PIPERAZINYL)PROPYL)PHENOTHIAZINE see: SP1500000
m-(TRIFLUOROMETHYL)NITROBENZENE see: XT3500000
o-(TRIFLUOROMETHYL)NITROBENZENE see: XT3480000
3-TRIFLUOROMETHYLNITROBENZENE see: XT3500000
4-(TRIFLUOROMETHYL)NITROBENZENE see: XT3510000
3-TRIFLUOROMETHYL-4-NITROPHENOL, SODIUM SALT see: GP3550000
alpha,alpha,alpha-TRIFLUORO-2-METHYL-4'-NITRO-m-PROPIONOTOLUIDIDE see: UG5700000
TRIFLUOROMETHYLPERAZINE see: SP1500000
4-(3-(2-TRIFLUOROMETHYL-10-PHENOTHIAZYL)-PROPYL)-1-PIPERAZINEETHANOL see: TL9730000
16-(3-(TRIFLUOROMETHYL)PHENOXY)-17,18,19,20-TETRANOR-2,3-cis-DIDEHYDRO-PGF1-alpha see: MJ9669800
16-(3-(TRIFLUOROMETHYL)PHENOXY)-17,18,19,20-TETRANOR-2,3-trans-DIDEHYDRO-PGF1-alpha see: MJ9669700
16-(3-(TRIFLUOROMETHYL)PHENOXY)-17,18,19,20-TETRANOR-2,3-cis-DIDEHYDROPROSTAGLANDIN F1-alpha see: MJ9669800
(6-(3-(m-(TRIFLUOROMETHYL)PHENYL)-D-ALANINE))-LHRH see: OK6591000
(6-(3-(p-(TRIFLUOROMETHYL)PHENYL)-D-ALANINE))-LHRH see: OK6701000
(6-(3-(m-(TRIFLUOROMETHYL)PHENYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6591000
(6-(3-(p-(TRIFLUOROMETHYL)PHENYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6701000
N-(m-TRIFLUOROMETHYLPHENYL)-2-AMINOBENZOIC ACID see: CB4375000
N-(3-TRIFLUOROMETHYLPHENYL)ANTHRANILIC ACID see: CB4375000
m-TRIFLUOROMETHYLPHENYL CHLORIDE see: XS9143000
o-TRIFLUOROMETHYLPHENYL CHLORIDE see: XS9144000
p-TRIFLUOROMETHYLPHENYL CHLORIDE see: XS9145000
4-(2-TRIFLUOROMETHYLPHENYL)-3,5-DICARBETHOXY-2,6-DIMETHYL-1,4-DIHYDROPYRIDINE see: US7977800
N-(m-TRIFLUOROMETHYLPHENYL)-N',N'-DIMETHYLUREA see: YT1575000
N-(3-TRIFLUOROMETHYLPHENYL)-N'-N'-DIMETHYLUREA see: YT1575000
3-(m-TRIFLUOROMETHYLPHENYL)-1,1-DIMETHYLUREA see: YT1575000
1-(m-TRIFLUOROMETHYLPHENYL)-3-(2-HYDROXYETHYL)-QUINAZOLINE-2,4(1H,3H)-DIONE see: VA14112002,4(1H,3H)-QUINAZOLINEDIONE, 3-(2-HYDROXYETHYL)-1-(m-(TRIFLUOROMETHYL)PHENYL)-
1-(m-TRIFLUOROMETHYLPHENYL)-3-(2'-HYDROXYETHYL)QUINAZOLINE-2,4-DIONE see: VA1411200
2-((3-TRIFLUOROMETHYL)PHENYL)-4-ISOPROPYL-TETRAHYDRO-1,4-OXAZINE see: QE6150000
2-(3-TRIFLUOROMETHYL) PHENYL 4-ISOPROPYL TETRAHYDRO 1,4-OXAZINE CHLORHYDRATE (French) see: QE5270000 MORPHOLINE, 4-ISOPROPYL-2-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-, HYDROCHLORIDE
4-(3-TRIFLUOROMETHYL)PHENYLPIPERAZINEETHANOL o-(7-TRIFLUOROMETHYL-4-QUINOLYLAMINO)BENZOATE see: TM0806000
1,1,1-TRIFLUORO-N-(2-METHYL-4-(PHENYLSULFONYL)PHENYL)METHANESULFONAMIDE see: FB0480000
3'-(TRIFLUOROMETHYL)PHTHALANILIC ACID see: TH8760000 PHTHALANILIC ACID, 3'-(TRIFLUOROMETHYL)-
2-(8'-TRIFLUOROMETHYL-4'-QUINOLYLAMINO)BENZOIC ACID 2,3-DIHYDROXY PROPYL ESTER see: DH8520000
6-TRIFLUOROMETHYL-7-SULFAMYL-3,4-DIHYDRO-1,2,4-BENZOTHIADIAZINE-1,1-DIOXIDE see: DK9625000
4-(3-(2-(TRIFLUOROMETHYL)THIOXANTHEN-9-YLIDENE)PROPYL)-1-PIPERAZINEETHANOL DIHYDROCHLORIDE see: XO0740000
(TRIFLUOROMETHYL)TRIFLUOROOXIRANE see: TZ3400000
TRIFLUOROMONOBROMOMETHANE see: PA5425000
TRIFLUOROMONOCHLOROCARBON see: PA6410000
TRIFLUOROMONOCHLOROETHYLENE see: KV0525000
2,2,2-TRIFLUORO-N-(4-(5-NITRO-2-FURYL)-2-THIAZOLYL)ACETAMIDE see: AC6700000
2,2,2-TRIFLUORO-N-(9-OXOFLUOREN-2-YL)ACETAMIDE see: AD0175000
TRIFLUOROPERAZINE DIHYDROCHLORIDE see: SP1750000
TRIFLUOROPERAZINE HYDROCHLORIDE see: SP1750000
TRIFLUOROPHOSPHINE see: TH3850000
1,1,1-TRIFLUOROPROPENE see: UD2792000 PROPENE, 3,3,3-TRIFLUORO-
3,3,3-TRIFLUOROPROPENE see: UD2792000 PROPENE, 3,3,3-TRIFLUORO-
(E)-5-(3,3,3-TRIFLUORO-1-PROPENYL)-2'-DEOXYURIDINE see: YU7960000
3,3,3-TRIFLUOROPROPYLENE see: UD2792000 PROPENE, 3,3,3-TRIFLUORO-
17-(3,3,3-TRIFLUORO-1-PROPYNYL)ESTRA-1,3,5(10)-TRIEN-3,17-beta-DIOL see: KG7660000
TRIFLUOROPYRAZIN DIHYDROCHLORIDE see: SP1750000
TRIFLUOROSTANNITE OF HEXADECYLAMINE see: MM1120500
alpha,beta,beta-TRIFLUOROSTYRENE see: WL6478050 STYRENE, alpha,beta,beta-TRIFLUORO-
alpha,alpha,alpha-TRIFLUOROTOLUENE see: XT9450000
omega-TRIFLUOROTOLUENE see: XT9450000
alpha,alpha,alpha-TRIFLUORO-m-TOLUIC ACID THALLIUM (I) SALT see: XU2450000
4-(N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)ACETAMIDO)BUTYRIC ACID see: ET6720000 BUTYRICACID, 4-(N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)ACETAMIDO)-
N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)ANTHRANILIC ACID see: CB4375000
N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)ANTHRANILIC ACID BUTYL ESTER see: DH8511000
N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)BENZAMIDINE see: CV6565000
N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)ISONICOTINAMIDINE see: NS0995000
N-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)NICOTINAMIDINE see: QS4790000
5-(alpha,alpha,alpha-TRIFLUORO-m-TOLYLOXYMETHYL)-2-OXAZOLIDINETHIONE see: RQ2275000
1,1,2-TRIFLUORO-1,2,2-TRICHLOROETHANE see: KJ4000000
TRIFLUORO(TRIFLUOROMETHYL)OXIRANE see: TZ3400000
TRIFLUOROVINYL BROMIDE see: KU8830000
TRIFLUOROVINYL CHLORIDE see: KV0525000
TRIFLUORURE DE CHLORE (French) see: FO2800000
TRIFLUPERAZINE see: SP1500000
TRIFLUPERAZINE DIHYDROCHLORIDE see: SP1750000
TRIFLUPERIDOL see: EU3500000
TRIFLUPERIDOL HYDROCHLORIDE see: EU3550000
TRIFLUPROMAZINE see: SO8850000
TRIFLUPROMAZINE HYDROCHLORIDE see: SO8925000
TRIFLURALIN see: XU9275000
TRIFLURALINE see: XU9275000
TRIFOCIDE see: GO9625000
TRIFOLEX see: ES8575000
TRIFOLITIN see: LK9275200

YF4952000 TRIFOLIUM MINUS Linn., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

YF4955000 TRIFOLIUM PRATENSE Linn., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-mus LD50:1 gm/kg IJEBA6 15,208,77

TRIFORINE and SODIUM NITRITE see: TK9250000
TRIFORMOL see: RV0540000
TRIFORMYL-STROSPESIDE see: WL2002000
TRIFOSFAMIDE see: RP5880000
TRIFRINA see: GO9625000
TRIFTAZIN see: SP1750000
TRIFUNGOL see: NO8750000
TRIFUREX see: XU9275000
TRIFUROX see: RQ3675000
TRI-alpha-FURYL ARSINE see: CH8750000
TRIGEN see: YE4550000
TRIGENOLLINE see: YF6825000
TRIGLYCINE see: AJ0175000
TRIGLYCOL see: YE4550000
TRIGLYCOL, DIACETATE see: YE4950000
TRIGLYCOLLAMIC ACID see: AJ0175000
TRIGLYCOL MONOBUTYL ETHER see: KJ9450000
TRIGLYCOL MONOETHYL ETHER see: KK8950000
TRIGLYCOL MONOMETHYL ETHER see: KL6390000

YF6300000 TRIGONELLA FOENUM-GRAECUM Linn., seed extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

YF6500000 TRIGONELLA PUBESCENCE Edgew. ex. Baker, extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
3J30M10V30 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

TRIGONELLIN see: YF6825000
TRIGONELLINAMIDE see: UU3300000 PYRIDINIUM, 3-CARBAMOYL-1-METHYL-

YF6825000 TRIGONELLINE
UPDT:8403 CAS: 535-83-1 MW: 137.15 MOLFM: C7-H7-N-O2
SYN: BETAIN NICOTINAT * BETAINE NICOTINATE * CAFFEARINE * 3-CARBOXY-1-METHYLPYRIDINIUM HYDROXIDE inner salt * COFFEARIN * COFFEARINE * GYNESINE * N-METHYLNICOTINATE * N-METHYLNICOTINIC ACID * N-METHYLNICOTINIC ACID * NICOTINIC ACID N-METHYLBETAINE * PYRIDINIUM, 3-CARBOXY-1-METHYL-, HYDROXIDE, INNER SALT (8CI) * TRIGENOLLINE * TRIGONELLIN
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5000 mg/kg AIPTAK 210,27,74
scu-rat LD50:5 gm/kg PSEBAA 62,19,46

TRIGONOX 29 see: SD8601000
TRIGONOX 40 see: SA2400000
TRIGONOX 17/40 see: YV6191200
TRIGONOX 25/75 see: SE0952000
TRIGONOX 101-101/45 see: MO1835000
TRIGONOX A-75 (Czech) see: EQ4900000
TRIGONOX A-W70 see: EQ4900000
TRIGONOX C see: SD9450000
TRIGONOX 23-C75 see: SF0750000
TRIGONOX 25-C75 see: SE0950000
TRIGONOX F-C50 see: SD8925000
TRIGONOX HM 80 see: SA9105550
TRIGONOX TMPH see: EQ4910000
TRIGONYL see: UV8240000
TRIGOSAN see: OV6475000
TRIHERBICIDE CIPC see: FD8050000
TRIHERBIDE see: FD9100000
TRIHERBIDE-IPC see: FD9100000
TRIHEXYLENE GLYCOL DIBORATE see: SA1050000
TRIHEXYLTIN ACETATE see: WH6125000
TRI-n-HEXYLZINNACETAT (German) see: WH6125000
TRIHEXYPHENIDYL HYDROCHLORIDE see: TN2625000
TRIHISTAN see: TL2100000
TRIHYDRATED ALUMINA see: BD0940000
3,7,15-TRIHYDROXY-4-ACETOXY-8-OXO-12,13-EPOXY-delta(sup 9)-TRICHOTHECENE see: YD0160000
TRIHYDROXYALUMINUM see: BD0940000
1,8,9-TRIHYDROXYANTHRACENE see: CB1225000
1,2,3-TRIHYDROXY-9,10-ANTHRACENEDIONE see: CB8198000
1,2,3-TRIHYDROXYANTHRAQUINONE see: CB8198000
1,2,3-TRIHYDROXYBENZEN (Czech) see: UX2800000
s-TRIHYDROXYBENZENE see: SY1050000
sym-TRIHYDROXYBENZENE see: SY1050000
1,2,3-TRIHYDROXYBENZENE see: UX2800000
1,3,5-TRIHYDROXYBENZENE see: SY1050000
3,4,5-TRIHYDROXYBENZENE-1-PROPYLCARBOXYLATE see: LW8400000
3,4,5-TRIHYDROXYBENZOIC ACID see: LW7525000
3,4,5-TRIHYDROXYBENZOIC ACID n-PROPYL ESTER see: LW8400000
3-beta,5,14-TRIHYDROXY-5-beta-BUFA-20,22-DIENOLIDE see: EI2996700
3-beta,14,16-beta-TRIHYDROXY-5-beta-BUFA-20,22-DIENOLIDE see: EI2997000
1,2,4-TRIHYDROXYBUTANE see: EK7176000
3-beta,14,19-TRIHYDROXYCARDA-4,20(22)-DIENOLIDE see: FH4479500
3-beta,12-beta,14-TRIHYDROXY-CARD-20(22)-ENOLIDE see: FH5390000
3-beta,12-beta,14-TRIHYDROXY-5-beta-CARD-20(22)-ENOLIDE 3,12-DIFORMATE see: FH5420000
3-beta,14,16-beta-TRIHYDROXY-5-beta-CARD-20(22)-ENOLIDE 3,16-DIFORMATE see: FH5421000
3-beta,14,16-beta-TRIHYDROXY-5-beta-CARD-20(22)-ENOLIDE 16-FORMATE see: FH5423000
3beta,12beta,14beta-TRIHYDROXY-5-beta-CARD-20(22)ENOLIDE-3-(4'')-O-METHYL-TRIDIGITOXOSIDE) see: FH5310000
2',4,4'-TRIHYDROXYCHALCONE see: FL7080000
TRIHYDROXY 3-7-12 CHOLANATE de Na (French) see: FZ9600000
3-alpha,7-alpha,12-alpha-TRIHYDROXY-5-beta-CHOLAN-24-OIC ACID see: FZ9350000
3,7,12-TRIHYDROXY-CHOLAN-24-OIC ACID (3-alpha,5-beta,7-alpha,12-alpha see: FZ9350000
3-alpha,7-alpha,12-alpha-TRIHYDROXYCHOLANSAEURE (German) see: FZ9350000
TRIHYDROXYCYANIDINE see: XZ1800000
1,3,5-TRIHYDROXYCYCLOHEXATRIENE see: SY1050000
3,4,5-TRIHYDROXY-1-CYCLOHEXENE-1-CARBOXYLIC ACID see: GW4600000
3,16-alpha,17-beta-TRIHYDROXY-DELTA-1,3,5-OESTRATRIENE see: KG8225000
2-(-)-4,6,8-TRIHYDROXY-3a,12a-DIHYDROANTHRA(2,3-b)FURO(3,2-d)FURAN-5,10-DIONE see: CB1750000
3,16-alpha,17-beta-TRIHYDROXYESTRA-1,3,5(10)-TRIENE see: KG8225000
3,16-alpha,17-beta-TRIHYDROXY-DELTA-1,3,5-ESTRATRIENE see: KG8225000
TRIHYDROXYESTRIN see: KG8225000
TRI(HYDROXYETHYL)AMINE see: KL9275000
3,5,7-TRIHYDROXYFLAVONE see: LK9275500
4',5,7-TRIHYDROXYFLAVAONE see: LK9276000
4',5,7-TRIHYDROXYFLAVONE see: LK9276000
5,7,8-TRIHYDROXYFLAVONE see: LK9276100 see: TK7909000 [illegible]ERAZINEACETIC ACID, 4-(3,4,5-TRIMETHOXYCINNAMOYL)-, ETHYL ESTER,HYDRO[illegible]RIDE
5,7,4'-TRIHYDROXYFLAVONOL see: LK9275200

4,4,17-TRIHYDROXYGONA-1,5(10)-DIEN-3-ONE 4,4-DIACETATE see: MD6950700
9,10,16-TRIHYDROXYHEXADECANOIC ACID see: ML9850000
DL-erythro-9,10,16-TRIHYDROXYHEXADECANOIC ACID see: ML9850000
17-beta,20,21-TRIHYDROXY-D-HOMO-19-NOR-17-alpha-PREGN-4-EN-3-ONE see: MT0570000
17,20,21-TRIHYDROXY-D-HOMO-19-NOR-17-alpha-PREGN-4-EN-3-ONE see: MT0570000
4',5,7-TRIHYDROXYISOFLAVONE see: NR2392000
5,7,4'-TRIHYDROXYISOFLAVONE see: NR2392000
5,7,8-TRIHYDROXY-3-METHOXYFLAVONE see: LK8654000
4',5,7-TRIHYDROXY-6-METHOXYISOFLAVONE see: NR2400000
11-beta,17,21-TRIHYDROXY-6-alpha-METHYL-1,4-PREGNADIENE-3,20-DIONE 21-(SODIUM SUCCINATE) see: TU4154060
2,4a,7-TRIHYDROXY-1-METHYL-8-METHYLENEGIBB-3-ENE-1,10-CARBOXYLIC ACID 1-4-LACTONE see: LY8990000
TRIHYDROXY-N-METHYLINDOLE see: NM1890200
3,5,6-TRIHYDROXY-N-METHYLINDOLE see: NM1890200
11-beta,17,21-TRIHYDROXY-6-alpha-METHYLPREGNA-1,4-DIENE-3,20-DIONE see: TU4146000
11-beta,17-alpha,21-TRIHYDROXY-6-alpha-METHYL-1,4-PREGNADIENE-3,20-DIONE see: TU4146000
(5Z,9-alpha,11-alpha,13E,15S)-9,11,15-TRIHYDROXY-15-METHYLPROSTA-5,13-DIEN-1-OIC ACID see: UK8021000
delta-sup(20:22)-3,14,21-TRIHYDROXYNORCHOLENIC ACID LACTONE see: FH4975000
3,16-alpha,17-beta-TRIHYDROXYOESTRA-1,3,5(10)-TRIENE see: KG8225000
TRIHYDROXYOESTRIN see: KG8225000
3-beta,5,14-TRIHYDROXY-19-OXO-5-beta-CARD-20(22)-ENOLIDE see: FH5425000
2-((3-alpha,7-alpha,12-alpha-TRIHYDROXY-24-OXO-5-beta-CHOLAN-24-YL)AMINO)ETHANESULFONIC ACID see: WX0350000
3,5,14-TRIHYDROXY-19-OXOCARD-20(22)-ENOLIDE see: FH5425000
8,9,15-TRIHYDROXYPENTADECANE-1-CARBOXYLIC ACID see: ML9850000
2,4,5-TRIHYDROXYPHENETHYLAMINE see: DC4580000
3,4,5-TRIHYDROXYPHENETHYLAMINE HYDROCHLORIDE see: DC4650000
7-(3-((beta,3,5-TRIHYDROXYPHENETHYL)AMINO)PROPYL)THEOPHYLLINE MONOHYDROCHLORIDE see: XH5099000
TRIHYDROXYPHOSPHINE see: SZ6475500
11-beta,17,21-TRIHYDROXYPREGNA-1,4-DIENE-3,20-DIONE see: TU4152000
11-beta,17-alpha,21-TRIHYDROXYPREGNA-1,4-DIENE-3,20-DIONE see: TU4152000
11-beta,17-alpha,21-TRIHYDROXY-1,4-PREGNADIENE-3,20-DIONE see: TU4152000
11-beta,17-alpha,21-TRIHYDROXY-1,4-PREGNADIENE-3,20-DIONE 21-ACETATE 17-VALERATE see: TU3687000
11-beta,17-alpha,21-TRIHYDROXY-4-PREGNENE-3,20-DIONE see: GM8925000
11-beta,17-alpha,21-TRIHYDROXYPREGN-4-ENE-3,20-DIONE see: GM8925000
11-beta,17,21-TRIHYDROXYPREGN-4-ENE-3,20-DIONE see: GM8925000
17,19,21-TRIHYDROXYPREGN-4-ENE-3,20-DIONE see: TU5455000
TRIHYDROXYPROPANE see: MA8050000
1,2,3-TRIHYDROXYPROPANE see: MA8050000
9,11,15-TRIHYDROXYPROSTA-5,13-DIEN-1-OIC ACID see: UK8020000 PROSTA-5,13-DIEN-1-OIC ACID,(5Z,9-alpha,11-alpha,13E,15S)-9,11,15-TRIHYDROXY-
(5Z,9-alpha,11-alpha,13E,15S)-9,11,15-TRIHYDROXYPROSTA-5,13-DIEN-1-OIC ACID see: UK8020000
3,7,15-TRIHYDROXYSCIRP-4-ACETOXY-9-EN-8-ONE see: YD0160000
5,3',4'-TRIHYDROXY-3,6,7,8-TETRAMETHOXYFLAVONE see: LK9275480
2,4,6-TRIHYDROXY-1,3,5-TRIAZINE see: XZ1800000
TRIHYDROXYTRIETHYLAMINE see: KL9275000
3,5,3'-TRIIODO-4'-ACETYLTHYROFORMIC ACID see: DG0920000
TRIIODOARSINE see: CG1950000
3-(3,4,5-TRIIODOBENZENESULFONAMIDO)BENZENESULFONIC ACID see: DB8350000
3-(3,4,5-TRIIODOBENZENESULFONAMIDO)BENZOIC ACID see: DH9293000
4-N-(3,4,5-TRIIODOBENZENESULFONAMIDO)BENZOIC ACID see: DH9293500
alpha-(3,4,5-TRIIODOBENZENESULFONAMIDO)-p-TOLUENESULFONAMIDE see: XT5995000
alpha-(3,4,5-TRIIODOBENZENESULFONAMIDO)-p-TOLUENESULFONIC ACID see: XT7365000
4-N-(3,4,5-TRIIODOBENZENESULFONYL)-AMINO-METHYLBENZENESULFONAMIDE see: XT5995000
4-N-(3,4,5-TRIIODOBENZENESULFONYL)-AMINO-METHYLBENZENESULFONIC ACID see: XT7365000
N-(3,4,5-TRIIODOBENZENESULFONYL)ANTHRANILIC ACID see: CB4415000
N-(3,4,5-TRIIODOBENZENESULFONYL)GLYCINE SODIUM SALT see: MC1138000
N-(3,4,5-TRIIODOBENZENESULFONYL)SULFANILIC ACID SODIUM SALT see: WP3899500
TRIIODOBENZOIC ACID see: DH9275000
2,3,5-TRIIODOBENZOIC ACID see: DH9275000
2,3,5-TRIIODOBENZOIC ACID compd. with N-METHYLMETHANAMINE (1:1) see: DH9350000
alpha-(2,4,6-TRIIODO-3-BUTYRYLAMINOBENZYLIDENE)BUTYRIC ACID SODIUM SALT see: GD8430000
2,4,6-TRIIODO-3,5-DIPROPIONAMIDOBENZOIC ACID SODIUM SALT see: DH9300000
3,3',5-TRIIODODISULFANILAMIDE SODIUM SALT see: JN9950000
TRIIODOETHIONIC ACID see: MW5280000
TRIIODOETHYLATE DE GALLAMINE (French) see: BS1100000
TRIIODOETHYLATE of TRI(DIETHYLAMINOETHYLOXY)-1,2,3-BENZENE see: BS1100000
TRI(IODOETHYLATE) de TRI (beta DIETHYLAMINOETHOXY)-1,2,3 BENZENE (French) see: BS1100000
alpha-(2,4,6-TRIIODO-3-HYDROXYBENZYL)BUTYRIC ACID see: MW5280000
TRIIODOMETHANE see: PB7000000
(2,4,6-TRIIODOPHENOXY)ACETIC ACID see: AK0450000
TRIIODORESORCINOL see: VH3520000
TRIIODOSALICYLANILIDE see: VN9110000
3,4',5'-TRIIODOSALICYLANILIDE see: VN9110000
TRIIODOTHYROACETIC ACID, DIETHANOLAMINE see: AI1980000
TRIIODOTHYRONINE see: AY6750000
L-TRIIODOTHYRONINE see: AY6750000
TRIIODO-L-THYRONINE see: AY6750000
3,3',5-TRIIODOTHYRONINE see: AY6750000
3,5,3'-TRIIODOTHYRONINE see: AY6750000
TRIIODRAST see: DG0888000
TRIIODYL see: DG0888000
TRIIOTRAST see: DG0888000
TRIIOTROST see: DG0888000
TRIISOBUTENYLSUCCINIC ANHYDRIDE see: WN1400000
TRIISOBUTYLALANE see: BD2203500
TRIISOBUTYLALUMINIUM see: BD2203500
TRIISOBUTYLALUMINUM see: BD2203500
TRIISOBUTYLENE see: UD1150000
TRIISOBUTYLENE (DOT) see: UD1150000
TRIISOBUTYLTIN CHLORIDE see: WH6845000
TRIISOCYANATOISOCYANURATE, solution 70% by weight (DOT) see: XZ1965000
TRIISOPENTYLPHOSPHINE see: SZ3776000
TRIISOPROPANOLAMINE see: UB8750000
TRIISOPROPYL BORATE see: ED5950000
TRIISOPROPYL BORATE (DOT) see: ED5950000
TRIISOPROPYLTIN ACETATE see: WH6300000
TRIISOPROPYLTIN UNDECYLENATE see: WH8820000
TRIISOPROPYL-s-TRIOXANE see: YK0510000
2,4,6-TRIISOPROPYLTRIOXANE see: YK0510000
2,4,6-TRIISOPROPYL-1,3,5-TRIOXANE see: YK0510000
TRIJOBIL see: ET6750000

2,4,6-TRIJOD-3-ACETAMINOBENZOSAEURE NATRIUM (German) see: DG0888000
N-(2,4,6-TRIJOD-3-AMINOPHENYL)-beta-METHYLGLUTARAMIDSAEURE (German) see: MA3085000
2,4,6-TRIJOD-3-(n)-BUTYRYLAMINO-PHENOXY-ESSIGSAEURE (German) see: AF7493000
alpha-(2,4,6-TRIJOD-3(n)-BUTYRYLAMINO-PHENOXY)-PROPIONSAEURE (German) see: UE8389000
beta-(2,4,6-TRIJOD-3-DIMETHYLAMINOMETHYLENAMINO-PHENYL)-PROPIONSAEURE (German) see: MW5200000
beta-(2,4,6-TRIJOD-3-DIMETHYLAMINOMETHYLENAMINO-PHENYL)-PROPIONSAEURE Ca-SALZ (German) see: MW5175000
gamma-(2,4,6-TRIJOD-3-HYDROXY-PHENOXY)-BUTTERSAEURE (German) see: ET4809050
N-(2,4,6-TRIJOD-3-HYDROXYPHENYL)-SUCCINAMIDSAEURE (German) see: WM4600000
2,4,6-TRIJOD-3-HYDROXYZIMTSAEURE (German) see: GD9530000
TRIKACIDE see: NI5600000
TRIKAMON see: NI5600000
TRIKEPIN see: XU9275000
o-TRIKRESYLPHOSPHATE (German) see: TD0350000
TRIKETOHYDRINDENE HYDRATE see: NK5425000
TRIKHLORFENOLYAT MEDI (Russian) see: SN2030000
TRIKLONE see: KX4550000
TRIKOJOL see: NI5600000
TRIKOLAVAL see: XJ1570000
TRIKOZOL see: NI5600000
TRIKRESYLPHOSPHATE (German) see: TD0175000
TRIKSAZIN see: QF1050000
TRILAFON see: TL7175000
TRILAN see: BZ3400000 o-ANISAMIDE, N-((1-ETHYL-2-PYRROLIDINYL)METHYL)-5-SULFAMOYL-
TRILEAD PHOSPHATE see: OG3675000
TRILEAD TETROXIDE see: OG5425000
TRILEN see: KX4550000
TRILENE see: KX4550000
TRILIDONA see: RQ2100000
TRILINE see: KX4550000
TRILLEKAMIN see: YE2800000
TRILOFOSFAMIDA see: RP5880000
TRILON A see: AJ0175000
TRILON AO see: AH5250000
TRILON B see: AH4025000
TRILON B see: AH5075000
TRILON B see: AH4375000
TRILON BO see: AH4375000
TRILON BW see: AH4025000
TRILONE 46 see: TA8400000
TRILOPHOSPHAMIDE see: RP5880000
TRILOSTANE see: BV8044200
TRILUDAN see: TM4969000
TRIM see: XU9275000
TRIMANGANESE TETRAOXIDE see: OP0895000
TRIMANGANESE TETROXIDE see: OP0895000
TRIMANGOL see: OP0700000
TRIMANGOL 80 see: OP0700000
TRIMANOC see: OP0891500
TRIMANYL see: UV8225000
TRIMAR see: KX4550000
TRIMATON see: FC2100000
TRI-ME see: TD5425000
TRIMEC see: DG7506200
TRIMECAIN see: AE2075000
TRIMECAINE see: AE2100000
TRIMECAINE see: AE2075000
TRIMECAINE HYDROCHLORIDE see: AE2100000

VG5584000 TRIMEC 450 BRUSH KILLER
DEF: DIMETHYLAMINE salts of 2,4-D, MECOPROP and DICAMBA (FMCHA2 -,C245,83)
UPDT: 8309
TOXICITY DATA AND REFERENCES:
*   orl-rat LD50:1320 mg/kg   FMCHA2 -,C245,83

VG5588000 TRIMEC 352 WEED AND BRUSH KILLER
DEF: DIMETHYLAMINE salts of 2,4-D, MECOPROP and DICAMBA (FMCHA2 -,C245,83)
UPDT: 8309
TOXICITY DATA AND REFERENCES:
*   orl-rat LD50:2380 mg/kg   FMCHA2 -,C245,83

TRIMEDAL see: RQ2100000
TRIMEDONE see: RQ2100000
TRIMEDOXIME BROMIDE see: UU7525000
TRIMEDOXIME DICHLORIDE see: UU7700000
TRIMEKAIN HYDROCHLORIDE see: AE2100000
TRIMEKS see: NI5600000
TRIMELLIC ACID ANHYDRIDE see: DC2050000
TRIMELLIC ACID 1,2-ANHYDRIDE see: DC2050000
TRIMELLITIC ACID see: DC1980000
TRIMELLITIC ANHYDRIDE see: DC2050000
TRIMELLITIC ACID CYCLIC 1,2-ANHYDRIDE see: DC2050000
TRIMEPERIDINE see: TM8000000
TRIMEPRANOL see: UB6500000
TRIMEPRAZINE see: SO5700000
TRIMEPRIMINE MALEATE see: HN9260000
TRIMEPRIMINE MONOMALEATE see: HN9260000
1,3,5-TRIMERCAPTOTRIAZINE see: XZ2830000
2,4,6-TRIMERCAPTO-s-TRIAZINE see: XZ2830000
TRIMERESURUS FLAVOVIRIDIS VENOM see: YX4460000
TRIMESULF see: UV8240000
TRIMESURUS MUCROSQUAMATUS VENOM see: YX3963550
TRIMETADIONE see: RQ2100000
TRIMETAPHAN CAMPHORSULFONATE see: NJ6100000
TRIMETAPHAN CAMSILATE see: NJ6100000
TRIMETAZIDINE DIHYDROCHLORIDE see: TM2976100
TRIMETAZIDINE HYDROCHLORIDE see: TM2976100
TRIMETHADIONE see: RQ2100000
TRIMETHAPHAN CAMPHORSULFONATE see: NJ6100000
TRIMETHAPHAN CAMSYLATE see: NJ6100000
TRIMETHAPHAN 10-CAMPHORSULFONATE see: NJ6100000
TRIMETHIN see: RQ2100000
TRIMETHIOPHANE see: NJ6100000
TRIMETHOATE see: TD8225000
TRIMETHOPRIM see: UV8225000
TRIMETHOPRIMSULFA see: UV8240000
TRIMETHOPRIM-SULFAMOXOLE mixture see: DA9501600
TRIMETHOPRIM and SULFAMOXOLE see: DA9501600
TRIMETHOPRIM and SULPHAMETHOXAZOLE see: UV8240000
TRIMETHOPRIOM see: UV8225000

BEST COPY

TRIMETHOQUINOL see: NX0500000
(-)-TRIMETHOQUINOL see: NX0500000
(+-)-TRIMETHOQUINOL see: NX0500020
TRIMETHOXAZINE see: QF1050000
2,4,5-TRIMETHOXYBENZALDEHYDE see: CU8460000
3,4,6-TRIMETHOXYBENZALDEHYDE see: CU8460000
epsilon-(3,4,5-TRIMETHOXYBENZAMIDO)CAPROIC ACID SODIUM SALT see: MO8439000
HEXANOIC ACID, 6(3,4,5-TRIMETHOXYBENZAMIDO)-, MONOSODIUM SALT
epsilon-(3,4,5-TRIMETHOXYBENZAMIDO)CAPRONSAEURE NATRIUM (German) see: MO8439000
HEXANOICACID, 6-(3,4,5-TRIMETHOXYBENZAMIDO)-, MONOSODIUM SALT
3-(3,4,5-TRIMETHOXYBENZAMIDO)PIPERIDINE see: CV5792600 BENZAMIDE, N-(3-PIPERIDYL)-3,4,5-TRIMETHOXY-
3,4,5-TRIMETHOXYBENZENEETHANAMINE see: SI2625000
3,4,5-TRIMETHOXYBENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE see: DI0320000
3,4,5-TRIMETHOXYBENZOIC ACID alpha-((DIETHYLAMINO)METHYL)BENZYL ESTER HYDROCHLORIDE see: DI0330000
3,4,5-TRIMETHOXYBENZOIC ACID IMIDAZOL-4-YLMETHYL ESTER HYDROCHLORIDE see: DI0750000
3,4,5-TRIMETHOXYBENZOIC ACID 4-(4-PHENYL-1-PIPERAZINYL)BUTYL ESTER DIHYDROCHLORIDE see: DI0876700
(+-)-3,4,5-TRIMETHOXYBENZOIC ACID 3-QUINUCLIDINYL ESTER see: DI0879200
6-((3,4,5-TRIMETHOXYBENZOYL)AMINO)HEXANOIC ACID SODIUM SALT see: MO8439000
HEXANOIC ACID, 6(3,4,5-TRIMETHOXYBENZAMIDO)-, MONOSODIUM SALT
3,4,5-TRIMETHOXYBENZOYL METHYL RESERPATE see: ZG0350000
N-(3,4,5-TRIMETHOXYBENZOYL)MORPHOLINE see: QF1050000
4-(3,4,5-TRIMETHOXYBENZOYL)MORPHOLINE see: QF1050000
3,4,5-TRIMETHOXYBENZOYL-N-TETRAHYDROXAZINE see: QF1050000
3,4,5-TRIMETHOXY-N-BENZOYLTETRAHYDROXAZINE see: QF1050000
5-(3,4,5-TRIMETHOXYBENZYL)-2,4-DIAMINOPYRIMIDINE see: UV8225000
dl-1-(3,4,5-TRIMETHOXYBENZYL)-6,7-DIHYDROXY-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROCHLORIDE see: NX0500020
l-1-(3,4,5-TRIMETHOXYBENZYL)-6,7-DIHYDROXY-1,2,3,4-TETRAHYDROISOQUINOLINE HYDROCHLORIDE see: NX0500000
1-(2,3,4-TRIMETHOXYBENZYL)PIPERAZINE DIHYDROCHLORIDE see: TM2976100
5-(2,4,5-TRIMETHOXYBENZYL)-2,4-THIAZOLIDINEDIONE see: XJ5950400
5-(2,4,5-TRIMETHOXYBENZYL)THIAZOLIDINE-2,4-DIONE see: XJ5950400
5-(3,4,5-TRIMETHOXYBENZYL)-2,4-THIAZOLIDINONE see: XJ6301000
TRIMETHOXYBORINE see: ED5600000
1,1,3-TRIMETHOXYBUTANE see: EK7175000
3,4,5-TRIMETHOXYCARBANILIC ACID 3-(4-PHENYL-1-PIPERAZINYL)PROPYL ESTER MALEATE see: FD9797000
3,4,5-TRIMETHOXYCARBANILIC ACID 4-PYRIDYLMETHYL ESTER see: FD9798000
3,4,5-TRIMETHOXYCINNAMALDEHYDE see: GD6850000
(3',4',5'-TRIMETHOXYCINNAMOYL)-1-(N-ISOPROPYL AMINO CARBONYL METHYL)-4 PIPERAZINE MALEATE see: TK7850000
TRIMETHOXYCINNAMOYL METHYL RESERPATE see: ZG0700000
4-(3,4,5-TRIMETHOXYCINNAMOYL)-1-PIPERAZINEACETIC ACID ETHYL ESTER HYDROCHLORIDE see: TK7909000
4-(3,4,5-TRIMETHOXYCINNAMOYL)-1-PIPERAZINEACETIC ACID ETHYL ESTER MALEATE see: TK7909900
((TRIMETHOXY-3',4',5' CINNAMOYL)-4 PIPERAZINYL)-2 ACETATE D'ETHYLE (MALEATE) (French) see: TK7909900
1-(4-((3',4',5'-TRIMETHOXYCINNAMOYL)-1-PIPERAZINYL)ACETYL)PYRROLIDINE MALEATE see: TM2785100
4-(3,4,5-TRIMETHOXYCINNAMOYL)-1-(1-PYRROLIDINYL)CARBONYLMETHYLPIPERAZINE MALEATE see: TM2785100
TRI-(2-METHOXYETHANOL)PHOSPHATE see: KL6569400
3,4,5-TRIMETHOXYPHENETHYLAMINE see: SI2625000
(6-(3-(3,4,5-TRIMETHOXYPHENYL)-D-ALANINE))-LHRH see: OK6745000
(6-(3-(3,4,5-TRIMETHOXYPHENYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6745000
N-(3,4,5-TRIMETHOXYPHENYL)BENZAMIDINE see: CV6570000
2-(3,4,5-TRIMETHOXYPHENYL)-CYCLOPROPYLAMINE see: GZ2710000
2-(2,4,6-TRIMETHOXYPHENYL)-1,3-DITHIOLANE see: JP1183000
1-(2-(3,4,5-TRIMETHOXYPHENYL)ETHYL)-3-PYRROLINE HYDROCHLORIDE see: UY7380000
N-(3,4,5-TRIMETHOXYPHENYL)NICOTINAMIDINE see: QS4800000
TRIMETHOXYPHOSPHINE see: TH1400000
3,4,5-TRIMETHOXY-1-PIPERIDINECARBOXANILIDE see: TM6125300
TRIMETHOXY SILANE see: VV6750000
2-(TRIMETHOXYSILYL)ETHANETHIOL see: KJ2616000
4-(3,4,5-TRIMETHOXYTHIOBENZOYL)MORPHOLINE see: QF1790000
4-(3,4,5-TRIMETHOXYTHIOBENZOYL)TETRAHYDRO-1,4-OXAZINE see: QF1790000
4-(3,4,5-TRIMETHOXYTHIOCINNAMOYL)MORPHOLINE see: QF1795000
2,4,6-TRIMETHYLACETANILIDE see: AE8225000
2',4',6'-TRIMETHYLACETANILIDE see: AE8225000
TRIMETHYLACETIC ACID see: TO7700000
TRIMETHYL ACETYL CHLORIDE (DOT) see: AO7200000
TRIMETHYLALANE see: BD2204000
TRIMETHYLALUMINIUM see: BD2204000
TRIMETHYLALUMINUM see: BD2204000
TRIMETHYLAMINE see: PA0350000
TRIMETHYLAMINE, anhydrous (DOT) see: PA0350000
TRIMETHYLAMINE, aqueous solution (DOT) see: PA0350000
2,N,N-TRIMETHYL-4-AMINOAZOBENZENE see: XU5950000
1,2,4-TRIMETHYL-5-AMINOBENZENE see: BZ0520000
1,2,4-TRIMETHYL-5-AMINOBENZENE HYDROCHLORIDE see: BZ0875000
3,2',5'-TRIMETHYL-4-AMINODIPHENYL see: DV0450000
S-(2-TRIMETHYLAMINOETHYL)-1'-ETHYLISOTHIURIUM BROMIDE HYDROBROMIDE see: BQ3980000
2-TRIMETHYLAMINOETHYLISOTHIURONIUM BROMIDE HYDROBROMIDE see: BO4160000
AMMONIUM, (2-(AMIDINOTHIO)ETHYL)TRIMETHYL-, BROMIDE, MONOHYDROBROMIDE
2-(2'-TRIMETHYLAMINOETHYLTHIO)BENZIMIDAZOLINE BROMIDE HYDROBROMIDE see: BO4720000
AMMONIUM,(2-(2-BENZIMIDAZOLYLTHIO)ETHYL)TRIMETHYL-, BROMIDE, MONOHYDROBROMIDE
2-(2'-TRIMETHYLAMINOETHYLTHIO)IMIDAZOLINE BROMIDE HYDROBROMIDE see: BR6430000
AMMONIUM, (2-(2-IMIDAZOLIN-2-YLTHIO)ETHYL)TRIMETHYL-, BROMIDE, MONOHYDROBROMIDE
TRIMETHYLAMINOMETHANE see: EO3330000
TRIMETHYL-3-AMINOPHENYLARSONIUM CHLORIDE see: CH9625000
3-(TRIMETHYLAMMONIO)PHENOL IODIDE see: BR3500000
O-(3-(TRIMETHYLAMMONIO)PHENYL)-1,3,2-DIOXAPHOSPHORINANE 2-OXIDE IODIDE see: BQ7680000
TRIMETHYLAMMONIUMANILINE IODIDE see: BO4565020
4,4,17-alpha-TRIMETHYLANDROST-5-ENO(2,3-d)ISOXAZOL-17-OL see: BV7992000
2,4,5-TRIMETHYLANILIN (Czech) see: BZ0520000
p,N,N-TRIMETHYLANILINE see: XU5803000
N,N,4-TRIMETHYLANILINE see: XU5803000
2,4,5-TRIMETHYLANILINE see: BZ0520000
2,4,6-TRIMETHYLANILINE see: BZ0700000
2,4,5-TRIMETHYLANILINE HYDROCHLORIDE see: BZ0875000
2,4,6-TRIMETHYLANILINE HYDROCHLORIDE see: BZ1050000
TRIMETHYLANILLINIUM IODIDE see: BT2450000
N,N,N-TRIMETHYLANILINIUM IODIDE see: BT2450000
TRIMETHYLANTIMONY see: WJ1225000
TRIMETHYLARSINE SELENIDE see: CH8575000
3,3,9-TRIMETHYL-3-AZONIASPIRO(5.5)UNDECANE IODIDE see: CO1749100
5,7,11-TRIMETHYLBENZ(c)ACRIDINE see: CU4330000
7,8,11-TRIMETHYLBENZ(c)ACRIDINE see: CU4335000
7,9,10-TRIMETHYLBENZ(c)ACRIDINE see: CU4340000
7,9,11-TRIMETHYLBENZ(c)ACRIDINE see: CU4345000
1,3,10-TRIMETHYL-5,6-BENZACRIDINE (French) see: CU4350000
1,3,10-TRIMETHYL-7,8-BENZACRIDINE (French) see: CU4345000
1,4,10 TRIMETHYL,7:8 BENZACRIDINE (French) see: CU4335000
1,6,10 TRIMETHYL,7:8 BENZACRIDINE (French) see: CU4330000
2,3,10 TRIMETHYL,5:6 BENZACRIDINE (French) see: CU4348000
2,3,10-TRIMETHYL-7:8-BENZACRIDINE (French) see: CU4340000
3,5,9-TRIMETHYL-1:2-BENZACRIDINE see: CU4330000
5,6,9-TRIMETHYL-1:2-BENZACRIDINE see: CU4335000
5,7,8-TRIMETHYL-3:4-BENZACRIDINE see: CU4348000
1,10,3'-TRIMETHYL-5,6-BENZACRIDINE (French) see: CU4325000
4,5,10-TRIMETHYLBENZ(a)ANTHRACENE see: CX3675000
4,7,12-TRIMETHYLBENZ(a)ANTHRACENE see: CX3850000
6,7,8-TRIMETHYLBENZ(a)ANTHRACENE see: CX4025000
6,7,12-TRIMETHYLBENZ(a)ANTHRACENE see: CX4200000
6,8,12-TRIMETHYLBENZ(a)ANTHRACENE see: CX4375000
7,8,12-TRIMETHYLBENZ(a)ANTHRACENE see: CX4550000
7,10,12-TRIMETHYLBENZ(a)ANTHRACENE see: CX4900000
4,9,10-TRIMETHYL-1,2-BENZANTHRACENE see: CX4200000
5,9:10-TRIMETHYL-1:2-BENZANTHRACENE see: CX4550000
6,9,12-TRIMETHYL-1,2-BENZANTHRACENE see: CX4725000
2,4,5-TRIMETHYLBENZENAMINE see: BZ0520000
TRIMETHYL BENZENE see: DC3220000
as-TRIMETHYLBENZENE see: DC3325000
sym-TRIMETHYLBENZENE see: OX6825000
1,2,3-TRIMETHYLBENZENE see: DC3300000
1,2,4-TRIMETHYLBENZENE see: DC3325000
1,3,5-TRIMETHYLBENZENE see: OX6825000
1,3,5-TRIMETHYLBENZENE (DOT) see: OX6825000
N,alpha,alpha-TRIMETHYLBENZENEETHANAMINE see: SI3675000
2,4,6-TRIMETHYL-BENZENEMETHANOL (9CI) see: DP1402000
TRIMETHYLBENZOL see: OX6825000
1,3,6-TRIMETHYLBENZO(a)PYRENE see: DJ8050000
2,5,8-TRIMETHYL-4H-1-BENZOPYRAN-4-ONE see: DJ3100900
p-(3-(2,4,6-TRIMETHYLBENZOYL)ACRYLAMIDO)BENZOIC ACID ETHYL ESTER see: DI0889000
2,4,6-TRIMETHYLBENZYL ALCOHOL see: DP1402000
1,7,7-TRIMETHYL-BICYCLO(2.2.1)HEPTAN-2-OL, endo- see: ED7000000
1,3,3-TRIMETHYLBICYCLO(2.2.1)HEPTAN-2-ONE see: RB7875200
1,7,7-TRIMETHYLBICYCLO(2.2.1)-2-HEPTANONE see: EX1225000
3,7,7-TRIMETHYLBICYCLO(4.1.0)-3-HEPTENE see: FH8400000
2,6,6-TRIMETHYLBICYCLO(3.1.1)-2-HEPT-2-ENE see: DT7000000
(1R-cis)-4,6,6-TRIMETHYLBICYCLO(3.1.1)HEPT-3-EN-2-ONE see: TK5075000
3,2',5'-TRIMETHYLBIPHENYLAMINE see: DV0450000
TRIMETHYL BORATE see: ED5600000
TRIMETHYL BORATE (DOT) see: ED5600000
TRIMETHYLBROMOMETHANE see: TX4150000
TRIMETHYLCARBINOL see: EO1925000
TRIMETHYLCETYLAMMONIUM BROMIDE see: BQ7875000
TRIMETHYL-beta-CHLORETHYLAMMONIUMCHLORID (Czech) see: BP5250000
TRIMETHYLCHLOROMETHANE see: TX5040000
TRIMETHYL CHLOROSILANE see: VV2710000
TRIMETHYLCHLOROSILANE (DOT) see: VV2710000
TRIMETHYLCHLOROSTANNANE see: WH6850000
TRIMETHYLCHLOROTIN see: WH6850000
2,5,8-TRIMETHYLCHROMONE see: DJ3100900
3,4,5-TRIMETHYLCINNAMIC ACID, ester with METHYL RESERPATE see: ZG0700000
3,4,5-TRIMETHYLCINNAMOYL METHYL RESERPATE see: ZG0700000
TRIMETHYLCOLCHICINIC ACID see: GH0960000
TRIMETHYLCOLCHICINIC ACID METHYL ETHER see: GH0785000
TRIMETHYLCOLCHICINIC ACID METHYL ETHER D-TARTRATE see: GH0845000
TRIMETHYLCOLCHICINSAEUREMETHYL ESTER (German) see: GH0785000
3,3,5-TRIMETHYLCYCLOHEXANECARBOXALDEHYDE see: GU7875000
N,alpha,alpha-TRIMETHYLCYCLOHEXANEETHYLAMINE see: GV2452000
3,3,5-TRIMETHYLCYCLOHEXANOL see: GW0875000
3,3,5-TRIMETHYL-1-CYCLOHEXANOL see: GW0875000
3,5,5-TRIMETHYLCYCLOHEXANOL see: GW0875000
3,3,5-TRIMETHYLCYCLOHEXANOL alpha-PHENYL-alpha-HYDROXYACETATE see: OO8200000
3,5,5-TRIMETHYL-2-CYCLOHEXEN-1-ON (German, Dutch) see: GW7700000
1,1,3-TRIMETHYL-3-CYCLOHEXENE-5-ONE see: GW7700000
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE see: GW7700000
(E)-1-(2,6,6-TRIMETHYLCYCLOHEX-1-ENYL)-2-BUTEN-1-ONE see: EN0340000
4-(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)-3-BUTEN-2-ONE see: EN0350000
4-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-3-BUTEN-2-ONE see: EN0525000
1-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-1,6-HEPTADIEN-3-ONE see: MI5550000
TRIMETHYLCYCLOHEXYLAMINE see: GX1806000
TRIMETHYLCYCLOHEXYLAMINE (DOT) see: GX1806000
3,5,5-TRIMETHYLCYCLOHEXYL AMYGDALATE see: OO8200000
1-(1-(3,3,5-TRIMETHYLCYCLOHEXYL)-3-AZETIDINYL)GUANIDINE see: MF6740000
3,3,5-TRIMETHYLCYCLOHEXYL DIPROPYLENE GLYCOL see: JM1650000
3,3,5-TRIMETHYLCYCLOHEXYL MANDELATE see: OO8200000
cis-(+-)-1,2,2-TRIMETHYL-1,3-CYCLOPENTANEDICARBOXYLIC ACID 3-METHYL ESTER SODIUM SALT see: GY4212000
1,2,2-TRIMETHYL-1,3-CYCLOPENTANEDICARBOXYLIC ACID PHENYLPENTYL ESTER SODIUM SALT see: GY4213000
11,12,17-TRIMETHYL-15H-CYCLOPENTA(a)PHENANTHRENE see: GY5703000
3,8,13-TRIMETHYLCYCLOQUINAZOLINE see: YD3005000
3,7,9-TRIMETHYL-1,6-DECADIEN-3-OL see: HD3511000
TRIMETHYL-N,N,5 5H-DIBENZ(b,f)AZEPINE-10-ETHANAMINE (French) see: HO1128000
1,4,7-TRIMETHYLDIETHYLENETRIAMINE mixed with SODIUM NITRITE see: IE2180000
11,12,17-TRIMETHYL-16,17-DIHYDRO-15H-CYCLOPENTA(a)PHENANTHRENE see: GY5706000
2,2,4-TRIMETHYL-1,2-DIHYDROQUINOLINE see: VB4900000
TRIMETHYLDIHYDROQUINOLINE POLYMER see: TQ2625000
2,2,4-TRIMETHYL-1,2-DIHYDROQUINOLINE POLYMER see: TQ2625000
3,3,5-TRIMETHYL-2,4-DIKETOOXAZOLIDINE see: RQ2100000
1,3,7-TRIMETHYL-2,6-DIOXOPURINE see: EV6475000
2,2,4-TRIMETHYL-1,3-DITHIOLANE see: JP1183200
3,7,11-TRIMETHYL-2,4-DODECADIENOIC ACID 2-PROPYNYL ESTER see: JR1760000
3,7,11-TRIMETHYL-1,6,10-DODECATRIEN-3-YL ACETATE see: JR4980000
TRIMETHYLEENTRINITRAMINE (Dutch) see: XY9450000
TRIMETHYLENE see: GZ0690000

1,1'-TRIMETHYLENEBIS(3-CARBAMOYLPYRIDINIUM BROMIDE) HYDRATE see: UU7430000
TRIMETHYLENEBIS(CARBONYLIMINO)DIETHYLENEBIS(TRIMETHYLAMMONIUM IODIDE) see: BQ6906000
TRIMETHYLENEBIS(N-(2-CHLOROETHYL)GLYCINE) DIPICRATE see: MC1143000
TRIMETHYLENEBIS((3-(2-CHLORO-PHENOTHIAZIN-10-YL)PROPYL)DIMETHYLAMMONIUM BROMIDE) see: BT0732000
TRIMETHYLENEBIS(CHLORPROMAZINE AMMONIUM BROMIDE) see: BT0732000
1,1'-TRIMETHYLENEBIS(4-FORMYLPYRIDINIUM BROMIDE) DIOXIME see: UU7525000
1,1'-TRIMETHYLENEBIS(4-FORMYLPYRIDINIUM CHLORIDE) DIOXIME see: UU7700000
1,1'-TRIMETHYLENEBIS(4-FORMYLPYRIDINIUM) DIOXIME DICHLORIDE see: UU7700000
1,1'-TRIMETHYLENEBIS(4-(HYDROXYIMINOMETHYL)PYRIDINIUM CHLORIDE) see: UU7700000
1,1'-TRIMETHYLENEBIS(4,1-PIPERIDYLENEMETHYLENE)BIS(8-QUINOLINOL) see: VC8273300
N,N-TRIMETHYLENE BIS(PYRIDINIUM-4-ALDOXIME)DICHLORIDE see: UU7700000
1,1'-TRIMETHYLENEBIS(PYRIDINIUM BROMIDE) see: UU7450000
TRIMETHYLENE BROMIDE CHLORIDE see: TX4113000
TRIMETHYLENE CHLOROBROMIDE see: TX4113000
TRIMETHYLENE CHLOROHYDRIN see: UA8930000
TRIMETHYLENEDIAMINE see: TX6825000
4,4'-TRIMETHYLENEDIBENZOIC ACID BIS(2-DIETHYLAMINOETHYL) ESTER HYDROCHLORIDE see: DI0894500
4,4'-TRIMETHYLENEDIBENZOIC ACID BIS(2-DIMETHYLAMINOETHYL) ESTER HYDROCHLORIDE see: DI0894600
TRIMETHYLENE DIMETHANESULFONATE see: TY5400000
TRIMETHYLENE DIMETHANESULPHONATE see: TY5400000

YI3500000 1,3-TRIMETHYLENEDINITRILE

UPDT:8407 CAS: 544-13-8 MW: 94.13 MOLFM: C5-H6-N2
SYN: 1,3-DICYANOPROPANE * GLUTARIC ACID DINITRILE * GLUTARODINITRILE * GLUTARONITRILE (8CI) * PENTANEDINITRILE (9CI) * PYROTARTARIC ACID NITRILE

TOXICITY DATA AND REFERENCES:

scu-dog LDLo:50 mg/kg	AIPTAK 3,77,1897
scu-rbt LDLo:18 mg/kg	AIPTAK 3,77,1897
scu-pgn LDLo:1200 mg/kg	AIPTAK 3,77,1897
scu-frg LDLo:3000 mg/kg	AIPTAK 3,77,1897

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1,1'-(TRIMETHYLENEDIOXY)BIS(3-CHLORO-2-PROPANOL) see: UC0240000
TRIMETHYLENE GLYCOL DIPERCHLORATE (DOT) see: TY6320000
TRIMETHYLENE 6-7 METHYLAMINO 8 s.TRIAZOLO(4-3b)PYRIDAZINE (French) see: GY5946450
exo-TRIMETHYLENENORBORNANE see: PB9600000
exo-5,6-TRIMETHYLENENORBORNANE see: PB9600000
TRIMETHYLENE OXIDE see: RQ6825000
TRIMETHYLENETRINITRAMINE see: XY9450000
sym-TRIMETHYLENETRINITRAMINE see: XY9450000
TRIMETHYLENOXID (German) see: RQ6825000
O,O,O-TRIMETHYLESTER KYSELINY THIOFOSFORECNE (Czech) see: TG3850000
N,N,N-TRIMETHYLETHENAMINIUM HYDROXIDE see: BT3850000
2,2,4-TRIMETHYL-6-ETHOXY-1,2-DIHYDROQUINOLINE see: VB8225000
TRIMETHYLETHYLENE see: EM7650000
TRIMETHYLETHYLENE OXIDE see: EK3860000
2,5,9-TRIMETHYL-7H-FURO(3,2-g)(1)BENZOPYRAN-7-ONE see: LV1576000
TRIMETHYL GLYCOL see: TY2000000
N,N,N-TRIMETHYL-1-HEXADECANAMINIUM BROMIDE see: BQ7875000
TRIMETHYLHEXADECYLAMMONIUM BROMIDE see: BQ7875000
TRIMETHYLHEXAMETHYLENEDIAMINE see: MO1451200
TRIMETHYLHEXAMETHYLENE DIAMINE (DOT) see: MO1451200
TRIMETHYLHEXAMETHYLENE DIISOCYANATE (DOT) see: MO1760000
TRIMETHYLHEXAMETHYLENE ISOCYANATE see: MO1760000
3,5,5-TRIMETHYLHEXANAL see: MN7820000
TRIMETHYL-1,6-HEXANEDIAMINE see: MO1451200
3,5,5-TRIMETHYLHEXANOIC ACID ALLYL ESTER see: MO8444000
3,5,5-TRIMETHYLHEXYL ACETATE see: AK0840000
TRIMETHYLHYDRAZINE HYDROCHLORIDE see: MW0250000
1,1,1-TRIMETHYLHYDRAZINIUM IODIDE see: MW0349100
1,2,3-TRIMETHYL-4-HYDROXYINDOLE see: NM3227000
1,7,8-TRIMETHYL-1H-IMIDAZO(2,1-f)PURINE-2,4(3H,8H)-DIONE SODIUM SALT see: NJ5097500
1,2,8-TRIMETHYLIMIDAZO(1,2-f)XANTHINE SODIUM SALT see: NJ5097500
2,3,5-TRIMETHYLINDOLE see: NM1888000
2,3,6-TRIMETHYLINDOLE see: NM1889200
TRIMETHYL(4-METHYL-2-OXO-2H-1-BENZOPYRAN-7-YL)AMMONIUM IODIDE see: BR8085000
TRIMETHYL (1-METHYL-2-PHENOTHIAZIN-10-YLETHYL)AMMONIUM METHYL SULFATE see: SP0175000
TRIMETHYL(1-METHYL-2-(10-PHENOTHIAZINYL)ETHYL)AMMONIUM METHYL SULFATE see: SP0175000
N,alpha,alpha-TRIMETHYL-N-(2-((4-METHYLPHENYL)PHENYLMETHOXY)ETHYL)PHENETHYLAMINE HCl see: SI3827000
N,N,2-TRIMETHYL-4-(4'-(3'-METHYLPYRIDYL-1'-OXIDE)AZO)ANILINE see: TJ6300000
N,N,3-TRIMETHYL-4-(4'-(3'-METHYLPYRIDYL-1'-OXIDE)AZO)ANILINE see: TJ6475000
2',4',6'-TRIMETHYL-4-MORPHOLINEACETANILIDE see: QD6495200
TRIMETHYLMYRISTYLAMMONIUM BROMIDE see: BT2677000
1,3,3-TRIMETHYL-6'-NITROINDOLINE-2-SPIRO-2'-BENZOPYRAN see: WG9870000
O,O,O-TRIMETHYL O-(4-NITROPHENYL) THIODIPHOSPHATE see: TG2810000
TRIMETHYLNITROSOHARNSTOFF (German) see: YU4725000
N,2,2-TRIMETHYL-N-NITROSO-1-PROPYLAMINE see: UI5205000
N-TRIMETHYL-N-NITROSOUREA see: YU4725000
1,1,3-TRIMETHYL-3-NITROSOUREA see: YU4725000
TRIMETHYL NONANONE see: RA8310000
2,6,8-TRIMETHYLNONANOL-4 see: RA7950000
1,3,3-TRIMETHYL-2-NORBORNANONE see: RB7875000
d-1,3,3-TRIMETHYL-2-NORBORNANONE see: RB7875200
1,3,3-TRIMETHYL-2-NORBORNANYL ACETATE see: RB7660000
1,3,3-TRIMETHYL-2-NORCAMPHANONE see: RB7875000
d-1,3,3-TRIMETHYL-2-NORCAMPHANONE see: RB7875200
4,7,7-TRIMETHYL-3-NORCARENE see: FH8400000
2,6,6-TRIMETHYL NORPINANYL HYDROPEROXIDE (DOT) see: RC8860000
2,6,6-TRIMETHYL NORPINANYL HYDROPEROXIDE, technically pure (DOT) see: MX2625600
TRIMETHYLOLAMINOMETHANE see: TY2900000
TRIMETHYLOLETHANE BENZOATE see: TY4960000
TRIMETHYLOLPROPANE TRIACRYLATE see: AT4810000
TRIMETHYLOLPROPANE TRIMETHACRYLATE see: TY6675000
TRIMETHYLOLPROPANE TRIMETHANCRYLATE see: TY6675000
TRIMETHYLOXACYCLOPROPANE see: EK3860000
3,5,5-TRIMETHYL-2,4-OXAZOLIDINEDIONE see: RQ2100000
6,8,11-TRIMETHYL-2H,4H-OXAZOLO(5,4,3-ij)PYRIDO(3,2-g)QUINOLINE-4,10(11H)-DIONE see: RQ5836000
TRIMETHYLOXIRANE see: EK3860000
2,2,3-TRIMETHYLOXIRANE see: EK3860000
1,2,3-TRIMETHYL-4-OXO-4,5,6,7-TETRAHYDROINDOLE see: NM3356000
N,1,3-TRIMETHYLPENTANAMINE see: SC1400000
2,2,4-TRIMETHYLPENTANE see: SA3320000
2,4,4-TRIMETHYL PENTENE see: SB2717000
TRI(2-METHYL-2,4-PENTANEDIOL)BIBORATE see: SA1225000
2,2,4-TRIMETHYL-1,3-PENTANEDIOL ISOBUTYRATE (ester), mixed isomers see: SA1435000
6,6,9-TRIMETHYL-3-PENTYL-7,8,9,10-TETRAHYDRO-6H-DIBENZO(b,d)PYRAN-1-OL see: HP8225000
18,19,20-TRIMETHYL-PGE2 see: MJ9671800
N(sup 8),N(sup 8),3-TRIMETHYL-2,8-PHENAZINEDIAMINE MONOHYDROCHLORIDE see: SG1400000
N,alpha,alpha-TRIMETHYLPHENETHYLAMINE see: SI3675000
N,alpha,alpha-TRIMETHYL-beta-PHENETHYLAMINE see: SI3675000
(6-(3-(2,4,6-TRIMETHYLPHENYL)-D-ALANINE))-LHRH see: OK6747000
(6-(3-(2,4,6-TRIMETHYLPHENYL)-D-ALANINE))-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6747000
TRIMETHYLPHENYLAMMONIUM IODIDE see: BT2450000
2,3,5-TRIMETHYPHENYL CARBAMATE see: FD1891000
2,4,5-TRIMETHYLPHENYL CARBAMATE see: FD1892000
N-sym-TRIMETHYLPHENYLDIETHYLAMINOACETAMIDE see: AE2100000
N,N,N'-TRIMETHYL-N'-(3-PHENYL-1H-INDOL-1-YL)-1,2-ETHANEDIAMINE MONOHYDROCHLORIDE see: NL7440000
2-(3-(2,4,6-TRIMETHYLPHENYL)ISOXAZOL-4-YLCARBONYLOXY)-N,N,N-TRIMETHYLETHANAMINIUM BROMIDE see: FZ9878000
TRIMETHYLPHENYLMETHANE see: CY9120000
TRIMETHYLPHENYL METHYLCARBAMATE see: FC8225000
3,4,5-TRIMETHYLPHENYL METHYLCARBAMATE see: FC8575000
TRI 2-METHYLPHENYL PHOSPHATE see: TD0350000
1,2,5-TRIMETHYL-4-PHENYL-4-PIPERIDINOL, PROPIONATE (ester) see: TN8000000
1,2,5-TRIMETHYL-4-PHENYL-4-PROPIONOXYPIPERIDINE see: TN8000000
TRIMETHYL PHOSPHATE see: TC8225000
TRIMETHYLPHOSPHINE SELENIDE see: SZ2450000
TRIMETHYL PHOSPHITE see: TH1400000
TRIMETHYL PHOSPHITE (DOT) see: TH1400000
O,S,S-TRIMETHYLPHOSPHORODITHIOATE see: TE4780000
O,O,O-TRIMETHYL PHOSPHOROTHIOATE see: TG3850000
O,O,S-TRIMETHYLPHOSPHOROTHIOATE see: TG3880000
S,S,S-TRIMETHYL PHOSPHOROTRITHIOATE see: TG5510000
1,2,2-TRIMETHYLPROPYL METHYLPHOSPHONOFLUORIDATE see: TA8750000
18,19,20-TRIMETHYLPROSTAGLANDIN E2 see: MJ9671800
4,5',8-TRIMETHYLPSORALEN see: LV1576000
N,N,6-TRIMETHYL-2-PYRIDINETHIOACETAMIDE see: UR8530000
2,5,11-TRIMETHYL-6H-PYRIDO(4,3-b)CARBAZOL-9-OL see: UU8898000
TRIMETHYL(2-(2-PYRIDYL)ETHYL)AMMONIUM IODIDE see: BT2550000
2',4',6'-TRIMETHYL-1-PYRROLIDINEACETANILIDE see: UX9664000
TRIMETHYLSELENONIUM see: VT1740000
TRIMETHYLSELENONIUM CHLORIDE see: VT1750000
TRIMETHYLSELENONIUM ION see: VT1740000
N-(TRIMETHYLSILYL)ACETIMIDIC ACID, TRIMETHYLSILYL ESTER see: AK3000000
p-((TRIMETHYLSILYL)AMINO)BENZOIC ACID 2-(DIETHYLAMINO)ETHYL ESTER see: DI0905000
4-(TRIMETHYLSILYL)BUTANOL CARBAMATE see: EL6200000
4-(TRIMETHYLSILYL)BUTYL ESTER of CARBAMIC ACID see: EL6200000
2-(TRIMETHYLSILYL)ETHANOL CARBAMATE see: KM5482000
2-(TRIMETHYLSILYL)ETHYL ESTER of CARBAMIC ACID see: KM5482000
2-((2-(TRIMETHYLSILYL)ETHYL)THIO)ETHYLAMINE see: KS0320000
TRIMETHYLSILYLETHYLTHIOETHYLAMINE see: KS0320000
N-(TRIMETHYLSILYL)IMIDAZOL see: NI8700000
(TRIMETHYLSILYL)IMIDAZOLE see: NI8700000
N-(TRIMETHYLSILYL)-IMIDAZOLE see: NI8700000
1-(TRIMETHYLSILYL)IMIDAZOLE see: NI8700000
(TRIMETHYLSILYL)METHANOL CARBAMATE see: PC4110000
(TRIMETHYLSILYL)METHYL ESTER of CARBAMIC ACID see: PC4110000
3-(TRIMETHYLSILYL)-1-PROPANOL CARBAMATE see: UC0245000
3-(TRIMETHYLSILYL)PROPYL ESTER OF CARBAMIC ACID see: UC0245000
3-(TRIMETHYLSILYL)-1-VINYL-2-PYRROLIDINONE see: UY6102000
TRIMETHYLSTANNYL CHLORIDE see: WH6850000
TRIMETHYLSTANNYL IODINE see: WH8581000
N,N,3'-TRIMETHYL-4-STILBENAMINE see: WJ4725000
N,N,4'-TRIMETHYL-4-STILBENAMINE see: WJ4900000
TRIMETHYLSTIBINE see: WJ1225000
N,N,N-TRIMETHYL-1-TETRADECANAMINIUM BROMIDE see: BT2677000
(E,E,E)-5,9,13-TRIMETHYL-4,8,12-TETRADECATRIENOIC ACID 3,7-DIMETHYL-2,6-OCTADIENYL ESTER see: XB8890000
TRIMETHYLTETRADECYLAMMONIUM BROMIDE see: BT2677000
TRIMETHYLTHIOFOSFAT (Czech) see: TG3850000
TRIMETHYLTHIONINE CHLORIDE see: SO5550000
TRIMETHYLTHIOPHOSPHATE see: TG3850000
O,O,O-TRIMETHYL THIOPHOSPHATE see TG3850000
N,N,6-TRIMETHYLTHIO-2-PYRIDINEACETAMIDE see: UR8530000
TRIMETHYLTHIOUREA see: YU4900000
N,N,N'-TRIMETHYLTHIOUREA see: YU4900000
1,1,3-TRIMETHYL-2-THIOUREA see: YU4900000
TRIMETHYLTIN ACETATE see: WH6475000
TRIMETHYLTIN CHLORIDE see: WH6850000
TRIMETHYLTIN CYANATE see: WH6872000
TRIMETHYL TIN HYDROXIDE see: WH8400000
TRIMETHYLTIN IODIDE see: WH8581000
TRIMETHYLTIN ISOTHIOCYANATE see: WH8583600
TRIMETHYLTIN SULPHATE see: XQ7225000
TRIMETHYLTIN THIOCYANATE see: WH8637000
5,7,8-TRIMETHYLTOCOL see: DJ2900000
alpha,alpha,alpha'-TRIMETHYLTRIMETHYLENE GLYCOL see: SA0810000
1,3,5-TRIMETHYL-2,4,6-TRINITROBENZENE (DOT) see: OX7055000
2,4,6-TRIMETHYL-1,3,5-TRIOXAAN (Dutch) see: YK0525000
2,4,6-TRIMETHYL-s-TRIOXANE see: YK0525000
2,4,6-TRIMETHYL-1,3,5-TRIOXANE see: YK0525000
s-TRIMETHYLTRIOXYMETHYLENE see: YK0525000
1,3,5-TRIMETHYL-2,4,6-TRIS(3,5-DI-tert-BUTYL-4-HYDROXYBENZYL)BENZENE see: DC3750000
1,1,1-TRIMETHYL-2-VANILLYLIDENEHYDRAZINIUM IODIDE see: MW0349300
TRIMETHYL VINYL AMMONIUM HYDROXIDE see: BT3850000
1,3,7-TRIMETHYLXANTHINE see: EV6475000
2-(TRIMETIL-ACETIL)-INDAN-1,3-DIONE (Italian) see: NK6300000
3,5,5-TRIMETIL-2-CICLOESEN-1-ONE (Italian) see: GW7700000
2,4,6-TRIMETIL-1,3,5-TRIOSSANO (Italian) see: YK0525000
TRIMETIN see: RQ2100000
TRIMETION see: TE1750000
TRIMETOGINE see: QF1050000
TRIMETON MALEATE see: UT0175000
TRIMETOPRIM-SULFA see: WP0700000
TRIMETOQUINOL see: NX0500000
l-TRIMETOQUINOL see: NX0500000
TRIMETOQUINOL HYDROCHLORIDE see: NX0500000
(+)-TRIMETOQUINOL HYDROCHLORIDE see: NX0500010
(+-)-TRIMETOQUINOL HYDROCHLORIDE see: NX0500020

BEST COPY

dl-TRIMETOQUINOL HYDROCHLORIDE see: NX0500020
R-(+)-TRIMETOQUINOL HYDROCHLORIDE see: NX0500010
TRIMETOSE see: UT0175000
TRIMETOZINA see: QF1050000
TRIMETOZINE see: QF1050000
TRIMFORTE see: UV8240000
TRIMIPRAMINE ACID MALEATE see: HN9260000
TRIMIPRAMINE MALEATE see: HN9260000
TRIMITAN see: YE2800000
TRIMOL see: UY0870000
TRIMON see: CC2850000
TRIMOPAN see: UV8225000
TRIMORFAMID see: LQ3500100
TRIMORFAMIDE see: LQ3500100
TRIMORPHAMID see: LQ3500100
3,5,7-TRIMORPHOLINOMETHYLTROPOLONE see: GU4605000 2,4,6-CYCLOHEPTATRIEN-1-ONE, 2-HYDROXY-3,5,7-TRIS(MORPHOLINOMETHYL)-
TRIMOSULFA see: UV8240000
TRIMPEX see: UV8225000
TRIMSTAT see: QE2450000
TRIMTABS see: QE2450000
TRIMUSTINE see: YE2800000
TRIMUSTINE HYDROCHLORIDE see: YE2800000
TRIMYSTEN see: NI4377000
TRINAGLE see: GL8800000

YJ4360700 TRINAPHTHYLENO(5,6-bcd)FURAN-3,7,13-TRISULFONIC ACID, 11,16-DIHYDRO-10,17-DIHYDROXY-11,16- DIOXO-, TRISODIUM SALT
UPDT:8404 MW: 760.56 MOLFM: C30-H11-Na3-O14-S3
SYN: SULFO-3-NAPHTHALENEFURANE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:15633 mg/kg	GTPZAB 26(8),53,82
*	ipr-rat LD50:105 mg/kg	GTPZAB 26(8),53,82
*	scu-rat LD50:551 mg/kg	GTPZAB 26(8),53,82
*	orl-mus LD50:10200 mg/kg	GTPZAB 26(8),53,82
*	ipr-mus LD50:46500 ug/kg	GTPZAB 26(8),53,82
*	scu-mus LD50:220 mg/kg	GTPZAB 26(8),53,82

TRINATRIUMPHOSPHAT (German) see: TC9490000
TRINEX see: TA0700000
TRINITRIN see: QX2100000
TRINITROACETIC ACID (DOT) see: AK0845000
TRINITROACETONITRILE (DOT) see: AM2550000
TRINITROAMINE COBALT (DOT) see: GG3430000
TRINITROANILINE see: BZ1060000
TRINITRO-ANILINE (DOT) see: BZ1060000
TRINITROANISOLE (DOT) see: BZ9655000
TRINITROBENZEEN (Dutch) see: DC3850000
TRINITROBENZENE see: DC3850000
1,3,5-TRINITROBENZENE see: DC3850000
2,4,6-TRINITRO-1,3-BENZENEDIOL see: VH3540000
TRINITROBENZENE, DRY (DOT) see: DC3850000
TRINITROBENZENE, wet, containing at least 10% water (DOT) see: DC3860000
TRINITROBENZENE, wet, containing less than 30% water (DOT) see: DC3860000
TRINITROBENZENE, WET, at least 10% **WATER**, over 16 ozs. in one outside packaging (DOT) see: DC3860000
TRINITROBENZENE, wetted with not less than 30% water (DOT) see: DC3860000
2,4,6-TRINITROBENZENESULFONIC ACID see: DB8400000
TRINITROBENZENESULFONIC ACID (DOT) see: DB8400000
TRINITROBENZOIC ACID, DRY (DOT) see: DI0920000
TRINITROBENZOIC ACID, wet, containing at least 10% water (DOT) see: DI0940000
TRINITROBENZOIC ACID, wet, containing less than 30% water (DOT) see: DI0940000
TRINITROBENZOL (German) see: DC3850000
TRINITROCHLOROBENZENE see: CZ1225800
TRINITROCHLOROBENZENE (DOT) see: CZ1225800
TRINITRO-meta-CRESOL see: GP3675000
TRINITRO-m-CRESOLIC ACID see: GP3675000
TRINITROCYCLOTRIMETHYLENE TRIAMINE see: XY9450000
2,4,6-TRINITRO-1,3-DIAZIDOBENZENE (DOT) see: CZ1620000
2,4,6-TRINITRO-1,3-DIMETHYL-5-tert-BUTYLBENZENE see: CZ7210000
2,2,2-TRINITROETHANOL see: KM5490000
TRINITROETHYLNITRATE (DOT) see: KM5491000
2,4,6-TRINITROFENOL (Dutch) see: TJ7875000
2,4,6-TRINITROFENOLO (Italian) see: TJ7875000
2,4,7-TRINITRO-9-FLUORENONE see: LL9100000
2,4,7-TRINITROFLUOREN-9-ONE see: LL9100000
TRINITROFLUORENONE (DOT) see: LL9097000
TRINITROGLYCERIN see: QX2100000
TRINITROGLYCEROL see: QX2100000
TRINITROMETACRESOL (DOT) see: GP3675000
TRINITROMETHANE see: PB7200000
TRINITRONAPHTHALENE (DOT) see: QK4050000
1,3,5-TRINITRONAPHTHALENE (DOT) see: QK4070000
TRINITROPHENETOLE (DOT) see: SI7980000
1,3,5-TRINITROPHENOL see: TJ7875000
2,4,6-TRINITROPHENOL see: TJ7875000
2,4,6-TRINITROPHENOL AMMONIUM SALT see: BS3855000
2,4,6-TRINITROPHENOL compd. with **1,2-DIHYDRO-3-METHYLBENZ(j)ACEANTHRYLENE** see: CU0950000
1-(2,4,6-TRINITROPHENYL)AZIRIDINE see: CM8934000
2,4,6-TRINITROPHENYLETHYLENEIMINE see: CM8934000
2,4,6-TRINITROPHENYLGUANIDINE, dry (DOT) see: MF6750000
TRINITROPHENYLMETHYLNITRAMINE see: BY6300000
2,4,6-TRINITROPHENYLMETHYLNITRAMINE see: BY6300000
2,4,6-TRINITROPHENYL-N-METHYLNITRAMINE see: BY6300000
TRINITROPHENYLMETHYLNITRAMINE (DOT) see: BY6300000
2,4,6-TRINITROPHENYLNITRAMINE (DOT) see: BY9274000
2,4,6-TRINITROPHENYL SULFIDE see: TJ9900000
2,4,6-TRINITROPHENYL TRIMETHYLOL METHYL NITRAMINE TRINITRATE (DOT) see: TY7752000
1,3,6-TRINITROPYRENE see: UR2560000
TRINITRORESORCINOL (DOT) see: VH3540000
2,4,6-TRINITRORESORCINOL see: VH3540000
TRINITRORESORCINOL, DRY or containing not less than 20% water (DOT) see: VH3540000
2,4,6-TRINITROSO-3-METHYLNITRAMINOANISOLE (DOT) see: XU7886000
1,3,5-TRINITROSO-1,3,5-TRIAZACYCLOHEXANE see: XY9470000
TRINITROSOTRIMETHYLENTRIAMIN (German) see: XY9470000
TRINITROSOTRIMETHYLENETRIAMINE see: XY9470000
2,4,6-TRINITROTOLUEEN (Dutch) see: XU0175000
TRINITROTOLUENE see: XU0175000
TRINITROTOLUENE see: XU0180000
s-TRINITROTOLUENE see: XU0175000
sym-TRINITROTOLUENE see: XU0175000
sym-TRINITROTOLUENE see: XU0180000
TRINITROTOLUENE, wet containing at least 10% water, over 16 ozs. in one outside packaging see: XU0180000
2,3,6-TRINITROTOLUENE see: XU0172000
2,4,5-TRINITROTOLUENE see: XU0174000
2,4,6-TRINITROTOLUENE see: XU0175000
2,4,6-TRINITROTOLUENE see: XU0180000
3,4,5-TRINITROTOLUENE see: XU0183000
2,4,6-TRINITROTOLUENE, complex with **ARQUAD** see: CF6778500
TRINITROTOLUENE, DRY or containing, by weight, less than 30% water (DOT) see: XU0175000
2,4,6-TRINITROTOLUENE complex with **DUOMEEN** see: JV2695000
2,4,6-TRINITROTOLUENE complex with **DUOQUAD T 50** see: JV2870000
2,4,6-TRINITROTOLUENE mixed with **HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE** see: XU0183500
TRINITROTOLUENE mixed with **HEXANITROSTILBENE** (DOT) see: XU0184000
TRINITROTOLUENE mixed with **TRINITROBENZENE** (DOT) see: XU0184500
TRINITROTOLUENE mixed with **TRINITROBENZENE** and **HEXANITROSTILBENE** (DOT) see: XU0184600
TRINITROTOLUENE, WET CONTAINING AT LEAST 10% WATER (DOT) see: XU0180000
TRINITROTOLUENE, WETTED with not less than 30% water (DOT) see: XU0180000
s-TRINITROTOLUOL see: XU0175000
sym-TRINITROTOLUOL see: XU0175000
sym-TRINITROTOLUOL see: XU0180000
2,4,6-TRINITROTOLUOL (German) see: XU0175000
1,3,5-TRINITRO-1,3,5-TRIAZACYCLOHEXANE see: XY9450000
TRINITROTRIAZIDOBENZENE see: DC1955000
s-TRINITROTRIAZIDOBENZENE see: DC1955000
TRI-(beta-NITROXYETHYL)AMMONIUM NITRATE see: KL9355000
TRINOXOL see: AJ8400000
TRINOXOL see: AG6825000
TRINOXOL see: AJ8420000

YJ7700000 TRIOCTANOIN
UPDT:8305 CAS: 538-23-8 MW: 470.77 MOLFM: C27-H50-O6
SYN: CAPRYLIC ACID TRIGLYCERIDE * GLYCEROL TRICAPRYLATE * GLYCEROL TRIOCTANOATE * GLYCERYL TRIOCTANOATE * MCT * OCTANOIC ACID, 1,2,3-PROPANETRIYL ESTER * OCTANOIC ACID TRIGLYCERIDE * OCTANOIN, TRI- (8CI) * RATO * TRICAPRYLIC GLYCERIDE * TRICAPRYLIN * TRIOCTANOYLGLYCEROL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T76T81	orl-rat TDLo:250 gm/kg (7D pre-21D post)	IYKEDH 3,180,72
1T02	orl-rat TDLo:62 gm/kg (31D male)	OYYAA2 4,871,70

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:33300 mg/kg	OYYAA2 4,871,70
	ipr-rat LD50:50 mg/kg	NCIUS* PH 43-64-886,SEPT,65
*	orl-mus LD50:29600 mg/kg	OYYAA2 4,871,70
1F23	ivn-mus LD50:3700 mg/kg	APSCAX 40,338,57
	ipr-rbt LDLo:3400 mg/kg	JNCIAM 54,1439,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TRIOCTANOYLGLYCEROL see: YJ7700000
TRI-n-OCTYLAMINE see: RG8225000
TRIOCTYL(BUTYLTHIO)STANNANE see: WH6770200
TRIOCTYL(ETHYLTHIO)STANNANE see: WH8260000
TRIOCTYLMETHYLAMMONIUM CHLORIDE see: BR8575000
TRIOCTYL PHOSPHATE see: MP0770000
TRIODURIN see: KG8225000
TRIOL see: KX4550000
TRIOL 124 see: EK7176000
TRIOMBRIN see: DG6125000
TRIOMBRINE see: DG6125000
TRIONAL see: EJ5250000
TRIOPAC see: DG0888000
TRIOPAC 200 see: DG0888000
TRIOPAS see: DG0888000
TRIORTHOCRESYL PHOSPHATE see: TD0350000
TRIOSTAM see: CC7900000
TRIOSTIB see: CC7900000
TRIOTHYRONE see: AY6750000
TRIOVEX see: KG8225000

YJ8960000 2,6,7-TRIOXA-1-ARSABICYCLO(2.2.2)OCTANE, 4-ETHYL-
UPDT:7901 CAS: 67590-56-1 MW: 206.09 MOLFM: C6-H11-As-O3
SYN: 4-ETHYL-2,6,7-TRIOXA-1-ARSABICYCLO(2.2.2)OCTANE

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:31 mg/kg	EJMCA5 13,207,78

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 500 ug(As)/m3	FEREAC 39,23540,74

YJ8965000 2,6,7-TRIOXA-1-ARSABICYCLO(2.2.2)OCTANE, 4-ISOPROPYL-
UPDT:7901 CAS: 67590-57-2 MW: 220.12 MOLFM: C7-H13-As-O3
SYN: 4-ISOPROPYL-2,6,7-TRIOXA-1-ARSABICYCLO(2.2.2)OCTANE

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:35 mg/kg	EJMCA5 13,207,78

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 500 ug(As)/m3	FEREAC 39,23540,74

YJ8968000 2,6,7-TRIOXA-1-ARSABICYCLO(2.2.2)OCTANE, 4-METHYL-
UPDT:7901 CAS: 22223-55-8 MW: 192.06 MOLFM: C5-H9-As-O3
SYN: 4-METHYL-2,6,7-TRIOXA-1-ARSABICYCLO(2.2.2)OCTANE

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:24 mg/kg	EJMCA5 13,207,78

STANDARDS & REGULATIONS:

★	OSHA STANDARD-air:TWA 500 ug(As)/m3	FEREAC 39,23540,74

YJ8970000 2,8,9-TRIOXA-5-AZA-GERMABICYCLO(3.3.3)UNDECANE, 1-(2-THIENYL)-
UPDT:8405 CAS: 72517-64-7 MW: 301.91 MOLFM: C10-H15-Ge-N-O3-S
SYN: 1-(2-THIENYL)GERMATRANE * 1-(2-THIENYL)-2,8,9-TRIOXA-5-AZA-GERMABICYCLO(3.3.3)UNDECANE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:16500 ug/kg	KHFZAN 13(10),52,79

YJ9005000 2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE, 1-(p-CHLOROPHENOXY)-
UPDT:8406 CAS: 13644-11-6 MW: 285.83 MOLFM: C12-H16-Cl-N-O3-Si
SYN: p-CHLOROPHENOXYSILATRANE * 1-(p-CHLOROPHENOXY)-2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE

TOXICITY DATA AND REFERENCES:

3F12F17F19	ipr-mus LD50:220 ug/kg	TXAPA9 36,261,76

YJ9030500 2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE, 1-(CHLOROMETHYL)
UPDT:8401 CAS: 42003-39-4 MW: 223.76 MOLFM: C7-H14-Cl-N-O3-Si
SYN: 1-(CHLOROMETHYL)SILATRANE * 1-(CHLOROMETHYL)-2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE * MIVAL * SILIMIN

TOXICITY DATA AND REFERENCES:

*	ipr-rbt LD50:3000 mg/kg	GWXXBX #2530255

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YJ9030600 2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE, 1-(2-(DI-2-FURANYLMETHYLSILYL)ETHYL)-
UPDT:8405 CAS: 63386-69-8 MW: 379.61 MOLFM: C17-H25-N-O5-Si2
SYN: 1-(2-(DI-2-FURANYLMETHYLSILYL)ETHYL)-2,8,9-TRIOXA-5-AZA-SILABICYCLO(3.3.3)UNDECANE * 1-(2-(DI-2-FURYLMETHYLSILYL)ETHYL)SILATRANE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2450 mg/kg KHFZAN 13(10),52,79

YJ9030700 2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE, 1-(2-(DIMETHYL-2-THIENYLSILYL)ETHYL)-
UPDT:8405 MW: 343.64 MOLFM: C14-H25-N-O3-S-Si2
SYN: 1-(2-(DIMETHYL-2-THIENYLSILYL)ETHYL)SILATRANE * 1-(2-(DIMETHYL-2-THIENYLSILYL)ETHYL)-2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1650 mg/kg KHFZAN 13(10),52,79

YJ9030800 2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE, 1-(2-FURANYL)-
UPDT:8405 CAS: 68011-86-9 MW: 241.35 MOLFM: C10-H15-N-O4-Si
SYN: 1-(2-FURANYL)-2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE * 1-(2-FURYL)SILATRANE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg KHFZAN 13(10),52,79

YJ9030850 2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE, 1-(3-FURANYL)-
UPDT:8405 CAS: 68011-87-0 MW: 241.35 MOLFM: C10-H15-N-O4-Si
SYN: 1-(3-FURANYL)-2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE * 1-(3-FURYL)SILATRANE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:14500 ug/kg KHFZAN 13(10),52,79

YJ9030900 2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE, 1-(2-(2-FURANYLDIMETHYLSILYL)ETHYL)-,
UPDT:8407 CAS: 63166-69-9 MW: 327.58 MOLFM: C14-H25-N-O4-Si2
SYN: 1-(2-(2-FURANYLDIMETHYLSILYL)ETHYL)-2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE * 1-(2-(2-FURYLDIMETHYLSILYL)ETHYLSILATRANE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:700 mg/kg KHFZAN 13(10),52,79

YJ9030950 2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE, 1-(2-(2-FURANYL)ETHYL)-
UPDT:8405 CAS: 72517-62-5 MW: 255.40 MOLFM: C12-H19-O4-Si
SYN: 1-(2-(2-FURANYL)ETHYL)-2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE * (beta-(2-FURYL)ETHYL)SILATRANE * 1-(2-(2-FURYL)ETHYL)SILATRANE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:235 mg/kg KHFZAN 13(10),52,79

YJ9036000 2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE, 1-(2-(METHYLDI-2-THIENYLSILYL)ETHYL)-
UPDT:8405 CAS: 78666-19-8 MW: 411.73 MOLFM: C17-H25-N-O3-S2-Si2
SYN: 1-(2-(METHYLDI-2-THIENYLSILYL)ETHYL)SILATRANE * 1-(2-(METHYLDI-2-THIENYLSILYL)ETHYL)-2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3900 mg/kg KHFZAN 13(10),52,79

YJ9037000 2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE, 1-(5-METHYL-2-FURANYL)-
UPDT:8405 CAS: 72517-61-4 MW: 255.38 MOLFM: C11-H17-N-O4-Si
SYN: 1-(5-METHYL-2-FURANYL)-2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE * 1-(5-METHYL-2-FURYL)SILATRANE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2100 mg/kg KHFZAN 13(10),52,79

YJ9200000 2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE, 1-(2-THIENYL)-
UPDT:8405 CAS: 41422-87-1 MW: 257.41 MOLFM: C10-H15-N-O3-S-Si
SYN: 1-(2-THIENYL)SILATRANE * 1-(2-THIENYL)-2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE
TOXICITY DATA AND REFERENCES:
3F12F11Y54 ipr-rat LD50:600 ug/kg APTSAI 41(4),42,77
* ipr-mus LD50:300 ug/kg KHFZAN 13(10),52,79

YJ9200500 2,8,9-TRIOXO-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE, 1-(3-THIENYL)-
UPDT:8405 CAS: 68011-88-1 MW: 257.41 MOLFM: C10-H15-N-O3-S-Si
SYN: 1-(3-THIENYL)SILATRANE * 1-(3-THIENYL)-2,8,9-TRIOXO-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1800 ug/kg KHFZAN 13(10),52,79

YJ9220000 2,8,9-TRIOXA-5-AZA-1-SILABICYCLO(3.3.3)UNDECANE, 1,1'-(2,5-THIOPHENEDIYLBIS ((DIMETHYLSILYLENE)-2,1-ETHANEDIYL))BIS-
UPDT:8405 CAS: 72517-67-0 MW: 603.14 MOLFM: C24-H46-N2-O6-S-Si4
SYN: 1,1'-(2,5-THIOPHENEDIYLBIS(DIMETHYLSILYLENE))SILATRANE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3300 mg/kg KHFZAN 13(10),52,79

YJ9266000 2,6,7-TRIOXABICYCLO(2.2.2)OCTANE, 4-BROMOMETHYL-1-METHYL-
UPDT:8401 CAS: 60028-14-0 MW: 223.09 MOLFM: C7-H11-Br-O3
SYN: 4-BROMOMETHYL-1-METHYL-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE
TOXICITY DATA AND REFERENCES:
3F12F17F19 ipr-mus LD50:390 mg/kg TXAPA9 36,261,76

YJ9267000 2,6,7-TRIOXABICYCLO(2.2.2)OCTANE, 4-BUTYL-
UPDT:8401 CAS: 60028-09-3 MW: 172.25 MOLFM: C9-H16-O3
SYN: 4-BUTYL-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE
TOXICITY DATA AND REFERENCES:
3F12F17F19 ipr-mus LD50:220 mg/kg TXAPA9 36,261,76

YJ9268000 2,6,7-TRIOXABICYCLO(2.2.2)OCTANE, 1-BUTYL-4-ETHYL-
UPDT:8401 CAS: 60028-23-1 MW: 200.31 MOLFM: C11-H20-O3
SYN: 1-BUTYL-4-ETHYL-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE
TOXICITY DATA AND REFERENCES:
3F12F17F19 ipr-mus LD50:22 mg/kg TXAPA9 36,261,76

YJ9269000 2,6,7-TRIOXABICYCLO(2.2.2)OCTANE, 1-BUTYL-4-METHYL-
UPDT:8401 CAS: 60028-22-0 MW: 186.28 MOLFM: C10-H18-O3
SYN: 1-BUTYL-4-METHYL-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE
TOXICITY DATA AND REFERENCES:
3F12F17F19 ipr-mus LD50:295 mg/kg TXAPA9 36,261,76

YJ9269400 2,6,7-TRIOXABICYCLO(2.2.2)OCTANE, 4-BUTYL-1-METHYL-
UPDT:8401 CAS: 60028-12-8 MW: 186.28 MOLFM: C10-H18-O3
SYN: 4-BUTYL-1-METHYL-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE
TOXICITY DATA AND REFERENCES:
3F12F17F19 ipr-mus LD50:250 mg/kg TXAPA9 36,261,76

YJ9270295 2,6,7-TRIOXABICYCLO(2.2.2)OCTANE, 1-CHLOROMETHYL-4-METHYL-
UPDT:8401 CAS: 60028-24-2 MW: 178.63 MOLFM: C7-H11-Cl-O3
SYN: 1-CHLOROMETHYL-4-METHYL-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE
TOXICITY DATA AND REFERENCES:
3F12F17F19 ipr-mus LD50:525 mg/kg TXAPA9 36,261,76

YJ9270305 2,6,7-TRIOXABICYCLO(2.2.2)OCTANE, 1,4-DIETHYL-
UPDT:8401 CAS: 4177-72-4 MW: 172.25 MOLFM: C9-H16-O3
SYN: 1,4-DIETHYL-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE
TOXICITY DATA AND REFERENCES:
3F12F17F19 ipr-mus LD50:500 mg/kg TXAPA9 36,261,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YJ9270307 2,6,7-TRIOXABICYCLO(2.2.2)OCTANE, 1,4-DIPROPYL-
UPDT:8401 CAS: 60028-17-3 MW: 200.31 MOLFM: C11-H20-O3
SYN: 1,4-DIPROPYL-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE
TOXICITY DATA AND REFERENCES:
3F12F17F19 ipr-mus LD50:29 mg/kg TXAPA9 36,261,76

YJ9280000 2,6,7-TRIOXABICYCLO(2.2.2)OCTANE, 4-ETHYL-1-PROPYL-
UPDT:8401 CAS: 60028-16-2 MW: 186.28 MOLFM: C10-H18-O3
SYN: 4-ETHYL-1-PROPYL-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE
TOXICITY DATA AND REFERENCES:
3F12F17F19 ipr-mus LD50:420 mg/kg TXAPA9 36,261,76

YJ9300090 2,6,7-TRIOXABICYCLO(2.2.2)OCTANE, 1-METHYL-4-PROPYL-
UPDT:8401 CAS: 60028-10-6 MW: 172.25 MOLFM: C9-H16-O3
SYN: 1-METHYL-4-PROPYL-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE
TOXICITY DATA AND REFERENCES:
3F12F17F19 ipr-mus LD50:85 mg/kg TXAPA9 36,261,76

YJ9380000 2,6,7-TRIOXABICYCLO(2.2.2)OCTANE, 4-PROPYL-
UPDT:8401 CAS: 60028-07-1 MW: 158.22 MOLFM: C8-H14-O3
SYN: 4-PROPYL-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE
TOXICITY DATA AND REFERENCES:
3F12F17F19 ipr-mus LD50:23 mg/kg TXAPA9 36,261,76

YJ9410000 TRIOXACARCIN A
UPDT:8306 MW: 876.94 MOLFM: C42-H52-O20
SYN: DC-45-A
TOXICITY DATA AND REFERENCES:
* ipr-mam LD50:1 mg/kg JANTAJ 35,82-180,82

YJ9411000 TRIOXACARCIN B
UPDT:8306 MW: 894.96 MOLFM: C42-H54-O21
SYN: DC-45-B1
TOXICITY DATA AND REFERENCES:
* ipr-mam LD50:100 mg/kg JANTAJ 35,82-180,82

YJ9411100 TRIOXACARCIN C
UPDT:8306 MW: 878.96 MOLFM: C42-H54-O20
SYN: DC-45-B2
TOXICITY DATA AND REFERENCES:
* ipr-mam LD50:2 mg/kg JANTAJ 35,82-180,82

YK0510000 s-TRIOXANE, 2,4,6-TRIISOPROPYL-
UPDT:8406 CAS: 7580-12-3 MW: 216.36 MOLFM: C12-H24-O3
SYN: SUNSUBLY B * TRIISOPROPYL-s-TRIOXANE * 2,4,6-TRIISOPROPYLTRIOXANE * 2,4,6-TRIISOPROPYL-1,3,5-TRIOXANE * 1,3,5-TRIOXANE, 2,4,6-TRIS(1-METHYLETHYL)- (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 ihl-rat TCLo:81 ppm/6H (13W male) OYYAA2 14,391,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YK0525000 s-TRIOXANE, 2,4,6-TRIMETHYL-
UPDT:8406 CAS: 123-63-7 MW: 132.18 MOLFM: C6-H12-O3
SYN: ACETALDEHYDE, TRIMER * ELALDEHYDE * PARAACETALDEHYDE * PARACETALDEHYDE * PARAL * PARALDEHYD (German) * PARALDEHYDE * PARALDEHYDE (DOT) * PARALDEIDE (Italian) * PCHO * RCRA WASTE NUMBER U182 * TRIACETALDEHYDE (French) * 2,4,6-TRIMETHYL-1,3,5-TRIOXAAN (Dutch) * 2,4,6-TRIMETHYL-s-TRIOXANE * 2,4,6-TRIMETHYL-1,3,5-TRIOXANE * s-TRIMETHYLTRIOXYMETHYLENE * 2,4,6-TRIMETIL-1,3,5-TRIOSSANO (Italian) * UN 1264 (DOT)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 3/24/70
eye-rbt 5 mg SEV UCDS** 3/24/70
MUTATION DATA AND REFERENCES:
cyt-smc 50 mmol/tube HEREAY 33,457,47
TOXICITY DATA AND REFERENCES:
unk-man LDLo:1462 mg/kg 85DCAI 2,73,70
orl-rat LD50:1530 mg/kg UCDS** 3/24/70
ihl-rat LCLo:2000 ppm/4H UCDS** 3/24/70
ipr-rat LDLo:2100 mg/kg TXAPA9 1,156,59
scu-rat LDLo:1650 mg/kg AEPPAE 182,348,36
orl-cat LDLo:3300 mg/kg HBAMAK 4,1289,35
orl-rbt LD50:3304 mg/kg PSEBAA 29,730,32
skn-rbt LD50:14 gm/kg UCDS** 3/24/70
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLCHAU 19,361,73; FNSCA6 2,67,73
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

s-TRIOXANE, 2,4,6-TRIS(CHLOROMETHYL)- (8CI) see: AB2660000
1,3,5-TRIOXANE, 2,4,6-TRIS(CHLOROMETHYL)- (9CI) see: AB2660000
1,3,5-TRIOXANE, 2,4,6-TRIS(1-METHYLETHYL)- (9CI) see: YK0510000
TRIOXANONA see: YU0875000
5,8,11-TRIOXAPENTADECANE see: KN0350000

YK0711700 2,6,7-TRIOXA-1-PHOSPHABICYCLO(2.2.2)OCTANE, 4-METHYL-, 1-OXIDE
UPDT:8303 CAS: 1449-89-4 MW: 164.11 MOLFM: C5-H9-O4-P
SYN: METHYLBICYCLOPHOSPHATE * 4-METHYL-1-OXO-1-PHOSPHA-2,6,7-TRIOXABICYCLO(2.2.2)OCTANE
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:35 ug/kg TXAPA9 46,411,78
* ipr-mus LD50:35 ug/kg TXAPA9 46,411,78

2,6,7-TRIOXA-1-PHOSPHABICYCLO(2.2.2)OCTAN-1-ONE, 4-(tert-BUTYL)- see: TY3700000
2,6,7-TRIOXA-1-STIBABICYCLO(2.2.2)OCTANE, 4-PROPYL- see: TY7640000
3,6,9-TRIOXAUNDECANE see: KN3160000
3,6,9-TRIOXAUNDECANE, 2-(3,4-(METHYLENEDIOXY)PHENOXY)- see: AB2831000
TRIOXAZIN see: QF1050000
TRIOXAZINE see: QF1050000
TRIOXIDE(S) see: XR2275000
TRIOXIFENE MESYLATE see: OB1832000
TRIOXON see: AJ8400000
TRIOXONE see: AJ8400000
TRIOXONE see: AJ8485000
(2,4,6-TRIOXO-s-TRIAZINETRIYLTRIS(TRIBUTYLSTANNANE) see: WH8880000
TRIOXYMETHYLENE see: RV0540000
TRIOZANONA see: RQ2100000
TRIPAN BLUE see: QJ6475000
TRIPARANOL see: KK2400000
TRI-PCNB see: DA6650000
TRI-PE see: LQ8050000
TRIPELENNAMINA (Italian) see: US2800000
TRIPELENAMINE see: US2800000
TRIPELENAMINE HYDROCHLORIDE see: US3150000
TRIPELENNAMINE see: US2800000
TRIPELENNAMINE HYDROCHLORIDE see: US3150000
TRIPELENNAMINE MONOHYDROCHLORIDE see: US3150000
TRI-PENAR see: JR6610000
TRI-n-PENTYLTIN BROMIDE see: WH6750000
TRIPERIDOL see: EU3500000
TRIPERIDOL see: EU3550000
TRIPERIDOL HYDROCHLORIDE see: EU3550000
TRIPERVAN see: YY8575000
TRIPHACYCLIN see: QI9100000
TRIPHEDINON see: TN2625000
TRIPHENATOL see: CQ6825000
TRIPHENIDYL see: TN2625000
m-TRIPHENYL see: WZ6470000

p-TRIPHENYL see: WZ6475000
TRIPHENYLACETO STANNANE see: WH6650000
TRIPHENYLACRYLONITRILE see: AT7100000
alpha,beta,beta-TRIPHENYLACRYLONITRILE see: AT7100000
2,3,3-TRIPHENYLACRYLONITRILE see: AT7100000

YK2680000 TRIPHENYLAMINE
UPDT:8201 CAS: 603-34-9 MW: 245.34 MOLFM: C18-H15-N
SYN: BENZENAMINE, N,N-DIPHENYL- (9CI) * N,N-DIPHENYLANILINE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3200 mg/kg DTLVS* 4,419,80
* orl-mus LD50:1600 mg/kg DTLVS* 4,419,80
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg/m3 DTLVS* 4,419,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
TRIPHENYLANTIMONY see: WJ1400000
TRIPHENYLANTIMONY DICHLORIDE see: CC5095000
TRIPHENYLANTIMONY OXIDE see: WJ0900000
TRIPHENYL ANTIMONY SULFIDE see: WJ0950000
TRIPHENYLBENZENE see: WZ6530000
1,3,5-TRIPHENYLBENZENE see: WZ6530000
TRIPHENYLCHLOROSTANNANE see: WH6860000
TRIPHENYLCHLOROTIN see: WH6860000
TRIPHENYLCYANOETHYLENE see: AT7100000
1,2,4-TRIPHENYL-3,5-DIOXOPYRAZOLIDINE see: UQ8668000

YK2925000 TRIPHENYLENE
UPDT:8404 CAS: 217-59-4 MW: 228.30 MOLFM: C18-H12
SYN: BENZO(I)PHENANTHRENE * 9,10-BENZOPHENANTHRENE * 9,10-BENZPHENANTHRENE * 1,2,3,4-DIBENZNAPHTHALENE * ISOCHRYSENE
MUTATION DATA AND REFERENCES:
mmo-sat 1 nmol/L CNREA8 40,1985,80
mma-sat 100 mg/L/72H FCTXAV 17,141,79
msc-hmn:lym 20 umol/L DTESD7 10,277,82
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 32,447,83
TRIPHENYLETHYLENE see: KX4920000
1,1,2-TRIPHENYLETHYLENE see: KX4920000
4-(TRIPHENYLMETHYL)MORPHOLINE see: QF2275000
1,2,4-TRIPHENYL-3-OXO-5-THIONPYRAZOLIDINE see: UQ8800000
TRIPHENYL PHOSPHATE see: TC8400000
TRIPHENYLPHOSPHINE see: SZ3500000
TRIPHENYL PHOSPHITE see: TH1575000
1,3,4-TRIPHENYL-1H-PYRAZOLE-5-ACETIC ACID see: UQ4929000
1,2,4-TRIPHENYL-3,5-PYRAZOLIDINEDIONE see: UQ8668000
2,4,6-TRIPHENYLPYRYLIUM FLUOROBORATE see: UZ1370000
2,4,6-TRIPHENYLPYRYLIUM TETRAFLUOROBORATE see: UZ1370000
TRIPHENYLSTANNANE SULFATE (2:1) see: XQ7380000
TRIPHENYLSTANNYL BENZOATE see: WH6710500
TRIPHENYL STIBINE see: WJ1400000
TRIPHENYLTIN p-ACETAMIDOBENZOATE see: WH5680000
TRIPHENYLTIN ACETATE see: WH6650000
TRIPHENYLTIN BENZOATE see: WH6710500
TRIPHENYLTIN CHLORIDE see: WH6860000
TRIPHENYLTIN CYANOACETATE see: WH6872500
TRIPHENYLTIN HYDROXIDE see: WH8575000
TRIPHENYLTIN IODIDE see: WH8582000
TRIPHENYLTIN LEVULINATE see: WH8596200
TRIPHENYLTIN METHANESULFONATE see: WH8585400
TRIPHENYLTIN OXIDE see: WH8575000
TRIPHENYLTIN PROPIOLATE see: WH6702000
TRIPHENYL TIN THIOCYANATE see: WH8900000
TRIPHENYL-1H-1,2,4-TRIAZOL-1-YLTIN see: WH8638000
TRIPHENYL-ZINNACETAT (German) see: WH6650000
TRIPHENYL-ZINNHYDROXID (German) see: WH8575000
TRIPHOSADEN see: AU7416000
TRIPHOSPHADEN see: AU7416000
TRIPHOSPHORIC ACID ADENOSINE ESTER see: AU7416000

YK4900000 TRIPHOSPHORIC ACID, SODIUM SALT
UPDT:8407 CAS: 13573-18-7 MW: 367.86 MOLFM: O10-P3 .5Na
SYN: ARMOFOS * NATRIUMTRIPOLYPHOSPHAT (German) * PENTASODIUM TRIPHOSPHATE * POLYGON * POLY * SODIUM TRIPHOSPHATE * SODIUM TRIPOLYPHOSPHATE * STPP * TRIPOLY * TRIPOLYPHOSPHATE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6500 mg/kg AIHAAP 30,470,69
ipr-rat LD50:525 mg/kg JPETAB 108,117,53
orl-mus LD50:3210 mg/kg ARZNAD 7,445,57
ipr-mus LD50:700 mg/kg REPMBN 10,391,62
scu-mus LD50:900 mg/kg ARZNAD 7,445,57
ivn-mus LD50:74 mg/kg ARZNAD 7,445,57
TRIPHTHAZINE see: SP1500000
TRIPHTHAZINE see: SP1750000
TRIPHTHAZINE DIHYDROCHLORIDE see: SP1750000
TRIPION CB see: AG2650000
TRIPIPERAZINE DICITRATE see: TL3485000
TRIPIPERIDINOPHOSPHINE SELENIDE see: SZ2460000
TRIPLA-ETILO see: AR9660000

YK5300000 TRIPLE-NOCTIN
DEF:A mixture of CAPTAN fungicide, plus 0.4 ounce MO/acre plus NITROGEN-fixing bacteria in oneeasy to use package (FMCHA2 -,C246,83)
UPDT:8309
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:9 gm/kg FMCHA2 -,C246,83
TRIPLEX III see: AH4375000
TRI-PLUS see: KX4550000
TRI-PLUS M see: KX4550000
TRIPOLI see: VV7336000
TRIPOLY see: YK4900000
TRIPOLYPHOSPHATE see: YK4900000
TRIPOMOL see: JO1400000
TRIPOTASSIUM HEXACYANOCOBALTATE see: GF9470000
TRIPOTASSIUM HEXACYANOFERRATE see: LJ8225000
TRIPOTASSIUM HEXACYANOMANGANATE(3-) see: OO9163500
TRIPOTASSIUM TRICHLORIDE see: TS8050000
TRIPROPARGYL CYANURATE see: XZ2080000
TRIPROPYLALUMINUM see: BD2208000
TRIPROPYLALUMINUM (DOT) see: BD2208000
TRIPROPYLAMINE (8CI) see: TX1575000
TRI-n-PROPYLAMINE see: TX1575000
TRIPROPYLAMINE (DOT) see: TX1575000
TRIPROPYL(BUTYLTHIO)STANNANE see: WH6770400
TRIPROPYLENE see: UD2794000
TRIPROPYLENE (DOT) see: UD2794000
TRIPROPYLENE GLYCOL, METHYL ETHER see: UB8050000
TRIPROPYLTIN ACETATE see: WH6700000
TRI-n-PROPYLTIN BROMIDE see: WH6760000
TRI-n-PROPYLTIN CHLORIDE see: WH6870000
TRIPROPYLTIN IODIDE see: WH8583000
TRIPROPYLTIN IODOACETATE see: WH8577000
TRIPROPYLTIN o-IODOBENZOATE see: WH8579000
TRIPROPYLTIN ISOTHIOCYANATE see: WH8583700
TRIPROPYLTIN TRICHLOROACETATE see: WH8715000
2,4,6-TRIPROP-2-YNYLOXY-s-TRIAZINE see: XZ2080000

YK7685000 TRIPSACUM LAXUM Nash., extract excluding roots
DEF:Indian plant belonging to the family GRAMINEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:187 mg/kg IJEBA6 15,208,77
TRIPTIDE see: MC0556000
TRIPTIL see: HP1050000
TRIPTIL HYDROCHLORIDE see: HP1400000
TRIPTONE see: YM4550000
(TRI-2-PYRIDYL)STIBINE see: WJ1575000
TRIQUILAR see: JF8300000
TRIQUINOL see: NX0500000
TRIRODAZEEN see: XK9450000
TRI-RODAZENE see: XK9450000
TRIS see: TY2900000
TRIS see: UB0350000
TRIS(ACETONITRILE)TRICHLORORHODIUM see: VI9452500
TRIS(ACETYLACETONATO)CHROMIUM see: GB7575000
TRIS(ACETYLACETONATO)CHROMIUM(III) see: GB7575000
TRISAETHYLENIMINOBENZOCHINON (German) see: DK7175000
TRIS(ALLYLOXY)BORANE see: ED4810000
2,4,6-TRIS(ALLYLOXY)TRIAZINE see: XZ2080000
TRISAMINE see: TY2900000
TRIS-AMINO see: TY2900000
TRIS-4-AMINOFENYLMETHAN (Czech) see: PB7350000
TRISAMINOL see: TY2900000
TRIS(p-AMINOPHENYL)CARBONIUM PAMOATE see: YK8050000
TRIS(p-AMINOPHENYL)CARBONIUM SALT with 4,4-METHYLENEBIS(3-HYDROXY-2-NAPHTHOIC ACID) (2:1) see: YK8050000

YK8050000 TRIS(p-AMINOPHENYL)METHYLIUM SALT with 4,4'-METHYLENEBIS(3-HYDROXY-2-NAPHTHOIC ACID) (2:1)
UPDT:8401 CAS: 2706-47-0 MW: 471.48 MOLFM: C19-H8-N3 .1/2C24-H14-O6
SYN: 4,4'-METHYLENEBIS(3-HYDROXY-2-NAPHTHOIC ACID) with TRIS-(p-AMINOPHENYL)CARBONIUM SALT (1:2) * 4,4'-METHYLENEBIS(3-HYDROXY-2-NAPHTHOIC ACID) with TRIS-(p-AMINOPHENYL)METHYLIUM SALT (1:2) * TACP * TRIS(p-AMINOPHENYL)CARBONIUM PAMOATE * TRIS(p-AMINOPHENYL)CARBONIUM SALT with 4,4-METHYLENEBIS(3-HYDROXY-2-NAPHTHOIC ACID) (2:1)
TUMORIGENIC DATA AND REFERENCES:
3V02K60R60 orl-rat TDLo:100 mg/kg/78W-C CNREA8 25,1919,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
TRISATIN see: NM3250000
TRIS(1-AZIRIDINE)PHOSPHINE OXIDE see: SZ1750000
2,3,5-TRIS(AZIRIDINO)-1,4-BENZOQUINONE see: DK7175000
2,3,5-TRIS(1-AZIRIDINO)-p-BENZOQUINONE see: DK7175000
TRIS(AZIRIDINYL)-p-BENZOQUINONE see: DK7175000
TRIS(1-AZIRIDINYL)-p-BENZOQUINONE see: DK7175000
2,3,5-TRIS(AZIRIDINYL)-1,4-BENZOQUINONE see: DK7175000
2,3,5-TRIS(1-AZIRIDINYL)-p-BENZOQUINONE see: DK7175000
2,3,5-TRIS(1-AZIRIDINYL)-2,5-CYLOHEXADIENE-1,4-DIONE see: DK7175000
TRIS(AZIRIDINYL)PHOSPHINE OXIDE see: SZ1750000
TRIS-(1-AZIRIDINYL)PHOSPHINE OXIDE (DOT) see: SZ1750000
TRIS(1-AZIRIDINYL)PHOSPHINE OXIDE see: SZ1750000
TRIS(1-AZIRIDINYL)PHOSPHINE SULFIDE see: SZ2975000
TRIS(1-AZIRIDINYL)PHOSPHINE SULPHIDE see: SZ2975000
2,4,6-TRIS(1-AZIRIDINYL)PYRIMIDINE see: UW5976050
TRISAZIRIDINYLTRIAZINE see: XZ2100000
2,4,6-TRIS(1-AZIRIDINYL)-s-TRIAZINE see: XZ2100000
2,4,6-TRIS(1'-AZIRIDINYL)-1,3,5-TRIAZINE see: XZ2100000
TRIS(BENZOYLACETONATO)CHROMIUM see: GB7580000
TRIS BIS-BIFLUOROAMINO DIETHOXY PROPANE (DOT) see: YO9105340
TRIS-BP see: UB0350000
TRIS(1-BROMOMETHYL-2-BROMOETHYL)PHOSPHATE see: UB0400000
TRIS BUFFER see: TY2900000
TRIS(2-BUTOXYETHYL) PHOSPHATE see: KJ9800000
TRIS-n-BUTYLAMINE see: YA0350000
TRISCABOL see: ZH0525000
1,3,5-TRIS(CARBONYL-2-ETHYL-1-AZIDINE)BENZENE see: DC5250000
N,N,N'-TRIS(2-CHLORAETHYL)-N',O-PROPYLEN-PHOSPHORSAUREESTER-DIAMID (German) see: RP5880000
1,1,3-TRIS(2-CHLOROETHOXY)PROPANE see: UE0400000
TRIS(2-CHLOROETHOXY)SILANE see: VV6825000
TRIS(beta-CHLOROETHYL)AMINE see: YE2625000
TRIS(2-CHLOROETHYL)AMINE see: YE2625000
TRIS(beta-CHLOROETHYL)AMINE HYDROCHLORIDE see: YE2800000
TRIS(2-CHLOROETHYL)AMINE HYDROCHLORIDE see: YE2800000
TRIS(2-CHLOROETHYL)AMINE MONOHYDROCHLORIDE see: YE2800000
TRIS(2-CHLOROETHYL)AMMONIUM CHLORIDE see: YE2800000
TRIS(2-CHLOROETHYL)ESTER of PHOSPHORUS ACID see: KK2810000
TRIS(beta-CHLOROETHYL) PHOSPHATE see: KK2450000
TRIS(2-CHLOROETHYL) PHOSPHATE see: KK2450000
TRIS(2-CHLOROETHYL)PHOSPHITE see: KK2810000
N,N,N'-TRIS(2-CHLOROETHYL)-N',O-PROPYLENE PHOSPHORIC ACID ESTER DIAMIDE see: RP5880000
N,N,3-TRIS(2-CHLOROETHYL)TETRAHYDRO-2H-1,3,2-OXAPHOSPHORIN-2-AMINE 2-OXIDE see: RP5880000
N,N,3-TRIS(2-CHLOROETHYL)TETRAHYDRO-2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE 2-OXIDE see: RP5880000
TRIS-1,2,3-(CHLOROMETHOXY)PROPANE see: UA1850000
TRIS(1-CHLOROMETHYL-2-CHLOROETHYL)PHOSPHATE see: UB1473000
1-(beta,beta,beta-TRIS(p-CHLOROPHENYL)PROPIONYL)-4-METHYLPIPERAZINE HYDROCHLORIDE see: TM1925000
TRIS(p-CHLOROPHENYL)TIN FLUORIDE see: WH8276000
TRIS(CHLOROPROPYL)PHOSPHATE see: UA9457000
TRIS(o-CRESYL)-PHOSPHATE see: TD0350000
N,N',N''-TRIS-CYCLOETHYLENECARBAMYL-2,4,6-TRIAMINOTOLUENE see: CM6771C00
TRIS-2,3-DIBROMPROPYL ESTER KYSELINY FOSFORECNE (Czech) see: UB0350000
TRIS(DIBROMOPROPYL)PHOSPHATE see: UB0350000

TRIS(2,3-DIBROMOPROPYL) PHOSPHATE see: UB0350000
TRIS(2,3-DIBROMOPROPYL) PHOSPHORIC ACID ESTER see: UB0350000
TRIS(DIBUTYLBIS(HYDROXYETHYLTHIO)TIN) BIS(BORIC ACID ESTER) see: XK4860000
TRIS(1,3-DICHLOROISOPROPYL)PHOSPHATE see: UB1473000
TRIS(2,4-DICHLOROPHENOXYETHYL) PHOSPHITE see: KK4950000
TRIS(2,4-DICHLOROPHENOXYETHYL)PHOSPHITE mixed with BIS(2,4-DICHLOROPHENOXYETHYL)PHOSPHITE see: TG6150000
TRIS-(1,3-DICHLORO-2-PROPYL)-PHOSPHATE see: UB1473000
1,2,3-TRIS(2-DIETHYLAMINOETHOXY)BENZENE TRIETHIODIDE see: BS1100000
1,2,3-TRIS(2-DIETHYLAMINOETHOXY)BENZENE TRIS(ETHYLIODIDE) see: BS1100000
2,4,6-TRIS(beta-DIETHYLAMINOETHOXY)-1,3,5-TRIAZINE TRIBENZCHLORIDE see: BS9258000
TRIS(beta-DIETHYLAMINOETHOXY)-1,3,5-TRIAZINE TRIBENZYLCHLORIDE see: BS9258000
2,4,6-TRIS(DI(HYDROXYMETHYL)AMINO)-1,3,5-TRIAZINE see: PC3700000
TRIS(DIMETHYLAMINO)PHOSPHINE OXIDE see: TD0875000
TRIS(DIMETHYLAMINO)PHOSPHORUS OXIDE see: TD0875000
N,N',N''-TRIS(DIMETHYLAMINOPROPYL)-s-HEXAHYDROTRIAZINE see: XY9491300
1,2-(TRISDIMETHYLAMINOSILYL)ETHANE see: KJ4200000
2,4,6-TRIS(DIMETHYLAMINO)-s-TRIAZINE see: OS1050000
TRIS(DIMETHYLCARBAMODTHIOATO-S,S')IRON see: NO8750000
TRIS(DIMETHYLDITHIOCARBAMATO)BISMUTH see: EB3400000
TRIS(DIMETHYLDITHIOCARBAMATO)IRON see: NO8750000
TRIS(N,N-DIMETHYLDITHIOCARBAMATO) IRON(111) see: NO8750000
TRIS(DIMETHYLDITHIOCARBAMOYL)ARSINE see: CH9000000
N,N',N''-TRIS(2-(2,6-DIOXO-1,2,3,6-TETRAHYDRO-1-PYRIMIDINYL)ETHYL)PHOSPHOROTHIOIC TRIAMIDE see: TG4630000 PHOSPHOROTHIOIC TRIAMIDE, N,N',N''-TRIS(2-(2,6-DIOXO-1,2,3,6-TETRAHYDRO-1-PYRIMIDINYL) ETHYL)-
TRIS(DIPROPYLENE GLYCOL)PHOSPHONATE see: TH2010000
TRIS(1-DODECIL-3-METIL-2-FENIL-1,3-BENZIMIDAZOLIO)-FERRICIANURO (Italian) see: DE2275000
TRIS(1-DODECYL-3-METHYL-2-FENYL-1,3-BENZIMIDAZOLIUM)-HEXACYANOFERRAAT (III) (Dutch) see: DE2275000
TRIS(1-DODECYL-3-METHYL-2-PHENYLBENZIMIDAZOLIUM)FERRICYANIDE see: DE2275000
TRIS(1-DODECYL-3-METHYL-2-PHENYL-1,3-BENZIMIDAZOLIUM)-HEXACYANOFERRAT (III) (German) see: DE2275000
TRIS(DODECYLTHIO)ANTIMONY see: WJ1650000
1,3,5-TRIS(2,3-EPOXYPROPYL)-s-TRIAZINE-2,4,6-(1H,3H,5H)-TRIONE see: XZ1995000
TRISERPIN see: ZG0350000
2,3,5-TRISETHYLENEIMINOBENZOQUINONE see: DK7175000
TRIS(N-ETHYLENE)PHOSPHOROTRIAMIDATE see: SZ1750000
2,3,5-TRIS(ETHYLENIMINO)BENZOQUINONE see: DK7175000
2,3,5-TRIS(ETHYLENIMINO)-p-BENZOQUINONE see: DK7175000
2,3,5-TRIS(ETHYLENIMINO)-1,4-BENZOUINONE see: DK7175000
TRISETHYLENEIMINOQUINONE see: DK7175000
1,3,5-TRIS(ETHYLENEIMINOSULPHONYL)NAPHTHALENE see: CM8200000
TRIS(ETHYLENIMINO)THIOPHOSPHATE see: SZ2975000
TRIS(ETHYLENEIMINO)TRIAZINE see: XZ2100000
TRISETHYLENEIMINO-1,3,5-TRIAZINE see: XZ2100000
2,4,6-TRIS(ETHYLENEIMINO)-s-TRIAZINE see: XZ2100000
2,4,6-TRIS(ETHYLENIMINO)-s-TRIAZINE see: XZ2100000
TRIS(2-ETHYLHEXYL)PHOSPHATE see: MP0770000
TRIS (FLAME RETARDANT) see: UB0350000
TRISFOSFAMIDE see: RP5880000
TRIS(2-HYDROXYETHYL)AMINE see: KL9275000
TRIS(2-HYDROXYETHYL)PHENYLMERCURIAMMONIUM LACTATE see: BT4725000
TRIS-HYDROXYMETHYL-AMINOMETHAN (German) see: TY2900000
TRIS-HYDROXYMETHYLAMINOMETHANE see: TY2900000
TRIS(HYDROXYMETHYL)METHANAMINE see: TY2900000
TRIS(HYDROXYMETHYL)METHYLAMINE see: TY2900000
6-(TRIS(HYDROXYMETHYL)METHYLAMINO)-2,4-DI(ETHYLENEIMINO)TRIAZINE see: TY3192600
TRIS(2-HYDROXYPROPYL)AMINE see: UB8750000
TRIS(2-HYDROXY-1-PROPYL)AMINE see: UB8750000
TRIS-N-LOST see: YE2800000
TRIS(p-METHOXYPHENYL)CHLOROETHYLENE see: KV0600000
2,4,6-TRIS(METHYLAMINO)-s-TRIAZINE see: XZ2650000
2,4,6-TRIS-METHYLAMINO-1,3,5-TRIAZINE see: XZ2650000
TRIS(2-METHYLAZIRIDIN-1-YL)PHOSPHINE OXIDE see: SZ1925000
TRIS(2-METHYL-1-AZIRIDINYL)PHOSPHINE OXIDE see: SZ1925000
2,4,6-TRIS-((1-(2-METHYLAZIRIDINYL))-1,3,5-TRIAZINE see: XZ2710000
TRIS(3-METHYLBUTYL)PHOSPHINE see: SZ3776000
N,N',N''-TRIS(1-METHYLETHYLENE)PHOSPHORAMIDE see: SZ1925000
TRIS(1-METHYLETHYLENE)PHOSPHORIC TRIAMIDE see: SZ1925000
TRIS(o-METHYLPHENYL)PHOSPHATE see: TD0350000
N,N',N''-TRIS(beta-(6-METHYLURACIL-3)ETHYL)TRIAMIDE of THIOPHOSPHORIC ACID see: TG4610000PHOSPHOROTHIOIC TRIAMIDE, N,N',N''-TRIS(2-(2,6-DIOXO-4-METHYL-1,2,3,6-TETRAHYDRO-1-PYRIMIDINYL)ETHYL)-
N,N',N''-TRIS(beta-(5-NITROURACIL-3)ETHYL)TRIAMIDE of THIOPHOSPHORIC ACID see: TG4620000PHOSPHOROTHIOIC TRIAMIDE, N,N',N''-TRIS(2-(2,6-DIOXO-5-NITRO-1,2,3,6-TETRAHYDRO-1-PYRIMIDINYL)ETHYL)-
TRISODIUM 4'-ANILINO-8-HYDROXY-1,1'-AZONAPHTHALENE-3,6,5'-TRISULFONATE see: QJ6300000
TRISODIUM ARSENATE, HEPTAHYDRATE see: CG1300000
TRISODIUM 3-CARBOXY-5-HYDROXY-1-p-SULFOPHENYL-4-p-SULFOPHENYLAZOPYRAZOLE see: UQ6400000
TRISODIUM CARBOXYPHOSPHATE see: SY8200000 PHOSPHINECARBOXYLIC ACID, DIHYDROXY-, OXIDE,TRISODIUM SALT
TRISODIUM EDETATE see: AH5250000
TRISODIUM EDTA see: AH5250000
TRISODIUM ETHYLENEDIAMINETETRAACETATE see: AH5250000
TRISODIUM ETHYLENEDIAMINETETRAACETATE TRIHYDRATE see: AH5275000
TRISODIUM HEXANITRITOCOBALTATE see: GF9480000
TRISODIUM HEXANITRITOCOBALTATE(3-) see: GF9480000
TRISODIUM HEXANITROCOBALTATE see: GF9480000
TRISODIUM HEXANITROCOBALTATE(3-) see: GF9480000
TRISODIUM HYDROGEN ETHYLENEDIAMINETETRAACETATE see: AH5250000
TRISODIUM HYDROGEN (ETHYLENEDINITRILO)TETRAACETATE see: AH5250000
TRISODIUM NITRILOTRIACETATE see: MB8400000
TRISODIUM NITRILOTRIACETATE MONOHYDRATE see: AJ1070000
TRISODIUM NITRILOTRIACETIC ACID see: MB8400000
TRISODIUM ORTHOPHOSPHATE see: TC9490000
TRISODIUM PHOSPHATE see: TC9490000
TRISODIUM PHOSPHONOFORMATE see: SY8200000 PHOSPHINECARBOXYLIC ACID, DIHYDROXY-, OXIDE,TRISODIUM SALT
TRISODIUM SALT of 3-CARBOXY-5-HYDROXY-1-SULFOPHENYLAZOPYRAZOLE see: UQ6400000
TRISODIUM SALT of 1-(4-SULFO-1-NAPHTHYLAZO)-2-NAPHTHOL-3,6-DISULFONIC ACID see: QJ6550000
TRISODIUM SALT of 1-(4-SULPHO-1-NAPHTHYLAZO)-2-NAPHTHOL-3,6-DISULPHONIC ACID see: QJ6550000
TRISODIUM TRIFLUORIDE see: WB0350000
TRISODIUM VERSENATE see: AH5250000
TRISOMNIN see: CP9450000
TRISOMNIN see: CP9800000
TRI-SPAN see: UO3470000
TRIS(2,4-PENTANEDIONATO)CHROMIUM see: GB7575000
TRIS(1-PHENYL-1,3-BUTANEDIONO)CHROMIUM (III) see: GB7580000
TRISPHOSPHAMIDE see: RP5880000
TRISPUFFER see: TY2900000
TRIS-STERIL see: TY2900000
TRIS(TOLYLOXY)PHOSPHINE OXIDE see: TD0175000
TRIS(o-TOLYL)-PHOSPHATE see: TD0350000
1,3,5-TRIS(TRIBUTYLTIN)-s-TRIAZINE-2,4,6-TRIONE see: WH8880000

YL7200000 TRIS(TRIDECYL)AMINE
UPDT:8308 CAS: 5910-77-0 MW: 564.21 MOLFM: C39-H81-N
SYN: 1-TRIDECANAMINE, N,N-DITRIDECYL- * TRITRIDECYL AMINE

TOXICITY DATA AND REFERENCES:

*	skn-rbt LD50:16 gm/kg	TXAPA9 28,313,74

1,2,3-TRIS(2-TRIETHYLAMMONIUM ETHOXY)BENZENE TRIIODIDE see: BS1100000
TRIS(TRIETHYLENE GLYCOL) PHOSPHATE see: KK9520000
TRIS(3,3,5-TRIMETHYLCYCLOHEXYL)ARSINE see: CH9100000
TRISULFIDE, DI-2-PROPENYL (9CI) see: BC6168000
TRISULFON CONGO RED see: QK1400000
TRISULFON VIOLET N see: QK1420000
TRISULFON YELLOW G see: GD0197800
TRISULFON YELLOW GF see: GD0197800
TRISULFURATED PHOSPHORUS see: TH4330000
N,N',N''-TRIS(beta-(URACIL-3)ETHYL)TRIAMIDE of THIOPHOSPHORIC ACID see: TG4630000PHOSPHOROTHIOIC TRIAMIDE, N,N',N''-TRIS(2-(2,6-DIOXO-1,2,3,6-TETRAHYDRO-1-PYRIMIDINYL) ETHYL)
TRITEREN see: UO3470000
TRITHENE see: KV0525000
TRITHEON see: XJ1570000
1,2,3-TRITHIAN-5-AMINE, N,N-DIMETHYL-, ETHANEDIOATE (1:1) see: YL8300000

YL8300000 v-TRITHIANE, 5-(DIMETHYLAMINO)-, OXALATE
UPDT:8310 CAS: 31895-22-4 MW: 271.39 MOLFM: C5-H11-N-S3 .C2-H2-O4
SYN: 5-DIMETHYLAMINO-1,2,3-TRITHIANE HYDROGENEOXALATE * N,N-DIMETHYL-1,2,3-TRITHIAN-5-AMINE, ETHANEDIOATE (1:1) * N,N-DIMETHYL-1,2,3-TRITHIAN-5-AMINE HYDROGENOXALATE * N,N-DIMETHYL-1,2,3-TRITHIAN-5-YLAMMONIUM HYDROGEN OXALATE * EVISECT * EVISEKT * SAN 155 * SAN 1551 * SAN 155 I * THIOCYCLAM (ETHANEDIOATE 1:1) * THIOCYCLAM HYDROGEN OXALATE * 1,2,3-TRITHIAN-5-AMINE, N,N-DIMETHYL-, ETHANEDIOATE (1:1)

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:195 mg/kg	KSKZAN 16(2), 59,78
*	skn-rat LD50:1000 mg/kg	FMCHA2 -,C234,83
	orl-mus LD50:273 mg/kg	SPEADM 78-1,24,78
	orl-dog LD50:1000 mg/kg	SPEADM 78-1,24,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3,4,5-TRITHIATRICYCLO(5.2.1.0(sup 2,6))DECANE see: PB9100000
TRITHIO see: JP1292500
TRITHIOANETHOLE see: JP1292500
TRITHIOCARBONIC ACID, CYCLIC ESTER with 2,3-QUINOXALINEDITHIOL see: FG2700000
TRITHIOCYANURIC ACID see: XZ2830000
TRITHIO-(p-METHOXYPHENYL)PROPENE see: JP1292500
TRITHION see: TD5250000
TRITHION MITICIDE see: TD5250000
TRITHIOZINE see: QF1790000
TRITIATED ESTRADIOL-17-beta see: KG7030000
TRITIOZINA (Italian) see: QF1790000
TRITIOZINE see: QF1790000
TRITISAN see: DA6650000
TRITOFTOROL see: ZH3325000
TRITOL see: XU0175000
TRITOL see: XU0180000
TRITOLYL PHOSPHATE see: TD0175000
TRI-o-TOLYL PHOSPHATE see: TD0350000
TRI-2-TOLYL PHOSPHATE see: TD0350000
VALTOMICINA see: QI8575000
TRITON see: XU0175000
TRITON A-20 see: SM9750000
TRITONAL 80/20 see: DA6270000
TRITONAL see: DA6270000
TRITONAL (DOT) see: DA6270000
TRITON GR-5 see: WN0525000
TRITON GR 7 see: WN0525000
TRITON K-60 see: BO3150000
TRITON WR 1339 see: SM9750000
TRITON X see: MD0907700
TRITON X 15 see: MD0907600
TRITON X 35 see: MD0907700
TRITON X-40 see: BO7000000
TRITON X 45 see: MD0907700
TRITON X 100 see: MD0907700
TRITON X100 see: RI0525000
TRITON X 102 see: MD0907700
TRITON X 114 see: MD0907600
TRITON X 165 see: MD0907700
TRITON X 207 see: MD0907600
TRITON X 305 see: MD0907700
TRITON X-400 see: BO7000000
TRITON X 405 see: MD0907700
TRITON X 705 see: MD0907700
TRITOX see: AM2450000
TRITRIDECYL AMINE see: YL7200000
TRITROL see: ES8575000
TRITTICO see: YM1431000
TRI-TUMINE see: US3150000
TRITURUS CRISTATUS VENOM see: YX3973500
psi-TROPINE p-TOLYLACETATE HYDROCHLORIDE see: YM6045800
N-TRITYLMORPHOLINE see: QF2275000
TRIULOSE see: UC1645000
TRIUMBREN see: DG0888000

YM1305000 TRIUMFETTA BARTRAMIA Linn., extract
DEF:Indian plant belonging to the family TILIACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: PURAMUTTI EXTRACT

TOXICITY DATA AND REFERENCES:

1U26	ipr-mus LD50:1000 mg/kg	IJEBA6 11,43,73

YM1306000 TRIUMFETTA NEGLECTA W. & A., extract
DEF:Indian plant belonging to the family TILIACEAE (IJEBA6 7,250,69)
UPDT:8302

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:750 mg/kg	IJEBA6 7,250,69

YM1307000 TRIUMFETTA PILOSA Roth, extract excluding roots
DEF:Indian plant belonging to the family TILIACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:500 mg/kg	IJEBA6 18,594,80

TRIUROL see: DG0888000
TRIUROPAN see: DG0888000
TRIVALENT SODIUM ANTIMONYL GLUCONATE see: CC7900000
TRIVASTAL see: UV9704000
TRIVASTAN see: UV9704000
TRIVAZOL see: NI5600000
TRI-VC 13 see: TF0350000
TRIVINYLTIN CHLORIDE see: WH6870500
TRIVITAN see: VS2900000
TRIZIMAN see: ZB3200000
TRIZIMAN D see: ZB3200000
TRIZILIN see: KN8400000

YM1431000 s-TRIZOLO(4,3-a)PYRIDIN-3(2H)-ONE, 2-(3-(4-(3-CHLOROPHENYL)-1-PIPERAZINYL)PROPYL-, MONOHYDROCHLORIDE
UPDT:8405 CAS: 25332-39-2 MW: 408.37 MOLFM: C19-H22-Cl-N5-O .Cl-H
SYN: AF 1161 * 2-(3-(4-(m-CHLOROPHENYL)-1-PIPERAZINYL)PROPYL)-s-TRIAZOLE-(4,3-a)-PIRIDIN-3(2H)-ONE HCl * 2-(3-(4-(3-CHLOROPHENYL)-1-PIPERAZINYL)PROPYL)-1,2,4-TRIZOLO(4,3-a)PYRIDIN-3(2H)-ONE HCl * DESYREL * MOLIPAXIN * PRAGMAZONE * THOMBRAN * TOMBRAN * TRAZODONE HYDROCHLORIDE * TRITTICO
TOXICITY DATA AND REFERENCES:

	ivn-rat LDLo:93 mg/kg	TXCYAC 10,151,78
*	ivn-mus LD50:96 mg/kg	EJPHAZ 12,231,70

TROCHIN see: VB2360000
TROCLOSENE see: XZ1845000
TROCLOSENE POTASSIUM see: XZ1850000
TROCLOSENE POTASSIUM see: XZ1900010
TROCOSONE see: GL1224000
TROFORMONE see: BV8100000
TROFOSFAMID see: RP5880000
TROFOSFAMIDE see: RP5880000
TROFURIT see: CB2625000
TROGAMID T see: RF5250000
TROGUM see: GM5090000
TROJCHLOREK FOSFORU (Polish) see: TH3675000
TROJCHLOROBENZEN (Polish) see: DC2100000
TROJCHLOROETAN(1,1,2) (Polish) see: KJ3150000
TROJCHLOROWODOREK 4-ACETYLO-4-(3-CHLOROFENYLO)-1-(3-(4-METYLOPIPERAZYNO)-PROPYLO)-PIPERYDYNY see: TK7912030
TROJKREZYLU FOSFORAN (Polish) see: TD0350000
TROJNITROTOLUEN (Polish) see: XU0175000
TROLAMINE see: KL9275000
TROLEANDOMYCIN see: RJ9900000
TROLEN see: TG0525000
TROLENE see: TG0525000
TROLITUL see: WL6475000
TROLITUL AN see: AT6978000
TROLITUL EN see: AT6978000
TROLOVOL see: YV9425000
TROMASIN see: RU4950000
TROMANTADINE HYDROCHLORIDE see: AB4310000
TROMASEDAN see: DD6206000
TROMBARIN see: AF5775000
TROMBAVAR see: XB8660000
TROMBIL see: AF5775000
TROMBOLYSAN see: AF5775000
TROMBOSAN see: GN7875000
TROMBOVAR see: YQ2800000
TROMBOVAR see: XB8660000
TROMEDONE see: RQ2100000
TROMETAMOL see: TY2900000
TROMETAMOLE see: TY2900000
TROMETE see: TC9490000
TROMETHAMINE see: TY2900000
TROMETHAMINE PROSTAGLANDIN F2-alpha see: UK8025000
TROMETHANE see: TY2900000
TROMETHANMIN see: TY2900000
TROMEXAN see: AF5775000
TROMEXAN ETHYL ACETATE see: AF5775000
TRONA see: ED7400000
TRONA see: VZ4050000
TRONA see: WE1650000
TRONAMANG see: OO9275000
TRONOTHANE HYDROCHLORIDE see: QD8750000
TRONOX see: XR2275000
TROPACAINE see: YM4200000
TROPACOCAIN see: YM4200000
TROPACOCAINE see: YM4200000
TROPAEOLIN see: DB6327000
TROPAEOLIN 1 see: DB7085000
TROPAEOLIN D see: CZ1750000
TROPAEOLIN G see: DB7085000
TROPAEOLIN G see: DB7329500
TROPAEOLIN 000 see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
TROPAEOLIN 000 2 see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
TROPAEOLIN 000 NO. 1 see: DB7085000

YM2781500 2-TROPANECARBOXAMIDE, N,N-DIETHYL-3-HYDROXY-, BENZOATE, HYDROCHLORIDE
UPDT:8307 MW: 380.96 MOLFM: C20-H28-N2-O3 .Cl-H
SYN: (+)-2-(N,N-DIETHYLCARBOXAMIDO)-3-BENZOXYTROPANE HYDROCHLORIDE * N,N-DIETHYL-3-HYDROXY-2-TROPANECARBOXAMIDE BENZOATE HYDROCHLORIDE * G-6
TOXICITY DATA AND REFERENCES:

3F11F12F13	ivn-mus LD50:4800 ug/kg	AIPTAK 115,452,58
1G04	ivn-dog LDLo:1 mg/kg	AIPTAK 115,452,58

YM2800000 1-alpha-H,5-alpha-H-TROPANE-2-beta-CARBOXYLIC ACID, 3-beta-HYDROXY-, METHYL ESTER, BENZOATE
UPDT:8406 CAS: 50-36-2 MW: 303.39 MOLFM: C17-H21-N-O4
SYN: BENZOYLMETHYLECGONINE * BERNICE * BERNIES * BURESE * 2-beta-CARBOMETHOXY-3-beta-BENZOXYTROPANE * 'C' CARRIE * CECIL * CHOLLY * COCAINE * (-)-COCAINE * beta-COCAINE * 1-COCAINE * COKE * CORINE * ECGONINE, METHYL ESTER, BENZOATE (ESTER) * ERITROXILINA * ERYTROXYLIN * GIRL * GOLD DUST * HAPPY DUST * KOKAIN * KOKAN * KOKAYEEN * METHYL 3-beta-HYDROXY-1-alpha-H,5-alpha-H-TROPANE-2-beta-CARBOXYLATE BENZOATE (ESTER) * NEUROCAINE * STAR DUST * 2-beta-TROPANECARBOXYLIC ACID, 3-beta-HYDROXY-, METHYL ESTER, BENZOATE (ESTER) * 3-TROPANYLBENZOATE-2-CARBOXYLIC ACID METHYL ESTER
IRRITATION DATA AND REFERENCES:

	eye-rbt 16% MLD	JAPMA8 42,685,53

TOXICITY DATA AND REFERENCES:

	orl-man LDLo:7353 ug/kg	85DCAI 2,73,70
3F01F08F12	orl-hmn TDLo:714 mg/kg	JAMAAP 238,1391,77
	unk-hmn LDLo:286 ug/kg	34ZIAG -,183,69
	ipr-rat LD50:70 mg/kg	JLCMAK 15,731,30
	scu-rat LD50:250 mg/kg	JLCMAK 15,731,30
*	ivn-rbt LD50:17500 ug/kg	JLCMAK 15,731,30
2F13F12	orl-mus LD50:99 mg/kg	ARZNAD 16,1275,66
*	ipr-mus LD50:75 mg/kg	JATOD3 4,19,80
*	scu-mus LD50:150 mg/kg	JLCMAK 15,731,30
	ivn-mus LD50:30 mg/kg	RPTOAN 35,114,72
	scu-dog LDLo:35 mg/kg	PHREA7 12,190,32
2E01F12	ivn-dog LD50:13 mg/kg	AIPTAK 235,328,78
	scu-cat LDLo:30 mg/kg	JPETAB 24,167,25
*	ivn-cat LDLo:14600 ug/kg	PHREA7 12,190,32
	orl-rbt LDLo:126 mg/kg	27ZIAQ -,78,73
	scu-rbt LDLo:50 mg/kg	AEPPAE 160,53,31
*	ivn-rbt LD50:17 mg/kg	JLCMAK 15,731,30
	scu-gpg LDLo:50 mg/kg	PHREA7 12,190,32
	ivn-gpg LDLo:20 mg/kg	PHREA7 12,190,32
	scu-pgn LDLo:60 mg/kg	HBAMAK 4,1333,35
	scu-frg LDLo:420 mg/kg	HBAMAK 4,1333,35
	par-frg LDLo:300 mg/kg	AEPPAE 144,197,29
	scu-dom LDLo:180 mg/kg	HBAMAK 4,1332,35
*	scu-ctl LDLo:180 mg/kg	HBAMAK 4,1332,35

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PHREA7 12,190,32
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

2-beta-TROPANECARBOXYLIC ACID, 3-beta-HYDROXY-, METHYL ESTER, BENZOATE (ESTER) see: YM2800000

YM3050000 1-alpha-H,5-alpha-H-TROPANE-2-beta-CARBOXYLIC ACID, 3-beta-HYDROXY-, METHYL ESTER, BENZOATE (ester), HYDROCHLORIDE
UPDT:8412 CAS: 53-21-4 MW: 339.85 MOLFM: C17-H21-N-O4 .Cl-H
SYN: COCAIN-CHLORHYDRAT (German) * COCAINE CHLORIDE * COCAINE HYDROCHLORIDE * (-)-COCAINE HYDROCHLORIDE * l-COCAINE HYDROCHLORIDE * COCAINE MURIATE * METHYL 3-beta-HYDROXY-1-alpha-H,5-alpha-H-TROPAN-2-beta-CARBOXYLATE, BENZOATE (ESTER) HCl * SAL DE MERCK
IRRITATION DATA AND REFERENCES:

	eye-rbt 2% MLD	ARZNAD 8,181,58

MUTATION DATA AND REFERENCES:

	cyt-ham:lng 830 mg/L	GMCRDC 27,95,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	ipr-rat TDLo:300 mg/kg (8-12D preg)	TJADAB 21,37A,80
1T21	ipr-rat TDLo:10 mg/kg (1D male)	PHBHA4 4,677,69
2T25T34	ipr-mus TDLo:600 mg/kg (7-16D preg)	TJADAB 21,37A,80
3T41T46T53	scu-mus TDLo:60 mg/kg (9D preg)	JPMSAE 69,703,80
1T73	scu-mus TDLo:60 mg/kg (9D preg)	JPMSAE 69,703,80
1T42	scu-mus TDLo:60 mg/kg (7D preg)	JPMSAE 69,703,80
1T25	scu-mus TDLo:60 mg/kg (10D preg)	JPMSAE 69,703,80

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:82 mg/kg	ARZNAD 1,218,51
	orl-mus LD50:96 mg/kg	RPOBAR 2,279,70
3F12J22J24	ipr-mus LD50:68 mg/kg	AIPTAK 189,198,71
1F29	scu-mus LD50:68 mg/kg	JPMSAE 60,685,71
*	ivn-mus LD50:15 mg/kg	AIPTAK 105,221,56
2E01F12	ivn-dog LD50:21 mg/kg	AIPTAK 235,328,78
2F12J30	scu-rbt LDLo:100 mg/kg	JPETAB 47,255,33
2F12J30	scu-gpg LDLo:60 mg/kg	JPETAB 47,255,33

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YM3357000 1-alpha-H,5-alpha-H-TROPANIUM, 8-ALLYL-2-beta-CARBOXY-3-beta-HYDROXY-, BROMIDE, METHYL ESTER, BENZOATE
UPDT:8303 CAS: 21416-05-7 MW: 424.38 MOLFM: C20-H26-N-O4 .Br
SYN: COCAINE ALLYL BROMIDE
TOXICITY DATA AND REFERENCES:

3F12J22J24	ipr-mus LD50:94 mg/kg	AIPTAK 189,198,71
3F12J22J24	ivn-mus LD50:18200 ug/kg	AIPTAK 189,198,71

YM3460000 1-alpha-H,5-alpha-H-TROPANIUM, 8-(p-BUTOXYBENZYL)-3-alpha-HYDROXY-, BROMIDE, (-)-TROPATE
UPDT:8408 CAS: 29025-14-7 MW: 532.58 MOLFM: C28-H38-N-O4 .Br
SYN: BHB * BUTOXYBENZYL HYOSCYAMINE BROMIDE * p-BUTOXYBENZYL HYOSCYAMINIUM BROMIDE * l-(1-(p-n-BUTOXYBENZYL)HYOSCYAMINIUM) BROMIDE * 8-(p-BUTOXYBENZYL)-3-alpha-HYDROXY-1-alpha-H,5-alpha-H-TROPANIUM BROMIDE (-)-TROPATE (ester) * BUTROPIUM BROMIDE * COLIOPAN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	orl-rat TDLo:1440 mg/kg (9-14D preg)	OYYAA2 8,319,74
1T02	orl-rat TDLo:4375 mg/kg (25W male)	OYYAA2 8,307,74
3T25T34T35	ipr-rat TDLo:36 mg/kg (9-14D preg)	OYYAA2 8,319,74
2T46T76	ipr-rat TDLo:36 mg/kg (9-14D preg)	OYYAA2 8,319,74
2T72T86	ipr-rat TDLo:144 mg/kg (9-14D preg)	OYYAA2 8,319,74
2T46T86	orl-mus TDLo:360 mg/kg (7-12D preg)	OYYAA2 8,319,74
2T25T35	ipr-mus TDLo:240 mg/kg (7-12D preg)	OYYAA2 8,319,74
1T46	ipr-mus TDLo:36 mg/kg (7-12D preg)	OYYAA2 8,319,74
1T02	ivn-rbt TDLo:71400 ug/kg (42D male)	OYYAA2 8,285,74

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:113 mg/kg	IYKEDH 5,106,74
*	ivn-rat LD50:21 mg/kg	IYKEDH 5,106,74
*	orl-mus LD50:1500 mg/kg	USXXAM #3696110
*	scu-mus LD50:370 mg/kg	NIIRDN 6,355,82
*	ivn-mus LD50:6400 ug/kg	IYKEDH 5,106,74
*	ims-mus LD50:285 mg/kg	NIIRDN 6,355,82
3D16J25R21	ivn-rbt LD50:6800 ug/kg	OYYAA2 8,285,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YM3500000 1-alpha-H,5-alpha-H-TROPANIUM, 8-BUTYL-6-beta,7-beta-EPOXY-3-alpha-HYDROXY-, BROMIDE, (-)-TROPATE
UPDT:8408 CAS: 149-64-4 MW: 440.43 MOLFM: C21-H30-N-O4 .Br
SYN: AMISEPAN * BUSCAPINA * BUSCAPINE * BUSCOL * BUSCOLAMIN * BUSCOLYSIN * BUSCOLYSINE * BUSCOPAN * BUTYLHYOSCINE * N-BUTYLHYOSCINE BROMIDE * N-BUTYLHYOSCINIUM BROMIDE * BUTYLMIN * BUTYLSCOPOLAMINE BROMIDE * N-BUTYLSCOPOLAMINE BROMIDE * N-BUTYLSCOPOLAMINIUM BROMIDE * BUTYLSCOPOLAMMONIUM BROMIDE * N-BUTYLSCOPOLAMMONIUM BROMIDE * DONOPON * HYOSCIN-N-BUTYLBROMID (German) * HYOSCIN-N-BUTYL BROMIDE * HYOSCINE BUTOBROMIDE * HYOSCINE BUTYL BROMIDE * HYOSCINE-N-BUTYL BROMIDE * JOSCINE * MONOSPAN * SCOBRO * SCOBRON * SCOBUTIL * SCOBUTYL * SCOPOLAMINE BROMOBUTYLATE * SCOPOLAMINE BUTOBROMIDE * SCOPOLAMINE BUTYL BROMIDE * SCOPOLAMINE N-BUTYL BROMIDE * SCOPOLAN * SPARICON * SPORAMIN * STILBRON * TIRANTIL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T12	ims-rat TDLo:2010 mg/kg (30D pre)	OYYAA2 9,615,75
1T02	ims-rat TDLo:2010 mg/kg (30D male)	OYYAA2 9,615,75

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1040 mg/kg	AIPTAK 180,155,69
	scu-rat LD50:510 mg/kg	AIPTAK 180,155,69
2D16E15	ivn-rat LD50:24 mg/kg	OYYAA2 23,461,82
	idu-rat LD50:180 mg/kg	AIPTAK 180,155,69
	orl-mus LD50:3000 mg/kg	ARZNAD 18,1132,68
	ipr-mus LD50:73 mg/kg	JMCMAR 16,1063,73
*	scu-mus LD50:304 mg/kg	NIIRDN 6,354,82
3F12F19J25	ivn-mus LD50:10300 ug/kg	OYYAA2 5,518,71
*	orl-gpg LD50:750 mg/kg	FRPSAX 39,3,84
*	scu-gpg LD50:65 mg/kg	FRPSAX 39,3,84
*	scu-gpg LD50:155 mg/kg	AIPTAK 137,375,62

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YM3510000 1-alpha-H,5-alpha-H-TROPANIUM, 8-BUTYL-6-beta,7-beta-EPOXY-3-alpha-HYDROXY-, (-)-TROPATE (ester), TANNATE
UPDT:8406
SYN: n-BUTYLSCOPOLAMINE TANNATE

TOXICITY DATA AND REFERENCES:

3F12F17J22	ipr-rat LD50:343 mg/kg	OYYAA2 5,599,71
3F12F17J22	ipr-mus LD50:146 mg/kg	OYYAA2 5,599,71
3F12F17J22	scu-mus LD50:228 mg/kg	OYYAA2 5,599,71

YM3540000 1-alpha-H,5-alpha-H-TROPANIUM, 2-beta-CARBOXY-3-beta-HYDROXY-8-METHYL-, IODIDE, METHYL ESTER, BENZOATE
UPDT:8303 CAS: 5937-29-1 MW: 445.33 MOLFM: C18-H24-N-O4 .I
SYN: COCAINE METHIODIDE * (-)-COCAINE METHIODIDE

TOXICITY DATA AND REFERENCES:

3F12J22J24	ipr-mus LD50:68 mg/kg	AIPTAK 189,198,71
3F12J22J24	ivn-mus LD50:7100 ug/kg	AIPTAK 189,198,71

YM3545000 1-alpha-H,5-alpha-H-TROPANIUM, 8-CARBOXY-3-HYDROXY-8-METHYL-, PHENYL ESTER, CARBAZATE (ester)
UPDT:8402 MW: 320.41 MOLFM: C16-H22-N3-O4
SYN: 8-AZONIABICYCLO(3.2.1)OCTANE, 8-METHYL-8-PHENOXYCARBONYL-3-HYDROXY-, CARBAZATE (ester) * 8-CARBOXY-3-HYDROXY-8-METHYL-1-alpha-H,5-alpha-H-TROPANIUM PHENYL ESTER CARBAZATE (ester) * EGYT 1978 * 8-PHENOXYCARBONYL-3-(HYDRAZINOCARBONYLOXY)TROPANE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T45T46T47	orl-rat TDLo:3 gm/kg (7-16D preg)	TJADAB 25(1),24A,82
3T48T49T53	orl-rat TDLo:3 gm/kg (7-16D preg)	TJADAB 25(1),24A,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YM3570000 1-alpha-H,5-alpha-H-TROPANIUM, 8-(p-CHLOROBENZYL)-3-HYDROXY-, BROMIDE, MALEATE (ester)
UPDT:8303 CAS: 63977-82-2 MW: 480.87 MOLFM: C23-H27-Cl-N-O3 .Br
SYN: 8-(p-ETHYLBENZYL)TROPINIUM BROMIDE MANDELATE * N-252 * TROPINIUM, 8-(p-ETHYLBENZYL)-, BROMIDE, MANDELATE

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:46 mg/kg	32ZCAI -,72,67

YM3675000 1-alpha-H,5-alpha-H-TROPANIUM, 6-beta,7-beta-EPOXY-3-alpha-HYDROXY-8-METHYL-, BROMIDE, (-)-TROPATE (ester)
UPDT:8305 CAS: 155-41-9 MW: 398.34 MOLFM: C18-H24-N-O4 .Br
SYN: AMPYROX * BLOCAN * DIOPAL * EPOXYMETHAMINE BROMIDE * EPOXYTROPINE TROPATE METHYLBROMIDE * HOLOPAN * HYOSCINE METHYL BROMIDE * LESCOPINE BROMIDE * MESCOPIL * METHOSCOPYLAMINE BROMIDE * METHSCOPOLAMINE BROMIDE * N-METHYLHYOSCINE BROMIDE * METHYLSCOPOLAMINE BROMIDE * METHYLSCOPOLAMINE HYDROBROMIDE * N-METHYLSCOPOLAMMONIUM BROMIDE * NEO-AVAGAL * NUTROP * PAMINE * PAMINE BROMIDE * PARASPAN * PROSCOMIDE * RESTROPIN * SCOPOLAMINE METHOBROMIDE * SCOPOLAMINE METHYLBROMIDE * (-)-SCOPOLAMINE METHYL BROMIDE

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:3400 mg/kg	AIPTAK 180,155,69
	scu-rat LD50:2060 mg/kg	AIPTAK 180,155,69
	idu-rat LD50:870 mg/kg	AIPTAK 180,155,69
*	orl-mus LD50:1214 mg/kg	AIPTAK 156,467,65
	scu-mus LD50:880 mg/kg	ARZNAD 13,1132,68
*	ivn-mus LD50:26806 ug/kg	AIPTAK 103,100,55

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE

YM3700000 1-alpha-H,5-alpha-H-TROPANIUM, 3-alpha-HYDROXY-8-ISOPROPYL-, BROMIDE, (+-)-TROPATE
UPDT:8403 CAS: 22254-24-6 MW: 412.42 MOLFM: C20-H30-N-O3 .Br
SYN: ATEM * ATROVENT * 3-alpha-HYDROXY-8-ISOPROPYL-1-alpha-H,5-alpha-H-TROPANIUM BROMIDE (+-)-TROPATE * (Br)-3-alpha-HYDROXY-8-ISOPROPYL-1-alpha-H,5-alpha-H-TROPIUMBROMIDE-(+-)-TROPATE * IPRATROPIUMBROMID (German) * IPRATROPIUM BROMIDE * 8-ISOPROPYLNORATROPINE METHOBROMIDE * N-ISOPROPYLNORATROPINIUM BROMOMETHYLATE * ITROP * Sch 1000

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T72T76T81	orl-rat TDLo:13500 mg/kg (17-22D preg/21D post)	IYKEDH 9,393,78
2T02T03	orl-rat TDLo:30 gm/kg (60D male)	IYKEDH 9,393,78
1T26	orl-rbt TDLo:65 mg/kg (6-18D preg)	IYKEDH 9,393,78

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1429 mg/kg	NIIRDN 6,348,82
*	ipr-rat LD50:113 mg/kg	NIIRDN 6,348,82
*	scu-rat LD50:634 mg/kg	NIIRDN 6,348,82
	ivn-rat LD50:16 mg/kg	ARZNAD 26,985,76
	orl-mus LD50:1001 mg/kg	ARZNAD 26,985,76
*	ipr-mus LD50:78 mg/kg	NIIRDN 6,348,82
	scu-mus LD50:300 mg/kg	ARZNAD 26,985,76
	ivn-mus LD50:12 mg/kg	ARZNAD 26,985,76
	orl-dog LD50:1300 mg/kg	ARZNAD 26,985,76
	ivn-dog LDLo:20 mg/kg	ARZNAD 26,985,76
*	ihl-gpg LCLo:200 mg/kg	PMESAJ 51(Suppl 7),82,75
1C08	ivn-mam LD50:10 mg/kg	PMESAJ 51(Suppl 7),82,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YM3701000 1-alpha-H,5-alpha-H-TROPANIUM, 3-alpha-HYDROXY-8-ISOPROPYL-, BROMIDE, (+-)-TROPATE, HYDRATE
UPDT:8302 MW: 430.44 MOLFM: C20-H30-N-O3 .Br .H2-O
SYN: ATROVENT HYDRATE * IPRATROPIUM BROMIDE HYDRATE * SCH 1000 HYDRATE * (1S,3S,5R)-3-TROPYLOXY-8-ISOPROPYLTROPANIUM BROMIDE HYDRATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T24T46	orl-rat TDLo:55 mg/kg (7-17D preg)	IYKEDH 9,971,78
2T16T75	orl-rat TDLo:550 mg/kg (7-17D preg)	IYKEDH 9,971,78
1T85	orl-rat TDLo:5500 mg/kg (7-17D preg)	IYKEDH 9,971,78
1T02	orl-rat TDLo:336 mg/kg (28D male)	IYKEDH 9,417,78
1T02	ihl-rat TDLo:28 mg/kg (28D male)	IYKEDH 9,417,78
1T03	orl-rbt TDLo:1120 mg/kg (28D male)	IYKEDH 9,417,78

TOXICITY DATA AND REFERENCES:

2F11F12	orl-rat LD50:1900 mg/kg	IYKEDH 9,417,78
3F19F22J22	ipr-rat LD50:113 mg/kg	IYKEDH 10,176,79
3F19F22J22	scu-rat LD50:635 mg/kg	IYKEDH 10,176,79
*	ivn-rat LD50:18 mg/kg	IYKEDH 12,668,81
2F11F12	orl-mus LD50:1120 mg/kg	IYKEDH 9,417,78
3F12F24J25	ipr-mus LD50:72 mg/kg	IYKEDH 9,417,78
3F19F22J22	scu-mus LD50:378 mg/kg	IYKEDH 10,176,79
*	ivn-mus LD50:17 mg/kg	IYKEDH 12,668,81
3F11F19J25	orl-rbt LD50:1557 mg/kg	IYKEDH 9,417,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YM3710000 1-alpha-H,5-alpha-H-TROPANIUM, 3-alpha-HYDROXY-8-METHYL-, BROMIDE, 2-PROPYLVALERATE
UPDT:8412 CAS: 80-50-2 MW: 362.41 MOLFM: C17-H32-N-O2 .Br
SYN: ANISOTROPINE METHOBROMIDE * ANISOTROPINE METHYLBROMIDE * 8-AZONIABICYCLO(3.2.1)OCTANE, 8,8-DIMETHYL-3-((1-OXO-2-PROPYLPENTYL)OXY)-, BROMIDE, endo- * 3-alpha-HYDROXY-8-METHYL-1-alpha-H,5-alpha-H-TROPANIUM BROMIDE 2-PROPYLVALERATE * LYTISPASM * 8-METHYL-3-(2-PROPYLPENTANOYLOXY)TROPINIUM BROMIDE * 8-METHYLTROPINIUM BROMIDE 2-PROPYLVALERATE * OCTATROPINE METHYLBROMIDE * VALPIN * VAPIN

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:705 mg/kg	NIIRDN 6,24,82
*	orl-mus LD50:850 mg/kg	NIIRDN 6,24,82
*	ipr-mus LD50:129 mg/kg	NIIRDN 6,24,82
*	scu-mus LD50:133 mg/kg	NIIRDN 6,24,82
*	ivn-mus LD50:6300 ug/kg	OYYAA2 2,70,68

1-alpha-H,5-alpha-H-TROPANIUM, 3-alpha-HYDROXY-8-METHYL-, NITRATE, (+-)-TROPATE (ESTER) see: CK2800000

1-alpha-H,5-alpha-H-TROPANIUM, 3-alpha-HYDROXY-8-OCTYL-, BROMIDE, (-+)-TROPATE (8CI) see: CK2820000

1-alpha-H,5-alpha-H-TROPANIUM, 3-alpha-HYDROXY-8-(p-PHENYLBENZYL)-, BROMIDE, (+-)-TROPATE see: CK2990000

YM3770000 1-alpha-4,5-alpha-H-TROPANIUM, 3-alpha-HYDROXY-8-(p-PHENYLPHEACYL)-, BROMIDE, (-)-TROPATE
UPDT:8403 CAS: 5868-06-4 MW: 564.57 MOLFM: C31-H34-N-O4 .Br
SYN: FA 402 * FENTONIUM BROMIDE * 3-alpha-HYDROXY-8-(p-PHENYLPHENACYL)-1-alpha-H,5-alpha-H-TROPANIUM BROMIDE (-)-TROPATE * KETOSCILIUM * PHENTONIUM BROMIDE * N-(4-PHENYLPHENACYL)-1-HYOSCYAMINIUM BROMIDE * ULCESIUM * Z 326

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:12100 ug/kg	MEIEDD 10,576,83

YM4010000 1-alpha-H,5-alpha-H-TROPAN-2-alpha-OL, 1-ADAMANTANECARBOXYLATE (ester), (+)-
UPDT:8406 CAS: 87395-60-6 MW: 303.49 MOLFM: C19-H29-N-O2
SYN: (+)-1-ADAMANTANECARBOXYLIC ACID 1-alpha-H,5-alpha-H-TROPAN-2-alpha-YL ESTER

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:32 mg/kg	JMCMAR 26,1772,83

YM4025000 1-alpha-H,5-alpha-H-TROPAN-3-alpha-OL, ATROPATE (ester)
UPDT:8405 CAS: 500-55-0 MW: 271.39 MOLFM: C17-H21-N-O2
SYN: APOATROPIN * APOATROPINE * ATROPAMIN * ATROPAMINE * ATROPYLTROPEINE * endo-alpha-METHYLENEBENZENEACETIC ACID 8-METHYL-8-AZABICYCLO(3.2.1)OCT-3-YL ESTER * TROPIC ACID, 3-alpha-TROPANYL ESTER * TROPINE, ATROPATE (ESTER)

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:160 mg/kg	MEIEDD 10,108,83
*	ipr-mus LD50:14100 ug/kg	MEIEDD 10,108,83

YM4140000 1-alpha-H,5-alpha-H-TROPAN-2-alpha-OL, BENZILATE (ester), (+)-
UPDT:8406 MW: 335.48 MOLFM: C22-H25-N-O2
SYN: BENZILIC ACID, 1-alpha-H,5-alpha-H-TROPAN-2-alpha-YL ESTER, (+)- * (+)-2-alpha-TROPANYL BENZILATE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:14 mg/kg	JMCMAR 26,1772,83

YM4151000 1-alpha-H,5-alpha-H-TROPAN-3-alpha-OL, BENZILATE (ester), HYDROCHLORIDE
UPDT:8305 CAS: 1674-94-8 MW: 387.94 MOLFM: C22-H25-N-O3 .Cl-H
SYN: BAT * TROPINE BENZILATE HYDROCHLORIDE * 3-TROPYL BENZILATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

3F11F12F13	ipr-mus LD50:92580 ug/kg	AIPTAK 120,160,59
3F11F12F13	ivn-mus LD50:13680 ug/kg	AIPTAK 120,160,59

YM4200000 1-alpha-H,5-alpha-H-TROPAN-3-beta-OL, BENZOATE (ester)
UPDT:8405 CAS: 537-26-8 MW: 245.35 MOLFM: C15-H19-N-O2
SYN: BENZOYLPSEUDOTROPEINE * BENZOYLPSEUDOTROPINE * BENZOYL-psi-TROPEINE * o-BENZOYLTROPINE * exo-8-METHYL-8-AZABICYCLO(3.2.1)-OCTAN-3-OL BENZOATE * PSEUDOTROPINE BENZOATE * PSEUDOTROPINE, BENZOATE (ester) * TROPACAINE * TROPACOCAIN * TROPACOCAINE * psi-TROPINE BENZOATE

TOXICITY DATA AND REFERENCES:

	ivn-rat LDLo:15 mg/kg	PHREA7 12,262,32
*	scu-mus LDLo:50 mg/kg	PHREA7 12,190,32
	ivn-cat LDLo:18 mg/kg	PHREA7 12,190,32
*	scu-rbt LDLo:300 mg/kg	PHREA7 12,190,32
	ipr-gpg LDLo:170 mg/kg	PHREA7 12,190,32
	scu-gpg LDLo:217 mg/kg	PHREA7 12,190,32
	ivn-gpg LDLo:25 mg/kg	PHREA7 12,190,32
	scu-frg LDLo:650 mg/kg	PHREA7 12,190,32

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PHREA7 12,190,32

YM4202000 1-alpha-H,5-alpha-H-TROPAN-2-alpha-OL, (BENZYLOXY)DIPHENYLACETATE (ester), (+)-
UPDT:8406 CAS: 87421-58-7 MW: 478.07 MOLFM: C29-H31-N-O3 .Cl-H
SYN: ACETIC ACID, (BENZYLOXY)DIPHENYL-, 1-alpha-H,5-alpha-H-TROPAN-2-alpha-YL ESTER, (+)-

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:61 mg/kg	JMCMAR 26,1772,83

YM4215000 1-alpha-H,5-alpha-H-TROPAN-2-alpha-OL, CHLORODIPHENYLACETATE (ester), HYDROCHLORIDE, (+)-
UPDT:8406 CAS: 87421-56-5 MW: 406.38 MOLFM: C22-H24-Cl-N-O2 .Cl-H
SYN: (+)-2-alpha-TROPANYL CHLORODIPHENYLACETATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:24 mg/kg	JMCMAR 26,1772,83

YM4219000 1-alpha-H,5-alpha-H-TROPAN-3-alpha-OL, (m-CHLOROPHENYL)ACETATE (ester), HYDROCHLORIDE
UPDT:8406 CAS: 16048-10-5 MW: 330.28 MOLFM: C16-H20-Cl-N-O2 .Cl-H
SYN: TROPINE (m-CHLOROPHENYL)ACETATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:18 mg/kg	JMCMAR 11,175,68

YM4250000 1-alpha-H,5-alpha-H-TROPAN-3-alpha-OL, (p-CHLOROPHENYL)ACETATE (ester), HYDROCHLORIDE
UPDT:8406 CAS: 16048-11-6 MW: 330.28 MOLFM: C16-H20-Cl-N-O2 .Cl-H
SYN: psi-TROPINE (p-CHLOROPHENYL)ACETATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:6110 ug/kg	JMCMAR 11,175,68

YM4260000 1-alpha-H,5-alpha-H-TROPAN-3-beta-OL, (p-CHLOROPHENYL)ACETATE (ester), HYDROCHLORIDE
UPDT:8406 CAS: 18650-52-7 MW: 330.28 MOLFM: C16-H20-Cl-N-O2 .Cl-H
SYN: psi-TROPINE (p-CHLOROPHENYL)ACETATE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:10800 ug/kg	JMCMAR 11,175,68

YM4375700 1-alpha-H,5-alpha-H-TROPAN-3-alpha-OL, CYCLOHEXYLACETATE (ester), HYDROCHLORIDE
UPDT:8406 MW: 301.90 MOLFM: C16-H27-N-O2 Cl-H
SYN: TROPINE CYCLOHEXYLACETATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:36 mg/kg JMCMAR 11,175,68

YM4375800 1-alpha-H,5-alpha-H-TROPAN-3-beta-OL, CYCLOHEXYLACETATE (ester), HYDROCHLORIDE
UPDT:8406 MW: 301.90 MOLFM: C16-H27-N-O2 Cl-H
SYN: psi-TROPINE CYCLOHEXYLACETATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:34 mg/kg JMCMAR 11,175,68

YM4402700 1-alpha-H,5-alpha-H-TROPAN-2-alpha-OL, 10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTENE-5- CARBOXYLATE (ester), (+)-
UPDT:8406 CAS: 87395-56-0 MW: 361.52 MOLFM: C24-H27-N-O2
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg JMCMAR 26,1772,83

YM4402800 1-alpha-H,5-alpha-H-TROPAN-2-beta-OL, 10,11-DIHYDRO-5H-DIBENZO(a,d)CYCLOHEPTENE-5- CARBOXYLATE (ester), (-)-
UPDT:8406 CAS: 87421-60-1 MW: 361.52 MOLFM: C24-H27-N-O2
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg JMCMAR 26,1772,83

YM4404000 1-alpha-H,5-alpha-H-TROPAN-2-alpha-OL, DIPHENYLFLUOROACETATE (ester), (+)-
UPDT:8406 CAS: 87421-57-6 MW: 353.47 MOLFM: C22-H24-F-N-O2
SYN: ACETIC ACID, FLUORODIPHENYL-, 1-alpha-H,5-alpha-H-TROPAN-2-alpha-YL ESTER, (+)-
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:36 mg/kg JMCMAR 26,1772,83

YM4425000 1-alpha-H,5-alpha-H-TROPAN-2-alpha-OL, 3,3-DIPHENYLHYDRACRYLATE (ester), (+)-
UPDT:8406 CAS: 87395-51-5 MW: 365.51 MOLFM: C23-H27-N-O3
SYN: (+)-2-alpha-TROPANYL 3,3-DIPHENYLHYDRACRYLATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg JMCMAR 26,1772,83

YM4470000 1-alpha-H,5-alpha-H-TROPAN-2-alpha-OL, DIPHENYLPROPOXYACETATE (ester), (+)-
UPDT:8406 CAS: 87395-59-3 MW: 393.57 MOLFM: C25-H31-N-O3
SYN: ACETIC ACID, DIPHENYLPROPOXY-, 1-alpha-H,5-alpha-H-TROPAN-2-alpha-YL ESTER, (+)-
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:22 mg/kg JMCMAR 26,1772,83

YM4500000 1-alpha-H,5-alpha-H-TROPAN-2-alpha-OL, 2,2-DIPHENYLVALERATE (ester), (+)-
UPDT:8406 CAS: 87395-52-6 MW: 377.57 MOLFM: C25-H31-N-O2
SYN: VALERIC ACID, 2,2-DIPHENYL-, 1-alpha-H,5-alpha-H-TROPAN-2-alpha-YL ESTER, (+)-
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg JMCMAR 26,1772,83

YM4550000 1-alpha-H,5-alpha-H-TROPAN-3-alpha-OL, 6-beta,7-beta-EPOXY-, (-)-TROPATE (ester) HYDROBROMIDE
UPDT:8402 CAS: 114-49-8 MW: 384.31 MOLFM: C17-H21-N-O4 Br-H
SYN: BELDAVRIN * EUSCOPOL * HYDROSCINE HYDROBROMIDE * HYOSCINE BROMIDE * HYOSCINE HYDROBROMIDE * (-)-HYOSCINE HYDROBROMIDE * l-HYOSCINE HYDROBROMIDE * HYOCINE F HYDROBROMIDE * HYOSCYINE HYDROBROMIDE * HYSCO * ISOSCOPIL * KWELLS * SCOPAMIN * SCOPOLAMINE BROMIDE * (-)-SCOPOLAMINE BROMIDE * SCOPOLAMINE HYDROBROMIDE * (-)-SCOPOLAMINE HYDROBROMIDE * SCOPOLAMINIUM BROMIDE * SCOPOLAMMONIUM BROMIDE * SCOPOS * SEREEN * TRIPTONE
MUTATION DATA AND REFERENCES:
cyt-hmn:hla 1 pph/5H HUMAA7 4,371,67
cyt-hmn:hla 1 pph HUMAA7 4,371,67
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T21 ipr-rat TDLo:300 ug/kg (1D male) PHBHA4 4,677,69
1T21 scu-rat TDLo:500 ug/kg (1D male) PSYPAG 10,44,66
2T41T42 orl-rbt TDLo:2365 mg/kg (10-14D preg) AJBSAM 35,173,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1270 mg/kg AIPTAK 180,155,69
scu-rat LD50:3800 mg/kg AIPTAK 180,155,69
idu-rat LD50:670 mg/kg AIPTAK 180,155,69
orl-mus LD50:1880 mg/kg ARZNAD 18,1132,68
ipr-mus LD50:650 mg/kg CLDND*
scu-mus LD50:1650 mg/kg ARZNAD 18,1132,68
ivn-mus LD50:203 mg/kg JPETAB 79,127,43
ivn-cat LDLo:80 mg/kg AEPPAE 120,189,27
ivn-rbt LDLo:100 mg/kg AEPPAE 120,189,27
1E16 scu-gpg LD50:850 mg/kg AIPTAK 137,375,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YM5250000 3-TROPANOL, (m-FLUOROPHENYL)ACETATE (ester), HYDROCHLORIDE
UPDT:8405 CAS: 16048-45-6 MW: 315.85 MOLFM: C16-H22-F-N-O2 Cl-H
SYN: ACETIC ACID, (m-FLUOROPHENYL)-, TROPAN-3-YL ESTER, HYDROCHLORIDE * VANILLIC DIETHYLAMIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:22 mg/kg TXAPA9 11,308,67

YM5981000 1-alpha-H,5-alpha-H-TROPAN-2-alpha-OL, 4-OXO-4H-1-BENZOPYRAN-2-CARBOXYLATE (ester), (+)-
UPDT:8406 CAS: 87395-53-7 MW: 313.38 MOLFM: C18-H19-N-O4
SYN: (+)-2-alpha-TROPANYL CHROMONE-2-CARBOXYLATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 mg/kg JMCMAR 26,1772,83

YM5989000 1-alpha-H,5-alpha-H-TROPAN-3-alpha-OL, PHENYLACETATE, HYDROCHLORIDE
UPDT:8406 CAS: 3087-02-3 MW: 295.84 MOLFM: C16-H21-N-O2 Cl-H
SYN: TROPINE PHENYLACETATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:23 mg/kg JMCMAR 11,175,68

YM5991000 1-alpha-H,5-alpha-H-TROPAN-3-beta-OL, PHENYLACETATE, HYDROCHLORIDE
UPDT:8406 CAS: 3087-01-2 MW: 295.84 MOLFM: C16-H21-N-O2 Cl-H
SYN: psi-TROPINE PHENYLACETATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:42 mg/kg JMCMAR 11,175,68

YM6035000 1-alpha-H,5-alpha-H-TROPAN-2-alpha-OL, 10H-PYRIDO(3,2-b)BENZOTHIAZINE-10-CARBOXYLATE (ester), (+)-
UPDT:8406 CAS: 87395-55-9 MW: 367.50 MOLFM: C20-H21-N3-O2-S
SYN: (+)-2-alpha-TROPANYL 1-AZAPHENOTHIAZINE-10-CARBOXYLATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:32 mg/kg JMCMAR 26,1772,83

YM6037000 1-alpha-H,5-alpha-H-TROPAN-3-alpha-OL, 1,2,3,4-TETRAHYDRO-1-PHENYL- 1,4-NAPHTHALENEDICARBOXYLATE (ester), SULFATE (1:1)
UPDT:8305 CAS: 5908-89-4 MW: 638.84 MOLFM: C34-H40-N2-O4 H2-O4-S
SYN: BELLADONNINBISULFAT-ZUSATZ (German)
TOXICITY DATA AND REFERENCES:
* scu-rat LD50:500 mg/kg AIPTAK 139,281,62
* ivn-rat LD50:4300 mg/kg AIPTAK 139,281,62

YM6045800 1-alpha-H,5-alpha-H-TROPAN-3-beta-OL, p-TOLYLACETATE (ester), HYDROCHLORIDE
UPDT:8406 CAS: 2247-46-3 MW: 309.87 MOLFM: C17-H23-N-O2 Cl-H
SYN: psi-TROPINE p-TOLYLACETATE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:40 mg/kg JMCMAR 11,175,68

YM6060000 1-alpha-H,5-alpha-H-TROPAN-2-alpha-OL, 3,4,5-TRIMETHOXYBENZOATE (ester), (+)-
UPDT:8406 CAS: 87395-54-8 MW: 335.44 MOLFM: C18-H25-N-O5
SYN: BENZOIC ACID, 3,4,5-TRIMETHOXY-, 1-alpha-H,5-alpha-H-TROPAN-2-alpha-YL ESTER, (+)- * (+)-2-alpha-TROPANYL 3,4,5-TRIMETHOXYBENZOATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg JMCMAR 26,1772,83

YM6065000 1-alpha-H,5-alpha-H-TROPAN-2-beta-OL, 3,4,5-TRIMETHOXYBENZOATE (ester), (-)-
UPDT:8406 CAS: 87421-59-8 MW: 335.44 MOLFM: C18-H25-N-O5
SYN: BENZOIC ACID, 3,4,5-TRIMETHOXY-, 1-alpha-H,5-alpha-H-TROPAN-2-beta-YL ESTER, (-)-
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg JMCMAR 26,1772,83

1-alpha-H,5-alpha-H-TROPAN-3-alpha-OL (+-)-TROPATE (ester) (8CI) see: CK0700000

YM6095000 1-alpha-H,5-alpha-H-TROPAN-2-alpha-OL, (+-)-TROPATE (ester), (+)-
UPDT:8406 MW: 289.41 MOLFM: C17-H23-N-O3
SYN: (+)-2-alpha-TROPANYL (+-)-TROPATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:50 mg/kg JMCMAR 26,1772,83

1-alpha-H,5-alpha-H-TROPAN-3-alpha-OL (+-)-TROPATE (ester), SULFATE (2:1) SALT see: CK2450000
(+)-2-alpha-TROPANYL 1-AZAPHENOTHIAZINE-10-CARBOXYLATE see: YM6035000
(+)-2-alpha-TROPANYL BENZILATE see: YM4140000
3-TROPANYLBENZOATE-2-CARBOXYLIC ACID METHYL ESTER see: YM2800000
(+)-2-alpha-TROPANYL CHLORODIPHENYLACETATE HYDROCHLORIDE see: YM4215000
(+)-2-alpha-TROPANYL CHROMONE-2-CARBOXYLATE see: YM5981000
(+)-2-alpha-TROPANYL 3,3-DIPHENYLHYDRACRYLATE see: YM4425000
DL-TROPANYL 2-HYDROXY-1-PHENYLPROPIONATE see: CK0700000
DL-TROPANYL 2-HYDROXY-1-PHENYLPROPIONATE SULFATE see: CK2450000
(+)-2-alpha-TROPANYL 3,4,5-TRIMETHOXYBENZOATE see: YM6060000
(+)-2-alpha-TROPANYL (+-)-TROPATE see: YM6095000
d,l-TROPASAEUREESTER des 3-DIAETHYLAMINO-2,2-DIMETHYL-1-PROPANOL PHOSPHAT (German) see: YM8400000
TROPAX see: GV2800000
TROPEOLIN see: XK8155000
TROPHICARD see: CI9460000
TROPHICARDYL see: NM7460000
TROPHITE see: XI7350000
TROPHOSPHAMID see: RP5880000
TROPHOSPHAMIDE see: RP5880000

YM8400000 TROPIC ACID, 3-(DIETHYLAMINO)-2,2-DIMETHYLPROPYL ESTER, PHOSPHATE (1:1)
UPDT:8405 CAS: 134-53-2 MW: 405.48 MOLFM: C18-H29-N-O3 H3-O4-P
SYN: AMPROTROPINE PHOSPHATE * AP 407 * 3-DIETHYLAMINO-2,2-DIMETHYLPROPYL TROPATE PHOSPATE * 1-PROPANOL, 3-(DIETHYLAMINO)-2,2-DIMETHYL-, TROPATE, PHOSPHATE * SYNTROPAN * d,l-TROPASAEUREESTER des 3-DIAETHYLAMINO-2,2-DIMETHYL-1-PROPANOL PHOSPHAT (German)
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:43 mg/kg JLCMAK 30,700,45
scu-mus LDLo:1600 mg/kg KLWOAZ 15,1164,[illegible]
ivn-mus LD50:51 mg/kg JLCMAK 30,700,45
ivn-rbt LD50:25 mg/kg SMWOAS 76,1282,46
par-frg LDLo:1000 mg/kg AEPPAE 173,86,[illegible]3

TROPIC ACID, ESTER with SCOPINE see: VR3675000
TROPIC ACID, ESTER with TROPINE see: CK0700000
TROPIC ACID, 9-METHYL-3-OXA-9-AZATRICYCLO(3.3.1.0(sup 2,4))NON-7-YL ESTER see: VR3675000

YM8625000 TROPIC ACID, (+-)-3-QUINUCLIDINYL ESTER, (+-)-
UPDT:8406 CAS: 87395-64-0 MW: 275.38 MOLFM: C16-H21-N-O3
SYN: (+-)-3-QUINUCLIDINYL (+-)-TROPATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:45 mg/kg JMCMAR 26,1772,83

TROPIC ACID, 3-alpha-TROPANYL ESTER see: CK0700000
TROPIC ACID, 3-alpha-TROPANYL ESTER see: YM4025000
TROPICAL VIOLET TONER see: GE4518000
TROPIDECHIS CARINATUS (AUSTRALIA) VENOM see: YX3962600
TROPILIDENE see: GU3675000
TROPILIDIN see: GU3675000
TROPINE, ATROPATE (ESTER) see: YM4025000
TROPINE BENZILATE HYDROCHLORIDE see: YM4151000
psi-TROPINE BENZOATE see: YM4200000
TROPINE (m-CHLOROPHENYL)ACETATE HYDROCHLORIDE see: YM4219000
psi-TROPINE (p-CHLOROPHENYL)ACETATE HYDROCHLORIDE see: YM4250000
psi-TROPINE (p-CHLOROPHENYL)ACETATE HYDROCHLORIDE see: YM4260000
TROPINE CYCLOHEXYLACETATE HYDROCHLORIDE see: YM4375700
psi-TROPINE CYCLOHEXYLACETATE HYDROCHLORIDE see: YM4375800
TROPINE PHENYLACETATE HYDROCHLORIDE see: YM5989000
psi-TROPINE PHENYLACETATE HYDROCHLORIDE see: YM5991000
TROPINE TROPATE see: CK0700000
TROPINE, TROPATE (ESTER) see: CK0700000
TROPINIUM, 8-(p-ETHYLBENZYL)-, BROMIDE, MANDELATE see: YM3570000
TROPINIUM METHOBROMIDE MANDELATE see: MS9000000
TROPINTRAN see: CK2450000
TROPITAL see: DF4911000
TROPOLONE see: GU4075000

YN2346000 TROPOLONE, ACETATE
UPDT:8408 CAS: 33739-54-7 MW: 164.17 MOLFM: C9-H8-O3
SYN: 2-ACETOXYTROPONE * 2,4,6-CYCLOHEPTATRIEN-1-ONE, 2-(ACETYLOXY)- (9CI)
TOXICITY DATA AND REFERENCES:
2F12F29 ipr-mus LD50:233 mg/kg YKKZAJ 91,550,71
2F12F29 scu-mus LD50:347 mg/kg YKKZAJ 91,550,71

TROPOLONE, 4-ISOPROPYL- see: GU4200000
TROPOTOX see: ES8575000
TROPOTOX see: ES8750000
3-TROPYL BENZILATE HYDROCHLORIDE see: YM4151000
(1S,3S,5R)-3-TROPYLOXY-8-ISOPROPYLTROPANIUM BROMIDE HYDRATE see: YM3701000
(+,-)-TROPYL TROPATE see: CK0700000
dl-TROPYLTROPATE see: CK0700000
TROSINONE see: TU5570250
TROSPIUM CHLORIDE see: WH1317560

TROTOX see: ES8575000
TROTYL see: XU0175000
TROTYL see: XU0180000
TROTYL OIL see: XU0175000
TROTYL OIL see: XU0180000
TROVIDUR see: KU9625000
TROVIDUR see: KV0350000
TROVIDUR N see: KV0350000
TROVIDUR PE see: TQ3325000
TROVITHERN HTL see: KV0350000
TROXIDONE see: RQ2100000
TRP see: YN6130000
L-TRP see: YN6130000
D-TRP(sup 6),DES-GLY(sup 10),PRO(sup 9)-LHRH ETHYLAMIDE see: OK6749800
D-TRP(sup 6),DES-GLY(sup 10),PRO(sup 9)-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE see: OK6749800
(TRP(sup 2),LEU(sup 3),D-ALA(sup 6),DES-GLY(sup 10))-LHRH ETHYLAMIDE see: OK6749900
D-TRP(sup 6)-LHRH see: OK6749700
D-TRP(sup 6)-LUTEINIZING HORMONE-RELEASING HORMONE see: OK6749700
D-TRP(sup 6)-(N)ME-LEU(sup 7)-DES-GLY(sup 10)-PRO(sup 9)-LHRH ETHYLAMIDE see: OK6750000
TRP-P-1 see: UU9351900
TRP-P-1 (ACETATE) see: UU9352000
TRP-P-2 see: UU9354000
TRP-P-2 (ACETATE) see: UU9355000
D-TRP(sup 6)-PRO(sup 9)-N-ETHYLAMIDE-LHRH see: OK6755000
(D-TRP(sub 6)-PRO(sup 9)-NEt)-GnRH see: OK6755000
(D-TRP(sub 6)-PRO(sup 9)-NEt)-GONADOTROPIN RELEASING HORMONE see: OK6755000
(D-TRP(sup 6)-PRO(sup 9)NEt)LHRH see: OK6760000
(D-TRP(sup 6)-PRO(sup 9))-LHRH ETHYLAMIDE see: OK6755000
(D-TRP(sup 6)-PRO(sup 9)NEt)LRF see: OK6760000
(D-TRP(sup 6)-PRO(sup 9)NEt)LUTEINIZING HORMONE-RELEASING FACTOR see: OK6760000
(D-TRP(sup 6)-PRO(sup 9)NEt)LUTEINIZING HORMONE-RELEASING HORMONE see: OK6760000
(D-TRP(sup 6)-PRO(sup 9))-LUTEINIZING HORMONE-RELEASING HORMONE ETHYLAMIDE see: OK6755000
TRUBAN see: XI3875000
TRUCIDOR see: TF7900000
TRUE AMMONIUM SULFIDE see: BS4920000
TRUFLEX DOA see: AU9700000
TRUFLEX DOP see: TI0350000
TRUFLEX DTDP see: TI1950000
TRU see: VC3543500
TRUE AMMONIUM SULFIDE see: BS4900000
TRUSONO see: SC4900000
TRUSONO see: SC5075000
TRUXAL see: XO1050000
TRUXALETTEN see: XO1050000
TRUXIL see: XO1050000
p-TRYAMINE HYDROCHLORIDE see: SJ6050000
TRYBEN see: DH7700000
TRYCITE 1000 see: WL6475000
TRYCOL HCS see: RK2975000
TRYCOL LAL SERIES see: MD0875000
TRYCOL NP-1 see: MD0900000
TRYDET OS SERIES see: MD0880000
TRYDET SA SERIES see: TQ5400000
TRYMEEN TAM SERIES see: WW3150000
TRYPAFLAVIN see: AR9625000
TRYPAFLAVIN see: AR9660000
TRYPAFLAVINE see: AR9660000
TRYPAFLAVINE NEUTRAL see: AR9660000
TRYPAFLAVINUM see: AR9660000
TRYPANBLAU (German) see: QJ6475000
TRYPAN BLUE see: QJ6475000
TRYPAN BLUE BPC see: QJ6475000
TRYPAN BLUE SODIUM SALT see: QJ6475000
TRYPANE BLUE see: QJ6475000
TRYPARSAMIDE see: CF9450000
TRYPOXYL see: CF9625000

YN5075000 TRYPSIN
UPDT:8406 CAS: 9002-07-7
SYN: PARENZYME * PARENZYMOL * TRYPTAR * TRYPURE * U-4858
MUTATION DATA AND REFERENCES:
dnd-ham:fbr 100 ppm SFCRAO 23,346,70
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:36 mg/kg FATOAO 45(6),78,82
* ipr-mus LD50:100 mg/kg FATOAO 45(6),78,82
* ivn-mus LD50:11100 ug/kg NIIRDN 6,523,82
* ivn-rbt LD50:2200 ug/kg NIIRDN 6,523,82
3F01P30R03 ivn-gpg LDLo:30000 unit/kg AIPTAK 106,164,56
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

TRYPSIN INHIBITOR see: YN5080000

YN5080000 TRYPSIN INHIBITOR, PANCREATIC BASIC
UPDT:8407 CAS: 9087-70-1 MW: 6512.42 MOLFM: C284-H432-N84-O79-S7
SYN: ANTAGOSAN * ANTIKREIN * ANTILYSIN * ANTILYSINE * APROTININ * BASIC PANCREATIC TRYPSIN INHIBITOR * BAYER A-128 * FOSTEN * INIPROL * KALLIKREIN-TRYPSIN INACTIVATOR * KIR RICHTER * ONQUININ * REPULSON * RIKER 52G * RP-9921 * PANCREATIC BASIC TRYPSIN INHIBITOR * PANCREATIC TRYPSIN INHIBITOR * PANCREATIC TRYPSIN INHIBITOR (KUNITZ) * TRASYLOL * TRAZININ * TRYPSIN INHIBITOR * TRYPSIN-KALLIKREIN INHIBITOR (KUNITZ) * ZYMOFREN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T16 scu-rat TDLo:25000 kiu/kg (22D preg) JRPFA4 47,319,76
1T16 ivn-rat TDLo:10000 kiu/kg (22D preg) JRPFA4 55,377,79
1T24 iut-mus TDLo:160 mg/kg (2D preg) FESTAS 25,954,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TRYPSIN-KALLIKREIN INHIBITOR (KUNITZ) see: YN5080000
TRYPTAMINE see: NL4020000
TRYPTAMINE, 5-HYDROXY- see: NM2450000
TRYPTAMINE mixed with SODIUM NITRITE see: NL4400000
TRYPTAR see: YN5075000
TRYPTAZINE see: SP1750000
TRYPTAZINE DIHYDROCHLORIDE see: SP1750000
TRYPTIZOL see: HO9275000
TRYPTIZOL see: HO9450000
TRYPTIZOL HYDROCHLORIDE see: HO9450000
L-TRYPTOFAN see: YN6130000
TRYPTOPHAN see: YN6130000
(-)-TRYPTOPHAN see: YN6130000

YN6129200 TRYPTOPHAN, DL-
UPDT:8401 CAS: 54-12-6 MW: 204.25 MOLFM: C11-H12-N2-O2
SYN: DL-TRYPTOPHAN
TUMORIGENIC DATA AND REFERENCES:
3V01J60T61 orl-rat TDLo:844 gm/kg/92W-C CNREA8 39,1207,79
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BLFSBY 24,253,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D,L-TRYPTOPHAN, pyrolyzate 1 see: UU9351900
DL-TRYPTOPHAN see: YN6129200

YN6130000 TRYPTOPHAN, L-
UPDT:8412 CAS: 73-22-3 MW: 204.25 MOLFM: C11-H12-N2-O2
SYN: ALANINE, 3-INDOL-3-YL- * alpha-AMINO-3-INDOLEPROPIONIC ACID * EH 121 * INDOLE-3-ALANINE * INDOLE-3-PROPIONIC ACID, alpha-AMINO- * 1-beta-3-INDOLYLALANINE * NCI-C01729 * PROPIONIC ACID, 2-AMINO-3-INDOL-3-YL- * L-TRYPTOFAN * TRP * L-TRP * TRYPTOPHAN * (-)-TRYPTOPHAN * L-TRYPTOPHAN * TRYPTOPHANE * L-TRYPTOPHANE * L-TTP
MUTATION DATA AND REFERENCES:
mmo-omi 5 gm/L MGGEAE 121,117,73
dni-hmn:lym 1 mmol/L PNASA6 79,1171,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T12 ipr-rat TDLo:15 gm/kg (30D pre) IYKEDH 11,646,80
1T13 ipr-rat TDLo:60 gm/kg (30D pre) IYKEDH 11,646,80
1T02 ipr-rat TDLo:60 gm/kg (30D male) IYKEDH 11,646,80
1T12 scu-mus TDLo:900 mg/kg (3D pre) BIRSB5 20(Suppl 1),133A,79
1T02 ivn-rbt TDLo:30 gm/kg (30D male) IYKEDH 11,635,80
TUMORIGENIC DATA AND REFERENCES:
2V03M60 imp-mus TDLo:80 mg/kg CALEDQ 17,101,82
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:1634 mg/kg ABBIA4 58,253,55
3F07J24U26 ipr-mus LD50:4800 mg/kg IYKEDH 11,635,80
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BLFSBY 24,253,83
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-71,78)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

L-TRYPTOPHAN see: YN6130000

YN6135000 TRYPTOPHAN, L-, pyrolyzate
DEF:Smoke condensate obtained by pyrolysis of L-TRYPTOPHAN (CALEDQ 2,335,77)
UPDT:8311 MW: 204.25 MOLFM: C11-H12-N2-O2
SYN: L-TRYPTOPHAN, pyrolyzate
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/L CALEDQ 2,335,77
otr-ham:emb 50 mg/L MUREAV 49,145,78
cyt-ham:emb 30 mg/L/24H MUREAV 49,145,78
msc-ham-ipr 50 mg/kg CALEDQ 9,185,80
TUMORIGENIC DATA AND REFERENCES:
2V02L60 orl-rat TDLo:77600 mg/kg/2Y-C CALEDQ 13,181,81
2V01M60 imp-mus TDLo:80 mg/kg CALEDQ 17,101,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

L-TRYPTOPHAN, pyrolyzate see: YN6135000

YN6160000 TRYPTOPHAN, N-ACETYL-, L-
UPDT:8305 CAS: 1218-34-4 MW: 246.29 MOLFM: C13-H14-N2-O3
SYN: ACETYL-L-TRP * ACETYLTRYPTOPHAN * ACETYL-L-TRYPTOPHAN * N-ACETYLTRYPTOPHAN * N-ACETYL-L-TRYPTOPHAN * (S)-N-ACETYLTRYPTOPHAN * AC-TRY * L-TRYPTOPHAN, N-ACETYL (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T35 orl-rat TDLo:55 gm/kg (7-17D preg) IYKEDH 11,690,80
1T46 orl-rat TDLo:27500 mg/kg (7-17D preg) IYKEDH 11,690,80
2T31T83 ipr-rat TDLo:1650 mg/kg (7-17D preg) IYKEDH 11,690,80
1T12 ipr-rat TDLo:3300 mg/kg (7-17D preg) IYKEDH 11,690,80
1T87 ipr-rat TDLo:4050 mg/kg (17-22D preg/21D post) IYKEDH 11,713,80
1T46 ipr-rat TDLo:8100 mg/kg (17-22D preg/21D post) IYKEDH 11,713,80
1T46 ivn-rbt TDLo:13 gm/kg (6-18D preg) IYKEDH 11,735,80
TOXICITY DATA AND REFERENCES:
3F07J24U26 orl-rat LD50:15000 mg/kg IYKEDH 11,635,80
3F07L30U26 ipr-rat LD50:3900 mg/kg IYKEDH 11,635,80
3F07J24U26 orl-mus LD50:10800 mg/kg IYKEDH 11,635,80
3F07L30U26 ipr-mus LD50:3580 mg/kg IYKEDH 11,635,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

L-TRYPTOPHAN, N-ACETYL- (9CI) see: YN6160000

YN6460000 D-TRYPTOPHAN, N-(N-ACETYL-D-PHENYLALANYL)-
UPDT:8406 MW: 393.48 MOLFM: C22-H23-N3-O4
SYN: N-(N-ACETYL-D-PHENYLALANYL)-D-TRYPTOPHAN
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:300 mg/kg GWXXBX #2901667

YN6465000 D-TRYPTOPHAN, N-(N-ACETYL-D-PHENYLALANYL)-, METHYL ESTER
UPDT:8406 MW: 407.51 MOLFM: C23-H25-N3-O4
SYN: N-(N-ACETYL-D-PHENYLALANYL)-D-TRYPTOPHAN METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:300 mg/kg GWXXBX #2901667

YN6470000 D-TRYPTOPHANAMIDE, N(sup alpha)-(N-ACETYL-D-PHENYLALANYL)-
UPDT:8406 MW: 392.50 MOLFM: C22-H24-N4-O3
SYN: N(sup alpha)-(N-ACETYL-D-PHENYLALANYL)-D-TRYPTOPHANAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:300 mg/kg GWXXBX #2901667

YN6475000 D-TRYPTOPHANAMIDE, N(sup alpha)-D-PHENYLALANYL-
UPDT:8406 MW: 350.46 MOLFM: C20-H22-N4-O2
SYN: N(sup alpha)-D-PHENYLALANYL-D-TRYPTOPHANAMIDE
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:300 mg/kg GWXXBX #2901667

YN6480000 TRYPTOPHAN, 2-((2-AMINO-2-CARBOXYETHYL)THIO)-, mixed with SODIUM NITRITE
UPDT:8402 MW: 391.39 MOLFM: C14-H16-N3-O4-S . N-Na-O2
SYN: 2-(2-AMINO-2-CARBOXYETHYLTHIO)TRYPTOPHAN mixed with SODIUM NITRITE * SODIUM NITRITE mixed with 2-(2-AMINO-2-CARBOXYETHYLTHIO)TRYPTOPHAN
MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate MUREAV 111,33,83

Reaction mixture of L-TRYPTOPHAN and L-ASCORBIC ACID see: CI7671320

YN6670000 TRYPTOPHAN, N-((p-(CARBOXYAMINO)PHENYL)SULFONYL)-, p'-METHYL ESTER, DL-
UPDT:8312 MW: 416.46 MOLFM: C19-H18-N3-O6-S
SYN: DL-N-((p-(CARBOXYAMINO)PHENYL)SULFONYL)TRYPTOPHAN p'-METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:1300 mg/kg PCJOAU 16,520,82

YN6672000 TRYPTOPHAN, N-((p-(CARBOXYAMINO)PHENYL)SULFONYL)-, p'-METHYL ESTER, L-
UPDT:8312 MW: 416.46 MOLFM: C19-H18-N3-O6-S
SYN: L-N-((p-(CARBOXYAMINO)PHENYL)SULFONYL)TRYPTOPHAN p'-METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:1300 mg/kg PCJOAU 16,520,82

YN6675000 TRYPTOPHAN, N-((p-(CARBOXYAMINO)PHENYL)SULFONYL)-, p'-METHYL ESTER, compd. with 2-AMINOETHANOL, DL-
UPDT:8312 MW: 478.57 MOLFM: C21-H26-N4-O7-S
SYN: DL-N-((p-(CARBOXYAMINO)PHENYL)SULFONYL)TRYPTOPHAN p'-METHYL ESTER compd. with 2-AMINOETHANOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:1300 mg/kg PCJOAU 16,520,82

YN6676000 TRYPTOPHAN, N-((p-(CARBOXYAMINO)PHENYL)SULFONYL)-, p'-METHYL ESTER, compd. with 2-AMINOETHANOL, L-
UPDT:8312 MW: 478.57 MOLFM: C21-H26-N4-O7-S
SYN: L-N-((p-(CARBOXYAMINO)PHENYL)SULFONYL)TRYPTOPHAN p'-METHYL ESTER compd. with 2-AMINOETHANOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:1300 mg/kg PCJOAU 16,520,82

TRYPTOPHANE see: YN6130000
L-TRYPTOPHANE see: YN6130000

YN7000000 TRYPTOPHAN, 5-HYDROXY-
UPDT:8307 CAS: 56-69-9 MW: 220.25 MOLFM: C11-H12-N2-O3
SYN: 5-HTP * HYDROXYTRYPTOPHAN * 5-HYDROXYTRYPTOPHAN * 5-HYDROXYTRYPTOPHANE * 5-HYDROXYTRYTOPHAN * NCI-C56644 * USAF CB-96
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T21 ipr-rat TDLo:30 mg/kg (1D male) ANENAG 24(Suppl 3),1,63
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:200 mg/kg NTIS** AD277-689
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CLPTAT 5,480,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YN7110000 TRYPTOPHAN, 5-HYDROXY-, L-
UPDT:8407 CAS: 4350-09-8 MW: 220.25 MOLFM: C11-H12-N2-O3
SYN: L-5-HTP * 5-HYDROXY-L-TRYPTOPHAN * L-5-HYDROXYTRYPTOPHAN * L-TRYPTOPHAN, 5-HYDROXY-, (9CI)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 orl-rat TDLo:20 gm/kg (26W male) IYKEDH 6,307,75
3T26T19U01 orl-rat TDLo:700 mg/kg (7-13D preg) IYKEDH 6,356,75
3T34T35T46 orl-rat TDLo:700 mg/kg (7-13D preg) IYKEDH 6,356,75
3T42T46T53 orl-rat TDLo:3 gm/kg (6-15D preg) TJADAB 27,85A,83
3T25T34T59 orl-rat TDLo:3 gm/kg (6-15D preg) NTIS** PB83-231332
3T26T19U01 orl-mus TDLo:2100 mg/kg (7-13D preg) IYKEDH 6,356,75
2T34T35 orl-mus TDLo:2100 mg/kg (7-13D preg) IYKEDH 6,356,75
1T46 orl-mus TDLo:700 mg/kg (7-13D preg) IYKEDH 6,356,75
TOXICITY DATA AND REFERENCES:
3D17F11F12 orl-rat LD50:292 mg/kg IYKEDH 6,307,75
3D17F11F12 ipr-rat LD50:102 mg/kg IYKEDH 6,307,75
3D17F11F12 scu-rat LD50:149 mg/kg IYKEDH 6,307,75
3D17F11F12 ivn-rat LD50:27 mg/kg IYKEDH 6,307,75
3D17F11F12 orl-mus LD50:1708 mg/kg IYKEDH 6,307,75
3D17F11F12 ipr-mus LD50:298 mg/kg IYKEDH 6,307,75
3D17F11F12 scu-mus LD50:418 mg/kg IYKEDH 6,307,75
3D17F11F12 orl-rbt LD50:285 mg/kg IYKEDH 6,307,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

L-TRYPTOPHAN, 5-HYDROXY-, (9CI) see: YN7110000
TRYPTOPHAN P2 see: UU9354000
TRYPTOPHAN P1 see: UU9351900

YN7405500 D-TRYPTOPHAN, N-D-PHENYLALANYL-
UPDT:8406 MW: 351.44 MOLFM: C20-H21-N3-O3
SYN: N-D-PHENYLALANYL-D-TRYPTOPHAN
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:300 mg/kg GWXXBX #2901667

YN7405600 D-TRYPTOPHAN, N-L-PHENYLALANYL-
UPDT:8406 CAS: 66421-20-3 MW: 351.44 MOLFM: C20-H21-N3-O3
SYN: TRYPTOPHAN, N-(3-PHENYL-L-ALANYL)-, D-
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:300 mg/kg GWXXBX #2901667

YN7405700 L-TRYPTOPHAN, N-D-PHENYLALANYL-
UPDT:8406 MW: 351.44 MOLFM: C20-H21-N3-O3
SYN: N-D-PHENYLALANYL-L-TRYPTOPHAN
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:300 mg/kg GWXXBX #2901667

YN7405800 L-TRYPTOPHAN, N-L-PHENYLALANYL-
UPDT:8406 CAS: 24587-41-5 MW: 351.44 MOLFM: C20-H21-N3-O3
SYN: PHENYLALANYLTRYPTOPHAN * TRYPTOPHAN, N-(3-PHENYL-L-ALANYL)-, L-
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:300 mg/kg GWXXBX #2901667

TRYPTOPHAN, N-(3-PHENYL-L-ALANYL)-, D- see: YN7405600
TRYPTOPHAN, N-(3-PHENYL-L-ALANYL)-, L- see: YN7405800
N-D-TRYPTOPHYLAMPHOTERICIN B METHYL ESTER see: BU2840000

YN7506000 D-TRYPTOPHAN, N-D-PHENYLALANYL-, METHYL ESTER
UPDT:8406 MW: 365.47 MOLFM: C21-H23-N3-O3
SYN: N-D-PHENYLALANYL-D-TRYPTOPHAN METHYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:300 mg/kg GWXXBX #2901667

TRYPURE see: YN5075000
TRYSBEN see: DH7700000
TRYSBEN 200 see: DH7700000
TS2 see: AK0920000
TS 160 see: YE2625000
TS-160 see: YE2800000
TS 219 see: TC2275000
TS-0822 see: CB9860000
TS 1100 see: KV0350000
TSAA 291 see: KG7963000
T.S.A.G. see: CC7900000
TSA-HP see: XT6300000
TSA-MH see: XT6300000
TSAPOLAK 964 see: QW0970000
TSC see: VT4200000
TSELATOX see: AF9557000
TSERENOX see: DH6125000
T-SERP see: ZG0350000
TSH see: XP3581600
TSIDIAL see: AI7875000
TSIKLAMID see: YR7350000
TSIKLODOL see: TN2625000
TSIKLOMETIAZID see: DK8750000
TSIKLOMITSIN see: QI8750000
TSIM see: NI8700000
TSIMAT see: ZH0525000
TSINEB (Russian) see: ZH3325000
TSIPROMAT (Russian) see: ZH4950000
TSIRAM (Russian) see: ZH0525000
TSITREX see: MF1750000
TSIZP 34 see: YU2800000
TSLT see: AF9557000
2,4,5-T SODIUM see: AJ8650000
TSP see: TC9490000
TSPA see: SZ2975000
TSPG see: AY6908000
TSPP see: UX7350000
TST see: AH5075000
TSUDOHMIN see: AG6330000
TSUMACIDE see: FC8050000
TSUMACIDE, nitrosated (Japanese) see: FC6631000
TTB7 see: XF8225000
TTCA see: CH9000000
TTD see: JO1225000
TTD see: JO1400000
TTFD see: LQ0750000
TTH see: XP3581600
T-2 TOXIN see: YD0100000
L-TTP see: YN6130000
TTS see: JO1225000
T (sub 2)-TRICHOTHECENE see: YD0100000
TTT see: XY9470000
TTX see: IO1450000
TU see: YR1575000
2-TU see: YR1575000
TUADS see: JO1400000
TUADS, ETHYL see: JO1225000
TUAMINE see: MQ5425000
TUAMINE SULFATE see: MQ5600000
TUAMINOHEPTANE see: MQ5425000
TUAMINOHEPTANE SULFATE see: MQ5600000
TUAREG see: ZG0700000
TUASAL 100 see: VN8925000
TUASOL 100 see: VN8925000
TUAZOLE see: VA3850000
TUAZOLONE see: VA3850000
TUBADIL see: YO4900000
TUBARINE see: YO4900000
TUBA ROOT see: HG4725000 DERRIS
TUBATOXIN see: DJ2800000
TUBAZID see: NS1750000
TUBAZIDE see: NS1750000
TUBECO see: NS1750000
TUBERACTIN HYDROCHLORIDE see: YO3375000
TUBERACTINOMYCIN B see: ZA3900000

YO3375000 TUBERACTINOMYCIN HYDROCHLORIDE
UPDT:8403 CAS: 69551-90-2
SYN: TUBERACTIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:385 mg/kg MEIEDD 10,1400,83
* ims-mus LD50:1240 mg/kg MEIEDD 10,1400,83

TUBERACTINOMYCIN N see: ZA3930000

YO3376500 TUBERACTINOMYCIN N, HYDROCHLORIDE
UPDT:8405 MW: 722.27 MOLFM: C25-H43-N13-O10 Cl-H
SYN: ENVIOMYCIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:285 mg/kg MEIEDD 10,519,83
* ims-mus LD50:1240 mg/kg MEIEDD 10,519,83

TUBERCAZON see: AE3850000
TUBERCID see: NS1750000
TUBERCIDIN see: UY8870000
TUBERACTIN see: ZA3930000
TUBEREX see: NS0650000
TUBERIAN see: NS1750000
TUBERIT see: FD9100000
TUBERITE see: FD9100000
TUBERMIN see: NS0350000

YO3580000 TUBERMYCIN A
DEF: An antibiotic produced by S. MISAKIENSIS (85FZAT -,667,67)
UPDT:8309 MW: 280.35 MOLFM: C17-H16-N2-O2
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:160 mg/kg 85FZAT -,667,67

TUBEROID see: NS0350000

YO3620000 TUBEROSIN-I
DEF: Isolated from SOLANUM TUBERSUM (85GDA2 8(Pt 1),108,82)
UPDT:8309
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:50 mg/kg 85GDA2 8(1),108,82

TUBEROSON see: NS0350000
TUBEX see: GM7900000
TUBICON see: NS1750000
TUBIGAL see: AE3850000
TUBIN see: AE3850000
TUBOCIN see: VJ7000000
TUBOCURARANIUM, 7',12'-DIHYDROXY-6,6'-DIMETHOXY-2,2',2'-TRIMETHYL-, CHLORIDE, d- see: YO4900000
TUBOCURARANIUM, 7'-HYDROXY-6,6',12'-TRIMETHOXY-2,2,2',2'-TETRAMETHYL-, DICHLORIDE, (1'-alpha) see: MH0405000
TUBOCURARIN see: YO4025000
TUBOCURARINE see: YO4025000
TUBOCURARINE see: YO4900000

YO4025000 TUBOCURARINE, (+)-
UPDT:8408 CAS: 57-95-4 MW: 624.84 MOLFM: C38-H44-N2-O6
SYN: TUBOCURARIN * TUBOCURARINE * (+)-TUBOCURARINE * d-TUBOCURARINE * D-TUBOCURARINE
TOXICITY DATA AND REFERENCES:
scu-mus LD50:560 ug/kg AIPTAK 152,277,64
* ipr-rat LD50:210 ug/kg TXAPA9 14,67,69
2C08Y01 ipr-mus LD50:410 ug/kg AIPTAK 153,308,65
1C08 ivn-mus LD50:130 ug/kg ARZNAD 15,130,65
1E15 unk-mus LD50:450 ug/kg PCJOAU 2,117,68

ivn-dog LD50:500 ug/kg AIPTAK 80,172,49
ivn-rbt LD50:20 ug/kg RISSAF 13,339,50
* ivn-ckn LD50:700 ug/kg AIPTAK 122,152,59

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: MIANAP 46,387,80
(+)-TUBOCURARINE see: YO4025000
d-TUBOCURARINE see: YO4025000
D-TUBOCURARINE see: YO4025000
TUBOCURARINE CHLORIDE see: YO4900000
(+)-TUBOCURARINE CHLORIDE see: YO4900000
d-TUBOCURARINE CHLORIDE see: YO4900000
TUBOCURARINE, CHLORIDE, HYDROCHLORIDE, (+)- (8Cl) see: YO4900000

YO4900000 TUBOCURARINE, DICHLORIDE, (+)-
UPDT:8412 CAS: 57-94-3 MW: 695.74 MOLFM: C38-H44-N2-O6 .2Cl
SYN: AMERIZOL * CURARIN-HAF * DELACURARINE * DEXTROTUBOCURARINE CHLORIDE * d-7',12'-DIHYDROXY-6,6'-DIMETHOXY-2,2',2'-TRIMETHYLTUBOCURARANIUM CHLORIDE * INTOCOSTRIN * INTOCOSTRINE T * d-PARACURARINE CHLORIDE * TUBADIL * TUBARINE * TUBOCURARANIUM 7',12'-DIHYDROXY-6,6'-DIMETHOXY-2,2',2'-TRIMETHYL-, CHLORIDE, d- * TUBOCURARINE * TUBOCURARINE CHLORIDE * TUBOCURARINE, CHLORIDE, HYDROCHLORIDE, (+)- (8Cl) * (+)-TUBOCURARINE CHLORIDE * d-TUBOCURARINE CHLORIDE * d-TUBOCURARINE DICHLORIDE * TUBOCURARINE HYDROCHLORIDE * (+)-TUBOCURARINE HYDROCHLORIDE * d-TUBOCURARINE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:
orl-rat LD50:28 mg/kg PSEBAA 120,511,65
3F18J25J30 ipr-rat LD50:340 ug/kg OYYAA2 9,117,75
3F18J25J30 scu-rat LD50:310 ug/kg OYYAA2 9,117,75
3F18J25J30 ivn-rat LD50:66 ug/kg OYYAA2 9,117,75
orl-mus LD50:33 mg/kg PSEBAA 120,511,65
3C08F13J22 ipr-mus LD50:541 ug/kg JJPAAZ 20,246,70
3F18J25J30 scu-mus LD50:640 ug/kg OYYAA2 9,117,75
* ivn-mus LD50:97 ug/kg AIPTAK 109,191,57
3F18J25J30 ivn-rbt LD50:190 ug/kg OYYAA2 9,117,75
ivn-gpg LD50:66 ug/kg JLCMAK 34,516,49

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
d-TUBOCURARINE DICHLORIDE see: YO4900000
TUBOCURARINE HYDROCHLORIDE see: YO4900000
(+)-TUBOCURARINE HYDROCHLORIDE see: YO4900000
d-TUBOCURARINE HYDROCHLORIDE see: YO4900000
TUBOMEL see: NS1750000
TUBOPHAN see: DG9400000
TUBOTHANE see: OP0700000
TUBOTIN see: WH6650000
TUBOTIN see: WH8575000
TU CILLIN see: XH9700000
TUEX see: JO1400000
TUFF-LITE see: UD1842000
TUFREX see: AT6970000
TUFREX 410 see: AT6970000
TUFREX 761 see: AT6970000
TUGON see: TA0700000
TUGON FLIEGENKUGEL see: FC3150000
TUGON FLY BAIT see: TA0700000
TUGON STABLE SPRAY see: TA0700000
TULABASE FAST GARNET GB see: XU8800000
TULABASE FAST GARNET GBC see: XU8800000
TULABASE FAST RED TR see: XU5000000
TULADISPERSE FAST YELLOW 2G see: AC3662000
TULISAN see: JO1400000
TULOBUTEROL HYDROCHLORIDE see: DN8785000
TULUYLENDIISOCYANAT (German) see: CZ6300000
TULYL see: TY8400000
TUM see: ZA3930000
TUMBLEAF see: FO0525000
TUMESCAL OPE see: DV5775000
TUMEX see: VC4200000
TUNG OIL TREE EXTRACT see: AZ4660000

YO7175000 TUNGSTEN
UPDT:8411 CAS: 7440-33-7 MW: 183.85 MOLFM: W
SYN: WOLFRAM

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T46 orl-rat TDLo:1210 ug/kg (35W pre) GISAAA 42(8),30,77

TOXICITY DATA AND REFERENCES:
* unk-rat LD50:2 gm/kg GISAAA 48(7),71,83

REVIEW AND REFERENCES:
★ TLV-TWA 1 mg/m3; STEL 3 mg/m3 DTLVS* 4,421,80
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO TUNGSTEN recm std-air:TWA 5 mg(W)/m3 NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7074 and 7300
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
TUNGSTEN ANTIMONATE see: CC3068000

YO7250000 TUNGSTEN CARBIDE
UPDT:8412 CAS: 12070-12-1 MW: 195.86 MOLFM: C-W
SYN: NCI C61198 * TUNGSTEN MONOCARBIDE
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO TUNGSTEN recm std-air:TWA 5 mg(W)/m3 NTIS**

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983

YO7350000 TUNGSTEN CARBIDE, mixed with COBALT (85%:15%)
UPDT:8212 CAS: 11107-01-0
SYN: BK15

TOXICITY DATA AND REFERENCES:
itr-rat LDLo:50 mg/kg NTIS** AEC-TR-6710

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CEMENTED TUNGSTEN CARBIDE recm std-air:TWA 0.1 mg(Co)/m3 NTIS**

YO7525000 TUNGSTEN CARBIDE, mixed with COBALT (92%:8%)
UPDT:8212 CAS: 12718-69-3
SYN: BK8

TOXICITY DATA AND REFERENCES:
itr-rat LDLo:75 mg/kg NTIS** AEC-TR-6710

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CEMENTED TUNGSTEN CARBIDE recm std-air:TWA 0.1 mg(Co)/m3 NTIS**

YO7700000 TUNGSTEN CARBIDE, mixed with COBALT and TITANIUM (78%:14%:8%)
UPDT:8212 CAS: 37329-49-0
SYN: T14K8

TOXICITY DATA AND REFERENCES:
itr-rat LDLo:75 mg/kg NTIS** AEC-TR-6710

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ug(Co)/m3 (fume and dust) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CEMENTED TUNGSTEN CARBIDE recm std-air:TWA 0.1 mg(Co)/m3 NTIS**

YO7720000 TUNGSTEN FLUORIDE
UPDT:8401 CAS: 7783-82-6 MW: 297.85 MOLFM: F6-W
SYN: TUNGSTEN HEXAFLUORIDE (DOT) * UN 2196 (DOT)

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
★ DOT-IMO:POISON A; LABEL:POISON GAS CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
TUNGSTEN HEXAFLUORIDE (DOT) see: YO7720000
TUNGSTEN MONOCARBIDE see: YO7250000

YO7757000 TUNGSTEN-NICKEL CATALYST DUST
DEF:Composed of 50% TUNGSTIC OXIDE, 24% NICKEL OXIDE, and 24% SULFUR (NTIMBF 115,30,72)
UPDT:8406

TOXICITY DATA AND REFERENCES:
3J06J08J30 orl-rat LD50:4000 mg/kg NTIMBF 115,30,72
3J06J08J30 itr-rat LDLo:120 ug/kg NTIMBF 115,30,72
3J06J08J30 orl-mus LD50:2150 mg/kg NTIMBF 115,30,72
TUNGSTEN STILBONATE see: CC3068000

YO7875000 TUNGSTIC ACID, DISODIUM SALT
UPDT:8405 CAS: 13472-45-2 MW: 293.83 MOLFM: O4-W .2Na
SYN: SODIUM TUNGSTATE

MUTATION DATA AND REFERENCES:
pic-esc 5 mmol/L ENMUDM 6,59,84
mmo-smc 100 mmol/L MUREAV 117,149,83
mrc-smc 100 mmol/L MUREAV 117,149,83

TOXICITY DATA AND REFERENCES:
orl-rat LD50:1190 mg/kg HYSAAV 31(8),197,66
scu-rat LD50:285 mg/kg EQSSDX 1,1,75
orl-mus LD50:240 mg/kg HYSAAV 31(8),197,66
scu-dog LDLo:166 mg/kg EQSSDX 1,1,75
2H02J25 ivn-cat LD50:139 mg/kg AGSOA6 8,51,67
orl-rbt LD50:875 mg/kg HYSAAV 31(8),197,66
scu-rbt LDLo:92 mg/kg EQSSDX 1,1,75
orl-gpg LD50:1152 mg/kg HYSAAV 31(8),197,66
scu-gpg LDLo:960 mg/kg EQSSDX 1,1,75
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO TUNGSTEN recm std-air:TWA 1 mg(W)/m3 NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YO7900000 TUNGSTIC ACID, SODIUM SALT, DIHYDRATE
UPDT:8406 CAS: 53125-86-3 MW: 329.87 MOLFM: O4-W .2Na .2H2-O
SYN: SODIUM TUNGSTATE DIHYDRATE

MUTATION DATA AND REFERENCES:
cyt-hmn:lym 10 mg/L CYGEDX 12(3),46,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ivn-mus TDLo:330 gm/kg (8D preg) ENVRAL 33,47,84

TOXICITY DATA AND REFERENCES:
2F07F24 ipr-rat LD50:204 mg/kg AIPTAK 154,243,65
2F07F24 ipr-mus LD50:145 mg/kg AIPTAK 154,243,65
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO TUNGSTEN recm std-air:TWA 1 mg(W)/m3 NTIS**

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
TUNGSTOPHOSPHORIC ACID, SODIUM SALT see: TH5775000
TUNIC see: RO0835000

YO7980200 TUNICAMYCIN
UPDT:8402 CAS: 11089-65-9

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T27 par-mus TDLo:500 ug/kg (6D preg) TJADAB 28,13A,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
TUNOL see: GG8385000
TUPHETAMINE see: SI1400000
TUR see: BP5250000
TURATAI EXTRACT (Indian) see: EX8720000
TURBACIL see: YQ9360000
TURBINAIRE see: TU4056000
TURCAM see: FC1140000
TURF-CAL see: CG0830000
3336 TURF FUNGICIDE see: BA3A50000
TURGEX see: SM0700000

YO8227000 TURIMYCIN
UPDT:8308 CAS: 39405-35-1
SYN: ANTIBIOTIC A 6599 * ANTIBIOTIC JA 6599

TOXICITY DATA AND REFERENCES:
ipr-rat LD50:711 mg/kg ARTODN (Suppl 1),235,78
orl-mus LD50:4965 mg/kg PHARAT 34,340,79
ipr-mus LD50:668 mg/kg ARTODN (Suppl 1),235,78
ivn-mus LD50:320 mg/kg PHARAT 34,340,79
ivn-dog LD50:200 mg/kg PHARAT 34,340,79
TURIMYCIN P(sub 3) see: OH4730600
TURINABOL see: BV8380900 ANDROST-4-EN-3-ONE, 4-CHLORO-17-beta-HYDROXY-, ACETATE
TURINAL see: KG7960000
TURISYNCHRON see: EC1490000
TURKEY RED see: CB6580000
TURKISH ROSE OIL see: RJ3360000
TURMERIC rhizome extract see: GS3774070 CURCUMA LONGA Linn., rhizome extract
TURMERIC OIL see: GS3777000
TURMERIC OLEORESIN see: GS3777000

YO8390000 TURNERA ULMIFOLIA Linn., extract
DEF:Indian plant belonging to the family TURNERIACEAE (IJEBA6 12,512,74)
UPDT:8302

TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:80 mg/kg IJEBA6 12,512,74

BEST COPY

YO8391000 TURNERA ULMIFOLIA, wood extract
UPDT 8307
TOXICITY DATA AND REFERENCES:
1D35 ipr-mus LD50:250 mg/kg CPBTAL 13,882,65

YO8400000 TURPENTINE
UPDT 8408 CAS: 8006-64-2
SYN: OIL of TURPENTINE * OIL of TURPENTINE, RECTIFIED * SPIRIT of TURPENTINE * SPIRITS of TURPENTINE * TEREBENTHINE (French) * TERPENTIN OEL (German) * TURPENTINE (DOT) * TURPENTINE OIL * TURPENTINE OIL, RECTIFIER * TURPENTINE STEAM DISTILLED * UN 1299 (DOT)
IRRITATION DATA AND REFERENCES:
eye-hmn 175 ppm JIHTAB 25,282,43
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:240 gm/kg/20W-I CNREA8 19,413,59
TOXICITY DATA AND REFERENCES:
orl-inf LDLo:1748 mg/kg ADCHAK 28,475,53
1F25 orl-inf TDLo:874 mg/kg ADCHAK 28,475,53
1M30 orl-wmn TDLo:560 mg/kg ADCHAK 28,475,53
3D07D25J30 ihl-hmn TCLo:175 ppm JIHTAB 25,282,43
3D35F08F27 ihl-hmn TCLo:6 gm/m3/3H AHYGAJ 83,239,14
unk-man LDLo:441 mg/kg 85DCAI 2,73,70
orl-rat LD50:5760 mg/kg PHARAT 14,435,59
ihl-mus LD50:600 ug/kg TXAPA9 6,360,64
ivn-mus LD50:1180 ug/kg TXAPA9 6,360,64
* ihl-gpg LCLo:16 gm/m3/1H 85GMAT -,119,82
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: BLFSBY 24,253,83
★ TLV-TWA 100 ppm; STEL 150 ppm DTLVS* 4,422,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm (SCP-G) FEREAC 39,23540,74
★ DOT-HAZARD:COMBUSTIBLE LIQUID; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1551
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

TURPENTINE CAMPHOR see: ED6190000 BORNANE, 2-CHLORO-, endo-
TURPENTINE (DOT) see: YO8400000
TURPENTINE OIL see: YO8400000
TURPENTINE OIL, RECTIFIER see: YO8400000
TURPENTINE STEAM DISTILLED see: YO8400000
TURPETH MINERAL see: OW8810000

YO8680000 TURPINIA NEPALENSIS Wall., extract excluding roots
DEF:Indian plant belonging to the family STAPHYLEACEAE (IJEBA6 12,512,74)
UPDT 8302
TOXICITY DATA AND REFERENCES:
3H30J30U26 ipr-mus LD50:500 mg/kg IJEBA6 12,512,74

TUSARRA EXTRACT (Indian) see: HD0500000
TUSILAN see: QD0222000
TUSSADE see: QD0222000
TUSSAL see: MJ6130000
TUSSAPAP see: AE4200000
TUSSAPHED see: UL5950000
TUSSCAPINE see: RD2625000
TUSSCAPINE HYDROCHLORIDE see: NP7225000
TUSSILAGO FARFARA L see: GJ9880000
TUTANE see: EO3325000
TUTOCAINE see: EL2580000
TUTOCAINE HYDROCHLORIDE see: EL2625000
TUTOFUSIN TRIS see: TY2900000
TUZET see: EZ9680000
TV 485 see: CB4400000
825TV see: WL6475000
TV 1322 see: NL3521400

YO9105340 TVOPA
UPDT 8308 CAS: 39409-64-8
SYN: TRIS BIS-BIFLUOROAMINO DIETHOXY PROPANE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FORBIDDEN CFRGBR 49,172.101,82

825TV-PS see: WL6475000
TVX 485 see: CB4400000
T-WD602 see: KJ3975000
TWEEN 20 see: WG2931000
TWEEN 20 see: TR7400000
TWEEN 40 see: WG2933000
TWEEN 60 see: WG2934000
TWEEN 65 see: WG2934600
TWEEN 80 see: WG2932500
TWIN LIGHT RAT AWAY see: GN4550000
TWORSING EXTRACT (Indian) see: WV8060000
TWSb see: JO6150000
TWSb/6 see: JO6150000
Tx 1 see: BQ2034100
Tx 2 see: BR5778030
Tx 3 see: BQ2034700
Tx 4 see: BP8051700
Tx 5 see: BR5190000
TX 066 see: RC8899200
TX 100 see: MD0907700
TYBRENE see: AT6970000
TYBRENE 27 see: AT6970000
TYBRENE 217 see: AT6970000
TYBRENE 500 see: AT6970000
TYCLAROSOL see: AH5075000
TYDEX see: SI1400000
TYGON see: AK0950000
TYLAN see: YP0875000
TYLAN see: YP0350000
TYLANDRIL see: ZG0350000
TYLEMALUM see: CQ2311000
TYLENOL see: AE4200000
TYLOROL LT 50 see: WT1000000
TYLOSE 444 see: FJ5959000
TYLOSE 666 see: FJ5950000
TYLOSE A4S see: FJ5959000
TYLOSE C 30 see: FJ5950000
TYLOSE C 300 see: FJ5950000
TYLOSE C 600 see: FJ5950000
TYLOSE CB 200 see: FJ5950000
TYLOSE CBR 400 see: FJ5950000
TYLOSE CBS 30 see: FJ5950000
TYLOSE CBS 70 see: FJ5950000
TYLOSE C 1000P see: FJ5950000
TYLOSE CR 50 see: FJ5950000
TYLOSE DKL see: FJ5950000
TYLOSE MF see: FJ5959000
TYLOSE MH see: FJ5959000
TYLOSE MH20 see: FJ5959000
TYLOSE MH50 see: FJ5959000
TYLOSE MH300 see: FJ5959000
TYLOSE MH1000 see: FJ5959000
TYLOSE MH2000 see: FJ5959000
TYLOSE MH300P see: FJ5959000
TYLOSE SAP see: FJ5959000
TYLOSE SL see: FJ5959000
TYLOSE SL 100 see: FJ5959000
TYLOSE SL 400 see: FJ5959000
TYLOSE SL 600 see: FJ5959000
TYLOSE TWA see: FJ5959000

YP0350000 TYLOSIN
UPDT 8412 CAS: 1401-69-0 MW: 904.23 MOLFM: C45-H77-N-O17
SYN: TIROSIEN (Australian) * TYLAN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:10 gm/kg 85GDA2 2,135,80
2F07F12 ipr-mus LD50:594 mg/kg FCTXAV 4,1,66
* ivn-mus LD50:400 mg/kg 85FZAT -,669,67
2L30M30 orl-ckn LDLo:2122 mg/kg AAGAAW -,595,60

YP0525000 TYLOSIN, HYDROCHLORIDE
UPDT 8305 CAS: 11032-12-5 MW: 940.69 MOLFM: C45-H77-N-O17 Cl-H
TOXICITY DATA AND REFERENCES:
2F07F12 ivn-mus LD50:582 mg/kg FCTXAV 4,1,66
2F07F12 ivn-gpg LD50:4 mg/kg FCTXAV 4,1,66

TYLOSIN, LACTATE (1:1) see: OD6475000

YP0875000 TYLOSIN, TARTRATE
UPDT 8305 CAS: 1405-54-5 MW: 1054.33 MOLFM: C45-H77-N-O17 C4-H6-O6
SYN: TYLAN
TOXICITY DATA AND REFERENCES:
2F07F12 ivn-rat LD50:695 mg/kg FCTXAV 4,1,66
2F07F12 scu-mus LD50:1354 mg/kg FCTXAV 4,1,66
2F07F12 ivn-mus LD50:589 mg/kg FCTXAV 4,1,66
2L30M30 orl-ckn LD50:5400 mg/kg AAGAAW -,595,60
2L30M30 ivn-ckn LD50:58600 ug/kg AAGAAW -,595,60
2L30M30 ims-ckn LD50:432 mg/kg AAGAAW -,595,60

TYLOSTERONE see: WJ5600000
TYLOXAPOL see: SM9750000
TYLOXYPAL see: SM9750000
TYMTRAN see: EV5700000
TYOX B see: UF8000000

YP1138000 TYPHA ANGUSTATA Bory & Chaub, extract
DEF:Indian plant belonging to the family TYPHACEAE (IJEBA6 16,228,78)
UPDT 8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:250 mg/kg IJEBA6 16,228,78

TYPOGEN BROWN N see: ST2900000
TYPOGEN CARMINE see: QM2850000
TYRAMINE MONOCHLORIDE see: SJ6050000
TYRANTON see: SA9100000
(TYR(sup 18))APAMIN see: CD6910000 APAMIN, OCTADECATYROSIN-YL-
(sup 18)-TYRAPAMIN see: CD6910000 APAMIN, OCTADECATYROSIN-YL-
TYRAZOL see: NJ2441000
TYRI 10 see: YP2975000
TYRIL see: AT6978000
TYRIL 760 see: AT6978000
TYRIL 767 see: AT6978000
TYRIL 780 see: AT6978000
TYRIL 783 see: AT6978000
TYRIL 790 see: AT6978000
TYRIL 860 see: AT6978000
TYRIL 867 see: AT6978000
TYRILFOAM see: AT6978000
TYRIMIDE see: BP0693200
TYRIN see: TQ3325000
TYRION YELLOW see: HO7030000
TYROCIDINE see: YP1925000

YP1925000 TYROCIDINE A, 3-L-PHENYLALANINE-
UPDT 8303 CAS: 19659-41-7 MW: 1254.66 MOLFM: C66-H87-N13-O12
SYN: TYROCIDINE
MUTATION DATA AND REFERENCES:
dnr-bcs 100 uL/disc MUREAV 97,1,82
dnd-omi 80 mg/L NATUAS 249,757,74
dnd-mam:lym 80 mg/L NATUAS 249,757,74
TOXICITY DATA AND REFERENCES:
ipr-mus LDLo:35 mg/kg JPETAB 74,75,42
ivn-mus LDLo:1250 ug/kg JPETAB 74,75,42
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADENAE 4,153,44

TYRODERM see: YP2975000

YP2293000 TYROSINE, N-(N(sup 2)-(N(sup 2)-(N-(N(sup 2)-(N(sup 2)-ARGINYL-4-HYDROXYARGINYL)ORNITHYL) THREONYL)ORINTHYL)LYSYL)-
UPDT 8303 CAS: 71478-27-8 MW: 967.31 MOLFM: C41-H74-N16-O11
SYN: ANTIBIOTIC K582M-A * K582M-A
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:120 mg/kg JKXXAF #80-47697

YP2295000 TYROSINE, N-(N(sup 2)-(N(sup 2)-(N-(N(sup 2)-(N(sup 2)-ARGINYL-4-HYDROXYARGINYL)ORNITHYL) THREONYL)ORNITHYL)LYSYL)-, adduct with FORMALDEHYDE and SODIUM SULFONATE
DEF:Prepared by reaction of K582M-A with a 4-fold molar excess of FORMALDEHYDE, followed byreaction of the resulting base with a 4-fold molar excess of SODIUM SULFONATE(JKXXAF #80,47697)
UPDT 8303 MW: 1503.67 MOLFM: C41-H74-N16-O11 .4C-H2-O 4H-Na-O3-S
SYN: ANTIBIOTIC K582M-A adduct with FORMALDEHYDE and SODIUM SULFONATE * ANTIBIOTIC K582M-A SODIUM METHANESULFONATE adduct
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:1100 mg/kg JKXXAF #80-47697

YP2625000 TYROSINE, 3-FLUORO-
UPDT 8406 CAS: 139-26-4 MW: 199.20 MOLFM: C9-H10-F-N-O3
SYN: 3-FLUOROTYROSIN * m-FLUOROTYROSINE * 3-FLUOROTYROSINE * FLUORTHYRIN * 3-FLUORTYROSIN (German) * PARDINON
TOXICITY DATA AND REFERENCES:
orl-man LDLo:143 mg/kg AEPPAE 183,427,36

scu-rat LDLo:12 mg/kg JPETAB 73,176,41
orl-mus LDLo:14 mg/kg AEPPAE 183,427,36
skn-mus LDLo:300 mg/kg AEPPAE 183,427,36
scu-mus LDLo:11 mg/kg AEPPAE 183,427,36
scu-gpg LDLo:8 mg/kg AEPPAE 183,427,36

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IMSUAI 19,535,50

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

L-TYROSINE, 3-HYDROXY- (9CI) see: AY5600000
TYROSINE, O-(4-HYDROXY-3,5-DIIODOPHENYL)-3,5-DIIODO- (9CI) see: XP3582400

YP2833500 L-TYROSINE, O-(4-HYDROXY-3,5-DIIODOPHENYL)-3,5-DIIODO-
UPDT:8408 CAS: 51-48-9 MW: 776.87 MOLFM: C15-H11-I4-N-O4
SYN: LEVOTHYROXINE * L-T4 * T4 * T4 (HORMONE) * TETRAIODOTHYRONINE * THX * THYREOIDEUM * THYROXIN * L-THYROXIN * THYROXINE * (-)-THYROXINE * L-THYROXINE * THYROXINE, l

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T42 orl-rat TDLo:26250 ug/kg (1-21D preg) CRSBAW 145,525,51
1T83 orl-rat TDLo:1400 ug/kg (16-22D preg) ACEDAB 215,73,78
1T25 scu-rat TDLo:450 ug/kg (7-15D preg) TJADAB 17,171,78
1T17 scu-rat TDLo:8160 ug/kg (7D pre-5D post) HRMRA3 6,85,75
1T21 unk-rat TDLo:12 mg/kg (6D male) ANENAG 24(Suppl 3),1,63

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

L-TYROSINE, O-(4-HYDROXY-3,5-DIIODOPHENYL)-3,5-DIIODO-, MONOSODIUM SALT (9CI) see: XP3583000

YP2834100 L-TYROSINE, N-(1-(N-(4-((3-HYDROXY-4-((N-(N-(1-(2-HYDROXY-1-OXOPROPYL)-L-PROLYL)-N-METHYL-L- LEUCYL)-L-THREONYL)AMINO)-6-METHYL-1-OXOHEPTYL)OXY)-2,5-DIMETHYL-1,3-DIOXOHEXYL)-L-LEUCYL)- L-PROLYL)-N,O-DIMETHYL-, phi-LACTONE
UPDT:8408 CAS: 77327-05-0 MW: 1112.53 MOLFM: C57-H89-N7-O15
SYN: DIDEMNIN B

MUTATION DATA AND REFERENCES:
dni-mus:oth 400 ug/L CNREA8 44,1796,84
oms-mus:oth 400 ug/L CNREA8 44,1796,84

L-TYROSINE, O-(4-HYDROXY-3-IODOPHENYL)-3,5-DIIODO- (9CI) see: AY6750000
L-TYROSINE, 3-HYDROXY-alpha-METHYL- (9CI) see: AY5950000
L-TYROSINE, 3-HYDROXY-, METHYL ESTER (9CI) see: AY5960000

YP2907000 L-TYROSINE, mixed with SODIUM NITRITE
UPDT:8403 MW: 250.21 MOLFM: C9-H11-N-O3 . N-Na-O2
SYN: SODIUM NITRITE mixed with L-TYROSINE

MUTATION DATA AND REFERENCES:
mma-sat 1 mg/plate ABCHA6 47,405,83

YP2975000 TYROTHRICIN
UPDT:8403 CAS: 1404-88-2
SYN: BACTRATYCIN * DUBOS CRUDE CRYSTALS * COLTIROT * DERMOTRICINE * HYDROTRICINE * INTRADERM TYROTHRICIN * MARTRICIN * SOLUTHRICIN * SOLUTRICINE * TYR! 10 * TYRODERM * TYROTHRICIN (T)

MUTATION DATA AND REFERENCES:
dnd-esc 25 umol/L MUREAV 89,95,81

TOXICITY DATA AND REFERENCES:
ipr-mus LD50:100 mg/kg ARZNAD 7,98,57
ivn-mus LDLo:1200 ug/kg JPETAB 74,75,42

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADENAE 4,153,44

TYROTHRICIN (T) see: YP2975000
TYVEK see: TQ3325000
TYLOSE MH4000 see: FJ5959000
TYVID see: NS1750000
TYZOR TBT see: XR1585000
dU see: YU7490000
U 1 see: KV0350000
U-1 see: MP8931000
U 02 see: FF5250100
U-14 see: UK8025000
U27 see: TM2648000
U-0045 see: JJ4990000
U 46 see: AG1575000
U 46 see: AG6825000
U 46 see: AJ8400000
U46 see: UF1050000
U 46 see: UE9750000
U-0172 see: UH0947000
U-0177 see: DO5430000
U-197 see: UV8180000
U-0290 see: DG8546500
475U see: WL6475000
U-0575 see: KJ7900000
U625 see: WL6475000
666U see: WL6475000
U-0910 see: UH0953000
U 963 see: YU1610000
U-1149 see: LS9625000
U 1363 see: NK5600000
U-1434 see: ES6825200
U-1804 see: DG5644800
U-2069 see: BX2975000
U-2363 see: DG9096300
U 2397 see: DG9096400
U-3818 see: YS6650000
U-3886 see: VY8050000
U-4224 see: LQ2100000
U 4513 see: AB8050000
U-4527 see: MA4375000
U-4748 see: UO9800000
U-4761 see: BE5950000
U-4783 see: AP0700000
U-4858 see: YN5075000
U 4905 see: GM9015000
U-5043 see: AG6825000
U-5227 see: YT9275000
U-5438 see: BV8151300
U 5446 see: YV7175000
U-5524 see: RH6125000
U 5533 see: TU5074000
U-5897 see: TY4025000
U-5954 see: AB7700000
U 5963 see: TU5025000
U-5965 see: QI9100000
U 6040 see: BV8390000
U-6062 see: AB6825000
U-6233 see: DM1225000
U 6324 see: YU1400000
U-6421 see: LT7700000
U-6591 see: RD5425000
U-6780 see: QI7800000
U 6987 see: YS4200000
U-7118 see: UW7900000
U-7236 see: JJ5006000
U-7257 see: FL7350000
U 7524 see: AF2624000
U-7726 see: ES2450000
U-7743 see: OW0350000
U-8344 see: YQ8925000
U-8741 see: WK5880000
U 8771 see: YT2800000
U-8774 see: US4550000
U 8840 see: TU5300000
U-8953 see: YR0350000
U 9088 see: TU4154060
U-9889 see: LZ5775000
U-10071 see: UY8870000
U-10343 see: TU5401000
U-10,858 see: UV8200000
U-10974 see: TU3832000
U 11100 see: UY0881100
U-11,634 see: RQ2275000
U-12,031 see: AY3170000
U-12062 see: UK8000000
U-12379 see: EY8320000
U 12927 see: FB6825000
U-13,714 see: CB9870000
U 13933 see: CB9870200
U-14583 see: UK8020000
U 14585 see: UK8025000
U 15030 see: YS9800000
U-15167 see: RA4550000
U-15,646 see: UB8810000
U-17004 see: FB8575000
U-17004 see: FB6825000
U 17835 see: YT4400000
U-18120 see: FB3960000
U 18496 see: XZ3017500
U-19183 see: WG5850000
U 19571 see: YR8050000
U-19,646 see: EZ2975000
U-19,920 see: HA5425000
U-20207 see: RO4660800
U-20493 see: EY8350000
U-22023 see: FC5330000
U-22024 see: FC6710000
U-22,550 see: BV8385000
U-22956 see: WM3402000
U-24157 see: EY8300000
U-24973 see: CB0770000 delta-(sup 9(10),gamma)-ANTHRACENEPROPYLAMINE, N,N,10,10-TETRAMETHYL
U 25,352 see: UA9101000
U 25,354 see: UB1400000
U 26,126 see: UC0240000
U 25,792 see: TY4203000
U 25,936 see: UA9170000
U 26452 see: YS4725200
U 26,554 see: SA5900000
U 27,045 see: UA9840000
U-27,415 see: DM6700000
U 27,151 see: UA8600000
U 27,421 see: UB5606000
U 27,462 see: TZ1050000
U 27,574 see: TY4203100
U 27,873 see: UA9812050
U 27,874 see: UB9355200
U 27,967 see: UA9050000
U-28,508 see: GF2625000
U-29,409 see: VA3230000
U-32,104 see: DD6500000
U-33,030 see: KZ5472500
U-36059 see: ZF0480000
U 46619 see: MJ9681090
U 47473 see: UK8020600
U 11100A see: UY0881100
U-11555A see: YE2113400
U 12062A see: UK8008000
U-19920 A see: HA5425000
U-19920A see: HA5500000
U-22,306A see: TM7640000
U-24973A see: CB0875000
U-40481A see: LQ4593400
UBATOL U 2001 see: WL6475000
UBE 10228 see: TQ9800000
UBIDECARENONE see: DK3900000
UBIQUINONE 10 see: DK3900000
UBIQUINONE 50 see: DK3900000
UC 7744 see: FC5950000
UC 8305 see: SY6475000
UC 8,454 see: FC7700000
UC 9880 see: FB8050000
UC 10854 see: FB7875000
UC 19786 see: FF9100000
UC 20047 see: RB7700000
UC-20047 see: RB6962600
UC 20,299 see: AS6475000
UC-21149 see: UE2275000
UC-21865 see: UE2080000
UC22463 see: FB8560000
UC 22,463 see: FB8575000
UC 22463 see: FB8620000
UC-22878 see: RB7780000
UC-23395 see: EL9150000
UC-23527 see: GY5120000

UC-23619 see: GY2510000
UC-23746 see: GW1800000
UC-25074 see: FB9880000
UC 26089 see: RB7700000
UC 30,045 see: FD9275000
UC 20,047A see: RB7700000
UCAR 15 see: AK0920000
UCAR 17 see: KW2975000
UCAR 130 see: AK0920000
UCAR AMYL PHENOL 4T see: SM6825000
UCAR BUTYLPHENOL 4-T see: SJ8925000
UCAR SOLVENT LM (OBS.) see: UB7700000
UCAR SOLVENT 2LM see: JM1575000
UCB 7 see: SO5450000
UCB 8 see: SO4235000
UCB 9 see: SP1754000
UCB 170 see: TL1970000
UCB 492 see: KK2275000
U.C.B. 1474 see: TL2380000
UCB 3412 see: KL8000000
UCB 4445 see: TL0280000
U.CB 4492 see: KK2275000
UCB 5052 see: TL1970000
UCB 5062 see: TL1970000
U.C.B. 5067 see: BS0120000
UCB 6215 see: UX9660500
UCB 1545 HYDROCHLORIDE see: TX7150000
UCC 974 see: XI2800000
UCC 6863 see: WL6475000
UCET TEXTILE FINISH 11-74 (OBS.) see: RN8640000
UC LIQUID G see: JT6485000
UCON 12 see: PA8200000
UCON 22 see: PA6390000

YP8205000 UCON 50
UPDT:8403 CAS: 9010-47-3
TOXICITY DATA AND REFERENCES:
3F07F19F24 orl-rat LD50:1880 mg/kg AITRD3 -,441,78

UCON 113 see: KJ4000000
UCON 114 see: KI1101000
UCON FLUROCARBON 11 see: PB6125000
UCON FLUOROCARBON 113 see: KJ4000000

YP8309700 UCON FOOD FREEZE 35
UPDT:8305
TOXICITY DATA AND REFERENCES:
3F07F12F24 orl-rat LD50:24 mg/kg AITRD3 -,441,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UCON 12/HALOCARBON 12 see: PA8200000
UCON 22/HALOCARBON 22 see: PA6390000
UCON 113/HALOCARBON 113 see: KJ4000000
UCON 500/HALOCARBON 500 see: PA8260000

YP8310000 UCON 50-HB-55
UPDT:8401 CAS: 9038-95-3
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 3/10/70
eye-rbt 50 mg SEV UCDS** 3/10/70
TOXICITY DATA AND REFERENCES:
orl-rat LD50:8530 mg/kg UCDS** 3/10/70
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YP8320000 UCON 50-HB-100
UPDT:8401 CAS: 9038-95-3
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 12/12/68
TOXICITY DATA AND REFERENCES:
orl-rat LD50:9170 mg/kg UCDS** 12/12/68
skn-rbt LD50:14 gm/kg UCDS** 12/12/68
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YP8400000 UCON 50-HB-260
UPDT:8401 CAS: 9038-95-3
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 3/20/73
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4000 mg/kg UCDS** 3/20/73
orl-rbt LD50:1770 mg/kg TXAPA9 16,675,70
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YP8410000 UCON 50-HB-400
UPDT:8401 CAS: 9038-95-3
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 5/17/68
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5370 mg/kg UCDS** 5/17/68
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YP8420000 UCON 50-HB-660
UPDT:8401 CAS: 9038-95-3
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 4/12/65
TOXICITY DATA AND REFERENCES:
orl-rat LD50:18 gm/kg UCDS** 4/12/65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YP8430000 UCON 50-HB-2000
UPDT:8401 CAS: 9038-95-3
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS**
TOXICITY DATA AND REFERENCES:
orl-rat LD50:21 gm/kg UCDS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YP8450000 UCON 50-HB-3520
UPDT:8401 CAS: 9038-95-3
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 3/30/65
TOXICITY DATA AND REFERENCES:
orl-rat LD50:38 gm/kg UCDS** 3/30/65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YP8460000 UCON 50-HB-5100
UPDT:8401 CAS: 9038-95-3
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 7/6/70
TOXICITY DATA AND REFERENCES:
orl-rat LD50:49 gm/kg UCDS** 7/6/70
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YP8470000 UCON 50-HB-280-X
UPDT:8401 CAS: 9038-95-3
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 10/29/68
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6130 mg/kg UCDS** 10/29/68
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UCON LB-250 see: TR4680000

YP8595000 UCON LB-285 (fluid)
UPDT:8401 CAS: 9038-95-3
TOXICITY DATA AND REFERENCES:
orl-rat LD50:9610 mg/kg UCDS** 4/17/68
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UCON LB 1145 see: TR4680000
UCON LB 1800X see: TR4680000

YP8660000 UCON LUBRICANT DLB-62-E
UPDT:8401 CAS: 25736-79-2 MOLFM: (C3-H6-O)n-C5-H12-O
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 10/14/64
TOXICITY DATA AND REFERENCES:
orl-rat LD50:20 gm/kg UCDS** 10/14/64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YP8670000 UCON LUBRICANT DLB-140-E
UPDT:8401 CAS: 25736-79-2 MOLFM: (C3-H6-O)n-C5-H12-O
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 10/14/64
TOXICITY DATA AND REFERENCES:
orl-rat LD50:57 gm/kg UCDS** 10/14/64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UCON REFRIGERANT 11 see: PB6125000
U-26146D see: OJ1140000
UDANKOR see: AB5100000
UDANTOL HYDROCHLORIDE see: UU8568000
UDCA see: FZ2000000
UDIS STEM BARK EXTRACT (Indian) see: BC7600000
UDMH see: MV2450000
UDMH (DOT) see: MV2450000
UDOLAC see: BY8925000
UDONKOR see: AB5100000
U 46DP see: AG6825000
U46 DP-FLUID see: UF1050000
UDVF see: TC0350000
U-14 164E see: NL4575000
U-14,583E see: UK8025000
U-30604E see: ZI2300000
U 32921E see: UK8021000
UF 1 see: DJ0700000
UF 3 see: DJ1575000
UF 33 see: YU1610000
UF 240 see: YU1610000
U-16,178F see: GV7420000
UFORMITE 700 see: YU1610000
UFORMITE F 240N see: YU1610000
UFT see: YR0480000
UGIKRAL see: AT6970000
UGIKRAL RB see: AT6970000
UGUROL see: GU8400000
UK 131 see: AK0920000
UK-738 see: RD0525000
UK 4261 see: VC0340000
UK 4271 see: VC0340000
UKOPEN see: XH8425000
UKS 72 see: YU1610000
UKS 73 see: YU1610000
U 46 KV-ESTER see: UE9750000
U 46 KV-FLUID see: UE9750000
U46KW see: AJ8485000
ULACORT see: TU4152000
U-0069 LACTATE see: JJ4985000
ULATKAMBAL EXTRACT (Indian) see: AA5360000
ULATKAMBAL ROOT EXTRACT (Indian) see: AA5361000
ULCEDINE see: MF0035500
ULCERFEN see: TI4375000
ULCESIUM see: YM3770000
ULCIMET see: MF0035500
ULCINE see: BP7632500
ULCOBAN see: UY4330000
ULCOLIND see: EU1575000
ULCOMET see: MF0035500
ULCUDEXTER see: BP7632500
ULERON see: WP3870000

YP9250000 ULEX EUROPAEUS Linn., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 7,250,69)
UPDT:8302
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:175 mg/kg IJEBA6 7,250,69

ULEXINE see: HA4025000
ULIOLIND see: EU1575000
ULIRON see: WP3870000

YP9400000 ULMUS WALLICHIANA Planch., stem bark extract
DEF:Indian plant belonging to the family ULMACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: MOHARAN STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg IJEBA6 11,43,73

ULO see: DC7600000
ULOID 22 see: YU1610000

ULOID 100 see: YU1610000
ULOID 301 see: YU1610000
ULONE see: DC7600000
UL 52R see: YU1610000
ULSTRON see: UD1842000
ULTANDREN see: BV8390000
ULTANDRENE see: BV8390000
ULTRABIL see: LZ4297000
ULTRABION see: XH8350000
ULTRA BRILLIANT BLUE P see: BX7175000
ULTRABRON see: XH8350000
ULTRACIDE see: TE2100000
ULTRACORTEN see: TU4154100
ULTRACORTENE see: TU4154100
ULTRACORTENE-H see: TU4152000
ULTRAFUR see: RQ3620000
ULTRALAN ORAL see: TU3832500
ULTRAMARINE GREEN see: GB6475000
ULTRAMARINE YELLOW see: CQ8760000
ULTRAMID B 3 see: TQ9800000
ULTRAMID B 4 see: TQ9800000
ULTRAMID B 5 see: TQ9800000
ULTRAMID BMK see: TQ9800000
ULTRAN see: EK1050000
ULTRAPAL CHLORIDE see: GA2360000
ULTRAREN SODIUM see: US7970000
ULTRA SULFATE SL-1 see: WT1050000
ULTRAWET K see: DB6825000
ULTRAWET 60K see: DB6825000
ULTRAWET KX see: DB6825000
ULTRAWET SK see: DB6825000
ULTRAWET 40SX see: ZE5100000
ULTRON see: KV0350000
ULU EXTRACT (Indian) see: NK1300000
ULV see: TF3150000
ULVAIR see: TC4375000
UM-792 see: QD2155000
UMALUR see: YU1610000
UMBELLATINE SULFATE TRIHYDRATE see: DR9867500
UMBETHION see: GN6300000
UMBRADIL see: UR8750000
UMBRATHOR see: XO6950000
UMBRIUM see: DF1575000
U46 MCPB see: ES8575000
U 46 M-FLUID see: AG1575000
UM-G see: YU1610000
UML 491 see: KE5300000
UMTAO EXTRACT (Indian) see: CC1100000
UNACAINE see: DG2805000
UNACAINE HYDROCHLORIDE see: KL4374900
UNADS see: WQ1750000
UNAGEN see: PB1300000
UNAL see: SJ5075000
UNAMIDE J-56 see: JR1925000
UNAMYCIN-B see: UY9100000

YQ1080000 UNCARIA LONGIFOLIA, leaf and stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
1K12 ipr-mus LD50:63 mg/kg CPBTAL 13,882,65

YQ1082000 UNCARIA PTEROPODA, seed or stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:16 mg/kg CPBTAL 13,882,65

YQ1085000 UNCARIA TOXBURGHIANA, bark and wood extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:63 mg/kg CPBTAL 13,882,65

YQ1090000 UNCARIA SESSILIFRUCTUS Roxb., extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 11,43,73)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2H30J30 ipr-mus LD50:300 mg/kg IJEBA6 11,43,73

YQ1190000 5,9-UNDECADIEN-2-ONE, 6,10-DIMETHYL-
UPDT:8305 CAS: 689-67-8 MW: 194.35 MOLFM: C13-H22-O
SYN: DIHYDROPSEUDOIONONE * alpha,beta-DIHYDROPSEUDOIONONE * 6,10-DIMETHYL-UNDECA-5,9-DIEN-2-ONE * GERANYL ACETONE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,787,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

delta-UNDECALACTONE see: UQ1320000
gamma-UNDECALACTONE see: YQ2485000
gamma-UNDECALATONE see: YQ2485000
UNDECANAL see: YQ1500000
n-UNDECANAL see: YQ1500000

YQ1500000 1-UNDECANAL
UPDT:8305 CAS: 112-44-7 MW: 170.33 MOLFM: C11-H22-O
SYN: ALDEHYDE C-11, UNDECYLIC * C-11 ALDEHYDE, UNDECYLIC * 1-DECYL ALDEHYDE * HENDECANAL * HENDECANALDEHYDE * HENDECENAL * UNDECANAL * n-UNDECANAL * UNDECANALDEHYDE * UNDECYL ALDEHYDE * n-UNDECYL ALDEHYDE * UNDECYLIC ALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 11,1079,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UNDECANALDEHYDE see: YQ1500000

YQ1508000 UNDECENALDEHYDE, mixed isomers
UPDT:8305
SYN: INTRELEVEN ALDEHYDE * UNDECENAL, mixed isomers * UNDECYLENIC ALDEHYDE, internal isomers * UNDECYLENIC ALDEHYDE, mixed isomers
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),843,82

YQ1525000 UNDECANE
UPDT:8312 CAS: 1120-21-4 MW: 156.35 MOLFM: C11-H24
SYN: HENDECANE * n-UNDECANE * UNDECANE (DOT) * UN 2330 (DOT)
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:517 mg/kg JPMSAE 67,566,78
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

n-UNDECANE see: YQ1525000
1-UNDECANECARBOXYLIC ACID see: OE9800000

YQ1927500 1,1'-UNDECANEDICARBOXYLIC ACID, ESTER with ETHYLENE GLYCOL
UPDT:8403 CAS: 105-95-3 MW: 270.41 MOLFM: C15-H26-O4
SYN: ASTRATONE * EMERESSENCE 1150 * ETHYLENE BRASSYLATE * ETHYLENE UNDECANE DICARBOXYLATE * MUSK T * TRIDECANEDIOIC ACID, CYCLIC ETHYLENE ESTER (8CI)
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 13,91,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UNDECANE (DOT) see: YQ1525000

YQ2100000 UNDECANE, 1,1,1,11-TETRACHLORO-
UPDT:8409 CAS: 63981-28-2 MW: 294.11 MOLFM: C11-H20-Cl4
SYN: TETRACHLOROUNDECANE * 1,1,1,11-TETRACHLOROUNDECANE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:2000 mg/kg TPKVAL 5,80,63

YQ2293000 UNDECANOIC ACID, 11-AMINO-
UPDT:8412 CAS: 2432-99-7 MW: 201.35 MOLFM: C11-H23-N-O2
SYN: AMINOUNDECANOIC ACID * 11-AMINOUNDECANOIC ACID * NCI-C50613
TUMORIGENIC DATA AND REFERENCES:
2V01M60 orl-rat TDLo:655 gm/kg/2Y-C NTPTR* NTP-TR-216,82
2V02R60 orl-rat TD :328 gm/kg/2Y-C NTPTR* NTP-TR-216,82
STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NTPTR* NTP-TR-216,82)
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NTPTR* NTP-TR-216,82)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YQ2450000 UNDECANOIC ACID, 11-FLUORO-
UPDT:8407 CAS: 463-17-2 MW: 204.32 MOLFM: C11-H21-F-O2
SYN: omega-FLUOROUNDECANOIC ACID * 11-FLUOROUNDECANOIC ACID
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:58 mg/kg JOCEAH 21,739,56

YQ2485000 UNDECANOIC ACID, 4-HYDROXY-, gamma-LACTONE
UPDT:8305 CAS: 104-67-6 MW: 184.31 MOLFM: C11-H20-O2
SYN: ALDEHYDE C-14 * ALDEHYDE C-14 PEACH * 2(3H)-FURANONE, 5-HEPTYLDIHYDRO- * gamma-HEPTYLBUTYROLACTONE * gamma-n-HEPTYLBUTYROLACTONE * 4-HYDROXYUNDECANOIC ACID LACTONE * 4-HYDROXYUNDECANOIC ACID, gamma-LACTONE * PEACH ALDEHYDE * PEACH LACTONE * PERSICOL * gamma-UNDECALACTONE * gamma-UNDECALATONE * gamma-UNDECANOLACTONE * 1,4-UNDECANOLIDE * gamma-UNDECANOLIDE * 4-UNDECANOLIDE
TOXICITY DATA AND REFERENCES:
2F07R21 orl-rat LD50:18500 mg/kg FCTXAV 2,327,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UNDECANOIC ACID, 5-HYDROXY-, delta-LACTONE see: UQ1320000
UNDECANOIC ACID, TRIBUTYLSTANNYL ESTER see: WH8710000
UNDECANOIC ACID, TRIISOPROPYLSTANNYL ESTER see: WH8820000
UNDECANOL see: YQ3155000
n-UNDECANOL see: YQ3155000
gamma-UNDECANOLACTONE see: YQ2485000

YQ2800000 4-UNDECANOL, 7-ETHYL-2-METHYL-, HYDROGEN SULFATE, SODIUM SALT
UPDT:8306 CAS: 139-88-8 MW: 316.48 MOLFM: C14-H29-O4-S Na
SYN: 7-ETHYL-2-METHYL-4-HENDECANOL SULFATE SODIUM SALT * 7-ETHYL-2-METHYL-4-UNDECANOL SULFATE SODIUM SALT * OBLITEROL * SODIUM 7-ETHYL-2-METHYL-4-UNDECANOL SULFATE * SODIUM 7-ETHYL-2-METHYLUNDECYL-4-SULFATE * SODIUM 2-METHYL-7-ETHYLUNDECANOL-4-SULFATE * SODIUM 2-METHYL-7-ETHYLUNDECYL SULFATE-4 * SODIUM SOTRADECOL * SOTRADECOL * STS * TERGITOL * TERGITOL 4 * TERGITOL ANIONIC 4 * TERGITOL PENETRANT 4 * TROMBOVAR * VARICOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open SEV UCDS** 12/13/63
eye-rbt 250 ug MLD AROPAW 34,99,45
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1250 mg/kg JIHTAB 23,478,41
orl-gpg LD50:650 mg/kg JIHTAB 23,478,41
skn-gpg LD50:650 mg/kg JIHTAB 23,478,41
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

gamma-UNDECANOLIDE see: YQ2485000
4-UNDECANOLIDE see: YQ2485000
1,4-UNDECANOLIDE see: YQ2485000
UNDECANOLIDE-1,5 see: UQ1320000

YQ2820000 2-UNDECANONE
UPDT:8309 CAS: 112-12-9 MW: 170.33 MOLFM: C11-H22-O
SYN: 2-HENDECANONE * METHYL NONYL KETONE * METHYL n-NONYL KETONE * MGK DOG and CAT REPELLENT * NONYL METHYL KETONE * UNDECAN-2-ONE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5000 mg/kg FMCHA2 -,C155,83
orl-mus LD50:3880 mg/kg APJUA8 12,79,62
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UNDECAN-2-ONE see: YQ2820000
1-UNDECANOYLHEXAMETHYLENIMINE see: CM3341000
1-UNDECEN-10-AL see: YQ2835000
10-UNDECENAL (8CI,9CI) see: YQ2835000

YQ2835000 10-UNDECEN-1-AL
UPDT:8305 CAS: 112-45-8 MW: 168.31 MOLFM: C11-H20-O
SYN: ALDEHYDE C-11, UNDECYLENIC * C-11 ALDEHYDE, UNDECYLENIC * HENDECENAL * 1-UNDECEN-10-AL * 10-UNDECENAL (8CI,9CI) * UNDECYLENALDEHYDE * 10-UNDECYLENEALDEHYDE * UNDECYLENIC ALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 11,1079,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UNDECENAL, mixed isomers see: YQ1508000
10-UNDECENAL DIGERANYL ACETAL see: YQ2849400

YQ2849400 1-UNDECENE, 11,11-BIS((3,7-DIMETHYL-2,6-OCTADIENYL)OXY)-
UPDT:8401 CAS: 67785-74-4 MW: 432.81 MOLFM: C29-H52-O2
SYN: 11,11-BIS-((3,7-DIMETHYL-2,6-OCTADIENYL)OXY)-1-UNDECENE * 11,11-DIGERANYLOXY-1-UNDECENE * 10-UNDECENAL DIGERANYL ACETAL * UNDECYLENIC ALDEHYDE DIGERANYL ACETAL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),845,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YQ2975000 10-UNDECENOIC ACID
UPDT:8305 CAS: 112-38-9 MW: 184.31 MOLFM: C11-H20-O2
SYN: DECLID * DESENEX * DESENEX SOLUTION * 10-HENDECENOIC * 10-HENEDECENOIC ACID * RENSELIN * SEVINON * UNDECYLENIC ACID * UNDECYL-10-ENIC ACID * 9-UNDECYLENIC ACID * 10-UNDECYLENIC ACID
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H SEV FCTXAV 16,883,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2500 mg/kg 28ZEAL 4,386,69

orl-mus LD50:8500 mg/kg JIDEAE 13,145,49
ipr-mus LD50:960 mg/kg JIDEAE 13,145,49
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YQ2978000 10-UNDECENOIC ACID, BUTYL ESTER
UPDT:8305 CAS: 109-42-2 MW: 240.43 MOLFM: C15-H28-O2
SYN: BUTYL 10-UNDECENOATE * BUTYL UNDECYLENATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 17,729,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5000 mg/kg FCTXAV 17,729,79
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YQ2978400 10-UNDECENOIC ACID, ETHYL ESTER
UPDT:8401 CAS: 692-86-4 MW: 212.37 MOLFM: C13-H24-O2
SYN: ETHYL 10-HENDECENOATE * ETHYL UNDECENOATE * ETHYL 10-UNDECENOATE * ETHYL UNDECYLENATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTOD7 20(Suppl),687,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YQ2978800 9-UNDECENOIC ACID, METHYL ESTER
UPDT:8401 CAS: 5760-50-9 MW: 198.34 MOLFM: C12-H22-O2
SYN: METHYL 9-UNDECENOATE * METHYL 10-UNDECENOATE * METHYL UNDECYLENATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),767,82
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3 gm/kg FCTOD7 20(Suppl),767,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

1-UNDECEN-11-OL see: YQ2985000
10-UNDECENOL see: YQ2985000

YQ2985000 10-UNDECEN-1-OL
UPDT:8305 CAS: 112-43-6 MW: 170.33 MOLFM: C11-H22-O
SYN: ALCOHOL C-11 * C-11 ALCOHOL * 10-UNDECENOL * 1-UNDECEN-11-OL * omega-UNDECENYL ALCOHOL * UNDECYLENIC ALCOHOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 11,1079,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YQ2990000 10-UNDECEN-1-OL, ACETATE
UPDT:8305 CAS: 112-19-6 MW: 212.37 MOLFM: C13-H24-O2
SYN: ACETATE C-11 * 10-HENDECEN-1-YL ACETATE * UNDECENYL ACETATE * 10-UNDECENYL ACETATE * 10-UNDECEN-1-YL ACETATE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD FCTXAV 14,665,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UNDECENYL ACETATE see: YQ2990000
10-UNDECENYL ACETATE see: YQ2990000
10-UNDECEN-1-YL ACETATE see: YQ2990000
omega-UNDECENYL ALCOHOL see: YQ2985000

YQ3155000 UNDECYL ALCOHOL
UPDT:8407 CAS: 112-42-5 MW: 172.35 MOLFM: C11-H24-O
SYN: ALCOHOL C-11 * HENDECANOIC ALCOHOL * 1-HENDECANOL * HENDECYL ALCOHOL * n-HENDECYLENIC ALCOHOL * TIP-NIP * UNDECANOL * n-UNDECANOL * n-UNDECYL ALCOHOL
IRRITATION DATA AND REFERENCES:
skn-rbt 10 mg/24H open JIHTAB 26,269,44
skn-rbt 500 mg/24H MOD FCTXAV 16,641,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3000 mg/kg JIHTAB 26,269,44
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

n-UNDECYL ALCOHOL see: YQ3155000
UNDECYL ALDEHYDE see: YQ1500000
n-UNDECYL ALDEHYDE see: YQ1500000

YQ3157600 UNDECYLAMINE, N,N-DIMETHYL-, HYDROCHLORIDE
UPDT:8303 MW: 235.89 MOLFM: C13-H29-N .Cl-H
SYN: DIMETHYLUNDECYLAMINE CHLORHYDRATE (French) * N,N-DIMETHYLUNDECYLAMINE HYDROCHLORIDE * N,N-DIMETHYL-1-UNDECYLAMINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1800 mg/kg CHTPBA 1,11,65

YQ3158000 UNDECYLAMINE, N-METHYL-N-NITROSO-
UPDT:8401 CAS: 68107-26-6 MW: 214.40 MOLFM: C12-H26-N2-O
SYN: N-METHYL-N-NITROSOUNDECYLAMINE * NITROSOMETHYLUNDECYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate MUREAV 51,319,78
TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 orl-rat TDLo:5600 mg/kg/30W-I CALEDQ 5,209,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UNDECYLENALDEHYDE see: YQ2835000
10-UNDECYLENEALDEHYDE see: YQ2835000
UNDECYLENIC ALDEHYDE, internal isomers see: YQ1508000
UNDECYLENIC ALDEHYDE, mixed isomers see: YQ1508000
UNDECYLENIC ACID see: YQ2975000
UNDECYLENIC ALDEHYDE DIGERANYL ACETAL see: YQ2849400
UNDECYL-10-ENIC ACID see: YQ2975000
9-UNDECYLENIC ACID see: YQ2975000
10-UNDECYLENIC ACID see: YQ2975000
UNDECYLENIC ALCOHOL see: YQ2985000
UNDECYLENIC ALDEHYDE see: YQ2835000
UNDECYLIC ALDEHYDE see: YQ1500000
2,2'-((6,6-UNDECYLIDENE)DITHIO)BIS(1-PROPYLAMINE) see: UI5230000 1-PROPYLAMINE, 2,2'-((6,6-UNDECYLIDENE)DITHIO)BIS-
UNDECYLPRODIGIOSIN see: UX9639300
UNDEN see: FC3150000
UNDEN see: KG8575000
UNDOKOR see: AB5100000
UN 0004 (DOT) see: BS3855000
UN 0072 (DOT) see: XY9450000
UN 0074 (DOT) see: DM2600000
UN 0075 (DOT) see: ID6825000
UN 0076 (DOT) see: SL2625000
UN 0078 (DOT) see: VH1250000
UN 0079 (DOT) see: JJ9150000
UN 0113 (DOT) see: DU2840000
UN 0114 (DOT) see: XF6900000
UN 0118 (DOT) see: XY9450000
UN 0129 (DOT) see: OF8670000
UN 0130 (DOT) see: OG6427000
UN 0133 (DOT) see: OP3000000
UN 0135 (DOT) see: OW4055000
UN 0143 (DOT) see: QX2100000
UN 0144 (DOT) see: WG9532700
UN 0146 (DOT) see: QZ7825000
UN 0147 (DOT) see: YT9681400
UN 0150 (DOT) see: RZ2630000
UN 0151 (DOT) see: TY3342200
UN 0153 (DOT) see: BZ1060000
UN 0154 (DOT) see: TJ7875000
UN 0155 (DOT) see: CZ1225800
UN 0207 (DOT) see: BY9200000
UN 0208 (DOT) see: BY6300000
UN 0209 (DOT) see: XU0175000
UN 0209 (DOT) see: XU0180000
UN 0213 (DOT) see: BZ9655000
UN 0214 (DOT) see: DC3850000
UN 0214 (DOT) see: DC3860000
UN 0215 (DOT) see: DI0920000
UN 0215 (DOT) see: DI0940000
UN 0216 (DOT) see: GP3675000
UN 0217 (DOT) see: QK4050000
UN 0218 (DOT) see: SI7980000
UN 0219 (DOT) see: VH3540000
UN 0220 (DOT) see: YT9670000
UN 0224 (DOT) see: CQ8500000
UN 0226 (DOT) see: XF7450000
UN 0234 (DOT) see: GP1049000
UN 0235 (DOT) see: TJ7855000
UN 0236 (DOT) see: TJ7859000
UN 0266 (DOT) see: RH5800000
UN 0282 (DOT) see: MF4600000
UN 0340 (DOT) see: QW0975180
UN 0340 (DOT) see: QW0970000
UN 0341 (DOT) see: QW0975080
UN 0342 (DOT) see: QW0975200
UN 0343 (DOT) see: QW0980200
UN 0385 (DOT) see: DM1500000
UN 0386 (DOT) see: DB8400000
UN 0387 (DOT) see: LL9097000
UN 0388 (DOT) see: XU0184500
UN 0388 (DOT) see: XU0184000
UN 0389 (DOT) see: XU0184600
UN 0390 (DOT) see: DA6270000
UN 0391 (DOT) see: XY9460000
UN 0392 (DOT) see: WJ6700000
UN 0393 (DOT) see: MP5356000
UN 0394 (DOT) see: VH3540000
UN 0401 (DOT) see: TJ9900000
UN 0402 (DOT) see: SC7520000
UN 0406 (DOT) see: CZ7850000
UN 0407 (DOT) see: XF7463000
UN 0411 (DOT) see: RZ2620000
UN 1001 (DOT) see: AO9600000
UN 1002 (DOT) see: AX5275000
UN 1003 (DOT) see: AX5271000
UN 1005 (DOT) see: BO0875000
UN 1006 (DOT) see: CF2300000
UN 1008 (DOT) see: ED2275000
UN 1009 (DOT) see: PA5425000
UN 1010 (DOT) see: EI9150000
UN 1011 (DOT) see: EJ4200000
UN 1012 (DOT) see: EM2893000
UN 1013 (DOT) see: FF6400000
UN 1014 (DOT) see: FF6485000
UN 1015 (DOT) see: FF6480000
UN 1016 (DOT) see: FG3500000
UN 1017 (DOT) see: FO2100000
UN 1018 (DOT) see: PA6390000
UN 1020 (DOT) see: KH7877500
UN 1021 (DOT) see: KH8000000
UN 1022 (DOT) see: PA6410000
UN 1023 (DOT) see: MW3860000
UN 1026 (DOT) see: GT1925000
UN 1027 (DOT) see: GZ0690000
UN 1028 (DOT) see: PA8200000
UN 1029 (DOT) see: PA8400000
UN 1030 (DOT) see: KI1410000
UN 1032 (DOT) see: IP8750000
UN 1033 (DOT) see: PM4780000
UN 1035 (DOT) see: KH3800000
UN 1036 (DOT) see: KH2100000
UN 1037 (DOT) see: KH7525000
UN 1038 (DOT) see: KU5340000
UN 1039 (DOT) see: KO0260000
UN 1040 (DOT) see: KX2450000
UN 1041 (DOT) see: KX2625000
UN 1045 (DOT) see: LM6475000
UN 1046 (DOT) see: MH6520000
UN 1048 (DOT) see: MW3850000
UN 1049 (DOT) see: MW8900000
UN 1050 (DOT) see: MW4025000
UN 1051 (DOT) see: MW6825000
UN 1052 (DOT) see: MW7875000
UN 1053 (DOT) see: MX1225000
UN 1055 (DOT) see: UD0890000
UN 1056 (DOT) see: OC6772500
UN 1060 (DOT) see: UK4920000
UN 1061 (DOT) see: PF6300000
UN 1062 (DOT) see: PA4900000
UN 1063 (DOT) see: PA6300000
UN 1064 (DOT) see: PB4375000
UN 1065 (DOT) see: QP4450000
UN 1066 (DOT) see: QW9700000
UN 1067 (DOT) see: QW9800000
UN 1069 (DOT) see: QZ7883000
UN 1070 (DOT) see: QX1350000
UN 1072 (DOT) see: RS2060000
UN 1073 (DOT) see: RS2060000

---

* TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

UN 1075 (DOT) see: SF7545000
UN 1075 (DOT) see: TX2275000
UN 1075 (DOT) see: TZ4300000
UN 1075 (DOT) see: UC6740000
UN 1075 (DOT) see: UD0890000
UN 1076 (DOT) see: SY5600000
UN 1077 (DOT) see: UC6740000
UN 1078 (DOT) see: PA8220000
UN 1078 (DOT) see: PA8250000
UN 1078 (DOT) see: PA8260000
UN 1078 (DOT) see: PA8278000
UN 1078 (DOT) see: PA8280000
UN 1079 (DOT) see: WS4550000
UN 1080 (DOT) see: WS4900000
UN 1081 (DOT) see: KX4000000
UN 1082 (DOT) see: KV0525000
UN 1083 (DOT) see: PA0350000
UN 1085 (DOT) see: KU8400000
UN 1086 (DOT) see: KU9625000
UN 1087 (DOT) see: KO2300000
UN 1088 (DOT) see: AB2800000
UN 1089 (DOT) see: AB1925000
UN 1090 (DOT) see: AL3150000
UN 1091 (DOT) see: AL6700000
UN 1092 (DOT) see: AS1050000
UN 1093 (DOT) see: AT5250000
UN 1098 (DOT) see: BA5075000
UN 1099 (DOT) see: UC7090000
UN 1100 (DOT) see: UC7350000
UN 1101 (DOT) see: BD0558000
UN 1102 (DOT) see: BD2050000
UN 1103 (DOT) see: BD2204000
UN 1104 (DOT) see: AJ1925000
UN 1105 (DOT) see: SB9800000
UN 1105 (DOT) see: SA4900000
UN 1105 (DOT) see: EL5425000
UN 1105 (DOT) see: SC0175000
UN 1106 (DOT) see: SC0350000
UN 1107 (DOT) see: RZ9865000
UN 1108 (DOT) see: SB2179000
UN 1109 (DOT) see: LQ9370000
UN 1109 (DOT) see: SC0220000
UN 1109 (DOT) see: NT0185000
UN 1109 (DOT) see: UB3790000
UN 1110 (DOT) see: MJ5075000
UN 1111 (DOT) see: SA3150000
UN 1112 (DOT) see: QV0600000
UN 1113 (DOT) see: RA1140000
UN 1114 (DOT) see: CY1400000
UN 1115 (DOT) see: SE7555000
UN 1120 (DOT) see: EO1400000
UN 1120 (DOT) see: EO1925000
UN 1123 (DOT) see: AF7350000
UN 1123 (DOT) see: AF7400000
UN 1123 (DOT) see: AF7380000
UN 1125 (DOT) see: EO2975000
UN 1126 (DOT) see: EJ6225000
UN 1127 (DOT) see: EJ6300000
UN 1127 (DOT) see: EJ6475000
UN 1128 (DOT) see: LQ5500000
UN 1129 (DOT) see: ES2275000
UN 1130 (DOT) see: EX1490000
UN 1131 (DOT) see: FF6650000
UN 1132 (DOT) see: FG4400000
UN 1133 (DOT) see: FJ8010000
UN 1134 (DOT) see: CZ0175000
UN 1135 (DOT) see: KK0875000
UN 1136 (DOT) see: GF8617500
UN 1143 (DOT) see: GP9499000
UN 1144 (DOT) see: GQ7210000
UN 1145 (DOT) see: GU6300000
UN 1146 (DOT) see: GY2390000
UN 1147 (DOT) see: QJ3150000
UN 1148 (DOT) see: SA9100000
UN 1149 (DOT) see: EK5425000
UN 1149 (DOT) see: EQ2220000
UN 1149 (DOT) see: EQ2230000
UN 1150 (DOT) see: KV9250000
UN 1152 (DOT) see: SA0330000
UN 1153 (DOT) see: KI1225000
UN 1154 (DOT) see: HZ8750000
UN 1155 (DOT) see: KI5775000
UN 1156 (DOT) see: SA8050000
UN 1157 (DOT) see: MJ5775000
UN 1158 (DOT) see: IM4025000
UN 1159 (DOT) see: TZ5425000
UN 1160 (DOT) see: IP8750000
UN 1161 (DOT) see: FG0450000
UN 1162 (DOT) see: VV3150000
UN 1163 (DOT) see: MV2450000
UN 1164 (DOT) see: PV5075000
UN 1165 (DOT) see: JG8225000
UN 1166 (DOT) see: JI0400000
UN 1167 (DOT) see: YZ6700000
UN 1170 (DOT) see: KQ6300000
UN 1171 (DOT) see: KK8050000
UN 1172 (DOT) see: KK8225000
UN 1173 (DOT) see: AH5425000
UN 1175 (DOT) see: DA0700000
UN 1176 (DOT) see: ED4590000
UN 1177 (DOT) see: MO7735000
UN 1178 (DOT) see: ES2625000
UN 1179 (DOT) see: KN4725000
UN 1180 (DOT) see: ET1660000
UN 1181 (DOT) see: AF9110000
UN 1182 (DOT) see: LQ6125000
UN 1183 (DOT) see: VV3230000
UN 1184 (DOT) see: KI0525000
UN 1185 (DOT) see: KX5075000
UN 1188 (DOT) see: KL5775000
UN 1189 (DOT) see: KL5950000
UN 1190 (DOT) see: LQ8400000
UN 1191 (DOT) see: MN7525000
UN 1192 (DOT) see: OD5075000
UN 1193 (DOT) see: EL6475000
UN 1194 (DOT) see: RA0810000
UN 1195 (DOT) see: UF3675000
UN 1196 (DOT) see: VV4200000
UN 1198 (DOT) see: LP8925000
UN 1199 (DOT) see: LT7000000
UN 1201 (DOT) see: LV5600000
UN 1203 (DOT) see: LX3300000
UN 1204 (DOT) see: QX2100000
UN 1205 (DOT) see: MG1577400
UN 1206 (DOT) see: MI7700000
UN 1207 (DOT) see: MN7175000
UN 1208 (DOT) see: EJ9300000
UN 1208 (DOT) see: MN9275000
UN 1212 (DOT) see: NP9625000
UN 1213 (DOT) see: AI4025000
UN 1214 (DOT) see: NP9900000
UN 1216 (DOT) see: SB2715000
UN 1218 (DOT) see: NT4037000
UN 1219 (DOT) see: NT8050000
UN 1220 (DOT) see: AI4930000
UN 1221 (DOT) see: NT8400000
UN 1221 (DOT) see: GR8575000
UN 1222 (DOT) see: QU8930000
UN 1223 (DOT) see: OA5500000
UN 1229 (DOT) see: SB4200000
UN 1230 (DOT) see: PC1400000
UN 1231 (DOT) see: AI9100000
UN 1232 (DOT) see: EL6475000
UN 1233 (DOT) see: SA7525000
UN 1234 (DOT) see: PA8750000
UN 1235 (DOT) see: PF6300000
UN 1237 (DOT) see: ET5500000
UN 1238 (DOT) see: FG3675000
UN 1239 (DOT) see: KN6650000
UN 1242 (DOT) see: VV3500000
UN 1243 (DOT) see: LQ8925000
UN 1244 (DOT) see: MV5600000
UN 1245 (DOT) see: SA9275000
UN 1246 (DOT) see: EN0175000
UN 1247 (DOT) see: OZ5075000
UN 1248 (DOT) see: UF5970000
UN 1249 (DOT) see: SA7875000
UN 1250 (DOT) see: VV4550000
UN 1251 (DOT) see: EM9800000
UN 1255 (DOT) see: DE3030000
UN 1256 (DOT) see: DE3030000
UN 1257 (DOT) see: LX3300000
UN 1259 (DOT) see: QR6300000
UN 1261 (DOT) see: PA9800000
UN 1262 (DOT) see: RG8400000
UN 1262 (DOT) see: SA3320000
UN 1264 (DOT) see: YK0525000
UN 1265 (DOT) see: EK4430000
UN 1265 (DOT) see: TY1190000
UN 1265 (DOT) see: RZ9450000
UN 1267 (DOT) see: SE7175000
UN 1268 (DOT) see: SE7449000
UN 1270 (DOT) see: SE7175000
UN 1271 (DOT) see: DE3030000
UN 1272 (DOT) see: TK5100000
UN 1274 (DOT) see: UH8225000
UN 1275 (DOT) see: UE0350000
UN 1276 (DOT) see: AJ3675000
UN 1277 (DOT) see: UH9100000
UN 1278 (DOT) see: TX4400000
UN 1279 (DOT) see: TX9350000
UN 1280 (DOT) see: TZ2975000
UN 1281 (DOT) see: LQ8750000
UN 1281 (DOT) see: LR0175000
UN 1282 (DOT) see: UR8400000
UN 1286 (DOT) see: VL0491000
UN 1287 (DOT) see: VL8020000
UN 1288 (DOT) see: VU6680000
UN 1289 (DOT) see: WC2455000
UN 1292 (DOT) see: VV9450000
UN 1294 (DOT) see: XS5250000
UN 1295 (DOT) see: VV5950000
UN 1296 (DOT) see: YE0175000
UN 1297 (DOT) see: PA0350000
UN 1298 (DOT) see: VV2710000
UN 1299 (DOT) see: YO8400000
UN 1301 (DOT) see: AK0875000
UN 1302 (DOT) see: KO0710000
UN 1303 (DOT) see: YZ8061000
UN 1304 (DOT) see: KO1300000
UN 1305 (DOT) see: VV6125000
UN 1307 (DOT) see: ZE2100000
UN 1307 (DOT) see: ZE2275000
UN 1307 (DOT) see: ZE2450000
UN 1307 (DOT) see: ZE2625000
UN 1308 (DOT) see: ZH7070000
UN 1309 (DOT) see: BD0330000
UN 1310 (DOT) see: BS3856000
UN 1312 (DOT) see: ED7000000
UN 1313 (DOT) see: EW3970000
UN 1314 (DOT) see: EW3970000
UN 1318 (DOT) see: GG2979800
UN 1320 (DOT) see: SL2627000
UN 1321 (DOT) see: SL2626000
UN 1322 (DOT) see: VH1255000
UN 1323 (DOT) see: LK0742000
UN 1324 (DOT) see: QW0970000
UN 1326 (DOT) see: MG4600000

UN 1328 (DOT) see: MN4725000
UN 1330 (DOT) see: OP0957000
UN 1332 (DOT) see: XF9900000
UN 1333 (DOT) see: FK4850000
UN 1334 (DOT) see: QJ0525000
UN 1336 (DOT) see: MF4605000
UN 1337 (DOT) see: QZ7826000
UN 1337 (DOT) see: QZ7828000
UN 1338 (DOT) see: TH3495000
UN 1339 (DOT) see: TH3870000
UN 1340 (DOT) see: TH4375000
UN 1341 (DOT) see: TH4330000
UN 1343 (DOT) see: TH4520000
UN 1344 (DOT) see: TJ7877000
UN 1345 (DOT) see: VL8040000
UN 1345 (DOT) see: VL8043000
UN 1346 (DOT) see: VW0400000
UN 1347 (DOT) see: TJ7891500
UN 1348 (DOT) see: GP1049300
UN 1349 (DOT) see: TJ7850000
UN 1350 (DOT) see: WS4250000
UN 1352 (DOT) see: XR1701200
UN 1354 (DOT) see: DC3860000
UN 1355 (DOT) see: DI0940000
UN 1356 (DOT) see: XU0180000
UN 1357 (DOT) see: YT9675000
UN 1358 (DOT) see: ZH7070000
UN 1360 (DOT) see: EW3870000
UN 1361 (DOT) see: FF5251000
UN 1361 (DOT) see: FF5250100
UN 1362 (DOT) see: FL7242500
UN 1362 (DOT) see: FF5250100
UN 1363 (DOT) see: GG6040000
UN 1366 (DOT) see: ZH2070000
UN 1367 (DOT) see: OM3185000
UN 1368 (DOT) see: OM3190000
UN 1369 (DOT) see: BX7175000
UN 1370 (DOT) see: ZH2320000
UN 1376 (DOT) see: NO7380000
UN 1380 (DOT) see: RY8925000
UN 1381 (DOT) see: TH3500000
UN 1382 (DOT) see: TT6000000
UN 1383 (DOT) see: WK7825000
UN 1383 (DOT) see: FK9225000
UN 1383 (DOT) see: BD0330000
UN 1383 (DOT) see: ZG8600000
UN 1384 (DOT) see: JP2100000
UN 1385 (DOT) see: WE1905000
UN 1394 (DOT) see: BD0390000
UN 1395 (DOT) see: BD0213000
UN 1396 (DOT) see: BD0330000
UN 1397 (DOT) see: BD1400000
UN 1398 (DOT) see: BD1470000
UN 1399 (DOT) see: CQ8370000
UN 1400 (DOT) see: CQ8370000
UN 1401 (DOT) see: EV8040000
UN 1402 (DOT) see: EV9400000
UN 1403 (DOT) see: GS6000000
UN 1404 (DOT) see: EW2440000
UN 1405 (DOT) see: EW4010000
UN 1406 (DOT) see: EW4010000
UN 1407 (DOT) see: FK9225000
UN 1408 (DOT) see: LK1400000
UN 1410 (DOT) see: BD0100000
UN 1411 (DOT) see: BD0100000
UN 1412 (DOT) see: OJ5590000
UN 1413 (DOT) see: OJ6427000
UN 1414 (DOT) see: OJ6300000
UN 1415 (DOT) see: OJ5540000
UN 1417 (DOT) see: OJ6417500
UN 1418 (DOT) see: OM2100000
UN 1419 (DOT) see: BD1000000
UN 1420 (DOT) see: TS6465000
UN 1422 (DOT) see: TT5790000
UN 1423 (DOT) see: VL8500000
UN 1424 (DOT) see: VY2622000
UN 1425 (DOT) see: VY2775000
UN 1426 (DOT) see: ED3325000
UN 1427 (DOT) see: WB3910000
UN 1428 (DOT) see: VY0686000
UN 1429 (DOT) see: VY0686000
UN 1431 (DOT) see: PC3570000
UN 1432 (DOT) see: WD6475000
UN 1433 (DOT) see: XQ4050000
UN 1434 (DOT) see: WK7850000
UN 1436 (DOT) see: ZG8600000
UN 1437 (DOT) see: ZH8015000
UN 1438 (DOT) see: BD1040000
UN 1439 (DOT) see: HX7650000
UN 1442 (DOT) see: SC7520000
UN 1444 (DOT) see: SE0350000
UN 1445 (DOT) see: FN9770000
UN 1446 (DOT) see: CQ9625000
UN 1447 (DOT) see: SC7550000
UN 1448 (DOT) see: SD6405000
UN 1449 (DOT) see: CR0175000
UN 1451 (DOT) see: FL0700000
UN 1452 (DOT) see: FN9800000
UN 1453 (DOT) see: EV9850000
UN 1454 (DOT) see: EW2985000
UN 1455 (DOT) see: SC7600000
UN 1456 (DOT) see: EW3860000
UN 1457 (DOT) see: EW3865000
UN 1463 (DOT) see: GB6650000
UN 1465 (DOT) see: HY8450000
UN 1466 (DOT) see: QU8915000
UN 1467 (DOT) see: MF4350000
UN 1469 (DOT) see: OG2100000
UN 1469 (DOT) see: SC8100000
UN 1471 (DOT) see: NH3486000
UN 1472 (DOT) see: OJ6407500
UN 1473 (DOT) see: EF8720000
UN 1474 (DOT) see: OM3750000
UN 1475 (DOT) see: SC8925000
UN 1476 (DOT) see: OM4100000
UN 1478 (DOT) see: WC5615000
UN 1484 (DOT) see: EF8725000
UN 1485 (DOT) see: FO0350000
UN 1486 (DOT) see: TT3700000
UN 1487 (DOT) see: TT3720000
UN 1488 (DOT) see: TT3750000
UN 1489 (DOT) see: SC9700000
UN 1490 (DOT) see: SD6475000
UN 1491 (DOT) see: TT4450000
UN 1492 (DOT) see: SE0400000
UN 1493 (DOT) see: VW4725000
UN 1494 (DOT) see: EF8750000
UN 1495 (DOT) see: FO0525000
UN 1496 (DOT) see: VZ4800000
UN 1498 (DOT) see: WC5600000
UN 1499 (DOT) see: WC5616000
UN 1500 (DOT) see: RA1225000
UN 1502 (DOT) see: SC9800000
UN 1503 (DOT) see: SD6650000
UN 1504 (DOT) see: WD3450000
UN 1505 (DOT) see: SE0525000
UN 1506 (DOT) see: WK8375000
UN 1507 (DOT) see: WK9800000
UN 1508 (DOT) see: SC9920000
UN 1509 (DOT) see: WL0100000
UN 1510 (DOT) see: PB4025000
UN 1511 (DOT) see: YT4850000
UN 1512 (DOT) see: ZG9160000
UN 1513 (DOT) see: ZH1350000
UN 1514 (DOT) see: ZH4772000
UN 1515 (DOT) see: ZH4860000
UN 1516 (DOT) see: ZH4865000
UN 1517 (DOT) see: TJ7860000
UN 1541 (DOT) see: OD9275000
UN 1545 (DOT) see: NX8225000
UN 1547 (DOT) see: BW6650000
UN 1548 (DOT) see: CY0875000
UN 1550 (DOT) see: CC5455000
UN 1551 (DOT) see: CC6825000
UN 1553 (DOT) see: CG0700000
UN 1554 (DOT) see: CG0700000
UN 1555 (DOT) see: CG1375000
UN 1557 (DOT) see: CG2638000
UN 1557 (DOT) see: CG2637000
UN 1558 (DOT) see: CG0525000
UN 1559 (DOT) see: CG2275000
UN 1560 (DOT) see: CG1750000
UN 1561 (DOT) see: CG3325000
UN 1562 (DOT) see: CG1335000
UN 1565 (DOT) see: CQ8785000
UN 1567 (DOT) see: DS1750000
UN 1569 (DOT) see: UC0525000
UN 1570 (DOT) see: EH8925000
UN 1571 (DOT) see: CQ8510000
UN 1572 (DOT) see: CH7525000
UN 1573 (DOT) see: CG0830000
UN 1575 (DOT) see: EW0700000
UN 1575 (DOT) see: EW0710000
UN 1577 (DOT) see: CZ0490000
UN 1578 (DOT) see: CZ0875000
UN 1578 (DOT) see: CZ0940000
UN 1578 (DOT) see: CZ1050000
UN 1579 (DOT) see: XU5250000
UN 1580 (DOT) see: PB6300000
UN 1581 (DOT) see: PB6325000
UN 1582 (DOT) see: PB6330000
UN 1583 (DOT) see: PB6320000
UN 1584 (DOT) see: TJ9100000
UN 1585 (DOT) see: GL6475000
UN 1586 (DOT) see: CG3385000
UN 1587 (DOT) see: GL7175000
UN 1588 (DOT) see: MW7050000
UN 1589 (DOT) see: GT2275000
UN 1590 (DOT) see: BX2540000
UN 1591 (DOT) see: CZ4500000
UN 1591 (DOT) see: CZ4499000
UN 1592 (DOT) see: CZ4550000
UN 1593 (DOT) see: PA8050000
UN 1594 (DOT) see: WS7875000
UN 1595 (DOT) see: WS8225000
UN 1596 (DOT) see: BX9010000
UN 1597 (DOT) see: CZ7525000
UN 1597 (DOT) see: CZ7450000
UN 1597 (DOT) see: CZ7340000
UN 1597 (DOT) see: CZ7350000
UN 1598 (DOT) see: GO9450000
UN 1599 (DOT) see: SL2625000
UN 1600 (DOT) see: XT1300000
UN 1603 (DOT) see: AF6000000
UN 1604 (DOT) see: KH8575000
UN 1605 (DOT) see: KH9275000
UN 1606 (DOT) see: NO4585000
UN 1607 (DOT) see: NO4600000
UN 1608 (DOT) see: NO4580000
UN 1611 (DOT) see: XF1575000
UN 1612 (DOT) see: XF1580000
UN 1613 (DOT) see: MW6830000
UN 1613 (DOT) see: MW6840000
UN 1614 (DOT) see: MW6825000
UN 1616 (DOT) see: AI5250000
UN 1617 (DOT) see: CG0980000
UN 1617 (DOT) see: CG0990000
UN 1617 (DOT) see: CG1000000

UN 1618 (DOT) see: OF8600000
UN 1620 (DOT) see: OG0175000
UN 1621 (DOT) see: OJ9280000
UN 1622 (DOT) see: CG1050000
UN 1623 (DOT) see: OV7040000
UN 1624 (DOT) see: OV9100000
UN 1625 (DOT) see: OW8225000
UN 1626 (DOT) see: TT6230000
UN 1627 (DOT) see: OW8000000
UN 1628 (DOT) see: OX0480000
UN 1629 (DOT) see: AI8570000
UN 1629 (DOT) see: AI8575000
UN 1630 (DOT) see: OV7020000
UN 1631 (DOT) see: OV7060000
UN 1633 (DOT) see: OX0500000
UN 1634 (DOT) see: OV7410000
UN 1634 (DOT) see: OV7415000
UN 1636 (DOT) see: OW1515000
UN 1637 (DOT) see: OW4060000
UN 1638 (DOT) see: OW5075000
UN 1638 (DOT) see: OW5250000
UN 1639 (DOT) see: OV3200000
UN 1640 (DOT) see: OW8600000
UN 1641 (DOT) see: OW8700000
UN 1641 (DOT) see: OW8750000
UN 1642 (DOT) see: OW1530000
UN 1643 (DOT) see: OU9670000
UN 1644 (DOT) see: OX0300000
UN 1645 (DOT) see: OX0500000
UN 1646 (DOT) see: XL1550000
UN 1647 (DOT) see: PA5300000
UN 1648 (DOT) see: AL7700000
UN 1650 (DOT) see: QM2100000
UN 1651 (DOT) see: YT9275000
UN 1652 (DOT) see: YT9140000
UN 1653 (DOT) see: QR6495000
UN 1654 (DOT) see: QS5250000
UN 1656 (DOT) see: QS8575000
UN 1657 (DOT) see: QS9600000
UN 1658 (DOT) see: QS9625000
UN 1659 (DOT) see: QT0350000
UN 1660 (DOT) see: QX0525000
UN 1661 (DOT) see: BY6650000
UN 1661 (DOT) see: BY6825000
UN 1661 (DOT) see: BY7000000
UN 1662 (DOT) see: DA6475000
UN 1663 (DOT) see: SM1920000
UN 1663 (DOT) see: SM1925000
UN 1663 (DOT) see: SM2100000
UN 1663 (DOT) see: SM2275000
UN 1664 (DOT) see: XT2972000
UN 1664 (DOT) see: XT3325000
UN 1664 (DOT) see: XT3150000
UN 1664 (DOT) see: XT2975000
UN 1665 (DOT) see: ZE4686400
UN 1665 (DOT) see: ZE4686500
UN 1665 (DOT) see: ZE4684000
UN 1669 (DOT) see: KI6300000
UN 1670 (DOT) see: PB0370000
UN 1671 (DOT) see: SJ3325000
UN 1672 (DOT) see: NJ6700000
UN 1673 (DOT) see: SS7700000
UN 1673 (DOT) see: SS7875000
UN 1673 (DOT) see: SS8050000
UN 1674 (DOT) see: OV6475000
UN 1677 (DOT) see: CG1100000
UN 1678 (DOT) see: CG3800000
UN 1679 (DOT) see: GS2168900
UN 1680 (DOT) see: TS8750000
UN 1683 (DOT) see: CG3884000
UN 1684 (DOT) see: VW3850000
UN 1685 (DOT) see: CG1225000
UN 1686 (DOT) see: CG3675000
UN 1687 (DOT) see: VY8050000
UN 1688 (DOT) see: CH7700000
UN 1689 (DOT) see: VZ7525000
UN 1690 (DOT) see: WB0350000
UN 1691 (DOT) see: WK7900000
UN 1692 (DOT) see: WL2275000
UN 1692 (DOT) see: WL2465000
UN 1694 (DOT) see: AL8050000
UN 1694 (DOT) see: AL8090000
UN 1694 (DOT) see: AL8060000
UN 1695 (DOT) see: UC0700000
UN 1697 (DOT) see: AM6300000
UN 1698 (DOT) see: SG0680000
UN 1699 (DOT) see: CG9900000
UN 1701 (DOT) see: ZE3850000
UN 1702 (DOT) see: KI8400000
UN 1702 (DOT) see: KI8575000
UN 1703 (DOT) see: XN4377000
UN 1704 (DOT) see: UX6800000
UN 1704 (DOT) see: XN4375000
UN 1705 (DOT) see: UX7000000
UN 1708 (DOT) see: XU3150000
UN 1708 (DOT) see: XU2800000
UN 1708 (DOT) see: XU2975000
UN 1709 (DOT) see: XS9625000
UN 1710 (DOT) see: KX4550000
UN 1711 (DOT) see: ZE8575000
UN 1712 (DOT) see: CG3890000
UN 1712 (DOT) see: ZG9180000
UN 1713 (DOT) see: ZH1575000
UN 1714 (DOT) see: ZH4900000
UN 1715 (DOT) see: AK1925000
UN 1716 (DOT) see: AO5955000
UN 1717 (DOT) see: AO6390000
UN 1718 (DOT) see: TB8490000
UN 1722 (DOT) see: LQ5775000
UN 1723 (DOT) see: UD0450000
UN 1724 (DOT) see: VV1530000
UN 1725 (DOT) see: BD0350000
UN 1726 (DOT) see: BD0525000
UN 1727 (DOT) see: BQ9200000
UN 1728 (DOT) see: VV4725000
UN 1729 (DOT) see: CA0270000
UN 1730 (DOT) see: CC5075000
UN 1731 (DOT) see: CC5075000
UN 1732 (DOT) see: CC5800000
UN 1733 (DOT) see: CC4900000
UN 1736 (DOT) see: DM6600000
UN 1737 (DOT) see: XS7965000
UN 1738 (DOT) see: XS8925000
UN 1739 (DOT) see: LQ5860000
UN 1741 (DOT) see: ED1925000
UN 1742 (DOT) see: ED8250000
UN 1743 (DOT) see: ED8550000
UN 1744 (DOT) see: EF9100000
UN 1745 (DOT) see: EF9350000
UN 1746 (DOT) see: EF9360000
UN 1747 (DOT) see: VV2080000
UN 1748 (DOT) see: NH3485500
UN 1749 (DOT) see: FO2800000
UN 1750 (DOT) see: AF8575000
UN 1751 (DOT) see: AF8575000
UN 1752 (DOT) see: AO6475000
UN 1753 (DOT) see: VV2650000
UN 1754 (DOT) see: FX5725500
UN 1754 (DOT) see: FX5730000
UN 1755 (DOT) see: GB6650000
UN 1756 (DOT) see: GB6125000
UN 1757 (DOT) see: GB6125000
UN 1758 (DOT) see: GB5775000
UN 1761 (DOT) see: KH8660000
UN 1762 (DOT) see: VV2800000
UN 1763 (DOT) see: VV2890000
UN 1764 (DOT) see: AG6125000
UN 1765 (DOT) see: AO6650000
UN 1766 (DOT) see: VV3540000
UN 1767 (DOT) see: VV3060000
UN 1768 (DOT) see: TD4460000
UN 1769 (DOT) see: VV3190000
UN 1770 (DOT) see: PA5350000
UN 1771 (DOT) see: VV3940000
UN 1773 (DOT) see: LJ9100000
UN 1775 (DOT) see: ED2685000
UN 1776 (DOT) see: TE5000000
UN 1777 (DOT) see: LP0715000
UN 1778 (DOT) see: VV8225000
UN 1779 (DOT) see: LQ4900000
UN 1780 (DOT) see: LT2800000
UN 1781 (DOT) see: VV4260000
UN 1782 (DOT) see: SY7115000
UN 1783 (DOT) see: MO1180000
UN 1784 (DOT) see: VV4320000
UN 1786 (DOT) see: MW7900000
UN 1787 (DOT) see: MW3760000
UN 1788 (DOT) see: MW3850000
UN 1789 (DOT) see: MW4025000
UN 1790 (DOT) see: MW7875000
UN 1791 (DOT) see: TT2825000
UN 1792 (DOT) see: NN1650000
UN 1793 (DOT) see: TC6320000
UN 1794 (DOT) see: OG0835000
UN 1794 (DOT) see: OG4450000
UN 1798 (DOT) see: MW4100000
UN 1799 (DOT) see: VV4660000
UN 1800 (DOT) see: VV4680000
UN 1801 (DOT) see: VV4700000
UN 1802 (DOT) see: SC7501000
UN 1803 (DOT) see: DB6950000
UN 1804 (DOT) see: VV6650000
UN 1805 (DOT) see: TB6300000
UN 1806 (DOT) see: TB6125000
UN 1807 (DOT) see: TH3945000
UN 1808 (DOT) see: TH4460000
UN 1809 (DOT) see: TH3675000
UN 1810 (DOT) see: TH4897000
UN 1811 (DOT) see: TS6650000
UN 1812 (DOT) see: TT0700000
UN 1813 (DOT) see: TT2100000
UN 1814 (DOT) see: TT2100000
UN 1815 (DOT) see: UG6657000
UN 1816 (DOT) see: VV5300000
UN 1817 (DOT) see: UX8310000
UN 1818 (DOT) see: VW0525000
UN 1819 (DOT) see: BD1600000
UN 1821 (DOT) see: VZ1860000
UN 1823 (DOT) see: WB4900000
UN 1824 (DOT) see: WB4900000
UN 1825 (DOT) see: WC4800000
UN 1827 (DOT) see: XP8750000
UN 1828 (DOT) see: WS4300000
UN 1828 (DOT) see: WS4500000
UN 1829 (DOT) see: WT4830000
UN 1830 (DOT) see: WS5609000
UN 1830 (DOT) see: WS5600000
UN 1831 (DOT) see: WS5605000
UN 1832 (DOT) see: WS5600000
UN 1833 (DOT) see: WT2775000
UN 1834 (DOT) see: WT4870000
UN 1835 (DOT) see: PA0875000
UN 1836 (DOT) see: XM5150000
UN 1837 (DOT) see: XN2930000
UN 1838 (DOT) see: XR1925000
UN 1839 (DOT) see: AJ7875000
UN 1840 (DOT) see: ZH1400000
UN 1841 (DOT) see: AB1950000

UN 1843 (DOT) see: GP0210000
UN 1845 (DOT) see: FF6400000
UN 1846 (DOT) see: FG4900000
UN 1847 (DOT) see: TT6008000
UN 1848 (DOT) see: UE5950000
UN 1849 (DOT) see: WE1910000
UN 1854 (DOT) see: CQ8370000
UN 1855 (DOT) see: EV8040000
UN 1858 (DOT) see: UD0350000
UN 1859 (DOT) see: VW2327000
UN 1860 (DOT) see: YZ7351000
UN 1862 (DOT) see: GQ3500000
UN 1865 (DOT) see: UK0350000
UN 1866 (DOT) see: VG7110000
UN 1868 (DOT) see: HD1400000
UN 1869 (DOT) see: OM2100000
UN 1870 (DOT) see: TS7525000
UN 1871 (DOT) see: XR2110000
UN 1872 (DOT) see: OG0700000
UN 1873 (DOT) see: SC7501100
UN 1884 (DOT) see: CQ9800000
UN 1885 (DOT) see: DC9625000
UN 1886 (DOT) see: CZ5075000
UN 1887 (DOT) see: PA5250000
UN 1888 (DOT) see: FS9100000
UN 1889 (DOT) see: GT2100000
UN 1891 (DOT) see: KH6475000
UN 1892 (DOT) see: CH3500000
UN 1894 (DOT) see: OW4940000
UN 1895 (DOT) see: OW8400000
UN 1896 (DOT) see: VG7112000
UN 1897 (DOT) see: KX3850000
UN 1898 (DOT) see: AP4670000
UN 1902 (DOT) see: TC2400000
UN 1905 (DOT) see: VS6575000
UN 1906 (DOT) see: AR2310000
UN 1907 (DOT) see: VX9650000
UN 1908 (DOT) see: VZ4808000
UN 1910 (DOT) see: EW3100000
UN 1911 (DOT) see: HQ9275000
UN 1912 (DOT) see: PA6385000
UN 1913 (DOT) see: QP4450000
UN 1914 (DOT) see: UE8245000
UN 1915 (DOT) see: GW1050000
UN 1916 (DOT) see: KN0875000
UN 1917 (DOT) see: AT0700000
UN 1919 (DOT) see: AT2800000
UN 1920 (DOT) see: RA6115000
UN 1921 (DOT) see: CM8050000
UN 1922 (DOT) see: UX9650000
UN 1923 (DOT) see: EV9290000
UN 1924 (DOT) see: BD0705000
UN 1925 (DOT) see: BD1950000
UN 1926 (DOT) see: BD1810000
UN 1927 (DOT) see: BD1970000
UN 1928 (DOT) see: OM3700000
UN 1929 (DOT) see: JP2080000
UN 1930 (DOT) see: BD2203500
UN 1931 (DOT) see: JP2105000
UN 1935 (DOT) see: MW7050000
UN 1938 (DOT) see: AF5950000
UN 1939 (DOT) see: TH4750000
UN 1940 (DOT) see: AI5950000
UN 1941 (DOT) see: PA7525000
UN 1942 (DOT) see: BR9050000
UN 1951 (DOT) see: CF2300000
UN 1952 (DOT) see: KX2650000
UN 1955 (DOT) see: QX0175000
UN 1955 (DOT) see: SD1925000
UN 1955 (DOT) see: TH3850000
UN 1957 (DOT) see: HH2995000
UN 1958 (DOT) see: KI1100000
UN 1959 (DOT) see: KW0560000
UN 1961 (DOT) see: KH3800000
UN 1962 (DOT) see: KU5340000
UN 1963 (DOT) see: MH6550000
UN 1964 (DOT) see: MW3860000
UN 1965 (DOT) see: MW3860000
UN 1966 (DOT) see: MW8900000
UN 1969 (DOT) see: TZ4300000
UN 1970 (DOT) see: OC6772500
UN 1971 (DOT) see: PA1490000
UN 1972 (DOT) see: PA1490000
UN 1974 (DOT) see: PA5270000
UN 1975 (DOT) see: QX0700000
UN 1976 (DOT) see: GU1779500
UN 1977 (DOT) see: QW9700000
UN 1978 (DOT) see: TX2275000
UN 1982 (DOT) see: FG4920000
UN 1983 (DOT) see: KH8008000
UN 1984 (DOT) see: PB6900000
UN 1991 (DOT) see: EI9625000
UN 1994 (DOT) see: NO4900000
UN 1999 (DOT) see: GF8600000
UN 2000 (DOT) see: FJ5691300
UN 2001 (DOT) see: QK8925000
UN 2002 (DOT) see: FJ5691300
UN 2003 (DOT) see: BD1820000
UN 2004 (DOT) see: OM2350000
UN 2005 (DOT) see: OM3197000
UN 2008 (DOT) see: ZH7070000
UN 2009 (DOT) see: ZH7070000
UN 2010 (DOT) see: OM3560000
UN 2011 (DOT) see: OM4200000
UN 2012 (DOT) see: TT4890000
UN 2013 (DOT) see: WL0175000
UN 2014 (DOT) see: MX0899000
UN 2014 (DOT) see: MX0899500
UN 2015 (DOT) see: MX0900000
UN 2018 (DOT) see: BX0350000
UN 2018 (DOT) see: BX0525000
UN 2018 (DOT) see: BX0700000
UN 2019 (DOT) see: BX0700000
UN 2019 (DOT) see: BX0525000
UN 2019 (DOT) see: BX0350000
UN 2020 (DOT) see: SK2625000
UN 2020 (DOT) see: SK2800000
UN 2020 (DOT) see: SK2450000
UN 2021 (DOT) see: SK2625000
UN 2021 (DOT) see: SK2450000
UN 2021 (DOT) see: SK2800000
UN 2022 (DOT) see: GO5950000
UN 2023 (DOT) see: TX4900000
UN 2027 (DOT) see: CG3675000
UN 2029 (DOT) see: MU7175000
UN 2030 (DOT) see: MU7175000
UN 2031 (DOT) see: QU5775000
UN 2032 (DOT) see: QU5900000
UN 2033 (DOT) see: TT3790000
UN 2034 (DOT) see: MX0850000
UN 2035 (DOT) see: KJ4100000
UN 2036 (DOT) see: ZE1280000
UN 2038 (DOT) see: XT1300000
UN 2044 (DOT) see: TY1190000
UN 2045 (DOT) see: NQ4025000
UN 2046 (DOT) see: GZ5949800
UN 2046 (DOT) see: GZ5949900
UN 2046 (DOT) see: GZ5950000
UN 2047 (DOT) see: UC8280000
UN 2048 (DOT) see: PC1050000
UN 2049 (DOT) see: CZ5600000
UN 2050 (DOT) see: SB2717000
UN 2051 (DOT) see: KK6125000
UN 2052 (DOT) see: OS8100000
UN 2053 (DOT) see: SA7350000
UN 2054 (DOT) see: QD6475000
UN 2055 (DOT) see: WL3675000
UN 2056 (DOT) see: LU5950000
UN 2057 (DOT) see: UD2794000
UN 2058 (DOT) see: YV3600000
UN 2059 (DOT) see: EE0390000
UN 2059 (DOT) see: QW0970000
UN 2060 (DOT) see: EE0390000
UN 2060 (DOT) see: QW0970000
UN 2067 (DOT) see: BR9073000
UN 2068 (DOT) see: BR9060000
UN 2069 (DOT) see: BR9075000
UN 2070 (DOT) see: BR9070000
UN 2074 (DOT) see: AS3325000
UN 2075 (DOT) see: FM7870000
UN 2076 (DOT) see: GO5950000
UN 2076 (DOT) see: GO6125000
UN 2076 (DOT) see: GO6300000
UN 2076 (DOT) see: GO6475000
UN 2077 (DOT) see: QM1400000
UN 2078 (DOT) see: NQ9490000
UN 2079 (DOT) see: IE1225000
UN 2080 (DOT) see: SA2400000
UN 2080 (DOT) see: SA2390000
UN 2082 (DOT) see: SD7864000
UN 2083 (DOT) see: SD7864100
UN 2084 (DOT) see: AP8550000
UN 2085 (DOT) see: DM8576200
UN 2085 (DOT) see: DM8575000
UN 2086 (DOT) see: DM8579000
UN 2087 (DOT) see: DM8577000
UN 2088 (DOT) see: DM8579000
UN 2089 (DOT) see: DM8576000
UN 2090 (DOT) see: DM8578000
UN 2091 (DOT) see: SD8247000
UN 2093 (DOT) see: EQ4902000
UN 2094 (DOT) see: EQ4903000
UN 2095 (DOT) see: SD8927300
UN 2096 (DOT) see: SD8927200
UN 2097 (DOT) see: SD9450000
UN 2098 (DOT) see: SD9460000
UN 2099 (DOT) see: ON4770000
UN 2099 (DOT) see: SE0650000
UN 2100 (DOT) see: ON4775000
UN 2100 (DOT) see: SE0651000
UN 2101 (DOT) see: ON4775000
UN 2101 (DOT) see: SE0651000
UN 2102 (DOT) see: ER2450000
UN 2103 (DOT) see: SD9502900
UN 2104 (DOT) see: SE0553000
UN 2105 (DOT) see: TI3678040
UN 2106 (DOT) see: JJ1780000
UN 2107 (DOT) see: JJ1778000
UN 2108 (DOT) see: JJ1778000
UN 2110 (DOT) see: SE0952000
UN 2111 (DOT) see: SD8424000
UN 2112 (DOT) see: SD8431000
UN 2112 (DOT) see: SD8431100
UN 2112 (DOT) see: SD8431500
UN 2113 (DOT) see: SD7875000
UN 2114 (DOT) see: SD7877000
UN 2115 (DOT) see: SD7877000
UN 2116 (DOT) see: MX2450000
UN 2117 (DOT) see: GW2040000
UN 2118 (DOT) see: GW2030000
UN 2119 (DOT) see: GW2030000
UN 2120 (DOT) see: HE0781500
UN 2121 (DOT) see: SD8150000
UN 2122 (DOT) see: SD9700000
UN 2123 (DOT) see: SD9679100
UN 2124 (DOT) see: OF2625000
UN 2125 (DOT) see: MX2500000
UN 2126 (DOT) see: SA9105550

UN 2127 (DOT) see: EL9480000
UN 2128 (DOT) see: NS7200000
UN 2128 (DOT) see: MP4666000
UN 2129 (DOT) see: SD8430000
UN 2130 (DOT) see: RA8435000
UN 2131 (DOT) see: SD8927000
UN 2131 (DOT) see: SD8750000
UN 2132 (DOT) see: UG7110000
UN 2133 (DOT) see: SD9800000
UN 2134 (DOT) see: SD9810000
UN 2135 (DOT) see: UF2031000
UN 2136 (DOT) see: MX2625000
UN 2137 (DOT) see: SD7880000
UN 2138 (DOT) see: SD7879000
UN 2139 (DOT) see: SD7879000
UN 2140 (DOT) see: YV6191200
UN 2141 (DOT) see: YV6191220
UN 2142 (DOT) see: SE0558000
UN 2143 (DOT) see: MO7280000
UN 2144 (DOT) see: SD9502500
UN 2145 (DOT) see: SD8600000
UN 2146 (DOT) see: SD8601000
UN 2147 (DOT) see: SD8602000
UN 2148 (DOT) see: GV8970000
UN 2148 (DOT) see: GW0695000
UN 2149 (DOT) see: SD9650000
UN 2150 (DOT) see: SD9675000
UN 2151 (DOT) see: SD9675000
UN 2151 (DOT) see: SD9675030
UN 2152 (DOT) see: SD9678000
UN 2153 (DOT) see: SD9678200
UN 2154 (DOT) see: SD9502700
UN 2155 (DOT) see: MO1835000
UN 2156 (DOT) see: MO1837000
UN 2157 (DOT) see: SE0551000
UN 2158 (DOT) see: MQ9750000
UN 2159 (DOT) see: MQ9760000
UN 2160 (DOT) see: EQ4910000
UN 2161 (DOT) see: SE0550000
UN 2162 (DOT) see: MX2625600
UN 2162 (DOT) see: MX2625800
UN 2162 (DOT) see: RC8860000
UN 2163 (DOT) see: SA9105400
UN 2164 (DOT) see: SD9750000
UN 2165 (DOT) see: XF0560000
UN 2166 (DOT) see: XF0562000
UN 2167 (DOT) see: XF0564000
UN 2168 (DOT) see: TX2939000
UN 2169 (DOT) see: SD9661000
UN 2170 (DOT) see: SD9660000
UN 2171 (DOT) see: MX2440000
UN 2171 (DOT) see: MX2445000
UN 2172 (DOT) see: SD9501500
UN 2173 (DOT) see: SD9501600
UN 2174 (DOT) see: MO1840000
UN 2174 (DOT) see: MX2625400
UN 2175 (DOT) see: SD9678500
UN 2176 (DOT) see: SD9900000
UN 2177 (DOT) see: SE0760000
UN 2178 (DOT) see: MX2570000
UN 2179 (DOT) see: SD8255000
UN 2180 (DOT) see: SD8255300
UN 2181 (DOT) see: SD8256000
UN 2182 (DOT) see: NQ5700400
UN 2183 (DOT) see: SD9507000
UN 2184 (DOT) see: ES7510000
UN 2185 (DOT) see: ES7512000
UN 2187 (DOT) see: FF6400000
UN 2188 (DOT) see: CG6475000
UN 2189 (DOT) see: VV3040000
UN 2190 (DOT) see: RS2100000
UN 2191 (DOT) see: WT5075000
UN 2192 (DOT) see: LY4900000
UN 2193 (DOT) see: KI4110000
UN 2194 (DOT) see: VS9450000
UN 2195 (DOT) see: WY2800000
UN 2196 (DOT) see: YO7720000
UN 2197 (DOT) see: MW3760000
UN 2198 (DOT) see: TH4070000
UN 2199 (DOT) see: SY7525000
UN 2200 (DOT) see: BA0400000
UN 2201 (DOT) see: QX1350000
UN 2202 (DOT) see: MX1050000
UN 2203 (DOT) see: VV1400000
UN 2204 (DOT) see: FG6400000
UN 2205 (DOT) see: AV2625000
UN 2209 (DOT) see: LP8925000
UN 2210 (DOT) see: OP0700000
UN 2211 (DOT) see: WL6475000
UN 2212 (DOT) see: CI6475000
UN 2213 (DOT) see: RV0540000
UN 2214 (DOT) see: TI3150000
UN 2215 (DOT) see: ON3675000
UN 2218 (DOT) see: AS4375000
UN 2219 (DOT) see: RR0875000
UN 2222 (DOT) see: BZ8050000
UN 2224 (DOT) see: DI2450000
UN 2225 (DOT) see: DB8750000
UN 2226 (DOT) see: XT9275000
UN 2227 (DOT) see: OZ3675000
UN 2228 (DOT) see: SJ8810000
UN 2228 (DOT) see: SJ8850000
UN 2228 (DOT) see: SJ8922500
UN 2229 (DOT) see: SJ8850000
UN 2229 (DOT) see: SJ8922500
UN 2229 (DOT) see: SJ8810000
UN 2232 (DOT) see: AB2450000
UN 2233 (DOT) see: BZ6255000
UN 2234 (DOT) see: XS9145000
UN 2234 (DOT) see: XS9143000
UN 2235 (DOT) see: XT0720000
UN 2236 (DOT) see: NQ8585000
UN 2237 (DOT) see: BX1399700
UN 2238 (DOT) see: XS9000000
UN 2238 (DOT) see: XS8990000
UN 2238 (DOT) see: XS9010000
UN 2239 (DOT) see: XU4650000
UN 2239 (DOT) see: XU5108000
UN 2239 (DOT) see: XU4700000
UN 2240 (DOT) see: WS6985000
UN 2241 (DOT) see: GU3140000
UN 2242 (DOT) see: GU4615000
UN 2243 (DOT) see: AG5075000
UN 2244 (DOT) see: GY4702000
UN 2245 (DOT) see: GY4725000
UN 2246 (DOT) see: GY5950000
UN 2247 (DOT) see: HD6550000
UN 2248 (DOT) see: HR7780000
UN 2249 (DOT) see: KN1575000
UN 2250 (DOT) see: NQ8755000
UN 2252 (DOT) see: KI1451000
UN 2253 (DOT) see: BX4725000
UN 2256 (DOT) see: GW2500000
UN 2257 (DOT) see: TS6460000
UN 2258 (DOT) see: TX6650000
UN 2259 (DOT) see: YE6650000
UN 2260 (DOT) see: TX1575000
UN 2261 (DOT) see: ZE5425000
UN 2262 (DOT) see: FD4200000
UN 2263 (DOT) see: GV0200000
UN 2263 (DOT) see: GV0193000
UN 2263 (DOT) see: GV0190000
UN 2264 (DOT) see: GX1198000
UN 2265 (DOT) see: LQ2100000
UN 2266 (DOT) see: UI0990000
UN 2267 (DOT) see: SZ5991500
UN 2269 (DOT) see: JL9450000
UN 2270 (DOT) see: KH2155000
UN 2271 (DOT) see: RH1485000
UN 2272 (DOT) see: BX9780000
UN 2273 (DOT) see: BX9800000
UN 2274 (DOT) see: DP5260000
UN 2275 (DOT) see: EL3850000
UN 2276 (DOT) see: MQ5250000
UN 2277 (DOT) see: OZ4550000
UN 2278 (DOT) see: MJ8815000
UN 2279 (DOT) see: EJ0700000
UN 2280 (DOT) see: MO1180000
UN 2281 (DOT) see: MO1740000
UN 2282 (DOT) see: MQ4250000
UN 2282 (DOT) see: MQ4025000
UN 2283 (DOT) see: OZ4900000
UN 2284 (DOT) see: TZ4900000
UN 2285 (DOT) see: NR0200500
UN 2286 (DOT) see: MJ1355000
UN 2287 (DOT) see: NR2940000
UN 2288 (DOT) see: NR2975800
UN 2289 (DOT) see: GV6129000
UN 2290 (DOT) see: NQ9370000
UN 2293 (DOT) see: SA9185000
UN 2294 (DOT) see: BY4550000
UN 2295 (DOT) see: AF9500000
UN 2296 (DOT) see: GV6125000
UN 2297 (DOT) see: GW1575000
UN 2298 (DOT) see: GY4640000
UN 2299 (DOT) see: AG6625000
UN 2300 (DOT) see: TJ6825000
UN 2301 (DOT) see: LU2625000
UN 2302 (DOT) see: MP3850000
UN 2303 (DOT) see: WL5075300
UN 2304 (DOT) see: QJ0525000
UN 2305 (DOT) see: DB7184000
UN 2306 (DOT) see: XT3500000
UN 2306 (DOT) see: XT3480000
UN 2306 (DOT) see: XT3510000
UN 2307 (DOT) see: XS9140000
UN 2308 (DOT) see: QZ7886700
UN 2309 (DOT) see: RG5200000
UN 2310 (DOT) see: SA1925000
UN 2313 (DOT) see: UT5425000
UN 2311 (DOT) see: SI6465300
UN 2311 (DOT) see: SI6465500
UN 2312 (DOT) see: SJ3325000
UN 2313 (DOT) see: TJ5000000
UN 2313 (DOT) see: TJ4900000
UN 2315 (DOT) see: TQ1350000
UN 2316 (DOT) see: GS2169400
UN 2317 (DOT) see: GS2169400
UN 2318 (DOT) see: WE1900000
UN 2320 (DOT) see: KH8585000
UN 2321 (DOT) see: DC2100000
UN 2321 (DOT) see: DC2095000
UN 2321 (DOT) see: DC2090000
UN 2321 (DOT) see: DC2100100
UN 2322 (DOT) see: EM9045000
UN 2323 (DOT) see: TH1130000
UN 2324 (DOT) see: UD1150000
UN 2325 (DOT) see: OX6825000
UN 2326 (DOT) see: GX1806000
UN 2327 (DOT) see: MO1451200
UN 2328 (DOT) see: MO1760000
UN 2330 (DOT) see: YQ1525000
UN 2331 (DOT) see: ZH1400000
UN 2332 (DOT) see: AB2975000
UN 2333 (DOT) see: AF1750000
UN 2334 (DOT) see: BA5425000
UN 2335 (DOT) see: KM9120000
UN 2336 (DOT) see: LQ9800000

UN 2337 (DOT) see: DC0525000
UN 2338 (DOT) see: XT9450000
UN 2339 (DOT) see: EJ6228000
UN 2340 (DOT) see: KN3950000
UN 2341 (DOT) see: EJ6230000
UN 2342 (DOT) see: TX4140000
UN 2342 (DOT) see: TX4150000
UN 2343 (DOT) see: RZ9800000
UN 2344 (DOT) see: TX4110000
UN 2344 (DOT) see: TX4111000
UN 2345 (DOT) see: UK4375000
UN 2346 (DOT) see: EK2625000
UN 2346 (DOT) see: WM3200000
UN 2347 (DOT) see: EK6300000
UN 2348 (DOT) see: UD3150000
UN 2350 (DOT) see: KN5240000
UN 2351 (DOT) see: RA0780000
UN 2352 (DOT) see: KN5950000
UN 2353 (DOT) see: EU5523000
UN 2354 (DOT) see: KN6430000
UN 2356 (DOT) see: TX4410000
UN 2357 (DOT) see: GX0700000
UN 2358 (DOT) see: GY0175600
UN 2359 (DOT) see: UC6650000
UN 2360 (DOT) see: KN7525000
UN 2361 (DOT) see: TX1750000
UN 2362 (DOT) see: KI0175000
UN 2363 (DOT) see: KI9625000
UN 2364 (DOT) see: DA8750000
UN 2366 (DOT) see: FF9800000
UN 2367 (DOT) see: YV4150000
UN 2368 (DOT) see: DT5078500
UN 2368 (DOT) see: DT7000000
UN 2369 (DOT) see: KJ8575000
UN 2370 (DOT) see: MP6600100
UN 2371 (DOT) see: EM7520000
UN 2372 (DOT) see: KV7175000
UN 2373 (DOT) see: PA8500000
UN 2374 (DOT) see: AS1370000
UN 2375 (DOT) see: LC7200000
UN 2376 (DOT) see: UP7710000
UN 2376 (DOT) see: UP7600000
UN 2377 (DOT) see: AB2825000
UN 2378 (DOT) see: AL9450000
UN 2379 (DOT) see: EO4460000
UN 2380 (DOT) see: VV3590000
UN 2381 (DOT) see: JO1927500
UN 2382 (DOT) see: MV2625000
UN 2383 (DOT) see: JL9200000
UN 2384 (DOT) see: UJ5125000
UN 2385 (DOT) see: NQ4675000
UN 2386 (DOT) see: TN0250000
UN 2387 (DOT) see: DA0800000
UN 2388 (DOT) see: XT2579000
UN 2388 (DOT) see: XT2580000
UN 2388 (DOT) see: XT2578000
UN 2389 (DOT) see: LT8524000
UN 2390 (DOT) see: EK4410000
UN 2391 (DOT) see: TZ4230000
UN 2392 (DOT) see: TZ4050000
UN 2393 (DOT) see: LQ8650000
UN 2394 (DOT) see: UF4930000
UN 2395 (DOT) see: NQ5630000
UN 2396 (DOT) see: OZ2625000
UN 2398 (DOT) see: KN5250000
UN 2399 (DOT) see: TN1225000
UN 2400 (DOT) see: NY1510000
UN 2401 (DOT) see: TM3500000
UN 2402 (DOT) see: TZ7300000
UN 2402 (DOT) see: TZ7302000
UN 2403 (DOT) see: UD4200000
UN 2404 (DOT) see: UF9625000
UN 2405 (DOT) see: ET5036000
UN 2406 (DOT) see: NQ5320000
UN 2407 (DOT) see: LQ6475000
UN 2408 (DOT) see: LQ8750000
UN 2409 (DOT) see: UF5140000
UN 2410 (DOT) see: UT8226000
UN 2411 (DOT) see: ET8750000
UN 2412 (DOT) see: XN0370000
UN 2413 (DOT) see: UH8840000
UN 2414 (DOT) see: XM7350000
UN 2416 (DOT) see: ED5600000
UN 2417 (DOT) see: FG6125000
UN 2418 (DOT) see: WT4800000
UN 2419 (DOT) see: KU8830000
UN 2420 (DOT) see: UC2450000
UN 2421 (DOT) see: QX1960000
UN 2422 (DOT) see: EM8980000
UN 2424 (DOT) see: TZ5255000
UN 2426 (DOT) see: BR9050000
UN 2427 (DOT) see: FO0350000
UN 2428 (DOT) see: FO0525000
UN 2429 (DOT) see: FN9800000
UN 2431 (DOT) see: BZ5410000
UN 2432 (DOT) see: BX3400000
UN 2433 (DOT) see: XS9132000
UN 2434 (DOT) see: VV2977000
UN 2435 (DOT) see: VV3270000
UN 2436 (DOT) see: AJ5600000
UN 2437 (DOT) see: VV3530000
UN 2438 (DOT) see: AO7200000
UN 2439 (DOT) see: WB0350010
UN 2440 (DOT) see: XP8870000
UN 2441 (DOT) see: XR1924000
UN 2441 (DOT) see: XR1926300
UN 2442 (DOT) see: AO7140000
UN 2443 (DOT) see: YW2975000
UN 2444 (DOT) see: YW2625000
UN 2446 (DOT) see: QW2230000
UN 2447 (DOT) see: TH3500000
UN 2448 (DOT) see: WS4250000
UN 2451 (DOT) see: QX1925000
UN 2452 (DOT) see: ER9553000
UN 2453 (DOT) see: KI3650000
UN 2454 (DOT) see: PA9154000
UN 2456 (DOT) see: UC7200000
UN 2457 (DOT) see: EJ9350000
UN 2458 (DOT) see: MM1996000
UN 2459 (DOT) see: EL9100000
UN 2459 (DOT) see: EM7550000
UN 2460 (DOT) see: EM7650000
UN 2460 (DOT) see: EM7520000
UN 2461 (DOT) see: RZ2473000
UN 2462 (DOT) see: SA2994000
UN 2462 (DOT) see: SA2995000
UN 2462 (DOT) see: SA2995500
UN 2463 (DOT) see: BD0930000
UN 2464 (DOT) see: DS3675000
UN 2465 (DOT) see: XZ1850000
UN 2465 (DOT) see: XZ1845000
UN 2465 (DOT) see: XZ1900000
UN 2466 (DOT) see: TT6053000
UN 2467 (DOT) see: WD3490000
UN 2467 (DOT) see: SD9920000
UN 2468 (DOT) see: XZ1925000
UN 2469 (DOT) see: EF8760000
UN 2470 (DOT) see: AM1400000
UN 2471 (DOT) see: RN1140000
UN 2472 (DOT) see: NK6300000
UN 2473 (DOT) see: CF9625000
UN 2474 (DOT) see: XN2450000
UN 2475 (DOT) see: YW2800000
UN 2477 (DOT) see: PA9625000
UN 2480 (DOT) see: NQ9450000
UN 2481 (DOT) see: NQ8825000
UN 2482 (DOT) see: NR0190000
UN 2483 (DOT) see: NQ9230000
UN 2484 (DOT) see: NQ8300000
UN 2485 (DOT) see: NQ8250000
UN 2486 (DOT) see: NQ9208000
UN 2487 (DOT) see: DA3675000
UN 2488 (DOT) see: NQ8650000
UN 2489 (DOT) see: NQ9350000
UN 2490 (DOT) see: KN1750000
UN 2491 (DOT) see: KJ5775000
UN 2493 (DOT) see: CM3150000
UN 2495 (DOT) see: NN1770000
UN 2496 (DOT) see: UF9100000
UN 2497 (DOT) see: SM8780000
UN 2498 (DOT) see: GW2800000
UN 2501 (DOT) see: SZ1750000
UN 2502 (DOT) see: YV9107500
UN 2503 (DOT) see: ZH7175000
UN 2504 (DOT) see: KI8221000
UN 2504 (DOT) see: KI8225000
UN 2505 (DOT) see: BQ6300000
UN 2506 (DOT) see: BS4500000
UN 2507 (DOT) see: TP1500000
UN 2508 (DOT) see: QA4690000
UN 2509 (DOT) see: TS7200000
UN 2511 (DOT) see: UE8550000
UN 2512 (DOT) see: SJ4950000
UN 2512 (DOT) see: SJ4900000
UN 2512 (DOT) see: SJ5075000
UN 2513 (DOT) see: AO5956000
UN 2514 (DOT) see: CY9000000
UN 2515 (DOT) see: PB5600000
UN 2516 (DOT) see: FG4725000
UN 2517 (DOT) see: KH7650000
UN 2517 (DOT) see: KH7630000
UN 2518 (DOT) see: GU2308000
UN 2520 (DOT) see: GX9600000
UN 2521 (DOT) see: RQ8225000
UN 2522 (DOT) see: OZ4200000
UN 2524 (DOT) see: RM6475000
UN 2525 (DOT) see: RO2800000
UN 2526 (DOT) see: LU9275000
UN 2527 (DOT) see: AT2100000
UN 2528 (DOT) see: NQ5250000
UN 2529 (DOT) see: NQ4375000
UN 2530 (DOT) see: NQ5550000
UN 2534 (DOT) see: VV2150000
UN 2535 (DOT) see: QE5775000
UN 2536 (DOT) see: LU6208000
UN 2536 (DOT) see: AJ8380000
UN 2538 (DOT) see: QJ9710000
UN 2541 (DOT) see: WZ6870000
UN 2542 (DOT) see: YA0350000
UN 2545 (DOT) see: MG4600000
UN 2546 (DOT) see: XR1701000
UN 2546 (DOT) see: XR1700000
UN 2547 (DOT) see: WE2860010
UN 2548 (DOT) see: FO2975000
UN 2550 (DOT) see: EL9470000
UN 2552 (DOT) see: UC2625000
UN 2553 (DOT) see: DE3030000
UN 2553 (DOT) see: GF8635000
UN 2554 (DOT) see: UC8050000
UN 2555 (DOT) see: QW0975100
UN 2556 (DOT) see: QW0975200
UN 2556 (DOT) see: QW0976000
UN 2557 (DOT) see: QW0980200
UN 2558 (DOT) see: TX4115000
UN 2560 (DOT) see: SA7340000
UN 2561 (DOT) see: EM7600000
UN 2562 (DOT) see: SE0557000
UN 2564 (DOT) see: AJ7875000

UN 2565 (DOT) see: HY4025000
UN 2567 (DOT) see: SM6490000
UN 2570 (DOT) see: EU9935000
UN 2571 (DOT) see: WT1101700
UN 2572 (DOT) see: MV8925000
UN 2573 (DOT) see: FO0600000
UN 2574 (DOT) see: TD0175000
UN 2576 (DOT) see: TH4750000
UN 2577 (DOT) see: AO7000000
UN 2578 (DOT) see: TH4517000
UN 2579 (DOT) see: TK7800000
UN 2580 (DOT) see: BD0350000
UN 2581 (DOT) see: BD0525000
UN 2582 (DOT) see: LJ9100000
UN 2583 (DOT) see: XT6275000
UN 2584 (DOT) see: XT6275000
UN 2585 (DOT) see: XT7350700
UN 2586 (DOT) see: XT7350700
UN 2587 (DOT) see: DK2625000
UN 2587 (DOT) see: DK2490000
UN 2589 (DOT) see: AG2850000
UN 2590 (DOT) see: CI6475000
UN 2591 (DOT) see: ZE1280000
UN 2592 (DOT) see: SD9870000
UN 2593 (DOT) see: XV1660400
UN 2594 (DOT) see: SE0750000
UN 2595 (DOT) see: SD9950000
UN 2596 (DOT) see: TI3693000
UN 2597 (DOT) see: SD8245000
UN 2597 (DOT) see: JH7528000
UN 2598 (DOT) see: ES7511000
UN 2599 (DOT) see: PA6420000
UN 2600 (DOT) see: FG3582000
UN 2601 (DOT) see: GT9895000
UN 2602 (DOT) see: PA8264000
UN 2603 (DOT) see: GU3675000
UN 2604 (DOT) see: KX7375000
UN 2605 (DOT) see: NQ9240000
UN 2606 (DOT) see: VV9800000
UN 2607 (DOT) see: UP6825000
UN 2608 (DOT) see: TZ5250000
UN 2608 (DOT) see: TZ5075000
UN 2609 (DOT) see: ED4810000
UN 2610 (DOT) see: XX5950000
UN 2611 (DOT) see: UA8925000
UN 2612 (DOT) see: KO2280000
UN 2614 (DOT) see: UD5250000
UN 2615 (DOT) see: KO0600000
UN 2616 (DOT) see: ED5950000
UN 2617 (DOT) see: GW0175000
UN 2618 (DOT) see: WL5075200
UN 2619 (DOT) see: DP4500000
UN 2620 (DOT) see: ET5956100
UN 2620 (DOT) see: ET5034000
UN 2620 (DOT) see: ET5485000
UN 2620 (DOT) see: ET5956000
UN 2620 (DOT) see: ET5950700
UN 2621 (DOT) see: EL8790000
UN 2622 (DOT) see: MB3150000
UN 2624 (DOT) see: OM4567000
UN 2626 (DOT) see: FN9750000
UN 2628 (DOT) see: AH8800000
UN 2629 (DOT) see: AH9100000
UN 2630 (DOT) see: VS7350000
UN 2642 (DOT) see: AH5950000
UN 2643 (DOT) see: AF6300000
UN 2644 (DOT) see: PA9450000
UN 2645 (DOT) see: AM5978400
UN 2646 (DOT) see: GY1225000
UN 2647 (DOT) see: OO3150000
UN 2648 (DOT) see: EL7380000
UN 2649 (DOT) see: UC1430000
UN 2650 (DOT) see: KI1050000
UN 2651 (DOT) see: BY5425000
UN 2653 (DOT) see: XT2830000
UN 2655 (DOT) see: VV8400000
UN 2656 (DOT) see: VA9275000
UN 2657 (DOT) see: VS8925000
UN 2658 (DOT) see: VS7700000
UN 2659 (DOT) see: AG1400000
UN 2660 (DOT) see: XU8040000
UN 2660 (DOT) see: XU8226500
UN 2660 (DOT) see: XU8150000
UN 2661 (DOT) see: UC2100000
UN 2662 (DOT) see: MX3500000
UN 2664 (DOT) see: PA7350000
UN 2666 (DOT) see: AG4110000
UN 2667 (DOT) see: XS8390000
UN 2667 (DOT) see: XS8150000
UN 2667 (DOT) see: XS8300000
UN 2668 (DOT) see: AL8225000
UN 2669 (DOT) see: GO7092000
UN 2669 (DOT) see: GO7093000
UN 2669 (DOT) see: GO7094000
UN 2670 (DOT) see: XZ1400000
UN 2671 (DOT) see: US1650000
UN 2671 (DOT) see: US1575000
UN 2671 (DOT) see: US1750000
UN 2673 (DOT) see: SJ5700000
UN 2674 (DOT) see: VV8410000
UN 2675 (DOT) see: HM0354200
UN 2676 (DOT) see: WJ0700000
UN 2677 (DOT) see: VL8750000
UN 2678 (DOT) see: VL8750000
UN 2679 (DOT) see: OJ6307070
UN 2680 (DOT) see: OJ6307080
UN 2681 (DOT) see: FK9800000
UN 2682 (DOT) see: FK9800000
UN 2683 (DOT) see: BS4920000
UN 2684 (DOT) see: TX7350000
UN 2685 (DOT) see: TK7800000
UN 2686 (DOT) see: KK5075000
UN 2687 (DOT) see: HY4195000
UN 2688 (DOT) see: TX4113000
UN 2689 (DOT) see: TY4025000
UN 2690 (DOT) see: NI3565000
UN 2691 (DOT) see: TH3980000
UN 2692 (DOT) see: ED7400000
UN 2698 (DOT) see: GW5775000
UN 2699 (DOT) see: AJ9625000
UN 2703 (DOT) see: TZ7302000
UN 2704 (DOT) see: TZ7300000
UN 2705 (DOT) see: SB4960000
UN 2706 (DOT) see: SA5075000
UN 2707 (DOT) see: JH0350000
UN 2707 (DOT) see: JH0370000
UN 2708 (DOT) see: EL4725000
UN 2709 (DOT) see: CY9070000
UN 2709 (DOT) see: CY9120000
UN 2709 (DOT) see: CY9100000
UN 2710 (DOT) see: MJ5600000
UN 2711 (DOT) see: CZ1780000
UN 2713 (DOT) see: AR7175000
UN 2714 (DOT) see: VG7116000
UN 2715 (DOT) see: BD1430000
UN 2716 (DOT) see: ES0525000
UN 2717 (DOT) see: EX1225000
UN 2718 (DOT) see: BD2208000
UN 2719 (DOT) see: EF8715000
UN 2720 (DOT) see: GB6280000
UN 2721 (DOT) see: FN9860000
UN 2722 (DOT) see: QU9200000
UN 2723 (DOT) see: FO0175000
UN 2724 (DOT) see: QU9780000
UN 2725 (DOT) see: QR7200000
UN 2726 (DOT) see: RA1080000
UN 2727 (DOT) see: XG5950000
UN 2728 (DOT) see: ZH8750000
UN 2729 (DOT) see: DA2975000
UN 2730 (DOT) see: BZ8787000
UN 2730 (DOT) see: BZ8790000
UN 2730 (DOT) see: BZ8800000
UN 2732 (DOT) see: CY9040450
UN 2732 (DOT) see: CY9040500
UN 2732 (DOT) see: CY9040550
UN 2738 (DOT) see: BW9450000
UN 2739 (DOT) see: ET7090000
UN 2740 (DOT) see: LQ6830000
UN 2741 (DOT) see: NH3480000
UN 2742 (DOT) see: LQ5650000
UN 2743 (DOT) see: LQ5890000
UN 2744 (DOT) see: FG3650000
UN 2745 (DOT) see: LQ5970000
UN 2746 (DOT) see: FG3850000
UN 2747 (DOT) see: FG3655000
UN 2748 (DOT) see: FG3660000
UN 2749 (DOT) see: VV5705400
UN 2750 (DOT) see: UB1400000
UN 2751 (DOT) see: TD1780000
UN 2752 (DOT) see: TZ3200000
UN 2753 (DOT) see: XU3676000
UN 2754 (DOT) see: XU6400000
UN 2754 (DOT) see: XU6440000
UN 2754 (DOT) see: XU6450000
UN 2755 (DOT) see: SD9480000
UN 2783 (DOT) see: TD3675000
UN 2785 (DOT) see: UE2285000
UN 2789 (DOT) see: AF1225000
UN 2789 (DOT) see: AF1340000
UN 2790 (DOT) see: AF1225000
UN 2790 (DOT) see: AF1300000
UN 2796 see: WS5610000
UN 2798 (DOT) see: TB2478000
UN 2799 (DOT) see: TB2200000
UN 2799 (DOT) see: TD4410000
UN 2802 (DOT) see: GL7000000
UN 2803 (DOT) see: LW8600000
UN 2805 (DOT) see: OJ6300000
UN 2806 (DOT) see: OJ6325000
UN 2809 (DOT) see: OV4550000
UN 2812 (DOT) see: BD1600000
UN 2815 (DOT) see: TK8050000
UN 2818 (DOT) see: BS4027000
UN 2819 (DOT) see: TC6700000
UN 2820 (DOT) see: ES5425000
UN 2821 (DOT) see: SJ3325000
UN 2822 (DOT) see: US5950000
UN 2823 (DOT) see: GQ2800000
UN 2825 (DOT) see: KK5950000
UN 2826 (DOT) see: LQ6950000
UN 2830 (DOT) see: OJ6310000
UN 2831 (DOT) see: KJ2975000
UN 2834 (DOT) see: SZ6475500
UN 2835 (DOT) see: BD0180000
UN 2837 (DOT) see: VZ1860000
UN 2838 (DOT) see: ET7000000
UN 2839 (DOT) see: ES3150000
UN 2840 (DOT) see: ES3500000
UN 2841 (DOT) see: RZ9100000
UN 2842 (DOT) see: KI5600000
UN 2844 (DOT) see: EW2928000
UN 2845 (DOT) see: ZH2070000
UN 2849 (DOT) see: UA8930000
UN 2850 (DOT) see: UD1950000
UN 2851 (DOT) see: ED2285000
UN 2852 (DOT) see: TJ9940000
UN 2853 (DOT) see: VV8575000
UN 2854 (DOT) see: GQ9450000

UN 2855 (DOT) see: VV8754000
UN 2858 (DOT) see: ZH7070000
UN 2859 (DOT) see: YW0875000
UN 2860 (DOT) see: YW3050000
UN 2861 (DOT) see: YW1750000
UN 2862 (DOT) see: YW2450000
UN 2863 (DOT) see: YW1100000
UN 2864 (DOT) see: YW1080000
UN 2865 (DOT) see: NC5425000
UN 2868 (DOT) see: VG7110000
UN 2869 (DOT) see: XR1926200
UN 2870 (DOT) see: ED3200000
UN 2871 (DOT) see: CC7025000
UN 2872 (DOT) see: TX8750000
UN 2873 (DOT) see: KK3850000
UN 2874 (DOT) see: LU9100000
UN 2875 (DOT) see: SM0700000
UN 2876 (DOT) see: VG9625000
UN 2877 (DOT) see: YU2800000
UN 2879 (DOT) see: VS7000000
UN 2880 (DOT) see: NH3485700
UN 2880 (DOT) see: NH3465000
UN 2883 (DOT) see: SD8422000
UN 2884 (DOT) see: SD8423000
UN 2885 (DOT) see: SD8255800
UN 2888 (DOT) see: MO7285000
UN 2889 (DOT) see: SD9830000
UN 2890 (DOT) see: SD9455000
UN 2891 (DOT) see: SE0780000
UN 2892 (DOT) see: SD9951000
UN 2893 (DOT) see: OF2625500
UN 2894 (DOT) see: SD9502800
UN 2895 (DOT) see: SD9760000
UN 2896 (DOT) see: GW2029000
UN 2896 (DOT) see: GW2030000
UN 2897 (DOT) see: SD8255600
UN 2898 (DOT) see: SE0540000
UN 2901 (DOT) see: EF9220000
UN 2906 (DOT) see: XZ1965000
UN 2906 (DOT) see: NQ9370000
UN 2907 (DOT) see: LZ4386000
UN 2931 (DOT) see: YW1925000
UN 2933 (DOT) see: UE9100000
UN 2934 (DOT) see: UE8947000
UN 2935 (DOT) see: UE8870000
UN 2936 (DOT) see: UF5250000
UN 2937 (DOT) see: DO9275000
UN 2941 (DOT) see: BY1390000
UN 2940 (DOT) see: SY6476000
UN 2942 (DOT) see: XU9210000
UN 2943 (DOT) see: LV0175000
UN 2944 (DOT) see: BY1575000
UN 2945 (DOT) see: EO5250000
UN 2946 (DOT) see: SA0242000
UN 2947 (DOT) see: AF9300000
UN 2948 (DOT) see: XU9180000
UN 2949 (DOT) see: WE1911000
UN 2950 (DOT) see: OM2100000
UN 2952 (DOT) see: UG0800000
UN 2953 (DOT) see: YV8198000
UN 2954 (DOT) see: GU7420000
UN 2955 (DOT) see: YV8198200
UN 2957 (DOT) see: SE0980000
UN 2958 (DOT) see: SD9278000
UN 2960 (DOT) see: SD9679100
UN 2962 (DOT) see: UF2031100
UN 2963 (DOT) see: SE0770000
UN 2964 (DOT) see: SE0965000
UN 2966 (DOT) see: KL5600000
UN 2967 (DOT) see: WO5950000
UN 2968 (DOT) see: OP0700000
UN 2969 (DOT) see: FI4095000
UN 2983 (DOT) see: KX2850000
UN 2989 (DOT) see: OG2880000
UNIBARYT see: CR0600000
UNICELLES see: CQ1750000
2-NITRO-p-PHENYLENEDIAMINE see: ST3000000
UNICEL-ND see: XA5250000
UNICEL NDX see: XA5250000
UNICHEM see: KV0350000
UNICHLOR see: RV0450000
UNICHLOR 50 see: RV0450000
UNICIN see: QI9100000
UNICOCYDE see: NS1750000
UNICOZYDE see: NS1750000
UNICROP CIPC see: FD8050000
UNICROP DNBP see: SJ9800000
UNICROP MANEB see: OP0700000
UNIDASA see: MT7260000
UNIDIGIN see: IH2275000
UNIDOCAN see: HG0525000
UNIDONE see: NK5775300
UNIDRON see: YS8925000
UNIFLEX BYO see: RG3711000
UNIFLEX BYS see: WI2900000
UNIFLEX DOA see: AU9700000
UNIFLEX DOS see: VS1000000
UNIFOAM AZ see: LQ1040000
UNIFORM AZ see: LQ1040000
UNIFOS see: TC0350000
UNIFOS DYOB S see: TQ3325000
UNIFOS 50 EC see: TC0350000
UNIFOS EFD 0118 see: TQ3325000
UNIFUME see: KH9275000
UNIFUR see: RQ3620000
UNI-GUAR see: MG0185000
UNILAX see: NM3250000
UNILORD see: ZG0350000
UNIMATE GMS see: RG1925000
UNIMATE IPP see: RT4900000
UNIMOLL BB see: TH9990000
UNIMYCETIN see: AB6825000
UNIMYCIN see: QI9100000
UNION BLACK EM see: QJ6160000
OB-UNION CARBIDE see: MP0700000
UNION CARBIDE 7,744 see: FC5950000
UNION CARBIDE 10854 see: FB7875000
UNION CARBIDE 19786 see: FF9100000
UNION CARBIDE 20299 see: AS6475000
UNION CARBIDE 21149 see: UE2275000
UNION CARBIDE A-150 see: VV6125000
UNION CARBIDE A-151 see: VV6700000
UNION CARBIDE A-186 see: VV4000000
UNION CARBIDE A-187 see: VV4025000
UNION CARBIDE A-189 see: TZ7800000
UNION CARBIDE LIQUID G see: JT6485000
UNION CARBIDE UC-8305 see: SY6475000
UNION CARBIDE UC-8454 see: FC7700000
UNION CARBIDE UC-9880 see: FB8050000
UNION CARBIDE UC-10,854 see: FB7875000
UNION CARBIDE UC 20047 see: RB7700000
UNION CARBIDE UC-20047 see: RB6962600
UNION CARBIDE UC-21149 see: UE2275000
UNION CARBIDE UC-22878 see: RB7780000
UNION CARBIDE UC-23395 see: EL9150000
UNION CARBIDE UC-23527 see: GY5120000
UNION CARBIDE UC-23619 see: GY2510000
UNION CARBIDE UC-23746 see: GW1800000
UNION CARBIDE UC-25074 see: FB9880000
UNION CARBIDE UC-30045 see: FD9275000
UNION DARK GREEN B see: QJ6195050
UNION FAST SCARLET 3B see: QJ6476000
UNIPAQUE see: LZ4315000
UNIPINE see: TK5100000
UNIPON see: UF0690000
UNIPON see: UF1225000
UNIPROFEN see: DM4447000
UNIROYAL see: QL7525000
UNIROYAL C-912 see: WT3750000
UNIROYAL D014 see: WT2900000
UNIROYAL F849 see: XJ2700000
UNISEDIL see: DF1575000
UNISOL 4-0 see: MD0860000
UNISOL RH see: FJ5950000
UNISOM see: US9275000
UNISOMNIA see: DF2450000
UNISTRADIOL see: KG4050000
UNISULF see: WO9100000
UNITANE 0-110 see: XR2275000
UNITANE 0-220 see: XR2275000
UNITANE OR-150 see: XR2275000
UNITANE OR-340 see: XR2275000
UNITANE OR-342 see: XR2275000
UNITANE OR-350 see: XR2275000
UNITANE OR-540 see: XR2275000
UNITANE OR-640 see: XR2275000
UNITED CHEMICAL DEFOLIANT NO. 1 see: FO0525000
UNITENE see: OS8100000
UNITENSEN see: SO1750000
UNITENSEN see: ZG0350000
UNITERTRACID GREEN BS see: BQ1150000
UNITERTRACID LIGHT ORANGE G see: QJ6500000
UNITERTRACID RED 2G see: QJ6030000
UNITERTRACID YELLOW TE see: UQ6400000
UNITESTON see: XA3115000
UNITOX see: TB8750000
UNIVERM see: FG4900000
UNIVOL U 316S see: QH4375000
UNJECOL 50 see: RG4120000
UNJECOL 70 see: RG4120000
UNJECOL 90 see: RG4120000
UNJECOL 110 see: RG4120000
UNON P see: KX4025000
UNOSPASTON see: BR1210000
UNOX 201 see: RN7700000
UNOXAT EPOXIDE 269 see: OS9100000
UNOX EPOXIDE 201 see: RN7700000
UNOX EPOXIDE 206 see: RN8640000
UP 1 see: WL6475000
UP 2 see: WL6475000
UP 27 see: WL6475000
UP 925 see: KV9750000
UPALEY see: GN1775000
UP 1E see: WL6478000
UPIOL see: YS3150000
UPJOHN U-12379 see: EY8320000
UPJOHN U-12,927 see: FB6825000
UPJOHN U-18120 see: FB3960000
UPJOHN U-20493 see: EY8350000
UPJOHN U-22023 see: FC5330000
UPJOHN U-22024 see: FC6710000
UPJOHN U-24157 see: EY8300000
UPJOHN U-32714 see: TB1750000
UPJOHN U-36059 see: ZF0480000
UPM see: WL6475000
UPM703 see: WL6475000
UPM508L see: WL6475000
U 1 (POLYMER) see: KV0350000
UR 58 see: DT4393400
UR 59 see: DT4393500
UR 62 see: DT4393800
UR 73 see: DT4394300
UR 83 see: DT4394100
UR 88 see: DT4393200
UR 93 see: DT4393900
UR 94 see: DT4393700
UR 107 see: DT4394400
UR 108 see: DT4394200

UR 109 see: DT4393600
UR 111 see: DT4393300
UR 336 see: UF0654000
UR 389 see: CU8702300
UR 606 see: YS4725200
URAB see: AJ8225000

YQ8650000 URACIL
UPDT 8412 CAS: 66-22-8 MW: 112.10 MOLFM: C4-H4-N2-O2
SYN: 2,4-DIHYDROXYPYRIMIDINE * 2,4-DIOXOPYRIMIDINE * HYBAR X * PIROD * 2,4-PYRIMIDINEDIOL * 2,4-PYRIMIDINEDIONE * 2,4(1H,3H)-PYRIMIDINEDIONE (9CI) * PYROD
MUTATION DATA AND REFERENCES:
pic-esc 1 gm/L ZAPOAK 12,583,72
cyt-mus-ipr 15 mg/kg NULSAK 19,40,76
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T48T53T85 orl-rat TDLo:18 gm/kg (17-22D preg/21D post) OYYAA2 22,109,81
2T34T46 orl-rat TDLo:15400 mg/kg (7-17D preg) OYYAA2 22,85,81
1173 orl-rat TDLo:616 mg/kg (7-17D preg) OYYAA2 22,85,81
TOXICITY DATA AND REFERENCES:
2F07F17 ipr-mus LD50:1513 mg/kg JPETAB 207,504,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YQ8665000 URACIL, 1-ALLYL-6-AMINO-3-ETHYL-
UPDT 8403 CAS: 642-44-4 MW: 195.25 MOLFM: C9-H13-N3-O2
SYN: ALACIL * ALLACYL * 1-ALLYL-6-AMINO-3-ETHYL-2,4(1H,3H)-PYRIMIDINEDIONE * 1-ALLYL-6-AMINO-3-ETHYLURACIL * 1-ALLYL-3-ETHYL-6-AMINOTETRAHYDROPYRIMIDINEDIONE * 1-ALLYL-3-ETHYL-6-AMINO-1,2,3,4-TETRAHYDRO-2,4-PYRIMIDINEDIONE * 6-AMINO-3-ETHYL-1-(2-PROPENYL)-2,4(1H,3H-)-PYRIMIDINEDIONE * AMINOMETRADINE * AMINOMETRAMIDE * CATAPYRIN * 1-ETHYL-3-ALLYL-6-AMINOURACIL * KATAPYRIN * MICTINE * MINCARD * S.C. 3497
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2300 mg/kg FEPRA7 14,392,55
ipr-rat LD50:500 mg/kg CLDND*
orl-mus LD50:1740 mg/kg MDCHAG 1,24,63
ipr-mus LD50:560 mg/kg CLDND*

YQ8740000 URACIL, 5-AMINO-
UPDT 8305 CAS: 932-52-5 MW: 127.12 MOLFM: C4-H5-N3-O2
SYN: 5-AMINOURACIL * 2,4(1H,3H)-PYRIMIDINEDIONE, 5-AMINO-
MUTATION DATA AND REFERENCES:
mmo-esc 300 mg/L JGMIAN 18,543,58
dni-hmn:hla 5 mmol/L RAREAE 37,334,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

YQ8780000 URACIL, 6-AMINO-1,3-DIMETHYL-5-NITROSO-
UPDT 8401 CAS: 6632-68-4 MW: 184.18 MOLFM: C6-H8-N4-O3
SYN: DANU * 1,3-DIMETHYL-4-AMINO-5-NITROSOURACIL * 2,4(1H,3H)PYRIMIDINEDIONE, 6-AMINO-1,3-DIMETHYL-5-NITROSO-
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:16 gm/kg/34W-I ZKKOBW 80,297,73
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:2000 mg/kg ZKKOBW 80,297,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YQ8800000 URACIL, 6-AMINO-3-METHYL-1-(2-METHYLALLYL)-
UPDT 8403 CAS: 550-28-7 MW: 195.25 MOLFM: C9-H13-N3-O2
SYN: AMINOISOMETRADIN * AMINOISOMETRADINE * 6-AMINO-1-METALLYL-3-METHYLPYRIMIDINE-2,4-DIONE * 6-AMINO-3-METHYL-1-(2-METHYLALLYL)-2,4(1H,3H)-PYRIMIDINEDIONE * 6-AMINO-3-METHYL-1-(2-METHYLALLYL)URACIL * 6-AMINO-3-METHYL-1-(2-METHYL-2-PROPENYL)-2,4(1H,3H)-PYRIMIDINEDIONE * AMISOMETRADIN * AMISOMETRADINE * 1-METHALLYL-3-METHYL-6-AMINOTETRAHYDROPYRIMIDINEDIONE * ROLICTON
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1560 mg/kg AIPTAK 126,400,60
* ipr-rat LD50:515 mg/kg AIPTAK 126,400,60
* orl-mus LD50:610 mg/kg BSESA3 9,68,76

YQ8818000 URACIL, 1-beta-D-ARABINOFURANOSYL-
UPDT 8307 CAS: 3083-77-0 MW: 244.23 MOLFM: C9-H12-N2-O6
SYN: ARABINOFURANOSYLURACIL * 1-beta-D-ARABINOFURANOSYLURACIL * ARABINOSYLURACIL * ARA-U * ARAURIDINE * 2,4(1H,3H)-PYRIMIDINEDIONE, 1-beta-D-ARABINOFURANOSYL- * SPONGOURIDIN * SPONGOURIDINE * URACIL ARABINOSIDE
MUTATION DATA AND REFERENCES:
dni-mus:leu 2820 umol/L CNREA8 42,3957,82

URACIL ARABINOSIDE see: YQ8818000

YQ8925000 URACIL, 5-(BIS(2-CHLOROETHYL)AMINO)-
UPDT 8412 CAS: 66-75-1 MW: 252.12 MOLFM: C8-H11-Cl2-N3-O2
SYN: AMINOURACIL MUSTARD * 5-(BIS(2-CHLOROETHYL)AMINO)-2,4(1H,3H)PYRIMIDINEDIONE * 5-(BIS(2-CHLOROETHYL)AMINO)URACIL * 5-N,N-BIS(2-CHLOROETHYL)AMINOURACIL * CB 4835 * CHLORETHAMINACIL * DEMETHYLDOPAN * DESMETHYLDOPAN * 5-(DI-(beta-CHLOROETHYL)AMINO)URACIL * 5-(DI-2-CHLOROETHYL)AMINOURACIL * 2,6-DIHYDROXY-5-BIS(2-CHLOROETHYL)AMINOPYRIMIDINE * ENT 50439 * NCI-C04820 * NSC-34462 * NORDOPAN * 2,4(1H,3H)-PYRIMIDINEDIONE, 5-(BIS(2-CHLOROETHYL)AMINO)- * RCRA WASTE NUMBER U237 * SK-19849 * U-8344 * URACILLOST * URACIL MUSTARD * URAMUSTIN * URAMUSTINE
MUTATION DATA AND REFERENCES:
mmo-sat 125 ug/plate JJIND8 62,893,79
mmo-sat 100 ug/plate PNASA6 72,5135,75
dnr-esc 25 mg/L JJIND8 62,873,79
dnd-dmg-par 2 mmol/L CNREA8 30,195,70
mrc-smc 5 pph JJIND8 62,901,79
otr-rat:emb 500 ug/L JJIND8 67,1303,81
mma-mus:lym 200 ug/L/4H MUREAV 59,61,79
msc-mus:lym 150 ug/L/2H MUREAV 59,61,79
hma-mus/sat 12 mg/kg JJIND8 62,911,79
otr-ham:emb 100 ug/L JJIND8 67,1303,81
TUMORIGENIC DATA AND REFERENCES:
3V02P62V10 ipr-rat TDLo:1000 ug/kg/26W-I RRCRBU 52,1,75
2V01J60 ipr-mus TDLo:240 ug/kg/4W JNCIAM 36,915,66
3V02J60L60 ipr-mus TD :9500 ug/kg/26W-I RRCRBU 52,1,75
2V02J60 ipr-mus TD :8 mg/kg/8W-I CNREA8 33,3069,73
2V01J60 ipr-mus TD :30 mg/kg/39W-I SCIEAS 147,1443,65
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:7500 ug/kg MEIEDD 10,1408,83
* ipr-rat LD50:1250 ug/kg ADTEAS 3,181,68
ipr-mus LDLo:3 mg/kg TXAPA9 23,288,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 9,235,75
STATUS:
★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (RRCRBU 52,1,75)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YQ9000000 URACIL, 5-(BIS-(2-CHLOROETHYL)AMINO)-6-METHYL-
UPDT 8406 CAS: 520-09-2 MW: 266.15 MOLFM: C9-H13-Cl2-N3-O2
SYN: 5-(BIS(2-CHLOROETHYL)AMINO)-6-METHYLURACIL * 5-(BIS-(2-CLOROETIL)-AMINO)-6-METILURACILE (Italian) * CHLOROETHYLAMINOURACIL * 2,6-DIHYDROXY-4-METHYL-5-BIS(2-CHLOROETHYL)AMINOPYRIMIDINE * DOPAN * DOPANE * ELDERFIELD PYRIMIDINE MUSTARD * ENT 50698 * 4-METHYL-5-(BIS(beta-CHLOROETHYL)AMINO)URACIL * 6-METHYL-5-(BIS(2-CHLOROETHYL)AMINO)URACIL
MUTATION DATA AND REFERENCES:
cyt-hmn:leu 2500 ug/L TSITAQ 15,1505,73
cyt-mky:kdy 100 mg/L TSITAQ 15,1505,73
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2400 ug/kg BCFAAI 101,630,62
ipr-mus LDLo:3 mg/kg FATOAO 34,83,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YQ9050000 URACIL, 1,3-BIS(TETRAHYDRO-2-FURYL)-5-FLUORO-
UPDT 8406 CAS: 62987-05-7 MW: 270.29 MOLFM: C12-H15-F-N2-O4
SYN: 1,3-BIS(TETRAHYDRO-2-FURANYL)-5-FLUORO-2,4-PYRIMIDINEDIONE * 1,3-BIS(TETRAHYDRO-2-FURYL)-5-FLUOROURACIL * FD-1 * 2,4(1H,3H)-PYRIMIDINEDIONE, 5-FLUORO-1,3-BIS(TETRAHYDRO-2-FURANYL)-
MUTATION DATA AND REFERENCES:
cyt-ham:fbr 100 nmol/L MUREAV 88,211,81
TOXICITY DATA AND REFERENCES:
1V30 orl-rat LD50:1730 mg/kg GANNA2 71,30,80
orl-mus LD50:2664 mg/kg JMCMAR 21,738,78
1K13 orl-dog LD50:88100 ug/kg OYYAA2 16,303,78

YQ9060000 URACIL, 5-BROMO-
UPDT 8302 CAS: 51-20-7 MW: 191.00 MOLFM: C4-H3-Br-N2-O2
SYN: 5-BROMO-URACIL * 2,4(1H,3H)-PYRIMIDINEDIONE, 5-BROMO- (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 300 mg/L SOGEBZ 2,45,66
mmo-esc 5000 ppm AGACBH 4,286,74
dnd-esc 10 mg/L NATUAS 188,62,60
dni-bcs 25 mg/L JMOBAK 43,619,69
mmo-klp 1 gm/L EXPEAM 25,85,69
mmo-omi 50 mg/L SOGEBZ 6,1623,70
sln-dmg-orl 1 gm/L 20MYAU -,301,66
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

YQ9080000 URACIL, 1-(p-BROMOBENZYL)-5-FLUORO-
UPDT 8402 MW: 299.12 MOLFM: C11-H8-Br-F-N2-O2
SYN: 1-(p-BROMOBENZYL)-5-FLUORO-URACIL
TOXICITY DATA AND REFERENCES:
1V30 unk-mus LD50:450 mg/kg PCJOAU 16,888,82

YQ9100000 URACIL, 5-BROMO-3-sec-BUTYL-6-METHYL-
UPDT 8408 CAS: 314-40-9 MW: 261.15 MOLFM: C9-H13-Br-N2-O2
SYN: BOREA * BROMACIL * BROMAZIL * 5-BROMO-3-sec-BUTYL-6-METHYLURACIL * 5-BROMO-6-METHYL-3-(1-METHYLPROPYL)-2,4(1H,3H)-PYRIMIDINEDIONE * 5-BROMO-6-METHYL-3-(1-METHYLPROPYL)URACIL * CYNOGAN * DU PONT HERBICIDE 976 * EEREX GRANULAR WEED KILLER * EEREX WATER SOLUBLE CONCENTRATE WEED KILLER * HERBICIDE 976 * HYVAR * HYVAREX * HYVAR X * HYVAR X-L * HYVAR X BROMACIL * HYVAR X WEED KILLER * HYVAR X-WS * KROVAR II * NALKIL * URAGAN * URAGON * UROX B * UROX B WATER SOLUBLE CONCENTRATE WEED KILLER * UROX-HX * UROX HX GRANULAR WEED KILLER
MUTATION DATA AND REFERENCES:
sln-dmg-orl 2000 ppm JPFCD2 B15,867,80
msc-mus:lym 750 mg/L NTIS** PB84-138973
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 ihl-rat TCLo:38 mg/m3/2H (7-14D preg) NTIS** PB277-077
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5200 mg/kg TXAPA9 34,189,75
* orl-mus LD50:3040 mg/kg JPFCD2 B15,867,80
REVIEW AND REFERENCES:
★ TLV-TWA 1 ppm; STEL 2 ppm DTLVS* 4,48,80
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YQ9275000 URACIL, 5-BROMO-3-ISOPROPYL-6-METHYL-
UPDT 8403 CAS: 314-42-1 MW: 247.12 MOLFM: C8-H11-Br-N2-O2
SYN: 5-BROM-3-ISOPROPYL-6-METHYL-URACIL (German) * 5-BROMO-3-ISOPROPYL-6-METHYL-2,4-PYRIMIDINEDIONE (French) * 5-BROMO-3-ISOPROPYL-6-METHYLURACIL * 5-BROMO-3-ISOPROPYL-6-METIL-URACIL (Italian) * 5-BROOM-3-ISOPROPYL-6-METHYL-URACIL (Dutch) * 5-BROMO-6-METHYL-3-(1-METHYLETHYL)-2,4-(1H,3H)-PYRIMIDINEDIONE * H 82 * HERBICIDE 82 * HYVAR * ISOCIL * ISOPROCIL (French) * 3-ISOPROPYL-5-BROMO-6-METHYLURACIL * LOROX
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3400 mg/kg RREVAH 10,97,65
orl-mus LDLo:3750 mg/kg TXAPA9 23,288,72

YQ9360000 URACIL, 3-tert-BUTYL-5-CHLORO-6-METHYL-
UPDT 8403 CAS: 5902-51-2 MW: 216.69 MOLFM: C9-H13-Cl-N2-O2
SYN: 3-tert-BUTYL-5-CHLORO-6-METHYLURACIL * 5-CHLORO-3-tert-BUTYL-6-METHYLURACIL * 5-CHLORO-3-(1,1-DIMETHYLETHYL)-6-METHYL-2,4(1H,3H)-PYRIMIDINEDIONE * COMPOUND 732 * DU PONT 732 * DU PONT HERBICIDE 732 * EXPERIMENTAL HERBICIDE 732 * 2,4(1H,3H)-PYRIMIDINEDIONE, 5-CHLORO-3-(1,1-DIMETHYLETHYL)-6-METHYL- * SINBAR * TERBACIL * TURBACIL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:7500 mg/kg FMCHA2 -,C231,83
unk-mam LD50:5000 mg/kg 30ZDA9 -,421,71

6-URACILCARBOXYLIC ACID see: RM3180000

YQ9411500 URACIL, 1-(p-CHLOROBENZYL)-5-FLUORO-
UPDT 8402 MW: 254.66 MOLFM: C11-H8-Cl-F-N2-O2
SYN: 1-(p-CHLOROBENZYL)-5-FLUORO-URACIL
TOXICITY DATA AND REFERENCES:
1V30 unk-mus LD50:350 mg/kg PCJOAU 16,888,82

YQ9512000 URACIL, 1-(2-DEOXY-2-FLUORO-beta-D-ARABINOFURANOSYL)-
UPDT 8303 MW: 274.28 MOLFM: C11-H15-F-N2-O5
SYN: 1-(2-DEOXY-2-FLUORO-beta-D-ARABINOFURANOSYL)URACIL * 2'-FLUORO-5-ETHYL-1-beta-D-ARABINOFURANOSYLURACIL
MUTATION DATA AND REFERENCES:
dni-mus:leu 500 umol/L CNREA8 42,3957,82

YQ9512500 URACIL, 1-(2-DEOXY-2-FLUORO-beta-D-ARABINOFURANOSYL)-5-IODO-
UPDT 8303 CAS: 69123-98-4 MW: 372.11 MOLFM: C9-H10-F-I-N2-O5
SYN: 1-(2-DEOXY-2-FLUORO-beta-D-ARABINOFURANOSYL)-5-IODOURACIL * 2'-FLUORO-5-IODO-1-beta-D-ARABINOFURANOSYLURACIL
MUTATION DATA AND REFERENCES:
dni-mus:leu 40 umol/L CNREA8 42,3957,82

YQ9512600 URACIL, 1-(2-DEOXY-2-FLUORO-beta-D-ARABINOFURANOSYL)-5-METHYL-
UPDT 8303 CAS: 69256-17-3 MW: 260.25 MOLFM: C10-H13-F-N2-O5
SYN: 1-(2-DEOXY-2-FLUORO-beta-D-ARABINOFURANOSYL)-5-METHYLURACIL * 2'-FLUORO-5-METHYL-1-beta-D-ARABINOFURANOSYLURACIL
MUTATION DATA AND REFERENCES:
dni-mus:leu 17 umol/L CNREA8 42,3957,82

URACIL DESOXYURIDINE see: YU7490000

YQ9630000 URACIL, 5-DIAZO-
UPDT 8309 CAS: 2435-76-9 MW: 138.10 MOLFM: C4-H2-N4-O2

SYN: DIAZOURACIL * 2,4-DIOSSI-5-DIAZOPIRIMIDINA (Italian) * DU

MUTATION DATA AND REFERENCES:

	dnd-sat 10 mg/L	MILEDM 1,169,76
	dni-sat 1 mg/L	CBINA8 12,121,76
	dnd-esc 10 mg/L	MILEDM 1,169,76
	dni-esc 10 mg/L	MILEDM 1,169,76
	dnd-rat:lvr 50 umol/L	CALEDQ 13,187,81
	dns-rat:lvr 50 umol/L	CALEDQ 13,187,81

TOXICITY DATA AND REFERENCES:

	scu-mus LD10:22 mg/kg	EJCAAH 10,667,74

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

YQ9670000 URACIL, 5,5-DIETHYL-6-ISOPROPOXY-

UPDT:8403 MW: 226.31 MOLFM: C11-H18-N2-O3

SYN: 5,5-DIETHYL-6-ISOPROPOXYURACIL * DIETHYL 5,5' ISOPROPYLOXY-4 PYRIMIDINEDIONE-2,6 (French)

TOXICITY DATA AND REFERENCES:

1F12	ipr-mus LD50:100 mg/kg	EJMCA5 18,521,83

URACIL, 5,6-DIHYDRO-1-NITROSO- see: MX9280000

YQ9862000 URACIL, 1,3-DIMETHYL-6-(3-(4-(o-METHOXYPHENYL)-1-PIPERAZINYL)PROPPYLAMINO)-

UPDT:8403 CAS: 34661-75-1 MW: 387.54 MOLFM: C20-H29-N5-O3

SYN: B-66256 * EBRANTIL * 6-(3-(4-(o-METHOXYPHENYL)-1-PIPERAZINYL)PROPYLAMINO)-1,3-DIMETHYLURACIL * URAPIDIL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	orl-rat TDLo:8500 mg/kg (14D pre/1-20D preg)	ARZNAD 27,1919,77
1T34	orl-mus TDLo:224 mg/kg (14D pre/1-18D preg)	ARZNAD 27,1919,77

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:140 mg/kg	ARZNAD 27,1919,77
	ivn-rat LD50:520 mg/kg	ARZNAD 27,1919,77
	orl-mus LD50:565 mg/kg	ARZNAD 27,1919,77
	ivn-mus LD50:260 mg/kg	ARZNAD 27,1919,77

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YR0210000 URACIL, 5-ETHYL-6-ISOPROPOXY-5-PHENYL-

UPDT:8403 MW: 274.35 MOLFM: C15-H18-N2-O3

SYN: 5-ETHYL-6-ISOPROPOXY-5-PHENYLURACIL * ETHYL-5 PHENYL-5 ISOPROPYLOXY-4 PYRIMIDINEDIONE-2,6 (French)

TOXICITY DATA AND REFERENCES:

2F07F12	ipr-mus LD50:300 mg/kg	EJMCA5 18,521,83

YR0350000 URACIL, 5-FLUORO-

UPDT:8412 CAS: 51-21-8 MW: 130.09 MOLFM: C4-H3-F-N2-O2

SYN: ADRUCIL * EFUDEX * 5-FLUORACIL (German) * FLUOROPLEX * 5-FLUOROPYRIMIDINE-2,4-DIONE * FLUOROURACIL * 5-FLUOROURACIL * 5-FLUORURACIL (German) * FLURACIL * FLURIL * FU * 5-FU * NSC-19893 * 2,4(1H,3H)-PYRIMIDINEDIONE, 5-FLUORO- * RO 2-9757 * U-8953

IRRITATION DATA AND REFERENCES:

	skn-hmn 84 mg/3W	CTRRDO 63,619,79

MUTATION DATA AND REFERENCES:

	mmo-esc 10 mg/L	JMOBAK 44,363,69
	dnr-esc 100 ug/L	PCJOAU 16,721,82
	dni-esc 500 umol/L	CBINA8 17,113,77
	pic-esc 10 ug/plate	CNREA8 43,2819,83
	oms-bcs 1 mg/L	CHTHBK 26,309,80
	mmo-omi 2 mmol/L	BBRCA9 76,368,77
	mmo-omi 125 mg/L	MIBLAO 36,773,67
	mmo-omi 125 mg/L	MIBLAO 36,773,67
	mmo-omi 1 gm/L	VIRLAX 74,154,76
	mmo-omi 200 mg/L	JOVIAM 16,1000,75
	mmo-omi 300 mg/L	JOVIAM 15,41,75
	mmo-omi 2 mmol/L	JOVIAM 7,295,71
	mmo-omi 50 mg/L	MUREAV 12,349,71
	dni-omi 400 mg/L	MGGEAE 150,301,77
	dni-omi 16 umol/L	JOBAAY 113,1311,73
	mmo-nsc 20 ug/disc	GENTAE 57,189,67
	mmo-smc 8 mg/L	MGGEAE 146,253,76
	mrc-smc 15 ug/L	BBRCA9 48,1455,72
	mrc-ssp 10 ug/L	EXPEAM 22,151,66
	oms-hmn:oth 5 umol/L/6H	PAACA3 24,173,83
	dnd-hmn:leu 2600 nmol/L	CNREA8 43,5145,83
	oms-hmn:leu 2600 nmol/L	CNREA8 43,5145,83
	dns-hmn:oth 20 mg/L	26QZAP 2,377,72
	dni-hmn:oth 200 mg/L	26QZAP 2,377,72
	dni-hmn:oth 1 umol/L	CNREA8 42,3005,82
	oms-hmn:oth 1 umol/L	CNREA8 42,3005,82
	dni-hmn:ovr 1 mg/L	TOLED5 10,313,82
	oms-hmn-skn 1 pph	26UYA8 -,335,71
	oms-hmn:oth 1 mg/L	CNREA8 32,2661,72
	bfa-hmn/sat 7 mg/kg	CANCAR 38,1253,76
	sce-hmn:lym 100 pmol/L	NGCJAK 15,1085,80
	dni-rat-unk 65 mg/kg	FEPRA7 33,581,74
	cyt-rat-ipr 125 mg/kg	SBJODP 1,62,75
	otr-mus:emb 10 umol/L/24H	CNREA8 36,101,76
	dnd-mus:bmr 20 umol/L	CNREA8 44,1358,84
	oms-mus:bmr 19 umol/L	CNREA8 44,1358,84
	oms-mus:lym 66 umol/L	CJBIAE 62,280,84
	oms-mus-ipr 500 umol/kg	CNREA8 39,2406,79
	dns-mus-ivn 40 mg/kg	CNREA8 36,33,76
	dns-mus-orl 40 mg/kg	CNREA8 36,33,76
	dns-mus:ast 40 mg/L	CNREA8 36,33,76
	oms-mus:ast 40 mg/L	CNREA8 36,33,76
	dns-mus-ipr 50 mg/kg	CALEDQ 20,235,83
	dni-mus:leu 3 mg/L	CNREA8 35,1301,75
	dni-mus/leu 100 mg/L	CNREA8 38,2325,78
	dni-mus:lym 500 ug/L	ARZNAD 25,378,75
	dni-mus-ipr 50 mg/kg	CHYCDW 16,105,82
	oms-mus-orl 40 mg/kg	CNREA8 36,33,76
	oms-mus-ipr 50 mg/kg	CNREA8 36,1653,76
	dni-mus:emb 100 nmol/L	PAACA3 24,295,83
	dni-mus:bmr 1800 nmol/L	PAACA3 24,301,83
	dni-mus:ast 7500 umol/L	JPMSAE 67,1235,78
	cyt-mus-orl 50 mg/kg	OYYAA2 19,363,80
	cyt-mus-ipr 20 mg/kg	OYYAA2 19,363,80
	cyt-mus/ast 250 mg/kg	NEOLA4 20,225,73
	spm-mus-ipr 50 mg/kg	CNREA8 42,122,82
	spm-mus-ivn 50 mg/kg	CNREA8 42,122,82
	mnt-ham-ipr 200 mg/kg/24H	MUREAV 40,325,76
	cyt-ham:lng 1900 ug/L	GMCRDC 27,95,81
	msc-ham:fbr 100 mg/L/24H	MUREAV 40,325,76
	dni-mam:oth 100 umol/L	MUREAV 120,139,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T77	ivn-wmn TDLo:150 mg/kg (20-31W preg)	JAMAAP 217,214,71
1T46	ivn-wmn TDLo:240 mg/kg (11-14W preg)	AJOGAH 137,747,80
1T02	orl-rat TDLo:420 mg/kg (84D male)	OYYAA2 17,153,79
1T46	orl-rat TDLo:330 mg/kg (7-17D preg)	SEIJBO 20,143,80
3T25T35T59	ipr-rat TDLo:15 mg/kg (9D preg)	JPETAB 144,429,64
3T43T46T50	ipr-rat TDLo:30 mg/kg (12D preg)	SEIJBO 21,105,81
1T55	ipr-rat TDLo:30 mg/kg (12D preg)	SEIJBO 21,105,81
1T33	ipr-mus TDLo:50 mg/kg (13D preg)	TJADAB 28,42A,83
2T46T43	ipr-mus TDLo:20 mg/kg (10D preg)	AJANA2 106,89,60
2T25T59	ipr-mus TDLo:20 mg/kg (9D preg)	DZZEA7 32,861,77
1T27	ipr-mus TDLo:30 mg/kg (9D preg)	DZZEA7 32,861,77
2T42T46	ipr-mus TDLo:10 mg/kg (10D preg)	TJADAB 6,5,72
1T01	ivn-mus TDLo:67 mg/kg (1D male)	CNREA8 42,122,82
2T34T43	ims-ham TDLo:24 mg/kg (9D preg)	JEEMAF 43,47,78
2T25T46	ims-ham TDLo:28 mg/kg (9D preg)	JEEMAF 43,47,78
1T55	ims-ham TDLo:56 mg/kg (11D preg)	JEEMAF 43,47,78
1T25	ims-ham TDLo:20 mg/kg (9D preg)	ANREAK 187,710,77

TOXICITY DATA AND REFERENCES:

3K30P26V30	orl-hmn TDLo:450 mg/kg/30D	CANCAR 39,1936,77
3G06G30J30	ivn-hmn TDLo:6 mg/kg/3D	BMJOAE 1,547,78
3K30P26V30	ivn-hmn TDLo:480 mg/kg/32D	CANCAR 39,1936,77
2K30P26	unk-man TDLo:15 mg/kg	CNCRA6 50,219,66
*	orl-rat LD50:230 mg/kg	IYKEDH 4,90,73
2K12K13	ipr-rat LD50:70 mg/kg	OYYAA2 5,569,71
*	scu-rat LD50:217 mg/kg	IYKEDH 4,90,73
2K12K13	ivn-rat LD50:245 mg/kg	OYYAA2 5,569,71
	par-rat LD50:500 mg/kg	RRCRBU 52,76,75
	unk-rat LD10:25 mg/kg	CNCRA6 50,219,66
	orl-mus LD50:115 mg/kg	JMCMAR 21,738,78
*	ipr-mus LD50:100 mg/kg	EKFMA7 7,100,77
*	scu-mus LD50:169 mg/kg	IYKEDH 4,90,73
*	ivn-mus LD50:81 mg/kg	IYKEDH 4,90,73
1V30	unk-mus LD50:250 mg/kg	PCJOAU 16,888,82
1K13	orl-dog LD50:30 mg/kg	OYYAA2 16,303,78
*	orl-rbt LD50:18900 ug/kg	IYKEDH 7,108,76
1H01	ivn-rbt LDLo:15 mg/kg	JJPAAZ 30,871,80
1H01	ivn-gpg LD50:25 mg/kg	JJPAAZ 30,871,80
1V30	par-ham LD10:140 mg/kg	JSONAU 15,355,80

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: NEJMAG 291(2),75,74; MIMDAL 57(1),19,74; JAMAAP 172,1765,60; 32XPAD -,49,75; JPETAB 144,429,64; ARVPAX 5,447,65; CRTXB2 2,159,73

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 26,217,81
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE	IARC** 26,217,81

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YR0365000 URACIL, 5-FLUORO mixed with APHIDICOLIN

UPDT:8311

SYN: APHIDICOLIN mixed with 5-FLUOROURACIL * 5-FLUOROURACIL mixed with APHIDICOLIN

MUTATION DATA AND REFERENCES:

	cyt-mam:oth 1 mmol/L	MUREAV 120,139,83

YR0380000 URACIL, 5-FLUORO-1-(p-FLUOROBENZYL)-

UPDT:8402 MW: 238.21 MOLFM: C11-H8-F2-N2-O2

SYN: 5-FLUORO-1-(p-FLUOROBENZYL)-URACIL

TOXICITY DATA AND REFERENCES:

1V30	unk-mus LD50:500 mg/kg	PCJOAU 16,888,82

URACIL, 5-FLUORO-1-HEXYLCARBAMOYL- see: UV7714000

YR0405000 URACIL, 5-FLUORO-1-(4-HYDROXY-3-NITROBENZYL)-

UPDT:8402 MW: 281.22 MOLFM: C11-H8-F-N3-O5

SYN: 5-FLUORO-1-(4-HYDROXY-3-NITROBENZYL)-URACIL

TOXICITY DATA AND REFERENCES:

1V30	unk-mus LD50:1520 mg/kg	PCJOAU 16,888,82

YR0420000 URACIL, 5-FLUORO-1-(p-METHOXYBENZYL)-

UPDT:8402 MW: 250.25 MOLFM: C12-H11-F-N2-O3

SYN: 5-FLUORO-1-(p-METHOXYBENZYL)-URACIL

TOXICITY DATA AND REFERENCES:

1V30	unk-mus LD50:770 mg/kg	PCJOAU 16,888,82

YR0430000 URACIL, 5-FLUORO-3-PHTHALIDYL-

UPDT:8308 MW: 262.21 MOLFM: C12-H7-F-N2-O4

SYN: 5-FLUORO-3-PHTHALIDYL-URACIL

TOXICITY DATA AND REFERENCES:

3F17F18U26	orl-mus LDLo:2500 mg/kg	JMCMAR 25,1219,82

YR0440000 URACIL, 5-FLUORO-1-(TETRAHYDRO-1-FURYL)-

UPDT:8408 MW: 202.21 MOLFM: C8-H11-F-N2-O3

SYN: 5-FLUORO-1-(TETRAHYDRO-1-FURYL)URACIL * 1-(2-TETRAHYDROFURYL)-5-FLUOROURACIL

TOXICITY DATA AND REFERENCES:

	orl-dog LD50:64300 ug/kg	OYYAA2 16,303,78

YR0450000 URACIL, 5-FLUORO-1-(TETRAHYDRO-2-FURYL)-

UPDT:8412 CAS: 17902-23-7 MW: 200.19 MOLFM: C8-H9-F-N2-O3

SYN: CARZONAL * CITOFUR * COPAROGIN * EXONAL * FENTAL * F-5-FU * 5-FLUORO-1-(TETRAHYDRO-3-FURYL)URACIL * 5-FLUORO-1-(TETRAHYDROFURAN-2-YL)URACIL * 5-FLUORO-1-(TETRAHYDRO-2-FURANYL)-2,4-PYRIMIDINEDIONE * FRANROZE * FT-207 * FTORAFUR * FULAID * FULFEEL * FURAFLUOR * FUROFUTRAN * FUTRAFUL * LAMAR * LIFRIL * MJF-12264 * NEBERK * NITOBANIL * NSC-148958 * 2,4(1H,3H)-PYRIMIDINEDIONE, 5-FLUORO-1-(TETRAHYDRO-2-FURANYL)- * PYRIMIDINE-DEOXYRIBOSE N1-2'-FURANIDYL-5-FLUOROURACIL * RIOL * SINOFLUROL * SUNFRAL * TEFSIEL C * TEGAFUR * 1-(TETRAHYDROFURAN-2-YL)-5-FLUOROURACIL * N(sub 1)-(2-TETRAHYDROFURYL)-5-FLUOROURACIL * THFU * URACIL, 1-(TETRAHYDROFURAN-2-YL)-5-FLUORO-

MUTATION DATA AND REFERENCES:

	dns-hmn:fbr 1 gm/L	STBIBN 78,165,80
	dni-rat-unk 100 mg/kg	FEPRA7 33,581,74
	dns-mus-ivn 60 mg/kg	CNREA8 36,33,76
	dns-mus-orl 60 mg/kg	CNREA8 36,33,76
	oms-mus-orl 60 mg/kg	CNREA8 36,33,76
	oms-mus-ivn 60 mg/kg	CNREA8 36,33,76
	cyt-mus-ipr 40 mg/kg	MUREAV 88,301,81
	cyt-ham:fbr 100 nmol/L	MUREAV 88,241,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T53T85	orl-rat TDLo:810 mg/kg (17-22D preg/21D post)	OYYAA2 22,109,81
1T02	orl-rat TDLo:1260 mg/kg (18W male)	OYYAA2 17,169,79
1T31	orl-rat TDLo:550 mg/kg (7-17D preg)	KSRNAM 14,1373,80
2T34T46	ivn-rat TDLo:420 mg/kg (7-13D preg)	OYYAA2 5,555,71
1T25	ivn-rat TDLo:630 mg/kg (7-13D preg)	OYYAA2 5,555,71
3T34T35T46	ivn-mus TDLo:210 mg/kg (6-12D preg)	OYYAA2 5,555,71
1T25	ivn-mus TDLo:630 mg/kg (6-12D preg)	OYYAA2 5,555,71

TOXICITY DATA AND REFERENCES:

	ivn-hmn LDLo:640 mg/kg/8D	CANCAR 36,103,75
1F08	ivn-hmn TDLo:23 mg/kg	CANCAR 36,103,75

* orl-rat LD50:1000 mg/kg NIIRDN 6,472,82
* ipr-rat LD50:740 mg/kg NIIRDN 6,472,82
* scu-rat LD50:840 mg/kg EKFMA7 7,100,77
* ivn-rat LD50:740 mg/kg IYKEDH 4,467,73
orl-mus LD50:820 mg/kg JMCMAR 21,738,78
* ipr-mus LD50:640 mg/kg EKFMA7 7,100,77
2K12K13 scu-mus LD50:760 mg/kg OYYAA2 5,569,71
* ivn-mus LD50:800 mg/kg IYKEDH 4,467,73
3F11H30K13 orl-dog LD50:34 mg/kg OYYAA2 20,1009,80
1H30 orl-rbt LD50:44 mg/kg OYYAA2 20,1009,80
* unk-rbt LD50:40 mg/kg EKFMA7 7,100,77

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YR0480000 URACIL, 5-FLUORO-1-(TETRAHYDRO-2-FURYL)- mixt. with URACIL (1:4)
UPDT 8408 MW: 648.59 MOLFM: C8-H9-F-N2-O3 . 4C4-H4-N2-O2
SYN: FT mixt. with URACIL (1:4) * TEGAFUR mixt. with URACIL (1:4) * 1-(2-TETRAHYDROFURYL)-5-FLUOROURACIL mixt. with URACIL (1:4) * UFT * URACIL mixt. with FT (4:1) * URACIL mixt. with TEGAFUR (4:1) * URACIL mixt. with 1-(2-TETRAHYDROFURYL)-5-FLUOROURACIL (4:1)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T41T46 orl-rat TDLo:713 mg/kg (7-17D preg) OYYAA2 22,85,81
2T25T34 orl-rat TDLo:891 mg/kg (7-17D preg) OYYAA2 22,85,81
1T48 orl-rat TDLo:2503 mg/kg (7-22D preg/21D post) OYYAA2 22,109,81
1T53 orl-rat TDLo:875 mg/kg (7-22D preg/21D post) OYYAA2 22,109,81

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

URACIL mixt. with FT (4:1) see: YR0480000

YR0513000 URACIL, 5-(HYDROXYMETHYL)-
UPDT 8305 MW: 142.13 MOLFM: C5-H6-N2-O3
SYN: 5-(HYDROXYMETHYL)URACIL * 5-OXYMETHYLURACIL

MUTATION DATA AND REFERENCES:
pic-esc 1 gm/L ZAPOAK 12,583,72

YR0515000 URACIL, 5-(HYDROXYMETHYL)-6-METHYL-
UPDT 8306 CAS: 147-61-5 MW: 156.16 MOLFM: C6-H8-N2-O3
SYN: 5-HYDROXYMETHYL-6-METHYL-2,4(1H,3H)-PYRIMIDINEDIONE * 5-HYDROXYMETHYL-4-METHYLURACIL * 5-HYDROXYMETHYL-6-METHYLURACIL * 4-METHYL-5-HYDROXYMETHYLURACIL * 4-METHYL-5-OXYMETHYLURACIL * PENTOKSIL * PENTOXIL * PENTOXYL * 2,4(1H,3H)-PYRIMIDINEDIONE, 5-(HYDROXYMETHYL)-6-METHYL- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 par-rat TDLo:500 mg/kg (10D preg) AAGEAA 65(11),19,73

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YR0520000 URACIL, 6-((p-HYDROXYPHENYL)AZO)-
UPDT 8303 MW: 232.22 MOLFM: C10-H8-N4-O3
SYN: 6-((p-HYDROXYPHENYL)AZO)URACIL

MUTATION DATA AND REFERENCES:
oms-bcs 20 mg/L JOBAAY 126,108,76
dni-bcs 25 mg/L JOBAAY 126,108,76
pic-bcs 100 umol/L JOVIAM 14,1470,74

YR0600000 URACIL, 5-IODO-2-THIO-, SODIUM SALT
UPDT 8401 CAS: 3565-15-9 MW: 277.04 MOLFM: C4-H3-I-N2-O-S . Na
SYN: 5-IODO-2-THIOURACIL, SODIUM SALT * ITRUMIL SODIUM * ITRUMIL SODIUM SALT * SODIUM 5-IODO-2-THIOURACIL

TUMORIGENIC DATA AND REFERENCES:
2V03N62 orl-rat TDLo:30 gm/kg/43W-C CANCAR 10,690,57

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YR0670000 URACIL LACTONE
UPDT 8406 MW: 236.25 MOLFM: C11-H12-N2-O4

MUTATION DATA AND REFERENCES:
dni-mus:ast 2143 umol/L JPMSAE 67,1235,78

URACILLOST see: YQ8925000

YR0700000 URACIL, 6-METHYL-
UPDT 8401 CAS: 626-48-2 MW: 126.13 MOLFM: C5-H6-N2-O2
SYN: 4-METHYLURACIL * 6-METHYLURACIL * PSEUDOTHYMINE * 2,4(1H,3H)-PYRIMIDINEDIONE, 6-METHYL- (9CI)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T35T53 orl-rat TDLo:2 gm/kg (10D preg) BEXBAN 66,1382,68
1T13 scu-rat TDLo:20 mg/kg (4D pre) JSICAZ 19C,264,60

TUMORIGENIC DATA AND REFERENCES:
2V02N62 orl-rat TDLo:18 gm/kg/52W-C VOONAW 8(10),49,62

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:64500 mg/kg LONZA# 03FEB81

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YR0875000 URACIL, 6-METHYL-2-THIO-
UPDT 8406 CAS: 56-04-2 MW: 142.19 MOLFM: C5-H6-N2-O-S
SYN: ALKIRON * ANTIBASON * BASECIL * BASETHYRIN * 2,3-DIHYDRO-6-METHYL-2-THIOXO-4(1H)-PYRIMIDINONE * 2-MERCAPTO-6-METHYLPYRIMID-4-ONE * 2-MERCAPTO-4-HYDROXY-6-METHYLPYRIMIDINE * 2-MERCAPTO-6-METHYL-4-PYRIMIDONE * METACIL * METHACIL * METHIACIL * METHICIL * METHIOCIL * 6-METHYL-2-THIO-2,4-(1H3H)-PYRIMIDINEDIONE * METHYLTHIOURACIL * 6-METHYLTHIOURACIL * 4-METHYL-2-THIOURACIL * 6-METHYL-2-THIOURACIL * 4-METHYLURACIL * 6-METIL-TIOURACILE (Italian) * MTU * MURACIL * ORCANON * 4(1H)-PYRIMIDINONE, 2,3-DIHYDRO-6-METHYL-2-THIOXO- * PROSTRUMYL * RCRA WASTE NUMBER U164 * STRUMACIL * THIMECIL * THIOMECIL * 2-THIO-6-METHYL-1,3-PYRIMIDIN-4-ONE * 6-THIO-4-METHYLURACIL * THIOMIDIL * 2-THIO-4-OXO-6-METHYL-1,3-PYRIMIDINE * THIORYL * THIOTHYMIN * THIOTHYRON * THIURYL * THYREONORM * THYREOSTAT * THYREOSTAT I * TIOMERACIL * TIORALE M * TIOTIRON * THYRIL * USAF EK-6454

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T52T77 unk-wmn TDLo:1344 mg/kg (19-42W preg) LANCAO 1,1281,53
1T52 orl-rbt TDLo:900 mg/kg (1-18D preg) OSDIAF 8,1281,59

TUMORIGENIC DATA AND REFERENCES:
2V01N62 orl-rat TDLo:9100 mg/kg/2Y-C CNREA8 19,870,59
3V02'60N62 orl-mus TDLo:196 gm/kg/1Y-C CANCAR 40,2188,77
2V03N62 orl-rat TD :53750 mg/kg/65W-I BJCAAI 7,181,53
2V02N62 orl-rat TD :27783 mg/kg/60W-I BJCAAI 4,223,50

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2790 mg/kg FSTEAI 7,313,52
1J30 ipr-rat LD50:920 mg/kg FRPSAX 13,882,58
ipr-mus LD50:200 mg/kg NTIS** AD277-689
* orl-rbt LDLo:2500 mg/kg 85ESA3 9,799,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMSSAQ 196,85,47; MJAUAJ 2,524,48
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 7,53,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

URACIL MUSTARD see: YQ8925000

YR1400000 URACIL, 6-PROPYL-2-THIO-
UPDT 8408 CAS: 51-52-5 MW: 170.25 MOLFM: C7-H10-N2-O-S
SYN: 2,3-DIHYDRO-6-PROPYL-2-THIOXO-4(1H)-PYRIMIDINONE * 2-MERCAPTO-4-HYDROXY-6-n-PROPYLPYRIMIDINE * 2-MERCAPTO-6-PROPYL-4-PYRIMIDONE * 2-MERCAPTO-6-PROPYLPYRIMID-4-ONE * PROCASIL * PROPACIL * 6-PROPIL-TIOURACILE (Italian) * PROPYCIL * 6-PROPYL-2-THIO-2,4(1H,3H)PYRIMIDINEDIONE * PROPYL-THIORIST * PROPYL-THIORIT * PROPYLTHIOURACIL * 6-PROPYL-2-THIOURACIL * 6-PROPYLTHIOURACIL * 6-PROPYL-2-THIOURACIL * 6-n-PROPYLTHIOURACIL * 6-n-PROPYL-2-THIOURACIL * PROTHYCIL * PROPYL-THYRACIL * PROPYTHIOURACIL * PROTHIUCIL * PROTHIURONE * PROTHYRAN * PROTIURAL * PTU * PTU (THYREOSTATIC) * 2-THIO-4-OXO-6-PROPYL-1,3-PYRIMIDINE * 2-THIO-6-PROPYL-1,3-PYRIMIDIN-4-ONE * 6-THIO-4-PROPYLURACIL * THIURAGYL * THYREOSTAT II * T 72 * PROPILTHIOURACIL * 4(1H)-PYRIMIDINONE, 2,3-DIHYDRO-6-PROPYL-2-THIOXO-

MUTATION DATA AND REFERENCES:
mmo-smc 1 gm/L CHINAG (21),847,80
dni-hmn:lym 100 mg/L JCEMAZ 43,1406,76

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T52T77 orl-wmn TDLo:1818 mg/kg (33D pre/1-39W preg) JAMAAP 159,848,55
2T52T77 orl-wmn TDLo:1620 mg/kg (1-39W preg) AIMEAS 46,145,57
3T52T71T72 orl-rat TDLo:4600 mg/kg (70D pre/1-22D preg) PIAIA9 69,624,62
2T34T52 orl-rat TDLo:400 mg/kg (20-21D preg) ANREAK 198,637,80
1T91 orl-rat TDLo:1100 mg/kg (1-22D preg) CLREAS 25,681A,77
3T52T53T86 orl-rat TDLo:500 mg/kg (18-22D preg/20D post) JOENAK 62,213,74
2T76T81 orl-rat TDLo:1050 mg/kg (21D post) PIAIA9 69,624,62
2T34T52 orl-rbt TDLo:330 mg/kg (11-25D preg) SURGAZ 41,619,57
2T72T52 orl-gpg TDLo:1470 mg/kg (38-58D preg) ANREAK 115,359,53
1T52 par-mam TDLo:615 ug/kg (29-32D preg) ANREAK 175,290,73

TUMORIGENIC DATA AND REFERENCES:
2V03N60 orl-mus TDLo:600 gm/kg/73W-C PSEBAA 112,365,63
2V02N62 orl-gpg TDLo:37 gm/kg/2Y-C GROWAH 27,305,63
2V01N62 orl-ham TDLo:653 gm/kg/70W-C CANCAR 21,952,68

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1980 mg/kg FSTEAI 7,313,52
* unk-rat LDLo:750 ug/kg NIIRDN 6,732,82
* unk-mus LDLo:750 ug/kg NIIRDN 6,732,82

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: PCNAA8 8,413,61; NEJMAG 304,538,81
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 7,67,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YR1420000 URACIL, 6-PROPYL-2-THIO-, and IODINE
UPDT 8305 MW: 424.00 MOLFM: C7-H10-N2-O-S . I2
SYN: IODINE and PROPYLTHIOURACIL * PROPYLTHIOURACIL and IODINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T52T71 mul-wmn TDLo:10260 mg/kg (1-39W preg) JAMAAP 149,1399,52

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

URACIL mixt. with TEGAFUR (4:1) see: YR0480000
URACIL, 1-(TETRAHYDROFURAN-2-YL)-5-FLUORO- see: YR0450000
URACIL mixt. with 1-(2-TETRAHYDROFURYL)-5-FLUOROURACIL (4:1) see: YR0480000

YR1575000 URACIL, 2-THIO-
UPDT 8408 CAS: 141-90-2 MW: 128.16 MOLFM: C4-H4-N2-O-S
SYN: ANTAGOTHYROID * ANTAGOTHYROIL * DERACIL * 2,3-DIHYDRO-2-THIOXO-4(1H)-PYRIMIDINONE * 6-HYDROXY-2-MERCAPTOPYRIMIDINE * 4-HYDROXY-2(1H)-PYRIMIDINETHIONE * 2-MERCAPTO-4-HYDROXYPYRIMIDINE * 2-MERCAPTO-4-PYRIMIDINOL * 2-MERCAPTO-4-PYRIMIDONE * 2-MERCAPTO-4(1H)-PYRIMIDINONE * 2-MERCAPTOPYRIMID-4-ONE * NOBILEN * 4-PYRIMIDINOL, 2-MERCAPTO- * 2-THIO-6-OXYPYRIMIDINE * 2-THIO-1,3-PYRIMIDIN-4-ONE * THIOURACIL * 2-THIOURACIL * 6-THIOURACIL * TIOURACYL (Polish) * TU * 2-TU

MUTATION DATA AND REFERENCES:
pic-esc 100 mmol/L MDMIAZ 31,11,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T52 unk-wmn TDLo:484 mg/kg (1-26W preg) LANCAO 1,1281,53
3T41T43T75 unk-wmn TDLo:924 mg/kg (26-41W preg) JCENA4 7,767,47
1T46 orl-rat TDLo:1600 mg/kg (1-16D preg) ENDOAO 45,389,49
2T52T81 orl-rat TDLo:22750 mg/kg (91D pre) ANREAK 109,318,51

TUMORIGENIC DATA AND REFERENCES:
3V03N05V08 orl-rat TDLo:10 gm/kg/14W-C CANCAR 6,111,53
2V07:60 orl-mus TDLo:184 gm/kg/73W-C PSEBAA 113,493,63

TOXICITY DATA AND REFERENCES:
1F02 orl-mus LD50:3900 mg/kg JAPMA8 44,56,55
* orl-rbt LDLo:3700 mg/kg MEIEDD 10,1342,83

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADVPA3 4,263,66
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 7,85,74

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

URACTONE see: TU4725000
URADAL see: YS2975000
URAGAN see: YQ9100000
URAGON see: YQ9100000
URALGIN see: QN2885000
URALITE see: YU1610000
URALITE (POLYMER) see: YU1610000
URAMINE T 80 see: AS3600000
URAMINE T101 see: YU1610000
URAMINE T105 see: YU1610000
URAMINE TSL 58 see: YU1610000
URAMITE see: YU1610000
URAMUSTIN see: YQ8925000
URAMUSTINE see: YQ8925000
URAMYCIN B see: UY9100000
URANIN see: LM5425000
URANINE see: LM5425000
URANINE A EXTRA see: LM5425000
URANINE 0 see: LM5425000
URANINE SS see: LM5425000
URANINE USP XII see: LM5425000
URANINE WSS see: LM5425000
URANINE YELLOW see: LM5425000

YR3400000 URANINITE
UPDT 7901 CAS: 1317-99-3 MW: 842.00 MOLFM: O8-U3
SYN: NASTURAN * PITCHBLENDE

TOXICITY DATA AND REFERENCES:
ivn-mus LDLo:8 mg/kg JNCIAM 1,241,40

REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(U)/m3;STEL 600 ug(U)/m3 DTLVS* 4,423,80

STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 250 ug(U)/m3 FEREAC 39,23540,74

YR3490000 URANIUM
UPDT 8404 CAS: 7440-61-1 MW: 238.00 MOLFM: U

BEST COPY

SYN: NA 9175 (DOT) * URANIUM METAL, PYROPHORIC (DOT)
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 16CZAC 36,197,73; 16CZAC 36,165,73; AJMEAZ 38,409,65
★ TLV-TWA 200 ug/m3; STEL 600 ug/m3 DTLVS* 4,423,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 250 ug(U)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:RADIOACTIVE MATERIAL; LABEL:RADIOACTIVE AND FLAMMABLE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

URANIUM ACETATE see: YR3675000

YR3675000 URANIUM, BIS(ACETO)DIOXO-
UPDT:8308 CAS: 541-09-3 MW: 388.10 MOLFM: C4-H6-O6-U
SYN: NA 9180 (DOT) * URANIUM ACETATE * URANIUM OXYACETATE * URANYL ACETATE * URANYL ACETATE (DOT)
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:400 mg/kg REPMBN 10,391,62
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(U)/m3;STEL 600 ug(U)/m3 DTLVS* 4,423,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(U)/m3 (SCP-O) FEREAC 39,23540,74
★ DOT-HAZARD:RADIOACTIVE MATERIAL; LABEL:RADIOACTIVE MATERIAL CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YR3805000 URANIUM, BIS(NITRATO-0,0')DIOXO- (solid)
UPDT:8401 CAS: 10102-06-4 MW: 394.02 MOLFM: N2-O8-U
SYN: NA 9177 (DOT) * URANYL NITRATE, SOLID (DOT)
MUTATION DATA AND REFERENCES:
cyt-hmn:leu 100 ug/L DBLRAC 17(4),375,73
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(U)/m3;STEL 600 ug(U)/m3 DTLVS* 4,423,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 250 ug(U)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:RADIOACTIVE MATERIAL; LABEL:RADIOACTIVE AND OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YR3807000 URANIUM, BIS(NITRATO-0,0')DIOXO-, (OC-6-11)-
UPDT:8303 CAS: 36478-76-9 MW: 394.02 MOLFM: N2-O8-U
SYN: URANYL NITRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 itt-rat TDLo:31522 ug/kg (1D male) JRPFA4 7,21,64
1T01 scu-mus TDLo:31522 .g/kg (30D male) JRPFA4 7,21,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YR3850000 URANIUM, BIS(NITRATO)DIOXO-, HEXAHYDRATE
UPDT:8308 CAS: 13520-83-7 MW: 502.14 MOLFM: N2-O8-U .6H2-O
SYN: NA 9178 (DOT) * URANIUM, DINITRATODIOXO-, HEXAHYDRATE * URANYLNITRATE HEXAHYDRATE * URANYL NITRATE HEXAHYDRATE SOLUTION (DOT)
MUTATION DATA AND REFERENCES:
cyt-ham:lng 180 mg/L MUREAV 85,288,81
TOXICITY DATA AND REFERENCES:
ivn-rat LDLo:2 mg/kg 28ZFAO -,307,49
ipr-mus LD50:42 mg/kg 28ZFAO -,305,49
ivn-mus LDLo:21 mg/kg 28ZFAO -,307,49
orl-dog LDLo:12 mg/kg HBTXAC 1,310,55
scu-dog LD50:4 mg/kg 28ZFAO -,282,49
ivn-dog LDLo:7 mg/kg 28ZFAO -,282,49
orl-cat LDLo:238 mg/kg HBTXAC 1,310,55
scu-rbt LD50:1470 ug/kg 28ZFAO -,282,49
ivn-rbt LDLo:210 ug/kg 28ZFAO -,307,49
ivn-gpg LDLo:633 ug/kg EQSSDX 1,1,75
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(U)/m3;STEL 600 ug(U)/m3 DTLVS* 4,423,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(U)/m3 (SCP-O) FEREAC 39,23540,74
★ DOT-HAZARD:RADIOACTIVE MATERIAL; LABEL:RADIOACTIVE AND CORROSIVE CFRGBR 49,172.101,82

YR4025000 URANIUM(IV) CHLORIDE
UPDT:7901 CAS: 10026-10-5 MW: 379.80 MOLFM: Cl4-U
SYN: URANIUM TETRACHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:335 mg/kg 28ZFAO -,-,49
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(U)/m3;STEL 600 ug(U)/m3 DTLVS* 4,423,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(U)/m3 FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YR4200000 URANIUM(6+), DICHLORODIOXY-
UPDT:7908 CAS: 7791-26-6 MW: 340.90 MOLFM: Cl2-O2-U
SYN: URANYL CHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:7 mg/kg COREAF 256,1043,63
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(U)/m3;STEL 600 ug(U)/m3 DTLVS* 4,423,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(U)/m3 FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YR4700000 URANIUM, DIFLUORODIOXO-
UPDT:7901 CAS: 13536-84-0 MW: 308.00 MOLFM: F2-O2-U
SYN: URANIUM OXYFLUORIDE * URANIUM FLUORIDE OXIDE * URANYL FLUORIDE
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:40 mg/kg 14CYAT 2,1167,63
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(U)/m3;STEL 600 ug(U)/m3 DTLVS* 4,423,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(U)/m3 (SCP-O) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

URANIUM, DINITRATODIOXO-, HEXAHYDRATE see: YR3850000

YR4720000 URANIUM FLUORIDE (fissle)
UPDT:8308 CAS: 7783-81-5 MW: 352.00 MOLFM: F6-U
SYN: NA 9173 (DOT) * URANIUM HEXAFLUORIDE, fissile (containing more than 0.7% U-235) (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(U)/m3;STEL 600 ug(U)/m3 DTLVS* 4,423,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(U)/m3 FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ DOT-RADIOACTIVE MATERIAL; LABEL:RADIOACTIVE AND CORROSIVE CFRGBR 49,172.101,82

YR4722000 URANIUM FLUORIDE (low specific activity)
UPDT:8308 CAS: 7783-81-5 MW: 352.00 MOLFM: F6-U
SYN: NA 9174 (DOT) * URANIUM HEXAFLUORIDE, low specific activity (containing 0.7% or less U-235) (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(U)/m3;STEL 600 ug(U)/m3 DTLVS* 4,423,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 50 ug(U)/m3 FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74

URANIUM FLUORIDE OXIDE see: YR4700000
URANIUM HEXAFLUORIDE, fissile (containing more than 0.7% U-235) (DOT) see: YR4720000
URANIUM HEXAFLUORIDE, low specific activity (containing 0.7% or less U-235) (DOT) see: YR4722000
URANIUM METAL, PYROPHORIC (DOT) see: YR3490000
URANIUM OXYACETATE see: YR3675000
URANIUM OXYFLUORIDE see: YR4700000
URANIUM TETRACHLORIDE see: YR4025000
URANYL ACETATE see: YR3675000
URANYL ACETATE (DOT) see: YR3675000
URANYL CHLORIDE see: YR4200000
URANYL FLUORIDE see: YR4700000
URANYL NITRATE see: YR3807000
URANYLNITRATE HEXAHYDRATE see: YR3850000
URANYL NITRATE HEXAHYDRATE SOLUTION (DOT) see: YR3850000
URANYL NITRATE, SOLID (DOT) see: YR3805000
URAPIDIL see: YQ9862000
URARI see: GS3325000

YR5775570 URARIA LAGOPOIDES DC., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 7,250,69)
UPDT:8405
SYN: CHAKULIA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg IJEBA6 7,250,69

YR5775580 URARIA PICTA Desv., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 15,208,77)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

URAZIUM see: US7875000
URAZOLE, 1-(o-CHLOROPHENYL)-2-PHENYL- see: DT4393200
URBACID see: EZ9680000
URBACIDE see: EZ9680000
URBANYL see: DE9600000
URBASON see: TU4146000
URBASONE see: TU4146000
URBASON SOLUBILE see: TU4154060
URBASULF see: CH7000000
URBAZID see: EZ9680000
URBIL see: TZ0175000
URBILAT see: TZ0175000
URBOL see: UR0785000
dURD see: YU7490000

YR6250000 UREA
UPDT:8408 CAS: 57-13-6 MW: 60.07 MOLFM: C-H4-N2-O
SYN: B-I-K * CARBAMIDE * CARBAMIDE RESIN * CARBAMIMIDIC ACID * CARBONYL DIAMIDE * CARBONYLDIAMINE * ISOUREA * NCI-C02119 * PRESPERSION, 75 UREA * PSEUDOUREA * SUPERCEL 3000 * UREAPHIL * UREOPHIL * UREVERT * VARIOFORM II
IRRITATION DATA AND REFERENCES:
skn-hmn 22 mg/3D-I MLD 85DKA8 -,127,77
MUTATION DATA AND REFERENCES:
dni-hmn:lym 600 mmol/L PNASA6 79,1171,82
cyt-hmn:leu 50 mmol/L CNREA8 25,980,65
dnd-ham:fbr 8 mol/L SFCRAO 23,346,70
cyt-ham:fbr 16 gm/L/24H MUREAV 48,337,77
cyt-ham:lng 13 gm/L GMCRDC 27,95,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T27 ipc-wmn TDLo:1400 mg/kg (16W preg) OBGNAS 43,765,74
1T27 ipc-wmn TDLo:1600 mg/kg (16W preg) BJCPAT 26,24,72
1T27 ipc-wmn TDLo:1600 mg/kg (16W preg) BMJOAE 1,28,71
1T27 iut-mky TDLo:6 gm/kg (18W preg) IJEBA6 12,372,74
TUMORIGENIC DATA AND REFERENCES:
3V02P60P62 orl-rat TDLo:821 gm/kg/1Y-C JEPTDQ 3(5-6),149,80
3V01P60P62 orl-mus TDLo:394 gm/kg/1Y-C JEPTDQ 3(5-6),149,80
TOXICITY DATA AND REFERENCES:
3F05F17F25 orl-rat LD50:14300 mg/kg OYYAA2 13,749,77
3F05F17F25 scu-rat LD50:8200 mg/kg OYYAA2 13,749,77
3F05F17F25 ivn-rat LD50:5300 mg/kg OYYAA2 13,749,77
3F05F17F25 orl-mus LD50:11500 mg/kg OYYAA2 13,749,77
3F05F17F25 scu-mus LD50:9200 mg/kg OYYAA2 13,749,77
3F05F17F25 ivn-mus LD50:4600 mg/kg OYYAA2 13,749,77
scu-dog LDLo:3000 mg/kg HBAMAK 4,1353,35
ivn-dog LDLo:3000 mg/kg HBAMAK 4,1353,35
scu-rbt LDLo:3000 mg/kg HBAMAK 4,1353,35
ivn-rbt LDLo:4800 mg/kg HBAMAK 4,1353,35
scu-pgn LDLo:16 gm/kg HBAMAK 4,1353,35
scu-frg LDLo:600 mg/kg HBAMAK 4,1353,35
orl-dom LDLo:511 mg/kg AJPHAP 153,41,48
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YR6255500 UREA, 1-ACETONYL-1-NITROSO-
UPDT:8408 MW: 145.14 MOLFM: C4-H7-N3-O3
SYN: 1-ACETONYL-1-NITROSOUREA * N-(2-OXOPROPYL)-N-NITROSOUREA
MUTATION DATA AND REFERENCES:
dnd-mam:lym 10 mmol/L CBINAB 48,169,84

YR6475000 UREA, 1-ACETYL-3-(2-BROMO-2-ETHYLBUTYRYL)-
UPDT:8403 CAS: 77-66-7 MW: 279.17 MOLFM: C9-H15-Br-N2-O3
SYN: ABASIN * ABSIN * ACECARBROMAL * ACETCARBROMAL * ACETKARBROMAL * ACETYL ADALIN * ACETYLBROMODIETHYLACETYLCARBAMIDE * N-ACETYL-N-BROMODIETHYLACETYLCARBAMIDE * N-ACETYL-N-BROMODIETHYLACETYLUREA * N-ACETYL-N'-alpha-BROMO-alpha-ETHYLBUTYRYLCARBAMIDE * N-((ACETYLAMINO)CARBONYL)-2-BROMO-2-ETHYLBUTANAMIDE * 1-ACETYL-3-(alpha-BROMO-alpha-ETHYLBUTYRYL)UREA * 1-ACETYL-3-(2-BROMO-2-ETHYLBUTYRYL)UREA * ACETYLCARBROMAL * ADITYL * CARBASED * DAROLON * IBATRAN * PAXAREL * SEDAMYL * SEDMYNOL * SEDTRAN
TOXICITY DATA AND REFERENCES:
1F10 orl-hmn TDLo:7 mg/kg 27ZQAG -,423,72

orl-mus LD50:1600 mg/kg CLDND*

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YR6560000 UREA, 3-(3-ACETYL-4-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)-1,1-DIETHYL-, MONOHYDROCHLORIDE

UPDT:8403 MW: 416.02 MOLFM: C20-H33-N3-O4 Cl-H

SYN: 3-(3-ACETIL-4-(3-tert-BUTILAMINO-2-HIDROXIPROPOXI)FENIL)-1,1-DIETILUREA HCl (Spanish) * 3-(3-ACETYL-4-(3-tert-BUTYLAMINO-2-HYDROXYPROPOXY)PHENYL)-1,1-DIETHYLHARNSTOFF HCl (German) * 3-(3-ACETYL-4-(3-tert-BUTYLAMINO-2-HYDROXYPROPOXY)PHENYL)-1,1-DIETHYLUREA HYDROCHLORIDE * CELIPROLOL HYDROCHLORID (German) * CELIPROLOL HYDROCHLORIDE * CLORHIDRATO de CELIPROLOL (Spanish) * SELECTROL * ST 1396 CLORHIDRATO (Spanish) * ST 1396 HYDROCHLORID (German) * ST 1396 HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

1E02 orl-rat LD50:3826 mg/kg ARZNAD 33,41,83

1E02 ivn-rat LD50:68300 ug/kg ARZNAD 33,41,83

1E02 orl-mus LD50:1834 mg/kg ARZNAD 33,41,83

1E02 ivn-mus LD50:56200 ug/kg ARZNAD 33,41,83

* orl-dog LDLo:1250 mg/kg ARZNAD 33,41,83

* ivn-dog LDLo:100 mg/kg ARZNAD 33,41,83

YR6825000 UREA, 1-ACETYL-3-ETHYLNITROSO-

UPDT:8405 CAS: 52217-47-7 MW: 159.17 MOLFM: C5-H9-N3-O3

SYN: N'-ACETYL ETHYLNITROSOUREA

TUMORIGENIC DATA AND REFERENCES:

3V03K60R60 orl-rat TDLo:520 mg/kg/52W-I 27NZAH 2,73,72

TOXICITY DATA AND REFERENCES:

orl-rat LD50:550 mg/kg 27NZAH 2,73,72

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YR6890000 UREA, 1-ACETYL-1-METHYL-3-NITROSO-

UPDT:8406 MW: 145.14 MOLFM: C4-H7-N3-O3

SYN: N-METHYL-N-ACETYLNITROSOUREA

MUTATION DATA AND REFERENCES:

cyt-ham:lng 62 mg/L GMCRDC 27,95,81

YR7000000 UREA, 3-ACETYL-1-METHYL-1-NITROSO-

UPDT:8401 CAS: 28895-91-2 MW: 145.14 MOLFM: C4-H7-N3-O3

SYN: ACETYL-METHYL-NITROSO-HARNSTOFF (German) * ACETYLMETHYLNITROSOUREA * N'-ACETYL-METHYLNITROSOUREA * N-METHYL-N-NITROSO-N'-ACETYLUREA * 1-METHYL-1-NITROSOACETYLUREA * UREA, 1-METHYL-1-NITROSOACETYL-

MUTATION DATA AND REFERENCES:

cyt-ham:fbr 500 mg/L/20H MUREAV 48,337,77

TUMORIGENIC DATA AND REFERENCES:

3V03A60K60 orl-rat TDLo:468 mg/kg/47W-I ZEKBAI 74,23,70

2V03K60 orl-rat TD :740 mg/kg/74W-I XENOBH 3,271,73

3V03A60K60 orl-rat TD :540 mg/kg/54W-I 27NZAH 2,73,72

TOXICITY DATA AND REFERENCES:

orl-rat LD50:200 mg/kg XENOBH 3,271,73

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YR7175000 UREA, 1-ACETYL-3-(2-PHENYLBUTYRYL)-

UPDT:8403 CAS: 13402-08-9 MW: 248.31 MOLFM: C13-H16-N2-O3

SYN: N-((ACETYLAMINO)CARBONYL)-alpha-ETHYLBENZENEACETAMIDE * ACETYLPHENETURIDE * 1-ACETYL-3-PHENYLETHYLACETYLUREA * CRAMPOL * CRAMPOLE * N-alpha-ETHYLPHENYLACETYL-N'-ACETYL UREA * P-398

TOXICITY DATA AND REFERENCES:

2F04U01 orl-rat LD50:1174 mg/kg ARZNAD 18,524,68

* ipr-rat LD50:543 mg/kg NIIRDN 6,17,82

3F04F25J25 orl-mus LD50:1165 mg/kg ARZNAD 18,524,68

* ipr-mus LD50:560 mg/kg NIIRDN 6,17,82

YR7250000 UREA, 1-(p-ACETYLPHENYL)-3-METHYL-3-NITROSO-

UPDT:8411 MW: 221.24 MOLFM: C10-H11-N3-O3

SYN: 1-(p-ACETYLPHENYL)-3-METHYL-3-NITROSOUREA

MUTATION DATA AND REFERENCES:

mmo-sat 66 umol/L CNREA8 39,5147,79

TUMORIGENIC DATA AND REFERENCES:

3V01K60R60 skn-mus TDLo:657 mg/kg/7W-I CNREA8 44,1027,84

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YR7350000 UREA, 1-((p-ACETYLPHENYL)SULFONYL)-3-CYCLOHEXYL-

UPDT:8412 CAS: 968-81-0 MW: 324.43 MOLFM: C15-H20-N2-O4-S

SYN: ACETOHEXAMIDE * 1-(p-ACETYLBENZENESULFONYL)-3-CYCLOHEXYLUREA * 1-((p-ACETYLPHENYL)SULFONYL)-3-CYCLOHEXYLUREA * BENZENESULFONAMIDE, 4-ACETYL-N-((CYCLOHEXYLAMINO)CARBONYL)- * CYCLAMIDE * DIMELIN * DIMELOR * DYMELOR * NCI-C03247 * ORDIMEL * TSIKLAMID

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T71 unk-wmn TDLo:900 mg/kg (26-39W preg) BMJOAE 2,187,64

TOXICITY DATA AND REFERENCES:

orl-rat LD50:5000 mg/kg TXAPA9 18,185,71

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-50,78)

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YR7550000 UREA, 1-ACETYL-3-PIPERIDINOMETHYL-, HYDROCHLORIDE

UPDT:8405 MW: 235.75 MOLFM: C9-H17-N3-O2 Cl-H

SYN: 1-ACETYL-3-PIPERIDINOMETHYLUREA HYDROCHLORIDE * AN-64

TOXICITY DATA AND REFERENCES:

3F07F12J22 ipr-mus LD50:890 mg/kg JAPMA8 35,28,46

YR7700000 UREA, 1-ACETYL-2-THIO-

UPDT:8406 CAS: 591-08-2 MW: 118.17 MOLFM: C3-H6-N2-O-S

SYN: ACETYL THIOUREA * 1-ACETYL-2-THIOUREA * RCRA WASTE NUMBER P002 * USAF EK-4890

TOXICITY DATA AND REFERENCES:

orl-rat LD50:50 mg/kg JPETAB 90,260,47

ipr-mus LD50:100 mg/kg NTIS** AD277-689

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YR7735500 UREA, 1-(1-ADAMANTYL)-3-((p-(2-(7-BROMO-3,4-DIHYDRO-4,4-DIMETHYL-1,3-DIOXO- 2(1H)-ISOQUINOLYL)ETHYL)PHENYL)SULFONYL)-, SODIUM SALT

UPDT:8408 CAS: 34723-70-1 MW: 651.63 MOLFM: C30-H34-Br-N3-O5-S Na

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:191 mg/kg USXXAM #3708486

YR7735600 UREA, 1-(1-ADAMANTYL)-3-((p-(2-(7-CHLORO-3,4-DIHYDRO-4,4-DIMETHYL-1,3-DIOXO- 2(1H)-ISOQUINOLYL)ETHYL)PHENYL)SULFONYL)-, SODIUM SALT

UPDT:8408 MW: 607.17 MOLFM: C30-H34-Cl-N3-O5-S Na

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:210 mg/kg USXXAM #3708486

YR7756000 UREA, 1-(1-ADAMANTYL)-3-((p-(2-(3,4-DIHYDRO-4,4-DIMETHYL-1,3-DIOXO-2(1H)-ISOQUINOLYL)ETHYL) PHENYL)SULFONYL)-, SODIUM SALT

UPDT:8408 CAS: 34723-64-3 MW: 572.73 MOLFM: C30-H35-N3-O5-S Na

TOXICITY DATA AND REFERENCES:

* ivn-mus LD50:260 mg/kg USXXAM #3708486

YR7780000 UREA, 1-(1-ADAMANTYL)-3-METHYL-3-NITROSO-

UPDT:8303 MW: 237.34 MOLFM: C12-H19-N3-O2

SYN: 1-(1-ADAMANTYL)-3-METHYL-3-NITROSOUREA * N-METHYL-N'-(1-ADAMANTYL)-N-NITROSOUREA

MUTATION DATA AND REFERENCES:

mmo-sat 45 nmol/plate MUREAV 93,57,82

YR7785000 UREA, 1-(2-ADAMANTYL)-3-METHYL-3-NITROSO-

UPDT:8303 MW: 237.34 MOLFM: C12-H19-N3-O2

SYN: 1-(2-ADAMANTYL)-3-METHYL-3-NITROSOUREA * N-METHYL-N'-(2-ADAMANTYL)-N-NITROSOUREA

MUTATION DATA AND REFERENCES:

mmo-sat 45 nmol/plate MUREAV 93,57,82

YR7800000 UREA, ADIPIC ACID mixed with CARBOXYMETHYLCELLULOSE ACIDS

DEF:Consists of 97.3% UREA, 0.6% ADIPIC ACID and 2.1% CARBOXYMETHYLCELLULOSE ACIDS(ANYAA9 75,543,59)

UPDT:8401

SYN: ADIPIC ACID, UREA mixed with CARBOXYMETHYLCELLULOSE ACIDS * CARBOXYMETHYLCELLULOSE ACIDS mixed with UREA mixed with ADIPIC ACID

TUMORIGENIC DATA AND REFERENCES:

2V03T69 ivg-mus TDLo:91 gm/kg/76W-I ANYAA9 75,543,59

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YR7875000 UREA, ALLYL-

UPDT:8403 CAS: 557-11-9 MW: 100.14 MOLFM: C4-H8-N2-O

SYN: ALLYLCARBAMIDE * ALLYLUREA * MONOALLYLUREA * N-2-PROPENYLUREA

TOXICITY DATA AND REFERENCES:

orl-rat LDLo:250 mg/kg NCNSA6 5,47,53

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UREA, 1-ALLYLAMIDINO-3-(2,6-DIETHYLPHENYL)-, HYDROCHLORIDE see: YR7877000

UREA, 1-ALLYLAMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE see: YR7877500

YR7877000 UREA, N-((ALLYLAMINO)IMINOMETHYL)-N'-(2,6-DIETHYLPHENYL)-, MONOHYDROCHLORIDE

UPDT:8312 CAS: 66871-50-9 MW: 310.87 MOLFM: C15-H22-N4-O Cl-H

SYN: 1-ALLYLAMIDINO-3-(2,6-DIETHYLPHENYL)UREA HYDROCHLORIDE * N-((ALLYLAMINO)IMINOMETHYL)-N'-(2,6-DIETHYLPHENYL)UREA HYDROCHLORIDE * UREA, 1-ALLYLAMIDINO-3-(2,6-DIETHYLPHENYL)-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:200 mg/kg ARZNAD 28,1435,78

YR7877500 UREA, N-((ALLYLAMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)-, MONOHYDROCHLORIDE

UPDT:8312 CAS: 65009-43-0 MW: 282.81 MOLFM: C13-H18-N4-O Cl-H

SYN: 1-ALLYLAMIDINO-3-(2,6-XYLYL)-UREA HYDROCHLORIDE * N-((ALLYLAMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE * UREA, 1-ALLYLAMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:300 mg/kg ARZNAD 28,1435,78

YR7940000 UREA, 1-ALLYL-1-NITROSO-

UPDT:8403 CAS: 760-56-5 MW: 129.14 MOLFM: C4-H7-N3-O2

SYN: 1-ALLYL-1-NITROSOUREA * NITROSOALLYLUREA * UREA, N-NITROSO-N-2-PROPENYL- (9CI)

MUTATION DATA AND REFERENCES:

mmo-sat 1 ug/plate MUREAV 68,1,79

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

YR8050000 UREA, 1-ALLYL-2-THIO-

UPDT:8403 CAS: 109-57-9 MW: 116.20 MOLFM: C4-H8-N2-S

SYN: ALLYLTHIOCARBAMIDE * ALLYLTHIOUREA * N-ALLYLTHIOUREA * 1-ALLYLTHIOUREA * 1-ALLYL-2-THIOUREA * AMINOSIN * (2-PROPENYL)THIOUREA * RHODALLIN * RHODALLINE * THIOSINAMIN * THIOSINAMINE * THIOCYNAMINE * U 1957'

MUTATION DATA AND REFERENCES:

mmo-sat 150 ug/plate ABCHA6 44,3017,80

TOXICITY DATA AND REFERENCES:

orl-rat LD50:200 mg/kg JPETAB 90,260,47

ipr-rat LD50:500 mg/kg JPETAB 89,186,47

scu-rat LDLo:50 mg/kg HBAMAK 4,1289,35

scu-mus LDLo:700 mg/kg HBAMAK 4,1289,35

ivn-dog LDLo:110 mg/kg HBAMAK 4,1289,35

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA, 1-AMIDINO-3-(2-BROMO-6-METHYLPHENYL)-, HYDROCHLORIDE see: YR8441000

UREA, 3-AMIDINO-1-BUTYL-1-(2,6-DIMETHYLPHENYL)-, HYDROCHLORIDE see: YR8441500

UREA, 1-AMIDINO-3-(2-CHLORO-6-FLUOROPHENYL)-, HYDROCHLORIDE see: YR8442000

UREA, 1-AMIDINO-3-(2-CHLORO-6-METHYLPHENYL)-, HYDROCHLORIDE see: YR8443000

UREA, 3-AMIDINO-1-(2-CHLORO-6-METHYLPHENYL)-1-METHYL-, HYDROCHLORIDE see: YR8442500

UREA, 1-AMIDINO-3-(p-CYANOPHENYL)-, HYDROCHLORIDE see: YR8443500

UREA, 1-AMIDINO-3-(2,6-DIBROMOPHENYL)-, HYDROCHLORIDE see: YR8444000

UREA, 1-AMIDINO-3-(2,6-DICHLOROPHENYL)-, HYDROCHLORIDE see: YR8444500

YR8157420 UREA, 1-AMIDINO-3-(p-(DIETHYLCARBAMOYL)PHENYL)-, MONOHYDROCHLORIDE

UPDT:8405 MW: 313.83 MOLFM: C13-H19-N5-O2 Cl-H

SYN: 1-AMIDINO-3-(p-(DIETHYLCARBAMOYL)PHENYL)UREA MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:197 mg/kg JAJAAA 18,196,65

UREA, 1-AMIDINO-3-(2,6-DIETHYLPHENYL)- see: YR8445000

UREA, 3-AMIDINO-1-(2,6-DIETHYLPHENYL)-1-METHYL-, HYDROCHLORIDE see: YR8445700

UREA, 3-AMIDINO-1-(2,6-DIETHYLPHENYL)-1-PROPYL-, HYDROCHLORIDE see: YR8445800

UREA, 1-AMIDINO-3-(2,6-DIMETHYLPHENYL)-, HYDROCHLORIDE see: YR8446600

UREA, 3-AMIDINO-1-(2,6-DIMETHYLPHENYL)-1-METHYL-, HYDROCHLORIDE see: YR8446500

UREA, 1-AMIDINO-3-(2-ETHYL-6-METHYLPHENYL)- see: YR8447000

UREA, 3-AMIDINO-1-ETHYL-1-(2,6-XYLYL)-, HYDROCHLORIDE see: YR8446000

UREA, 1-AMIDINO-3-(2-METHOXY-6-METHYLPHENYL)- see: YR8447500

UREA, 1-AMIDINO-3-(2-METHYL-6-NITROPHENYL)-, HYDROCHLORIDE see: YR8447600

UREA, 1-AMIDINO-3-(o-TOLYL)-, HYDROCHLORIDE see: YR8447700

UREA, AMINO- see: VT2975000

YR8434000 UREA, N-(4-AMINO-2,6-DIETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, DIHYDROCHLORIDE

UPDT:8312 CAS: 66871-53-2 MW: 336.31 MOLFM: C13-H21-N5-O 2Cl-H

SYN: N-(4-AMINO-2,6-DIETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA DIHYDROCHLORIDE * UREA, 1-(4-AMINO-2,6-DIETHYLPHENYL)-3-METHYLAMIDINO-, DIHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:60 mg/kg ARZNAD 28,1435,78

UREA, 1-(4-AMINO-2,6-DIETHYLPHENYL)-3-METHYLAMIDINO-, DIHYDROCHLORIDE see: YR8434000

YR8435000 UREA, 1-(1-(2-AMINO-1,6-DIHYDRO-6-OXO-9H-PURIN-9-YL)-2-DEOXY-beta-D-RIBOFURANOS-2-YL)-3-(2- CHLOROETHYL)-3-NITROSO-

UPDT:8306 MW: 402.80 MOLFM: C12-H15-Cl-N8-O6

TOXICITY DATA AND REFERENCES:

1V30 ipr-mus LD50:60 mg/kg CPBTAL 27,765,79

YR8440000 UREA, 1-(1-(2-AMINO-1,6-DIHYDRO-6-OXO-9H-PURIN-9-YL)-2-DEOXY-beta-D-RIBOFURANOS-2-YL)- 3-METHYL-3-NITROSO-

UPDT:8306 MW: 354.33 MOLFM: C11-H14-N8-O6

BEST COPY A

TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:60 mg/kg CPBTAL 27,765,79

YR8441000 UREA, N-(AMINOIMINOMETHYL)-N'-(2-BROMO-6-METHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-65-5 MW: 307.61 MOLFM: C9-H11-Br-N4-O Cl-H
SYN: 1-AMIDINO-3-(2-BROMO-6-METHYLPHENYL)-UREA HYDROCHLORIDE * N-(AMINOIMINOMETHYL)-N'-(2-BROMO-6-METHYLPHENYL)UREA HYDROCHLORIDE * UREA, 1-AMIDINO-3-(2-BROMO-6-METHYLPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:100 mg/kg ARZNAD 28,1435,78

YR8441500 UREA, N'-(AMINOIMINOMETHYL)-N-BUTYL-N-(2,6-DIMETHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-70-2 MW: 298.86 MOLFM: C14-H22-N4-O Cl-H
SYN: 3-AMIDINO-1-BUTYL-1-(2,6-DIMETHYLPHENYL)-UREA HYDROCHLORIDE * N'-(AMINOIMINOMETHYL)-N-BUTYL-N-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE * UREA, 3-AMIDINO-1-BUTYL-1-(2,6-DIMETHYLPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:275 mg/kg ARZNAD 28,1435,78

YR8442000 UREA, N-(AMINOIMINOMETHYL)-N'-(2-CHLORO-6-FLUOROPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 56462-17-0 MW: 267.11 MOLFM: C8-H8-Cl-F-N4-O Cl-H
SYN: 1-AMIDINO-3-(2-CHLORO-6-FLUOROPHENYL)-UREA HYDROCHLORIDE * N-(AMINOIMINOMETHYL)-N'-(2-CHLORO-6-FLUOROPHENYL)UREA HYDROCHLORIDE * UREA, 1-AMIDINO-3-(2-CHLORO-6-FLUOROPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:50 mg/kg ARZNAD 28,1435,78

YR8442500 UREA, N'-(AMINOIMINOMETHYL)-N-(2-CHLORO-6-METHYLPHENYL)-N-METHYL-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-67-7 MW: 277.18 MOLFM: C10-H13-Cl-N4-O Cl-H
SYN: 3-AMIDINO-1-(2-CHLORO-6-METHYLPHENYL)-1-METHYL-UREA HYDROCHLORIDE * N'-(AMINOIMINOMETHYL)-N-(2-CHLORO-6-METHYLPHENYL)-N-METHYLUREA HYDROCHLORIDE * UREA, 3-AMIDINO-1-(2-CHLORO-6-METHYLPHENYL)-1-METHYL-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:50 mg/kg ARZNAD 28,1435,78

YR8443000 UREA, N-(AMINOIMINOMETHYL)-N'-(2-CHLORO-6-METHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65009-02-1 MW: 263.15 MOLFM: C9-H11-Cl-N4-O Cl-H
SYN: 1-AMIDINO-3-(2-CHLORO-6-METHYLPHENYL)-UREA HYDROCHLORIDE * N-(AMINOIMINOMETHYL)-N'-(2-CHLORO-6-METHYLPHENYL)UREA HYDROCHLORIDE * UREA, 1-AMIDINO-3-(2-CHLORO-6-METHYLPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:90 mg/kg ARZNAD 28,1435,78

YR8443500 UREA, N-(AMINOIMINOMETHYL)-N'-(4-CYANOPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-35-9 MW: 239.69 MOLFM: C9-H9-N5-O Cl-H
SYN: N-(AMINOIMINOMETHYL)-N'-(4-CYANOPHENYL)UREA HYDROCHLORIDE * UREA, 1-AMIDINO-3-(p-CYANOPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:275 mg/kg ARZNAD 28,1435,78

YR8444000 UREA, N-(AMINOIMINOMETHYL)-N'-(2,6-DIBROMOPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-64-4 MW: 372.48 MOLFM: C8-H8-Br2-N4-O Cl-H
SYN: 1-AMIDINO-3-(2,6-DIBROMOPHENYL)-UREA HYDROCHLORIDE * N-(AMINOIMINOMETHYL)-N'-(2,6-DIBROMOPHENYL)UREA HYDROCHLORIDE * UREA, 1-AMIDINO-3-(2,6-DIBROMOPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:50 mg/kg ARZNAD 28,1435,78

YR8444500 UREA, N-(AMINOIMINOMETHYL)-N'-(2,6-DICHLOROPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 56462-06-7 MW: 283.56 MOLFM: C8-H8-Cl2-N4-O Cl-H
SYN: 1-AMIDINO-3-(2,6-DICHLOROPHENYL)-UREA HYDROCHLORIDE * N-(AMINOIMINOMETHYL)-N'-(2,6-DICHLOROPHENYL)UREA HYDROCHLORIDE * UREA, 1-AMIDINO-3-(2,6-DICHLOROPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:50 mg/kg ARZNAD 28,1435,78

YR8445000 UREA, N-(AMINOIMINOMETHYL)-N'-(2,6-DIETHYLPHENYL)-
UPDT:8312 CAS: 55832-01-4 MW: 234.34 MOLFM: C12-H18-N4-O
SYN: 1-AMIDINO-3-(2,6-DIETHYLPHENYL) UREA * N-(AMINOIMINOMETHYL)-N'-(2,6-DIETHYLPHENYL)UREA * UREA, 1-AMIDINO-3-(2,6-DIETHYLPHENYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:292 mg/kg ARZNAD 28,1435,78

YR8445600 UREA, N'-(AMINOIMINOMETHYL)-N-(2,6-DIETHYLPHENYL)-N-ETHYL-, MONOHYDROCHLORIDE
UPDT:8401 CAS: 68656-72-4 MW: 298.86 MOLFM: C14-H22-N4-O Cl-H
SYN: 3-AMIDINO-1-(2,6-DIETHYLPHENYL)-1-ETHYL-UREA HYDROCHLORIDE * N'-(AMINOIMINOMETHYL)-N-(2,6-DIETHYLPHENYL)-N-ETHYLUREA HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:250 mg/kg ARZNAD 28,1435,78

YR8445700 UREA, N'-(AMINOIMINOMETHYL)-N-(2,6-DIETHYLPHENYL)-N-METHYL-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-71-3 MW: 284.83 MOLFM: C13-H20-N4-O Cl-H
SYN: 3-AMIDINO-1-(2,6-DIETHYLPHENYL)-1-METHYL-UREA HYDROCHLORIDE * N'-(AMINOIMINOMETHYL)-N-(2,6-DIETHYLPHENYL)-N-METHYLUREA HYDROCHLORIDE * UREA, 3-AMIDINO-1-(2,6-DIETHYLPHENYL)-1-METHYL-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:150 mg/kg ARZNAD 28,1435,78

YR8445800 UREA, N'-(AMINOIMINOMETHYL)-N-(2,6-DIETHYLPHENYL)-N-PROPYL-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-73-5 MW: 312.89 MOLFM: C15-H24-N4-O Cl-H
SYN: 3-AMIDINO-1-(2,6-DIETHYLPHENYL)-1-PROPYL-UREA HYDROCHLORIDE * N'-(AMINOIMINOMETHYL)-N-(2,6-DIETHYLPHENYL)-N-PROPYLUREA HYDROCHLORIDE * UREA, 3-AMIDINO-1-(2,6-DIETHYLPHENYL)-1-PROPYL-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:450 mg/kg ARZNAD 28,1435,78

YR8446000 UREA, N'-(AMINOIMINOMETHYL)-N-(2,6-DIMETHYLPHENYL)-N-ETHYL-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-69-9 MW: 270.80 MOLFM: C12-H18-N4-O Cl-H
SYN: N'-(AMINOIMINOMETHYL)-N-(2,6-DIMETHYLPHENYL)-N-ETHYL-UREA HYDROCHLORIDE * UREA, 3-AMIDINO-1-ETHYL-1-(2,6-XYLYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:75 mg/kg ARZNAD 28,1435,78

YR8446500 UREA, N'-(AMINOIMINOMETHYL)-N-(2,6-DIMETHYLPHENYL)-N-METHYL-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-68-8 MW: 256.77 MOLFM: C11-H16-N4-O Cl-H
SYN: 3-AMIDINO-1-(2,6-DIMETHYLPHENYL)-1-METHYL-UREA HYDROCHLORIDE * N'-(AMINOIMINOMETHYL)-N-(2,6-DIMETHYLPHENYL)-N-METHYLUREA HYDROCHLORIDE * UREA, 3-AMIDINO-1-(2,6-DIMETHYLPHENYL)-1-METHYL-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:250 mg/kg ARZNAD 28,1435,78

YR8446600 UREA, N-(AMINOIMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68407-08-9 MW: 242.74 MOLFM: C10-H14-N4-O Cl-H
SYN: 1-AMIDINO-3-(2,6-DIMETHYLPHENYL)-UREA HYDROCHLORIDE * N-(AMINOIMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE * UREA, 1-AMIDINO-3-(2,6-DIMETHYLPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:50 mg/kg ARZNAD 28,1435,78

YR8447000 UREA, N-(AMINOIMINOMETHYL)-N'-(2-ETHYL-6-METHYLPHENYL)-
UPDT:8312 CAS: 55832-00-3 MW: 220.31 MOLFM: C11-H16-N4-O
SYN: 1-AMIDINO-3-(2-ETHYL-6-METHYLPHENYL)-UREA * N-(AMINOIMINOMETHYL)-N'-(2-ETHYL-6-METHYLPHENYL)UREA * UREA, 1-AMIDINO-3-(2-ETHYL-6-METHYLPHENYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:130 mg/kg ARZNAD 28,1435,78

YR8447500 UREA, N-(AMINOIMINOMETHYL)-N'-(2-METHOXY-6-METHYLPHENYL)-
UPDT:8312 CAS: 55832-03-6 MW: 222.28 MOLFM: C10-H14-N4-O2
SYN: 1-AMIDINO-3-(2-METHOXY-6-METHYLPHENYL)-UREA * N-(AMINOIMINOMETHYL)-N'-(2-METHOXY-6-METHYLPHENYL)UREA * UREA, 1-AMIDINO-3-(2-METHOXY-6-METHYLPHENYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg ARZNAD 28,1435,78

YR8447600 UREA, N-(AMINOIMINOMETHYL)-N'-(2-METHYL-6-NITROPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-66-6 MW: 273.71 MOLFM: C9-H11-N5-O3 Cl-H
SYN: 1-AMIDINO-3-(2-METHYL-6-NITROPHENYL)-UREA HYDROCHLORIDE * N-(AMINOIMINOMETHYL)-N'-(2-METHYL-6-NITROPHENYL)UREA HYDROCHLORIDE * UREA, 1-AMIDINO-3-(2-METHYL-6-NITROPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:170 mg/kg ARZNAD 28,1435,78

YR8447700 UREA, N-(AMINOIMINOMETHYL)-N'-(2-METHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68657-19-2 MW: 228.71 MOLFM: C9-H12-N4-O Cl-H
SYN: N-(AMINOIMINOMETHYL)-N'-(2-METHYLPHENYL)-UREA HYDROCHLORIDE * UREA, 1-AMIDINO-3-(o-TOLYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:400 mg/kg ARZNAD 28,1435,78

YR8450000 UREA, 3-((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)-1-(2-CHLOROETHYL)-1-NITROSO- MONOHYDROCHLORIDE
UPDT:8403 CAS: 55661-38-6 MW: 309.19 MOLFM: C9-H13-Cl-N6-O2 Cl-H
SYN: ACNU * 1-(4-AMINO-2-METHYLPYRIMIDIN-5-YL)METHYL-3-(2-CHLOROETHYL)-3-NITROSOUREA * N'-((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)-N-(2-CHLOROETHYL)-N-NITROSOUREA HCl * 3-((4-AMINO-2-METHYL-5-PYRIMIDINYL)METHYL)-1-(2-CHLOROETHYL)-1-NITROSOUREA HYDROCHLORIDE * CS-439 * NIDRAN * NIMUSTINE HYDROCHLORIDE * NSC-245,382
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate CNREA8 38,2148,78
mma-sat 50 ug/plate CNREA8 38,2148,78
dnd-mus:leu 100 umol/L INSSDM 19,49,81
dnd-mus:bmr 100 umol/L INSSDM 19,49,81
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 ivn-rat TDLo:7 mg/kg (7-20D preg) SKKNAJ 29,118,77
1T34 ivn-rbt TDLo:13 mg/kg (6-18D preg) SKKNAJ 29,118,77
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:96300 ug/kg IYKEDH 10,884,79
* ipr-rat LD50:52700 ug/kg IYKEDH 10,884,79
* scu-rat LD50:60800 ug/kg IYKEDH 10,884,79
* ivn-rat LD50:44300 ug/kg IYKEDH 10,884,79
* orl-mus LD50:67500 ug/kg IYKEDH 10,884,79
* ipr-mus LD50:49300 ug/kg IYKEDH 10,884,79
* scu-mus LD50:72800 ug/kg IYKEDH 10,884,79
* ivn-mus LD50:53200 ug/kg IYKEDH 10,884,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA, 1-(p-AMINOPHENYL)-3-ETHYLAMINO-, DIHYDROCHLORIDE see: YR8480000

YR8480000 UREA, N-(4-AMINOPHENYL)-N'-((ETHYLAMINO)IMINOMETHYL)-, DIHYDROCHLORIDE
UPDT:8312 CAS: 68706-40-1 MW: 294.22 MOLFM: C10-H15-N5-O 2Cl-H
SYN: N-(p-AMINOPHENYL)-N'-((ETHYLAMINO)IMINOMETHYL)-UREA DIHYDROCHLORIDE * UREA, 1-(p-AMINOPHENYL)-3-ETHYLAMINO-, DIHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg ARZNAD 28,1435,78

YR8925000 UREA ANTIMONYL TARTRATE
UPDT:7901 CAS: 64024-08-4
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:14 mg(Sb)/kg AJTMAQ 25,263,45
REVIEW AND REFERENCES:
★ TLV-TWA 0.5 mg(Sb)/m3 DTLVS* 4,20,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 0.5 mg(Sb)/m3 (SCP-A) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ANTIMONY recm std-air:TWA 0.5 mg/m3 NTIS**

YR8950000 UREA, 1-(2-BENZIMIDAZOLYL)-3-METHYL-
UPDT:8307 CAS: 21035-25-6 MW: 190.23 MOLFM: C9-H10-N4-O
SYN: BCM (NH) * 1-(2-BENZIMIDAZOLYL)-3-METHYLUREA
MUTATION DATA AND REFERENCES:
oms-hmn:leu 1 mg/L THERAP 31,505,76
oms-hmn:oth 2 mg/L THERAP 31,505,76
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T34T35T41 orl-rat TDLo:152 mg/kg (8-15D preg) THERAP 31,505,76
2T43T46 orl-rat TDLo:152 mg/kg (8-15D preg) THERAP 31,505,76
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:56 mg/kg CSLNX* NX#03246
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YR8985000 UREA, 1-(2-BENZOTHIAZOLYL)-3-METHYL-
UPDT:8310 CAS: 1929-88-0 MW: 207.27 MOLFM: C9-H9-N3-O-S
SYN: BAY 60618 * BENZOTHIAZOLE, 2-(1-METHYLUREIDO)- * N-(2-BENZOTHIAZOLYL)-N'-METHYLUREA * BENZTHIAZURON * GATINON * GATNON * 1-METHYL-3-(2-BENZTHIAZOLYL)UREA * S 22012 * N-(2-BENZTHIAZOLYL)-N'-METHYLHARNSTOFF (German) * UREA, 3-(2-BENZOTHIAZOLYL)-1-METHYL-
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1280 mg/kg FMCHA2 -,C115,83
unk-mam LD50:1000 mg/kg 30ZDA9 -,227,71
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

URO-SEPTRA see: UV8240000

UREA, 3-(2-BENZOTHIAZOLYL)-1-METHYL- see: YR8985000

YR9050000 UREA, 1-(2'-BENZOTHIAZOLYL)-3-METHYL-3-NITROSO-
UPDT:8405 CAS: 51542-33-7 MW: 220.27 MOLFM: C9-H8-N4-O-S
SYN: N-(2-BENZOTHIAZOLYL)-N'-METHYL-N'-NITROSOUREA * N-METHYL-N-NITROSO-N'-(2-BENZOTHIAZOLYL)-HARNSTOFF (German) * N-METHYL-N-NITROSO-N'-(2-BENZOTHIAZOLYL)-UREA * N-NITROSOBENZTHIAZURON * N-NITROSO-N-METHYL-N'-(2-BENZOTHIAZOLYL)UREA
MUTATION DATA AND REFERENCES:
slt-smc 4 mmol/L/16H MUREAV 22,121,74
TUMORIGENIC DATA AND REFERENCES:
3V01K60M61 orl-rat TDLo:1156 mg/kg/64W-I IARCCD 14,429,76
3V03K60M61 orl-rat TD :400 mg/kg ZKKOBW 81,217,74
3V03K60M61 orl-rat TD :429 mg/kg/86W-I IARCCD 14,429,76
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:500 mg/kg ZKKOBW 81,217,74
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YR9450000 UREA, 1-BENZOYL-3-(3-CHLOROPHENYL)-2-THIO-
UPDT:8411 CAS: 21258-04-8 MW: 290.78 MOLFM: C14-H11-Cl-N2-O-S
SYN: 3-BENZOYL-1-(m-CHLOROPHENYL)-2-THIOUREA * USAF K-1476

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:200 mg/kg	NTIS** AD277-689
*	ivn-mus LD50:2289 mg/kg	MEIEDD 14,837,69

UREA, 1-BENZOYL-1-(3,4-DICHLOROPHENYL)-3,3-DIMETHYL- (8CI) see: CV3680000

UREA, 1-BENZYLAMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE see: YS1780600

YS1780600 UREA, N-((BENZYLAMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-80-4 MW: 332.87 MOLFM: C17-H20-N4-O Cl-H
SYN: 1-BENZYLAMIDINO-3-(2,6-XYLYL)-UREA HYDROCHLORIDE * N-((BENZYLAMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE * UREA, 1-BENZYLAMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:50 mg/kg	ARZNAD 28,1435,78

YS1800000 UREA, 1-BENZYL-1-(3,4-DICHLOROPHENYL)-3,3-DIMETHYL-
UPDT:8310 CAS: 69226-00-2 MW: 323.24 MOLFM: C16-H16-Cl2-N2-O
SYN: BENZOMARC * N-BENZYL-N-(3,4-DICHLOROPHENYL)-N',N'-DIMETHYLUREA * N-BENZYL-N-(DICHLORO-3,4-PHENYL)-N',N'-DIMETHYLUREA * PHENOBENZORON

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:5000 mg/kg	FMCHA2 -,C30,83

YS1820000 UREA, 1-BENZYL-1-NITROSO-
UPDT:8303 CAS: 775-11-1 MW: 179.20 MOLFM: C8-H9-N3-O2
SYN: NITROSOBENZYLUREA * UREA, N-NITROSO-N-(PHENYLMETHYL)-

MUTATION DATA AND REFERENCES:

	mmo-sat 1 ug/plate	MUREAV 68,1,79

UREA, 3-BENZYLOXYAMIDINO-1-(2,6-DIMETHYLPHENYL)-, HYDROCHLORIDE see: YS1822000

YS1822000 UREA, N-((BENZYLOXY)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65179-01-3 MW: 348.87 MOLFM: C17-H20-N4-O2 Cl-H
SYN: 3-BENZYLOXYAMIDINO-1-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE * N-((BENZYLOXY)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE * UREA, 3-BENZYLOXYAMIDINO-1-(2,6-DIMETHYLPHENYL)-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:300 mg/kg	ARZNAD 28,1435,78

UREA, N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLINYL)-, DIHYDROCHLORIDE (9CI) see: YS1950300

YS1950300 UREA, 1,3-BIS(4-AMINO-2-METHYL-6-QUINOLYL)-, DIHYDROCHLORIDE
UPDT:8308 CAS: 5424-37-3 MW: 445.39 MOLFM: C21-H20-N6-O 2Cl-H
SYN: AMINOQUINCARBAMIDE DIHYDROCHLORIDE * 1,3-BIS(4-AMINO-2-METHYL-6-QUINOLYL)UREA DIHYDROCHLORIDE * BIS-(2-METHYL-4-AMINO-6-QUINOLYL)CARBAMIDE DIHYDROCHLORIDE * UREA, N,N'-BIS(4-AMINO-2-METHYL-6-QUINOLINYL)-, DIHYDROCHLORIDE (9CI)

TOXICITY DATA AND REFERENCES:

2F12J30	ipr-mus LD50:312 mg/kg	ANTCAO 2,581,52
2F12J30	ivn-mus LD50:16300 ug/kg	ANTCAO 2,581,52

YS2585000 UREA, 1,1-BIS(2-CHLOROETHYL)-3-METHYL-3-NITROSO-
UPDT:8401 MW: 228.10 MOLFM: C6-H11-Cl2-N3-O2
SYN: 1,1-BIS-(2-CHLOROETHYL)-3-METHYL-3-NITROSOUREA * 3-NITROSO-1,1-BIS-(2-CHLOROETHYL)-3-METHYLUREA * NITROSOMETHYLBIS(CHLOROETHYL)UREA * 1-NITROSO-1-METHYL-3,3-BIS-(2-CHLOROETHYL)UREA

TUMORIGENIC DATA AND REFERENCES:

3V03J60K60	orl-rat TDLo:76 mg/kg/6W-I	JCROD7 94,131,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS2625000 UREA, 1,3-BIS(2-CHLOROETHYL)-1-NITROSO-
UPDT:8412 CAS: 154-93-8 MW: 214.07 MOLFM: C5-H9-Cl2-N3-O2
SYN: BCNU * BiCNU * N,N'-BIS(2-CHLOROETHYL)-N-NITROSOUREA * BIS(2-CHLOROETHYL)NITROSOUREA * 1,3-BIS(beta-CHLOROETHYL)-1-NITROSOUREA * 1,3-BIS-(2-CHLOROETHYL)-1-NITROSOUREA * BISCHLOROETHYLNITROSOUREA * CARMUSTIN * CARMUSTINE * NCI-C04773 * NITRUMON * NSC-409962

MUTATION DATA AND REFERENCES:

	mmo-sat 100 ug/plate	JNCIAM 60,1495,78
	mma-sat 100 nmol/plate	JJIND8 65,149,80
	mmo-esc 3 nmol/L	APTOA6 53,421,83
	dnr-esc 7 mmol/L	ZKKOBW 92,177,78
	dnd-esc 25 umol/L	MUREAV 89,95,81
	pic-esc 50 ug/plate	CNREA8 43,2819,83
	mrc-smc 500 umol/L/16H	MUREAV 42,45,77
	sce-nml:oth 3 umol/L	PAACA3 24,265,83
	dnr-hmn:fbr 15 mg/L	CNREA8 33,362,73
	dnr-hmn:lng 50 umol/L	CNREA8 38,672,78
	dnd-hmn:emb 100 umol/L	CNREA8 44,1352,84
	dnd-hmn:lng 50 umol/L	CNREA8 38,672,78
	dnd-hmn:hla 25 umol/L	MUREAV 89,95,81
	oms-hmn:hla 10 mg/L	BBACAQ 349,389,74
	dni-hmn:leu 1 umol/L	BBACAQ 425,463,76
	dni-hmn:lng 50 umol/L	CNREA8 38,672,78
	dni-hmn:hla 100 umol/L	MUREAV 92,427,82
	dnd-rat-ipr 100 umol/kg	CNREA8 44,514,84
	dnd-rat:oth 50 umol/L	CNREA8 40,3186,80
	bfa-rat/sat 80 mg/kg	HIKYAJ 26,813,80
	sce-rat:oth 1 umol/L	CNREA8 43,473,83
	mnt-mus-ipr 1450 ug/kg	MUREAV 44,87,77
	mma-mus:lym 200 ug/L	DCTODJ 1,277,78
	dnd-mus:leu 20 mg/L	CNREA8 44,3856,84
	dni-mus-ipr 30 mg/kg	CCROBU 59,531,75
	dni-mus:leu 5 mg/L	CNREA8 40,3723 80
	cyt-mus-ipr 9050 ug/kg	MUREAV 44,87,77
	sce-mus-ivn 4400 ug/kg	CNREA8 42,2813,82
	sce-mus-unk 8800 ug/kg	ENMUDM 2,245,80
	sce-mus/lym 1500 ug/kg	MUREAV 106,85,82
	sce-mus:lym 100 gm/L	MUREAV 106,85,82
	msc-mus:lym 200 ug/L	DCTODJ 1,277,78
	msc-ham:lng 3 mg/L	ENMUDM 4,321,82
	hma-mus/sat 25 mg/kg	JNCIAM 60,1495,78
	hma-mus/leu 4 mg/kg	BCPCA6 23,3097,74
	spm-mus-ipr 33 mg/kg	CNREA8 42,122,82
	dnd-ham:lng 8500 umol/L	CNREA8 38,3379,78
	dni-ham-ipr 15 mg/kg	CNREA8 34,1957,74
	cyt-ham:lng 3200 ug/L	GMCRDC 27,95,81
	msc-ham:lng 10 umol/L	CNREA8 40,2719,80
	msc-ham:ovr 4 mg/L	CNREA8 35,460,75
	dnd-mam:lym 10 mmol/L	CNREA8 44,1887,84

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T46T47T53	ipr-rat TDLo:8 mg/kg (6-9D preg)	TXAPA9 30,422,74
3T41T42T45	ipr-rat TDLo:8 mg/kg (6-9D preg)	TXAPA9 30,422,74
2T26T24	ipr-rat TDLo:9 mg/kg (9W male)	TXAPA9 30,422,74
1T34	ipr-rat TDLo:4 mg/kg (6-9D preg)	TXAPA9 30,422,74
1T01	ipr-mus TDLo:11 mg/kg (1D male)	CNREA8 42,122,82
1T34	ivn-rbt TDLo:6500 ug/kg (6-18D preg)	TXAPA9 30,422,74

TUMORIGENIC DATA AND REFERENCES:

3V03J60K60	ipr-rat TDLo:15 mg/kg/7W-I	CANCAR 40(Suppl 4),1935,77
2V03J60	ivn-rat TDLo:16 mg/kg/60W-I	DTESD7 8,273,80
3V03R21R60	skn-mus TDLo:276 mg/kg/23W-I	EXPEAM 36,1211,80
3V03J60K60	ipr-mus TDLo:98 mg/kg/26W-I	CANCAR 40,1935,77
2V03K60	ivn-rat TD :26 mg/kg/60W-I	DTESD7 8,273,80
2V03J60	ivn-rat TD :45 mg/kg/60W-I	DTESD7 8,273,80
3V03J60K60	ivn-rat TD :51 mg/kg/24W-I	DTESD7 8,273,80

TOXICITY DATA AND REFERENCES:

	ivn-chd LDLo:78 mg/kg/52W-I	CANCAR 42,74,78
3K13P14P17	ivn-hmn TDLo:125 mg/kg	ACRSAJ 16,273,72
3K13P14P17	ivn-hmn TDLo:6 mg/kg	CTRRDO 60,709,76
3J13J22J24	par-wmn LDLo:1566 mg/kg	JAMAAP 244,687,80
1P26	unk-man TDLo:2500 ug/kg	CNCRA6 50,219,66
	orl-rat LD50:20 mg/kg	JPETAB 166,104,69
3F19K12U01	ipr-rat LD50:61800 ug/kg	IYKEDH 9,766,78
3F19K12U01	scu-rat LD50:83200 ug/kg	IYKEDH 9,766,78
3J16K06P26	ivn-rat LD50:13800 ug/kg	ONCOBS 37,177,80
3F19K12U01	ims-rat LD50:79600 ug/kg	IYKEDH 9,766,78
	unk-rat LD10:6600 ug/kg	CNCRA6 50,219,66
	orl-mus LD50:19 mg/kg	TXAPA9 21,405,72
	ipr-mus LD50:26 mg/kg	TXAPA9 21,405,72
	scu-mus LD50:24 mg/kg	TXAPA9 21,405,72
3F19K12U01	ivn-mus LD50:81800 ug/kg	IYKEDH 9,766,78
3F19K12U01	ims-mus LD50:86300 ug/kg	IYKEDH 9,766,78
	ipr-mus LD10:39 mg/kg	JMCMAR 9,892,66
	unk-mus LD10:11 mg/kg	CNCRA6 50,219,66
	orl-dog LDLo:5 mg/kg	ACRSAJ 16,273,72
	ivn-dog LDLo:2 mg/kg	CCROBU 57,33,73
	ivn-mky LDLo:10 mg/kg	CCSUBJ 2,202,65
1V30	par-ham LD10:18 mg/kg	JSONAU 15,355,80

REVIEW AND REFERENCES:

	TOXICOLOGY REVIEW: NTIS** PB282-265	
★	CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 26,79,81
★	CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 26,79,81

STATUS:
★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS INDEFINITE:MOUSE,RAT (CANCAR 40(Suppl 4),1935,77)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS2696000 UREA, (BIS(DIMETHYLAMINO)METHYLENE)(2,6-DIETHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68657-02-3 MW: 326.92 MOLFM: C16-H26-N4-O Cl-H
SYN: (BIS(DIMETHYLAMINO)METHYLENE)(2,6-DIETHYLPHENYL)UREA HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:100 mg/kg	ARZNAD 28,1435,78

YS2696500 UREA, (BIS(DIMETHYLAMINO)METHYLENE)(2,6-DIMETHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 66871-39-4 MW: 298.86 MOLFM: C14-H22-N4-O Cl-H
SYN: (BIS(DIMETHYLAMINO)METHYLENE)(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:100 mg/kg	ARZNAD 28,1435,78

YS2697000 UREA, (BIS(DIMETHYLAMINO)METHYLENE)(2-ETHYL-6-METHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 66871-44-1 MW: 312.89 MOLFM: C15-H24-N4-O Cl-H
SYN: (BIS(DIMETHYLAMINO)METHYLENE)(2-ETHYL-6-METHYLPHENYL)UREA HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:100 mg/kg	ARZNAD 28,1435,78

YS2697500 UREA, (BIS(DIMETHYLAMINO)METHYLENE)(2-METHOXY-6-METHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 66871-45-2 MW: 314.86 MOLFM: C14-H22-N4-O2 Cl-H
SYN: (BIS(DIMETHYLAMINO)METHYLENE)(2-METHOXY-6-METHYLPHENYL)UREA HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:250 mg/kg	ARZNAD 28,1435,78

UREA, 1-(2,6-BIS(ISOPROPYL)PHENYL)-3-METHYLAMIDINO-, SUCCINATE see: YS2762000

YS2760000 UREA, (BIS(METHYLAMINO)METHYLENE)(2,6-DIETHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 66871-42-9 MW: 298.86 MOLFM: C14-H22-N4-O Cl-H
SYN: (BIS(METHYLAMINO)METHYLENE)(2,6-DIETHYLPHENYL)UREA HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:150 mg/kg	ARZNAD 28,1435,78

YS2760500 UREA, (BIS(METHYLAMINO)METHYLENE)(2,6-DIMETHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 66871-34-9 MW: 270.80 MOLFM: C12-H18-N4-O Cl-H
SYN: (BIS(METHYLAMINO)METHYLENE)(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:100 mg/kg	ARZNAD 28,1435,78

YS2761000 UREA, (BIS(METHYLAMINO)METHYLENE)(2-ETHYL-6-METHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 66871-41-8 MW: 284.83 MOLFM: C13-H20-N4-O Cl-H
SYN: (BIS(METHYLAMINO)METHYLENE)(2-ETHYL-6-METHYLPHENYL)-UREA HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:170 mg/kg	ARZNAD 28,1435,78

YS2761500 UREA, (BIS(METHYLAMINO)METHYLENE)(2-METHOXY-6-METHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68657-05-6 MW: 286.80 MOLFM: C12-H18-N4-O2 Cl-H
SYN: (BIS(METHYLAMINO)METHYLENE)(2-METHOXY-6-METHYLPHENYL)UREA HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:275 mg/kg	ARZNAD 28,1435,78

YS2762000 UREA, N-(2,6-BIS(1-METHYLETHYL)PHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, BUTANEDIOATE (1:1)
UPDT:8312 CAS: 65009-16-7 MW: 394.53 MOLFM: C15-H24-N4-O C4-H6-O4
SYN: N-(2,6-BIS(1-METHYLETHYL)PHENYL)-N'-(IMINO(METHYLAMINO)METHYL)UREA BUTANEDIOATE (1:1) * N-(2,6-BIS(1-METHYLETHYL)PHENYL)-N'-METHYLAMIDINO-UREA SUCCINATE * UREA, 1-(2,6-BIS(ISOPROPYL)PHENYL)-3-METHYLAMIDINO-, SUCCINATE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:500 mg/kg	ARZNAD 28,1435,78

YS2787000 UREA, 1,3-BIS(2,2,2-TRICHLORO-1-HYDROXYETHYL)-
UPDT:8309 CAS: 116-52-9 MW: 354.83 MOLFM: C5-H6-Cl6-N2-O3
SYN: 1,3-BIS(1-HYDROXY-2,2,2-TRICHLOROETHYL)UREA * 1,3-BIS(2,2,2-TRICHLORO-1-HYDROXYETHYL)UREA * CRAG DCU-73W * CRAG EXPERIMENTAL HERBICIDE 2 * CRAG HERBICIDE 2 * DCM * DCU * DICHLORAL UREA * DICLORALUREA * DXhM * EH2 * EXPERIMENTAL HERBICIDE 2

IRRITATION DATA AND REFERENCES:

	skn-rbt 50 mg open MLD	UCDS** 4/25/68

MUTATION DATA AND REFERENCES:

	cyt-mus-orl 5 gm/kg	CYGEDX 11(4),62,77

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:6680 mg/kg	28ZEAL 5,74,76

YS2789000 UREA, 1,1-BIS(TRIMETHYLSILYL)-3-BENZOYL-2-THIO-
UPDT:8305 CAS: 71457-04-0 MW: 324.64 MOLFM: C14-H24-N2-O-S-Si2
SYN: BENZAMIDE, N-((BIS(TRIMETHYLSILYL)AMINO)THIOXOMETHYL)- * 1,1-BIS(TRIMETHYLSILYL)-3-BENZOYL-2-THIOUREA

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:250 mg/kg	INDRBA 16,231,79

YS2789100 UREA, 1,1-BIS(TRIMETHYLSILYL)-3-(o-CHLOROPHENYL)-2-THIO-
UPDT:8305 CAS: 71457-01-7 MW: 331.07 MOLFM: C13-H23-Cl-N2-S-Si2
SYN: 1,1-BIS(TRIMETHYLSILYL)-3-(o-CHLOROPHENYL)-2-THIOUREA * THIOUREA, N'-(2-CHLOROPHENYL)-N,N-BIS(TRIMETHYLSILYL)
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:400 mg/kg INDRBA 16,231,79

YS2789200 UREA, 1,1-BIS(TRIMETHYLSILYL)-3-CYCLOHEXYL-2-THIO-
UPDT:8305 CAS: 71457-05-1 MW: 302.69 MOLFM: C13-H30-N2-S-Si2
SYN: 1,1-BIS(TRIMETHYLSILYL)-3-CYCLOHEXYL-2-THIOUREA * THIOUREA, N'-CYCLOHEXYL-N,N-BIS(TRIMETHYLSILYL)-
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:150 mg/kg INDRBA 16,231,79

YS2789400 UREA, 1,1-BIS(TRIMETHYLSILYL)-3-ETHYL-2-THIO-
UPDT:8305 CAS: 71456-98-9 MW: 248.59 MOLFM: C9-H24-N2-S-Si2
SYN: 1,1-BIS(TRIMETHYLSILYL)-3-ETHYL-2-THIOUREA * THIOUREA, N'-ETHYL-N,N-BIS(TRIMETHYLSILYL)-
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg INDRBA 16,231,79

YS2789500 UREA, 1,1-BIS(TRIMETHYLSILYL)-3-(m-FLUOROPHENYL)-2-THIO-
UPDT:8305 CAS: 71457-02-8 MW: 314.62 MOLFM: C13-H23-F-N2-S-Si2
SYN: 1,1-BIS(TRIMETHYLSILYL)-3-(m-FLUOROPHENYL)-2-THIOUREA * THIOUREA, N'-(3-FLUOROPHENYL)-N,N-BIS(TRIMETHYLSILYL)-
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg INDRBA 16,231,79

YS2789510 UREA, 1,1-BIS(TRIMETHYLSILYL)-3-(p-FLUOROPHENYL)-2-THIO-
UPDT:8305 CAS: 71457-03-9 MW: 314.62 MOLFM: C13-H23-F-N2-S-Si2
SYN: 1,1-BIS(TRIMETHYLSILYL)-3-(p-FLUOROPHENYL)-2-THIOUREA * THIOUREA, N'-(4-FLUOROPHENYL)-N,N-BIS(TRIMETHYLSILYL)-
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg INDRBA 16,231,79

YS2789700 UREA, 1,1-BIS(TRIMETHYLSILYL)-3-(m-METHOXYPHENYL)-2-THIO-
UPDT:8305 CAS: 71456-99-0 MW: 326.66 MOLFM: C14-H26-N2-O-S-Si2
SYN: 1,1-BIS(TRIMETHYLSILYL)-3-(m-METHOXYPHENYL)-2-THIOUREA * THIOUREA, N'-(3-METHOXYPHENYL)-N,N-BIS(TRIMETHYLSILYL)-
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg INDRBA 16,231,79

YS2790000 UREA, 1,1-BIS(TRIMETHYLSILYL)-3-(m-TOLYL)-2-THIO-
UPDT:8305 CAS: 71457-00-6 MW: 310.66 MOLFM: C14-H26-N2-S-Si2
SYN: 1,1-BIS(TRIMETHYLSILYL)-3-(m-TOLYL)-2-THIOUREA * THIOUREA, N'-(3-METHYLPHENYL)-N,N-BIS(TRIMETHYLSILYL)-
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:200 mg/kg INDRBA 16,231,79

YS2793000 UREABOR
UPDT:8309 CAS: 8027-85-8 MW: 372.00 MOLFM: C9-H10-Cl2-N2-O .B-H-O2 .4H2-O .Na
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2710 mg/kg FMCHA2 -,C249,83

YS2795000 UREABOR 8D
DEF:88% SODIUM METABORATE TETRAHYDRATE and 8% DIURON (FMCHA2 -,C249,83)
UPDT:8309
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3500 mg/kg FMCHA2 -,C249,83

YS2825000 UREA, N-(5-BROMO-2,6-DIMETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-60-0 MW: 335.67 MOLFM: C11-H15-Br-N4-O .Cl-H
SYN: N-(5-BROMO-2,6-DIMETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE * UREA, 1-(5-BROMO-2,6-DIMETHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:100 mg/kg ARZNAD 28,1435,78

UREA, 1-(5-BROMO-2,6-DIMETHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE see: YS2825000

YS2975000 UREA, (2-BROMO-ETHYLBUTYRYL)-
UPDT:8412 CAS: 77-65-6 MW: 237.13 MOLFM: C7-H13-Br-N2-O2
SYN: ADALIN * ADDISOMNOL * N-(AMINOCARBONYL)-2-BROMO-2-ETHYLBUTANAMIDE * BROMACETOCARBAMIDE * BROMADAL * BROMADEL * BROMDIETHYLACETYLUREA * BROMODIETHYLACETYLCARBAMIDE * BROMODIETHYLACETYLUREA * (alpha-BROMO-alpha-ETHYLBUTYRYL)CARBAMIDE * (alpha-BROMO-alpha-ETHYLBUTYRYL)UREA * 1-BROMO-ETHYL-BUTYRYL-UREA * 2-BROMO-2-ETHYLBUTYRYLUREA * CARBROMAL * DIACID * DORMITURIN * FYDALIN * HOGGAR * KARBROMAL * KARTRYL * NCI-C03805 * NENESIN * NYCTAL * PARKOSED * PELIDORM * PIANADALIN * PLANADALIN * TILDIN * URADAL * UREA, (2-BROMO-2-ETHYLBUTYRYL)- (8CI)
MUTATION DATA AND REFERENCES:
cyt-smc 10 mmol/tube HEREAY 33,457,47
TOXICITY DATA AND REFERENCES:
orl-rat LD50:316 mg/kg NCILB* NCI-E-C-72-3252
2F19J25 ipr-rat LD50:427 mg/kg ITMZBJ 17,305,80
ivn-rat LD50:427 mg/kg ARTODN 40,211,78
orl-mus LD50:464 mg/kg NCILB* NCI-E-C-72-3252
* orl-dog LD50:450 mg/kg 85ESA3 9,233,76
scu-dog LDLo:300 mg/kg HBAMAK 4,1292,35
orl-cat LDLo:350 mg/kg HBAMAK 4,1293,35
orl-rbt LDLo:600 mg/kg SAPHAO 28,193,13
scu-frg LDLo:1667 mg/kg HBAMAK 4,1293,35
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-173,79)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA, (2-BROMO-2-ETHYLBUTYRYL)- (8CI) see: YS2975000

YS3120000 UREA, 1-ISOPROPYL-1-NITROSO-
UPDT:8305 CAS: 16830-14-1 MW: 131.16 MOLFM: C4-H9-N3-O2
SYN: 1-ISOPROPYL-1-NITROSOUREA * NITROSOISOPROPYLUREA * UREA, N-(1-METHYLETHYL)-N-NITROSO- (9CI)
TUMORIGENIC DATA AND REFERENCES:
2V01R60 skn-mus TDLo:525 mg/kg/50W-I JCROD7 102,13,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS3150000 UREA, (2-BROMO-3-METHYLBUTYRYL)-
UPDT:8403 CAS: 496-67-3 MW: 223.10 MOLFM: C6-H11-Br-N2-O2
SYN: ABROVAL * ALLUVAL * ALURAL * N-(AMINOCARBONYL)-2-BROMO-3-METHYLBUTANAMIDE * BROMARAL * BROMCARBAMIDE * BROMISOVAL * BROMISOVALERYLUREA * alpha-BROMISOVALERYLUREA * BROMISOVALUM * BROMIZOVAL * BROMOCARBAMIDE * alpha-BROMO-beta-DIMETHYLPROPANOYLUREA * alpha-BROMOISOVALERIC ACID UREIDE * alpha-BROMOISOVALEROYLUREA * (alpha-BROMOISOVALERYL)UREA * BROMOISOVALUM * 2-BROMO-3-METHYLBUTYRYLUREA * BROMOVAL * BROMOVALEROCARBAMIDE * BROMOVALERYLUREA * BROMOXIL * BROMURAL * BROMUVAN * BROMVALERYLUREA * BROMVALETONE * BROMVALETONUM * BROMVALUREA * BROMYL * BROVALIN * BROVALUREA * BROVARIN * BVU * CALMOTIN * DAGRABROMYL * DIBROLUUR * DORMIGENE * ISOBROMYL * ISOVAL * MONOBROMOISOLVALERYLUREA * 2-MONOBROMOISOVALERYLUREA * PIVADORM * PIVADORN * SOMNUROL * UPIOL * UVALERAL
TOXICITY DATA AND REFERENCES:
2F24K13 orl-wmn TDLo:400 mg/kg BMJOAE 1,1238,55
1F07 orl-rat LD50:1000 mg/kg FEPRA7 7,262,48
* orl-cat LD50:450 mg/kg NIIRDN 6,738,82
* orl-rbt LD50:1200 mg/kg 85ESA3 9,180,76
unk-rbt LDLo:1 gm/kg HBAMAK 4,1289,35
unk-frg LDLo:900 mg/kg HBAMAK 4,1289,35
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA, 1-(2-BROMO-6-METHYLPHENYL)-3-ETHYLAMIDINO-, HYDROCHLORIDE see: YS3160000

YS3160000 UREA, N-(2-BROMO-6-METHYLPHENYL)-N'-((ETHYLAMINO)IMINOMETHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65009-44-1 MW: 335.67 MOLFM: C11-H15-Br-N4-O .Cl-H
SYN: N-(2-BROMO-6-METHYLPHENYL)-N'-((ETHYLAMINO)IMINOMETHYL)-UREA HYDROCHLORIDE * UREA, 1-(2-BROMO-6-METHYLPHENYL)-3-ETHYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:100 mg/kg ARZNAD 28,1435,78

YS3165000 UREA, N-(2-BROMO-6-METHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65009-42-9 MW: 321.64 MOLFM: C10-H13-Br-N4-O .Cl-H
SYN: N-(2-BROMO-6-METHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE * UREA, 1-(2-BROMO-6-METHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg ARZNAD 28,1435,78

YS3167000 UREA, N-(2-BROMO-6-METHYLPHENYL)-N'-(IMINO((1-METHYLETHYL)AMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65009-51-0 MW: 349.70 MOLFM: C12-H17-Br-N4-O .Cl-H
SYN: N-(2-BROMO-6-METHYLPHENYL)-N'-(IMINO(ISOPROPYLAMINO)METHYL)-, HYDROCHLORIDE * N-(2-BROMO-6-METHYLPHENYL)-N'-(IMINO((1-METHYLETHYL)AMINO)METHYL)UREA HYDROCHLORIDE * UREA, 1-(2-BROMO-6-METHYLPHENYL)-3-ISOPROPYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:75 mg/kg ARZNAD 28,1435,78

YS3168000 UREA, N-(2-BROMO-6-METHYLPHENYL)-N'-(IMINO(PROPYLAMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65009-47-4 MW: 349.70 MOLFM: C12-H17-Br-N4-O .Cl-H
SYN: N-(2-BROMO-6-METHYLPHENYL)-N'-(IMINO(PROPYLAMINO)METHYL)-UREA HYDROCHLORIDE * UREA, 1-(2-BROMO-6-METHYLPHENYL)-3-PROPYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:100 mg/kg ARZNAD 28,1435,78

UREA, 1-(2-BROMO-6-METHYLPHENYL)-3-ISOPROPYLAMIDINO-, HYDROCHLORIDE see: YS3167000
UREA, 1-(2-BROMO-6-METHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE see: YS3165000
UREA, 1-(2-BROMO-6-METHYLPHENYL)-3-PROPYLAMIDINO-, HYDROCHLORIDE see: YS3168000

YS3325000 UREA, 3-(p-BROMOPHENYL)-1-METHOXY-1-METHYL-
UPDT:8403 CAS: 3060-89-7 MW: 259.13 MOLFM: C9-H11-Br-N2-O2
SYN: N-(4-BROMOPHENYL)-N'-METHYL-N'-METHOXY-HARNSTOFF (German) * 3-(p-BROMOPHENYL)-1-METHOXY-1-METHYLUREA * 3-(p-BROMOPHENYL)-1-METHYL-1-METHOXYUREA * C-3126 * CIBA-3126 * METOBROMURON * PATORAN * PATTONEX
IRRITATION DATA AND REFERENCES:
eye-rbt 50 mg MLD CIGET* -,-,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2000 mg/kg WRPCA2 9,119,70
orl-mus LD50:2700 mg/kg GUCHAZ 6,351,73
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

YS3350000 UREA, 3-(p-BROMOPHENYL)-1-METHYL-1-NITROSO-
UPDT:8406 MW: 258.10 MOLFM: C8-H8-Br-N3-O2
SYN: 3-(p-BROMOPHENYL)-1-METHYL-1-NITROSOUREA * 1-METHYL-1-NITROSO-3-(p-BROMOPHENYL)UREA
MUTATION DATA AND REFERENCES:
cyt-ham:lng 10 umol/L IAPUDO 31,797,80
sce-ham:lng 10 umol/L IAPUDO 31,797,80
TUMORIGENIC DATA AND REFERENCES:
2V03K60 orl-rat TDLo:1080 mg/kg/30W-I IAPUDO 31,685,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS3580200 UREA, N-(4-(3-(2-BUTENYLAMINO)-2-HYDROXYPROPOXY)PHENYL)-N'-CYCLOHEXYL-
UPDT:8405 CAS: 38651-98-8 MW: 361.54 MOLFM: C20-H31-N3-O3
SYN: N-(4-(3-(2-BUTENYLAMINO)-2-HYDROXYPROPOXY)PHENYL)-N'-CYCLOHEXYL-UREA
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:39 mg/kg PHARAT 30,638,75

UREA, 3-BUTOXYAMIDINO-1-(2,6-DIMETHYLPHENYL)-, HYDROCHLORIDE see: YS3581000

YS3581000 UREA, N-((BUTOXYAMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68657-13-6 MW: 314.86 MOLFM: C14-H22-N4-O2 .Cl-H
SYN: 3-BUTOXYAMIDINO-1-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE * N-((BUTOXYAMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE * UREA, 3-BUTOXYAMIDINO-1-(2,6-DIMETHYLPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:170 mg/kg ARZNAD 28,1435,78

YS3675000 UREA, BUTYL-
UPDT:8311 CAS: 592-31-4 MW: 116.19 MOLFM: C5-H12-N2-O
SYN: N-BUTYLUREA * NCI-C02131
MUTATION DATA AND REFERENCES:
cyt-rat-orl 100 mg/kg ZKKOBW 86,47,76
cyt-ham:fbr 4 gm/L/48H MUREAV 48,337,77
TOXICITY DATA AND REFERENCES:
par-mus LDLo:1627 mg/kg JPETAB 51,217,34
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

YS3680000 UREA, tert-BUTYL-
UPDT:8401 CAS: 1118-12-3 MW: 116.19 MOLFM: C5-H12-N2-O
SYN: tert-BUTYLUREA * UREA, (1,1-DIMETHYLETHYL)- (9CI)
TOXICITY DATA AND REFERENCES:
3F05F07F17 orl-mus LD50:3050 mg/kg AIPTAK 219,103,76
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UREA, 3-BUTYLAMIDINO-1-(2,6-DIMETHYLPHENYL)-, HYDROCHLORIDE see: YS3710000
UREA, 3-sec-BUTYLAMIDINO-1-(2,6-DIMETHYLPHENYL)-, MONOHYDROCHLORIDE see: YT1461700

YS3710000 UREA, N-((BUTYLAMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65009-50-9 MW: 298.86 MOLFM: C14-H22-N4-O .Cl-H
SYN: 3-BUTYLAMIDINO-1-(2,6-DIMETHYLPHENYL)-UREA HYDROCHLORIDE * N-((BUTYLAMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE * UREA, 3-BUTYLAMIDINO-1-(2,6-DIMETHYLPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:260 mg/kg ARZNAD 28,1435,78

YS3810000 UREA, 1-BUTYL-3-(3,4-DICHLOROPHENYL)-1-METHYL-
UPDT:8403 CAS: 555-37-3 MW: 275.20 MOLFM: C12-H16-Cl2-N2-O
SYN: N-BUTYL-N'-(3,4-DICHLOROPHENYL)-N-METHYLUREA * 1-BUTYL-3-(3,4-DICHLOROPHENYL)-1-METHYLUREA * 3-(3,4-DICHLORPHENYL)-1-n-BUTYL-HAPNSTOFF (German) * 3-(3,4-DICHLOROPHENYL)-1-METHYL-1-BUTYLUREA * GRANUREX * KLOBEN * KLOBEN NEBURON * NEBUREA * NEBUREX * NEBURON
TOXICITY DATA AND REFERENCES:
orl-rat LD50:11000 mg/kg 85ARAE 2,144,77
* ivn-mus LD50:180 mg/kg CSLNX* NX#03862

YS3811000 UREA, N-BUTYL-N-(2,6-DIETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, BUTANEDIOATE (1:1)
UPDT:8312 CAS: 65009-31-6 MW: 422.59 MOLFM: C17-H28-N4-O .C4-H6-O4

SYN: 1-BUTYL-1-(2,6-DIETHYLPHENYL)-3-METHYLAMIDINO-UREA SUCCINATE * N-BUTYL-N-(2,6-DIETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)UREA BUTANEDIOATE (1:1) * UREA, 1-BUTYL-1-(2,6-DIETHYLPHENYL)-3-METHYLAMIDINO-, SUCCINATE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:250 mg/kg	ARZNAD 28,1435,78

UREA, 1-BUTYL-1-(2,6-DIETHYLPHENYL)-3-METHYLAMIDINO-, SUCCINATE see: YS3811000

YS3825000 UREA, 1-BUTYL-3,3-DIMETHYL-1-NITROSO-

UPDT:8401 CAS: 56654-53-6 MW: 173.25 MOLFM: C7-H15-N3-O2

SYN: 1-BUTYL-3,3-DIMETHYL-1-NITROSOUREA

TUMORIGENIC DATA AND REFERENCES:

3V03P61T69	orl-rat TDLo:3140 mg/kg/45W-C	JNCIAM 56,1177,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS3825100 UREA, N-BUTYL-N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, BUTANEDIOATE (1:1)

UPDT:8312 CAS: 68657-08-9 MW: 394.53 MOLFM: C15-H24-N4-O .C4-H6-O4

SYN: 1-(N-BUTYL-1-(2,6-DIMETHYLPHENYL)CARBAMOYL)-3-METHYLGUANIDINE ACID SUCCINATE * N-BUTYL-N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)UREA BUTANEDIOATE (1:1) * 1-BUTYL-3-METHYLAMIDINO-1-(2,6-XYLYL)-UREA SUCCINATE * UREA, 1-BUTYL-3-METHYLAMIDINO-1-(2,6-XYLYL)-, SUCCINATE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:300 mg/kg	ARZNAD 28,1435,78

YS3828000 UREA, 1-BUTYL-3-(2-FUROYL)-

UPDT:8306 MW: 196.25 MOLFM: C10-H14-N-O3

SYN: BR 2 * N-BUTYL-N'-(2-FUROYL)- * N-FUROYL-N'-n-BUTYLHARNSTOFF (German)

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:730 mg/kg	ARZNAD 10,686,60
	ipr-mus LD50:230 mg/kg	ARZNAD 10,686,60

YS3829000 UREA, N-BUTYL-N'-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)-

UPDT:8403 CAS: 39617-74-8 MW: 323.49 MOLFM: C17-H29-N3-O3

SYN: N-BUTYL-N'-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)UREA

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:42 mg/kg	PHARAT 30,638,75

UREA, 1-BUTYL-3-METHYLAMIDINO-1-(2,6-XYLYL)-, SUCCINATE see: YS3825100

YS3850000 UREA, 1-BUTYL-1-NITROSO-

UPDT:8411 CAS: 869-01-2 MW: 145.19 MOLFM: C5-H11-N3-O2

SYN: BNU * BUTYLNITROSOHARNSTOFF (German) * n-BUTYLNITROSOUREA * N-N-BUTYL-N-NITROSOUREA * 1-BUTYL-1-NITROSOUREA * N-NITROSOBUTYLUREA

MUTATION DATA AND REFERENCES:

	mmo-sat 1 ug/plate	MUREAV 68,1,79
	mmo-esc 10 mmol/L	CBINA8 26,197,79
	dns-esc 10 mmol/L	CBINA8 26,197,79
	otr-rat-orl 100 mg/kg	CNREA8 40,1157,80
	dns-rat:oth 100 mmol/L	SHKKAN 22,300,80
	cyt-rat-orl 250 mg/kg	JJIND8 67,831,81
	sce-rat:bmr 15 mg/L	JJIND8 67,831,81
	mnt-mus-unk 12500 ng/kg	MUREAV 85,284,81
	cyt-mus-unk 12500 ng/kg	MUREAV 85,284,81
	sce-mus-unk 12500 ng/kg	MUREAV 85,284,81
	hma-mus/srm 800 mg/kg	MGGEAE 117,197,72
	hma-mus/sat 25 mg/kg	MGGEAE 117,197,72
	hma-mus/esc 800 mg/kg	MGGEAE 117,197,72
	cyt-ham-unk 240 mg/kg/24H	MUREAV 38,109,76
	cyt-ham:fbr 200 mg/L/48H	MUREAV 48,337,77
	cyt-ham-ipr 240 mg/kg	MUREAV 81,117,81
	cyt-ham:lng 10 mg/L	ARTODN (Suppl 4),41,80
	sce-ham:fbr 500 umol/L	PJACAW 53,46,77
	spm-ham-unk 30 mg/kg	MUREAV 38,109,76
	spm-ham-ipr 60 mg/kg	MUREAV 81,117,81
	dnd-mam:lym 10 mmol/L	CRNGDP 5,621,84

TUMORIGENIC DATA AND REFERENCES:

3V01M61R60	orl-rat TDLo:4867 mg/kg/24W-I	GANNA2 67,33,76
3V03T65A60	orl-rat TDLo:120 mg/kg (22D preg)	ARGEAR 48,9,78
2V03P61	ipr-rat TDLo:300 mg/kg	GMCRDC 12,283,72
3V03T65A60	ipr-rat TDLo:120 mg/kg (22D preg)	ARGEAR 48,9,78
2V03P61	scu-rat TDLo:300 mg/kg	GMCRDC 12,283,72
3V03T65A60	scu-rat TDLo:120 mg/kg (22D preg)	ARGEAR 48,9,78
3V03T65A60	ivn-rat TDLo:120 mg/kg (22D preg)	ARGEAR 48,9,78
2V01P61	orl-mus TDLo:2800 mg/kg/10W-C	GANNA2 68,281,77
2V03R60	skn-mus TDLo:581 mg/kg/50W-I	JCROD7 102,13,81
2V03K61	orl-dog TDLo:960 mg/kg/81W-I	PARPDS 164,216,79
2V03P61	orl-rat TD :2505 mg/kg/24W-C	GANNA2 60,237,69
3V03P61R60	orl-rat TD :3000 mg/kg/20W-I	GANNA2 62,557,71
3V03K60P61	orl-rat TD :200 mg/kg	GANNA2 66,615,75
3V03P61R60	orl-rat TD :300 mg/kg	GMCRDC 12,283,72
2V03P61	orl-mus TD :1800 mg/kg/9W-C	GMCRDC 17,425,75
2V03P62	orl-mus TD :3360 mg/kg/12W-C	GANNA2 61,287,70
3V03T65A60	ivn-rat TD :250 mg/kg (15D preg)	KFIZAO 84,23,75
3V03P61R60	orl-rat TD :2400 mg/kg/17W-I	GANNA2 62,557,71
2V03P61	orl-rat TD :2505 mg/kg/24W-C	25NJAN -,24,70
3V03G60R60	scu-rat TD :450 mg/kg	ANYAA9 381,250,82

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:400 mg/kg	27NZAH 2,73,72
	scu-rat LD50:1200 mg/kg	ZEKBAI 69,103,67

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS3880000 UREA, 1-sec-BUTYL-1-NITROSO-

UPDT:8303 MW: 145.19 MOLFM: C5-H11-N3-O2

SYN: 1-sec-BUTYL-1-NITROSOUREA * NITROSO-sec-BUTYLUREA

MUTATION DATA AND REFERENCES:

	mmo-sat 1 ug/plate	MUREAV 68,1,79

TUMORIGENIC DATA AND REFERENCES:

2V03R60	skn-mus TDLo:585 mg/kg/50W-I	JCROD7 102,13,81

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS4000000 UREA, 3-(4-(2-tert-BUTYL-5-OXO-delta(sup 2)-1,3,4-OXADIAZOLIN-4-YL)-3-CHLOROPHENYL)- 1,1-DIMETHYL-

UPDT:8309 CAS: 34205-21-5 MW: 338.83 MOLFM: C15-H19-Cl-N4-O3

SYN: DIMEFURON * LEGURAME TS * PRADONE PLUS * RP 23465 * VT 2809

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1000 mg/kg	FMCHA2 -,C80,83
*	orl-mus LD50:10000 mg/kg	FMCHA2 -,C80,83

YS4140000 UREA, BUTYL- and SODIUM NITRITE (2:1)

UPDT:8305

SYN: 1-BUTYLUREA and SODIUM NITRITE (2:1) * SODIUM NITRITE and 1-BUTYLUREA (1:2)

TUMORIGENIC DATA AND REFERENCES:

3V01J60P61	orl-rat TDLo:126 gm/kg/33W-C	IJCNAW 23,253,79
3V03T65A60	orl-rat TDLo:1350 mg/kg (13-21D preg)	GANNA2 68,81,77
3V01J60P62	orl-mus TDLo:380 gm/kg/42W-C	IJCNAW 23,253,79
3V01J60P61	orl-rat TD :170 gm/kg/37W-C	IJCNAW 23,253,79
2V02A60	orl-rat TD :27500 mg/kg/50D-C	ZAPPAN 121,61,77
3V01J60P62	orl-mus TD :421 gm/kg/46W-C	IJCNAW 23,253,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS4200000 UREA, 1-BUTYL-3-SULFANILYL-

UPDT:8408 CAS: 339-43-5 MW: 271.37 MOLFM: C11-H17-N3-O3-S

SYN: ALENTIN * N-(4-AMINOBENZENESULFONYL)-N'-BUTYLUREA * 4-AMINO-N-((BUTYLAMINO)CARBONYL)BENZENESULFONAMIDE * AMINOPHENUROBUTANE * BUCARBAN * BUCROL * BUKARBAN * BURCOL * BUTISULFINA * N'-(BUTYLCARBAMOYL)SULFANILAMIDE * N(sup 1)-(BUTYLCARBAMOYL)SULFANILAMIDE * N-BUTYLSULFANILYLUREA * 1-BUTYL-3-SULFANILYLUREA * BZ 55 * CARBUTAMIDE * CARBUTAMID * CICLORAL * DIABORAL * EMEDAN * GLUCIDORAL * GLUCOFREN * GLYBUTAMIDE * INBUTON * INVENOL * NADISAN * NADIZAN * NORBORAL * ORANIL * ORANYL * ORASULIN * N(sup 1)-SULFANILYL-N(sup 2)-BUTYLCARBAMIDE * N(sup 1)-SULFANILYL-N(sup 2)-BUTYLUREA * N-SULFANILYL N BUTYLUREE (French) * U 6987

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	orl-rat TDLo:1056 mg/kg (7-14D preg)	PSDTAP 11,151,70
2T35T59	orl-rat TDLo:1 gm/kg (10D preg)	FATOAO 28,616,65
3T42T43T55	orl-rat TDLo:5 gm/kg (9-10D preg)	ANENAG 19,167,58
1T34	orl-rat TDLo:3200 mg/kg (7-14D preg)	PSDTAP 11,151,70
1T42	orl-rat TDLo:12 gm/kg (1-12D preg)	BANMAC 143,238,59
2T41T42	unk-rat TDLo:3 gm/kg (9D preg)	AKGIAO 42(12),35,66
2T43T46	unk-rat TDLo:3 gm/kg (13D preg)	AKGIAO 42(12),35,66
1T35	unk-rat TDLo:1 gm/kg (1D preg)	AKGIAO 42(12),35,66
3T41T42T43	unk-mus TDLo:4400 mg/kg (5-15D preg)	BSVMA8 71,289,69
2T45T46	unk-mus TDLo:4400 mg/kg (5-15D preg)	BSVMA8 71,289,69
1T25	unk-mus TDLo:8800 mg/kg (5-15D preg)	BSVMA8 71,289,69

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:250 mg/kg	NTIS** AD691-490
*	scu-mus LD50:3 gm/kg	USXXAM #2907692

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CLPTAT 5,480,64; ARVPAX 5,447,65; ADVPA3 4,263,66; LANCAO 2,408,63

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS4250000 UREA, 1-(5-(t-BUTYL)-1,3,4-THIADIAZOL-2-YL)-1,3-DIMETHYL-

UPDT:8309 CAS: 34014-18-1 MW: 228.35 MOLFM: C9-H16-N4-O-S

SYN: BRULAN * 1-(5-tert-BUTYL-1,3,4-THIADIAZOL-2YL)-3-DIMETHYLHARNSTOFF (German) * 1-(5-tert-BUTYL-1,3,4-THIADIAZOL-2-YL)-1,3-DIMETHYLUREA * N-(5-(1,1-DIMETHYLAETHYL)-1,3,4-THIADIAZOL-2-YL)-N,N'-DIMETHYLHARNSTOFF (German) * E-103 * EI-103 * EL-103 * GRASLAN * PERFMID * PREFLAN * PREFMID * SPIKE * TEBULAN * TEBUTHIURON * TIUROLAN

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:644 mg/kg	FMCHA2 -,C229,83
	orl-mus LD50:579 mg/kg	85DPAN -,-,71/76
	orl-rbt LD50:286 mg/kg	85DPAN -,-,71/76

YS4550000 UREA, 1-BUTYL-3-(p-TOLYLSULFONYL)-

UPDT:8412 CAS: 64-77-7 MW: 270.38 MOLFM: C12-H18-N2-O3-S

SYN: AGLICID * ARKOZAL * ARTOSIN * ARTOZIN * BUTAMID * 1-BUTYL-3-(p-METHYLPHENYLSULFONYL)UREA * BENZENESULFONAMIDE, N-((BUTYLAMINO)CARBONYL)-4-METHYL- * N-BUTYL-N'-p-TOLUENESULFONYLUREA * N-BUTYL-N'-TOLUENE-p-SULFONYLUREA * 1-BUTYL-3-(p-TOLYLSULFONYL)UREA * N-n-BUTYL-N'-TOSYLUREA * 1-BUTYL-3-TOSYLUREA * BZ 55 * D 860 * DIABEN * DIABETAMID * DIABETOL * DIABUTON * DOLIPOL * DRABET * HLS 831 * IPOGLICONE * MOBENOL * NCI-C01763 * ORABET * ORALIN * OREZAN * ORINASE * ORINAZ * OTERBEN * RASTINON * N-(SULFONYL-p-METHYLBENZENE)-N'-n-BUTYLUREA * TOLBUSAL * TOLBUTAMID * TOLBUTAMIDE * 1-p-TOLUENESULFONYL-3-BUTYLUREA * TOLUINA * TOLUMID * TOLUVAN * N-(p-TOLYLSULFONYL)-N'-BUTYLCARBAMIDE * TOLYLSULFONYLBUTYLUREA * 3-(p-TOLYL-4-SULFONYL)-1-BUTYLUREA * WILLBUTAMIDE * SK-TOLBUTAMIDE

MUTATION DATA AND REFERENCES:

	sce-mus-orl 28600 ug/kg	MUREAV 77,349,80
	sce-mus-orl 28600 ug/kg	MUREAV 77,349,80
	mnt-mus-unk 2860 mg/kg	MUREAV 77,349,80
	sce-ham-ipr 28600 ug/kg	MUREAV 77,349,80
	sce-ham-orl 28600 ug/kg	MUREAV 77,349,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T47T77	orl-wmn TDLo:2 mg/kg (1-13W preg)	CMAJAX 87,193,62
2T53T77	orl-wmn TDLo:2600 mg/kg (1-37W preg)	JOPDAB 77,457,70
1T71	unk-wmn TDLo:1800 mg/kg (26-39W preg)	BMJOAE 2,187,64
1T35	orl-rat TDLo:3 gm/kg (10D preg)	PROEAS 14,89,68
2T27T35	orl-rat TDLo:12 gm/kg (1-12D preg)	COREAF 247,1134,58
1T46	orl-rat TDLo:8400 mg/kg (3D male/3D pre-22D preg)	TXAPA9 7,409,65
1T83	ipr-rat TDLo:1650 mg/kg (1-22D preg)	METAAJ 22,1389,73
1T42	scu-rat TDLo:5400 mg/kg (9-14D preg)	SEIJBO 17,31,77
1T46	orl-mus TDLo:1700 mg/kg (1-17D preg)	SEIJBO 5,96,65
1T25	ipr-mus TDLo:400 mg/kg (13D preg)	ANREAK 178,308,74
3T25T47T35	orl-rbt TDLo:1800 mg/kg (8-16D preg)	TXAPA9 10,244,67

TUMORIGENIC DATA AND REFERENCES:

2V03J60	ipr-mus TDLo:9600 mg/kg/8W-I	CNREA8 33,3069,73

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2490 mg/kg	PMDCAY 1,187,61
*	ipr-rat LD50:860 mg/kg	FRPSAX 12,268,57
*	ivn-rat LD50:700 mg/kg	PMDCAY 1,187,61
*	orl-mus LD50:2400 mg/kg	YKKZAJ 82,191,62
1N22	ipr-mus LD50:700 mg/kg	PCJOAU 14,107,80
	scu-mus LD50:980 mg/kg	NATUAS 193,891,62
*	ivn-mus LD50:770 mg/kg	PMDCAY 1,187,61

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: KDYIA5 10,82,76; INTEAG 15(1),7,74; ARVPAX 5,447,65; ADVPA3 4,263,66; LANCAO 2,1424,60

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-31,77)

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS4552500 UREA, 1-BUTYL-3-(p-TOLYLTHIO)-

UPDT:8408 MW: 238.38 MOLFM: C12-H18-N2-O-S

SYN: 1-BUTYL-3-(p-TOLYLTHIO)UREA

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:3030 mg/kg	YKKZAJ 82,191,62

YS4570000 UREA, 1-(CARBOXYMETHYL)-1-NITROSO-

UPDT:8405 MW: 147.11 MOLFM: C3-H5-N3-O4

SYN: CARBOXYMETHYLNITROSOUREA * CMNU

MUTATION DATA AND REFERENCES:

	mmo-esc 5 mmol/L	GANNA2 70,705,79

TUMORIGENIC DATA AND REFERENCES:

3V01K60R60	orl-rat TDLo:6720 mg/kg/64W-C	JCROD7 106,12,83
3V01K60R60	orl-rat TD :12390 mg/kg/59W-C	JCROD7 106,12,83
3V02K60N62	orl-rat TD :4 gm/kg/74W-I	JJIND8 62,1523,79

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:210 mg/kg	JJIND8 62,1523,79

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS4725200 UREA, 1-((p-(2-(CHLORO-o-ANISAMIDO)ETHYL)PHENYL)SULFONYL)-3-CYCLOHEXYL-
UPDT:8406 CAS: 10238-21-8 MW: 494.05 MOLFM: C23-H28-Cl-N3-O5-S
SYN: 1-((p-(2-(CHLORO-o-ANISAMIDO)ETHYL)PHENYL)SULFONYL)-3-CYCLOHEXYL UREA * 5-CHLORO-N-(2-(4-((((CYCLOHEXYLAMINO)CARBONYL)AMINO)SULFONYL)PHENYL)ETHYL)-2-METHOXYBENZAMIDE * N-(4-(2-(5-CHLORO-2-METHOXYBENZAMIDO)ETHYL)PHENYLSULFONYL)-N'-CYCLOHEXYLUREA * DAONIL * DIABETA * EUGLUCAN * EUGLUCON * EUGLUCON 5 * EUGLYKON * GILEMAL * GLIBENCLAMIDE * GLYBENZCYCLAMIDE * GLYBURIDE * HB 419 * HD 419 * MANINIL * MICRONASE * U 26452 * UR 606
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 orl-rat TDLo:20 mg/kg (6-15D preg) OYYAA2 4,271,70
1T75 ipr-rat TDLo:4 mg/kg (5-9D preg) ARZNAD 21,846,71
1T35 scu-rat TDLo:1800 mg/kg (9-14D preg) SEIJBO 17,31,77
1T42 scu-rat TDLo:180 mg/kg (9-14D preg) SEIJBO 17,31,77
TOXICITY DATA AND REFERENCES:
orl-mus LD50:20 gm/kg OYYAA2 4,247,70
ipr-mus LD50:5900 mg/kg OYYAA2 4,247,70
scu-mus LD50:20 gm/kg OYYAA2 4,247,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS4726500 UREA, N-(m-CHLOROBENZYL)-N'-ETHYL-
UPDT:8406 MW: 212.70 MOLFM: C10-H13-Cl-N2-O
SYN: N-3'-CHLOROBENZYL-N'-ETHYLUREA * ITA 312 * LOZILUREA
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:418 mg/kg ARZNAD 33,1655,83
* orl-mus LD50:3000 mg/kg ARZNAD 33,1655,82
* ipr-mus LD50:328 mg/kg ARZNAD 33,1655,83

YS4727000 UREA, 1-(3-CHLORO-4-(CHLORODIFLUOROMETHYLTHIO)PHENYL)-3,3-DIMETHYL-
UPDT:8309 CAS: 33439-45-1 MW: 315.18 MOLFM: C10-H10-Cl2-F2-N2-O-S
SYN: (3-CHLORO-4-CHLORODIFLUOROMETHYLTHIOPHENYL)-1,1-DIMETHYLUREA * CLEARCIDE * FLUOTHIURON * KUE 2079A * THIOCHLORMETHYL
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:336 mg/kg FMCHA2 -,C57,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS4728000 UREA, N-(4-CHLORO-3-CYANOPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-50-8 MW: 288.16 MOLFM: C10-H10-Cl-N5-O .Cl-H
SYN: N-(4-CHLORO-3-CYANOPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE * UREA, 1-(4-CHLORO-3-CYANOPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:250 mg/kg ARZNAD 28,1435,78

UREA, 1-(4-CHLORO-3-CYANOPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE see: YS4728000

YS4740200 UREA, N-(5-CHLORO-2,4-DIMETHOXYPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-59-7 MW: 323.21 MOLFM: C11-H15-Cl-N4-O3 .Cl-H
SYN: N-(5-CHLORO-2,4-DIMETHOXYPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE * UREA, 1-(5-CHLORO-2,4-DIMETHOXYPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:450 mg/kg ARZNAD 28,1435,78

UREA, 1-(5-CHLORO-2,4-DIMETHOXYPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE see: YS4740200

YS4740270 UREA, 1-(2-CHLORO-3,3-DIPHENYLBUTYRYL)-
UPDT:8406 MW: 316.81 MOLFM: C17-H17-Cl-N2-O2
SYN: (2-CHLORO-3,3-DIPHENYLBUTYRYL)UREA * 1-(2-CHLORO-3,3-DIPHENYLBUTYRYL)UREA * L-20826
TOXICITY DATA AND REFERENCES:
2F02F07 orl-rat LD50:106 mg/kg AIPTAK 121,443,59
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA, 1-(2-CHLOROETHYL)AMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE see: YS4740400

YS4740400 UREA, N-(((2-CHLOROETHYL)AMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-83-7 MW: 305.24 MOLFM: C12-H17-Cl-N4-O .Cl-H
SYN: 1-(2-CHLOROETHYL)AMIDINO-3-(2,6-XYLYL)-UREA HYDROCHLORIDE * N-(((2-CHLOROETHYL)AMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE * UREA, 1-(2-CHLOROETHYL)AMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:175 mg/kg ARZNAD 28,1435,78

YS4900000 UREA, 1-(2-CHLOROETHYL)-3-CYCLOHEXYL-1-NITROSO-
UPDT:8412 CAS: 13010-47-4 MW: 233.73 MOLFM: C9-H16-Cl-N3-O2
SYN: BELUSTINE * CCNU * CECENU * CEENU * N-(2-CHLOROETHYL)-N'-CYCLOHEXYL-N-NITROSOUREA * 1-(2-CHLOROETHYL)-3-CYCLOHEXYL-1-NITROSOUREA * ((CHLORO-2-ETHYL)-1-CYCLOHEXYL-3-NITROSOUREA * (CLORO-2-ETIL)-1-CICLOESIL-3-NITROSOUREA (Italian) * LOMUSTINE * NCI-C04740 * 1-NITROSOUREA, 1-(2-CHLOROETHYL)-3-CYCLOHEXYL- * NSC-79037 * RB 1509
MUTATION DATA AND REFERENCES:
mmo-sat 100 ug/plate JNCIAM 60,1495,78
mma-sat 100 nmol/plate JJIND8 65,149,80
dns-sat 5 ug ECEBDI 50,271,82
mmo-esc 3 nmol/L APTOA6 53,421,83
dnr-esc 2 mmol/L ZKKOBW 92,177,78
dnd-esc 1 mmol/L GANNA2 71,674,80
dnd-hmn:emb 100 umol/L CNREA8 44,1352,84
dnd-hmn:hla 30 umol/L CNREA8 38,3371,78
dns-hmn:lym 10 mg/L FRPSAX 36,947,81
oms-hmn:hla 10 mg/L BBACAQ 349,389,74
dni-hmn:leu 1 umol/L BBACAQ 425,463,76
dni-hmn:lym 10 mg/L FRPSAX 36,947,81
dnd-rat:oth 5 mg/L RAREAE 76,441,78
dns-rat-ivn 10 mg/kg MUREAV 68,275,79
hma-rat/oth 30 mg/kg PAACA3 17,164,76
dnd-mus-ipr 50 mg/kg PAACA3 24,250,83
dnd-mus-ivn 48 mg/kg CNREA8 37,2262,77
dnd-mus:bmr 100 umol/L CNREA8 42,2605,82
dnd-mus:leu 100 umol/L CNREA8 42,2605,82
dnd-mus-unk 50 umol/L/5H PAACA3 17,164,76
dnd-mus/leu 100 umol/L ANBCA2 83,678,77
dns-mus-ipr 57 mg/kg CNREA8 34,1957,74
oms-mus:leu 1 pmol ANBCA2 83,678,77
dni-mus-ipr 57 mg/kg CNREA8 34,1957,74
dni-mus:oth 100 mg/L ONCODU 19,183,80
oms-mus/oth 10 mg/kg CNREA8 40,939,80
dni-mus:leu 25 umol/L 45ZJA3 -,95,81
spm-mus-ipr 40 mg/kg CNREA8 42,122,82
dnd-ham:lng 5500 umol/L CNREA8 38,3379,78
sce-ham:ovr 20 mg/L CNREA8 43,577,83
msc-ham:lng 10 umol/L CNREA8 40,2719,80
msc-ham:ovr 4 mg/L CNREA8 35,460,75
dnd-mam:lym 10 mmol/L CNREA8 44,1887,84
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T41T42 ipr-rat TDLo:16 mg/kg (6-9D preg) TXAPA9 34,456,75
3T45T47T53 ipr-rat TDLo:16 mg/kg (6-9D preg) TXAPA9 34,456,75
2T25T26 ipr-rat TDLo:22500 ug/kg (9W male) TXAPA9 34,456,75
2T34T46 ipr-rat TDLo:8 mg/kg (9-12D preg) TXAPA9 34,456,75
1T01 ipr-mus TDLo:9 mg/kg (1D male) CNREA8 42,122,82
3T34T73T27 ivn-rbt TDLo:39 mg/kg (6-18D preg) TXAPA9 34,456,75
TUMORIGENIC DATA AND REFERENCES:
3V03J60R60 ipr-rat TDLo:60 mg/kg/7W-I CANCAR 40(Suppl 4),1935,77
2V03K60 ivn-rat TDLo:64 mg/kg/60W-I DTESD7 8,273,80
3V03R21R60 skn-mus TDLo:276 mg/kg/23W-I EXPEAM 36,1211,80
3V03P61P62 ipr-mus TDLo:98 mg/kg/26W-I CANCAR 40(Suppl 4),1935,77
3V03J60K60 ivn-rat TD :127 mg/kg/60W-I DTESD7 8,273,80
2V03J60 ivn-rat TD :178 mg/kg/42W-I DTESD7 8,273,80
TOXICITY DATA AND REFERENCES:
2F14K13 orl-hmn TDLo:30 mg/kg CCYPBY 3,33,72
3K13P14P17 orl-hmn TDLo:3 mg/kg CTRRDO 60,709,76
orl-rat LD50:70 mg/kg TXAPA9 21,405,72
orl-mus LD50:38 mg/kg TXAPA9 21,405,72
ipr-mus LD50:53 mg/kg TXAPA9 21,405,72
scu-mus LD50:54 mg/kg TXAPA9 21,405,72
1V30 ivn-mus LD10:40 mg/kg ANBCB3 23,64,78
ipr-mus LD10:50 mg/kg JMCMAR 9,892,66
* unk-mus LD50:78 mg/kg BJCAAI 42,171,80
* orl-dog LDLo:10 mg/kg ACRSAJ 16,273,72
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 26,137,81
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED IARC** 26,137,81
STATUS:
★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS INDEFINITE:MOUSE (CANCAR 40(Suppl 4),1935,77)
★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS NEGATIVE:RAT (CANCAR 40(Suppl 4),1935,77)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS4903000 UREA, 1-(2-CHLOROETHYL)-3-CYCLOHEXYL-3-NITROSO-
UPDT:8311 MW: 234.74 MOLFM: C9-H17-Cl-N3-O2
SYN: 1-(2-CHLOROETHYL)-3-CYCLOHEXYL-3-NITROSOUREA * (CHLORO-2 ETHYL)-1 CYCLOHEXYL-3 NITROSO-3 UREE (French) * ICIG 1776
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:300 mg/kg EJMCA5 16,539,81

YS4904000 UREA, 1-(2-CHLOROETHYL)-3-CYCLOPENTYL-1-NITROSO-
UPDT:8306 CAS: 13909-03-0 MW: 21[illegible].70 MOLFM: C8-H14-Cl-N3-O2
SYN: 1-(2-CHLOROETHYL)-3-CYCLOPENTYL-1-NITROSOUREA
TOXICITY DATA AND REFERENCES:
ipr-mus LD10:100 mg/kg JMCMAR 9,892,66

YS4904400 UREA, 3-(2-CHLOROETHYL)-1-(2-DEOXY-1-(1,6-DIHYDRO-2-(((DIMETHYLAMINO)METHYLENE)AMINO)-6-OXO- 9H-PURIN-9-YL)-beta-D-RIBOFURANOS-2-YL)-3-NITROSO-
UPDT:8306 MW: 457.89 MOLFM: C15-H20-Cl-N9-O6
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:500 mg/kg CPBTAL 27,765,79

YS4904500 UREA, 3-(2-CHLOROETHYL)-1-(2-DEOXY-1-(1,6-DIHYDRO-2-HYDROXY-6-OXO-9H-PURIN-9-YL)-beta-D- RIBOFURANOS-2-YL)-3-NITROSO-
UPDT:8306 MW: 439.23 MOLFM: C12-H14-Cl2-N7-O7
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:68 mg/kg CPBTAL 27,765,79

YS4906100 UREA, 1-(2-CHLOROETHYL)-3,3-DIETHYL-1-NITROSO-
UPDT:8404 MW: 207.69 MOLFM: C7-H14-Cl-N3-O2
SYN: NITROSOCHLOROETHYLDIETHYLUREA * 1-NITROSO-1-(2-CHLOROETHYL)-3,3-DIETHYLUREA
TUMORIGENIC DATA AND REFERENCES:
3V03J60K60 orl-rat TDLo:176 mg/kg/46W-I JCROD7 94,131,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS4906700 UREA, 1-(2-CHLOROETHYL)-3-(2,5-DIMETHOXYPHENYL)-
UPDT:8311 MW: 258.73 MOLFM: C11-H15-Cl-N2-O3
SYN: 1-(2-CHLOROETHYL)-3-(2,5-DIMETHOXYPHENYL)UREA * 3-(2-CHLOROETHYL)-1-(2,5-DIMETHOXYPHENYL)UREA
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:24 mg/kg CSLNX* NX#08501

YS4906800 UREA, 1-(2-CHLOROETHYL)-3-(2,6-DIMETHOXYPHENYL)-
UPDT:8311 MW: 258.73 MOLFM: C11-H15-Cl-N2-O3
SYN: 1-(2-CHLOROETHYL)-3-(2,6-DIMETHOXYPHENYL)UREA
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg CSLNX* NX#09117

YS4907000 UREA, N-(2-CHLOROETHYL)-N'-(5-(DIMETHYLAMINO)-2,2-BIS(4-FLUOROPHENYL)PENTYL)-N-NITROSO-
UPDT:8311 CAS: 78850-51-8 MW: 452.98 MOLFM: C22-H27-Cl-F2-N4-O2
SYN: N-(2-CHLOROETHYL)-N'-(5-(DIMETHYLAMINO)-2,2-BIS(4-FLUOROPHENYL)PENTYL)-N-NITROSOUREA * LU 16-035
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:128 mg/kg INSSDM 19,113,81

YS4907100 UREA, N-(2-CHLOROETHYL)-N'-(5-(DIMETHYLAMINO)-2,2-DIPHENYLPENTYL)-N-NITROSO-
UPDT:8311 CAS: 78850-54-1 MW: 417.00 MOLFM: C22-H29-Cl-N4-O2
SYN: N-(2-CHLOROETHYL)-N'-(5-(DIMETHYLAMINO)-2,2-DIPHENYLPENTYL)-N-NITROSOUREA * LU 15-132
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:156 mg/kg INSSDM 19,113,81

YS4907300 UREA, N-(2-CHLOROETHYL)-N'-(5-(DIMETHYLAMINO)-4-METHYL-2,2-DIPHENYLPENTYL)-N-NITROSO-
UPDT:8311 CAS: 78850-57-4 MW: 431.03 MOLFM: C23-H31-Cl-N4-O2
SYN: N-(2-CHLOROETHYL)-N'-(5-(DIMETHYLAMINO)-4-METHYL-2,2-DIPHENYLPENTYL)-N-NITROSOUREA * LU 16-022
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:182 mg/kg INSSDM 19,113,81

YS4908000 UREA, 1-(2-CHLOROETHYL)-3,3-DIMETHYL-1-NITROSO-
UPDT:8404 MW: 179.63 MOLFM: C5-H10-Cl-N3-O2
SYN: NITROSOCHLOROETHYLDIMETHYLUREA * 1-NITROSO-1-(2-CHLOROETHYL)-3,3-DIMETHYLUREA
TUMORIGENIC DATA AND REFERENCES:
3V03J60K60 orl-rat TDLo:168 mg/kg/50W-I JCROD7 94,131,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS4915000 UREA, 1-(2-CHLOROETHYL)-3-(2,6-DIOXO-3-PIPERIDYL)-1-NITROSO-
UPDT:8402 CAS: 13909-02-9 MW: 261.67 MOLFM: C8-H10-Cl-N4-O4
SYN: 1-(2-CHLOROETHYL)-3-(2,6-DIOXO-3-PIPERIDYL)-1-NITROSOUREA * NSC-95,466 * PCNU
MUTATION DATA AND REFERENCES:
dnd-mus:leu 200 umol/L PAACA3 24,249,83
dni-mus/oth 16 mg/kg INSSDM 19,85,81

	oms-mus/leu 16 mg/kg	INSSDM 19,85,81

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:35700 ug/kg	NTIS** PB282-250
	ivn-mus LD50:22 mg/kg	NTIS** PB282-250
	ivn-dog LDLo:3 mg/kg	NTIS** PB282-250
	ivn-mky LDLo:10 mg/kg	NTIS** PB282-250

UREA, 1-(2-CHLOROETHYL)-3-(D-GLUCOPYRANOS-2-YL)-1-NITROSO- see: LZ5758000

YS4981000 UREA, 1-(2-CHLOROETHYL)-3-(beta-D-GLUCOPYRANOSYL)-1-NITROSO-

UPDT:8308 CAS: 58484-07-4 MW: 313.73 MOLFM: C9-H16-Cl-N3-O7

SYN: 1-(2-CHLOROETHYL)-3-(beta-D-GLUCOPYRANOSYL)-1-NITROSOUREA * GANU * NSC D 254157

MUTATION DATA AND REFERENCES:

	mrc-smc 1 mmol/L/16H	MUREAV 42,45,77
	dnd-mus:leu 100 umol/L	INSSDM 19,49,81
	dnd-mus:bmr 100 umol/L	INSSDM 19,49,81
	dns-mus:leu 1 umol/L	CNREA8 37,783,77
	dni-mus/leu 10 mg/kg	CNREA8 37,783,77
	dni-mus:leu 10 umol/L	CNREA8 37,783,77

TOXICITY DATA AND REFERENCES:

	ivn-rat LD50:40 mg/kg	GANNA2 68,247,77
	ipr-mus LD50:15 mg/kg	CNREA8 37,783,77
	ipr-mus LDLo:10 mg/kg	CNREA8 37,2615,77
1V30	ivn-mus LD10:10 mg/kg	ANBCB3 23,64,78

YS4983500 UREA, 1-(2-CHLOROETHYL)-3-(trans-4-HYDROXYCYCLOHEXYL)-1-NITROSO-

UPDT:8408 CAS: 56239-24-8 MW: 249.73 MOLFM: C9-H16-Cl-N3-O3

SYN: N-(2-CHLOROETHYL)-N'-(trans-4-HYDROXYCYCLOHEXYL)-N-NITROSOUREA * 1-(2-CHLOROETHYL)-3-(trans-4-HYDROXYCYCLOHEXYL)-1-NITROSOUREA * NSC-239717 * trans-4-OH CCNU

MUTATION DATA AND REFERENCES:

	mmo-sat 100 nmol/plate	JJIND8 65,149,80
	mma-sat 100 nmol/plate	JJIND8 65,149,80
	dnd-hmn:emb 100 umol/L	CNREA8 44,1352,84

TOXICITY DATA AND REFERENCES:

1V30	ivn-mus LD10:12 mg/kg	ANBCB3 23,64,78
	ipl-mus LDLo:35 mg/kg	JMCMAR 18,634,75

YS4986000 UREA, 1-(2-CHLOROETHYL)-3-(2-HYDROXYETHYL)-1-NITROSO-

UPDT:8405 CAS: 60784-46-5 MW: 195.63 MOLFM: C5-H10-Cl-N3-O3

SYN: 1-(2-CHLOROETHYL)-3-(2-HYDROXYETHYL)-1-NITROSOUREA * CNU-ETHANOL * HECNU * 1-(2-HYDROXYETHYL)-3-(2-CHLOROETHYL)-3-NITROSOUREA * HYDROXYETHYL CNU * NSC-294895

MUTATION DATA AND REFERENCES:

	sln-dmg-orl 5 mmol/L	DRISAA 52,20,77
	sln-dmg-par 5 mmol/L	DRISAA 52,20,77
	mrc-smc 1 mmol/L/16H	MUREAV 42,45,77
	dnd-rat-ipr 100 umol/kg	CNREA8 44,514,84
	cyt-mus:lng 1 mg/L/1H	MUREAV 44,87,77

TUMORIGENIC DATA AND REFERENCES:

2V03K60	ivn-rat TDLo:16 mg/kg/60W-I	DTESD7 8,273,80
3V03A60K60	ivn-rat TD :32 mg/kg/60W-I	DTESD7 8,273,80
3V03J60K60	ivn-rat TD :64 mg/kg/60W-I	DTESD7 8,273,80
3V03J60K60	ivn-rat TD :96 mg/kg/60W-I	DTESD7 8,273,80

TOXICITY DATA AND REFERENCES:

3J16K06P26	ipr-rat LD50:25300 ug/kg	ONCOBS 37,177,80
1V30	ipr-mus LD50:25 mg/kg	INSSDM 19,123,81

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS4986100 UREA, 1-(2-CHLOROETHYL)-3-(2-HYDROXYETHYL)-1-NITROSO-, METHANESULFONATE

UPDT:8306 MW: 291.74 MOLFM: C5-H10-Cl-N3-O3 .C-H4-O3-S

SYN: HECNU-MS * HYDROXYETHYL-CNU-METHANESULFONATE * HYDROXYETHYL CNU METHANESULPHONATE

TUMORIGENIC DATA AND REFERENCES:

2V03K60	ivn-rat TDLo:16 mg/kg/60W-I	DTESD7 8,273,80
2V03J60	ivn-rat TD :32 mg/kg/60W-I	DTESD7 8,273,80
2V03K60	ivn-rat TD :51 mg/kg/24W-I	DTESD7 8,273,80
2V03K60	ivn-rat TD :64 mg/kg/60W-I	DTESD7 8,273,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA, N-(2-CHLOROETHYL)-N'-(4-METHYLCYCLOHEXYL)-N-NITROSO- see: YS5000000

YS5000000 UREA, 1-(2-CHLOROETHYL)-3-(4-METHYLCYCLOHEXYL)-1-NITROSO-, (E)-

UPDT:8412 CAS: 13909-09-6 MW: 247.76 MOLFM: C10-H18-Cl-N3-O2

SYN: 1-(2-CHLOROETHYL)-3-(4-METHYL-CYCLOHEXYL)-1-NITROSOUREA * 1-(2-CHLOROETHYL)-3-(trans-4-METHYL-CYCLOHEXYL)-1-NITROSOUREA * N-(2-CHLOROETHYL)-N'-(trans-4-METHYLCYCLOHEXYL)-N-NITROSOUREA * ME-CCNU * METHYL-CCNU * NCI-C04955 * NSC-95441 * UREA, N-(2-CHLOROETHYL)-N'-(4-METHYLCYCLOHEXYL)-N-NITROSO- * SEMUSTINE

IRRITATION DATA AND REFERENCES:

	skn-rbt 5 mg/24H rns	TXCYAC 14,117,79

MUTATION DATA AND REFERENCES:

	mmo-sat 100 nmol/plate	JJIND8 65,149,80
	mma-sat 100 nmol/plate	JJIND8 65,149,80
	dnd-esc 50 umol/L	MUREAV 89,95,81
	dni-hmn:leu 1 umol/L	BBACAQ 425,463,76
	dnd-mus-ipr 19 mg/kg	CNREA8 38,2448,78
	dns-mus-ipr 4 mg/kg	CNREA8 35,2420,75
	dni-mus-ipr 4 mg/kg	CNREA8 35,2420,75
	dni-mus:oth 10 umol/L	CNREA8 43,5837,83
	dni-ham-ipr 40 mg/kg	CNREA8 34,1957,74
	dnd-mam:lym 2 mmol/L	CNREA8 44,1887,84

TUMORIGENIC DATA AND REFERENCES:

2V01P61	orl-hmn TDLo:22 mg/kg/60W-C	NEJMAG 309,1079,83
3V01J60R60	ipr-rat TDLo:30 mg/kg/7W-I	CANCAR 40(Suppl 4),1935,77
2V03K60	ivn-rat TDLo:32 mg/kg/60W-I	DTESD7 8,273,80
3V01P61P62	ipr-mus TDLo:117 mg/kg/26W-I	CANCAR 40(Suppl 4),1935,77
2V03K60	ivn-rat TD :64 mg/kg/60W-I	DTESD7 8,273,80
3V03A60K60	ivn-rat TD :127 mg/kg/60W-I	DTESD7 8,273,80
3V03J60K60	ivn-rat TD :203 mg/kg/48W-I	DTESD7 8,273,80

TOXICITY DATA AND REFERENCES:

3K13P14P17	orl-hmn TDLo:90 mg/kg	CCYPBY 4,257,73
3K13P14P17	orl-hmn TDLo:6 mg/kg	CTRRDO 60,709,76
2F17F31	orl-mus LD50:49900 ug/kg	NTIS** PB269-473
	ipr-mus LD10:37 mg/kg	CNREA8 34,194,74
	ipr-mus LD10:143 mg/kg	JMCMAR 9,892,66
*	orl-dog LDLo:25 mg/kg	ACRSAJ 16,273,72
	ivn-dog LDLo:14 mg/kg	CTRRDO 60,1559,76
*	orl-mky LDLo:200 mg/kg	ACRSAJ 16,273,72
	ivn-mky LDLo:45 mg/kg	CTRRDO 60,1559,76

STATUS:

★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS INDEFINITE:RAT (CANCAR 40(Suppl 4),1935,77)

★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS NEGATIVE:MOUSE (CANCAR 40(Suppl 4),1935,77)

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS5014000 UREA, 1-(2-CHLOROETHYL)-1-(2-METHYL-1,1,3,3-TETRAOXO-m-DITHIAN-5-YL)-3-NITROSO-, (E)-

UPDT:8310 CAS: 69226-03-5 MW: 347.82 MOLFM: C8-H14-Cl-N3-O6-S2

SYN: trans-1-(2-CHLOROETHYL)-1-(2-METHYL-1,1,3,3-TETRAOXO-m-DITHIAN-5-YL)-3-NITROSOUREA

TOXICITY DATA AND REFERENCES:

	ipr-mus LD10:51 mg/kg	JMCMAR 20,279,77

YS5014250 UREA, 1-(2-CHLOROETHYL)-3-(10-METHYLTHIO-9-OXO-1,2,3-TRIMETHOXY-5,6,7,9-TETRAHYDROBENZO(a) HEPTALEN-7-YL)-

UPDT:8408 CAS: 75776-08-8 MW: 479.03 MOLFM: C23-H27-Cl-N2-O5-S

TOXICITY DATA AND REFERENCES:

1V30	ipr-mus LD50:5628 ug/kg	JMCMAR 24,636,81

YS5014450 UREA, 1-(2-CHLOROETHYL)-3-MORPHOLINO-1-NITROSO-

UPDT:8306 CAS: 72122-60-2 MW: 237.70 MOLFM: C7-H14-Cl-N4-O3

SYN: 1-(2-CHLOROETHYL)-3-MORPHOLINO-1-NITROSOUREA * MORPHOLINO-CNU

TUMORIGENIC DATA AND REFERENCES:

3V03J60K60	ivn-rat TDLo:32 mg/kg/60W-I	DTESD7 8,273,80
3V03J60K60	ivn-rat TD :51 mg/kg/24W-I	DTESD7 8,273,80
3V03J60K60	ivn-rat TD :64 mg/kg/60W-I	DTESD7 8,273,80
3V03J60K60	ivn-rat TD :102 mg/kg/24W-I	DTESD7 8,273,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS5015000 UREA, 1-(2-CHLOROETHYL)-1-NITROSO-

UPDT:8408 CAS: 2365-30-2 MW: 151.57 MOLFM: C3-H6-Cl-N3-O2

SYN: N-(2-CHLOROETHYL)-N-NITROSOUREA * 1-(2-CHLOROETHYL)-1-NITROSOUREA * CNU * N-NITROSO-2-CHLOROETHYLUREA * 1-NITROSO-1-(2-CHLOROETHYL)UREA

MUTATION DATA AND REFERENCES:

	mmo-sat 1 ug/plate	MUREAV 68,1,79
	mma-sat 20 nmol/plate	CNREA8 39,1328,79
	dnd-hmn:ovr 50 umol/L	INSSDM 19,33,81
	dnd-hmn:lng 50 umol/L	INSSDM 19,33,81
	dnd-hmn:oth 50 umol/L	INSSDM 19,33,81
	dnd-hmn:oth 50 umol/L	INSSDM 19,33,81
	dnd-hmn:oth 50 umol/L	INSSDM 19,33,81
	dnd-hmn:fbr 50 umol/L	INSSDM 19,33,81
	dnd-mus:leu 10 umol/L	CNREA8 43,175,83
	dnd-ham:lng 13200 umol/L	CNREA8 38,3379,78
	msc-ham:lng 10 umol/L	CNREA8 40,2719,80
	dnd-mam:lym 10 mmol/L	CNREA8 44,1887,84

TOXICITY DATA AND REFERENCES:

	ipr-mus LDLo:4699 ug/kg	CNREA8 37,2615,77
1V30	ivn-mus LD10:4700 ug/kg	ANBCB3 23,64,78
	ipr-mus LD10:8 mg/kg	JMCMAR 9,892,66

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

YS5079000 UREA, 1-(2-CHLOROETHYL)-1-NITROSO-3-RIBOFURANOSYL-, 5'-(p-NITROBENZOATE), 2',3'-CYCLIC ACETAL with ACETONE

UPDT:8311 MW: 472.88 MOLFM: C18-H21-Cl-N4-O9

SYN: (CHLORO-2-ETHYL)-1-(RIBOFURANOSYLISOPROPYLIDENE-2'-3'-PARANITROBENZOATE-5')-3-NITROSOUREA * (CLORO-2-ETIL)-1-(RIBOFURANOSILISOPROPILIDENE-2',3'-PARANITROBENZOATO)-3-NITROSOUREA * I.C.I.G. 1105 * RFCNU

MUTATION DATA AND REFERENCES:

	mmo-sat 200 ug/plate	INSSDM 19,165,81
	dns-hmn:lym 10 mg/L	FRPSAX 36,947,81
	dni-hmn:lym 10 mg/L	FRPSAX 36,947,81
	oms-mus:oth 2 mg/L	INSSDM 19,229,81

TOXICITY DATA AND REFERENCES:

1V30	ipr-mus LD50:90 mg/kg	INSSDM 19,123,81

YS5079500 UREA, 1-(2-CHLOROETHYL)-1-NITROSO-3-RIBOPYRANOSYL-, 2',3',4-TRIACETATE

UPDT:8401 MW: 439.85 MOLFM: C15-H22-Cl-N3-O10

SYN: 1-(2-CHLOROETHYL)-1-NITROSO-3-RIBOPYRANOSYLUREA 2',3',4'-TRIACETATE * (CHLORO-2-ETHYL)-1-(RIBOPYRANOSYLTRIACETATE-2',3',4')-3-NITROSOUREA * (CLORO-2-ETIL)-1-(RIBOPIRANOSILTRIACETATO-2',3',4')-3-NITROSOUREA (Italian) * I.C.I.G. 1163 * RPCNU

MUTATION DATA AND REFERENCES:

	mmo-sat 200 ug/plate	INSSDM 19,165,81
	dns-hmn:lym 10 mg/L	FRPSAX 36,947,81
	dni-hmn:lym 10 mg/L	FRPSAX 36,947,81
	oms-mus:oth 50 mg/L	INSSDM 19,229,81

TOXICITY DATA AND REFERENCES:

1V30	ipr-mus LD50:50 mg/kg	INSSDM 19,123,81

UREA, (3-(CHLOROMERCURI)-2-METHOXYPROPYL) see: OW1050000

UREA, (3-(CHLOROMERCURIO)-2-METHOXYPROPYL)- see: OW1050000

YS5775000 UREA, N'-(3-CHLORO-4-METHOXYPHENYL)-N,N-DIMETHYL-

UPDT:8411 CAS: 19937-59-8 MW: 228.70 MOLFM: C10-H13-Cl-N2-O2

SYN: N'-(3-CHLOR-4-METHOXY-PHENYL)-N,N-DIMETHYLHARNSTOFF (German) * N-(3-CHLORO-4-METHOXYPHENYL)-N',N'-DIMETHYLUREA * DEFTOR * DOSAFLO * DOSAGRAN * DOSANEX * DOSANEX FL * DOSANEX MG * FL * METOXURON * PURIVEL * UREA, 3-(3-CHLORO-4-METHOXYPHENYL)-1,1-DIMETHYL-

MUTATION DATA AND REFERENCES:

	mma-sat 5 ug/plate	MUREAV 58,353,78
	dni-mus-orl 500 mg/kg	MUREAV 58,353,78

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1600 mg/kg	WRPCA2 9,119,70
2N30P30	orl-mus LD50:2542 mg/kg	GISAAA 47(2),13,82
*	orl-rbt LD50:2300 mg/kg	GISAAA 48(2),85,83

UREA, 3-(3-CHLORO-4-METHOXYPHENYL)-1,1-DIMETHYL- see: YS5775000

UREA, 1-(2-CHLORO-6-METHYLPHENYL)-3-(DIMETHYLAMINO)AMIDINO-, HYDROCHLORIDE see: YS5960000

YS5960000 UREA, N-(2-CHLORO-6-METHYLPHENYL)-N'-((DIMETHYLAMINO)IMINOMETHYL)-, MONOHYDROCHLORIDE

UPDT:8312 CAS: 68656-76-8 MW: 291.21 MOLFM: C11-H15-Cl-N4-O .Cl-H

SYN: N-(2-CHLORO-6-METHYLPHENYL)-N'-((DIMETHYLAMINO)IMINOMETHYL)-UREA HYDROCHLORIDE * UREA, 1-(2-CHLORO-6-METHYLPHENYL)-3-(DIMETHYLAMINO)AMIDINO-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:175 mg/kg	ARZNAD 28,1435,78

UREA, 1-(2-CHLORO-6-METHYLPHENYL)-3-ETHYLAMIDINO-, HYDROCHLORIDE see: YS5964000

YS5964000 UREA, N-(2-CHLORO-6-METHYLPHENYL)-N'-((ETHYLAMINO)IMINOMETHYL)-, MONOHYDROCHLORIDE

UPDT:8312 CAS: 65229-64-3 MW: 305.22 MOLFM: C11-H15-N-Cl-N4-O .Cl-H

SYN: N-(2-CHLORO-6-METHYLPHENYL)-N'-((ETHYLAMINO)IMINOMETHYL)-UREA HYDROCHLORIDE * UREA, 1-(2-CHLORO-6-METHYLPHENYL)-3-ETHYLAMIDINO-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:60 mg/kg	ARZNAD 28,1435,78

YS5970000 UREA, N-(2-CHLORO-6-METHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, MONOHYDROCHLORIDE

UPDT:8312 CAS: 65009-48-5 MW: 277.18 MOLFM: C10-H13-Cl-N4-O .Cl-H

SYN: N-(2-CHLORO-6-METHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE * UREA, 1-(2-CHLORO-6-METHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:185 mg/kg	ARZNAD 28,1435,78

BEST COPY

YS5975000 UREA, N-(2-CHLORO-6-METHYLPHENYL)-N'-(IMINO(PROPYLAMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65009-23-6 MW: 305.24 MOLFM: C12-H17-Cl-N4-O Cl-H
SYN: N-(2-CHLORO-6-METHYLPHENYL)-N'-(IMINO(PROPYLAMINO)METHYL)-UREA HYDROCHLORIDE * UREA, 1-(2-CHLORO-6-METHYLPHENYL)-3-PROPYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:60 mg/kg ARZNAD 28,1435,78
UREA, 1-(2-CHLORO-6-METHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE see: YS5970000
UREA, 1-(2-CHLORO-6-METHYLPHENYL)-3-PROPYLAMIDINO-, HYDROCHLORIDE see: YS5975000

YS6110000 UREA, 1-(2-(p-CHLOROPHENOXY)-1,2-DIMETHYLPROPYL)-
UPDT:8402 MW: 256.76 MOLFM: C12-H17-Cl-N2-O2
SYN: 1-CARBAMOIL-3-(4-CLOROFENOSSI)-3-METILISOBUTILAMMINA (Italian) * 1-(2-(p-CHLOROPHENOXY)-1,2-DIMETHYLPROPYL)UREA
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg FRPSAX 38,664,83

YS6120000 UREA, 1-(2-(p-CHLOROPHENOXY)-2-METHYLPROPYL)-
UPDT:8402 MW: 242.73 MOLFM: C11-H15-Cl-N2-O2
SYN: 1-CARBAMOIL-2-(4-CLOROFENOSSI)-2-METILPROPILAMMINA (Italian) * 1-(2-(p-CHLOROPHENOXY)-2-METHYLPROPYL)UREA
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg FRPSAX 38,664,83

YS6125000 UREA, 3-(p-(p-CHLOROPHENOXY)PHENYL)-1,1-DIMETHYL-
UPDT:8309 CAS: 1982-47-4 MW: 290.77 MOLFM: C15-H15-Cl-N2-O2
SYN: C 1983 * 3-(4-(4-CHLOOR-FENOXY)-FENOXY)-FENYL)-1,1-DIMETHYLUREUM (Dutch) * 3-(4-(4-CHLORO-FENOSSIL)-1,1-DIMETIL-UREA (Italian) * N'-4-(4-CHLOROPHENOXY)PHENYL-N,N-DIMETHYLUREA * 3-(p-(p-CHLOROPHENOXY)PHENYL)-1,1-DIMETHYLUREA * 1-(4-(4-CHLORO-PHENOXY)PHENYL)-3,3-D'METHYLUREE (French) * CHLOROXIFENIDIM * CHLOROXURON * 3-(4-(4-CHLOR-PHENOXY)-PHENYL)-1,1-DIMETHYLHARNSTOFF (German) * CIBA 1983 * NOREX * TENORAN
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3700 mg/kg WRPCA2 9,119,70
unk-rat LD50:1000 mg/kg 30ZDA9 -,232,71
orl-dog LD50:10 mg/kg 28ZEAL 4,114,69
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

YS6200000 UREA, 1-(p-CHLOROPHENYL)-3-(2,6-DIFLUOROBENZOYL)-
UPDT:8402 CAS: 35367-38-5 MW: 310.70 MOLFM: C14-H9-Cl-F2-N2-O2
SYN: BENZAMIDE, N-(((4-CHLOROPHENYL)AMINO)CARBONYL)-2,6-DIFLUORO- * N-(((4-CHLOROPHENYL)AMINO)CARBONYL)-2,6-DIFLUOROBENZAMIDE * 1-(4-CHLOROPHENYL)-3-(2,6-DIFLUOROBENZOYL)UREA * DIFLUBENZURON * DIFLURON * DIMILIN * DU 112307 * ENT 29054 * OMS 1804 * PDD 60401 * PH 60-40 * PHILIPS-DUPHAR PH 60-40 * TH 6040 * THOMPSON-HAYWARD TH6040
MUTATION DATA AND REFERENCES:
mmo-sat 1 mg/plate PCBPBS 10,174,79
cyt-mus-unk 500 mg/kg TGANAK 16(1),45,82
TOXICITY DATA AND REFERENCES:
orl-mus LD50:4640 mg/kg SPEADM 74-1,-,74
* unk-mus LD50:4600 mg/kg TGANAK 16(1),45,82
skn-rbt LD50:2000 mg/kg SPEADM 74-1,-,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

YS6300000 UREA, 3-(p-CHLOROPHENYL)-1,1-DIMETHYL-
UPDT:8412 CAS: 150-68-5 MW: 198.67 MOLFM: C9-H11-Cl-N2-O
SYN: 3-(4-CHLOOR-FENYL)-1,1-DIMETHYLUREUM (Dutch) * CHLORFENIDIM * N-(p-CHLOROPHENYL)-N',N'-DIMETHYLUREA * N'-(4-CHLOROPHENYL)-N,N-DIMETHYLUREA * 1-(p-CHLOROPHENYL)-3,3-DIMETHYLUREA * 3-(p-CHLOROPHENYL)-1,1-DIMETHYLUREA * 3-(4-CHLOROPHENYL)-1,1-DIMETHYLUREA * 1-(4-CHLORO PHENYL)-3,3-DIMETHYLUREE (French) * 3-(4-CHLOR-PHENYL)-1,1-DIMETHYL-HARNSTOFF (German) * 3-(4-CLORO-FENIL)-1,1-DIMETIL-UREA (Italian) * CMU * N,N-DIMETHYL-N'-(4-CHLOROPHENYL)UREA * 1,1-DIMETHYL-3-(p-CHLOROPHENYL)UREA * HERBICIDES, MONURON * KARMEX MONURON HERBICIDE * KARMEX W. MONURON HERBICIDE * LIROBETAREX * MONUREX * MONURON * MONUROX * MONURUON * MONUURON * NCI-C02846 * TELVAR * TELVAR MONURON WEEDKILLER * TELVAR W. MONURON WEEDKILLER * USAF P-8 * USAF XR-41
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate MUREAV 58,353,78
dns-hmn:fbr 100 umol/L NTIS** PB268-647
mnt-mus-ipr 1 gm/kg/24H NTIS** PB84-138973
dni-mus-orl 200 mg/kg MUREAV 58,353,78
msc-mus:lym 58 pph NTIS** PB84-138973
otr-ham:emb 5 mg/L CRNGDP 4,291,83
sce-ham:ovr 500 mg/L NTIS** PB84-138973
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T42 orl-mus TDLo:1935 mg/kg (6-15D preg) NTIS** PB223-160
3T24T26T31 scu-mus TDLo:1935 mg/kg (6-14D preg) NTIS** PB223-160
3T34T42T43 scu-mus TDLo:1935 mg/kg (6-14D preg) NTIS** PB223-160
TUMORIGENIC DATA AND REFERENCES:
3V01J60L60 orl-rat TDLo:58 gm/kg/18W-C VOONAW 16(10),51,70
3V01J60L60 orl-mus TDLo:4320 mg/kg/16W-I VOONAW 16(10),51,70
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1480 mg/kg WRPCA2 9,119,70
* unk-rat LD50:3600 mg/kg JPFCD2 B15,929,80
ipr-mus LD50:1000 mg/kg NTIS** AD277-689
orl-gpg LDLo:670 mg/kg PAREAQ 14,225,62
unk-mam LD50:3500 mg/kg 30ZDA9 -,231,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DTTIAF 80(20),485,73
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 12,167,76
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
UREA, 3-(p-CHLOROPHENYL)-1,1-DIMETHYL-, cmpd. with TRICHLOROACETIC ACID (1:1) see: AJ8050000

YS6411000 UREA, 3-(m-CHLOROPHENYL)-1-((4-HYDROXY-4-PHENYLPIPERIDINO)ACETYL)-
UPDT:8312 CAS: 70166-94-8 MW: 387.90 MOLFM: C20-H22-Cl-N3-O3
SYN: 3-(m-CHLOROPHENYL)-1-((4-HYDROXY-4-PHENYLPIPERIDINO)ACETYL)UREA * 1-PIPERIDINEACETAMIDE, N-(((3-CHLOROPHENYL)AMINO)CARBONYL)-4-HYDROXY-4-PHENYL- (9CI)
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:500 mg/kg RCOCB8 23,349,79

YS6412000 UREA, 3-(p-CHLOROPHENYL)-1-((4-HYDROXY-4-PHENYLPIPERIDINO)ACETYL)-
UPDT:8312 CAS: 70166-95-9 MW: 387.90 MOLFM: C20-H22-Cl-N3-O3
SYN: 3-(p-CHLOROPHENYL)-1-((4-HYDROXY-4-PHENYLPIPERIDINO)ACETYL)UREA * 1-PIPERIDINEACETAMIDE, N-(((4-CHLOROPHENYL)AMINO)CARBONYL)-4-HYDROXY-4-PHENYL-
TOXICITY DATA AND REFERENCES:
2F02F29 ipr-mus LD50:500 mg/kg RCOCB8 23,349,79

YS6415000 UREA, 1-((1-(p-CHLOROPHENYL)IMIDAZOL-2-YLTHIO)ACETYL)-3-ETHYL-
UPDT:8312 CAS: 60176-43-4 MW: 338.84 MOLFM: C14-H15-Cl-N4-O2-S
SYN: ACETAMIDE, 2-((1-(4-CHLOROPHENYL)-1H-IMIDAZOL-2-YL)THIO)-N-((ETHYLAMINO)CARBONYL)- * 1-((1-(p-CHLOROPHENYL)IMIDAZOL-2-YLTHIO)ACETYL)-3-ETHYLUREA
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:1000 mg/kg JPMSAE 65,1010,76

YS6416000 UREA, 1-((1-(p-CHLOROPHENYL)IMIDAZOL-2-YLTHIO)ACETYL)-3-METHYL-
UPDT:8312 CAS: 60176-51-4 MW: 324.81 MOLFM: C13-H13-Cl-N4-O2-S
SYN: ACETAMIDE, 2-((1-(4-CHLOROPHENYL)-1H-IMIDAZOL-2-YL)THIO)-N-((METHYLAMINO)CARBONYL)- * 1-((1-(p-CHLOROPHENYL)IMIDAZOL-2-YLTHIO)ACETYL)-3-METHYLUREA
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:750 mg/kg JPMSAE 65,1010,76
UREA, N'-(4-CHLOROPHENYL)-N-METHOXY-N-METHYL- see: YS6425000

YS6425000 UREA, 3-(p-CHLOROPHENYL)-1-METHOXY-1-METHYL-
UPDT:8309 CAS: 1746-81-2 MW: 214.67 MOLFM: C9-H11-Cl-N2-O2
SYN: AFESIN * ARESIN * AREZIN * AREZINE * ARRESIN * 3-(4-CHLORPHENYL)-1-METHOXY-1-METHYLHARNSTOFF (German) * N-(4-CHLOROPHENYL)-N'-METHOXY-N-METHYLUREA * 3-(4-CHLOROPHENYL)-1-METHOXY-1-METHYLUREA * HOE 2747 * MONOLINURON * PREMALIN * UREA, N'-(4-CHLOROPHENYL)-N-METHOXY-N-METHYL-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T26T25T35 orl-mus TDLo:8 gm/kg (6-15D preg) ARTODN 38,261,77
1T59 orl-mus TDLo:8 gm/kg (6-15D preg) ARTODN 38,261,77
2T24T46 orl-mus TDLo:4 gm/kg (10-13D preg) ARTODN 38,261,77
1T43 orl-mus TDLo:1 gm/kg (6-15D preg) ARTODN 38,261,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1800 mg/kg WRPCA2 9,119,70
orl-dog LD50:500 mg/kg 28ZEAL 5,158,76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DTTIAF 80(20),485,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS6475000 UREA, 3-(p-CHLOROPHENYL)-1-METHYL-1-(1-METHYL-2-PROPYNYL)-
UPDT:8309 CAS: 3766-60-7 MW: 236.72 MOLFM: C12-H13-Cl-N2-O
SYN: ARISAN * BUTURON * BUTYRON * N'-(4-CHLOROPHENYL)-N-ISOBUTINYL-N-METHYLUREA * N-(4-CHLORPHENYL)-N'-METHYL-N'-ISOBUTINYLHARNSTOFF (German) * N'-(4-CHLOROPHENYL)-N-METHYL-N-(1-METHYL-2-PROPYNYL)-UREA * 3-(p-CHLOROPHENYL)-1-METHYL-1-(1-METHYL-2-PROPYNYL)UREA * EPTAPUR * H 95 * H 95-1 * HS 95
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T26T24T25 orl-mus TDLo:700 mg/kg (12-13D preg) ARTODN 38,261,77
1T43 orl-mus TDLo:3 gm/kg (6-15D preg) ARTODN 38,261,77
1T46 orl-mus TDLo:3500 mg/kg (6-15D preg) ARTODN 38,261,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1791 mg/kg ARTODN 38,261,77
ipr-mus LD50:500 mg/kg 85DPAN -,-,71/76
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS6480000 UREA, 3-(p-CHLOROPHENYL)-1-METHYL-1-NITROSO-
UPDT:8411 MW: 213.64 MOLFM: C8-H8-Cl-N3-O2
SYN: 1-(p-CHLOROPHENYL)-3-METHYL-3-NITROSOUREA * 3-(p-CHLOROPHENYL)-1-METHYL-1-NITROSOUREA * 1-METHYL-1-NITROSO-3-(p-CHLOROPHENYL)UREA
MUTATION DATA AND REFERENCES:
mmo-sat 66 umol/L CNREA8 39,5147,79
cyt-ham:lng 10 umol/L IAPUDO 31,797,80
sce-ham:lng 10 umol/L IAPUDO 31,685,80
TUMORIGENIC DATA AND REFERENCES:
3V01J60K60 skn-mus TDLo:634 mg/kg/7W-I CNREA8 44,1027,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS6640000 UREA, 1-((o-CHLOROPHENYL)SULFONYL)-3-(4-METHOXY-6-METHYL-s-TRIAZIN-2-YL)-
UPDT:8407 CAS: 64902-72-3 MW: 357.80 MOLFM: C12-H12-Cl-N5-O4-S
SYN: BENZENESULFONAMIDE, 2-CHLORO-N-(((4-METHOXY-6-METHYL-1,3,5-TRIAZIN-2-YL)AMINO)CARBONYL)- * 2-CHLORO-N-((4-METHOXY-6-METHYL-1,3,5-TRIAZIN-2-YL)AMINOCARBONYL)-BENZENESULFONAMIDE * 1-((o-CHLOROPHENYL)SULFONYL)-3-(4-METHOXY-6-METHYL-s-TRIAZIN-2-YL)UREA * CHLORSULFON * DPX 4189 * GLEAN
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:5545 mg/kg JAFCAU 29,416,81
* skn-rbt LD50:3400 mg/kg FMCHA2 -,C116,83

YS6650000 UREA, 1-((p-CHLOROPHENYL)SULFONYL)-3-PROPYL-
UPDT:8412 CAS: 94-20-2 MW: 276.76 MOLFM: C10-H13-Cl-N2-O3-S
SYN: ADIABEN * ASUCROL * BENZENESULFONAMIDE, 4-CHLORO-N-((PROPYLAMINO)CARBONYL)- * CATANIL * N-(p-CHLOROBENZENESULFONYL)-N'-PROPYLUREA * 1-(p-CHLOROBENZENESULFONYL)-3-PROPYLUREA * CHLORODIABINA * CHLORONASE * 1-p-CHLOROPHENYL-3-(PROPYLSULFONYL)UREA * 1-(p-CHLOROPHENYLSULFONYL)-3-PROPYLUREA * CHLOROPROPAMIDE * 4-CHLORO-4-((PROPYLAMINO)CARBONYL)BENZENESULFONAMIDE * CHLORPROPAMID * CHLORPROPAMIDE * CLORPROPAMIDE (Italian) * DIABARIL * DIABECHLOR * DIABENAL * DIABENESE * DIABENEZA * DIABETORAL * DIABET-PAGES * DIABINESE * GLISEMA * MELDIAN * MELITASE * MILLINESE * NCI-C01752 * ORADIAN * P 607 * N-PROPYL-N'-(p-CHLOROBENZENESULFONYL)UREA * 1-PROPYL-3-(p-CHLOROBENZENESULFONYL)UREA * N-PROPYL-N'-p-CHLORPHENYLSULFONYLCARBAMIDE * STABINOL * U-3818
MUTATION DATA AND REFERENCES:
sce-mus-orl 177 mg/kg MUREAV 77,349,80
sce-mus-ipr 177 mg/kg MUREAV 77,349,80
mnt-mus-unk 710 mg/kg MUREAV 77,349,80
dnd-ham:ovr 1 gm/L MUREAV 77,251,80
cyt-ham:fbr 2 gm/L ESKHA5 96,55,78
cyt-ham:lng 2400 mg/L GMCRDC 27,95,81
sce-ham-orl 7100 ug/kg MUREAV 77,349,80
sce-ham:lng 250 mg/L/30H MUREAV 56,215,77
sce-ham-ipr 7100 ug/kg MUREAV 77,349,80
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-wmn TDLo:884 mg/kg (1-35W preg) ADCHAK 49,283,74
1T74 orl-wmn TDLo:840 mg/kg (9-39W preg) ADCHAK 49,283,74
1T71 unk-wmn TDLo:1358 mg/kg (1-26W preg) BMJOAE 2,187,64
1T75 unk-wmn TDLo:180 mg/kg (26-39W preg) BMJOAE 2,187,64
1T71 unk-wmn TDLo:450 mg/kg (26-39W preg) BMJOAE 2,187,64
2T35T59 orl-rat TDLo:1 gm/kg (9D preg) PROEAS 14,89,68
2T27T35 orl-rat TDLo:12 gm/kg (1-12D preg) COREAF 249,1160,59
1T35 scu-rat TDLo:1800 mg/kg (9-14D preg) SEIJBO 17,31,77
1T26 unk-rbt TDLo:45 mg/kg (1-15D preg) DABBBA 32,2975,71
TOXICITY DATA AND REFERENCES:
3F07F17F18 orl-wmn TDLo:300 mg/kg CTOXAO 11,13,77
3P13P14U25 orl-hmn TDLo:300 mg/kg/4W JAMAAP 238,422,77
orl-rat LD50:2390 mg/kg PMDCAY 1,187,61
ipr-rat LD50:580 mg/kg TXAPA9 18,185,71
* ivn-rat LD50:590 mg/kg PMDCAY 1,187,61
* orl-mus LD50:1546 mg/kg AIPTAK 153,379,65
* ivn-mus LD50:500 mg/kg PMDCAY 1,187,61
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: KDYIA5 10,82,76; CLPTAT 5,480,64; ARVPAX 5,447,65; BMJOAE 1,59,63
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-45,78)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS7100000 UREA, 1-(o-CHLOROPHENYL)-2-THIO-
UPDT:8406 CAS: 5344-82-1 MW: 186.67 MOLFM: C7-H7-Cl-N2-S

SYN: 2-CHLOROPHENYL THIOUREA * RCRA WASTE NUMBER P026

TOXICITY DATA AND REFERENCES:

orl-rat LD50:4600 ug/kg JPETAB 90,260,47

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA, 1-(p-CYANOPHENYL)-3-PROPYLAMIDINO-, HYDROCHLORIDE see: YS7561000

YS7561000 UREA, N-(4-CYANOPHENYL)-N'-(IMINO(PROPYLAMINO)METHYL)-, MONOHYDROCHLORIDE

UPDT:8312 CAS: 68656-55-3 MW: 281.78 MOLFM: C12-H15-N5-O .Cl-H

SYN: N-(4-CYANOPHENYL)-N'-(IMINO(PROPYLAMINO)METHYL)-UREA HYDROCHLORIDE * UREA, 1-(p-CYANOPHENYL)-3-PROPYLAMIDINO-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:600 mg/kg ARZNAD 28,1435,78

YS7562000 UREA, 1-CYCLOBUTYL-3-METHYL-3-NITROSO-

UPDT:8303 MW: 143.19 MOLFM: C6-H11-N2-O2

SYN: 1-CYCLOBUTYL-3-METHYL-3-NITROSOUREA * N-METHYL-N'-CYCLOBUTYL-N-NITROSOUREA

MUTATION DATA AND REFERENCES:

mmo-sat 70 nmol/plate MUREAV 93,57,82

YS7564500 UREA, N-CYCLOHEXYL-N'-(4-(3-(CYCLOHEXYLAMINO)-2-HYDROXYPROPOXY)PHENYL)-

UPDT:8403 CAS: 38651-95-5 MW: 389.60 MOLFM: C22-H35-N3-O3

SYN: N-CYCLOHEXYL-N'-(4-(3-(CYCLOHEXYLAMINO)-2-HYDROXYPROPOXY)PHENYL)UREA

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:35 mg/kg PHARAT 30,638,75

YS7570000 UREA, N-CYCLOHEXYL-N'-(4-(3-(CYCLOPENTYLAMINO)-2-HYDROXYPROPOXY)PHENYL)-

UPDT:8403 CAS: 38651-99-9 MW: 375.57 MOLFM: C21-H33-N3-O3

SYN: N-CYCLOHEXYL-N'-(4-(3-(CYCLOPENTYLAMINO)-2-HYDROXYPROPOXY)PHENYL)UREA

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:33 mg/kg PHARAT 30,638,75

YS7575000 UREA, 1-CYCLOHEXYL-3-((p-(2-(3,4-DIHYDRO-7-METHOXY-4,4-DIMETHYL-1,3-DIOXO-2(1H)-ISOQUINOLYL) ETHYL)PHENYL)SULFONYL)-, SODIUM SALT

UPDT:8408 CAS: 33342-06-2 MW: 550.68 MOLFM: C27-H33-N3-O6-S .Na

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:1500 mg/kg USXXAM #3708486

* ivn-mus LD50:300 mg/kg USXXAM #3708486

YS7585000 UREA, N-CYCLOHEXYL-N'-(4-(3-(3,4-DIMETHOXYPHENETHYLAMINO)-2-HYDROXYPROPOXY)PHENYL)-

UPDT:8405 CAS: 76210-80-5 MW: 471.66 MOLFM: C26-H37-N3-O5

SYN: N-CYCLOHEXYL-N'-(4-(3-(3,4-DIMETHOXYPHENETHYLAMINO)-2-HYDROXYPROPOXY)PHENYL)UREA * UREA, N-CYCLOHEXYL-N'-(4-(3-((2-(3,4-DIMETHOXYPHENYL)ETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)-

TOXICITY DATA AND REFERENCES:

* ipr-mus LD50:55 mg/kg PHARAT 38,409,83

UREA, N-CYCLOHEXYL-N'-(4-(3-((2-(3,4-DIMETHOXYPHENYL)ETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)- see: YS7585000

YS7590000 UREA, N-CYCLOHEXYL-N'-(2-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)-

UPDT:8403 CAS: 50903-17-8 MW: 363.56 MOLFM: C20-H33-N3-O3

SYN: N-CYCLOHEXYL-N'-(2-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)UREA

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:71 mg/kg PHARAT 30,638,75

YS7592000 UREA, N-CYCLOHEXYL-N'-(3-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)-

UPDT:8403 MW: 363.56 MOLFM: C20-H33-N3-O3

SYN: N-CYCLOHEXYL-N'-(3-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)UREA

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:22 mg/kg PHARAT 30,638,75

YS7594000 UREA, N-CYCLOHEXYL-N'-(4-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)-

UPDT:8403 CAS: 38649-73-9 MW: 363.56 MOLFM: C20-H33-N3-O3

SYN: N-CYCLOHEXYL-N'-(4-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)UREA

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:30 mg/kg PHARAT 30,638,75

YS7594200 UREA, N-CYCLOHEXYL-N'-(4-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)-, (+-)-

UPDT:8405 CAS: 57460-41-0 MW: 363.56 MOLFM: C20-H33-N3-O3

SYN: CORDANUM * (+-)-N-CYCLOHEXYL-N'-(4-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)UREA * TALINOLOL * (+-)-TALINOLOL

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:30 mg/kg PHARAT 38,409,83

YS7596000 UREA, N'-CYCLOHEXYL-N-(4-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)-N-METHYL-

UPDT:8403 CAS: 57494-90-3 MW: 377.59 MOLFM: C21-H35-N3-O3

SYN: N'-CYCLOHEXYL-N-(4-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)-N-METHYLUREA

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:45 mg/kg PHARAT 30,638,75

YS7608200 UREA, N-CYCLOHEXYL-N'-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)-

UPDT:8403 CAS: 38649-70-6 MW: 349.53 MOLFM: C19-H31-N3-O3

SYN: N-CYCLOHEXYL-N'-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)UREA

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:45 mg/kg PHARAT 30,638,75

YS7608300 UREA, N-CYCLOHEXYL-N'-(4-(2-HYDROXY-3-((1-METHYLPROPYL)AMINO)PROPOXY)PHENYL)-

UPDT:8403 CAS: 38651-96-6 MW: 363.56 MOLFM: C20-H33-N3-O3

SYN: N-CYCLOHEXYL-N'-(4-(2-HYDROXY-3-((1-METHYLPROPYL)AMINO)PROPOXY)PHENYL)UREA

TOXICITY DATA AND REFERENCES:

* ivn-rat LD50:37 mg/kg PHARAT 30,638,75

YS7609600 UREA, 1-CYCLOHEXYL-3-((p-(2-(5-METHYL-3-ISOXAZOLECARBOXAMIDO)ETHYL)PHENYL)SULFONYL)-

UPDT:8303 CAS: 24477-37-0 MW: 434.56 MOLFM: C20-H26-N4-O5-S

SYN: 1-CYCLOHEXYL-3-((p-(2-(5-METHYL-3-ISOXAZOLECARBOXAMIDO)ETHYL)PHENYL)SULFONYL)UREA * DIABENOR * GLISOLAMIDE * N-(4-(beta-(5-METILOSSAZOL-3-CARBOSSAMIDO)-ETIL)-BENZENESOLFONIL)-N(sup 1)-CICLOESIL-UREA * P.M. 434,526

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35 orl-rat TDLo:1500 mg/kg (6-15D preg) BCFAAI 117,348,78

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:320 mg/kg BCFAAI 117,348,78

* scu-rat LD50:900 mg/kg BCFAAI 117,348,78

* ipr-mus LD50:230 mg/kg BCFAAI 117,348,78

* scu-mus LD50:720 mg/kg BCFAAI 117,348,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS7620000 UREA, 1-CYCLOHEXYL-3-METHYL-3-NITROSO-

UPDT:8303 MW: 185.26 MOLFM: C8-H15-N3-O2

SYN: 1-CYCLOHEXYL-3-METHYL-3-NITROSOUREA * N-METHYL-N'-CYCLOHEXYL-N-NITROSOUREA

MUTATION DATA AND REFERENCES:

mmo-sat 45 nmol/plate MUREAV 93,57,82

YS7660000 UREA, 1-CYCLOHEXYL-1-NITROSO-

UPDT:8303 MW: 171.23 MOLFM: C7-H13-N3-O2

SYN: 1-CYCLOHEXYL-1-NITROSOUREA * NITROSOCYCLOHEXYLUREA

MUTATION DATA AND REFERENCES:

mmo-sat 100 ug/plate MUREAV 68,1,79

TUMORIGENIC DATA AND REFERENCES:

2V03R60 skn-mus TDLo:685 mg/kg/50W-I JCROD7 102,13,81

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS7800000 UREA, 1-CYCLOHEXYL-3-(p-TOLYLSULFONYL)-

UPDT:8402 CAS: 664-95-9 MW: 296.42 MOLFM: C14-H20-N2-O3-S

SYN: AGLIRAL * 1-CICLOESIL-3-p-TOLILSOLFONILUREA (Italian) * CYCHLORAL * CYCLAMID * CYCLAMIDE * 1-CYCLOHEXYL-3-p-TOLUENESULFONYLUREA * 1-CYCLOHEXYL-3-p-TOLYLSULFONYLUREA * DIABORAL * GLICOSIL * GLYCYCLAMIDE * K-38 * K 386 * N-(4-METHYLBENZENESULFONYL)-N-CYCLOHEXYLUREA * TOLCYCLAMIDE * TOLCYCLAMIDE K 38 * TOLHEXAMIDE * 1-(p-TOLYLSULFONYL)-3-CYCLOHEXYLUREA

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T35 orl-rat TDLo:800 mg/kg (9D preg) FATOAO 28,616,65

TOXICITY DATA AND REFERENCES:

* ipr-rat LD50:870 mg/kg FRPSAX 12,268,57

ipr-mus LD50:1150 mg/kg RPOBAR 2,280,70

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS7890000 UREA, 3-CYCLOOCTYL-1,1-DIMETHYL- mixed with BUTYNYL-3N-3-CHLOROPHENYLCARBAMATE

UPDT:8309 CAS: 8015-55-2 MW: 422.02 MOLFM: C11-H22-N2-O . C11-H10-Cl-N-O2

SYN: ALIPUR * BUTYNYL-3N-3-CHLOROPHENYLCARBAMATE mixed with 3-CYCLOOCTYL-1,1-DIMETHYL UREA * CHLORBUFAN mixed with CYCEURON * 3-CYCLOOCTYL-1,1-DIMETHYL UREA mixed with BUTYNYL-3N-3-CHLOROPHENYLCARBAMATE * CYCEURON plus CHLORBUFAN

MUTATION DATA AND REFERENCES:

cyt-mus-unk 500 mg/kg TGANAK 14(6),41,80

cyt-mus-orl 500 mg/kg CYGEDX 14(6),38,80

TOXICITY DATA AND REFERENCES:

* orl-rat LD50:4600 mg/kg FMCHA2 -,C10,83

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

YS7892000 UREA, 1-CYCLOPENTYL-3-METHYL-3-NITROSO-

UPDT:8303 MW: 171.23 MOLFM: C7-H13-N3-O2

SYN: 1-CYCLOPENTYL-3-METHYL-3-NITROSOUREA * N-METHYL-N'-CYCLOPENTYL-N-NITROSOUREA

MUTATION DATA AND REFERENCES:

mmo-sat 70 nmol/plate MUREAV 93,57,82

UREA, 1-CYCLOPROPYLAMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE see: YS7893000

YS7893000 UREA, N-((CYCLOPROPYLAMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)-, MONOHYDROCHLORIDE

UPDT:8312 CAS: 66871-52-1 MW: 282.81 MOLFM: C13-H18-N4-O .Cl-H

SYN: 1-CYCLOPROPYLAMIDINO-3-(2,6-DIMETHYLPHENYL)-UREA HYDROCHLORIDE * N-((CYCLOPROPYLAMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE * UREA, 1-CYCLOPROPYLAMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:175 mg/kg ARZNAD 28,1435,78

YS7894000 UREA, 1-CYCLOPROPYL-3-METHYL-3-NITROSO-

UPDT:8303 MW: 143.17 MOLFM: C5-H9-N3-O2

SYN: 1-CYCLOPROPYL-3-METHYL-3-NITROSOUREA * N-METHYL-N'-CYCLOPROPYL-N-NITROSOUREA

MUTATION DATA AND REFERENCES:

mmo-sat 70 nmol/plate MUREAV 93,57,82

YS7896500 UREA, 1-CYCLOPROPYL-1-NITROSO-

UPDT:8412 MW: 115.13 MOLFM: C4-H7-N3-O2

MUTATION DATA AND REFERENCES:

mmo-sat 1 umol/plate CRNGDP 5,635,84

YS7897000 UREA, 1,1-DIALLYL-3-(1,4-BENZODIOXAN-2-YLMETHYL)-3-METHYL-

UPDT:8403 CAS: 13988-24-4 MW: 302.41 MOLFM: C17-H22-N2-O3

SYN: A 2275 * 1,1-DIALLYL-3-(1,4-BENZODIOXAN-2-YLMETHYL)-3-METHYLUREA * 2-(N-(N,N-DIALLYLCARBAMYLMETHYL)AMINOMETHYL-1,4-BENZODIOXAN * UREA, N-((2,3-DIHYDRO-1,4-BENZODIOXIN-2-YL)METHYL)-N-METHYL-N',N'-DI-2-PROPENYL- (9CI)

TOXICITY DATA AND REFERENCES:

3F11F12F13 orl-mus LD50:447 mg/kg JAPMAB 48,409,59

3F11F12F13 ipr-mus LD50:230 mg/kg JAPMAB 48,409,59

3F11F12F13 ivn-mus LD50:55 mg/kg JAPMAB 48,409,59

YS8096000 UREA, N-(2,6-DIBROMOPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, MONOHYDROCHLORIDE

UPDT:8312 CAS: 66871-54-3 MW: 386.51 MOLFM: C9-H10-Br2-N4-O .Cl-H

SYN: N-(2,6-DIBROMOPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE * UREA, 1-(2,6-DIBROMOPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:100 mg/kg ARZNAD 28,1435,78

UREA, 1-(2,6-DIBROMOPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE see: YS8096000

YS8235000 UREA, 1,3-DIBUTYL-3-NITROSO-

UPDT:8405 MW: 201.31 MOLFM: C9-H19-N3-O2

SYN: N,N'-DIBUTYL-N-NITROSOUREA

MUTATION DATA AND REFERENCES:

cyt-ham:fbr 175 mg/L/22H MUREAV 48,337,77

cyt-ham:lng 79 mg/L GMCRDC 27,95,81

UREA, 1-(3',4'-DICHLOROBENZENEDIAZOL)-2-THIO- see: XX9625000

YS8730000 UREA, N-(2,4-DICHLORO-6-METHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, MONOHYDROCHLORIDE

UPDT:8312 CAS: 68656-62-2 MW: 311.62 MOLFM: C10-H12-Cl2-N4-O .Cl-H

SYN: N-(2,4-DICHLORO-6-METHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE * UREA, 1-(2,4-DICHLORO-6-METHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

* orl-mus LD50:450 mg/kg ARZNAD 28,1435,78

UREA, 1-(2,4-DICHLORO-6-METHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE see: YS8730000

YS8925000 UREA, 3-(3,4-DICHLOROPHENYL)-1,1-DIMETHYL-

UPDT:8408 CAS: 330-54-1 MW: 233.11 MOLFM: C9-H10-Cl2-N2-O

SYN: AF 101 * CEKIURON * CRISURON * DAILON * DCMU * DIATER * DICHLORFENIDIM * 3-(3,4-DICHLOROPHENOL)-1,1-DIMETHYLUREA * N'-(3,4-DICHLOROPHENYL)-N,N-DIMETHYLUREA * 3-(3,4-DICHLOROPHENYL)-1,1-DIMETHYLUREA * 1-(3,4-DICHLOROPHENYL)-3,3-DIMETHYLUREE (French) * 3-(3,4-DICHLOR-PHENYL)-1,1-DIMETHYL-HARNSTOFF (German) * 3-(3,4-DICHLOOR-FENYL)-1,1-DIMETHYLUREUM (Dutch) * 3-(3,4-DICLORO-FENYL)-1,1-DIMETIL-UREA (Italian) * 1,1-DIMETHYL-3-(3,4-DICHLOROPHENYL)UREA * DI-ON * DIREX 4L * DIUREX * DIUROL * DIURON * DIURON (DOT) * DIURON 4L * DMU * DREXEL * DREXEL DIURON 4L * DURAN * DYNEX * FARMCO DIURON * HERBATOX * HW 920 * KARMEX * KARMEX DIURON HERBICIDE * KARMEX DW * MARMER * NA 2767 (DOT) * SUP'R FLO * TELVAR * TELVAR DIURON WEED KILLER * UNIDRON * UROX D * USAF P-7 * USAF XR-42 * VONDURON

MUTATION DATA AND REFERENCES:

mma-sat 3 ug/plate MUREAV 58,353,78

dni-mus-orl 1 gm/kg MUREAV 58,353,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34 orl-rat TDLo:5 gm/kg (6-15D preg) BECTA6 22,522,79

1T46 orl-rat TDLo:1250 mg/kg (6-15D preg) BECTA6 22,522,79

3T34T35T42 scu-mus TDLo:1935 mg/kg (6-14D preg) NTIS** PB223-160

TUMORIGENIC DATA AND REFERENCES:

3V03J60P60 orl-mus TDLo:153 gm/kg/78W-I NTIS** PB223-159

TOXICITY DATA AND REFERENCES:
2F01F19 orl-rat LD50:1017 mg/kg JAFCAU 18,1104,70
unk-rat LD50:3400 mg/kg 30ZDA9 -,231,71
ipr-mus LDLo:500 mg/kg NTIS** AD277-689
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CNDQAB 10(3),43,75; DTTIAF 80(20),485,73
★ TLV-TWA 10 mg/m3 DTLVS* 4,162,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172,101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0981-0409
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA, 1-(2,6-DICHLOROPHENYL)-3-ETHYLAMIDINO-, HYDROCHLORIDE see: YS8940000

YS8940000 UREA, N-(2,6-DICHLOROPHENYL)-N'-((ETHYLAMINO)IMINOMETHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-75-7 MW: 311.62 MOLFM: C10-H12-Cl2-N4-O . Cl-H
SYN: N-(2,6-DICHLOROPHENYL)-N'-((ETHYLAMINO)IMINOMETHYL)-UREA HYDROCHLORIDE * UREA, 1-(2,6-DICHLOROPHENYL)-3-ETHYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:60 mg/kg ARZNAD 28,1435,78

YS8980000 UREA, N-(2,6-DICHLOROPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-74-6 MW: 297.59 MOLFM: C9-H10-Cl2-N4-O . Cl-H
SYN: N-(2,6-DICHLOROPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)UREA HYDROCHLORIDE * UREA, 1-(2,6-DICHLOROPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:60 mg/kg ARZNAD 28,1435,78

YS9100000 UREA, 3-(3,4-DICHLOROPHENYL)-1-METHOXY-1-METHYL-
UPDT:8408 CAS: 330-55-2 MW: 249.11 MOLFM: C9-H10-Cl2-N2-O2
SYN: AFALON * AFALON INURON * APHALON * CEPHALON * 3-(3,4-DICHLOOR-FENYL)-1-METHOXY-1-METHYLUREUM (Dutch) * 3-(3,4-DICHLORO-FENIL)-1-METOSSI-1-METIL-UREA (Italian) * 3-(3,4-DICHLOROPHENYL)-1-METHOXYMETHYLUREA * 3-(3,4-DICHLOROPHENYL)-1-METHOXY-1-METHYLUREA * N-(3,4-DICHLOROPHENYL)-N-METHOXY-N-METHYLUREA * 1-(3,4-DICHLOROPHENYL)-3-METHOXY-3-METHYLUREE (French) * N-(3,4-DICHLOROPHENYL)-N'-METHYL-N'-METHOXYUREA * 3-(3,4-DICHLOR-PHENYL)-1-METHOXY-1-METHYL-HARNSTOFF (German) * DU PONT 326 * DUPONT HERBICIDE 326 * GARNITAN * HERBICIDE 326 * HOE 2810 * LINEX 4L * LINOROX * LINUREX * LINURON * LINURON (HERBICIDE) * LOREX * LOROX * LOROX LINURON WEED KILLER * METHOXYDIURON * 1-METHOXY-1-METHYL-3-(3,4-DICHLOROPHENYL)UREA * PREMALIN * SARCLEX * SCARCLEX * SINURON
MUTATION DATA AND REFERENCES:
dni-mus-orl 500 mg/kg MUREAV 58,353,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1500 mg/kg 85ARAE 2,150,77
* ihl-rat LC50:48 mg/m3/4H 85GMAT -,48,82
* orl-mus LD50:2400 mg/kg 85GMAT -,48,82
orl-dog LD50:500 mg/kg GUCHAZ 6,317,73
* orl-ckn LD50:3765 mg/kg VETNAE 58(7),63,82
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DTTIAF 80(20),485,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0981-0409

UREA, 1-(2,6-DICHLOROPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE see: YS8980000

YS9295000 UREA, 1,3-DICYCLOHEXYL-1-NITROSO-
UPDT:8407 CAS: 18664-26-1 MW: 253.39 MOLFM: C13-H23-N3-O2
SYN: N,N'-BIS(CYCLOHEXYL)-N-NITROSOUREA
MUTATION DATA AND REFERENCES:
dni-mus:leu 25 umol/L 45ZJA3 -,95,81

YS9300000 UREA, 1,3-DICYCLOHEXYL-2-THIO-
UPDT:8412 CAS: 1212-29-9 MW: 240.45 MOLFM: C13-H24-N2-S
SYN: DICYCLOHEXYL THIOUREA * N,N'-DICYCLOHEXYLTHIOUREA * NCI-C04524
MUTATION DATA AND REFERENCES:
otr-rat:emb 250 ng/plate JJATDK 1,190,81
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE,RAT (NCITR* NCI-CG-TR-56,78)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

UREA, N'-((8-alpha)-9,10-DIDEHYDRO-6-METHYLERGOLIN-8-YL)-N,N-DIETHYL-, (Z)-2-BUTENEDIOATE see: YS9325000

YS9325000 UREA, 3-(9,10-DIDEHYDRO-6-METHYLERGOLIN-8-alpha-YL)-1,1-DIETHYL-, MALEATE (1:1)
UPDT:8412 CAS: 19875-60-6 MW: 454.58 MOLFM: C20-H26-N4-O . C4-H4-O4
SYN: CUVALIT * 3-(9,10-DIDEHYDRO-6-METHYLERGOLIN-8-YL)-1,1-DIETHYLUREA HYDROGEN MALEATE * 3-(9,10-DIDEHYDRO-6-METHYLERGOLIN-8-alpha-YL)-1,1-DIETHYLUREA MALEATE (1:1) * LISURIDE HYDROGEN MALEATE * LYSENYL * LYSENYL BIMALEATE * LYSENYL HYDROGEN MALEATE * UREA, N'-((8-alpha)-9,10-DIDEHYDRO-6-METHYLERGOLIN-8-YL)-N,N-DIETHYL-, (Z)-2-BUTENEDIOATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T12 orl-rat TDLo:1568 ug/kg (98D pre) IYKEDH 13,716,82
2T02T03 orl-mus TDLo:18 mg/kg (60D male) KSRNAM 15,2298,81
2T42T81 orl-mus TDLo:75 mg/kg (15-18D preg/21D post) KSRNAM 15,2346,81
3T34T46T53 orl-mus TDLo:30 mg/kg (6-15D preg) KSRNAM 15,2311,81
1T35 orl-mus TDLo:75 mg/kg (MGN) KSRNAM 15,2346,81
1T53 orl-mus TDLo:7500 ug/kg (MGN) KSRNAM 15,2346,81
1T35 orl-rbt TDLo:130 mg/kg (6-18D preg) KSRNAM 15,2338,81
1T46 orl-rbt TDLo:1300 ug/kg (6-18D preg) KSRNAM 15,2338,81
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:14400 ug/kg 85ESA3 9,734,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA, 1-DIETHYLAMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE see: YS9363500

YS9363500 UREA, N-((DIETHYLAMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-91-7 MW: 298.86 MOLFM: C14-H22-N4-O . Cl-H
SYN: 1-DIETHYLAMIDINO-3-(2,6-XYLYL)-UREA HYDROCHLORIDE * N-((DIETHYLAMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)UREA MONOHYDROCHLORIDE * UREA, 1-DIETHYLAMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:100 mg/kg ARZNAD 28,1435,78

YS9368000 UREA, 1-(N-(p-(DIETHYLCARBAMOYL)PHENYL)AMIDINO)-, MONOHYDROCHLORIDE
UPDT:8405 MW: 313.83 MOLFM: C13-H19-N5-O2 . Cl-H
SYN: 1-(N-(p-(DIETHYLCARBAMOYL)PHENYL)AMIDINO)UREA MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:305 mg/kg JAJAAA 18,196,65

YS9380000 UREA, 1,1-DIETHYL-3-METHYL-3-NITROSO-
UPDT:8412 CAS: 50285-72-8 MW: 159.22 MOLFM: C6-H13-N3-O2
SYN: 1,1-DIETHYL-3-METHYL-3-NITROSOUREA * NITROSO-1,1-DIETHYL-3-METHYLUREA * NITROSOMETHYLDIAETHYLHARNSTOFF * NITROSOMETHYLDIETHYLUREA * 1-NITROSO-1-METHYL-3,3-DIETHYLUREA
MUTATION DATA AND REFERENCES:
mma-sat 250 ug/plate IJINDB 67,1117,81
sce-ham:lng 500 umol/L MUREAV 126,259,84
TUMORIGENIC DATA AND REFERENCES:
3V03A60C60 orl-rat TDLo:1400 mg/kg/50W-I ZKKOBW 83,315,75
3V03A60P62 orl-gpg TDLo:1200 mg/kg/32W-I CNREA8 40,1879,80
3V03K60L60 orl-ham TDLo:1592 mg/kg/W-I PAACA3 24,92,83
3V03D09K60 scu-ham TDLo:585 mg/kg/24W-I EXPTAX 20,153,81
3V03A60B60 orl-rat TD :2475 mg/kg/33W-C JJIND8 65,451,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS9388000 UREA, N-(2,6-DIETHYLPHENYL)-N'-((DIMETHYLAMINO)IMINOMETHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65009-07-6 MW: 298.86 MOLFM: C14-H22-N4-O . Cl-H
SYN: N-(2,6-DIETHYLPHENYL)-N'-((DIMETHYLAMINO)IMINOMETHYL)UREA HYDROCHLORIDE * 1-DIMETHYLAMIDINO-3-(2,6-DIETHYLPHENYL)-UREA HYDROCHLORIDE * UREA, 1-DIMETHYLAMIDINO-3-(2,6-DIETHYLPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:250 mg/kg ARZNAD 28,1435,78

YS9388400 UREA, N-(2,6-DIETHYLPHENYL)-N'-((DIMETHYLAMINO)(METHYLAMINO)METHYLENE)-
UPDT:8312 CAS: 68657-01-2 MW: 276.43 MOLFM: C15-H24-N4-O
SYN: N-(2,6-DIETHYLPHENYL)-N'-((DIMETHYLAMINO)(METHYLAMINO)METHYLENE)UREA
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:150 mg/kg ARZNAD 28,1435,78

UREA, 1-(2,6-DIETHYLPHENYL)-3-ETHYLAMIDINO-, SULFATE see: YS9389000

YS9389000 UREA, N-(2,6-DIETHYLPHENYL)-N'-((ETHYLAMINO)IMINOMETHYL)-, SULFATE (1:1)
UPDT:8312 CAS: 65009-20-3 MW: 360.48 MOLFM: C14-H22-N4-O . H2-S-O4
SYN: 1-(2,6-DIETHYLPHENYL)-3-ETHYLAMIDINO-UREA SULFATE * N-(2,6-DIETHYLPHENYL)-N'-((ETHYLAMINO)IMINOMETHYL)UREA SULFATE (1:1) * UREA, 1-(2,6-DIETHYLPHENYL)-3-ETHYLAMIDINO-, SULFATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:150 mg/kg ARZNAD 28,1435,78

YS9389400 UREA, N-(2,6-DIETHYLPHENYL)-N'-(1,4,5,6,7,8-HEXAHYDRO-1,3-DIAZOCIN-2-YL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68657-04-5 MW: 338.93 MOLFM: C17-H26-N4-O . Cl-H
SYN: N-(2,6-DIETHYLPHENYL)-N'-(1,4,5,6,7,8-HEXAHYDRO-1,3-DIAZOCIN-2-YL)-UREA HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:275 mg/kg ARZNAD 28,1435,78

YS9389500 UREA, N-(2,6-DIETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-N-METHYL-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68657-10-3 MW: 298.86 MOLFM: C14-H22-N4-O . Cl-H
SYN: N-(2,6-DIETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-N-METHYLUREA HYDROCHLORIDE * 1-(2,6-DIETHYLPHENYL)-1-METHYL-3-METHYLAMIDINO-UREA HYDROCHLORIDE * UREA, 1-(2,6-DIETHYLPHENYL)-1-METHYL-3-METHYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:60 mg/kg ARZNAD 28,1435,78

YS9389600 UREA, N-(2,6-DIETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65009-45-2 MW: 284.83 MOLFM: C13-H20-N4-O . Cl-H
SYN: N-(2,6-DIETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)UREA HYDROCHLORIDE * 1-(2,6-DIETHYLPHENYL)-3-METHYLAMIDINO-UREA HYDROCHLORIDE * UREA, 1-(2,6-DIETHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:135 mg/kg ARZNAD 28,1435,78

YS9389700 UREA, N-(2,6-DIETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-N-PROPYL-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65009-34-9 MW: 326.92 MOLFM: C16-H26-N4-O . Cl-H
SYN: N-(2,6-DIETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-N-PROPYLUREA HYDROCHLORIDE * 1-(2,6-DIETHYLPHENYL)-3-METHYLAMIDINO-1-PROPYL-UREA HYDROCHLORIDE * UREA, 1-(2,6-DIETHYLPHENYL)-3-METHYLAMIDINO-1-PROPYL-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:400 mg/kg ARZNAD 28,1435,78

UREA, 1-(2,6-DIETHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE see: YS9389600
UREA, 1-(2,6-DIETHYLPHENYL)-3-METHYLAMIDINO-1-PROPYL-, HYDROCHLORIDE see: YS9389700
UREA, 1-(2,6-DIETHYLPHENYL)-1-METHYL-3-METHYLAMIDINO-, HYDROCHLORIDE see: YS9389500

YS9395000 UREA, 1,1-DIETHYL-3-PHENYL-3-(2-PIPERIDINOPROPYL)-
UPDT:8408 MW: 317.53 MOLFM: C19-H31-N3-O
SYN: 1,1-DIETHYL-3-PHENYL-3-(2-PIPERIDINOPROPYL)UREA
TOXICITY DATA AND REFERENCES:
3F29K14U26 scu-mus LD50:400 mg/kg YKKZAJ 83,62,63

YS9400000 UREA, N-(2,6-DIETHYLPHENYL)-N'-(4,5,6,7-TETRAHYDRO-1H-1,3-DIAZEPIN-2-YL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68657-03-4 MW: 324.90 MOLFM: C16-H24-N4-O . Cl-H
SYN: N-(2,6-DIETHYLPHENYL)-N'-(4,5,6,7-TETRAHYDRO-1H-1,3-DIAZEPIN-2-YL)-UREA HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:25 mg/kg ARZNAD 28,1435,78

YS9450000 UREA, 1,1-DIETHYL-2-SELENO-
UPDT:7908 CAS: 5117-17-9 MW: 179.15 MOLFM: C5-H12-N2-Se
SYN: N,N-DIETHYLSELENOUREA * USAF B-100
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:10 mg/kg NTIS** AD277-689
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YS9800000 UREA, 1,3-DIETHYL-2-THIO-
UPDT:8412 CAS: 105-55-5 MW: 132.25 MOLFM: C5-H12-N2-S
SYN: N,N'-DIETHYLTHIOCARBAMIDE * N,N'-DIETHYLTHIOUREA * 1,3-DIETHYLTHIOUREA * 1,3-DIETHYL-2-THIOUREA * NCI-C03816 * PENNZONE E * THIOUREA, N,N'-DIETHYL- * U 15030 * USAF EK-1803
TUMORIGENIC DATA AND REFERENCES:
2V01N62 orl-rat TDLo:11 gm/kg/2Y-C NCITR* NCI-CG-TR-149,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:316 mg/kg NCILB* NCI-E-C-72-3252
orl-mus LD50:681 mg/kg NCILB* NCI-E-C-72-3252
ipr-mus LD50:500 mg/kg NTIS** AD277-689
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NCITR* NCI-CG-TR-149,79)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-149,79)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA, N-((2,3-DIHYDRO-1,4-BENZODIOXIN-2-YL)METHYL)-N-METHYL-N',N'-DI-2-PROPENYL- (9CI) see: YS7897000

YS9817000 UREA, N-(4,5-DIHYDRO-1-METHYL-1H-IMIDAZOL-2-YL)-N'-(2,6-DIMETHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-93-9 MW: 282.81 MOLFM: C13-H18-N4-O . Cl-H

SYN: N'-(4,5-DIHYDRO-1-METHYL-1H-IMIDAZOL-2-YL)-N'-(2,6-DIMETHYLPHENYL) UREA HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:150 mg/kg ARZNAD 28,1435,78

YS9863200 UREA, (4-(3-(3,4-DIMETHOXYPHENETHYLAMINO)-2-HYDROXYPROPOXY)PHENYL)-
UPDT:8405 CAS: 76210-78-1 MW: 389.50 MOLFM: C20-H27-N3-O5
SYN: (4-(3-(3,4-DIMETHOXYPHENETHYLAMINO)-2-HYDROXYPROPOXY)PHENYL)UREA * UREA, (4-(3-((2-(3,4-DIMETHOXYPHENYL)ETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)-
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:94 mg/kg PHARAT 38,409,83

YS9863500 UREA, N-(2-(3-(3,4-DIMETHOXYPHENETHYLAMINO)-2-HYDROXYPROPOXY)PHENYL)-N'-METHYL-
UPDT:8405 CAS: 76210-77-0 MW: 403.53 MOLFM: C21-H29-N3-O5
SYN: N-(2-(3-(3,4-DIMETHOXYPHENETHYLAMINO)-2-HYDROXYPROPOXY)PHENYL)-N'-METHYLUREA * UREA, N-(2-(3-((2-(3,4-DIMETHOXYPHENYL)ETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)-N'-METHYL-
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:120 mg/kg PHARAT 38,409,83

UREA, (4-(3-((2-(3,4-DIMETHOXYPHENYL)ETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)- see: YS9863200

UREA, N-(2-(3-((2-(3,4-DIMETHOXYPHENYL)ETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)-N'-METHYL- see: YS9863500

YS9867100 UREA, N-(2,4-DIMETHOXYPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-52-0 MW: 288.77 MOLFM: C11-H16-N4-O3·Cl-H
SYN: N-(2,4-DIMETHOXYPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE * UREA, 1-(2,4-DIMETHOXYPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:450 mg/kg ARZNAD 28,1435,78

YS9867200 UREA, N-(2,5-DIMETHOXYPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-51-9 MW: 288.77 MOLFM: C11-H16-N4-O3·Cl-H
SYN: N-(2,5-DIMETHOXYPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE * UREA, 1-(2,5-DIMETHOXYPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:275 mg/kg ARZNAD 28,1435,78

YS9867300 UREA, N-(2,6-DIMETHOXYPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68657-06-7 MW: 288.77 MOLFM: C11-H16-N4-O3·Cl-H
SYN: N-(2,6-DIMETHOXYPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)UREA HYDROCHLORIDE * N-(2,6-DIMETHOXYPHENYL)-N'-METHYLAMIDINO-UREA HYDROCHLORIDE * UREA, 1-(2,6-DIMETHOXYPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:450 mg/kg ARZNAD 28,1435,78

YS9867400 UREA, N-(3,4-DIMETHOXYPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-53-1 MW: 288.77 MOLFM: C11-H16-N4-O3·Cl-H
SYN: N-(3,4-DIMETHOXYPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE * UREA, 1-(3,4-DIMETHOXYPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg ARZNAD 28,1435,78

UREA, 1-(2,4-DIMETHOXYPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE see: YS9867100
UREA, 1-(2,5-DIMETHOXYPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE see: YS9867200
UREA, 1-(2,6-DIMETHOXYPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE see: YS9867300
UREA, 1-(3,4-DIMETHOXYPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE see: YS9867400

YS9868000 UREA, 1,3-DIMETHYL-
UPDT:8303 CAS: 96-31-1 MW: 88.13 MOLFM: C3-H8-N2-O
SYN: N,N'-DIMETHYLHARNSTOFF (German) * N,N'-DIMETHYLUREA * sym-DIMETHYLUREA * 1,3-DIMETHYLUREA * SYMMETRIC DIMETHYLUREA
MUTATION DATA AND REFERENCES:
mmo-clr 400 mmol/L FOMIAZ 20,452,75
dni-hmn:lym 40 mmol/L PNASA6 79,1171,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:2 gm/kg (12D preg) TJADAB 23,335,81
3T25T34T43 orl-mus TDLo:2 gm/kg (10D preg) TJADAB 23,335,81
1T46 orl-mus TDLo:2 gm/kg (10D preg) TJADAB 23,335,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YS9868300 UREA, 1-(N,N-DIMETHYLALANYL)-3-(p-ETHOXYPHENYL)-
UPDT:8408 MW: 279.38 MOLFM: C14-H21-N3-O3
SYN: 1-(N,N-DIMETHYLALANYL)-3-(p-ETHOXYPHENYL)UREA
TOXICITY DATA AND REFERENCES:
1F29 ipr-mam LD50:566 mg/kg YKKZAJ 83,480,63

UREA, 1-DIMETHYLAMIDINO-3-(2,6-DIETHYLPHENYL)-, HYDROCHLORIDE see: YS9388000
UREA, 3-DIMETHYLAMIDINO-1-METHYL-1-(2,6-XYLYL)- see: YS9990000
UREA, 1-DIMETHYLAMIDINO-3-(2-ETHYL-6-METHYLPHENYL)-, HYDROCHLORIDE see: YS9994000
UREA, 1-DIMETHYLAMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE see: YS9993000

YS9873000 UREA, 1-(2-(DIMETHYLAMINO)BUTYRYL)-3-(p-ETHOXYPHENYL)-
UPDT:8408 MW: 293.41 MOLFM: C15-H23-N3-O3
SYN: 1-(2-(DIMETHYLAMINO)BUTYRYL)-3-(p-ETHOXYPHENYL)UREA
TOXICITY DATA AND REFERENCES:
1F29 ipr-mam LD50:923 mg/kg YKKZAJ 83,480,63

YS9990000 UREA, N'-((DIMETHYLAMINO)IMINOMETHYL)-N-(2,6-DIMETHYLPHENYL)-N-METHYL-
UPDT:8312 CAS: 68657-09-0 MW: 248.37 MOLFM: C13-H20-N4-O
SYN: 3-DIMETHYLAMIDINO-1-METHYL-1-(2,6-XYLYL)-UREA * N'-((DIMETHYLAMINO)IMINOMETHYL)-N-(2,6-DIMETHYLPHENYL)-N-METHYLUREA * UREA, 3-DIMETHYLAMIDINO-1-METHYL-1-(2,6-XYLYL)-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:170 mg/kg ARZNAD 28,1435,78

YS9993000 UREA, N-((DIMETHYLAMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65009-03-2 MW: 270.80 MOLFM: C12-H18-N4-O·Cl-H
SYN: 1-DIMETHYLAMIDINO-3-(2,6-XYLYL)-UREA HYDROCHLORIDE * N-((DIMETHYLAMINO)IMINOMETHYL)-N'-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE * UREA, 1-DIMETHYLAMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:180 mg/kg ARZNAD 28,1435,78

YS9994000 UREA, N-((DIMETHYLAMINO)IMINOMETHYL)-N'-(2-ETHYL-6-METHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65009-04-3 MW: 284.83 MOLFM: C13-H20-N4-O·Cl-H
SYN: 1-DIMETHYLAMIDINO-3-(2-ETHYL-6-METHYLPHENYL) UREA HYDROCHLORIDE * N-((DIMETHYLAMINO)IMINOMETHYL)-N'-(2-ETHYL-6-METHYLPHENYL)UREA HYDROCHLORIDE * UREA, 1-DIMETHYLAMIDINO-3-(2-ETHYL-6-METHYLPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:170 mg/kg ARZNAD 28,1435,78

YT0010000 UREA, ((DIMETHYLAMINO)(METHYLAMINO)METHYLENE)(2,6-DIMETHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 66871-37-2 MW: 284.83 MOLFM: C13-H20-N4-O·Cl-H
SYN: ((DIMETHYLAMINO)(METHYLAMINO)METHYLENE)(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:250 mg/kg ARZNAD 28,1435,78

YT0051000 UREA, 1-(alpha,alpha-DIMETHYLBENYZL)-3-METHYL-3-PHENYL-
UPDT:8303 CAS: 42609-52-9 MW: 268.39 MOLFM: C17-H20-N2-O
SYN: 1-(alpha,alpha-DIMETHYLBENZYL)-3-METHYL-3-PHENYLUREA
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6130 mg/kg SHBOAO 32,488,78
* scu-rat LD50:7810 mg/kg SHBOAO 32,488,78
* orl-mus LD50:6830 mg/kg SHBOAO 32,488,78
* scu-mus LD50:7600 mg/kg SHBOAO 32,488,78

YT0056000 UREA, 1,1-DIMETHYL-3-(2-(DIMETHYLAMINO)PROPYL)-3-PHENYL-
UPDT:8408 MW: 249.40 MOLFM: C14-H23-N3-O
SYN: 1-(2-(DIMETHYLAMINO)PROPYL)-3,3-DIMETHYL-1-PHENYLUREA * 1,1-DIMETHYL-3-(2-(DIMETHYLAMINO)PROPYL)-3-PHENYLUREA
TOXICITY DATA AND REFERENCES:
3F29K14U26 scu-mus LD50:300 mg/kg YKKZAJ 83,62,63

YT0090000 UREA, N-(4-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)-N'-ETHYL-
UPDT:8403 CAS: 38649-69-3 MW: 309.46 MOLFM: C16-H27-N3-O3
SYN: N-(4-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)-N'-ETHYLUREA
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:74 mg/kg PHARAT 30,638,75

YT0092000 UREA, N-(4-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)-N'-METHYL-
UPDT:8403 CAS: 38649-71-7 MW: 295.43 MOLFM: C15-H25-N3-O3
SYN: N-(4-(3-((1,1-DIMETHYLETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)-N'-METHYLUREA
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:71 mg/kg PHARAT 30,638,75

YT0100000 UREA, 1,1-DIMETHYL-3-ETHYL-3-NITROSO-
UPDT:8401 CAS: 50285-71-7 MW: 145.19 MOLFM: C5-H11-N3-O2
SYN: 1,1-DIMETHYL-3-ETHYL-3-NITROSOUREA * NITROSOAETHYLDIMETHYLHARNSTOFF * NITROSO-1,1-DIMETHYL-3-ETHYLUREA * NITROSOETHYLDIMETHYLUREA * 1-NITROSO-1-ETHYL-3,3-DIMETHYLUREA
MUTATION DATA AND REFERENCES:
mmo-sat 250 ug/plate JJIND8 67,1117,81
TUMORIGENIC DATA AND REFERENCES:
3V03A60C60 orl-rat TDLo:1230 mg/kg/50W-I ZKKOBW 83,315,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT0153000 UREA, 1,1-DIMETHYL-3-(p-FLUOROPHENYL)-
UPDT:8402 CAS: 332-33-2 MW: 182.22 MOLFM: C9-H11-F-N2-O
SYN: 1,1-DIMETHYL-3-(p-FLUOROPHENYL)UREA * N'-(4-FLUOROPHENYL)-N,N-DIMETHYLUREA
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2 gm/kg APFRAD 40,339,82

YT0160100 UREA, 1-(N,N-DIMETHYLGLYCYL)-3-(p-ETHOXYPHENYL)-
UPDT:8408 MW: 265.35 MOLFM: C13-H19-N3-O3
SYN: 1-(N,N-DIMETHYLGLYCYL)-3-(p-ETHOXYPHENYL)UREA
TOXICITY DATA AND REFERENCES:
1F29 ipr-mam LD50:694 mg/kg YKKZAJ 83,480,63

YT0160200 UREA, 1-(N,N-DIMETHYLGLYCYL)-3-(p-ISOPROPOXYPHENYL)-
UPDT:8408 MW: 279.38 MOLFM: C14-H21-N3-O3
SYN: 1-(N,N-DIMETHYLGLYCYL)-3-(p-ISOPROPOXYPHENYL)UREA
TOXICITY DATA AND REFERENCES:
1F29 ipr-mam LD50:14100 mg/kg YKKZAJ 83,480,63

YT0160300 UREA, 1-(N,N-DIMETHYLGLYCYL)-3-PHENYL-
UPDT:8408 MW: 221.29 MOLFM: C11-H15-N3-O2
SYN: 1-(N,N-DIMETHYLGLYCYL)-3-PHENYLUREA
TOXICITY DATA AND REFERENCES:
1F29 ipr-mam LD50:123 mg/kg YKKZAJ 83,480,63

YT0160400 UREA, 1-(N,N-DIMETHYLGLYCYL)-3-(p-METHOXYPHENYL)-
UPDT:8408 MW: 251.32 MOLFM: C12-H17-N3-O3
SYN: 1-(N,N-DIMETHYLGLYCYL)-3-(p-METHOXYPHENYL)UREA
TOXICITY DATA AND REFERENCES:
1F29 ipr-mam LD50:932 mg/kg YKKZAJ 83,480,63

YT0170000 UREA, 1,1-DIMETHYL-3-(p-ISOPROPYLPHENYL)-
UPDT:8309 CAS: 34123-59-6 MW: 206.32 MOLFM: C12-H18-N2-O
SYN: ARELON * BELGRAN * CGA 18731 * GRAMINON * HOE 16410 * IP 50 * N-(4-ISOPROPYLPHENYL)-N',N'-DIMETHYLHARNSTOFF (German) * N-4-ISOPROPYLPHENYL-N,N-DIMETHYLUREA * N-(4-ISOPROPYLPHENYL)-N',N'-DIMETHYLUREA * ISOPROTURON * TOLKAN * TOLKEN
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3600 mg/kg FMCHA2 -,C134,83

YT0180000 UREA, 1,1-DIMETHYL-3-(p-(p-METHOXYPHENOXY)PHENYL)-
UPDT:8309 CAS: 14214-32-5 MW: 286.36 MOLFM: C16-H18-N2-O3
SYN: C 3470 * DIFENOXURON * LIRONION * N-(4-(4-METHOXYPHENOXY)PHENYL)-N,N-DIMETHYLUREA * PINORAN
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1000 mg/kg 85ARAE 2,152,77

YT0200000 UREA, 1,1-DIMETHYL-3-(m-METHYLPHENYL)-2-THIO-
UPDT:8309 CAS: 21540-35-2 MW: 194.32 MOLFM: C10-H14-N2-S
SYN: METHIURON * 1-(m-METHYLPHENYL)-2,3-DIMETHYLTHIOUREA * M H 090 * THIURON
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2200 mg/kg FMCHA2 -,C153,83

YT0340000 UREA, N-(2,6-DIMETHYL-4-NITROPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-
UPDT:8312 CAS: 68656-61-1 MW: 265.31 MOLFM: C11-H15-N5-O3
SYN: N-(2,6-DIMETHYL-4-NITROPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA * UREA, 1-(2,6-DIMETHYL-4-NITROPHENYL)-3-METHYLAMIDINO-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:650 mg/kg ARZNAD 28,1435,78

UREA, 1-(2,6-DIMETHYL-4-NITROPHENYL)-3-METHYLAMIDINO- see: YT0340000

YT0350000 UREA, 1,3-DIMETHYL-1-NITROSO-
UPDT:8408 CAS: 13256-32-1 MW: 117.13 MOLFM: C3-H7-N3-O2
SYN: DIMETHYLNITROSOHARNSTOFF (German) * N,N'-DIMETHYLNITROSOUREA * 1,3-DIMETHYLNITROSOUREA * 1,3-DIMETHYL-N-NITROSOUREA * N-NITROSODIMETHYLUREA * NDMU * NITROSODIMETHYLUREA
MUTATION DATA AND REFERENCES:
mmo-sat 1400 umol/L/48H MUREAV 48,131,77
mrc-bcs 140 mmol/L MUREAV 15,101,72
mmo-omi 500 ppm ANTBAL 21,501,76
mmo-omi 500 ppm ANTBAL 21,501,76
mmo-omi 1 pph ANTBAL 27(10),18,82
dni-mus-ipr 80 mg/kg INSSDM 19,85,81
dni-mus/oth 80 mg/kg INSSDM 19,85,81
hma-mus/sat 150 mg/kg ARZNAD 23,746,73
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T59 ivn-rat TDLo:20 mg/kg (10D preg) APEPA2 257,296,67
2T43T46 par-rat TDLo:10 mg/kg (13D preg) IARCCD 4,112,73
1T35 pu.-rat TDLo:50 mg/kg (9D preg) IARCCD 4,112,73
TUMORIGENIC DATA AND REFERENCES:
3V03A60C60 orl-rat TDLo:1300 mg/kg/65W-C ZEKBAI 69,103,67
3V03A60C60 ivn-rat TDLo:660 mg/kg/66W-I ZEKBAI 69,103,67
2V01P62 scu-mus TDLo:720 mg/kg/9W-I GANNA2 62,135,71
3V01K60R60 scu-hom TDLo:680 mg/kg/17W-I AMOKAG 28,333,74
TOXICITY DATA AND REFERENCES:
orl-rat LD50:280 mg/kg ZEKBAI 69,103,67

ivn-rat LD50:280 mg/kg ZEKBAI 69,103,67
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT0370000 UREA, 1,3-DIMETHYL-1-NITROSO-3-PHENYL-
UPDT:8408 MW: 193.23 MOLFM: C9-H11-N3-O2
SYN: N,N'-DIMETHYL-N-NITROSO-N'-PHENYLUREA * 1,3-DIMETHYL-3-PHENYL-1-NITROSOUREA
MUTATION DATA AND REFERENCES:
mmo-sat 1 umol/plate CRNGDP 4,409,83
mma-sat 1 umol/plate CRNGDP 4,409,83
cyt-ham:lng 5 umol/L CRNGDP 4,409,83
sce-ham:lng 100 nmol/L MUREAV 126,259,84
sce-ham:lng 1 umol/L CRNGDP 4,409,83
msc-ham:lng 500 mmol/L CRNGDP 4,409,83

UREA, (1,1-DIMETHYLETHYL)- (9CI) see: YS3680000

YT1450000 UREA, 1,1-DIMETHYL-3-PHENYL-
UPDT:8309 CAS: 101-42-8 MW: 164.23 MOLFM: C9-H12-N2-O
SYN: BEET-KLEEN * DIBAR * N,N-DIMETHYL-N'-PHENYLUREA * 1,1-DIMETHYL-3-PHENYLUREA * DYBAR * FENIDIN * FENULON * FENURON * N-PHENYL-N',N'-DIMETHYLUREA * 1-PHENYL-3,3-DIMETHYLUREA * 3-PHENYL-1,1-DIMETHYLUREA * PDU * PUD (HERBICIDE)
MUTATION DATA AND REFERENCES:
dni-mus-orl 500 mg/kg MUREAV 58,353,78
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:6400 mg/kg FMCHA2 -,C104,83
* orl-mus LD50:4700 mg/kg GISAAA 47(3),82,82
* orl-rbt LD50:4700 mg/kg GISAAA 47(3),82,82
* orl-gpg LD50:3200 mg/kg GISAAA 47(3),82,82
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DTTIAF 80(20),485,73
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UREA, (4-(3-((2-((2,6-DIMETHYLPHENYL)AMINO)ETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)-, HCl see: YU4985000

YT1452000 UREA, N,N-DIMETHYL-N'-(p-(PHENYLAZO)PHENYL)-
UPDT:8401 MW: 268.35 MOLFM: C15-H16-N4-O
SYN: AZOBENZENE, p-(N,N-DIMETHYLUREIDO)- * p-N,N-DIMETHYLUREIDOAZOBENZENE
TUMORIGENIC DATA AND REFERENCES:
3V02L60V10 scu-rat TDLo:2600 mg/kg/83D-I BJPCAL 9,306,54
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT1458400 UREA, N-(2,6-DIMETHYLPHENYL)-N'-((ETHOXYAMINO)IMINOMETHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68657-11-4 MW: 286.80 MOLFM: C12-H18-N4-O2 Cl-H
SYN: N-(2,6-DIMETHYLPHENYL)-N'-((ETHOXYAMINO)IMINOMETHYL)UREA HYDROCHLORIDE * UREA, 1-(2,6-DIMETHYLPHENYL)-3-ETHOXYAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:100 mg/kg ARZNAD 28,1435,78

YT1458500 UREA, N-(2,6-DIMETHYLPHENYL)-N'-((ETHYLAMINO)IMINOMETHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65009-27-0 MW: 270.80 MOLFM: C12-H18-N4-O Cl-H
SYN: N-(2,6-DIMETHYLPHENYL)-N'-((ETHYLAMINO)IMINOMETHYL)-UREA HYDROCHLORIDE * UREA, 1-(2,6-DIMETHYLPHENYL)-3-ETHYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:115 mg/kg ARZNAD 28,1435,78

YT1458600 UREA, N-(2,6-DIMETHYLPHENYL)-N-ETHYL-N'-(IMINO(METHYLAMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65009-32-7 MW: 284.83 MOLFM: C13-H20-N4-O Cl-H
SYN: N-(2,6-DIMETHYLPHENYL)-N-ETHYL-N'-(IMINO(METHYLAMINO)METHYL)UREA HYDROCHLORIDE * 1-ETHYL-3-METHYLAMIDINO-1-(2,6-XYLYL)-UREA HYDROCHLORIDE * UREA, 1-ETHYL-3-METHYLAMIDINO-1-(2,6-XYLYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:100 mg/kg ARZNAD 28,1435,78

UREA, 1-(2,6-DIMETHYLPHENYL)-3-ETHOXYAMIDINO-, HYDROCHLORIDE see: YT1458400
UREA, 1-(2,6-DIMETHYLPHENYL)-3-ETHYLAMIDINO-, HYDROCHLORIDE see: YT1458500

YT1458700 UREA, N-(2,6-DIMETHYLPHENYL)-N'-((ETHYLMETHYLAMINO)IMINOMETHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-89-3 MW: 284.83 MOLFM: C13-H20-N4-O Cl-H
SYN: N-(2,6-DIMETHYLPHENYL)-N'-((ETHYLMETHYLAMINO)IMINOMETHYL)UREA HYDROCHLORIDE * 1-ETHYLMETHYLAMIDINO-3-(2,6-XYLYL)-UREA HYDROCHLORIDE * UREA, 1-ETHYLMETHYLAMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:135 mg/kg ARZNAD 28,1435,78

YT1458800 UREA, N-(2,6-DIMETHYLPHENYL)-N'-(HEXAHYDRO-1,3-DIAZOCIN-2(1H)-YLIDENE)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68967-19-1 MW: 310.87 MOLFM: C15-H22-N4-O Cl-H
SYN: N-(2,6-DIMETHYLPHENYL)-N'-(HEXAHYDRO-1,3-DIAZOCIN-2(1H)-YLIDENE)UREA HYDROCHLORIDE * 1-(HEXAHYDRO-1,3-DIAZOCIN-2(1H)-YLIDENE)-3-(2,6-XYLYL)-UREA HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:75 mg/kg ARZNAD 28,1435,78

UREA, 1-(2,6-DIMETHYLPHENYL)-3-HEXYLAMIDINO-, HYDROCHLORIDE see: YT1458900

YT1458900 UREA, N-(2,6-DIMETHYLPHENYL)-N'-((HEXYLAMINO)IMINOMETHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-79-1 MW: 326.92 MOLFM: C16-H26-N4-O Cl-H
SYN: 1-(2,6-DIMETHYLPHENYL)-3-HEXYLAMIDINO-UREA HYDROCHLORIDE * N-(2,6-DIMETHYLPHENYL)-N'-((HEXYLAMINO)IMINOMETHYL)UREA HYDROCHLORIDE * UREA, 1-(2,6-DIMETHYLPHENYL)-3-HEXYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg ARZNAD 28,1435,78

UREA, 1-(2,6-DIMETHYLPHENYL)-3-HEXYLOXYAMIDINO- see: YT1458920

YT1458920 UREA, N-(2,6-DIMETHYLPHENYL)-N'-(((HEXYLOXY)AMINO)IMINOMETHYL)-
UPDT:8312 CAS: 68657-14-7 MW: 306.46 MOLFM: C16-H26-N4-O2
SYN: 1-(2,6-DIMETHYLPHENYL)-3-HEXYLOXYAMIDINO-UREA * N-(2,6-DIMETHYLPHENYL)-N'-((HEXYLOXY)AMINO)IMINOMETHYL)UREA * UREA, 1-(2,6-DIMETHYLPHENYL)-3-HEXYLOXYAMIDINO-
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:50 mg/kg ARZNAD 28,1435,78

UREA, 1-(2,6-DIMETHYLPHENYL)-3-HYDROXYAMIDINO-, HYDROCHLORIDE see: YT1458940

YT1458940 UREA, N-(2,6-DIMETHYLPHENYL)-N'-((HYDROXYAMINO)IMINOMETHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65178-95-2 MW: 258.74 MOLFM: C10-H14-N4-O2 Cl-H
SYN: N-(2,6-DIMETHYLPHENYL)-N'-((HYDROXYAMINO)IMINOMETHYL)UREA HYDROCHLORIDE * UREA, 1-(2,6-DIMETHYLPHENYL)-3-HYDROXYAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:50 mg/kg ARZNAD 28,1435,78

YT1458960 UREA, N-(2,6-DIMETHYLPHENYL)-N'-(((2-HYDROXYETHYL)AMINO)IMINOMETHYL)-, SULFATE (1:1) (salt)
UPDT:8312 CAS: 68656-86-0 MW: 348.42 MOLFM: C12-H18-N4-O2 H2-O4-S
SYN: N-(2,6-DIMETHYLPHENYL)-N'-(((2-HYDROXYETHYL)AMINO)IMINOMETHYL)UREA SULFATE (1:1) (salt) * 1-(2-HYDROXYETHYL)AMIDINO-3-(2,6-XYLYL)-UREA SULFATE * UREA, 1-(2-HYDROXYETHYL)AMIDINO-3-(2,6-XYLYL)-, SULFATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:250 mg/kg ARZNAD 28,1435,78

YT1459000 UREA, 3-(2,4-DIMETHYLPHENYL)-1-((4-HYDROXY-4-PHENYLPIPERIDINO)ACETYL)-
UPDT:8308 CAS: 70166-87-9 MW: 381.52 MOLFM: C22-H27-N3-O3
SYN: 3-(2,4-DIMETHYLPHENYL)-1-((4-HYDROXY-4-PHENYLPIPERIDINO)ACETYL)UREA * 1-PIPERIDINEACETAMIDE, N-(((2,4-DIMETHYLPHENYL)AMINO)CARBONYL)-4-HYDROXY-4-PHENYL (9CI)
TOXICITY DATA AND REFERENCES:
2F02F29 ipr-mus LD50:500 mg/kg RCOCB8 23,349,79

YT1459050 UREA, 3-(2,6-DIMETHYLPHENYL)-1-((4-HYDROXY-4-PHENYLPIPERIDINO)ACETYL)-
UPDT:8308 CAS: 70166-88-0 MW: 381.52 MOLFM: C22-H27-N3-O3
SYN: 3-(2,6-DIMETHYLPHENYL)-1-((4-HYDROXY-4-PHENYLPIPERIDINO)ACETYL)UREA * 1-PIPERIDINEACETAMIDE, N-(((2,6-DIMETHYLPHENYL)AMINO)CARBONYL)-4-HYDROXY-4-PHENYL (9CI)
TOXICITY DATA AND REFERENCES:
2F02F29 ipr-mus LD50:500 mg/kg RCOCB8 23,349,79

YT1459100 UREA, N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(METHOXYAMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65009-41-8 MW: 272.77 MOLFM: C11-H16-N4-O2 Cl-H
SYN: N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(METHOXYAMINO)METHYL)UREA HYDROCHLORIDE * UREA, 1-(2,6-DIMETHYLPHENYL)-3-METHOXYAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:180 mg/kg ARZNAD 28,1435,78

YT1459200 UREA, N-(2,6-DIMETHYLPHENYL)-N'-(IMINO((2-METHOXYETHYL)AMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 MW: 300.83 MOLFM: C13-H20-N4-O2 Cl-H
SYN: N-(2,6-DIMETHYLPHENYL)-N'-(IMINO((2-METHOXYETHYL)AMINO)METHYL)UREA HYDROCHLORIDE * 1-(2-METHOXYETHYL)AMIDINO-3-(2,6-XYLYL)-UREA HYDROCHLORIDE * UREA, 1-(2-METHOXYETHYL)AMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:175 mg/kg ARZNAD 28,1435,78

YT1459600 UREA, N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-N-METHYL-, MONONITRATE
UPDT:8312 CAS: 65009-22-5 MW: 297.36 MOLFM: C12-H18-N4-O H-N-O3
SYN: N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-N-METHYL-UREA NITRATE * UREA, 1-METHYL-3-METHYLAMIDINO-1-(2,6-XYLYL)-, NITRATE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:60 mg/kg ARZNAD 28,1435,78

YT1459800 UREA, N-(2,4-DIMETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 66871-64-5 MW: 256.77 MOLFM: C11-H16-N4-O Cl-H
SYN: N-(2,4-DIMETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE * UREA, 1-(2,4-DIMETHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:250 mg/kg ARZNAD 28,1435,78

YT1459900 UREA, N-(2,5-DIMETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 66871-62-3 MW: 256.77 MOLFM: C11-H16-N4-O Cl-H
SYN: N-(2,5-DIMETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE * UREA, 1-(2,5-DIMETHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:250 mg/kg ARZNAD 28,1435,78

YT1461000 UREA, N-(3,4-DIMETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 66871-60-1 MW: 256.77 MOLFM: C11-H16-N4-O Cl-H
SYN: N-(3,4-DIMETHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-UREA HYDROCHLORIDE * UREA, 1-(3,4-DIMETHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:450 mg/kg ARZNAD 28,1435,78

YT1461400 UREA, N-(2,6-DIMETHYLPHENYL)-N'-(IMINO((1-METHYLETHYL)AMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65009-39-4 MW: 284.83 MOLFM: C13-H20-N4-O Cl-H
SYN: N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(ISOPROPYLAMINO)METHYL)-UREA HYDROCHLORIDE * N-(2,6-DIMETHYLPHENYL)-N'-(IMINO((1-METHYLETHYL)AMINO)METHYL)UREA HYDROCHLORIDE * UREA, 1-(2,6-DIMETHYLPHENYL)-3-ISOPROPYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:90 mg/kg ARZNAD 28,1435,78

YT1461600 UREA, N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(METHYLPROPYLAMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-90-6 MW: 298.86 MOLFM: C14-H22-N4-O Cl-H
SYN: N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(METHYLPROPYLAMINO)METHYL)UREA HYDROCHLORIDE * N-(2,6-DIMETHYLPHENYL)-N'-METHYLPROPYLAMIDINO-UREA HYDROCHLORIDE * UREA, 1-METHYLPROPYLAMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:100 mg/kg ARZNAD 28,1435,78

YT1461700 UREA, N-(2,6-DIMETHYLPHENYL)-N'-(IMINO((1-METHYLPROPYL)AMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-77-9 MW: 298.86 MOLFM: C14-H22-N4-O Cl-H
SYN: 3-sec-BUTYLAMIDINO-1-(2,6-DIMETHYLPHENYL)-UREA HYDROCHLORIDE * N-(2,6-DIMETHYLPHENYL)-N'-(IMINO((1-METHYLPROPYL)AMINO)METHYL)UREA HYDROCHLORIDE * UREA, 3-sec-BUTYLAMIDINO-1-(2,6-DIMETHYLPHENYL)-, MONOHYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:90 mg/kg ARZNAD 28,1435,78

YT1461800 UREA, N-(2,6-DIMETHYLPHENYL)-N'-(IMINO((2-METHYLPROPYL)AMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-78-0 MW: 298.86 MOLFM: C14-H22-N4-O Cl-H
SYN: 3-ISOBUTYLAMIDINO-1-(2,6-DIMETHYLPHENYL)UREA HYDROCHLORIDE * N-(2,6-DIMETHYLPHENYL)-N'-(IMINO((2-METHYLPROPYL)AMINO)METHYL)UREA HYDROCHLORIDE * UREA, 3-ISOBUTYLAMIDINO-1-(2,6-DIMETHYLPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:175 mg/kg ARZNAD 28,1435,78

YT1462000 UREA, N-(2,6-DIMETHYLPHENYL)-N'-(IMINO((PHENETHYL)AMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-81-5 MW: 346.90 MOLFM: C18-H22-N4-O Cl-H
SYN: N-(2,6-DIMETHYLPHENYL)-N'-(IMINO((PHENETHYL)AMINO)METHYL)UREA HYDROCHLORIDE * 1-(2,6-DIMETHYLPHENYL)-3-PHENETHYLAMIDINO-UREA HYDROCHLORIDE * UREA, 1-(2,6-DIMETHYLPHENYL)-3-PHENETHYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg ARZNAD 28,1435,78

YT1462400 UREA, N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(PROPOXYAMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68657-12-5 MW: 300.83 MOLFM: C13-H20-N4-O2 Cl-H
SYN: N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(PROPOXYAMINO)METHYL)UREA HYDROCHLORIDE * UREA, 1-(2,6-DIMETHYLPHENYL)-3-PROPOXYAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:90 mg/kg ARZNAD 28,1435,78

YT1462600 UREA, N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(PROPYLAMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65009-38-3 MW: 284.83 MOLFM: C13-H20-N4-O Cl-H
SYN: N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(PROPYLAMINO)METHYL)-UREA HYDROCHLORIDE * UREA, 1-(2,6-DIMETHYLPHENYL)-3-PROPYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:189 mg/kg ARZNAD 28,1435,78

YT1462800 UREA, N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(2-PROPYNYLAMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 66871-58-7 MW: 280.79 MOLFM: C13-H16-N4-O Cl-H
SYN: N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(2-PROPYNYLAMINO)METHYL)UREA HYDROCHLORIDE * N-(2,6-DIMETHYLPHENYL)-N'-PROPARGYLAMIDINO-UREA HYDROCHLORIDE * UREA, 1-PROPARGYLAMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg ARZNAD 28,1435,78

YT1463000 UREA, N-(2,6-DIMETHYLPHENYL)-N'-(IMINO(((TETRAHYDRO-2-FURANYL)METHYL)AMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-82-6 MW: 326.87 MOLFM: C15-H22-N4-O2 Cl-H
SYN: 1-(TETRAHYDRO-FURFURYL)AMIDINO-3-(2,6-XYLYL)-UREA HYDROCHLORIDE * UREA, 1-(TETRAHYDRO-FURFURYL)AMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg ARZNAD 28,1435,78

YT1464000 UREA, N-(2,6-DIMETHYLPHENYL)-N'-(IMINO((2,2,2-TRIFLUOROETHYL)AMINO)METHYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-84-8 MW: 324.77 MOLFM: C12-H15-F3-N4-O Cl-H
SYN: 1-(2,2,2-TRIFLUOROETHYL)AMIDINO-3-(2,6-XYLYL)-UREA HYDROCHLORIDE * UREA, 1-(2,2,2-TRIFLUOROETHYL)AMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:250 mg/kg ARZNAD 28,1435,78

UREA, 1-(2,6-DIMETHYLPHENYL)-3-ISOPROPYLAMIDINO-, HYDROCHLORIDE see: YT1461400
UREA, 1-(2,6-DIMETHYLPHENYL)-3-METHOXYAMIDINO-, HYDROCHLORIDE see: YT1459100
UREA, 1-(2,4-DIMETHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE see: YT1459800
UREA, 1-(2,5-DIMETHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE see: YT1459900
UREA, 1-(3,4-DIMETHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE see: YT1461000
UREA, N-(2,6-DIMETHYLPHENYL)-N'-(1-METHYL-2-PYRROLIDINYLIDENE)- see: YT8850000
UREA, 1-(2,6-DIMETHYLPHENYL)-3-PHENETHYLAMIDINO-, HYDROCHLORIDE see: YT1462000
UREA, 1-(2,6-DIMETHYLPHENYL)-3-PROPOXYAMIDINO-, HYDROCHLORIDE see: YT1462400
UREA, 1-(2,6-DIMETHYLPHENYL)-3-PROPYLAMIDINO-, HYDROCHLORIDE see: YT1462600

YT1468000 UREA, N-(2,6-DIMETHYLPHENYL)-N'-(4,5,6,7-TETRAHYDRO-1H-1,3-DIAZEPIN-2-YL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-95-1 MW: 296.84 MOLFM: C14-H20-N4-O Cl-H
SYN: 1-(4,5,6,7-TETRAHYDRO-1H-1,3-DIAZEPIN-2-YL)-3-(2,6-XYLYL)-UREA HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:30 mg/kg ARZNAD 28,1435,78

YT1468500 UREA, N-(2,6-DIMETHYLPHENYL)-N'-(4,5,6,7-TETRAHYDRO-1-METHYL-1H-1,3-DIAZEPIN-2-YL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-96-2 MW: 310.87 MOLFM: C15-H22-N4-O Cl-H
SYN: 1-(4,5,6,7-TETRAHYDRO-1-METHYL-1H-1,3-DIAZEPIN-2-YL)-3-(2,6-XYLYL)UREA HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:100 mg/kg ARZNAD 28,1435,78

YT1468700 UREA, N-(2,6-DIMETHYLPHENYL)-N'-(3,4,7,8-TETRAHYDRO-2H-1,4,6-OXADIAZOCIN-5-YL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-97-3 MW: 312.84 MOLFM: C14-H20-N4-O2 Cl-H
SYN: 1-(3,4,7,8-TETRAHYDRO-2H-1,4,6-OXADIAZOCIN-5-YL)-3-(2,6-XYLYL)-U REA HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:500 mg/kg ARZNAD 28,1435,78

YT1468800 UREA, N-(2,6-DIMETHYLPHENYL)-N'-(1,4,5,6-TETRAHYDRO-2-PYRIMIDINYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-94-0 MW: 282.81 MOLFM: C13-H18-N4-O Cl-H
SYN: N-(2,6-DIMETHYLPHENYL)-N'-(1,4,5,6-TETRAHYDRO-2-PYRIMIDINYL)-UREA HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:180 mg/kg ARZNAD 28,1435,78

UREA, 1,1-DIMETHYL-3-PHENYL-, TRICHLOROACETATE see: AJ8225000

YT1480000 UREA, DIMETHYL and SODIUM NITRITE (3:2)
UPDT:8401
SYN: DIMETHYLHARNSTOFF und NATRIUMNITRIT (German) * DIMETHYLUREA and SODIUM NITRITE * SODIUM NITRITE and DIMETHYLUREA
TUMORIGENIC DATA AND REFERENCES:
3V03B60R60 orl-rat TDLo:14 gm/kg/56D-C ARZNAD 21,1707,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT1510000 UREA, 1,1-DIMETHYL-3-(m-(1,1,2,2-TETRAFLUORO)ETHOXY)PHENYL-
UPDT:8309 CAS: 27954-37-6 MW: 280.25 MOLFM: C11-H12-F4-N2-O2
SYN: N,N-DIMETHYL-N'-(3-(1,1,2,2-TETRAFLUOROETHOXY)PHENYL)UREA * HOE 2991 * N-(3-TETRAFLUOROETHOXYPHENYL)-N,N-DIMETHYLUREA * TETRAFLUORON * TOMILON
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1265 mg/kg 85ARAE 2,164,77

YT1525000 UREA, 1-(m-(3,3-DIMETHYL-1-TRIAZENO)PHENYL)-
UPDT:8308 CAS: 66974-80-9 MW: 207.27 MOLFM: C9-H13-N5-O
SYN: UREA, (3-(3,3-DIMETHYL-1-TRIAZENYL)PHENYL)
MUTATION DATA AND REFERENCES:
mma-sat 65 umol/L JMCMAR 22,473,79

YT1525050 UREA, 1-(p-(3,3-DIMETHYL-1-TRIAZENO)PHENYL)-
UPDT:8308 MW: 207.27 MOLFM: C9-H13-N5-O
SYN: 1-(p-(3,3-DIMETHYL-1-TRIAZENO)PHENYL)UREA * UREA, (4-(3,3-DIMETHYL-1-TRIAZENYL)PHENYL)
MUTATION DATA AND REFERENCES:
mma-sat 3 umol/L JMCMAR 22,473,79

UREA, (3-(3,3-DIMETHYL-1-TRIAZENYL)PHENYL)- see: YT1525000
UREA, (4-(3,3-DIMETHYL-1-TRIAZENYL)PHENYL)- see: YT1525050
UREA, N,N-DIMETHYL-N'-(3-(TRIFLUOROMETHYL)PHENYL)- see: YT1575000

YT1575000 UREA, 1,1-DIMETHYL-3-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL)-
UPDT:8412 CAS: 2164-17-2 MW: 232.23 MOLFM: C10-H11-F3-N2-O
SYN: C 2059 * CIBA 2059 * COTTONEX * COTORAN * COTORAN MULTI 50WP * 1,1-DIMETHYL-3-(3-TRIFLUOROMETHYLPHENYL)UREA * 1,1-DIMETHYL-3-(alpha,alpha,alpha-TRIFLUORO-m-TOLYL) UREA * FLUOMETURON * HERBICIDE C 2059 * LANEX * NCI-C08695 * PAKHTARAN * N-(m-TRIFLUOROMETHYLPHENYL)-N',N'-DIMETHYLUREA * N-(3-TRIFLUOROMETHYLPHENYL)-N,N-DIMETHYLUREA * 3-(m-TRIFLUOROMETHYLPHENYL)-1,1-DIMETHYLUREA * UREA, N,N-DIMETHYL-N'-(3-(TRIFLUOROMETHYL)PHENYL)
MUTATION DATA AND REFERENCES:
mma-sat 1 ug/plate MUREAV 58,353,78
otr-rat:emb 56 ug/plate JJATDK 1,190,81
dni-mus-orl 1 gm/kg MUREAV 58,353,78
TUMORIGENIC DATA AND REFERENCES:
3V01L60P61 orl-mus TDLo:87 gm/kg/2Y-C NCITR* NCI-CG-TR-195,80
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8900 mg/kg FMCHA2 -,C107,83
orl-mus LD50:900 mg/kg CIGET* -,-,77
unk-mus LD50:850 mg/kg 30ZDA9 -,233,71
* orl-rbt LD50:2500 mg/kg 85GMAT -116,,82
* orl-gpg LD50:810 mg/kg 85GMAT -,116,82
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 30,245,83
STATUS:
★ CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE (NCITR* NCI-CG-TR-195,80)
★ CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:RAT (NCITR* NCI-CG-TR-195,80)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT1576000 UREA, (2,2-DIMETHYLVALERYL)-
UPDT:8306 CAS: 13146-45-7 MW: 172.26 MOLFM: C8-H16-N2-O2
SYN: (2,2-DIMETHYLVALERYL)UREA * UREIDE DIMETHYLVALERIANIQUE (French)
TOXICITY DATA AND REFERENCES:
1F12 orl-mus LD50:650 mg/kg CHTPBA 1,415,66

UREA DIOXIDE see: YT4850000

YT2050000 UREA, 1,1'-DIPHENYLMETHYLENEBIS(3-(2-CHLOROETHYL)-3-NITROSO-
UPDT:8401 CAS: 68060-50-4 MW: 467.35 MOLFM: C19-H20-Cl2-N6-O4
SYN: 1,3-BIS(2-CHLOROETHYL)-1-NITROSOUREA-DIPHENYLMETHANE * 1,1'-DIPHENYLMETHYLENEBIS(3-(2-CHLOROETHYL)-3-NITROSOUREA)
MUTATION DATA AND REFERENCES:
sln-dmg-orl 100 umol/L MUREAV 57,297,78
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

UREA, 1,3-DIPHENYL-2-THIO- see: FE1225000
UREA, 1,3-DIQUINOLIN-6-YL-, BISMETHOSULFATE see: VC4022500

YT2150000 UREA, 1,1'-DITHIODIETHYLENEBIS(3-(2-CHLOROETHYL)-3-NITROSO-
UPDT:8311 CAS: 77456-14-5 MW: 421.36 MOLFM: C10-H18-Cl2-N6-O4-S2
SYN: CNCC * DI((CHLORO-2-ETHYL)-2-N-NITROSO-N-CARBAMOYL)-N,N-CYSTAMINE * 1,1'-DITHIODIETHYLENEBIS(3-(2-(CHLOROETHYL)-3-NITROSOUREA * ICIG 1325
MUTATION DATA AND REFERENCES:
mma-sat 200 ug/plate INSSDM 19,165,81
mma-sat 200 ug/plate INSSDM 19,165,81
oms-mus:oth 20 mg/L INSSDM 19,229,81
TOXICITY DATA AND REFERENCES:
1V30 orl-mus LD50:280 mg/kg INSSDM 19,123,81
1V30 ipr-mus LD50:75 mg/kg INSSDM 19,123,81

YT2150100 UREA, 1,1'-DITHIODIETHYLENEBIS(3-(2-CHLOROETHYL)-3-NITROSO-, (-)-
UPDT:8311 MW: 421.36 MOLFM: C10-H18-Cl2-N6-O4-S2
SYN: l-1,1'-DITHIODIETHYLENEBIS(3-(2-CHLOROETHYL)-3-NITROSOUREA) * ICIG 1725
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:28 mgkg INSSDM 19,123,81

YT2275000 UREA, (p-ETHOXYPHENYL)-
UPDT:8401 CAS: 150-69-6 MW: 180.23 MOLFM: C9-H12-N2-O2
SYN: p-AETHOXYPHENYLHARNSTOFF (German) * DULCIN * DULCINE * N-(4-ETHOXYPHENYL)UREA * p-ETHOXYPHENYLUREA * 4-ETHOXYPHENYLUREA * NCI-C02073 * p-PHENETOLCARBAMID (German) * PHENETOLCARBAMIDE * p-PHENETOLCARBAMIDE * p-PHENETOLECARBAMIDE * PHENETHYLCARBAMID (German) * p-PHENETYLUREA * SUCROL * SUESSTOFF * VALZIN
TUMORIGENIC DATA AND REFERENCES:
2V03P62 orl-rat TDLo:232 gm/kg/59W-C JAPMA8 40,583,51
TOXICITY DATA AND REFERENCES:
3F07F08F17 orl-wmn TDLo:600 mg/kg MEKLA7 43,105,48
orl-chd LDLo:400 mg/kg MEKLA7 43,105,48
orl-rat LD50:1900 mg/kg NCIMR* NIH-71-E-2144
orl-dog LDLo:1000 mg/kg HBAMAK 4,1345,35
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: IDJOAS 23(2),328,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT2335000 UREA, ETHYL-
UPDT:8406 CAS: 625-52-5 MW: 88.13 MOLFM: C3-H8-N2-O
SYN: ETHYLUREA * N-ETHYLUREA * 1-ETHYLUREA * UREA, 1-ETHYL-
MUTATION DATA AND REFERENCES:
mmo-clr 400 mmol/L FOMIAZ 20,452,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T26 orl-mus TDLo:2 gm/kg (10D preg) TJADAB 23,335,81
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA, 1-ETHYL- see: YT2335000
UREA, 1-ETHYLAMIDINO-3-(2-ETHYL-6-METHYLPHENYL)-, HYDROCHLORIDE see: YT2345000
UREA, 1-ETHYLAMIDINO-3-(2-METHOXY-6-METHYLPHENYL)-, HYDROCHLORIDE see: YT2345400
UREA, 1-ETHYLAMIDINO-3-(o-TOLYL)-, HYDROCHLORIDE see: YT2345600

YT2345000 UREA, N-((ETHYLAMINO)IMINOMETHYL)-N'-(2-ETHYL-6-METHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65009-26-9 MW: 284.83 MOLFM: C13-H20-N4-O Cl-H
SYN: 1-ETHYLAMIDINO-3-(2-ETHYL-6-METHYLPHENYL)-UREA HYDROCHLORIDE * N-((ETHYLAMINO)IMINOMETHYL)-N'-(2-ETHYL-6-METHYLPHENYL)UREA HYDROCHLORIDE * UREA, 1-ETHYLAMIDINO-3-(2-ETHYL-6-METHYLPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:90 mg/kg ARZNAD 28,1435,78

YT2345400 UREA, N-((ETHYLAMINO)IMINOMETHYL)-N'-(2-METHOXY-6-METHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65009-33-8 MW: 286.80 MOLFM: C12-H18-N4-O2 Cl-H
SYN: 1-ETHYLAMIDINO-3-(2-METHOXY-6-METHYLPHENYL)-UREA HYDROCHLORIDE * N-((ETHYLAMINO)IMINOMETHYL)-N'-(2-METHOXY-6-METHYLPHENYL)UREA HYDROCHLORIDE * UREA, 1-ETHYLAMIDINO-3-(2-METHOXY-6-METHYLPHENYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:75 mg/kg ARZNAD 28,1435,78

YT2345600 UREA, N-((ETHYLAMINO)IMINOMETHYL)-N'-(2-METHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-54-2 MW: 256.77 MOLFM: C11-H16-N4-O Cl-H
SYN: N-((ETHYLAMINO)IMINOMETHYL)-N'-(2-METHYLPHENYL)-UREA HYDROCHLORIDE * UREA, 1-ETHYLAMIDINO-3-(o-TOLYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:250 mg/kg ARZNAD 28,1435,78

UREA, 1-(2-ETHYL-1H-BENZIMIDAZOL-5-YL)-2-THIO-3-p-TOLYL- see: XN9451300 THIOUREA, N-(2-ETHYL-1H-BENZIMIDAZOL-5-YL)-N'-p-TOLYL-
UREA, (2-ETHYLCROTONOYL)-, cis- see: YT2800000

YT2700000 UREA, 1-(2-ETHYLCROTONOYL)-, trans-
UPDT:8305 CAS: 2884-67-5 MW: 156.21 MOLFM: C7-H12-N2-O2
SYN: trans-1-(2-ETHYLCROTONOYL)UREA * 2-ETHYL-trans-CROTONYLUREA * MA-117
TOXICITY DATA AND REFERENCES:
3F07F11F25 orl-rat LD50:1130 mg/kg AIPTAK 114,418,58
2F07F11 ipr-rat LD50:575 mg/kg AIPTAK 114,418,58
* orl-mus LD50:1280 mg/kg FRPSAX 14,845,59
3F07F25K13 orl-dog LD50:1100 mg/kg AIPTAK 114,418,58

YT2800000 UREA, (2-ETHYLCROTONOYL)-, (Z)-
UPDT:8403 CAS: 95-04-5 MW: 156.21 MOLFM: C7-H12-N2-O2
SYN: A18285 * ACTIME * ASTYN * (Z)-N-(AMINOCARBONYL)-2-ETHYL-2-BUTENAMIDE * CRONIL * CROTURAL * DISTESOL * DISTESSOL * ECTIDA * ECTILUREA * ECTON * ECTYDA * ECTYLCARBAMIDE * ECTYLUREA * ECTYN * EKTYL * EKTYLCARBAMID * 2-ETHYL-cis-CROTONYLUREA * (alpha-ETHYLCROTONYL)CARBAMIDE * (alpha-ETHYL-cis-CROTONYL)CARBAMIDE * (alpha-ETHYLCROTONYL)UREA * cis-(2-ETHYLCROTONYL) UREA * 2-ETHYLCROTONYLUREA * EUPLACID * LEVANIL * LEVIL * MA 110 * NASTYN * NEOCROSEDIN * NESTYN * NEUROPROCIN * NOSTAL * NOSTIN * NOSTYN * PACETYN * SEDAREX * TRANZER * U 8771 * UREA, (2-ETHYLCROTONOYL)-, cis-
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2500 mg/kg MEIEDD 10,507,83
ipr-rat LD50:900 mg/kg FEPRA7 12,357,53

*	orl-mus LD50:2500 mg/kg	FRPSAX 14,845,59
	ipr-mus LD50:1780 mg/kg	27ZQAG -,425,72
3F07F25K13	orl-dog LD50:2800 mg/kg	AIPTAK 114,418,58
	ipr-dog LD50:900 mg/kg	FEPRA7 12,357,53
	orl-rbt LD50:1200 mg/kg	27ZQAG -,425,72
	ipr-rbt LD50:1400 mg/kg	FEPRA7 12,357,53
	ipr-gpg LD50:1100 mg/kg	FEPRA7 12,357,53

UREA, 1,3-ETHYLENE- see: NJ0570000

YT2862000 UREA, 1,1'-ETHYLENEBIS(1-NITROSO-

UPDT:8405 MW: 204.18 MOLFM: C4-H8-N6-O4

SYN: 1,1'-ETHYLENE-BIS(1-NITROSOUREA)

MUTATION DATA AND REFERENCES:

mmo-esc 500 umol/L	GANNA2 71,674,80
dnr-esc 1 mmol/L	GANNA2 71,674,80
dnd-esc 10 mmol/L	GANNA2 71,674,80
dnd-mus:leu 5 gm/L	GANNA2 69,649,78
cyt-ham:fbr 5 mg/L/24H	MUREAV 48,337,77
cyt-ham:lng 4600 ug/L	GMCRDC 27,95,81
dnd-mam:lym 100 umol/L	GANNA2 70,693,79

YT2865000 UREA, 1,1'-ETHYLENEBIS(2-THIO-, and SODIUM NITRITE (1:1)

UPDT:8303 MW: 247.30 MOLFM: C4-H10-N4-S2 N-Na-O2

SYN: ETHYLENEBIS(THIOUREA) and SODIUM NITRITE (1:1) * SODIUM NITRITE and ETHYLENEBIS(THIOUREA) (1:1)

MUTATION DATA AND REFERENCES:

hma-mus/sat 7250 nmol/kg	CNREA8 37,4572,77

UREA, 1,3-ETHYLENE-2-THIO- see: NI9625000

YT2882000 UREA, N-ETHYL-N'-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)-

UPDT:8403 CAS: 39617-71-5 MW: 295.43 MOLFM: C15-H25-N3-O3

SYN: N-ETHYL-N'-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)UREA

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:58 mg/kg	PHARAT 30,638,75

UREA, 1-ETHYLMETHYLAMIDINO-3-(2-ETHYL-6-METHYLPHENYL)-, HYDROCHLORIDE see: YT2926000

UREA, 1-ETHYL-3-METHYLAMIDINO-1-(2,6-XYLYL)-, HYDROCHLORIDE see: YT1458600

UREA, 1-ETHYLMETHYLAMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE see: YT1458700

YT2926000 UREA, N-((ETHYLMETHYLAMINO)IMINOMETHYL)-N'-(2-ETHYL-6-METHYLPHENYL)-, MONOHYDROCHLORIDE

UPDT:8312 CAS: 68656-99-5 MW: 298.86 MOLFM: C14-H22-N4-O Cl-H

SYN: 1-ETHYLMETHYLAMIDINO-3-(2-ETHYL-6-METHYLPHENYL)-UREA HYDROCHLORIDE * N-((ETHYLMETHYLAMINO)IMINOMETHYL)-N'-(2-ETHYL-6-METHYLPHENYL)UREA HYDROCHLORIDE * UREA, 1-ETHYLMETHYLAMIDINO-3-(2-ETHYL-6-METHYLPHENYL)-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:90 mg/kg	ARZNAD 28,1435,78

YT2930000 UREA, (2-ETHYL-2-METHYLHEXANOYL)-

UPDT:8306 CAS: 13132-01-9 MW: 200.32 MOLFM: C10-H20-N2-O2

SYN: (2-ETHYL-2-METHYLHEXANOYL)UREA * UREIDE METHYLETHYLCAPROIQUE (French)

TOXICITY DATA AND REFERENCES:

1F12	orl-mus LD50:1300 mg/kg	CHTPBA 1,415,66

YT2935000 UREA, N-(2-ETHYL-6-METHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, MONOHYDROCHLORIDE

UPDT:8312 CAS: 65009-49-6 MW: 270.80 MOLFM: C12-H18-N4-O Cl-H

SYN: N-(2-ETHYL-6-METHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)UREA HYDROCHLORIDE * 1-(2-ETHYL-6-METHYLPHENYL)-3-METHYLAMIDINO-UREA HYDROCHLORIDE * UREA, 1-(2-ETHYL-6-METHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:222 mg/kg	ARZNAD 28,1435,78

UREA, 1-(2-ETHYL-6-METHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE see: YT2935000

YT3150000 UREA, 1-ETHYL-1-NITROSO-

UPDT:8412 CAS: 759-73-9 MW: 117.13 MOLFM: C3-H7-N3-O2

SYN: AENH (German) * AETHYLNITROSO-HARNSTOFF (German) * CARBAMIDE, N-ETHYL-N-NITROSO- * ENU * ETHYLNITROSOUREA * N-ETHYLNITROSOUREA * N-ETHYL-N-NITROSO-UREA * 1-ETHYL-1-NITROSOUREA * NEU * NITROSOETHYLUREA * NSC 45403 * RCRA WASTE NUMBER U176

MUTATION DATA AND REFERENCES:

mmo-sat 250 ug/plate	JJIND8 62,893,79
mma-sat 100 ug/plate	PNASA6 72,5135,75
pic-sat 25 umol/L	MOPMA3 10,640,74
mmo-esc 2600 umol/L/10	MUREAV 43,11,77
dnr-esc 250 ug/disc	JJIND8 62,873,79
mrc-esc 1 ug/well	MUREAV 46,53,77
dnd-esc 1800 umol/L	EJBCAI 56,433,75
dns-esc 8 mmol/L	ZKKOBW 92,177,78
pic-esc 25 mmol/L	MGGEAE 145,219,76
mmo-omi 10 ng/disc	ISGEAK 8,82,79
mmo-omi 1 pph	SOGEBZ 7,948,71
mmo-omi 1200 ppm	MZHUDX 44(5),32,82
mmo-omi 100 mmol/L	MUREAV 7,1,69
mmo-omi 1500 mg/L	MUREAV 16,265,72
mmo-omi 4 mmol/L	MUREAV 16,141,72
dnd-omi 10 gm/L	CRNGDP 2,363,81
dnd-omi 250 mg/L	CBINA8 13,151,76
pic-omi 100 mmol/L	MUREAV 36,265,76
slt-dmg-ihl 3 mg/L	GNKAAS 4(9),47,68
slt-dmg-mul 300 umol/L	MUREAV 122,123,83
sln-dmg-orl 30 umol/L	ENMUDM 6,483,84
sln-dmg-par 5 mmol/L	FOBLAN 16,230,70
sln-dmg-ihl 16 mg/L/47H	SOGEBZ 10,1172,74
dlt-dmg-ihl 16 mg/L/47H	SOGEBZ 10,1172,74
mmo-nsc 1 mmol/L	MUREAV 125,43,84
mrc-smc 4000 ppm	JJIND8 62,901,79
mmo-clr 5 mmol/L	FOMIAZ 20,452,75
dnd-sal:spr 2600 umol/L	CRNGDP 5,155,84
dnd-hmn:fbr 1500 ug/L	NATUAS 276,85,78
dnd-hmn:hla 20 mg	BICHAW 14,1795,75
dnd-hmn:lym 1 mmol/L	JACTDZ 1(3),125,82
dns-hmn:lvr 350 umol/L	CNREA8 43,5846,83
dns-hmn:hla 1 mmol/L	CNREA8 38,2621,78
dns-hmn:oth 25 umol/L	CNREA8 43,5846,83
dns-hmn:oth 25 umol/L	CNREA8 43,5846,83
dns-hmn:oth 350 umol/L	CNREA8 43,5846,83
dni-hmn:hla 100 umol/L	MUREAV 92,427,82
cyt-hmn:fbr 100 umol/L/1H	MUREAV 34,415,76
cyt-hmn:lym 25 ug/L	HUMAA7 29,319,75
sce-hmn:fbr 100 umol/L	NATUAS 265,347,77
msc-hmn:fbr 2 mmol/L	MUREAV 125,95,84
otr-rat-par 10 ng/kg	CNREA8 43,709,83
dnd-rat:lvr 2 mmol/L	CBINA8 46,165,83
dnd-rat-ipr 50 mg/kg	CNREA8 38,1589,78
dnd-rat-ivn 50 mg/kg	CNREA8 38,1589,78
dnd-rat:fbr 1700 umol/L	DABBBA 39,5889,79
dnd-rat-orl 300 mg/kg/2D-I	PAACA3 14,28,73
dnd-rat:oth 150 mg/L	NATUAS 276,85,78
dns-rat:oth 100 mmol/L	CNREA8 40,2898,80
dns-rat:spr 1 mmol/L	ENMUDM 6,273,84
dns-rat:oth 1 mmol/L	PPTCBY 10,215,80
oms-rat-par 100 mg/kg	ZKKOBW 79,255,73
cyt-rat-ipr 100 mg/kg	HUMAA7 29,319,75
sce-rat:oth 100 umol/L	CNREA8 43,473,83
slt-mus-ipr 250 mg/kg	PNASA6 76,5818,79
dnd-mus-ipr 2 mmol/kg	33AQAA -,165,76
dns-mus:oth 1 mmol/L	PPTCBY 10,215,80
dns-mus:oth 320 umol/L	PPTCBY 10,215,80
cyt-mus-ipr 100 mg/kg	HUMAA7 29,319,75
sce-mus-ipr 120 mg/kg	JTEHD6 11,337,83
msc-mus-ipr 30 mg/kg	MUREAV 113,455,83
msc-mus:lym 200 umol/L	MUREAV 110,147,83
hma-mus/sat 12 mg/kg	JJIND8 62,911,79
spm-mus-ipr 50 mg/kg	MUREAV 108,337,83
otr-ham-ipr 200 mg/kg	ARPAAQ 95,380,73
otr-ham:emb 500 ug/L	IJCNAW 19,642,77
otr-ham:kdy 250 ug/L	TXCYAC 19,55,81
dnd-ham:lng 300 umol/L/1H	BBRCA9 72,732,76
dnd-ham:ovr 5 mmol/L	CBINA8 26,233,79
dns-ham:oth 1 mmol/L	PPTCBY 10,215,80
dns-ham:oth 320 umol/L	PPTCBY 10,215,80
cyt-ham:fbr 125 mg/L/48H	MUREAV 48,337,77
cyt-ham:lng 1 mg/L	AMONDS 3,253,80
sce-ham:lng 10 umol/L	IAPUDO 31,685,80
sce-ham:ovr 1500 umol/L	ENMUDM 4,346,82
msc-ham:ovr 20 umol/L/2H	CBINA8 26,233,79
msc-ham:lng 500 umol/L/1H	MUREAV 111,341,83
dns-gpg:oth 1 mmol/L	PPTCBY 10,215,80
dns-gpg:oth 10 mmol/L	PPTCBY 10,215,80
dnd-mam:lym 100 umol/L	GANNA2 70,693,79
oms-mam:lym 1 mmol/L	CBINA8 46,179,83
dns-pig:oth 320 umol/L	PPTCBY 10,215,80
dns-pig:oth 3200 umol/L	PPTCBY 10,215,80
dns-ctl:oth 320 umol/L	PPTCBY 10,215,80
dns-ctl:oth 3200 umol/L	PPTCBY 10,215,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T13T34	orl-rat TDLo:440 mg/kg (7-17D preg)	OYYAA2 23,981,82
3T25T35T59	orl-rat TDLo:125 mg/kg (7-16D preg)	RCOCB8 41,265,83
2T26T53	orl-rat TDLo:150 mg/kg (7-16D preg)	RCOCB8 41,265,83
2T41T42	orl-rat TDLo:100 mg/kg (7-16D preg)	RCOCB8 41,265,83
2T31T34	orl-rat TDLo:75 mg/kg (7-16D preg)	RCOCB8 41,265,83
2T35T41	ipr-rat TDLo:20 mg/kg (9D preg)	IARCCD 41,112,73
2T81T85	ipr-rat TDLo:15 mg/kg (18D preg)	NETOD7 2,297,80
1T33	ipr-rat TDLo:40 mg/kg (15D preg)	EXPEAM 33,521,77
3T41T71T75	ipr-rat TDLo:15 mg/kg (18D preg)	CNREA8 38,1263,78
2T72T76	ipr-rat TDLo:60 mg/kg (18D preg)	CNREA8 38,1263,78
3T25T34T35	ivn-rat TDLo:30 mg/kg (8D preg)	NAGZAC 55,60,80
3T41T76T81	ivn-rat TDLo:80 mg/kg (12D preg)	IARCCD 4,127,73
1T46	ivn-rat TDLo:80 mg/kg (15D preg)	NATUAS 210,1378,66
1T83	ivn-rat TDLo:50 mg/kg (20D preg)	JONRA9 29,771,77
2T34T41	ivn-rat TDLo:20 mg/kg (9D preg)	SEIJBO 19,81,79
1T31	ivn-rat TDLo:20 mg/kg (4D preg)	IARCCD 4,1,75
3T35T41T42	par-rat TDLo:20 mg/kg (9D preg)	IARCCD 4,112,73
3T26T42T46	unk-rat TDLo:30 mg/kg (9D preg)	NAGZAC 53,56,78
2T25T41	unk-rat TDLo:20 mg/kg (9D preg)	NAGZAC 53,45,78
2T43T47	unk-rat TDLo:40 mg/kg (9D preg)	NAGZAC 53,45,78
1T53	unk-rat TDLo:100 mg/kg (12D preg)	NAGZAC 53,45,78
2T01T02	ipr-mus TDLo:50 mg/kg (1D male)	TOLED5 17,77,83
3T25T35T41	ipr-mus TDLo:58500 ug/kg (8D preg)	CNREA8 34,151,74
3T42T45T46	ipr-mus TDLo:58500 ug/kg (8D preg)	CNREA8 34,151,74
1T46	ipr-mus TDLo:25 mg/kg (10D preg)	MUREAV 92,193,82
1T76	ipr-mus TDLo:75 mg/kg (9D preg)	MUREAV 92,193,82
2T33T82	scu-mus TDLo:351 mg/kg (6-16D preg)	TCMUD8 3,219,83
1T83	ivn-mus TDLo:80 mg/kg (15D preg)	EXPTAX 15,105,78
2T41T91	ivn-mus TDLo:80 mg/kg (15D preg)	NUPOBT 14,115,76
1T41	par-mus TDLo:80 mg/kg (15D preg)	43XWAI -,30,78
1T29	unk-mus TDLo:30 mg/kg (9D preg)	PCBRD2 109,339,82
3T71T81T86	ipr-rbt TDLo:100 mg/kg (18-27D preg)	JJIND8 65,607,80
3T42T41T43	ipr-ham TDLo:58565 ug/kg (8D preg)	CNREA8 29,1151,69
3T47T46T25	ipr-ham TDLo:58565 ug/kg (8D preg)	CNREA8 29,1151,69

TUMORIGENIC DATA AND REFERENCES:

3V01T65A60	orl-rat TDLo:10 mg/kg (19D preg)	CALEDQ 2,93,76
3V01K60P61	orl-rat TDLo:910 mg/kg/22W-I	JJIND8 62,1523,79
3V03T65A60	skn-rat TDLo:350 mg/kg (16-22D preg)	ZKKOBW 81,169,74
3V01T65R60	ipr-rat TDLo:10 mg/kg (15D preg)	SCIEAS 218,682,82
3V03A60T63	ipr-rat TDLo:20 mg/kg	ANRSAS 55,85,77
2V03R60	scu-rat TDLo:40 mg/kg	JJIND8 72,715,84
3V03A60C60	ivn-rat TDLo:20 mg/kg	ZEKBAI 74,141,70
3V01T65A60	ivn-rat TDLo:50 mg/kg (15D preg)	ZEKBAI 73,371,70
3V03T65A60	unk-rat TDLo:5 mg/kg (13D preg)	XENOBH 3,271,73
2V02J60	orl-mus TDLo:20 mg/kg/24W-I	TXAPA9 72,313,84
2V01R60	skn-mus TDLo:375 mg/kg/40W-I	JCROD7 102,13,81
3V01T65J60	ipr-mus TDLo:20 mg/kg (19D preg)	VOONAW 23(3),41,77
3V01J60T65	ipr-mus TDLo:20 mg/kg (19D preg)	VOONAW 23(3),41,77
3V02J60P62	ipr-mus TDLo:234 mg/kg	CBINA8 3,117,71
3V03T65J60	par-mus TDLo:100 mg/kg (18D preg)	PAACA3 17,122,76
3V01T65P61	par-mus TDLo:58565 ug/kg (18D preg)	JNCIAM 51,1965,73
3V03T65A60	ipr-dog TDLo:100 mg/kg (53D preg)	CALEDQ 12,161,81
3V03N60T65	ivn-dog TDLo:30 mg/kg (59D preg)	ZAPPAN 121,54,77
3V03H60N62	ivn-mky TDLo:610 mg/kg/2Y-I	PAACA3 18,53,77
3V02T65M61	ipr-rbt TDLo:100 mg/kg (15-24D preg)	JJIND8 65,607,80
3V02T65M61	ivn-rbt TDLo:80 mg/kg (25D preg)	BEXBAN 85,369,78
3V03M61T65	par-rbt TDLo:160 mg/kg (25D preg)	ZAPPAN 121,54,77
3V03T65R60	ivn-pig TDLo:120 mg/kg (20-31D preg)	ARGEAR 34,25,69
3V03T65A60	orl-ham TDLo:60 mg/kg (11D preg)	ZEKBAI 71,320,68
2V02R60	skn-ham TDLo:107 mg/kg/20W-C	ZKKOBW 90,233,77
3V02T65R60	ipr-ham TDLo:800 mg/kg (16D preg)	ZKKOBW 90,233,77
3V02K60L60	ipr-ham TDLo:274 mg/kg	CNREA8 43,829,83
3V03N60T65	ivn-ham TDLo:80 mg/kg (15D preg)	ZAPPAN 121,54,77
3V02T65A60	ipr-rat TD :40 mg/kg (16D preg)	IJCNAW 19,240,77
2V02P62	ipr-mus TD :240 mg/kg	BIJOAK 174,1031,78
3V03G60K60	orl-rat TD :180 mg/kg	ANYAA9 381,250,82
3V03K60P61	orl-rat TD :520 mg/kg/52W-I	27NZAH 2,73,72
3V03T65A60	ivn-rat TD :20 mg/kg (18D preg)	NAGZAC 54,130,79
2V02P62	ipr-mus TD :240 mg/kg	BIJOAK 174,1031,78
3V03T65A60	ivn-rbt TD :150 mg/kg (8-10D preg)	ZKKOBW 89,331,77
3V03T65A60	ivn-rat TD :10 mg/kg (16D preg)	ANPTAL 34,21,76

3V03T65A60	ivn-rat TD :20 mg/kg (17D preg)	CALEDQ 1,345,76
3V03T65M61	ivn-rbt TD :70 mg/kg (25D preg)	NEOLA4 25,453,78

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:300 mg/kg	27NZAH 2,73,72
	scu-rat LD50:240 mg/kg	ZEKBAI 74,141,70
	ivn-rat LD50:240 mg/kg	NATUAS 222,1064,69
*	ipr-mus LD50:600 mg/kg	JJIND8 62,911,79

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: 32XPAD -,49,75; INTEAG 15(1),7,74

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 17,191,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 1,135,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 17,191,78

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA, N-ETHYL-N'-(5-NITRO-2-THIAZOLYL)- see: YT3500000

YT3500000 UREA, 1-ETHYL-3-(5-NITRO-2-THIAZOLYL)-

UPDT:8412 CAS: 139-94-6 MW: 216.24 MOLFM: C6-H8-N4-O3-S

SYN: N-ETHYL-N'-(5-NITRO-2-THIAZOLYL)UREA * 1-ETHYL-3-(5-NITRO-2-THIAZOLYL) UREA * HEPZIDE * HEPZIDE 30 * NCI-C03792 * NITHIAZID * NITHIAZIDE * UREA, N-ETHYL-N'-(5-NITRO-2-THIAZOLYL)-

MUTATION DATA AND REFERENCES:

	mmo-sat 75 ug/plate	ENMUDM 5(Suppl 1),3,83
	mma-sat 75 ug/plate	ENMUDM 5(Suppl 1),3,83

TUMORIGENIC DATA AND REFERENCES:

2V01R60	orl-rat TDLo:41 gm/kg/94W-I	NCITR* NCI-CG-TR-146,79
2V01L60	orl-mus TDLo:395 gm/kg/94W-I	NCITR* NCI-CG-TR-146,79

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:2150 mg/kg	NCILB* NCI-E-C-72-3252

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED	IARC** 31,179,83

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-146,79)
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT3610000 UREA, 1-ETHYL-3-((1-PHENYLIMIDAZOL-2-YLTHIO)ACETYL)-

UPDT:8312 CAS: 60176-50-3 MW: 304.40 MOLFM: C14-H16-N4-O2-S

SYN: ACETAMIDE, N-((ETHYLAMINO)CARBONYL)-2-((1-PHENYL-1H-IMIDAZOL-2-YL)THIO)- * 1-ETHYL-3-((1-PHENYLIMIDAZOL-2-YLTHIO)ACETYL)UREA

TOXICITY DATA AND REFERENCES:

1F02	ipr-mus LD50:1000 mg/kg	JPMSAE 65,1010,76

YT3648000 UREA, ETHYL- and SODIUM NITRITE (1:1)

UPDT:8405 MW: 157.13 MOLFM: C3-H8-N2-O .N-Na-O2

SYN: ETHYLUREA and SODIUM NITRITE (1:1) * SODIUM NITRITE and ETHYL UREA (1:1)

MUTATION DATA AND REFERENCES:

	hma-mus/sat 3650 umol/kg	CNREA8 37,4572,77

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T31T34	orl-rat TDLo:875 mg/kg (7-16D preg)	RCOCB8 41,265,83
2T42T46	orl-rat TDLo:900 mg/kg (7-16D preg)	RCOCB8 41,265,83
1T41	orl-rat TDLo:1225 mg/kg (7-16D preg)	RCOCB8 41,265,83
1T59	orl-rat TDLo:1050 mg/kg (7-16D preg)	RCOCB8 41,265,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT3650000 UREA, ETHYL- and SODIUM NITRITE (2:1)

UPDT:8406

SYN: AETHYLHARNSTOFF UND NATRIUMNITRIT (German) * AETHYLHARNSTOFF UND NITRIT (German) * ETHYLUREA and SODIUM NITRITE (2:1) * SODIUM NITRITE and ETHYLUREA (1:2)

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T35T41T42	orl-rat TDLo:100 mg/kg (9-10D preg)	IARCCD 4,112,73
1T81	orl-rat TDLo:22274 mg/kg (1-22D preg/21D post)	FCTXAV 15,283,77

TUMORIGFNIC DATA AND REFERENCES:

3V01T65A60	orl-rat TDLo:1650 mg/kg (13-23D preg)	IARCCD 4,92,73
3V02A60T65	orl-rat TDLo:750 mg/kg (15D preg)	ZAPPAN 121,61,77
3V03T65M61	orl-rbt TDLo:450 mg/kg (17-19D preg)	JNCIAM 59,427,77
3V01T65B60	orl-ham TDLo:300 mg/kg (15D preg)	JNCIAM 55,1389,75
3V03T65A60	orl-rat TD :1650 mg/kg (13-23D preg)	NATWAY 57,460,70
2V03M61	orl-rat TD :25 gm/kg/35D-C	ARZNAD 21,1707,71
3V02T65C18	orl-ham TD :600 mg/kg (12-15D preg)	ZKKOBW 85,201,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT3860500 UREA, 1-ETHYL-3-((1-(2,6-XYLYL)IMIDAZOL-2-YLTHIO)ACETYL)-

UPDT:8312 CAS: 60176-46-7 MW: 332.46 MOLFM: C16-H20-N4-O2-S

SYN: ACETAMIDE, 2-((1-(2,6-DIMETHYLPHENYL)-1H-IMIDAZOL-2-YL)THIO)-N-((ETHYLAMINO)CARBONYL)- * 1-ETHYL-3-((1-(2,6-XYLYL)IMIDAZOL-2-YLTHIO)ACETYL)UREA

TOXICITY DATA AND REFERENCES:

1F02	ipr-mus LD50:1000 mg/kg	JPMSAE 65,1010,76

UREA, N-(FLUOROACETYL)-N'-PHENYL- see: YT3880000

YT3880000 UREA, 1-(FLUOROACETYL)-3-PHENYL-

UPDT:8309 CAS: 1737-17-3 MW: 196.20 MOLFM: C9-H9-F-N2-O2

SYN: ENT 27,182 * N-(FLUOROACETYL)-N'-PHENYLUREA * HOECHST 2813 * HOSTACHEM HOE-2813 * UREA, N-(FLUOROACETYL)-N'-PHENYL-

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:25 mg/kg	ARSIM* 20,13,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT3937000 UREA, 1-(2-FLUOROETHYL)-1-NITROSO-

UPDT:8303 MW: 135.12 MOLFM: C3-H6-F-N3-O2

SYN: 1-(2-FLUOROETHYL)-1-NITROSO-UREA * NITROSOFLUOROETHYLUREA

MUTATION DATA AND REFERENCES:

	mmo-sat 1 ug/plate	MUREAV 68,1,79

TUMORIGENIC DATA AND REFERENCES:

2V01R60	skn-mus TDLo:108 mg/kg/50W-I	JCROD7 102,13,81
2V03R60	skn-mus TD :216 mg/kg/50W-I	JCROD7 102,13,81

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT3980000 UREA, 1-(p-FLUOROPHENYL)-

UPDT:8402 CAS: 659-30-3 MW: 154.16 MOLFM: C7-H7-F-N2-O

SYN: 1-(p-FLUOROPHENYL)UREA * (4-FLUOROPHENYL)UREA

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:2500 mg/kg	APFRAD 40,339,82
*	ipr-mus LD50:1020 mg/kg	APFRAD 40,339,82

YT3983000 UREA, 1-(p-FLUOROPHENYL)-3-METHYL-

UPDT:8402 CAS: 772-55-4 MW: 168.19 MOLFM: C8-H9-F-N2-O

SYN: 1-(p-FLUOROPHENYL)-3-METHYLUREA * N-(4-FLUOROPHENYL)-N'-METHYLUREA

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:2500 mg/kg	APFRAD 40,339,82

YT4000200 UREA, 1-(p-FLUOROPHENYL)-3-METHYL-3-(TETRAHYDROFURFURYL)-

UPDT:8402 MW: 252.32 MOLFM: C13-H17-F-N2-O2

SYN: 1-(p-FLUOROPHENYL)-3-METHYL-3-(TETRAHYDROFURFURYL)UREA

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:2 gm/kg	APFRAD 40,339,82

YT4000400 UREA, 1-(p-FLUOROPHENYL)-3-(2-THIAZOLYL)-

UPDT:8402 MW: 249.28 MOLFM: C11-H8-F-N3-O-S

SYN: 1-(p-FLUOROPHENYL)-3-(2-THIAZOLYL)UREA

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1500 mg/kg	APFRAD 40,339,82

UREA-FORMALDEHYDE ADDUCT see: YU1610000
UREA-FORMALDEHYDE CONDENSATE see: YU1610000
UREA-FORMALDEHYDE COPOLYMER see: YU1610000
UREA-FORMALDEHYDE OLIGOMER see: YU1610000
UREA-FORMALDEHYDE POLYMER see: YU1610000
UREA-FORMALDEHYDE PRECONDENSATE see: YU1610000
UREA-FORMALDEHYDE PREPOLYMER see: YU1610000
UREA-FORMALDEHYDE RESIN see: YU1610000

YT4379000 UREA, 1-HEPTYL-1-NITROSO-

UPDT:8303 MW: 187.28 MOLFM: C8-H17-N3-O2

SYN: n-HEPTYL NITROSUREA * 1-HEPTYL-1-NITROSOUREA

TUMORIGENIC DATA AND REFERENCES:

3V03A60K60	orl-rat TDLo:600 mg/kg	ANYAA9 381,250,82
3V03G60R60	scu-rat TDLo:650 mg/kg	ANYAA9 381,250,82

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT4400000 UREA, 1-(HEXAHYDRO-1H-AZEPIN-1-YL)-3-(p-TOLYLSULFONYL)-

UPDT:8412 CAS: 1156-19-0 MW: 311.44 MOLFM: C14-H21-N3-O3-S

SYN: BENZENESULFONAMIDE, N-(((HEXAHYDRO-1H-AZEPIN-1-YL)-AMINO)CARBONYL)-4-METHYL- * 1-(HEXAHYDRO-1-AZEPINYL)-3-p-TOLYLSULFONYLUREA * 1-(HEXAHYDRO-1H-AZEPIN-1-YL)-3-(p-TOLYLSULFONYL)UREA * NSC-70762 * NCI-C03327 * TOLAZAMIDE * TOLINASE * N-(p-TOLUENESULFONYL)-N'-HEXAMETHYLENIMINOUREA * 4-(p-TOLYLSULFONYL)-1,1-HEXAMETHYLENESEMICARBAZIDE * U 17835

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1000 mg/kg	JMCMAR 24,1521,81
*	ipr-mus LD50:1000 mg/kg	JMCMAR 24,1521,81

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-51,78)

YT4550000 UREA, 3-(HEXAHYDRO-4,7-METHANOINDAN-5-YL)-1,1-DIMETHYL-

UPDT:8408 CAS: 2163-79-3 MW: 222.37 MOLFM: C13-H22-N2-O

SYN: HERBAN * HERCULES 7531 * 1-(3a,4,5,6,7,7a-HEXAHYDRO-4,7-METHANO-5-INDANYL)-3,3-DIMETHYLUREA * 1-(5-(3a,4,5,6,7,7a-HEXAHYDRO-4,7-METHANOINDANYL))-3,3-DIMETHYLUREA * 3-(HEXAHYDRO-4,7-METHANOINDAN-5-YL)-1,1-DIMETHYLUREA * 3-(5-(3a,4,5,6,7,7a-HEXAHYDRO-4,6-METHANOINDANYL))-1,1-DIMETHYLUREA * NAREA * NOREA * NORES * NORURON * 1-(TETRAHYDRODICYCLOPENTADIENYL)-3,3-DIMETHYLUREA

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:2000 mg/kg	FMCHA2 -,C122,83
	skn-rat LD50:23 gm/kg	PCOC** -,817,66
	orl-mus LD50:4600 mg/kg	PCOC** -,817,66
	orl-dog LD50:3700 mg/kg	PCOC** -,817,66
	skn-rbt LD50:723 mg/kg	28ZEAL 5,167,76

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT4590000 UREA, HEXANITRODIPHENYL-

UPDT:8308

SYN: HEXANITRODIPHENYL UREA (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FORBIDDEN	CFRGBR 49,172.101,82

YT4730000 UREA, N-HEXYL-N'-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)-

UPDT:8403 CAS: 38748-24-2 MW: 351.55 MOLFM: C19-H33-N3-O3

SYN: N-HEXYL-N'-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)UREA

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:44 mg/kg	PHARAT 30,638,75

YT4760000 UREA, 1-HEXYL-1-NITROSO-

UPDT:8401 CAS: 18774-85-1 MW: 173.25 MOLFM: C7-H15-N3-O2

SYN: 1-HEXYL-1-NITROSOUREA * NITROSO-n-HEXYLUREA

MUTATION DATA AND REFERENCES:

	mmo-sat 1 ug/plate	MUREAV 68,1,79

TUMORIGENIC DATA AND REFERENCES:

3V03G60K60	orl-rat TDLo:550 mg/kg	ANYAA9 381,250,82
3V03R60C18	scu-rat TDLo:410 mg/kg	ANYAA9 381,250,82
2V01R60	skn-mus TDLo:693 mg/kg/50W-I	JCROD7 102,13,81

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA HYDROGEN PEROXIDE see: YT4850000

YT4850000 UREA, compd. with HYDROGEN PEROXIDE (1:1)

UPDT:8312 CAS: 124-43-6 MW: 94.09 MOLFM: C-H4-N2-O .H2-O2

SYN: CARBAMIDE PEROXIDE * GLY-OXIDE * HYDROGEN PEROXIDE CARBAMIDE * HYDROGEN PEROXIDE, compd. with UREA (1:1) * HYDROPERIT * HYDROPERITE * HYPEROL * NA 1511 (DOT) * ORTIZON * PERCARBAMID * PERCARBAMIDE * PERHYDRIT * PERHYDROL-UREA * THENARDOL * UN 1511 (DOT) * UREA DIOXIDE * UREA HYDROGEN PEROXIDE * UREA HYDROGEN PEROXIDE (DOT) * UREA HYDROGEN PEROXIDE SALT * UREA HYDROPEROXIDE * UREA PEROXIDE (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE	CFRGBR 49,172.101,82
★ DOT-IMO:OXIDIZER; LABEL:OXIDIZER	CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

UREA HYDROGEN PEROXIDE (DOT) see: YT4850000
UREA HYDROGEN PEROXIDE SALT see: YT4850000
UREA HYDROPEROXIDE see: YT4850000

YT4900000 UREA, HYDROXY-

UPDT:8412 CAS: 127-07-1 MW: 76.07 MOLFM: C-H4-N2-O2

SYN: CARBAMOHYDROXAMIC ACID * CARBAMOHYDROXIMIC ACID * CARBAMOHYDROXYAMIC ACID * CARBAMOYL OXIME * CARBAMYL HYDROXAMATE * HIDRIX * HU * HYDREA * HYDREIA * HYDROXYCARBAMIDE * HYDROXYCARBAMINE * HYDROXYLAMINE, N-(AMINOCARBONYL)- * HYDROXYLAMINE, N-CARBAMOYL- * HYDROXYLUREA * HYDROXYUREA * N-HYDROXYUREA * HYDROXYUREA (D4) * HYDURA * LITALER * LITALIR * NCI-C04831 * NSC 32065 * SQ 1089

IRRITATION DATA AND REFERENCES:

	skn-hmn 218 mg/3W	CTRRDO 63,619,79

MUTATION DATA AND REFERENCES:

	dnd-esc 100 mmol/L	JOBAAY 116,1329,73
	dni-esc 100 mmol/L	JOBAAY 116,1329,73
	pic-esc 1 mmol/L	JJMBAN 19,349,75
	oms-bcs 10 mmol/L	MUREAV 4,517,67
	mrc-omi 75 mmol/L	CNJGA8 22,41,80
	dnd-omi 250 mg/L	MGGEAE 150,301,77
	dnd-omi 50 mg/L	MGGEAE 150,301,77
	dni-omi 10 mmol/L	MUREAV 85,275,81
	dni-omi 500 mg/L	JGMIAN 128,1489,82
	dni-omi 75 mmol/L	GENRA8 31,215,78

	dni-omi 75 mmol/L	GENRA8 31,215,78
	cyt-omi 10 mmol/L	ECREAL 92,435,75
	oms-omi 75 mmol/L	CNJGA8 22,41,80
	dni-smc 75 mmol/L	MGCEAE 140,339,75
	mmo-clr 5 mmol/L	MUREAV 41,217,76
	dni-nml:emb 20 mmol/L	MUREAV 104,125,82
	oms-nml:emb 20 mmol/L	MUREAV 104,125,82
	dni-hmn-orl 50 mg/kg/10H-C	PAACA3 24,262,83
	dni-hmn-unk 25 mg/kg	PAACA3 24,262,83
	oms-hmn:oth 1 mmol/L	CNREA8 39,1952,79
	dni-hmn:oth 1 mmol/L	CNREA8 39,1952,79
	dns-hmn:fbr 10 mmol/L	ENMUDM 4,402,82
	dns-hmn:oth 100 umol/L	CNREA8 39,1952,79
	dni-hmn:oth 10 mmol/L	BBACAQ 696,15,82
	dni-hmn:bmr 1 mmol/L	CNREA8 34,2911,74
	dni-hmn:lym 360 umol/L	TXAPA9 33,38,75
	dni-hmn:hla 1 umol/L/4H	BECTA6 32,220,84
	dni-hmn:fbr 1300 umol/L	TXCYAC 21,151,81
	oms-hmn:lym 12 nmol/L	BCPCA6 17,227,68
	dni-hmn:oth 1 mmol/L	CNREA8 42,84,82
	dni-hmn:oth 50 mg/L	26QZAP 2,395,72
	oms-hmn:oth 50 mg/L	26QZAP 2,395,72
	oms-hmn:lym 80 ug/L	BJCAAI 23,337,69
	oms-hmn:oth 50 mg/L	CNREA8 32,2661,72
	dni-hmn:hla 60 mg/L	JCLLAX 69,331,67
	oms-hmn:hla 60 mg/L	JCLLAX 69,331,69
	dni-hmn:oth 10 mmol/L	MUREAV 140,43,84
	cyt-hmn:hla 1 mmol/L	TXCYAC 9,21,78
	cyt-hmn:leu 333 umol/L/48H	CNREA8 25,980,65
	dnd-rat-ipr 500 mg/kg	ZKKOBW 82,37,74
	dns-rat-ipr 300 mg/kg/8H	EJCAAH 13,1099,77
	dni-rat-ipr 3 ug/kg/2H-I	JONRA9 29,1159,77
	dni-rat-ivn 2940 umol/kg/1H	CNREA8 37,1105,77
	dni-rat:lvr 1 mmol/L	CALEDQ 4,69,78
	mnt-mus-ipr 400 mg/kg	MUREAV 120,127,83
	otr-mus:emb 10 umol/L	NEOLA4 30,295,83
	dnd-mus/mmr 200 mg/kg	CTKIAR 11,279,78
	dnd-mus:emb 40 mg/L	BBRCA9 77,403,77
	dns-mus-ipr 6 gm/kg	CNREA8 35,694,75
	dni-mus:kdy 1 mmol/L	MCEBD4 3,297,83
	dni-mus-ipr 90 gm/L	CNREA8 29,136,69
	dni-mus-ivg 1 pph	JIDEAE 63,279,74
	dni-mus:mmr 5 mmol/L	NARHAD 4,2619,77
	dni-mus:leu 10 mmol/L	CTKIAR 2,193,69
	dni-mus:spr 1 mmol/L/1H-C	MUREAV 80,201,81
	dni-mus:fbr 2 mmol/L	JCLBA3 58,410,73
	dni-mus-ipr 100 mg/kg	CNREA8 28,2217,68
	oms-mus/mmr 200 mg/kg	CTKIAR 11,279,78
	dni-mus:oth 1 mmol/L	BBACAQ 696,52,82
	cyt-mus-ipr 20 mg/kg	DABBBA 39,3688,79
	cyt-mus:emb 50 umol/L	JNCIAM 32,667,64
	spm-mus-ipr 125 mg/kg/5D	PNASA6 72,4425,75
	dni-ham:ovr 100 mg/L	ECREAL 93,275,75
	dni-ham:fbr 10 ug/L	JNCIAM 54,431,75
	dni-ham:lng 200 umol/L	BICMBE 64,809,82
	dni-ham:kdy 13 umol/L	CNREA8 29,209,69
	cyt-ham:lng 500 ug/L	JNCIAM 59,289,77
	cyt-ham:oth 50 umol/L	JNCIAM 32,667,64
	sce-ham:fbr 100 umol/L	IDZAAW 58,369,83
	dni-gpg:oth 5 mmol/L/30M-C	CNREA8 36,1108,76
	dni-gpg:kdy 1 mmol/L	FCTXAV 12,359,74
	dnd-mam:oth 100 umol/L	PAACA3 24,269,83
	dni-mam:lym 10 mmol/L	MUREAV 8,639,69

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T41T42T43	orl-rat TDLo:3 gm/kg (6-15D preg)	ARTODN (Suppl 4),239,80
3T45T47T53	orl-rat TDLo:4500 mg/kg (6-15D preg)	ARTODN (Suppl 4),239,80
2T25T46	orl-rat TDLo:3 gm/kg (6-15D preg)	ARTODN (Suppl 4),239,80
3T42T46T48	orl-rat TDLo:2800 mg/kg (7-20D preg)	CIIT** DOCKET #10992,82
3T33T39T46	ipr-rat TDLo:1 gm/kg (12 preg)	TJADAB 26,71,82
3T42T43T46	ipr-rat TDLo:250 mg/kg (9D preg)	NTIS** AD-A052-002
3T25T34T41	ipr-rat TDLo:250 mg/kg (9D preg)	NTIS** AD-A052-002
2T81T85	ipr-rat TDLo:500 mg/kg (12D preg)	TJADAB 7,161,73
1T53	ipr-rat TDLo:250 mg/kg (9D preg)	NTIS** AD-A052-002
3T25T43T46	scu-rat TDLo:650 mg/kg (12D preg)	ANREAK 193,521,79
2T41T42	par-rat TDLo:150 mg/kg (9D preg)	TJADAB 18,379,78
1T85	unk-rat TDLo:500 mg/kg (12D preg)	TJADAB 7,A13,73
3T41T42T43	unk-rat TDLo:350 mg/kg (6D preg)	NTIS** AD-A092-531
1T46	unk-rat TDLo:2500 ug/kg (12D preg)	SEIJBO 20,17,80
3T25T34T43	unk-rat TDLo:2500 ug/kg (12D preg)	SEIJBO 20,17,80
1T01	ipr-mus TDLo:7 mg/kg (1D male)	CNREA8 39,3575,79
2T25T34	ipr-mus TDLo:800 mg/kg (11D preg)	ARZNAD 33,915,83
3T31T41T46	ipr-mus TDLo:300 mg/kg (9D preg)	TXCYAC 28,271,83
1T33	ivn-mus TDLo:500 mg/kg (10D preg)	TJADAB 21,9,80
1T33	unk-mus TDLo:500 mg/kg (10D preg)	TJADAB 29(3),17A,84
3T75T81T86	ipr-dog TDLo:150 mg/kg (21D preg)	28QFAD -,233,73
3T42T43T45	ipr-dog TDLo:450 mg/kg (20-22D preg)	28QFAD -,233,73
3T46T50T55	ipr-dog TDLo:450 mg/kg (20-22D preg)	28QFAD -,233,73
1T25	ipr-dog TDLo:450 mg/kg (21-23D preg)	28QFAD -,233,73
3T41T45T47	orl-cat TDLo:100 mg/kg (13-14D preg)	TXAPA9 41,137,77
2T25T34	orl-cat TDLo:1300 mg/kg (10-22D preg)	TJADAB 20,447,79
3T25T43T46	scu-rbt TDLo:650 mg/kg (12D preg)	TJADAB 24,19,81
3T26T33T34	scu-rbt TDLo:750 mg/kg (12D preg)	TJADAB 15,199,77
3T41T43T46	scu-rbt TDLo:750 mg/kg (12D preg)	TJADAB 15,199,77
2T53T55	scu-rbt TDLo:750 mg/kg (12D preg)	TJADAB 15,199,77
1T47	scu-rbt TDLo:750 mg/kg (12D preg)	TJADAB 22,115,80
2T46T59	ipr-pig TDLo:450 mg/kg (14-16D preg)	28QFAD -,233,73
2T01T02	ipr-ham TDLo:50 mg/kg (5D male)	JTEHD6 8,307,81
3T25T41T43	ivn-ham TDLo:50 mg/kg (8D preg)	LANCAO 1,1338,65
2T35T47	ivn-ham TDLo:400 mg/kg (8D preg)	ARPAAQ 81,174,66

TUMORIGENIC DATA AND REFERENCES:

3V03N61N60	ipr-rat TDLo:2500 mg/kg/7W-I	CANCAR 40(Suppl 4),1935,77
3V03P61P62	ipr-mus TDLo:9750 mg/kg/26W-I	CANCAR 40(Suppl 4),1935,77
3V03J60R60	scu-mus TDLo:500 mg/kg	IJCAAR 10,26,73

TOXICITY DATA AND REFERENCES:

3P05P14P17	orl-hmn TDLo:80 mg/kg/D	CNCRA6 29,103,63
2K13P30	ivn-hmn TDLo:86 mg/kg	CCROBU 57,369,73
1P26	unk-man TDLo:160 mg/kg	CNCRA6 50,219,66
*	unk-rat LD50:4300 mg/kg	PAACA3 4,10,63
	ipr-mus LD50:5800 mg/kg	CNREA8 39,3575,79
	scu-mus LD10:2400 mg/kg	EJCAAH 10,667,74

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: MIMDAL 57(1),19,74; 32XPAD -,49,75; ARVPAX 5,447,65

STATUS:

★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS INDEFINITE:RAT (CANCAR 40(Suppl 4),1935,77)

★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS NEGATIVE:MOUSE (CANCAR 40(Suppl 4),1935,77)

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA, 1-(2-HYDROXYETHYL)AMIDINO-3-(2,6-XYLYL)-, SULFATE see: YT1458960

YT4915000 UREA, 1-(2-HYDROXYETHYL)-1-NITROSO-

UPDT:8402 CAS:13743-07-2 MW:133.13 MOLFM:C3-H7-N3-O3

SYN: HENU * HNU * 1-(2-HYDROXYETHYL)-1-NITROSOUREA * NITROSO-2-HYDROXYETHYLUREA * 1-NITROSO-1-(2-HYDROXYETHYL)UREA

MUTATION DATA AND REFERENCES:

	mmo-sat 41 umol/L/48H	MUREAV 48,131,77
	spm-mus-ipr 455 mg/kg	MUPEAV 108,337,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01	ipr-mus TDLo:284 mg/kg (1D male)	MUREAV 108,337,83

TUMORIGENIC DATA AND REFERENCES:

3V01J60K60	orl-rat TDLo:672 mg/kg/30W-C	CNREA8 43,214,83
2V01R60	skn-mus TDLo:479 mg/kg/45W-I	CNREA8 43,214,83
2V03P62	ipr-mus TDLo:8 mg/kg	JJIND8 63,1469,79
3V03L60P60	orl-ham TDLo:533 mg/kg/22W-I	PAACA3 24,92,83
3V01K60Q60	orl-rat TD :840 mg/kg/38W-I	JJIND8 62,1523,79
3V01J60K60	orl-rat TD :1400 mg/kg/25W-C	CNREA8 43,214,83
3V01K60Q60	orl-rat TD :717 mg/kg/52W-I	JNCIAM 56,445,76

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:120 mg/kg	JNCIAM 56,445,76

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT4975000 UREA, (4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)-

UPDT:8403 CAS:31088-90-1 MW:267.37 MOLFM:C13-H21-N3-O3

SYN: (4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)UREA

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:88 mg/kg	PHARAT 30,638,75

YT4975200 UREA, ((4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)METHYL)-

UPDT:8403 CAS:50992-77-3 MW:281.40 MOLFM:C14-H23-N3-O3

SYN: ((4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)METHYL)UREA

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:50 mg/kg	PHARAT 30,638,75

YT4975400 UREA, N-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)-N'-METHYL-

UPDT:8403 CAS:38649-68-2 MW:281.40 MOLFM:C14-H23-N3-O3

SYN: N-(4-(2-HYDROXY-3-((1-METHYLETHYL)AMINO)PROPOXY)PHENYL)-N'-METHYLUREA * ICI 77163

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:65 mg/kg	PHARAT 30,638,75

YT4978000 UREA, N-(2-(HYDROXYMETHYL)-6-METHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)-, MONOHYDROCHLORIDE

UPDT:8312 CAS:68656-98-4 MW:272.77 MOLFM:C11-H16-N4-O2.Cl-H

SYN: N-(2-HYDROXYMETHYL)-6-METHYLPHENYL)-N'-(IMINO(METHYLAMINO)METHYL)UREA HYDROCHLORIDE * UREA, 1-(2-HYDROXYMETHYL)-6-METHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLROIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:450 mg/kg	ARZNAD 28,1435,78

UREA, 1-(2-HYDROXYMETHYL)-6-METHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLROIDE see: YT4978000

YT4980000 UREA, 1-(HYDROXYMETHYL)-3-METHYL-2-THIO-

UPDT:8403 CAS:15599-39-0 MW:120.19 MOLFM:C3-H8-N2-O-S

SYN: GYNAFLEX * N-(HYDROXYMETHYL)-N'-METHYLTHIOUREA * 1-(HYDROXYMETHYL)-3-METHYL-2-THIOUREA * NOXYFLEX S * NOXYTHIOLIN * NOXYTHIOLINE * THIOUREA, N-(HYDROXYMETHYL)-N'-METHYL-

TOXICITY DATA AND REFERENCES:

1J16	ipr-rat LD50:2400 mg/kg	THERAP 35,409,80

YT5120000 UREA, 1-((4-HYDROXY-4-PHENYLPIPERIDINO)ACETYL)-3-(m-METHOXYPHENYL)-

UPDT:8308 CAS:70166-90-4 MW:383.49 MOLFM:C21-H25-N3-O4

SYN: 1-((4-HYDROXY-4-PHENYLPIPERIDINO)ACETYL)-3-(m-METHOXYPHENYL)UREA * 1-PIPERIDINEACETAMIDE, 4-HYDROXY-N-(((3-METHOXYPHENYL)AMINO)CARBONYL)-4-PHENYL- (9CI)

TOXICITY DATA AND REFERENCES:

2F02F29	ipr-mus LD50:1000 mg/kg	RCOCB8 23,349,79

YT5140000 UREA, 1-((4-HYDROXY-4-PHENYLPIPERIDINO)ACETYL)-3-(o-TOLYL)-

UPDT:8308 CAS:70166-84-6 MW:367.49 MOLFM:C21-H25-N3-O3

SYN: 1-((4-HYDROXY-4-PHENYLPIPERIDINO)ACETYL)-3-(o-TOLYL)UREA * 1-PIPERIDINEACETAMIDE, 4-HYDROXY-N-(((2-METHYLPHENYL)AMINO)CARBONYL)-4-PHENYL- (9CI)

TOXICITY DATA AND REFERENCES:

2F02F29	ipr-mus LD50:1000 mg/kg	RCOCB8 23,349,79

YT5270000 UREA, 1-(2-HYDROXYPROPYL)-1-NITROSO-

UPDT:8408 MW:147.16 MOLFM:C4-H9-N3-O3

SYN: 1-(2-HYDROXYPROPYL)-1-NITROSOUREA * NITROSO-2-HYDROXY-N-PROPYLUREA * N-NITROSO-2-HYDROXY-n-PROPYLUREA * NITROSOISOPROPANOLUREA

MUTATION DATA AND REFERENCES:

	mmo-sat 1 ug/plate	MUREAV 68,1,79
	dnd-mam:lym 10 mmol/L	CBINA8 48,169,84

TUMORIGENIC DATA AND REFERENCES:

3V01K60P62	orl-rat TDLo:768 mg/kg/30W-C	CNREA8 43,214,83
2V01R60	skn-mus TDLo:471 mg/kg/40W-I	CNREA8 43,214,83
3V01K60P62	orl-rat TD :1560 mg/kg/25W-C	CNREA8 43,214,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT5280000 UREA, 1-(3-HYDROXYPROPYL)-1-NITROSO-

UPDT:8308 MW:147.16 MOLFM:C4-H9-N3-O3

SYN: 1-(3-HYDROXYPROPYL)-1-NITROSOUREA * NITROSO-3-HYDROXYPROPYLUREA * NITROSO-3-HYDROXY-N-PROPYLUREA

MUTATION DATA AND REFERENCES:

	mmo-sat 25 ug/plate	MUREAV 68,1,79

TUMORIGENIC DATA AND REFERENCES:

2V01R60	skn-mus TDLo:530 mg/kg/45W-I	CNREA8 43,214,83
3V03L60P60	orl-ham TDLo:589 mg/kg/37W-I	PAACA3 24,92,83

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT5290000 UREA, N-(IMINO(METHYLAMINO)METHYL)-N'-(2-METHOXY-6-METHYLPHENYL)-, MONOHYDROCHLORIDE

UPDT:8312 CAS:65009-29-2 MW:272.77 MOLFM:C11-H16-N4-O2.Cl-H

SYN: N-(IMINO(METHYLAMINO)METHYL)-N'-(2-METHOXY-6-METHYLPHENYL)UREA HYDROCHLORIDE * 1-(2-METHOXY-6-METHYLPHENYL)-3-METHYLAMIDINO-UREA HYDROCHLORIDE * UREA, 1-(2-METHOXY-6-METHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:175 mg/kg	ARZNAD 28,1435,78

BEST [illegible]

YT5294000 UREA, N-(IMINO(METHYLAMINO)METHYL)-N'-(2-METHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-49-5 MW: 242.74 MOLFM: C10-H14-N4-O .Cl-H
SYN: N-(IMINO(METHYLAMINO)METHYL)-N'-(2-METHYLPHENYL)-UREA HYDROCHLORIDE * UREA, 1-METHYLAMIDINO-3-(o-TOLYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:275 mg/kg ARZNAD 28,1435,78

YT5296000 UREA, N-(IMINO(METHYLAMINO)METHYL)-N'-(4-(TRIFLUOROMETHYL)PHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-47-3 MW: 296.71 MOLFM: C10-H11-F3-N4-O .Cl-H
SYN: N-(IMINO(METHYLAMINO)METHYL)-N'-(4-(TRIFLUOROMETHYL)PHENYL)-UREA HYDROCHLORIDE * UREA, 1-METHYLAMIDINO-3-(alpha,alpha,alpha-TRIFLUORO-p-TOLYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:450 mg/kg ARZNAD 28,1435,78

YT5298000 UREA, N-(IMINO(METHYLAMINO)METHYL)-N'-(2,4,6-TRIMETHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65009-25-8 MW: 270.80 MOLFM: C12-H18-N4-O .Cl-H
SYN: N-(IMINO(METHYLAMINO)METHYL)-N'-(2,4,6-TRIMETHYLPHENYL)-UREA HYDROCHLORIDE * UREA, 1-MESITYL-3-METHYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:200 mg/kg ARZNAD 28,1435,78

YT5299000 UREA, N-(IMINO(PROPYLAMINO)METHYL)-N'-(4-(TRIFLUOROMETHYL)PHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 68656-56-4 MW: 324.77 MOLFM: C12-H15-F3-N4-O .Cl-H
SYN: N-(IMINO(PROPYLAMINO)METHYL)-N'-(4-(TRIFLUOROMETHYL)PHENYL)-UREA HYDROCHLORIDE * UREA, 1-PROPYLAMIDINO-3-(alpha,alpha,alpha-TRIFLUORO-p-TOLYL)-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:300 mg/kg ARZNAD 28,1435,78

YT5299400 UREA, N-(IMINO(PROPYLAMINO)METHYL)-N'-(2,4,6-TRIMETHYLPHENYL)-, MONOHYDROCHLORIDE
UPDT:8312 CAS: 65009-24-7 MW: 298.86 MOLFM: C14-H22-N4-O .Cl-H
SYN: N-(IMINO(PROPYLAMINO)METHYL)-N'-(2,4,6-TRIMETHYLPHENYL)-UREA HYDROCHLORIDE * UREA, 1-MESITYL-3-PROPYLAMIDINO-, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:150 mg/kg ARZNAD 28,1435,78

UREA, 3-ISOBUTYLAMIDINO-1-(2,6-DIMETHYLPHENYL)-, HYDROCHLORIDE see: YT1461800

YT5320000 UREA, 1-ISOBUTYL-1-NITROSO-
UPDT:8405 CAS: 760-60-1 MW: 145.19 MOLFM: C5-H11-N3-O2
SYN: ISO-BNU * N-ISOBUTYL-N-NITROSOUREA * 1-ISO-BUTYL-1-NITROSOUREA * N-NITROSO-ISO-BUTYLUREA * UREA, N-(2-METHYLPROPYL)-N-NITROSO- (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate MUREAV 68,1,79
cyt-ham:fbr 25 mg/L/48H MUREAV 48,337,77
cyt-ham:fbr 65 mg/L GMCRDC 27,95,81
TUMORIGENIC DATA AND REFERENCES:
3V01K60R60 orl-rat TDLo:447 mg/kg/64W-C GANNA2 74,342,83
3V01K60R60 orl-rat TD :675 mg/kg/49W-C GANNA2 74,342,83
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT5670000 UREA, 1-ISOPROPYL-3-METHYL-3-NITROSO-
UPDT:8303 MW: 145.19 MOLFM: C5-H11-N3-O2
SYN: 1-ISOPROPYL-3-METHYL-3-NITROSOUREA * N-METHYL-N'-(ISOPROPYL)-N-NITROSOUREA
MUTATION DATA AND REFERENCES:
mmo-sat 70 nmol/plate MUREAV 93,57,82

YT5775000 UREA, (2-ISOPROPYL-4-PENTENOYL)-
UPDT:8405 CAS: 528-92-7 MW: 184.27 MOLFM: C9-H16-N2-O2
SYN: ALLYLISOPROPYLACETYLCARBAMIDE * ALLYLISOPROPYLACETYLUREA * N-(AMINOCARBONYL)-2-(1-METHYLETHYL)-4-PENTENAMIDE * APRONAL * APRONALIDE * ISODORMID * ISOPROPYLALLYLAZETYLKARBAMID (German) * (2-ISOPROPYL-4-PENTENOYL)UREA * SEDORMID
TUMORIGENIC DATA AND REFERENCES:
2V03J60 ipr-mus TDLo:3600 mg/kg/8W-I CNREA8 33,3069,73
TOXICITY DATA AND REFERENCES:
orl-rat LDLo:600 mg/kg DMWOAX 54,1166,28
* orl-mus LDLo:600 mg/kg MEIEDD 10,110,83
orl-dog LDLo:300 mg/kg DMWOAX 54,1166,28
orl-rbt LDLo:1250 mg/kg DMWOAX 54,1166,28
orl-gpg LDLo:600 mg/kg DMWOAX 54,1166,28
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA, 1-MESITYL-3-METHYLAMIDINO-, HYDROCHLORIDE see: YT5298000
UREA, 1-MESITYL-3-PROPYLAMIDINO-, HYDROCHLORIDE see: YT5299400
UREA, MESOXALYL- see: BA4200000
UREA, 1-(2-METHOXYETHYL)AMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE see: YT1459200
UREA, 1-(2-METHOXY-6-METHYLPHENYL)-3-METHYLAMIDINO-, HYDROCHLORIDE see: YT5290000

YT6452000 UREA, 1-(p-METHOXYPHENYL)-3-METHYL-3-NITROSO-
UPDT:8411 MW: 209.23 MOLFM: C9-H11-N3-O3
SYN: 1-(p-METHOXYPHENYL)-3-METHYL-3-NITROSOUREA
MUTATION DATA AND REFERENCES:
mmo-sat 66 umol/L CNREA8 39,5147,79
TUMORIGENIC DATA AND REFERENCES:
3V01K60R60 skn-mus TDLo:621 mg/kg/7W-I CNREA8 44,1027,84
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA, (2-METHOXYPROPYL)-, MERCURY COMPLEX see: OW1050000
UREA, 1-METHYLAMIDINO-3-(alpha,alpha,alpha-TRIFLUORO-p-TOLYL)-, HYDROCHLORIDE see: YT5296000
UREA, 1-METHYLAMIDINO-3-(o-TOLYL)-, HYDROCHLORIDE see: YT5294000

YT7365000 UREA, N,N''-METHYLENEBIS(N'-(1-(HYDROXYMETHYL)-2,5-DIOXO-4-IMIDAZOLIDINYL)-
UPDT:8407 CAS: 39236-46-9 MW: 388.35 MOLFM: C11-H16-N8-O8
SYN: GERMALL 115 * METHANEBIS(N,N'-(5-UREIDO-2,4-DIKETOTETRAHYDROIMIDAZOLE)-N,N-DIMETHYLOL) * N,N''-METHYLENEBIS(N'-(1-(HYDROXYMETHYL)-2,5-DIOXO-4-IMIDAZOLIDINYL)UREA)
TOXICITY DATA AND REFERENCES:
3K06K07K12 orl-rat LD50:11300 mg/kg JEPTDQ 4(4),133,80
3K06K07K12 ipr-rat LDLo:4000 mg/kg JEPTDQ 4(4),133,80
3K06K07K12 orl-mus LD50:7200 mg/kg JEPTDQ 4(4),133,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YT7400000 UREA, (METHYLETHANEDIYLIDENE)BIS(HYDRAZINOFORMIMIDOYL-2-THIO-
UPDT:8306 MW: 302.43 MOLFM: C7-H14-N10-S2
SYN: (METHYLETHANEDIYLIDENE)BIS(HYDRAZINOFORMIMIDOYL-2-THIOUREA) * METHYLGLYOXALBISTHIOCARBAMOYLGUANYLHYDRAZONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-mus TDLo:420 mg/kg (7D pre) MEXPAG 10,361,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA, N-(1-METHYLETHYL)-N-NITROSO- (9CI) see: YS3120000

YT7525000 UREA, (alpha-(2-METHYLHYDRAZINO)-p-TOLUOYL)-, MONOHYDROBROMIDE
UPDT:8401 CAS: 366-71-2 MW: 303.20 MOLFM: C10-H14-N4-O2 .Br-H
SYN: (alpha-(2-METHYLHYDRAZINO)-p-TOLUOYL)UREA, MONOHYDROBROMIDE
TUMORIGENIC DATA AND REFERENCES:
2V01R60 orl-rat TDLo:900 mg/kg/30D-I CNREA8 28,924,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA, 1-METHYL-3-METHYLAMIDINO-1-(2,6-XYLYL)-, NITRATE see: YT1459600

YT7750000 UREA, 1-METHYL-3-(2-(((5-METHYLIMIDAZOL-4-YL)METHYL)THIO)ETHYL)-2-THIO-
UPDT:8408 CAS: 34839-70-8 MW: 244.41 MOLFM: C9-H16-N4-S2
SYN: METIAMIDE
MUTATION DATA AND REFERENCES:
dni-hmn:oth 1 umol/L JIDEAE 65,400,75
TOXICITY DATA AND REFERENCES:
2F25J25 ivn-mus LD50:130 mg/kg IJEBA6 18,39,80

YT7875000 UREA, N-METHYL-N-NITROSO-
UPDT:8412 CAS: 684-93-5 MW: 103.10 MOLFM: C2-H5-N3-O2
SYN: CARBAMIDE, N-METHYL-N-NITROSO- * N-METHYL-N-NITROSO-HARNSTOFF (German) * METHYLNITROSO-HARNSTOFF (German) * METHYLNITROSOUREA * N-METHYL-N-NITROSOUREA * 1-METHYL-1-NITROSOUREA * METHYLNITROSOUREE (French) * MNU * N-NITROSO-N-METHYLCARBAMIDE * N-NITROSO-N-METHYL-HARNSTOFF (German) * NITROSOMETHYLUREA * N-NITROSO-N-METHYLUREA * NMH * NMU * NSC 23909 * RCRA WASTE NUMBER U177 * UREA, 1-METHYL-1-NITROSO-
MUTATION DATA AND REFERENCES:
mmo-sat 15600 ng/plate MUREAV 130,79,84
mma-sat 140 ug/plate PNASA6 72,5135,75
pic-sat 25 umol/L MOPMA3 10,640,74
mmo-esc 20 umol/plate MUREAV 135,87,84
dnr-esc 50 nmol/plate CNREA8 33,458,73
dnd-esc 10 mmol/L GANNA2 71,674,80
dns-esc 10 mmol/L ZKKOBW 92,177,78
pic-esc 50 mmol/L MGGEAE 145,219,76
mmo-bcs 5 gm/L MUREAV 42,19,77
dnr-bcs 5 gm/L MUREAV 42,19,77
mrc-bcs 170 nmol/L MUREAV 15,101,72
mmo-hmi 1 mmol/L ENMUDM 1,249,79
mmo-omi 100 mmol/L MGGEAE 141,23,75
mmo-omi 1 pph DKBSAS 183,668,68
mmo-omi 400 ug/plate CBINA8 22,297,78
mmo-omi 10 mg/L FOMIAZ 26,62,81
mmo-omi 10 ng/disc ISGEAK 8,82,79
mmo-omi 1 pph/24H-C SOGEBZ 10,522,74
mmo-omi 1 pph SOGEBZ 7,948,716
mmo-omi 500 ppm/1H SOGEBZ 12,772,76
mmo-omi 500 ppm SOGEBZ 8,412,72
mmo-omi 2000 ppm MIKBA5 49,93,80
mmo-omi 1000 ppm/6H-C MZHUDX 44(5),32,82
mmo-omi 100 mmol/L MUREAV 7,1,69
mmo-omi 100 mmol/L/60M MUREAV 7,19,69
mmo-omi 100 umol/L MUREAV 16,141,72
dnd-omi 500 umol/L PNASA6 73,2629,76
dnd-omi 4200 umol/L ZKKOBW 90,37,77
dnd-omi 40 mg/L CBINA8 13,151,76
pic-omi 100 mmol/L MUREAV 36,265,76
cyt-omi 2 mmol/L MUREAV 16,141,72
slt-dmg-mul 300 umol/L MUREAV 122,123,83
dns-dmg:emb 2 mmol/L MUREAV 112,215,83
sln-dmg-orl 1000 ppm NATUAS 207,164,65
sln-dmg-ihl 667 uL/L/48H SOGEBZ 8,877,72
spm-dmg-ihl 33 gm/L SOGEBZ 7,1030,71
mmo-nsc 400 ug/plate MUREAV 53,297,78
mmo-smc 100 mmol/L/1M ZEVBA5 95,82,64
mrc-smc 50 mmol/L MGGEAE 103,11,68
mmo-asn 500 mg/L MUREAV 23,41,74
mmo-clr 2 mmol/L BLOAAO 28,469,73
dnd-nml:lvr 1 mmol/L PAACA3 24,99,83
otr-hmn:oth 1 mg/L CANCAR 47,1543,81
otr-hmn:hla 5 mg/L NATUAS 220,448,68
dnd-hmn:oth 112 umol/L CNREA8 44,55,84
dnd-hmn:hla 1200 ug BICHAW 14,1795,75
dnd-hmn:lym 1 mmol/L JACTDZ 1(3),125,82
dnd-hmn:fbr 200 umol/L CNREA8 43,3104,83
dnd-hmn:oth 3200 nmol PAACA3 24,65,83
dns-hmn:fbr 1 umol/L/3H IJCNAW 16,284,75
dns-hmn:hla 10 umol/L CNREA8 38,2621,78
dns-hmn:oth 100 umol/L JJIND8 69,557,82
dni-hmn:lym 10 mmol/L MUREAV 50,251,78
dni-hmn:hla 50 umol/L MUREAV 92,427,82
oms-hmn:hla 15 umol/L IUSMDJ 9,41,79
cyt-hmn:fbr 500 umol/L/1H MUREAV 43,387,77
cyt-hmn:hla 100 nmol/L TXCYAC 9,21,78
sce-hmn:lym 410 ug/L CNREA8 40,4775,80
msc-hmn:lym 2500 nmol/L MUREAV 94,467,82
msc-hmn:fbr 200 umol/L PAACA3 25,102,84
otr-rat-orl 300 umol/kg CBINA8 43,313,83
dnd-rat:oth 1800 nmol PAACA3 24,65,83
dnd-rat:oth 300 nmol PAACA3 24,65,83
otr-rat-ipr 60 mg/kg NATUAS 275,60,78
otr-rat:lvr 25 mg/L/1D CNREA8 33,606,73
otr-rat:kdy 5 mg/L NATUAS 220,448,68
otr-rat:oth 5 mg/L NATUAS 220,448,68
dnd-rat-ipr 10 mg/kg CNREA8 38,1589,78
dnd-rat-ivn 10 mg/kg CNREA8 38,1589,78
dnd-rat-par 200 mg/kg CALEDQ 3,265,77
dnd-rat-orl 150 umol/kg TXAPA9 58,379,81
dnd-rat:lvr 2 mmol/L CBINA8 46,165,83
dns-rat:lvr 500 umol/L ENMUDM 3,11,81
dnd-rat-unk 80 mg/kg CBINA8 15,101,76
dns-rat:oth 100 mmol/L SHKKAN 22,300,80
dns-rat-par 4 mg/kg CNREA8 36,4114,76
oms-rat:lvr 35 umol/L BEBMAE 93(3),25,82
dni-rat-ipr 50 mg/kg VDGPAN 53,553,69
oms-rat-ipr 100 mg/kg VDGPAN 53,553,69
oms-rat-par 100 mg/kg ZKKOBW 79,255,73
dns-rat:oth 3200 umol/L JOPHBO 10,113,81
dns-rat:oth 3200 umol/L JOPHBO 10,113,81
dns-rat:oth 3200 umol/L JOPHBO 10,113,81
dns-rat:oth 3200 umol/L JOPHBO 10,113,81
cyt-rat:lym 900 umol/L NATUAS 258,611,75
hma-rat/smc 825 mg/kg TCMUD8 3,41,83
spm-rat-ipr 50 mg/kg MUREAV 21,34,73

BEST COPY

	mnt-mus-unk 12500 ng/kg	MUREAV 85,284,81
	slt-mus-ipr 5 mg/kg	MUREAV 92,193,82
	otr-mus:emb 250 mg/L	TOLED5 9,301,81
	otr-mus:emb 200 mg/L	ENMUDM 4,321,82
	otr-mus:fbr 100 ug/L	CRNGDP 3,1235,82
	dnd-mus-ipr 56200 ug/kg	MUREAV 54,39,78
	dnd-mus:leu 1 mmol/L/1H	CNREA8 35,2780,75
	dnd-mus:emb 18 umol/L	CRNGDP 3,1119,82
	dnd-mus:oth 2700 nmol	PAACA3 24,65,83
	dns-mus-ipr 50 mg/kg	BSIBAC 54,827,78
	oms-mus/leu 80 mg/kg	INSSDM 19,85,81
	dns-mus-skn 80 mg/kg	CRNGDP 3,881,82
	dns-mus-scu 1500 umol/L	CNREA8 42,5216,82
	dni-mus-par 100 mg/kg	VOONAW 22(10),61,76
	dni-mus:oth 1 mmol/L	JJIND8 65,1321,80
	dni-mus:oth 1 mg/L/1H	CNREA8 42,864,82
	dni-mus-ipr 20 gm/kg	ARGEAR 51,605,81
	dni-mus/oth 80 mg/kg	INSSDM 19,85,81
	dnd-mus:oth 700 nmol	PAACA3 24,65,83
	dnd-mus-ivn 10 mg/kg	CBINA8 16,325,77
	cyt-mus-unk 12500 ng/kg	MUREAV 85,284,81
	cyt-mus-orl 50 mg/kg	JJIND8 71,133,83
	sce-mus-unk 12500 ng/kg	MUREAV 85,284,81
	sce-mus-ipr 25 mg/kg	JTEHD6 11,337,83
	msc-mus:lym 1 mg/L	MUREAV 125,291,84
	hma-mus/srm 40 mg/kg	MGGEAE 117,197,72
	hma-mus/sat 800 mg/kg	SOGEBZ 13,737,77
	spm-mus-ipr 50 mg/kg	TXCYAC 12,183,79
	spm-mus-unk 50 mg/kg	GNKAA5 16(8),1397,80
	otr-ham:kdy 20 mg/L	NATUAS 264,722,76
	otr-ham:lng 5 mg/L	NATUAS 220,448,68
	otr-ham:ovr 5 mg/L	NATUAS 220,448,68
	otr-ham:emb 5 mg/L	NATUAS 220,448,68
	dnd-ham:lng 100 umol/L/1H	BBRCA9 72,732,76
	dnd-ham:ovr 500 umol/L	CBINA8 26,233,79
	dns-ham:lng 3 mmol/L/1H	CBINA8 3,49,68
	dns-ham:emb 3200 umol/L	JOPHBO 10,113,81
	dni-ham:lng 2 mmol/L	CRNGDP 4,261,83
	cyt-ham-ipr 100 mg/kg	TOLED5 2,277,78
	cyt-ham:fbr 100 mg/L/48H	MUREAV 48,337,77
	cyt-ham:lng 1 mg/L	ARTODN (Suppl 4),41,80
	cyt-ham:oth 100 mg/L	SOGEBZ 12,304,76
	sce-ham:fbr 1 mmol/L	JNCIAM 58,1635,77
	sce-ham:ovr 1 mmol/L/1H	MUREAV 67,47,79
	sce-ham:lng 10 umol/L	IAPUDO 31,797,80
	sce-ham-ipr 50 umol/kg	EXPEAM 39,757,83
	msc-ham-ipr 100 mg/kg	TOLED5 2,277,78
	msc-ham:ovr 10 mmol/L/2H	CBINA8 26,233,79
	msc-ham:lng 50 umol/L/1H	MUREAV 111,341,83
	msc-ham:oth 50 mg/L	MUREAV 16,89,72
	dnd-gpg-orl 10300 ug/kg	CRNGDP 3,1443,82
	otr-mky:kdy 50 mg/L	BJCAAI 31,338,75
	otr-rbt:kdy 5 mg/L	NATUAS 220,448,68
	dnd-mam:lym 100 umol/L	GANNA2 70,693,79
	oms-mam:lym 1 mmol/L	CBINA8 46,179,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T41	orl-rat TDLo:45 mg/kg (13D preg)	PARPDS 163,1,78
2T33T41	ipr-rat TDLo:5 mg/kg (15D preg)	BINKBT 20(9),65,77
1T41	ipr-rat TDLo:5 mg/kg (13D preg)	IARCCD 4,112,73
2T43T46	ipr-rat TDLo:10 mg/kg (13D preg)	IARCCD 4,112,73
1T35	ipr-rat TDLo:5 mg/kg (9D preg)	IARCCD 4,112,73
2T31T34	ipr-rat TDLo:10 mg/kg (9D preg)	IARCCD 4,112,73
1T43	scu-rat TDLo:10 mg/kg (14D preg)	FCTXAV 10,839,72
1T81	ivn-rat TDLo:10 mg/kg (12D preg)	IARCCD 4,127,73
1T76	ivn-rat TDLo:5 mg/kg (12D preg)	IARCCD 4,127,73
1T59	ivn-rat TDLc:10 mg/kg (10D preg)	APEPA2 257,296,67
2T41T46	ivn-rat TDLo:7500 ug/kg (13D preg)	EXPTAX 13,11,77
1T35	ivn-rat TDLo:3 mg/kg (10D preg)	IARCCD 4,45,73
3T41T43T46	par-rat TDLo:20 mg/kg (13D preg)	TJADAB 1,179,68
1T39	par-rat TDLo:20 mg/kg (13D preg)	ANREAK 157,365,67
1T31	unk-rat TDLo:21 mg/kg (1-7D preg)	IARCCD 4,1,73
1T41	unk-rat TDLo:21 mg/kg (8-14D preg)	IARCCD 4,1,73
2T25T72	unk-rat TDLo:21 mg/kg (1-7D preg)	VOONAW 20(12),76,74
1T01	ipr-mus TDLo:75 mg/kg (1D male)	MUREAV 108,337,83
2T46T76	ipr-mus TDLo:5 mg/kg (10D preg)	MUREAV 92,193,82
2T33T46	ipr-mus TDLo:10 mg/kg (11D preg)	TJADAB 25(2),59A,82
3T25T34T35	ipr-mus TDLo:10 mg/kg (4D preg)	TJADAB 28,21A,83
3T41T42T43	ipr-mus TDLo:10 mg/kg (4D preg)	TJADAB 28,21A,83
2T45T46	ipr-mus TDLo:10 mg/kg (4D preg)	TJADAB 28,21A,83
2T33T49	ivn-mus TDLo:25 mg/kg (15D preg)	TJADAB 24(1),30A,81
2T71T76	orl-gpg TDLo:32500 ug/kg (34-58D preg)	TJADAB 12,105,75

TUMORIGENIC DATA AND REFERENCES:

3V03K60R60	orl-rat TDLo:40 mg/kg	SJDRAN 90,382,82
3V03R60V10	skn-rat TDLo:200 mg/kg/30W-I	NATUAS 214,611,67
3V01T65A60	ipr-rat TDLo:20 mg/kg (18D preg)	IJCNAW 15,385,75
2V01R60	ipr-rat TDLo:100 mg/kg	ENDOAO 107,1218,80
2V03R60	scu-rat TDLo:50 mg/kg	CNREA8 43,1628,83
3V03T65B60	ivn-rat TDLo:20 mg/kg (22D preg)	IARCCD 4,127,73
2V01R60	ivn-rat TDLo:20 mg/kg	CRNGDP 3,1473,82
3V03T65A60	ivn-rat TDLo:10 mg/kg (15D preg)	KFIZAO 84,23,75
3V03T65A60	par-rat TDLo:5 mg/kg (21D preg)	IARCCD 4,1,73
2V01M60	par-rat TDLo:5 mg/kg/2W-I	BJCAAI 45,337,82
2V03M60	unk-rat TDLo:10 mg/kg	INURAQ 18,457,81
3V01T65A60	unk-rat TDLo:20 mg/kg (21D preg)	VOONAW 20(12),76,74
3V01T65M61	unk-rat TDLo:20 mg/kg (21D preg)	VOONAW 20(12),76,74
2V01K61	rec-rat TDLo:32 mg/kg/11D-I	BBACAQ 574,423,79
2V03J60	orl-mus TDLo:80 mg/kg/10W-I	JNCIAM 55,633,75
3V01J60R60	skn-mus TDLo:306 mg/kg/7W-I	CNREA8 44,1027,84
3V01K60P62	ipr-mus TDLo:50 mg/kg	BJCAAI 24,588,70
3V01T65J60	scu-mus TDLo:75 mg/kg (14-19D preg)	VOONAW 17(8),75,71
3V02T65J60	ivn-mus TDLo:50 mg/kg (15D preg)	SEIJBO 21,261,81
2V01P61	ivn-mus TDLo:50 mg/kg	BJCAAI 30,325,74
3V01K61V10	rec-mus TDLo:360 mg/kg/2W-I	PSEBAA 148,166,75
2V03A60	ivn-dog TDLo:240 mg/kg/52W-I	EXPEAM 26,303,70
2V03V10	par-dog TDLo:3009 mg/kg/34W-I	JJIND8 65,921,80
3V03J22V10	imp-dog TDLo:183 mg/kg/21W-C	JJIND8 65,921,80
2V03K60	orl-mky TDLo:20 gm/kg/6Y-I	CANCAR 40,1950,77
2V03A60	ivn-rbt TDLo:150 mg/kg/30W-I	ZSNUAI 198,65,70
3V02T65M61	ivn-rbt TDLo:40 mg/kg (25D preg)	BEXBAN 85,369,78
2V03K61	orl-pig TDLo:1170 mg/kg/5Y-I	REXMAS 169,33,76
2V01K61	orl-gpg TDLo:440 mg/kg/44W-I	CNREA8 35,2269,75
3V01K60L60	ipr-gpg TDLo:180 mg/kg/18W-I	NEOLA4 24,57,77
2V02K61	rec-gpg TDLo:168 mg/kg/42W-I	JNCIAM 54,785,75
2V01K60	orl-ham TDLo:20 mg/kg/5W-I	AOBIAR 25,623,80
3V03R60V10	skn-ham TDLo:155 mg/kg/13W-I	NATUAS 214,611,67
3V02K60L60	ipr-ham TDLo:30 mg/kg	CNREA8 43,829,83
2V01V10	scu-ham TDLo:146 mg/kg/41W-I	JNCIAM 51,1295,73
3V03K60Q60	ivn-ham TDLo:60 mg/kg/13W-I	KGGZAL 25,262,68
3V01D09J60	itr-ham TDLo:36 mg/kg/26W-I	IJCNAW 6,217,70
2V01J60	unk-ham TDLo:400 mg/kg/10W-I	PEXTAR 24,330,79
2V02N60	ivn-grb TDLo:38 mg/kg/15W-I	JNCIAM 55,637,75
3V01M60M61	par-rat TD :7500 ug/kg	BJCAAI 42,129,80
2V01R60	ivn-rat TD :50 mg/kg	JJIND8 71,625,83
2V01R60	skn-mus TD :330 mg/kg/40W-I	JCROD7 102,13 81
2V01J60	itr-ham TD :300 mg/kg/15W-I	PEXTAR 24,345,79
3V01K60K61	rec-rat TD :60 mg/kg/3W-I	CNREA8 38,4427,78
3V01K60P62	ipr-mus TD :12500 ug/kg	GERNDJ 28(2),114,82
2V01M61	par-rat TD :7500 ug/kg/3W-I	CALEDQ 8,3,79
3V01M61R60	ivn-rat TD :100 mg/kg/2W-I	EXPTAX 19,81,81
2V01R60	ivn-rat TD :25 mg/kg/8D-I	NATUAS 267,620,77
3V02K60L60	ipr-ham TD :71 mg/kg	CNREA8 43,829,83

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:110 mg/kg	ZEKBAI 69,103,67
	ipr-rat LD50:110 mg/kg	NATUAS 222,1064,69
	ivn-rat LD50:108 mg/kg	APEPA2 257,296,67
	imp-rat LDLo:30 mg/kg	CBINA8 5,139,72
	ipr-mus LD50:144 mg/kg	CNREA8 30,11,70
	scu-ham LD50:113 mg/kg	BJCAAI 29,359,74
	ivn-ham LDLo:42 mg/kg	JPBAA7 92,35,66
*	orl-mam LD50:110 mg/kg	GMCRDC 17,107,75
*	ivn-mam LD50:110 mg/kg	GMCRDC 17,107,75

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: APLMAS 107,54,83; 32XPAD -,49,75; BLFSBY 24,129,83; NUCADQ 3,109,81; BLFSBY 24,253,83

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 17,227,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 1,125,72
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 17,227,78

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA, 1-METHYL-1-NITROSO- see: YT7875000
UREA, 1-METHYL-1-NITROSOACETYL- see: YR7000000
UREA, N-METHYL-N-NITROSO-N'-PHENYL- (9CI) see: YT8100000

YT8100000 UREA, 1-METHYL-1-NITROSO-3-PHENYL-

UPDT:8411 CAS: 21561-99-9 MW: 179.20 MOLFM: C8-H9-N3-O2
SYN: 1-METHYL-1-NITROSO-3-PHENYLUREA * METHYLPHENYLNITROSOUREA * MPNU * NITROSOMETHYLPHENYLUREA * 3-PHENYL-1-METHYL-1-NITROSOHARNSTOFF (German) * UREA, N-METHYL-N-NITROSO-N'-PHENYL- (9CI)

MUTATION DATA AND REFERENCES:

	mmo-sat 66 umol/L	CNREA8 39,5147,79
	cyt-ham:lng 10 umol/L	IAPUDO 31,797,80
	sce-ham:lng 10 umol/L	IAPUDO 31,797,80

TUMORIGENIC DATA AND REFERENCES:

2V01K60	orl-rat TDLo:750 mg/kg/32W-I	CALEDQ 4,299,78
2V03V10	scu-rat TDLo:250 mg/kg	MVMZA8 33,128,78
3V01K60R60	skn-mus TDLo:532 mg/kg/7W-I	CNREA8 44,1027,84
2V03K60	orl-rat TD :450 mg/kg/20W-I	MVMZA8 33,128,78
3V03K60L60	orl-rat TD :650 mg/kg/W-I	ARTODN (Suppl 4),25,80
3V03K60L60	orl-rat TD :650 mg/kg/26W-I	IAPUDO 31,685,80

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT8200000 UREA, 1-METHYL-1-NITROSO-3-PHENYL- and SODIUM NITRITE (10:1)

UPDT:8401
SYN: SODIUM NITRITE and 1-METHYL-1-NITROSO-3-PHENYLUREA

TUMORIGENIC DATA AND REFERENCES:

2V01K60	orl-rat TDLo:8250 mg/kg/32W-I	CALEDQ 4,299,78
2V03K60	orl-rat TD :200 mg/kg	MVMZA8 33,128,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT8205000 UREA, 1-METHYL-1-NITROSO-3-(p-TOLYL)-

UPDT:8411 MW: 193.23 MOLFM: C9-H11-N3-O2
SYN: 1-METHYL-1-NITROSO-3-(p-TOLYL)UREA

MUTATION DATA AND REFERENCES:

	mmo-sat 66 umol/L	CNREA8 39,5147,79

TUMORIGENIC DATA AND REFERENCES:

3V01K60R60	skn-mus TDLo:574 mg/kg/7W-I	CNREA8 44,1027,84

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT8403000 UREA, 1-(alpha-METHYLPHENETHYL)-, D-

UPDT:8309 MW: 178.26 MOLFM: C10-H14-N2-O
SYN: D-1-(alpha-METHYLPHENETHYL)UREA * D-1-PHENYL-2-UREIDOPROPANE

TOXICITY DATA AND REFERENCES:

3F07F17F26	ipr-rat LD50:840 mg/kg	JPMSAE 51,83,62

YT8605000 UREA, 1-METHYL-3-((1-PHENYLIMIDAZOL-2-YLTHIO)ACETYL)-

UPDT:8312 CAS: 60176-58-1 MW: 290.37 MOLFM: C13-H14-N4-O2-S
SYN: ACETAMIDE, N-((METHYLAMINO)CARBONYL)-2-((1-PHENYL-1H-IMIDAZOL-2-YL)THIO)- (9CI) * 1-METHYL-3-((1-PHENYLIMIDAZOL-2-YLTHIO)ACETYL)UREA

TOXICITY DATA AND REFERENCES:

1F02	ipr-mus LD50:600 mg/kg	JPMSAE 65,1010,76

YT8610000 UREA, 1-METHYL-3-(4-PHENYL-2-THIAZOLYL)-

UPDT:8403 CAS: 52968-02-2 MW: 233.31 MOLFM: C11-H11-N3-O-S
SYN: N-METHYL-N'-(4-PHENYL-THIAZOLYL(2))-HARNSTOFF (German) * N-METHYL-N'-(4-PHENYL-THIAZOLYL(2))-UREA * 1-METHYL-3-(4-PHENYL-2-THIAZOLYL)UREA * UREA, N-METHYL-N'-(4-PHENYL-2-THIAZOLYL)- (9CI)

MUTATION DATA AND REFERENCES:

	cyt-rat-ipr 200 mg/kg/24H	ARZNAD 25,1716,75
	hma-mus/sat 33 mg/kg	ARZNAD 25,1716,75
	hma-mus/srm 30 mg/kg	ARZNAD 25,1716,75

STATUS:

★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

UREA, N-METHYL-N'-(4-PHENYL-2-THIAZOLYL)- (9CI) see: YT8610000

YT8750000 UREA, 1-METHYL-3-PHENYL-2-THIO-

UPDT:8311 CAS: 2724-69-8 MW: 166.26 MOLFM: C8-H10-N2-S
SYN: N-METHYL-N'-PHENYLTHIOUREA

MUTATION DATA AND REFERENCES:

	dlt-mus-ipr 50 mg/kg	MGGEAE 117,197,72

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:50 mg/kg	JPETAB 93,287,48

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

UREA, 1-METHYLPROPYLAMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE see: YT1461600
UREA, N-(2-METHYLPROPYL)-N-NITROSO- (9CI) see: YT5320000

YT8850000 UREA, 1-(1-METHYL-2-PYRROLIDINYLIDENE)-3-(2,6-XYLYL)-
UPDT:8307 CAS: 50528-97-7 MW: 245.36 MOLFM: C14-H19-N3-O
SYN: N-(2,6-DIMETHYLPHENYL)-N'-(1-METHYL-2-PYRROLIDINYLIDENE)UREA * MCN-3113 * 1-(1-METHYL-2-PYRROLIDINYLIDENE)-3-(2,6-XYLYL)UREA * UREA, N-(2,6-DIMETHYLPHENYL)-N'-(1-METHYL-2-PYRROLIDINYLIDENE)- * XILOBAM
TOXICITY DATA AND REFERENCES:
3F18F21D16 orl-rat LD50:830 mg/kg AIPTAK 233,326,78
3F18F21D16 ipr-rat LD50:128 mg/kg AIPTAK 233,326,78
orl-mus LD50:320 mg/kg JMCMAR 21,1044,78
3F18F21D16 ipr-mus LD50:110 mg/kg AIPTAK 233,326,78

YT8880000 UREA, METHYL- and SODIUM NITRITE (1:1)
UPDT:8311 MW: 143.10 MOLFM: C2-H6-N2-O .N-Na-O2
SYN: METHYLUREA and SODIUM NITRITE (1:1) * SODIUM NITRITE AND METHYLUREA (1:1)
MUTATION DATA AND REFERENCES:
hma-mus/sat 1450 umol/kg CNREA8 37,4572,77
hma-mus/ssp 6700 mg/kg MUREAV 113,21,83

YT8900000 UREA, METHYL and SODIUM NITRITE (1:2)
UPDT:8401
SYN: METHYLHARNSTOFF und NATRIUMNITRIT (German) * METHYL UREA and SODIUM NITRITE * SODIUM NITRITE and METHYL UREA
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T35T41 orl-rat TDLo:80 mg/kg (9D preg) BEXBAN 83,88,77
TUMORIGENIC DATA AND REFERENCES:
2V02A60 orl-rat TDLo:15 gm/kg/50D-C ZAPPAN 121,61,77
3V03M61R60 orl-rat TD :12 gm/kg/17D-C ARZNAD 21,1707,71
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT9000000 UREA, 1-METHYL-2-THIO-
UPDT:8412 CAS: 598-52-7 MW: 90.16 MOLFM: C2-H6-N2-S
SYN: METHYL THIOUREA * 1-METHYLTHIOUREA
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T42T43T50 orl-rat TDLo:500 mg/kg (12D preg) TJADAB 23,335,81
3T41T46T53 orl-rat TDLo:200 mg/kg (14D preg) TJADAB 26(1),19A,82
1T34 orl-rat TDLo:250 mg/kg (14D preg) TJADAB 23,335,81
1T53 orl-rat TDLo:400 mg/kg (10D preg) TJADAB 28,38A,83
1T46 orl-mus TDLo:1 gm/kg (10D preg) 49WEAZ 3,479,83
TOXICITY DATA AND REFERENCES:
orl-rat LD50:50 mg/kg JPETAB 90,260,47
* ipr-rat LD50:1850 mg/kg THERAP 35,409,80
* orl-mus LDLo:2000 mg/kg TJADAB 23,335,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT9010000 UREA, 1-METHYL-3-((1-o-TOLYLIMIDAZOL-2-YLTHIO)ACETYL)-
UPDT:8312 CAS: 60176-57-0 MW: 304.40 MOLFM: C14-H16-N4-O2-S
SYN: ACETAMIDE, N-((METHYLAMINO)CARBONYL)-2-((1-(2-METHYLPHENYL)-1H-IMIDAZOL-2-YL)THIO)- * 1-METHYL-3-((1-(o-TOLYLIMIDAZOL-2-YLTHIO)ACETYL)UREA
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:1000 mg/kg JPMSAE 65,1010,76

YT9060000 UREA, 1-METHYL-3-((1-(2,4-XYLYL)IMIDAZOL-2-YLTHIO)ACETYL)-
UPDT:8312 CAS: 60176-55-8 MW: 318.43 MOLFM: C15-H18-N4-O2-S
SYN: ACETAMIDE, 2-((1-(2,4-DIMETHYLPHENYL)-1H-IMIDAZOL-2-YL)THIO)-N-((METHYLAMINO)CARBONYL)- * 1-METHYL-3-((1-(2,4-XYLYL)IMIDAZOL-2-YLTHIO)ACETYL)UREA
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:750 mg/kg JPMSAE 65,1010,76

YT9062000 UREA, 1-METHYL-3-((1-(2,6-XYLYL)IMIDAZOL-2-YLTHIO)ACETYL)-
UPDT:8312 CAS: 60176-54-7 MW: 318.43 MOLFM: C15-H18-N4-O2-S
SYN: ACETAMIDE, 2-((1-(2,6-DIMETHYLPHENYL)-1H-IMIDAZOL-2-YL)THIO)-N-((METHYLAMINO)CARBONYL)- * 1-METHYL-3-((1-(2,6-XYLYL)IMIDAZOL-2-YLTHIO)ACETYL)UREA
TOXICITY DATA AND REFERENCES:
1F02 ipr-mus LD50:750 mg/kg JPMSAE 65,1010,76

UREA, MONONITRATE (8CI,9CI) see: YT9675000

YT9126000 UREA, 1-MORPHOLINOMETHYL-
UPDT:8310 MW: 159.22 MOLFM: C6-H13-N3-O2
SYN: MMU * MORPHOLINOMETHYLHARNSTOFF (German) * MORPHOLINOMETHYLUREA
TOXICITY DATA AND REFERENCES:
1P02 ipr-mus LD50:1000 mg/kg ARZNAD 31,1782,81

UREA, NAPHTHALENYL- (9CI) see: YT9140000

YT9140000 UREA, NAPHTHYL-
UPDT:8312 MW: 186.23 MOLFM: C11-H10-N2-O
SYN: NAPHTHYLUREA (DOT) * UN 1652 (DOT) * UREA, NAPHTHALENYL- (9CI)
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

YT9275000 UREA, 1-(1-NAPHTHYL)-2-THIO-
UPDT:8408 CAS: 86-88-4 MW: 202.29 MOLFM: C11-H10-N2-S
SYN: ALPHANAPHTHYL THIOUREA * ALRATO * ANTU * ANTURAT * BANTU * CHEMICAL 109 * DIRAX * KILL KANTZ * KRYSID * KRYSID PI * 1-NAFTIL-TIOUREA (Italian) * 1-NAFTYLTHIOUREUM (Dutch) * 1-NAPHTHALENYLTHIOUREA * alpha-NAPHTHOTHIOUREA * alpha-NAPHTHYLTHIOCARBAMIDE * 1-NAPHTHYL-THIOHARNSTOFF (German) * 1-NAPHTHYL THIOUREA * N-(1-NAPHTHYL)-2-THIOUREA * alpha-NAPHTHYLTHIOUREA * 1-(1-NAPHTHYL)-2-THIOUREA * alpha-NAPHTHYLTHIOUREA (DOT) * 1-NAPHTHYL-THIOUREE (French) * NAPHTOX * RATTRACK * RAT-TU * RCRA WASTE NUMBER P072 * SMEESANA * THIOUREA, 1-NAPHTHALENYL- * U-5227 * UN 1651 (DOT) * USAF EK-P-5976
MUTATION DATA AND REFERENCES:
mma-sat 500 nmol/L ENMUDM 3,11,81
otr-ham:emb 1600 ug/L NCIMAV 58,243,81
TUMORIGENIC DATA AND REFERENCES:
3V03J60P60 scu-mus TDLo:5 mg/kg NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
unk-man LDLo:588 mg/kg 85DCAI 2,73,70
* orl-rat LD50:6 mg/kg AFDOAQ 16,47,52
ipr-rat LD50:2470 ug/kg JPETAB 97,432,49
ipr-mus LD50:10 mg/kg NTIS** AD277-689
orl-dog LD50:380 ug/kg PCOC** -,57,66
* ipr-dog LD50:16 mg/kg PSEBAA 62,22,46
orl-mky LD50:4250 mg/kg 85DPAN -,-,71/76
* ipr-mky LD50:175 mg/kg PSEBAA 62,22,46
* orl-cat LD50:500 mg/kg PSEBAA 62,22,46
* ipr-gpg LD50:350 mg/kg PSEBAA 62,22,46
* orl-ckn LD50:4250 mg/kg PSEBAA 62,22,46
* ipr-ckn LD50:2500 mg/kg PSEBAA 62,22,46
unk-ckn LD50:700 mg/kg 30ZDA9 -,238,71
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ADCSAJ 13,271,70
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 30,347,83
★ TLV-TWA 300 ug/m3; STEL 900 ug/m3 (skin) DTLVS* 4,24,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 300 ug/m3 (SCP-S) FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 5 S276#
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA NITRATE see: YT9675000
UREA NITRATE, dry or containing less than 20% water (DOT) see: YT9670000

YT9670000 UREA NITRATE
UPDT:8312 CAS: 124-47-0 MW: 123.09 MOLFM: C-H5-N3-O4
SYN: UN 0220 (DOT) * UREA NITRATE, dry or containing less than 20% water (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.102,83

YT9675000 UREA NITRATE (wet)
UPDT:8312 CAS: 124-47-0 MW: 123.09 MOLFM: C-H5-N3-O4
SYN: ACIDOGEN NITRATE * UN 1357 (DOT) * UREA, MONONITRATE (8CI,9CI) * UREA NITRATE * UREA NITRATE, wet with 10% or more water (DOT) * UREA NITRATE, wetted with not less than 20% water (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82

UREA NITRATE, wet with 10% or more water (DOT) see: YT9675000
UREA NITRATE, wetted with not less than 20% water (DOT) see: YT9675000

YT9681400 UREA, NITRO-
UPDT:8401 CAS: 556-89-8 MW: 105.07 MOLFM: C-H3-N3-O3
SYN: N-NITROCARBAMIDE * NITRO UREA (DOT) * N-NITROUREA (DOT) * N-NITROUREA * 1-NITROUREA * UN 0147 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CLASS A EXPLOSIVE; LABEL:EXPLOSIVE A CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YT9690000 UREA, 1-NITROPHENYL-3-(3-PYRIDYLMETHYL)-
UPDT:8411 CAS: 53558-25-1 MW: 272.29 MOLFM: C13-H12-N4-O3
SYN: DLP-87 * DLP 787 * N-(4-NITROPHENYL)-N'-(3-PYRIDINYLMETHYL)UREA * N-3-PYRIDYLMETHYL-N'-p-NITROPHENYLUREA * 1-(3-PYRIDYLMETHYL)-3-(4-NITROPHENYL)UREA * PYRIMINIL * PYRIMINYL * RH-787 * VACOR
TOXICITY DATA AND REFERENCES:
3F08F18K13 orl-man TDLo:5571 ug/kg NEJMAG 302,73,80
orl-man LDLo:22286 ug/kg NEJMAG 302,73,80
orl-rat LD50:6700 ug/kg JOHYAY 80,401,78
* unk-rat LD50:4750 mg/kg FMCHA2 -,C250,83
2C08D21 orl-mus LD50:56500 ug/kg ESDBAK 28(4),349,77
* orl-dog LD50:700 mg/kg SHBOAO 32,530,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT9718000 UREA, 1-NITROSO-1-OCTYL-
UPDT:8303 MW: 201.31 MOLFM: C9-H19-N3-O2
SYN: 1-NITROSO-1-OCTYLUREA * n-OCTYL NITROSUREA
TUMORIGENIC DATA AND REFERENCES:
3V03G60K60 orl-rat TDLo:800 mg/kg ANYAA9 381,250,82
3V03G60R60 scu-rat TDLo:600 mg/kg ANYAA9 381,250,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT9720000 UREA, N-NITROSO-N-PENTYL-
UPDT:8405 CAS: 10589-74-9 MW: 159.22 MOLFM: C6-H13-N3-O2
SYN: n-AMYLNITROSOUREA * 1-AMYL-1-NITROSOUREA * ANU * NITROSO-n-AMYLUREA * n-PENTYLNITROSOUREA * UREA, 1-NITROSO-1-PENTYL- * UREA, N-PENTYLNITROSO-
MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate MUREAV 68,1,79
cyt-ham:fbr 250 mg/L/48H MUREAV 48,337,77
cyt-ham:lng 79 mg/L GMCRDC 27,95,81
TUMORIGENIC DATA AND REFERENCES:
3V01K60P61 orl-rat TDLo:184 gm/kg/49W-I GANNA2 71,464,80
3V03G60R60 scu-rat TDLo:510 mg/kg ANYAA9 381,250,82
2V01R60 skn-mus TDLo:629 mg/kg/50W-I JCROD7 102,13,81
3V03K60R60 orl-rat TD :5200 mg/kg/52W-I 27NZAH 2,73,72
3V01G60K60 orl-rat TD :570 mg/kg ANYAA9 381,250,82
TOXICITY DATA AND REFERENCES:
orl-rat LD50:560 mg/kg 27NZAH 2,73,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA, 1-NITROSO-1-PENTYL- see: YT9720000

YT9725000 UREA, 1-NITROSO-1-PHENETHYL-
UPDT:8303 CAS: 777-79-7 MW: 193.23 MOLFM: C9-H11-N3-O2
SYN: NITROSOPHENYLETHYLUREA * UREA, N-NITROSO-N-(2-PHENYLETHYL)- (9CI)
MUTATION DATA AND REFERENCES:
mmo-sat 2500 ng/plate MUREAV 68,1,79

YT9730000 UREA, N-NITROSO-N-PHENYL-
UPDT:8401 CAS: 6268-32-2 MW: 165.17 MOLFM: C7-H7-N3-O2
SYN: NITROSOPHENYLUREA * PHENYL-NITROSO-HARNSTOFF (German) * N-PHENYL-N-NITROSOUREA
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:150 mg/kg ZEKBAI 71,63,68
2V03R60 skn-mus TDLo:661 mg/kg/50W-I JCROD7 102,13,81
TOXICITY DATA AND REFERENCES:
scu-rat LD50:150 mg/kg ZEKBAI 71,63,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

UREA, N-NITROSO-N-(2-PHENYLETHYL)- (9CI) see: YT9725000
UREA, N-NITROSO-N-(PHENYLMETHYL)- see: YS1820000
UREA, N-NITROSO-N-2-PROPENYL- (9CI) see: YR7940000

YT9740000 UREA, N-NITROSO-N-PROPYL-
UPDT:8411 CAS: 816-57-9 MW: 131.16 MOLFM: C4-H9-N3-O2
SYN: NITROSOPROPYLUREA * NITROSO-n-PROPYLUREA * NPU * PNU * n-PROPYLNITROSOHARNSTOFF (German) * N-PROPYLNITROSOUREA * 1-PROPYL-1-NITROSOUREA
MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate MUREAV 68,1,79
mma-sat 200 nmol/plate CNREA8 39,1328,79
mmo-esc 10 mmol/L CBINA8 26,197,79
dns-esc 10 mmol/L CBINA8 26,197,79
cyt-ham:fbr 125 mg/L/48H MUREAV 48,337,77
cyt-ham:lng 68 mg/L GMCRDC 27,95,81
dnd-mam:lym 500 umol/L CRNGDP 4,1455,83
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T35T41T42 par-rat TDLo:80 mg/kg (9D preg) IARCCD 4,112,73
TUMORIGENIC DATA AND REFERENCES:
3V03T65A60 orl-rat TDLo:120 mg/kg (19D preg) ARGEAR 40,99,72
3V03P61R60 orl-rat TDLo:200 mg/kg GANNA2 67,121,76
3V03P61R60 scu-rat TDLo:400 mg/kg GANNA2 67,121,76
2V01R60 skn-mus TDLo:525 mg/kg/50W-I JCROD7 102,13,81
3V01H60P60 orl-ham TDLo:3024 mg/kg/36W-C GANNA2 73,695,82
3V03K60R60 orl-rat TD :2080 mg/kg/52W-I 27NZAH 2,73,72
3V01H60P60 orl-ham TD :7728 mg/kg/23W-C GANNA2 73,695,82

3V03K61N62 orl-rat TD :689 mg/kg/25W-C GANNA2 71,231,80
3V03K61N62 orl-rat TD :1054 mg/kg/30W-C GANNA2 71,231,80
3V03C18R60 scu-rat TD :420 mg/kg ANYAA9 381,250,82
3V03G60K60 orl-rat TD :500 mg/kg ANYAA9 381,250,82
2V03R60 skn-mus TD :525 mg/kg/50W-I CNREA8 43,214,83
2V03P62 orl-rat TD :10920 mg/kg/39W-C JJIND8 72,367,84
TOXICITY DATA AND REFERENCES:
orl-rat LD50:480 mg/kg ARGEAR 40,99,72
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT9745000 UREA, 1-NITROSO-1-TRIDECYL-
UPDT:8303 MW: 271.46 MOLFM: C14-H29-N3-O2
SYN: NITROSOTRIDECYLUREA
MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate MUREAV 68,1,79
TUMORIGENIC DATA AND REFERENCES:
2V03R60 skn-mus TDLo:1085 mg/kg/50W-I JCROD7 102,13,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT9750000 UREA, 3-NITROSO-1,1,3-TRIETHYL-
UPDT:8401 CAS: 50285-70-6 MW: 173.25 MOLFM: C7-H15-N3-O2
SYN: NITROSOTRIAETHYLHARNSTOFF (German) * NITROSOTRIETHYLUREA * 1,1,3-TRIETHYL-3-NITROSOUREA
MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate MUREAV 51,319,78
TUMORIGENIC DATA AND REFERENCES:
3V03A60C60 orl-rat TDLo:1440 mg/kg/50W-I ZKKOBW 83,315,75
3V03K60P60 orl-ham TDLo:1733 mg/kg/W-I PAACA3 24,92,83
3V03R60T63 orl-rat TD :2550 mg/kg/31W-C JJIND8 65,451,80
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT9790000 UREA, 1-NITROSO-1,3,3-TRIS(2-CHLOROETHYL)-
UPDT:8401 MW: 276.57 MOLFM: C7-H12-Cl3-N3-O2
SYN: NITROSOTRIS(CHLOROETHYL)UREA * 1-NITROSO-1,3,3-TRIS-(2-CHLOROETHYL)UREA * 3-NITROSO-1,1,3-TRIS(CHLOROETHYL)UREA
TUMORIGENIC DATA AND REFERENCES:
3V03J60K60 orl-rat TDLo:95 mg/kg/17W-I JCROD7 94,131,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT9792000 UREA, N-NITROSO-N-UNDECYL-
UPDT:8303 CAS: 71752-67-5 MW: 243.40 MOLFM: C12-H25-N3-O2
SYN: NITROSOUNDECYLUREA
MUTATION DATA AND REFERENCES:
mmo-sat 1 ug/plate MUREAV 68,1,79
TUMORIGENIC DATA AND REFERENCES:
2V01R60 skn-mus TDLo:974 mg/kg/50W-I JCROD7 102,13,81
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YT9952000 UREA, 1-(2-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-2-YL)-
UPDT:8406 MW: 205.24 MOLFM: C10-H11-N3-O2
SYN: 1-(2-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-2-YL)UREA * 2-UREIDO-1,4-DIHYDROISOQUINOLIN-3(2H)-ONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg FRPSAX 38,199,83

YT9952500 UREA, 1-(3-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-2-YL)-3-PHENYL-
UPDT:8406 MW: 267.33 MOLFM: C16-H15-N2-O2
SYN: 1-(3-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-2-YL)-3-PHENYLUREA * 2-(N'-PHENYLUREIDO)-1,4-DIHYDROISOQUINOLIN-3(2H)-ONE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg FRPSAX 38,199,83
UREAPAP W see: YU1610000
UREA, N-PENTYLNITROSO- see: YT9720000
UREA PEROXIDE (DOT) see: YT4850000

YU0650000 UREA, PHENYL-
UPDT:8312 CAS: 64-10-8 MW: 136.17 MOLFM: C7-H8-N2-O
SYN: MONOPHENYLUREA * PC * PHENYLCARBAMIDE * PHENYLUREA * N-PHENYLUREA * 1-PHENYLUREA * STABILISATOR VH * STABILIZER VH * VH
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2000 mg/kg IIFBA4 12,195,69
orl-mus LD50:1580 mg/kg IIFBA4 12,195,69
ipr-mus LD50:1060 mg/kg IIFBA4 12,195,69
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YU0875000 UREA, (PHENYLACETYL)-
UPDT:8403 CAS: 63-98-9 MW: 178.21 MOLFM: C9-H10-N2-O2
SYN: A-1348 * ACETYLUREUM * N-(AMINOCARBONYL)BENZENEACETAMIDE * CARBAMIDE PHENYLACETATE * CETYLUREUM * CARBANMIDE * COMITIADONE * EFERON * EPHERON * EPICLASE * FELUREA * FENACEMID * FENACEMIDE * FENACETAMIDE * FENACETIL-KARBAMIDE * FENILEP * FENISED * FENOSTENYL * FENURAL * FENUREA * FENURONE * FENYTAN * NEOPHEDAN * NEOPHENAL * PHACETUR * PHENACALUM * PHENACEMIDE * PHENACEREUM * PHENACETUR * PHENACETYLCARBAMIDE * PHENARONE * PHENACETYLUREA * PHENICARB * PHENURON * PHENURONE * PHENUTAL * (PHENYLACETYL)UREA * alpha-PHENYLACETYLUREA * PHENYLACETYLUREE (French) * PHENYRIT * PHETYLUREUM * TRIOXANONA
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T59 ipr-mus TDLo:1736 mg/kg (8-10D preg) TCMUDB 2,61,82
3T35T41T42 ipr-mus TDLo:2781 mg/kg (8-10D preg) TXAPA9 64,271,82
2T46T47 ipr-mus TDLo:2781 mg/kg (8-10D preg) TXAPA9 64,271,82
1T45 ipr-mus TDLo:1143 mg/kg (8-10D preg) TXAPA9 64,271,82
TOXICITY DATA AND REFERENCES:
3Y15F04U01 orl-rat LD50:4000 mg/kg ARZNAD 18,524,68
* orl-mus LD50:987 mg/kg NIIRDN 6,655,82
ipr-mus LD50:1550 mg/kg RPOBAR 2,309,70
orl-dog LDLo:3500 mg/kg 27ZIAQ -,188,73
orl-cat LDLo:2000 mg/kg 27ZIAQ -,188,73
orl-rbt LD50:2500 mg/kg 27ZQAG -,366,72
ipr-rbt LD50:2500 mg/kg 27ZQAG -,366,72
* orl-gpg LD50:882 mg/kg AIPTAK 91,437,52
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YU1225000 UREA, (2-PHENYLBUTYRYL)-
UPDT:8305 CAS: 90-49-3 MW: 206.27 MOLFM: C11-H14-N2-O2
SYN: BENURIDE * ETHYLPHENACEMIDE * 1-((ETHYL)PHENYLACETYL)UREA * URCAPYL * M 551 * PHENETURIDE * PHENURIDE * N-(alpha-PHENYLBUTYRYL)UREA * 2-PHENYLBUTYRYLUREA * PHENYLETHYLACETYLUREA * PHENYLETHYLACETYLUREE (French) * S 46
TOXICITY DATA AND REFERENCES:
3Y15F04U01 orl-rat LD50:1143 mg/kg ARZNAD 18,524,68
* orl-mus LD50:910 mg/kg NIIRDN 6,114,82
* orl-rbt LDLo:1000 mg/kg AIPTAK 91,437,52
* orl-gpg LD50:641 mg/kg AIPTAK 91,437,52

YU1230000 UREA, (2-PHENYLBUTYRYL)-, and 5-ETHYL-3-METHYL-5-PHENYLHYDANTOIN (1:3)
UPDT:8305 MW: 861.11 MOLFM: C11-H14-N2-O2 .3C12-H14-N2-O2
SYN: METHOIN and PHENETURIDE (3:1) * PHENETURIDE and METHOIN (1:3)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T43T45T87 unk-wmn TDLo:3920 mg/kg (1-35W preg) LANCAO 2,839,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
UREA (PHENYLMERCURI)- see: OW9750000

YU1395000 UREA, 1-PHENYL-3-(1,2,3-THIADAZOL-5-YL)-
UPDT:8309 CAS: 51707-55-2 MW: 220.27 MOLFM: C9-H8-N4-O-S
SYN: DEFOLIT * DROPP * N-PHENYL-N'-1,2,3-THIADIAZOL-5-YL-UREA * SN 49537 * THIDIAZURON
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:4200 mg/kg FMCHA2 -,C91,83

YU1400000 UREA, 1-PHENYL-2-THIO-
UPDT:8412 CAS: 103-85-5 MW: 152.23 MOLFM: C7-H8-N2-S
SYN: NCI-C02017 * PHENYLTHIOCARBAMIDE * PHENYLTHIOUREA * N-PHENYLTHIOUREA * alpha-PHENYLTHIOUREA * 1-PHENYLTHIOUREA * 1-PHENYL-2-THIOUREA * PTC * PTU * RCRA WASTE NUMBER P093 * U 6324 * USAF EK-1569
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T33T39 orl-mus TDLo:168 mg/kg (1-21D preg) EXPEAM 34,1319,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3 mg/kg JMPCAS 4,109,61
ipr-rat LD50:5 mg/kg JPETAB 89,186,47
orl-mus LD50:10 mg/kg NCILB* NCI-E-C-72-3252
ipr-mus LD50:25 mg/kg NTIS** AD277-689
orl-rbt LD50:40 mg/kg JMPCAS 4,109,61
STATUS:
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE;MOUSE,RAT (NCITR* NCI-CG-TR-148,78)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
UREAPHIL see: YR6250000

YU1610000 UREA, POLYMER with FORMALDEHYDE
UPDT:8402 CAS: 9011-05-6 MW: 90.10 MOLFM: C-H4-N2-O C-H2-O
SYN: ACRISIN FS 017 * AEROLITE 300 * AEROLITE A 300 * AEROLITE FFD * AGROFORM * AMIKOL 65 * ANAFLEX * BASF * BC 20 * BC 40 * BC 77 * BC 20 (POLYMER) * BECKAMINE 21-511 * BECKAMINE NF 5 * BECKAMINE P 136 * BECKAMINE P 138 * BECKAMINE P 138-60 * BECKAMINE P 196M * BEETLE 55 * BEETLE 60 * BEETLE 65 * BEETLE 80 * BEETLE 212-9 * BEETLE BE 685 * BEETLE BU 700 * BEETLE XB 1050 * BU 700 * CARBAMOL * CASCAMITE * CASCO SH * CASCO PR 335 * CASCO RESIN * CASCO UL 30 * CASCO WS 114-79 * CASCO WS 138-43 * CASCO WS 138-44 * CYREZ 933 * DEPREMOL M * DIAFORM UR * DIAKOL DM * DIAKOL F * DIAKOL M * DYNOMIN UI 16 * DYNOMIN UM 15 * EPOK U 9048 * FIBRASET TC * FORMALDEHYDE COPOLYMER with UREA * FORMALDEHYDE-UREA CONDENSATE * FORMALDEHYDE-UREA COPOLYMER * FORMALDEHYDE-UREA POLYMER * FORMALDEHYDE-UREA PRECONDENSATE * FORMALDEHYDE-UREA PREPOLYMER * FORMALDEHYDE-UREA RESIN * FORMALIN-UREA COPOLYMER * GABRITE * HYGROMULL * K 0 * K 17 * K 17(POLYMER) * K385 * K 8870 * K 411-02 * KARBAMOL * KARBAMOL B/M * KAURESIN K244 * KAURIT 420 * KAURIT 285 FL * KFS * KM 2 * KM 2 (POLYMER) * KNITTEX TC * KNITTEX TS * KOPREZ 87-110 * KS 11 * KS 35 * KS 68M * KS-M 0.3P * L 195 * LAREX * M 2 * POLY(METHI(BIS(HYDROXYMETHYL)UREYLENE)AMER * M 2 (POLYMER) * M 60 * M 60 (FORMALDEHYDE POLYMER) * M 70 * M 70 (POLYMER) * MCH 52 * MELAN 11 * METHYLOLUREA RESIN * MF * MF 1 * MF 17 * MF 27 * MFPS 1 * MF RESIN * MIRBANE SU 11BK * MKH 52 * MOULDRITE A256 * MPF 2 * N 50 * NOXYLIN * PARAFORMALDEHYDE-UREA POLYMER * PARAFORMALDEHYDE-UREA RESIN * PIANIZOL * PIATHERM * PIATHERM D * PLASTOPAL BT * PLYAMINE HD 1129A * PLYAMINE P 364BL * POLYNOXYLIN * PONOXYLAN * PR 703-78 * RESAMIN 155F * RESAMIN HW 505 * RESIMENE X 970 * RESIMENE X 975 * RESIMENE X 980 * RESIMINE 975 * RESINA X * SFK 70 * SK 75 * SK 75V * S-RESIN AER 20 * SUMIREZ 614 * SUMITEKKUSU REJIN 810 * SUMITEX 260 * SUMITEX 810 * SUMITEX NF 113 * SUMITEX RESIN 810 * T 101 * U 963 * UF 33 * UF 240 * UFORMITE 700 * UFORMITE F 240N * UKS 72 * UKS 73 * ULOID 22 * ULOID 100 * ULOID 301 * UL 52R * UMALUR * UM-G * URALITE * URALITE (POLYMER) * URAMINE T101 * URAMINE T105 * URAMINE TSL 58 * URAMITE * UREA-FORMALDEHYDE ADDUCT * UREA-FORMALDEHYDE CONDENSATE * UREA-FORMALDEHYDE COPOLYMER * UREA-FORMALDEHYDE OLIGOMER * UREA-FORMALDEHYDE POLYMER * UREA-FORMALDEHYDE PRECONDENSATE * UREA-FORMALDEHYDE PREPOLYMER * UREA-FORMALDEHYDE RESIN * UREAPAP W * URECOLL K * URECOLL KL * URECOLI S * URELIT C * URELIT HM * URELIT R * UREPRET * UROFIX * UST * W 70 * YUBAN 10HV * YUBAN 10S
MUTATION DATA AND REFERENCES:
dnd-esc 3000 ppm EESADV 2,133,78
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
UREA, 1-PROPARGYLAMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE see: YT1462800
UREA, 1-PROPYLAMIDINO-3-(alpha,alpha,alpha-TRIFLUORO-p-TOLYL)-, HYDROCHLORIDE see: YT5299000

YU1820000 UREA, SELENO-
UPDT:8406 CAS: 630-10-4 MW: 123.03 MOLFM: C-H4-N2-Se
SYN: RCRA WASTE NUMBER P103 * SELENOUREA
TOXICITY DATA AND REFERENCES:
orl-rat LD50:50 mg/kg TXAPA9 20,89,71
* ivn-mus LD50:56 mg/kg CSLNX* NX#05665
REVIEW AND REFERENCES:
★ TLV-TWA 200 ug(Se)/m3 DTLVS* 4,361,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 200 ug(Se)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
UREA, 1-(TETRAHYDRO-FURFURYL)AMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE see: YT1463000

YU2625000 UREA, 1,1,3,3-TETRAMETHYL-
UPDT:8405 CAS: 632-22-4 MW: 116.19 MOLFM: C5-H12-N2-O
SYN: TEMUR * TETRAMETHYLUREA * 1,1,3,3-TETRAMETHYLUREA * TETRAMETHYLUREE (French) * TMU
MUTATION DATA AND REFERENCES:
dni-hmn:lym 10 mmol/L PNASA6 79,1171,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T26T46 orl-rat TDLo:500 mg/kg (12D preg) TJADAB 23,335,81
1T34 orl-rat TDLo:250 mg/kg (12D preg) TJADAB 23,335,81
1T35 skn-rat TDLo:600 mg/kg (9D preg) TXAPA9 41,35,77
3T25T34T43 orl-mus TDLo:1 gm/kg (10D preg) TJADAB 23,335,81
1T46 orl-mus TDLo:1 gm/kg (10D preg) TJADAB 23,335,81
1T35 orl-mus TDLo:1499 mg/kg (8D preg) APFRAD 30,585,72
1T35 ipr-mus TDLo:999 mg/kg (8D preg) APFRAD 30,585,72
1T46 ipr-mus TDLo:999 mg/kg (11D preg) APFRAD 30,585,72
1T35 scu-mus TDLo:999 mg/kg (8D preg) APFRAD 30,585,72
1T46 scu-mus TDLo:999 mg/kg (11D preg) APFRAD 30,585,72
1T35 skn-rbt TDLo:1800 mg/kg (8-16D preg) TXAPA9 41,35,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1400 mg/kg ARZNAD 19,1073,69
* ivn-rat LD50:1100 mg/kg ACIEAY 3,260,64
* orl-mus LD50:2920 mg/kg AIPTAK 160,333,66
* ivn-mus LD50:2230 mg/kg AIPTAK 160,333,66
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YU2750000 UREA, 1,1,3,3-TETRAMETHYL-2-THIO-
UPDT:8408 CAS: 2782-91-4 MW: 132.25 MOLFM: C5-H12-N2-S
SYN: NA-101 * TETRAMETHYLTHIOUREA * 1,1,3,3-TETRAMETHYLTHIOUREA * TMTU
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T34 orl-rat TDLo:250 mg/kg (12D preg) TJADAB 23,335,81

1T35	skn-rat TDLo:500 mg/kg (11-12D preg)	TXAPA9 41,35,77
3T34T43T46	orl-mus TDLo:250 mg/kg (10D preg)	TJADAB 23,335,81

TUMORIGENIC DATA AND REFERENCES:

2V01N62	orl-rat TDLo:1848 mg/kg/79W-C	HunNJ# 10May77

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:920 mg/kg	HunNJ# 10May77
*	orl-mus LDLo:500 mg/kg	TJADAB 23,335,81

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 4 282*
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YU2760000 UREA, 1-(2,2,4,4-TETRAMETHYLVALERYL)-

UPDT:8411 CAS: 32905-71-8 MW: 200.32 MOLFM: C10-H20-N2-O2

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:1600 mg/kg	CHTPBA 6,208,71

UREA, THIO- (8CI) see: YU2800000

YU2800000 UREA, 2-THIO-

UPDT:8411 CAS: 62-56-6 MW: 76.13 MOLFM: C-H4-N2-S

SYN: ISOTHIOUREA * PSEUDOTHIOUREA * RCRA WASTE NUMBER U219 * SULOUREA * THIOCARBAMIDE * beta-THIOPSEUDOUREA * THIOUREA * 2-THIOUREA * THIOUREA (DOT) * THU * TSIZP 34 * UN 2877 (DOT) * UREA, THIO- (8CI) * USAF EK-497

MUTATION DATA AND REFERENCES:

	mmo-sat 150 ug/plate	ABCHA6 44,3017,80
	dnd-esc 20 umol/L	MUREAV 89,95,81
	mmo-smc 52600 umol/L	MGGEAE 174,39,79
	dni-hmn:lym 20 mmol/L	PNASA6 79,1171,82
	otr-rat:emb 100 mg/L	JJIND8 67,1303,81
	dnd-rat:lvr 30 mmol/L	SinJF# 26OCT82
	dns-rat:lvr 1 umol/L	CNREA8 42,3010,82
	hma-mus/sat 125 mg/kg	JJIND8 62,911,79
	otr-ham:emb 100 ug/L	IJCNAW 19,642,77
	otr-ham:emb 100 ug/L	JJIND8 67,1303,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T41T46	orl-rat TDLo:240 mg/kg (12D preg)	TJADAB 13,263,76
1T25	orl-rat TDLo:1 gm/kg (12D preg)	TJADAB 23,335,81
1T52	orl-rat TDLo:1400 mg/kg (16-22D preg)	AMASA4 32,271,75
1T25	orl-mus TDLo:1 gm/kg (10D preg)	TJADAB 23,335,81

TUMORIGENIC DATA AND REFERENCES:

3V01D29D45	orl-rat TDLo:78 gm/kg/56W-C	CNREA8 17,302,57
3V01D29D45	mul-rat TDLo:151 gm/kg/52W-I	CNREA8 17,302,57
2V02L60	orl-rat TD :18 gm/kg/2Y-C	SCIEAS 108,626,48
2V03L60	orl-rat TD :40 gm/kg/2Y-C	SCIEAS 108,626,48
3V03L50J30	orl-rat TD :1950 mg/kg/2Y-C	TXAPA9 11,88,67
2V03R60	mul-rat TD :179 gm/kg/1Y-I	CNREA8 14,494,54
2V03N62	orl-rat TD :90 gm/kg/1Y-I	BJEPA5 28,46,47

TOXICITY DATA AND REFERENCES:

3P01P13P20	orl-wmn TDLo:1660 mg/kg/5W	LANCAO 246,179,44
	unk-man LDLo:147 mg/kg	85DCAI 2,73,70
	orl-rat LD50:125 mg/kg	HBTXAC 5,177,59
*	ipr-rat LD50:436 mg/kg	FCTXAV 3,597,65
	orl-mus LD50:8500 mg/kg	FATOAO 28,230,65
	ipr-mus LD50:100 mg/kg	NTIS** AD277-689
	orl-rbt LDLo:6985 mg/kg	HBTXAC 5,177,59
	scu-gpg LDLo:4000 mg/kg	HBTXAC 5,177,59
	scu-frg LDLo:10000 mg/kg	HBTXAC 5,177,59

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: 85CVA2 5,250,70
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE IARC** 7,95,74

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:ST. ANDREWS CROSS CFRGBR 49,172.102,83

STATUS:

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YU2820000 UREA, THIO-, 2,2-DIOXIDE

UPDT:8411 CAS: 4189-44-0 MW: 108.13 MOLFM: C-H4-N2-O2-S

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:423 mg/kg	GTPZAB 16(6),51,72

UREA, 2-THIO-1-(THIOCARBAMOYL)- see: EC1575000

UREA, 1-(2,2,2-TRIFLUOROETHYL)AMIDINO-3-(2,6-XYLYL)-, HYDROCHLORIDE see: YT1464000

YU4725000 UREA, 1,1,3-TRIMETHYL-3-NITROSO-

UPDT:8401 CAS: 3475-63-6 MW: 131.16 MOLFM: C4-H9-N3-O2

SYN: N-NITROSO-TRIMETHYLHARNSTOFF (German) * NITROSOTRIMETHYLUREA * N-NITROSOTRIMETHYLUREA * 1,1,3-TRIMETHYL-3-NITROSOUREA * TRIMETHYLNITROSOHARNSTOFF (German) * N-TRIMETHYL-N-NITROSOUREA

MUTATION DATA AND REFERENCES:

	mmo-sat 7000 umol/L/48H	MUREAV 48,131,77
	mma-sat 1 ug/plate	MUREAV 51,319,78

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T59	ivn-rat TDLo:40 mg/kg (10D preg)	APEPA2 257,296,67

TUMORIGENIC DATA AND REFERENCES:

3V03A60C60	orl-rat TDLo:1070 mg/kg/53W-C	ZEKBAI 69,103,67
3V03A60C60	ivn-rat TDLo:1950 mg/kg/48W-I	ZEKBAI 69,103,67
2V03R60	orl-rat TD :1598 mg/kg/I	BTPGAZ 146,33,72
3V03A60K60	orl-rat TD :2950 mg/kg/47W-C	JJIND8 65,451,80

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:240 mg/kg	ZEKBAI 69,103,67
	ivn-rat LD50:240 mg/kg	ZEKBAI 69,103,67

STATUS:

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YU4900000 UREA, 1,1,3-TRIMETHYL-2-THIO-

UPDT:8412 CAS: 2489-77-2 MW: 118.22 MOLFM: C4-H10-N2-S

SYN: NCI-C02186 * TRIMETHYLTHIOUREA * N,N,N'-TRIMETHYLTHIOUREA * 1,1,3-TRIMETHYL-2-THIOUREA

TUMORIGENIC DATA AND REFERENCES:

2V01N62	orl-rat TDLo:13 gm/kg/77W-C	NCITR* NCI-CG-TR-129,79

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:316 mg/kg	NCILB* NCI-E-C-72-3252
	orl-mus LD50:215 mg/kg	NCILB* NCI-E-C-72-3252

STATUS:

★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NCITR* NCI-CG-TR-129,79)
★ NCI CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NCITR* NCI-CG-TR-129,79)
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YU4985000 UREA, (4-(3-((2-(2,6-XYLIDINO)ETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)-, MONOHYDROCHLORIDE

UPDT:8405 MW: 408.98 MOLFM: C20-H28-N4-O3 Cl-H

SYN: UREA, (4-(3-((2-((2,6-DIMETHYLPHENYL)AMINO)ETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)-, HCl * (4-(3-((2-(2,6-XYLIDINO)ETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)UREA HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

*	ivn-rat LD50:110 mg/kg	PHARAT 38,409,83

URECOLI S see: YU1610000
URECOLL K see: YU1610000
URECOLL KL see: YU1610000
UREGIT see: AG6600000
UREIDE DIMETHYLVALERIANIQUE (French) see: YT1576000
UREIDE METHYLETHYLCAPROIQUE (French) see: YT2930000
p-UREIDOBENZENEARSONIC ACID see: CF9275000
(p-UREIDOBENZENEARSYLENEDITHIO)DI-o-BENZOIC ACID see: DH3400000
2-UREIDO-1,4-DIHYDROISOQUINOLIN-3(2H)-ONE see: YT9952000
4-UREIDO-1-PHENYLARSONIC ACID see: CF9275000
(p-UREIDOPHENYLARSYLENEDITHIO)DIACETIC ACID see: AI6500000
(p-UREIDOPHENYLARSYLENEDITHIO)DI-o-BENZOIC ACID see: DH3400000
DL-UREIDOSUCCINIC ACID DIHYDRAZIDE see: EJ9852000
URELIT C see: YU1610000
URELIT HM see: YU1610000
URELIT R see: YU1610000

YU5941600 URENSIN

DEF:Isolated from CNIDOSCOLUS URENS (85GDA2 8(1),108,82)
UPDT:8308

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1800 mg/kg	85GDA2 8(1),283,82

UREOPHIL see: YR6250000
UREPRET see: YU1610000
URESE see: DK8400000
URETAN ETYLOWY (Polish) see: FA8400000
URETHAN see: FA8400000
URETHANE see: FA8400000
URETHANE POLYMERS see: TR7875000
URETHAN, PHENYL- see: FD8925000
URETHYLANE see: [illegible]C2450000
UREVERT see: [illegible]R6250000
UREX see: [illegible]B2625000
6,6'-UREYLENEBIS(1,1'-DIMETHYLQUINOLINIUM) SULFATE see: VC4022500
6,6'-UREYLENEBIS(1-METHYLQUINOLINIUM)BIS(METHOSULFATE) see: VC4022500
URGENIA MARITIMA see: VF7350000
URGILAN see: UK6650000
URI see: DO7525000
URIBEN see: QN2885000
URIC ACID, 1,3-DIMETHYL-8-(3-PIPERIDYLMETHYL)-6-THIO- see: XH6487800

YU7060000 URIC ACID, 3-HYDROXY-

UPDT:8401 CAS: 22151-75-3 MW: 184.13 MOLFM: C5-H4-N4-O4

SYN: 3-HYDROXYURIC ACID

TUMORIGENIC DATA AND REFERENCES

2V03V10	scu-rat TDLo:440 mg/kg/22W-I	BICHAW 10,4463,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

URICEMIL see: UR0785000
URICLAR see: QN2885000
URICOSID see: DG9400000
URICOVAC see: OB1804200
URIDINAL see: US7700000
URIDINAL see: US7875000

YU7350000 URIDINE, 5-BROMO-2'-DEOXY-

UPDT:8412 CAS: 59-14-3 MW: 307.13 MOLFM: C9-H11-Br-N2-O5

SYN: BDU * 5-BDU * BROMODEOXYURIDINE * 5-BROMODEOXYURIDINE * 5-BROMODESOXYURIDINE * 5-BROMO-2-DEOXYURIDINE * 5-BROMO-2'-DEOXYURIDINE * BROMOURACIL DEOXYRIBOSIDE * 5-BROMOURACIL DEOXYRIBOSIDE * 5-BROMOURACIL 2-DEOXYRIBOSIDE * BROXURIDINE * BRUDR * BUDR * 5-BUDR

MUTATION DATA AND REFERENCES:

	mmo-sat 100 uL/plate	GENTAE 49,343,64
	mmo-esc 10 mg/L	GENTAE 51,545,65
	dnr-esc 30 mg/L	MGGEAE 171,135,79
	dnd-esc 30 mg/L	MUREAV 108,13,83
	mmo-omi 100 mg/L	MGGEAE 128,359,74
	mmo-omi 1600 mg/L	MUREAV 23,267,74
	mmo-omi 1200 mg/L	ZAPOAK 16,279,76
	mmo-omi 50 mg/L	SOGEBZ 6,1623,70
	mmo-omi 16 umol/L	AVIRA2 21,397,77
	dnd-omi 7500 ng/L	JNCSAI 17,495,75
	dns-omi 1 mmol/L	EJBCAI 62,345,76
	oms-omi 7500 ng/L	JNCSAI 17,495,75
	sce-dmg-orl 25 mg/L	GENTAE 100,259,82
	sce-dmg:oth 250 ug/L	GENTAE 100,259,82
	sce-dmg:oth 10 mg/L	CHROAU 69,339,78
	sln-dmg-par 16 mmol/L	BCPCA6 15,299,66
	cyt-grh-orl 48 gm/kg	NULSAK 11,50,68
	dnd-nml:emb 50 mg/L	NATUAS 249,350,74
	sce-nml-skn 20 umol/L	MUREAV 105,235,82
	sce-ofs-ipr 500 mg/kg	CHROAU 56,101,76
	sce-ofs-ims 500 mg/kg	NULSAK 25,161,82
	mnt-hmn:fbr 82 umol/L	MUREAV 4,353,67
	dni-hmn:hla 1 mmol/L	MUREAV 93,447,82
	cyt-hmn:fbr 82 umol/L	MUREAV 4,353,67
	cyt-hmn:leu 200 mg/L	ECREAL 34,182,64
	cyt-hmn:lym 13 mg/L	CYTOAN 46,387,81
	sce-hmn:lym 20 umol/L	HEREAY 83,163,76
	sce-hmn:leu 10 mg/L	AGTQAH 19,225,76
	msc-hmn:fbr 15 mg/L	CSHSAZ 29,151,65
	msc-hmn:lym 100 umol/L	LIFSAK 19,563,76
	dnd-rat:emb 100 umol/L	PNASA6 71,3570,74
	dnd-rat:oth 1 umol/L	NATUAS 256,438,75
	dni-rat-scu 1087 mg/kg	ENMUDM 5,695,83
	oms-rat:lym 1 umol/L	ENMUDM 4,585,82
	cyt-rat:lym 25 umol/L	ENMUDM 4,585,82
	sce-rat-ivn 20 mg/kg/24H-C	ECREAL 102,426,76
	sce-rat:lym 1 umol/L	ENMUDM 4,585,82
	msc-rat-scu 1087 mg/kg	ENMUDM 5,695,83
	msc-rat:oth 5 mg/L	ENMUDM 5,695,83
	spm-rat-scu 150 mg/kg	JEZOAO 200,1,77
	otr-mus:fbr 50 mg/L	CNREA8 42,2407,82
	dnd-mus:fbr 72 umol/L	BBRCA9 59,920,74
	cyt-mus:fbr 90 umol/L	CHROAU 77,379,80
	cyt-mus-ipr 20 mg/kg	DABBBA 39,3688,79
	cyt-mus:emb 50 mg/L	CHROAU 23,162,67
	cyt-mus:lym 10 mg/L/4W-C	PNASA6 47,396,61
	cyt-mus:ast 5 mg/L	PNASA6 47,396,61

sce-mus-ivn 4 mg/kg/26H MUREAV 60,339,79
sce-mus:emb 500 ug/L MUREAV 60,339,79
sce-mus-scu 1200 mg/kg ENMUDM 2,35,80
sce-mus-imp 220 mg/kg SCGTDW 4,393,78
sce-mus-ipr 200 mg/kg ECREAL 118,431,79
sce-mus:oth 1 umol/L CNREA8 44,703,84
msc-mus:emb 1250 nmol/L CNREA8 42,817,82
spm-mus-par 10 gm/kg ARTODN 46,159,80
spm-mus-ipr 200 mg/kg ECREAL 118,431,79
trn-mus-ipr 50 mg/kg GNTKDF 9,109,77
mnt-ham:ovr 5 umol/L CGCGBR 28,47,80
slt-ham:ovr 50 umol/L CGCGBR 28,47,80
dnd-ham:emb 1 umol/L CNREA8 39,2356,79
cyt-ham:ovr 50 umol/L CGCGBR 28,47,80
cyt-ham:oth 25 mg/L/28H-C PNASA6 47,396,61
cyt-ham:fbr 25 mg/L PNASA6 48,937,62
sce-ham:ovr 12 umol/L JCLBA3 83(2,part 2),443a,79
sce-ham:oth 40 mg/L NATUAS 251,70,74
sce-ham:fbr 100 umol/L MUREAV 111,277,83
msc-ham:lng 10 mmol/L/1H MUREAV 40,63,76
msc-ham:ovr 300 umol/L MUREAV 36,357,76
msc-ham:oth 5 mg/L MUREAV 16,89,72
msc-ham:kdy 10 mg/L GENTAE 77,309,74
msc-ham:fbr 5 mg/L PNASA6 71,5027,74
msc-ham:oth 30 umol/L PNASA6 75,4982,78
spm-ham-par 80 ug/kg MUREAV 6,173,68
sce-mky:lym 30 umol/L EXPEAM 38,542,82
dnd-ckn:emb 500 ug/L EXPEAM 39,1134,83
cyt-ctl:lym 20 mg/L CARYAB 36,285,83
cyt-mam:lym 50 mg/L MUREAV 81,63,81
sce-ctl:lym 2 mg/L ENMUDM 1,176,79
sce-pig:lym 2 mg/L ENMUDM 1,176,79
sce-dom:lym 2 mg/L ENMUDM 1,176,79
sce-mam-scu 1 gm/kg CHROAU 57,13,76
sce-mam:lym 30 umol/l EXPEAM 38,542,82

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T33 ipr-rat TDLo:250 mg/kg (13D preg) TJADAB 23,383,81
2T34T46 ipr-rat TDLo:200 mg/kg (13D preg) TAKHAA 30,636,71
1T42 ipr-rat TDLo:200 mg/kg (10D preg) TAKHAA 30,636,71
2T76T81 ipr-rat TDLo:700 mg/kg (9-15D preg) TAKHAA 30,636,71
2T43T46 ipr-mus TDLo:300 mg/kg (10D preg) TJADAB 4,87,71
2T41T42 ipr-mus TDLo:200 mg/kg (8D preg) TAKHAA 30,636,71
2T34T46 ipr-mus TDLo:200 mg/kg (11D preg) TAKHAA 30,636,71
1T41 ipr-mus TDLo:300 mg/kg (7D preg) TJADAB 4,87,71
1T39 ivn-mus TDLo:40 mg/kg (6D preg) EXPEAM 33,448,77
2T25T33 par-mus TDLo:1200 mg/kg (9D preg) TJADAB 26,195,82
2T42T46 par-mus TDLo:600 mg/kg (9D preg) TJADAB 26,195,82
1T25 par-mus TDLo:1 gm/kg (7D preg) TJADAB 4,242,71
1T43 par-mus TDLo:1 gm/kg (10D preg) TJADAB 4,242,71
1T34 ipr-ham TDLo:400 mg/kg (8D preg) JEEMAF 43,47,78
2T43T46 ipr-ham TDLo:400 mg/kg (10D preg) JEEMAF 43,47,78
1T25 ipr-ham TDLo:640 mg/kg (8D preg) JEEMAF 43,47,78
1T35 ivn-ham TDLo:400 mg/kg (8D preg) LIFSAK 4,633,65
3T41T42T46 ivn-ham TDLo:400 mg/kg (8D preg) LIFSAK 4,633,65
1T25 ivn-ham TDLo:400 mg/kg (8D preg) ANREAK 151,473,65

TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8400 mg/kg IYKEDH 4,467,73
* ipr-rat LD50:1500 mg/kg ADTEAS 3,181,68
* scu-rat LD50:3900 mg/kg NIIRDN 6,721,82
* ivn-rat LD50:3100 mg/kg IYKEDH 4,467,73
* unk-rat LD50:2300 mg/kg NIIRDN 6,721,82
* ivn-mus LD50:2500 mg/kg NIIRDN 6,721,82
* ipr-mus LD50:3100 mg/kg NIIRDN 6,721,82
* scu-mus LD50:3500 mg/kg NIIRDN 6,721,82
* ivn-mus LD50:2700 mg/kg IYKEDH 4,467,73

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YU7355000 URIDINE, 5-(2-BROMOVINYL)-2'-DEOXY-, (E)-
UPDT:8311 CAS: 69304-47-9 MW: 321.16 MOLFM: C10-H13-Br-N2-O5
SYN: (E)-5-(2-BROMOVINYL)-DEOXYURIDINE * trans-5-(2-BROMOVINYL)-2'-DEOXYURIDINE

MUTATION DATA AND REFERENCES:
sce-hmn:lym 50 mg/L BMJOAE 283,817,81
sce-hmn:fbr 50 mg/L BMJOAE 283,817,81
sce-hmn:lng 50 mg/L MUREAV 117,317,83

YU7490000 URIDINE, 2'-DEOXY-
UPDT:8401 CAS: 951-78-0 MW: 228.23 MOLFM: C9-H12-N2-O5
SYN: DEOXYRIBOSE URACIL * DEOXYURIDINE * 2'-DEOXYURIDINE * 2'-DESOXYURIDINE * dU * URACIL DESOXYURIDINE * dURD

MUTATION DATA AND REFERENCES:
dni-ham:lng 1 mmol/L BICMBE 64,809,82
msc-ham:lng 1 mmol/L BICMBE 64,809,82

STATUS:
REPORTED IN EPA TSCA INVENTOPY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

YU7495000 URIDINE, 2'-DEOXY-5-(2-CHLOROVINYL)-, (E)-
UPDT:8311 MW: 193.69 MOLFM: C11-H12-Cl-N
SYN: (E)-5-(2-CHLOROVINYL)-2'-DEOXYURIDINE * (E)-2'-DEOXY-5-(2-CHLOROVINYL)URIDINE

MUTATION DATA AND REFERENCES:
sce-hmn:lng 50 mg/L MUREAV 117,317,83

YU7510000 URIDINE, 2'-DEOXY-5-ETHYNYL-
UPDT:8311 MW: 252.25 MOLFM: C11-H12-N2-O5
SYN: 2'-DEOXY-5-ETHYNYLURIDINE * 5-ETHYNYL-2'-DEOXYURIDINE

MUTATION DATA AND REFERENCES:
sce-hmn:lng 500 ug/L MUREAV 117,317,83

YU7525000 URIDINE, 2'-DEOXY-5-FLUORO-
UPDT:8412 CAS: 50-91-9 MW: 246.22 MOLFM: C9-H11-F-N2-O5
SYN: DEOXYFLUOROURIDINE * 2'-DEOXY-5-FLUOROURIDINE * 1-beta-D-2'-DEOXYRIBOFURANOSYL-5-FLUROURACIL * FDUR * FLOXURIDIN * FLOXURIDINE * FLUORODEOXYURIDINE * 5-FLUORODEOXYURIDINE * 5-FLUORO-2-DEOXYURIDINE * 5-FLUORO-2'-DEOXYURIDINE * 5-FLUOROURACIL DEOXYRIBOSIDE * 5-FLUOROURACIL 2-DEOXYRIBOSIDE * FUDR * 5-FUDR * NSC 27640 * beta-5-FLUORO-2'-DEOXYURIDINE

MUTATION DATA AND REFERENCES:
pic-esc 10 ug/plate CNREA8 43,2819,83
mmo-omi 5 mg/L MGBUA3 29,13,68
cyt-dmg-orl 12500 ug/L CNJGA8 20,259,78
sln-dmg-par 20 mmol/L BCPCA6 15,299,66
sln-dmg-orl 12500 ug/L CNJGA8 20,259,78
mrc-smc 1 pph JJIND8 62,901,79
mrc-ssp 10 ug/L EXPEAM 22,151,66
dnd-hmn:leu 500 nmol/L CNREA8 43,5145,83
dns-hmn:hla 100 nmol/L BCPCA6 14,205,65
oms-hmn:oth 1 mg/L CNREA8 39,1952,79
dni-hmn:oth 500 ug/L CNREA8 39,1952,79
dni-hmn:hla 10 umol/L RAREAE 37,334,69
dni-hmn:lym 25 mg/L BBRCA9 60,96,74
dni-hmn:oth 1 umol/L CNREA8 42,3005,82
oms-hmn:oth 1 umol/L CNREA8 42,3005,82
oms-hmn:oth 10 mg/L CNREA8 32,2661,72
oms-hmn:hla 5 mg/L JCLLAX 69,331,67
cyt-hmn:leu 200 umol/L/24H 22XWAN -,367,70
cyt-hmn:lym 200 nmol/L SOGEBZ 17,1438,81
cyt-hmn:leu 50 mg/L AACHAX -,306,65
dni-rat:oth 5 mg/L JNEUBZ 5,151,74
otr-mus:emb 100 nmol/L/24H CNREA8 36,101,76
oms-mus-ipr 500 umol/kg CNREA8 39,2406,79
dni-mus-ipr 100 mg/kg AJANA2 137,67,73
dni-mus:fbr 2 umol/L/23M-C JCLBA3 58,410,73
dni-mus:mmr 1 mg/L CNREA8 35,3146,75
dni-mus:leu 300 ug/L CNREA8 35,1301,75
oms-mus-ipr 100 mg/kg CNREA8 39,2406,79
oms-mus-ipr 45 mg/kg TJADAB 17,229,78
dni-mus:emb 100 nmol/L PAACA3 24,295,83
dni-mus:oth 1 umol/L BIJOAK 123,385,71
cyt-mus-ipr 100 mg/kg AJANA2 137,67,73
msc-mus:emb 6 nmol/L CNREA8 42,817,82
msc-mus:oth 100 nmol/L BBACAQ 68,84,63
dni-ham:ovr 100 mg/L JCLBA3 59,224a,73
cyt-ham:fbr 10 umol/L CSFUDY 5,175,80
sce-ham:fbr 10 umol/L CSFUDY 5,175,80
msc-ham:ovr 200 ug/L CNREA8 39,808,79
msc-ham:lng 150 nmol/L PAACA3 24,285,83

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T43 ipr-rat TDLo:100 mg/kg (12D preg) JOANAY 126,37,78
2T43T59 ipr-rat TDLo:100 mg/kg (12D preg) JOANAY 124,494,77
1T46 ipr-rat TDLo:25 mg/kg (12D preg) TJADAB 25,95,82
3T41T42T46 ipr-rat TDLo:25 mg/kg (10D preg) FAATDF 4,356,84
1T46 ivn-rat TDLo:50 mg/kg (11D preg) JEEMAF 42,93,77
1T26 unk-rat TDLo:25 mg/kg (10D preg) TJADAB 19,43A,79
1T83 ipr-mus TDLo:10 mg/kg (16D preg) TJADAB 29(2),58,84
3T41T43T46 ipr-mus TDLo:60 mg/kg (9D preg) AMBPBZ 79,55,71
2T25T46 ipr-mus TDLo:10 mg/kg (8D preg) TJADAB 3,315,70
1T46 ipr-mus TDLo:5 mg/kg (12D preg) TJADAB 23,241,81
1T34 ipr-mus TDLo:25 mg/kg (10D preg) TJADAB 23,241,81
2T33T41 unk-mus TDLo:45 mg/kg (12D preg) AJANA2 137,87,73

TOXICITY DATA AND REFERENCES:
3K12K13K30 ivn-hmn TDLo:5 mg/kg/14D-C CANCAR 34,972,74
2K30P26 unk-man TDLo:30 mg/kg CNCRA6 50,219,66
orl-rat LD50:215 mg/kg NCILB* NCI-E-C-72-3252
ipr-rat LD50:1600 mg/kg CPCHAO 18,307,62
unk-rat LD10:89 mg/kg CNCRA6 50,219,66
orl-mus LD50:147 mg/kg NCILB* NCI-E-C-72-3252
ipr-mus LD50:650 mg/kg CNCRA6 6,94,60
unk-mus LD10:160 mg/kg CNCRA6 50,219,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75; ARVPAX 5,447,65; CRTXB2 2,159,73

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YU7600000 URIDINE, 2'-DEOXY-5-(HYDROXYMETHYL)-
UPDT:8311 CAS: 5116-24-5 MW: 258.26 MOLFM: C10-H14-N2-O6
SYN: 2'-DEOXY-5-(HYDROXYMETHYL)URIDINE * 5-HYDROXYMETHYL-2'-DEOXYURIDINE * THYMIDINE, alpha-HYDROXY- (9CI)

MUTATION DATA AND REFERENCES:
sce-hmn:lng 5 mg/L MUREAV 117,317,83

YU7700000 URIDINE, 2'-DEOXY-5-IODO-
UPDT:8412 CAS: 54-42-2 MW: 354.12 MOLFM: C9-H11-I-N2-O5
SYN: ALLERGAN 211 * DENDRID * 2'-DEOXY-5-IODOURIDINE * 1-(2-DEOXY-beta-D-RIBOFURANOSYL)-5-IODOURACIL * 1-beta-D-2'-DEOXYRIBOFURANOSYL-5-IODOURACIL * EMANIL * HERPESIL * HERPIDU * HERPLEX * HERPLEX LIQUIFILM * IDEXUR * IDOXENE * IDOXURIDIN * IDOXURIDINE * IDU * IDUCHER * IDULEA * IDUOCULOS * IDUR * IDURIDIN * 5-IODODEOXYURIDINE * 5-IODO-2'-DEOXYURIDINE * 5-IODOURACIL DEOXYRIBOSIDE * IUDR * 5IUDR * JODDEOXIURIDIN * KERECID * NSC 39661 * OPHTHALMADINE * SK&F 14287 * STOXIL * SYNMIOL

MUTATION DATA AND REFERENCES:
pic-esc 1 gm/L ZAPOAK 12,583,72
sln-dmg-par 14 mmol/L BCPCA6 15,299,66
sce-hmn:lym 50 mg/L BMJOAE 283,817,81
sce-hmn:fbr 50 mg/L BMJOAE 283,817,81
msc-hmn:fbr 15 mg/L CSHSAZ 29,151,65
msc-hmn:lym 100 umol/L LIFSAK 19,563,76
cyt-mus-ipr 130 ng/kg NULSAK 20,252,77
spm-mus-ipr 100 mg/kg/5D PNASA6 72,4425,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 ipr-mus TDLo:100 mg/kg (7D preg) EXPEAM 29,198,73
1T41 ipr-mus TDLo:300 mg/kg (7D preg) EXPEAM 29,198,73
2T43T46 ipr-mus TDLo:300 mg/kg (10D preg) EXPEAM 29,198,73
1T71 scu-mus TDLo:600 mg/kg (16-18D preg) TJADAB 11,103,75
2T25T43 unk-mus TDLo:300 mg/kg (10D preg) TXAPA9 25,453,73
3T35T42T46 ocu-rbt TDLo:1350 mg/kg (6-18D preg) AROPAW 93,46,75
3T35T42T46 ocu-rbt TDLo:3250 ug/kg (6-18D preg) RIGAA3 26,631,72

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:4000 mg/kg ADTEAS 3,181,68
* ipr-mus LD50:1000 mg/kg JJIND8 62,911,79

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YU7750000 URIDINE, 2'-DEOXY-5-(2-IODOVINYL)-, (E)-
UPDT:8311 MW: 380.16 MOLFM: C11-H13-I-N2-O5
SYN: (E)-2'-DEOXY-5-(2-IODOVINYL)URIDINE * (E)-5-(2-IODOVINYL)-2'-DEOXYURIDINE

MUTATION DATA AND REFERENCES:
sce-hmn:lng 50 mg/L MUREAV 117,317,83

YU7910000 URIDINE, 2'-DEOXY-5-NITRO-, 5'-DIHYDROGEN PHOSPHATE
UPDT:8311
SYN: 2'-DEOXY-5-NITROURIDINE 5'-DIHYDROGEN PHOSPHATE * 5-NITRO-2'-DEOXYURIDINE MONOPHOSPHATE

MUTATION DATA AND REFERENCES:
sce-hmn:lng 5 mg/L MUREAV 117,317,83

YU7930000 URIDINE, 2'-DEOXY-5-(1-PROPENYL)-, (E)-
UPDT:8311 MW: 268.30 MOLFM: C12-H16-N2-O5
SYN: (E)-2'-DEOXY-5-(1-PROPENYL)URIDINE * (E)-5-(1-PROPENYL)-2'-DEOXYURIDINE
MUTATION DATA AND REFERENCES:
sce-hmn:lng 50 mg/L MUREAV 117,317,83

YU7950000 URIDINE, 2'-DEOXY-5-(TRIFLUOROMETHYL)-
UPDT:8311 MW: 280.23 MOLFM: C10-H11-F3-N2-O4
SYN: 2'-DEOXY-5-(TRIFLUOROMETHYL)URIDINE * 5-TRIFLUOROMETHYL-DEOXYURIDINE
MUTATION DATA AND REFERENCES:
sce-hmn:lym 5 mg/L BMJOAE 283,817,81
sce-hmn:fbr 500 ug/L BMJOAE 283,817,81
sce-hmn:lng 5 mg/L MUREAV 117,317,83

YU7960000 URIDINE, 2'-DEOXY-5-(3,3,3-TRIFLUORO-1-PROPENYL)-, (E)-
UPDT:8311 MW: 322.27 MOLFM: C12-H13-F3-N2-O5
SYN: (E)-2'-DEOXY-5-(3,3,3-TRIFLUORO-1-PROPENYL)URIDINE * (E)-5-(3,3,3-TRIFLUORO-1-PROPENYL)-2'-DEOXYURIDINE
MUTATION DATA AND REFERENCES:
sce-hmn:lng 200 mg/L MUREAV 117,317,83

YU7970000 URIDINE, 2'-DEOXY-5-VINYL-
UPDT:8311 MW: 254.27 MOLFM: C11-H14-N2-O5
SYN: 2'-DEOXY-5-VINYLURIDINE * 5-VINYL-DEOXYURIDINE
MUTATION DATA AND REFERENCES:
sce-hmn:lym 5 mg/L BMJOAE 283,817,81
sce-hmn:fbr 50 ug/L BMJOAE 283,817,81
sce-hmn:lng 50 ug/L MUREAV 117,317,83

YU8050000 URIDINE, 5-FLUORO-
UPDT:8405 CAS: 316-46-1 MW: 262.22 MOLFM: C9-H11-F-N2-O6
SYN: 5-FLUOROURIDINE * FUR * 5-FUR
MUTATION DATA AND REFERENCES:
mmo-omi 20 mg/L VIRLAX 74,154,76
dns-hmn:hla 10 umol/L BCPCA6 14,205,65
cyt-hmn:lym 10 ug/L HEREAY 88,127,78
oms-mus-ipr 500 umol/kg CNREA8 39,2406,79
dni-mus-ipr 500 umol/kg CNREA8 39,2406,79
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:400 mg/kg ADTEAS 3,181,68
3K12K30U01 ipr-mus LD50:160 mg/kg CNREA8 39,2406,79
scu-mus LD50:384 mg/kg CNCRA6 6,94,60
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75

YU8055000 URIDINE, 4-HYDRAZONE
UPDT:8403 CAS: 57294-74-3 MW: 258.27 MOLFM: C9-H14-N4-O5
SYN: N(sup 4)-AMINOCYTIDINE
MUTATION DATA AND REFERENCES:
mmo-sat 50 nmol/plate NARHAD 11,5223,83
mmo-sat 50 nmol/plate NARHAD 11,5223,83
mmo-esc 50 nmol/plate NARHAD 11,5223,83
mmo-esc 50 nmol/plate NARHAD 11,5223,83
mmo-omi 10 umol/L NARHAD 11,5223,83

YU8080000 URIDINE, 4-OXIME
UPDT:8403 CAS: 3258-02-4 MW: 259.25 MOLFM: C9-H13-N3-O6
SYN: N-4-HYDROXYCYTIDINE * 4-N-HYDROXYCYTIDINE
MUTATION DATA AND REFERENCES:
mmo-sat 100 mg/L BBRCA9 56,459,74
mmo-sat 500 ug/plate MUREAV 56,225,78
mmo-esc 1 umol/plate NARHAD 11,5223,83
mmo-esc 1 umol/plate NARHAD 11,5223,83
mmo-omi 1 mmol/L NARHAD 11,5223,83
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

YU8083000 URIDINE, 5'-(TETRAHYDROGEN TRIPHOSPHATE)
UPDT:8305 CAS: 63-39-8 MW: 484.17 MOLFM: C9-H15-N2-O15-P3
SYN: URIDINE TRIPHOSPHATE * URIDINE 5'-TRIPHOSPHATE * URIDINE 5'-TRIPHOSPHORIC ACID * UTEPLEX * UTP * 5'-UTP
MUTATION DATA AND REFERENCES:
oms-hmn:oth 1 mmol/L JIDEAE 65,52,75

URIDINE TRIPHOSPHATE see: YU8083000
URIDINE 5'-TRIPHOSPHATE see: YU8083000
URIDINE 5'-TRIPHOSPHORIC ACID see: YU8083000
URIDION see: NK5156000
URIDOGNOST see: US7970000
URILO EXTRACT (Indian) see: NH3342000
URINARY HEBIN see: LP6330000
URINEX see: DK9450000
URIODONE see: UR8750000
URIPLEX see: US7875000
URISAL see: QN2885000
URISOXIN see: WO9100000
URISPAS see: DJ2450000
URITAS see: UR0785000
URITONE see: MN4725000
URITRATE see: JI5075000
URITRISIN see: WO9100000
URIZEPT see: MU2800000
URLEA see: DK8225000
URNER'S LIQUID see: AG6125000
URO-ALVAR see: JI5075000
UROBENYL see: UR0785000
UROBIOTIC-250 see: US7875000
UROCANIC ACID see: NI3425200
UROCANINIC ACID see: NI3425200
UROCONTRAST see: MR8162000
URODIAZIN see: DK9100000
URODINE see: US7700000
URODINE see: US7875000
URODIXIN see: QN2885000
UROFEEN see: US7875000
UROFIX see: YU1610000
UROGAN see: WO9100000
UROKON see: DG0888000
UROKON SODIUM see: DG0888000
UROLOCIDE see: BO7525000
UROMAN see: QN2885000
UROMIDE see: US7875000
UROMIRO see: DG0895000
UROMIRON see: DG0895000
UROMITEXAN see: KI7968000
UROMUCAESTHIN see: DG4725000
UROMYCINE see: LY2450000
URONAL see: CQ3500000
URONEG see: QN2885000
UROPAC see: US7970000
UROPAN see: QN2885000
UROPHENYL see: US7875000
UROPYRIDIN see: US7875000
UROPYRINE see: US7875000
UROSELECTAN B see: US7970000
UROSEMIDE see: CB2625000
UROSIN see: UR0785000
UROSULFON see: AC8450000
UROSULFONE see: AC8450000
UROTRAST see: US7970000
UROTRAST see: PB1960000 METHANESULFONIC ACID, DIIODO-, SODIUM SALT
UROTRATE see: JI5075000
UROTROPIN see: MN4725000
UROTROPINE see: MN4725000
UROVISON see: DG6125000
UROVIST see: LZ4315000
UROX see: AJ8050000
UROX 379 see: AJ8050000
UROX B see: YQ9100000
UROX B WATER SOLUBLE CONCENTRATE WEED KILLER see: YQ9100000
UROX D see: YS8925000
UROX-HX see: YQ9100000
UROX HX GRANULAR WEED KILLER see: YQ9100000
UROXOL see: JI5075000
URSACOL see: FZ2000000

YU9625000 URS-12-EN-28-OIC ACID, 2alpha,3beta,23-TRIHYDROXY-, O-6-DEOXY-alpha-L-MANNOPYRANOSYL-(1-4)-o-beta-D-GLUCOPYRANOSYL-(1-6)-o-beta-D-GLUCOPYRANOSYL ESTER
UPDT:8405 CAS: 16830-15-2 MW: 959.26 MOLFM: C48-H78-O19
SYN: ASIATICOSIDE * BLASTOESTIMULINA * CENTELASE * DERMATOLOGICO * MADECASSOL
TUMORIGENIC DATA AND REFFRENCES:
2V03R60 skn-mus TDLo:400 mg/kg/52W-I CNREA8 32,1463,72
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CTRRDO 60,1171,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

URSO see: FZ2000000
URSOCHOL see: FZ2000000
URSODEOXYCHOL see: FZ2000000
URSODEOXYCHOLIC ACID see: FZ2000000
URSODESOXYCHOLIC ACID see: FZ2000000
URSOFALK see: FZ2000000
URSOFERRAN see: NI2200000
URSOL BROWN O see: SS8925000
URSOL BROWN RR see: ST3000000
URSOL D see: SS8050000
URSOL EG see: SJ4900000
URSOL ERN see: QL2800000
URSOL OLIVE 6G see: SS8850000
URSOL P see: SJ5075000
URSOL P BASE see: SJ5075000
URSOL SLA see: ST2705000
URSOLVAN see: FZ2000000
URSOSELEVIT PRO INJ. see: VS7460000
URTAL see: AT6970000
URTAL 1223 see: AT6970000
URTOSAL see: VN6475000
URUMBRIN see: US7970000

YV0610000 URUSHIOL, POISON OAK
DEF:The composition of POISON OAK URUSHIOL was 6.8% MONO-, 10.2% DI- and 83% TRIOLEFIN(TXCYAC 26,135,83)
UPDT:8402
SYN: POISON OAK URUSHIOL
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:74 mg/kg TXCYAC 26,135,83

YV0610100 URUSHIOL, POISON OAK, ACETATE
DEF:The composition of POISON OAK URUSHIOL was 6.8% MONO-, 10.2% DI- and 83% TRIOLEFIN(TXCYAC 26,135,83)
UPDT:8402
SYN: POISON OAK URUSHIOL ACETATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:325 mg/kg TXCYAC 26,135,83

U.S.-67 see: WO9100000
USACERT BLUE No. 2 see: DU3000000
USACERT BLUE NO. 1 see: BQ4725000
USACERT FD & C RED NO. 4 see: QK2705000
USACERT FD & C YELLOW NO. 6 see: QK2450000
USACERT RED No. 1 see: QJ6650000
USACERT RED NO. 2 see: QJ6550000
USACERT RED NO. 3 see: LM5950000
USACERT RED NO. 4 see: QK2705000
USACERT YELLOW NO. 5 see: UQ6400000
USACERT YELLOW NO. 6 see: QK2450000
USAF A-1705 see: YV9450000
USAF A-3701 see: XJ5425000
USAF A-4600 see: OO3150000
USAF A-6598 see: MF1400000
USAF A-7189 see: MF0525000
USAF A-8354 see: XI3850000
USAF A-8564 see: UG2975000
USAF A-8798 see: UG1400000
USAF A-9442 see: WN3850000
USAF A-19120 see: DP6650000
USAF A-25318 see: TK6025000
USAF AM-1 see: KV3500000
USAF AM-5 see: AB2975000
USAF AM-6 see: ES3500000
USAF AN-7 see: SL7700000
USAF AN-9 see: CZ6650000
USAF AN-11 see: PA1800000
USAF AN-12 see: OM2457800
USAF AN-15 see: PA2100000
USAF AN-16 see: PA2450000
USAF B-15 see: GP3150000
USAF B-17 see: QE3325000
USAF B-21 see: MX6300000
USAF B-22 see: SN0525000
USAF B-24 see: VB8225000

BEST COPY

USAF B-30 see: JO1400000
USAF B-32 see: WQ1750000
USAF B-44 see: EC1460000
USAF B-51 see: DC1925000
USAF B-53 see: UM0265000
USAF B-58 see: LU2100000
USAF B-62 see: UM0050000
USAF B-64 see: UL8660000
USAF B-100 see: YS9450000
USAF B-115 see: UM8400000
USAF B-121 see: UX9625000
USAF BE-4-5 see: XJ6276000
USAF BO-1 see: SA1225000
USAF C-1 see: XJ5425000
USAF CB-2 see: NS1750000
USAF CB-7 see: CP0175000
USAF CB-10 see: AU7175000
USAF CB-11 see: MF8750000
USAF CB-13 see: LP5425000
USAF CB-17 see: ZD7700000
USAF CB-18 see: AU6125000
USAF CB-19 see: QP4375000
USAF CB-20 see: XI7350000
USAF CB-21 see: AC8925000
USAF CB-22 see: QM2100000
USAF CB-27 see: ZG0350000
USAF CB-28 see: XY8050000
USAF CB-29 see: AM0700000
USAF CB-30 see: XY7700000
USAF CB-35 see: AI5950000
USAF CB-96 see: YN7000000
USAF CF-3 see: MK6650000
USAF CF-5 see: VM2975000
USAF CS-6 see: RC2275000
USAF CY-2 see: GS6000000
USAF CY-6 see: SL9800000
USAF CY-7 see: DL5950000
USAF CY-9 see: DJ1575000
USAF CY-10 see: QL7175000
USAF CZ-1 see: OI1575000
USAF D-1 see: AC4200000
USAF D-3 see: OV8050000
USAF D-4 see: UK9450000
USAF D-9 see: FD9100000
USAF DM-1 see: XJ6276000
USAF DO-1 see: KM5600000
USAF DO-11 see: VO3150000
USAF DO-12 see: MW5775000
USAF DO-20 see: GV8750000
USAF DO-22 see: TL6825000
USAF DO-24 see: AI3000000
USAF DO-30 see: DV4725000
USAF DO-32 see: BS5950000
USAF DO-36 see: TL6300000
USAF DO-41 see: UB0350000
USAF DO-42 see: UB0175000
USAF DO-44 see: EL9275000
USAF DO-45 see: AB2800000
USAF DO-46 see: TK8050000
USAF DO-50 see: KL6650000
USAF DO-52 see: KL7525000
USAF DO-55 see: AI2975000
USAF EA-1 see: RQ3675000
USAF EA-2 see: MU2800000
USAF EA-3 see: LT7400000
USAF EA-4 see: LT7700000
USAF EA-5 see: LT7525000
USAF EA-14 see: LT7875000
USAF EE-3 see: KJ0200000
USAF EK-3 see: AD7350000
USAF EK-206 see: SS9800000
USAF EK-218 see: VA9275000
USAF EK-245 see: FE1225000
USAF EK-338 see: BX7350000
USAF EK-356 see: MX3500000
USAF EK-394 see: SS8050000
USAF EK-442 see: CY0875000
USAF EK-488 see: AL7700000
USAF EK-496 see: AM5250000
USAF EK-497 see: YU2800000
USAF EK-600 see: FE3150000
USAF EK-678 see: ST0175000
USAF EK-704 see: CN1400000
USAF EK-794 see: VC4200000
USAF EK-906 see: EL9275000
USAF EK-1235 see: UG7175000
USAF EK-1270 see: MF0875000
USAF EK-1275 see: VT4200000
USAF EK-1375 see: BY8225000
USAF EK-1509 see: XT8650000
USAF EK-1569 see: YU1400000
USAF EK-1597 see: KJ5775000
USAF EK-1719 see: AC8925000
USAF EK-1803 see: YS9800000
USAF EK-1860 see: XM7350000
USAF EK-1995 see: GS5950000
USAF EK-2089 see: JO1400000
USAF EK-2219 see: DV5775000
USAF EK-2596 see: EZ6475000
USAF EK-3302 see: UH1925000
USAF EK-4196 see: KL5600000
USAF EK-4733 see: NI3325000
USAF EK-4890 see: YR7700000
USAF EK-5185 see: QL9100000
USAF EK-5429 see: DM4905000
USAF EK-5496 see: XJ5775000
USAF EK-6454 see: YR0875000
USAF EK-6540 see: DE1050000
USAF EK-6561 see: XJ2800000
USAF EK-P-433 see: XK7875000
USAF EK-P-583 see: LS9625000
USAF EK-P-737 see: AJ5600000
USAF EK-P-5501 see: XJ2100000
USAF EK-P-5976 see: YT9275000
USAF EK-P-6255 see: WQ1750000
USAF EK-P-6281 see: EC1460000
USAF EK-T-434 see: XL2275000
USAF EK-T-2805 see: DH3325000
USAF EK-T-6645 see: QE3325000
USAF EL-19 see: SH6530000
USAF EL-29 see: SH9800000
USAF EL-30 see: NI8615000
USAF EL-36 see: SH5425000
USAF EL-42 see: GV9275000
USAF EL-44 see: EK1050000
USAF EL-76 see: SH7175000
USAF EL-82 see: DP5425000
USAF EL-101 see: EZ0175000
USAF EL-108 see: SC5075000
USAF FA-4 see: XI3850000
USAF FO-1 see: EZ0175000
USAF GE-1 see: QE6650000
USAF GE-12 see: KK7450000
USAF GE-14 see: UQ8400000
USAF GE-15 see: UQ8225000
USAF GY-2 see: ST2275000
USAF GY-3 see: DL6475000
USAF GY-5 see: ZH0175000
USAF GY-7 see: DL7000000
USAF H-1 see: VD2273000
USAF HA-2 see: VI7700000
USAF HA-5 see: UG4375000
USAF HC-1 see: VS0875000
USAF HJ-2 see: YV9380000
USAF IN-817 see: XT6720000
USAF K-1476 see: YR9450000
USAF K-1795 see: UW4900000
USAF KE-5 see: RT4900000
USAF KE-7 see: RG1925000
USAF KE-8 see: WI4025000
USAF KE-9 see: TQ5800000
USAF KE-11 see: WI4100000
USAF KE-13 see: WI4550000
USAF KE-14 see: TQ5950000
USAF KF-2 see: DH3325000
USAF KF-5 see: AL8225000
USAF KF-11 see: OO3675000
USAF KF-13 see: AL9800000
USAF KF-21 see: AM1400000
USAF KF-25 see: AG4110000
USAF KF-26 see: ON8750000
USAF M-5 see: QK1270000
USAF MA-1 see: AM9625000
USAF MA-4 see: XU9180000
USAF MA-5 see: XT3500000
USAF MA-10 see: DM5250000
USAF MA-12 see: DM4550000
USAF MA-16 see: XT9450000
USAF ME-1 see: UB2625000
USAF NB-1 see: DG1575000
USAF ND-09 see: TI8575000
USAF ND-59 see: CB6650000
USAF ND-61 see: WM9100000
USAF P-2 see: ZH0525000
USAF P-5 see: JO1400000
USAF P-7 see: YS8925000
USAF P-8 see: YS6300000
USAF P-220 see: DK2625000
USAF PD-13 see: TZ3600000
USAF PD-18 see: DK3675000
USAF Q-1 see: LU9275000
USAF Q-2 see: LV0175000
USAF RH-1 see: UC6475000
USAF RH-3 see: OZ4200000
USAF RH-4 see: OS8925000
USAF RH-7 see: MU5250000
USAF RH-8 see: OD9275000
USAF SC-2 see: WG9800000
USAF SN-9 see: WP2360000
USAF ST-40 see: UD1400000
USAF SZ-1 see: KE2625000
USAF TH-3 see: XZ2830000
USAF TH-9 see: KK7525000
USAF UCTL-7 see: NM1925000
USAF UCTL-8 see: KE5500000
USAF UCTL-1791 see: CZ6650000
USAF UCTL-1856 see: UG7350000
USAF VI-6 see: DU2200000
USAF WI-1 see: WN3500000
USAF XF-21 see: DE1050000
USAF XR-10 see: CV6500000
USAF XR-19 see: DC5250000
USAF XR-22 see: XZ3850000
USAF XR-29 see: DL6475000
USAF XR-31 see: UM0175000
USAF XR-32 see: UM0190000
USAF XR-35 see: DH3325000
USAF XR-41 see: YS6300000
USAF XR-42 see: YS8925000
USALAKE FD & C YELLOW NO. 6 LAKE see: QK2450000
USAN see: RW5690000
USARAMINE see: VT5707200
USB-3584 see: XS9990000
U.S. BLENDED LIGHT TOBACCO CIGARETTE REFINED TAR see: WW8449500

YV0995560 USCHARIDIN

UPDT:8303 CAS: 24321-47-9 MW: 530.67 MOLFM: C29-H38-O9

TOXICITY DATA AND REFERENCES:

3F07F12F19 ipr-mus LD50:11800 ug/kg 41CIAR -,273,78

USDALAP, tuber extract (Indian) see: RT1145000 PAEONIA EMODI Wall., tuber extract
USEMPAX AP see: DF1575000
USI 11-4-0047 see: UD1842000

YV0999000 USNEA LONGISSIMA, extract
DEF:Indian plant belonging to the family USNEACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

USNEIN see: HP5270000
USNIACIN see: HP5270000
USNIC ACID see: HP5270000
USNINIC ACID see: HP5270000
USNINSAEURE (German) see: HP5270000
USP METHYLCELLULOSE see: FJ5959000
USP SODIUM CHLORIDE see: VZ4725000
USP XIII STEARYL ALCOHOL see: RG2010000
USR 604 see: QL7525000
U.S. RUBBER 604 see: QL7525000
U.S. RUBBER C-912 see: WT3750000
U.S. RUBBER D-014 see: WT2900000
UST see: YU1610000
USTINEX see: AG1575000
U 46T see: AJ8520000
UTEDRIN see: RS7534000
UTEPLEX see: YU8083000
UTERACON see: RS7534000
UTEROLIDASE see: MT7260000
UTIBID see: JI5075000
UTICILLIN see: ON9110000
UTICILLIN VK see: XH9275000
UTIL see: SC4900000
UTOSTAN see: US7875000
UTP see: YU8083000
5'-UTP see: YU8083000
UVALERAL see: YS3150000

YV1705000 UVARIOPSIS GUINEENSIS Kay, root extract
DEF:Total alkaloid extract from the roots of UVARIOPSIS GUINEENSIS (THERAP 32,215,77)
UPDT:8412
TOXICITY DATA AND REFERENCES:
3F12F43J30 orl-mus LD50:1300 mg/kg THERAP 32,215,77

UV CHEK AM 104 see: QR6140000
UVINOL D-50 see: DJ1892000
UVINUL 400 see: DJ0700000
UVINUL D 49 see: DJ0900000 BENZOPHENONE, 2,2'-DIHYDROXY-4,4'-DIMETHOXY-
UVINUL D-50 see: DJ1892000
UVINUL M 40 see: DJ1575000
UZONE see: UQ8225000
V 7 see: QF1050000
V-18 see: WR5850000
V 101 see: WQ3850000
V 343 see: AE1971450
V 501 see: AK0920000
V 17004 see: FC8750000
VA-2 see: CB9638650
VA-2 see: PY4910800
VA 15 see: KV0350000
VA 0112 see: AK0920000
VABEN see: DF1400000
VABROCID see: LT7700000
VAC see: AK0875000
VAC-10 see: UQ8225000
VACATE see: AG1575000

YV2250570 VACCARIA PYRAMIDATA Merik, crude extract
UPDT:8408
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 scu-mus TDLo:20 gm/kg (2D pre/1-3D preg) MPHEAE 16,414,67
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YV2250580 VACCINIUM LESCHENAULTII Wight, extract excluding roots
DEF:Indian plant belonging to the family ERICACEAE (IJEBA6 15,208,77)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2M10N22 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

YV2250600 VACCINIUM NUMMULARIA Hk. f. & T., extract
DEF:Indian plant belonging to the family ERICACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:375 mg/kg IJEBA6 12,512,74

VA 3 (COPOLYMER) see: AK0950000
VACOR see: YT9690000
VADEBEX see: RD2625000
VADEBEX HYDROCHLORIDE see: NP7225000
VADILEX see: TM8530000 1-PIPERIDINEETHANOL, 4-BENZYL-alpha-(p-HYDROXYPHENYL)-beta-METHYL-,TARTRATE (SALT) (2:1)
VADOSILAN see: DO8225000
VADROCID see: LT7700000
VAFLOL see: VH6750000
VAFOL see: VH6750000
VAGAMIN see: BP7632500
VAGANTIN see: BP7632500
VAGD see: AK0950000
VAGESTROL see: WJ5600000
VAGILEN see: NI5600000
VAGILIA see: WO9100000
VAGIMID see: NI5600000
VAGISEPT see: CF8400000
VAGOFLOR see: CF8400000
VAGOPHEMANIL see: TN5075000
VAGOPHEMANIL METHYL SULFATE see: TN5075000
VAGOSIN see: UY1925000
VAGOSTIGMINE see: BR3300000
VAGOSTIGMINE BROMIDE see: BR3150000
VAGOSTIGMINE METHYL SULFATE see: CY1225000
VALACIDIN see: TJ7350000
VALADOL see: AE4200000
VALAMINA see: GV9275000
VALAMINE see: NP9900000
VALAMINETTAE see: GV9275000
VALAMINETTEN see: GV9275000
VALAN see: SP0175000
VALANAS see: RQ3500000
VALBAZEN see: FD1100000
VALBIL see: UA8400000
VAL CNU see: YV9396000
VALCOR see: UI0672500
VALDRENE see: KR7000000
VAL-DROP see: FO0525000
VALECOR see: SH6480000
VALENTINITE see: CC5650000
VALEO see: DF1575000
VALEPOTRIATE see: EK7902000
VALERAL see: YV3600000

YV3600000 VALERALDEHYDE
UPDT:8312 CAS: 110-62-3 MW: 86.15 MOLFM: C5-H10-O
SYN: AMYL ALDEHYDE * BUTYL FORMAL * PENTANAL * n-PENTANAL * UN 2058 (DOT) * VALERIC ALDEHYDE * VALERAL * n-VALERALDEHYDE * VALERALDEHYDE (DOT) * VALERIANIC ALDEHYDE * VALERIC ACID ALDEHYDE * n-VALERIC ALDEHYDE * VALERYLALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,919,79
eye-rbt 100 mg/24H SEV FCTXAV 17,919,79
skn-gpg 100% SEV FCTXAV 17,919,79
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3200 mg/kg 14CYAT 2,1968,63
* ihl-rat LCLo:4000 ppm/4H AIHAAP 30,470,69
* orl-mus LD50:6400 mg/kg FCTXAV 17,919,79
* skn-rbt LD50:4857 mg/kg AIHAAP 30,470,69
* skn-gpg LD50:20 gm/kg FCTXAV 17,919,79
REVIEW AND REFERENCES:
★ TLV-TWA 50 ppm DTLVS* 4,425,80
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

n-VALERALDEHYDE see: YV3600000
VALERALDEHYDE (DOT) see: YV3600000

YV4150000 VALERALDEHYDE, 2-METHYL-
CAS: 123-15-9 MW: 100.18 MOLFM: C6-H12-O
SYN: 2-METHYLPENTALDEHYDE * alpha-METHYL VALERALDEHYDE (DOT) * UN 2367 (DOT)
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE or COMBUSTIBLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.102,83
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YV4325000 VALERAMIDE, N-(alpha-CYANOBENZYL)-2-(DIMETHYLAMINO)-
UPDT:8412 MW: 259.39 MOLFM: C15-H21-N3-O
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:430 mg/kg YKKZAJ 76,1175,56

YV4335000 VALERAMIDE, 2-(DIETHYLAMINO)-N-(3,4-DIMETHYL-5-ISOXAZOLYL)-, PICRATE
UPDT:8412 MW: 496.54 MOLFM: C14-H25-N3-O2 C6-H3-N3-O7
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:350 mg/kg YKKZAJ 82,474,62

YV4380000 VALERAMIDE, 2,2-DIMETHYL-
UPDT:8306 CAS: 13146-36-6 MW: 129.23 MOLFM: C7-H15-N-O
SYN: AMIDE DIMETHYL-2,2 n-VALERIANIQUE (French) * 2,2-DIMETHYLVALERAMIDE
TOXICITY DATA AND REFERENCES:
1F12 orl-mus LD50:850 mg/kg CHTPBA 1,415,66

YV4390000 VALERAMIDE, 2-(DIMETHYLAMINO)-N-(3,4-DIMETHYL-5-ISOXAZOLYL)-, PICRATE
UPDT:8412 MW: 468.48 MOLFM: C12-H21-N3-O2 C6-H3-N3-O7
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg YKKZAJ 82,474,62

YV4400000 VALERAMIDE, 4-(DIMETHYLAMINO)-2,2-DIPHENYL-
UPDT:8403 CAS: 60-46-8 MW: 296.45 MOLFM: C19-H24-N2-O
SYN: AMINOPENTAMIDE * BL 139 * CENTRINE * 4-(DIMETHYLAMINO)-2,2-DIPHENYLVALERAMIDE * alpha-(2-(DIMETHYLAMINO)PROPYL)-alpha-PHENYLBENZENEACETAMIDE * DIMEVAMIDE * alpha,alpha-DIPHENYL-gamma-DIMETHYLAMINOVALERAMIDE * 3-METHYL-4-DIMETHYLAMINO-2,2-DIPHENYLBUTYRAMIDE * VALERAMIDE-OM
TOXICITY DATA AND REFERENCES:
orl-mus LDLo:441 mg/kg CLDND*
ipr-mus LDLo:121 mg/kg CLDND*
ivn-mus LDLo:46 mg/kg CLDND*
unk-dog LDLo:50 mg/kg CLDND*

YV4425000 VALERAMIDE, 4-(DIMETHYLAMINO)-2,2-DIPHENYL-, MONOHYDROCHLORIDE, DL-
UPDT:8312 CAS: 6191-22-6 MW: 332.91 MOLFM: C19-H24-N2-O Cl-H
SYN: dl-AMINOPENTAMIDE HYDROCHLORIDE * alpha,alpha-DIPHENYL-gamma-DIMETHYLAMINOVALERAMIDE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-mus LD50:396 mg/kg JPETAB 100,325,50
ivn-mus LD50:35 mg/kg JPETAB 100,325,50

VALERAMIDE-OM see: YV4400000

YV5967000 VALERAMIDE, 2,2,4,4-TETRAMETHYL-
UPDT:8411 CAS: 32905-64-9 MW: 157.29 MOLFM: C9-H19-N-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:400 mg/kg CHTPBA 6,208,71

YV5967100 VALERAMIDE, 2,2,4,4-TETRAMETHYL-N-1-NAPHTHYL-
UPDT:8411 CAS: 32905-70-7 MW: 283.45 MOLFM: C19-H25-N-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3 gm/kg CHTPBA 6,208,71

YV5967200 VALERAMIDE, 2,2,4,4-TETRAMETHYL-N-2-NAPHTHYL-
UPDT:8412 CAS: 32905-80-9 MW: 283.45 MOLFM: C19-H25-N-O
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:3 gm/kg CHTPBA 6,208,71

YV5967300 VALERAMIDE, 2,2,4,4-TETRAMETHYL-N-(2,2,2-TRICHLORO-1-HYDROXYETHYL)-
UPDT:8412 CAS: 32905-65-0 MW: 304.67 MOLFM: C11-H20-Cl3-N-O2
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2 gm/kg CHTPBA 6,208,71

VALERAN DI-n-BUTYLCINICITY (Czech) see: WH7133000

YV6040000 VALERIANA PYROLAEFOLIA Dcne., root extract
DEF:Indian plant belonging to the family VALERIANACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1M10 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

YV6050000 VALERIANA WALLICHII DC., extract
DEF:Indian plant belonging to the family VALERIANACEAE (IJEBA6 9,91,71)
UPDT:8302

SYN: ASMAK EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

VALERIANIC ACID see: YV6100000

VALERIANIC ALDEHYDE see: YV3600000

YV6100000 VALERIC ACID
UPDT:8408 CAS: 109-52-4 MW: 102.15 MOLFM: C5-H10-O2
SYN: BUTANECARBOXYLIC ACID * 1-BUTANECARBOXYLIC ACID * NA 1760 (DOT) * PENTANOIC ACID * n-PENTANOIC ACID * PROPYLACETIC ACID * VALERIANIC ACID * VALERIC ACID (DOT) * n-VALERIC ACID
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:1290 mg/kg APTOA6 18,141,61
* orl-mus LD50:600 mg/kg 85GMAT -,119,82
* ihl-mus LC50:4100 mg/m3/2H 85GMAT -,119,82
scu-mus LD50:3590 mg/kg JPPMAB 21,85,69
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMIHAB 21,100,60
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

n-VALERIC ACID see: YV6100000

VALERIC ACID ALDEHYDE see: YV3600000

VALERIC ACID, 2-AMINO-4-METHYL- see: OH2850000

YV6191200 VALERIC ACID, 4,4-BIS(tert-BUTYLPEROXY)-, BUTYL ESTER
UPDT:8402 MW: 334.51 MOLFM: C17-H34-O6
SYN: 4,4-BIS(tert-BUTYLPEROXY)VALERIC ACID BUTYL ESTER * n-BUTYL-4,4-DI-(tert-BUTYLPEROXY)VALERATE (DOT) * TRIGONOX 17/40 * UN 2140 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

YV6191220 VALERIC ACID, 4,4-BIS(tert-BUTYLPEROXY)-, BUTYL ESTER, not more than 52% with inert solid
UPDT:8308 MW: 334.51 MOLFM: C17-H34-O6
SYN: 4,4-BIS(tert-BUTYLPEROXY)VALERIC ACID BUTYL ESTER * n-BUTYL-4,4-DI-(tert-BUTYLPEROXY)VALERATE (DOT) * UN 2141 (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORGANIC PEROXIDE; LABEL:ORGANIC PEROXIDE CFRGBR 49,172.101,82

YV6191300 VALERIC ACID, 5-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-
UPDT:8403 CAS: 64508-90-3 MW: 318.27 MOLFM: C15-H21-Cl2-N-O2
SYN: BENZENEPENTANOIC ACID, 4-(BIS(2-CHLOROETHYL)AMINO)- (9CI) * 5-(4-BIS(2-CHLOROETHYL)AMINOPHENYL)PENTANOIC ACID * 5-(p-(BIS(2-CHLOROETHYL)AMINO)PHENYL)VALERIC ACID * CB 1356 * p-N,N-DI-(2-CHLOROETHYL)AMINOPHENYLVALERIC ACID
MUTATION DATA AND REFERENCES:
sln-dmg-par 5 mmol/L GENRA8 1,173,60
sln-dmg-unk 10 umol/L ANYAA9 160,228,69
STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

YV6480000 VALERIC ACID, 5-DIETHYLAMINO-2,2-DIPHENYL-, ETHYL ESTER
UPDT:8405 MW: 353.55 MOLFM: C23-H31-N-O2
SYN: D-406 * 5-DIETHYLAMINO-2,2-DIPHENYL-VALERIC ACID ETHYL ESTER * ETHYL 5-DIETHYLAMINO-2,2-DIPHENYLPENTANOATE
IRRITATION DATA AND REFERENCES:
eye-rbt 5000 ppm/3M JAPMA8 44,743,55
TOXICITY DATA AND REFERENCES:
3A11F12F13 ipr-rat LD50:53 mg/kg JAPMA8 44,743,55

YV6488000 VALERIC ACID, 4-DIMETHYLAMINO-2,2-DIPHENYL-, ETHYL ESTER, HYDROBROMIDE
UPDT:8312 MW: 406.41 MOLFM: C21-H27-N-O2 Br-H
SYN: 4-DIMETHYLAMINO-2,2-DIPHENYLVALERIC ACID ETHYL ESTER HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
2F29J25 ivn-mus LD50:40 mg/kg JCSOA9 -,648,49

YV6489000 VALERIC ACID, 4-(N,N-DIMETHYLAMINO)-2,2-DIPHENYL-, ETHYL ESTER, HYDROCHLORIDE
UPDT:8312 CAS: 63979-45-3 MW: 361.95 MOLFM: C21-H27-N-O2 Cl-H
SYN: 4-DIMETHYLAMINO-2,2-DIPHENYL PENTANOATE, ETHYL ESTER, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:49 mg/kg JACSAT 71,57,49
scu-mus LD50:110 mg/kg JPETAB 98,121,50

YV6489100 VALERIC ACID, 5-DIMETHYLAMINO-2,2-DIPHENYL-, ETHYL ESTER, HYDROCHLORIDE
UPDT:8405 MW: 361.95 MOLFM: C21-H27-N-O2 Cl-H
SYN: D-405 * 5-DIMETHYLAMINO-2,2-DIPHENYL-VALERIC ACID ETHYL ESTER HYDROCHLORIDE * ETHYL 5-DIMETHYLAMINO-2,2-DIPHENYLPENTANOATE HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 5000 ppm/3M JAPMA8 44,743,55
TOXICITY DATA AND REFERENCES:
3A11F12F13 ipr-rat LD50:84100 ug/kg JAPMA8 44,743,55

YV6489300 VALERIC ACID, 4-DIMETHYLAMINO-2,2-DIPHENYL-, HYDROGEN SULFATE
UPDT:8312 MW: 395.51 MOLFM: C19-H23-N-O2 H2-S-O4
SYN: gamma-DIMETHYLAMINO-alpha,alpha-DIPHENYLVALERIC ACID HYDROGEN SULFATE * 4-DIMETHYLAMINO-2,2-DIPHENYLVALERIC ACID HYDROGEN SULFATE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:250 mg/kg JCSOA9 -,648,49

YV6489400 VALERIC ACID, 4-(N,N-DIMETHYLAMINO)-2,2-DIPHENYL-, ISOPROPYL ESTER, HYDROCHLORIDE
UPDT:8312 CAS: 63979-46-4 MW: 375.98 MOLFM: C22-H29-N-O2 Cl-H
SYN: 4-DIMETHYLAMINO-2,2-DIPHENYL PENTANOATE, ISOPROPYL ESTER, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
scu-mus LD50:200 mg/kg JPETAB 98,121,50

YV6489500 VALERIC ACID, 4-DIMETHYLAMINO-2,2-DIPHENYL-, METHYL ESTER, HYDROBROMIDE
UPDT:8312 MW: 392.38 MOLFM: C20-H25-N-O2 Br-H
SYN: 4-DIMETHYLAMINO-2,2-DIPHENYLVALERIC ACID METHYL ESTER HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
2F29J25 ivn-mus LD50:26 mg/kg JCSOA9 -,648,49

YV6489600 VALERIC ACID, 4-(N,N-DIMETHYLAMINO)-2,2-DIPHENYL-, METHYL ESTER, HYDROCHLORIDE
UPDT:8312 CAS: 63979-47-5 MW: 347.92 MOLFM: C20-H25-N-O2 Cl-H
SYN: 4-DIMETHYLAMINO-2,2-DIPHENYL-PENTANOATE, METHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
scu-mus LD50:90 mg/kg JPETAB 98,121,50

YV6493500 VALERIC ACID, 4,4-DIMETHYL-, 2-(DIETHYLAMINO)ETHYL ESTER, CITRATE
UPDT:8408 MW: 421.55 MOLFM: C13-H27-N-O2 C6-H8-O7
SYN: 4,4-DIMETHYLVALERIANSAEURE beta-DIAETHYLAMINOAETHYLESTER DIHYDROGENCITRAT (German) * 4,4-DIMETHYLVALERIC ACID 2-(DIETHYLAMINO)ETHYL ESTER CITRATE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1250 mg/kg PHARAT 30,765,75

YV6493600 VALERIC ACID, 2,2-DIMETHYL-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 25217-59-8 MW: 265.87 MOLFM: C13-H27-N-O2 Cl-H
SYN: 2,2-DIMETHYLVALERIC ACID 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:272 mg/kg CHTPBA 4,103,69

YV6505000 VALERIC ACID, 2,2-DIMETHYL-, 2-PIPERIDINOETHYL ESTER, HYDROCHLORIDE
UPDT:8408 CAS: 24589-61-5 MW: 277.88 MOLFM: C14-H27-N-O2 Cl-H
SYN: 2,2-DIMETHYLVALERIC ACID 2-PIPERIDINOETHYL ESTER HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:208 mg/kg CHTPBA 4,103,69

YV7120000 VALERIC ACID, 2,2-DIMETHYL-5-(2,5-XYLYLOXY)-
UPDT:8403 CAS: 25812-30-0 MW: 250.37 MOLFM: C15-H22-O3
SYN: 2,2-DIMETHYL-5-(2,5-XYLYLOXY)VALERIC ACID * CI-719 * GEmFIBROZIL * LOPID * PENTANOIC ACID, 5-(2,5-DIMETHYLPHENOXY)-2,2-DIMETHYL- (9CI)
TUMORIGENIC DATA AND REFERENCES:
3V01L60T61 orl-rat TDLo:218 gm/kg/2Y-C JJIND8 67,1105,81
2V03L60 orl-mus TDLo:16 gm/kg/78W-C JJIND8 67,1105,81
3V02N60T61 orl-rat TD :22 gm/kg/2Y-C JJIND8 67,1105,81
TOXICITY DATA AND REFERENCES:
3F07F19J22 orl-rat LD50:4786 mg/kg PRSMA4 69(Suppl 2),15,76
3F07F19J22 orl-mus LD50:3162 mg/kg PRSMA4 69(Suppl 2),15,76
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VALERIC ACID, 2,2-DIPHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER (8CI) see: AJ3400000

YV7175000 VALERIC ACID, 2,2-DIPHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE
UPDT:8407 CAS: 62-68-0 MW: 390.01 MOLFM: C23-H31-N-O2 Cl-H
SYN: BENZENEACETIC ACID, alpha-PHENYL-alpha-PROPYL-, 2-(DIETHYLAMINO)ETHYL ESTER HYDROCHLORIDE * DIETHYLAMINOETHANOL ESTER of DIPHENYLPROPYLACETIC ACID HYDROCHLORIDE * 2'-DIETHYLAMINOETHYL 2,2-DIPHENYLPENTANOATE HYDROCHLORIDE * beta-DIETHYLAMINOETHYL DIPHENYLPROPYLACETATE HYDROCHLORIDE * 2-DIETHYLAMINOETHYL alpha,alpha-DIPHENYL VALERATE HYDROCHLORIDE * 2-DIETHYLAMINOETHYL 2,2-DIPHENYLVALERATE HYDROCHLORIDE * PENTANOIC ACID, 2,2-DIPHENYL-, 2-(N,N-DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE * PROADIFEN HYDROCHLORIDE * PROPYLADIPHENIN * 5171 RP * SKF 525A * U 5446
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T12T13 scu-rat TDLo:20 mg/kg (4D pre) JSICAZ 19C,264,60
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2140 mg/kg 27ZQAG -,366,72
ipr-rat LD50:163 mg/kg 27ZQAG -,366,72
orl-mus LD50:538 mg/kg 27ZQAG -,366,72
1Y23 ipr-mus LD50:110 mg/kg PCJOAU 3,508,69
scu-mus LD50:90 mg/kg JPETAB 98,121,50
ivn-mus LD50:60 mg/kg 27ZQAG -,366,72
ivn-cat LDLo:25 mg/kg TXAPA9 8,118,66
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YV7190000 VALERIC ACID, 2,2-DIPHENYL-, 3-QUINUCLIDINYL ESTER, (+-)-
UPDT:8406 CAS: 87395-61-7 MW: 363.54 MOLFM: C24-H29-N-O2
SYN: (+-)-2,2-DIPHENYLVALERIC ACID 3-QUINUCLIDINYL ESTER
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:18 mg/kg JMCMAR 26,1772,83

VALERIC ACID, 2,2-DIPHENYL-, 1-alpha-H,5-alpha-H-TROPAN-2-alpha-YL ESTER, (+)- see: YM4500000

VALERIC ACID (DOT) see: YV6100000

YV7350000 VALERIC ACID, 4,5-EPOXY-2-(2,3-EPOXYPROPYL)-, METHYL ESTER
UPDT:8401 CAS: 63041-05-4 MW: 186.23 MOLFM: C9-H14-O4
SYN: 4,5-EPOXY-2-(2,3-EPOXYPROPYL)VALERIC ACID, METHYL ESTER * METHYL DIEPOXYDIALLYLACETATE
TUMORIGENIC DATA AND REFERENCES:
3V03P62R60 unk-mus TDLo:3700 mg/kg RARSAM 3,193,63
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YV7380000 VALERIC ACID, 4,5-EPOXY-3-HYDROXY-, beta-LACTONE
UPDT:8401 CAS: 4247-30-7 MW: 114.11 MOLFM: C5-H6-O3
SYN: 4,5-EPOXY-3-HYDROXYVALERIC ACID-beta-LACTONE
TUMORIGENIC DATA AND REFERENCES:
3V02R60V10 skn-mus TDLo:76 gm/kg/63W-I JNCIAM 35,707,65
3V02R60V10 skn-mus TD :88 gm/kg/73W-I 14JTAF -,275,64
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YV7590000 VALERIC ACID, 4-HYDROXY-5-(METHYLSULFONYL)-
UPDT:8309 MW: 196.24 MOLFM: C6-H12-O5-S
SYN: gamma-HYDROXY-delta-METHYSULFONYL VALERIC ACID * 4-HYDROXY-5-(METHYLSULFONYL)VALERIC ACID
TOXICITY DATA AND REFERENCES:
2F13J22 ivn-mus LD50:1500 mg/kg TAKHAA 30,242,71

YV7700000 VALERIC ACID, 2-METHYL-
UPDT:8407 CAS: 97-61-0 MW: 116.18 MOLFM: C6-H12-O2
SYN: 2-METHYLPENTANOIC ACID * METHYLPROPYLACETIC ACID * alpha-METHYLVALERIC ACID * 2-METHYLVALERIC ACID * 2-PENTANECARBOXYLIC ACID
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg open MLD UCDS** 2/4/59
skn-rbt 500 mg/24H MOD FCTOD7 20(Suppl),763,82
eye-rbt 250 ug open SEV AMIHBC 10,61,54
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2040 mg/kg AMIHBC 10,61,54
* skn-rbt LD50:2500 mg/kg FCTOD7 20(Suppl),763,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YV7750500 VALERIC ACID, METHYL ESTER
UPDT:8408 CAS: 624-24-8 MW: 116.18 MOLFM: C6-H12-O2
SYN: METHYL PENTANOATE * METHYL VALERATE * METHYL n-VALERATE * METHYL VALERIANATE * PENTANOIC ACID, METHYL ESTER (9CI)
TOXICITY DATA AND REFERENCES:
* ihl-mus LC50:6600 mg/m3/2H 85GMAT -,88,82

VALERIC ACID, 3-METHYL-2-PHENYL-, ester with DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE see: BP7600000

VALERIC ACID, 4-OXO- see: OI1575000

YV7815000 VALERIC ACID, 4-PHENYL-
UPDT:8303 CAS: 16433-43-5 MW: 178.25 MOLFM: C11-H14-O2
SYN: BENZENEBUTANOIC ACID, gamma-METHYL- (9CI) * 4-PHENYLPENTANOIC ACID * 4-PHENYLVALERIC ACID
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:670 mg/kg FRPSAX 16,23,61

YV7816000 VALERIC ACID, 5-PHENYL-
UPDT:8303 CAS: 2270-20-4 MW: 178.25 MOLFM: C11-H14-O2
SYN: BENZENEPENTANOIC ACID (9CI) * PHENYLPENTANOIC ACID * 5-PHENYLPENTANOIC ACID * PHENYLVALERIC ACID * gamma-PHENYLVALERIC ACID * 5-PHENYLVALERIC ACID
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:1085 mg/kg FRPSAX 16,23,61

YV7875000 VALERIC ACID, 2-PROPYL-
UPDT:8408 CAS: 99-66-1 MW: 144.24 MOLFM: C8-H16-O2
SYN: ABBOTT 44090 * ACETIC ACID, DIPROPYL- * DEPAKENE * DEPAKINE * DIPROPYLACETIC ACID * DI-n-PROPYLACETIC ACID * n-DIPROPYLACETIC ACID * DI-n-PROPYLESSIGSAURE (German) * n-DPA * EPILIM * 2-PROPYLPENTANOIC ACID * 2-PROPYLVALERIC ACID * VALPROATE * VALPROIC ACID
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T74 unk-wmn TDLo:2394 mg/kg (1-36W preg) JPETAB 219,768,81

1T86	unk-wmn TDLo:2047 mg/kg (27-40W preg)	JPETAB 219,768,81
3T41T42T43	unk-wmn TDLo:5320 mg/kg (2-39W preg)	JOPDAB 97,332,80
3T44T46T47	unk-wmn TDLo:5320 mg/kg (2-39W preg)	JOPDAB 97,332,80
1T76	unk-wmn TDLo:5320 mg/kg (2-39W preg)	JOPDAB 97,332,80
3T41T42T46	orl-rat TDLo:1154 mg/kg (10-11D preg)	TJADAB 29(2),20A,84
3T25T35T43	ipr-mus TDLo:432 mg/kg (11-13D preg)	TCMUD8 1,367,81
2T34T46	ipr-mus TDLo:432 mg/kg (8-10D preg)	TCMUD8 1,367,81
1T41	ipr-mus TDLo:519 mg/kg (8-10 preg)	TCMUD8 1,367,81
1T42	ipr-mus TDLo:606 mg/kg (8-10D preg)	TCMUD8 1,367,81
3T34T35T41	scu-mus TDLo:2400 mg/kg (7-14D preg)	LANCAO 1,763,83
1T53	unk-rbt TDLo:945 mg/kg (6-8D preg)	36DLAV -,105,76
1T41	ipr-ham TDLo:300 mg/kg (7D preg)	TJADAB 29(2),47A,84

TOXICITY DATA AND REFERENCES:

2K02K13	unk-chd TDLo:1800 mg/kg/60D	LANCAO 1,1196,80
2F07K12	orl-rat LD50:670 mg/kg	FCTXAV 2,327,64
*	ipr-rat LD50:704 mg/kg	ARZNAD 33,1155,83
*	ivn-rat LD50:509 mg/kg	ARZNAD 33,1155,83
*	orl-mus LD50:1208 mg/kg	ARZNAD 33,1155,83
	ipr-mus LD50:470 mg/kg	CHTPBA 3,430,68
3F13F19J22	ivn-mus LD50:750 mg/kg	ARZNAD 26,299,76

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JOPDAB 97,333,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YV7875300 VALERIC ACID, 2-PROPYL-, CALCIUM SALT (2:1)
UPDT:8409 MW: 326.54 MOLFM: C16-H30-O4 Ca
SYN: CALCIUM VALPROATE * DIPROPYLACETIC ACID CALCIUM SALT * 2-PROPYLVALERIC ACID CALCIUM SALT (2:1) * VALONTIN * VALPROIC ACID CALCIUM SALT * VALPROIC ACID HEMI-CALCIUM SALT

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T25T26T34	orl-rat TDLo:6 gm/kg (6-15D preg)	FAATDF 3,121,83
1T46	orl-rat TDLo:1500 mg/kg (6-15D preg)	FAATDF 3,121,83
1T25	orl-rbt TDLo:4550 mg/kg (6-18D preg)	TJADAB 29(2),50A,84
1T46	orl-rbt TDLo:1950 mg/kg (6-18D preg)	TJADAB 29(2),50A,84

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YV7876000 VALERIC ACID, 2-PROPYL-, SODIUM SALT
UPDT:8412 CAS: 1069-66-5 MW: 166.22 MOLFM: C8-H15-O2 Na
SYN: CONVULEX * DEPAKENE * DEPAKINE * DIPROPYLACETATE SODIUM * DPA SODIUM * EPILIM * ERGENYL * EUREKENE * KW-066 * LABAZENE * PENTANOIC ACID, 2-PROPYL-, SODIUM SALT * 2-PROPYLPENTANOIC ACID SODIUM SALT * 2-PROPYLVALERIC ACID SODIUM SALT * SODIUM BISPROPYLACETATE * SODIUM DIPROPYLACETATE * SODIUM alpha,alpha-DIPROPYLACETATE * SODIUM n-DIPROPYLACETATE * SODIUM 2-PROPYLPENTANOATE * SODIUM 2-PROPYLVALERATE * SODIUM VALPROATE * VALPROATE SODIUM

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	orl-rat TDLo:3 gm/kg (6-15D preg)	ChaEB# 19JAN78
3T35T46T53	orl-rat TDLo:1500 mg/kg (6-15D preg)	ChaEB# 19JAN78
3T25T39T59	orl-rat TDLo:5904 mg/kg (7-15D preg)	BJPCBM 74,957,81
1T41	orl-rat TDLo:5904 mg/kg (7-15D preg)	BJPCBM 74,957,81
3T41T42T46	orl-mus TDLo:1350 mg/kg (7-12D preg)	TJADAB 19,49A,79
1T43	orl-mus TDLo:750 mg/kg (6-15D preg)	ChaEB# 19JAN78
2T25T35	orl-mus TDLo:3360 mg/kg (7-12D preg)	TJADAB 19,49A,79
1T34	orl-mus TDLo:6 gm/kg (6-15D preg)	ChaEB# 19JAN78
1T59	ipr-mus TDLo:201 mg/kg (8-10D preg)	TCMUD8 2,61,82
1T34	scu-mus TDLo:1800 mg/kg (7-15D preg)	LIFSAK 29,2803,81
1T25	scu-mus TDLo:3600 mg/kg (7-15D preg)	LIFSAK 29,2803,81
1T41	scu-mus TDLo:2700 mg/kg (7-15D preg)	LIFSAK 29,2803,81
1T34	orl-rbt TDLo:2600 mg/kg (6-18D preg)	ChaEB# 19JAN78
1T46	orl-rbt TDLo:4095 mg/kg (6-18D preg)	ChaEB# 19JAN78
3T25T35T26	orl-rbt TDLo:5200 mg/kg (6-18D preg)	ChaEB# 19JAN78
2T25T46	orl-rbt TDLo:4550 mg/kg (6-18D preg)	TJADAB 29(2),50A,84

TOXICITY DATA AND REFERENCES:

1F24	orl-wmn TDLo:1500 mg/kg	LANCAO 1,1306,82
3F04K13U03	orl-chd TDLo:1820 mg/kg/12W-I	LANCAO 2,1110,80
*	orl-rat LD50:670 mg/kg	BJPCBM 74,957,81
*	ipr-rat LD50:1045 mg/kg	KSRNAM 5,41,71
*	scu-rat LD50:1029 mg/kg	KSRNAM 5,41,71
*	ivn-rat LD50:946 mg/kg	KSRNAM 5,41,71
*	orl-mus LD50:1197 mg/kg	NIIRDN 6,591,82
*	ipr-mus LD50:838 mg/kg	KSRNAM 5,41,71
*	scu-mus LD50:958 mg/kg	KSRNAM 5,41,71
*	ivn-mus LD50:766 mg/kg	KSRNAM 5,41,71
*	ims-mus LD50:832 mg/kg	BCPCA6 22,1701,73
*	ipr-cat LD50:565 mg/kg	DRUGAY 13,81,77
*	orl-rbt LD50:1468 mg/kg	KSRNAM 5,41,71
*	ipr-rbt LD50:1200 mg/kg	DRUGAY 13,81,77

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: DRUGAY 13,81,77

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VALERIC ACID, TRIETHYLENE GLYCOL DIESTER see: KK9500000
VALERIC ALDEHYDE see: YV3600000
n-VALERIC ALDEHYDE see: YV3600000
gamma-VALEROLACTONE see: LU3580000
4-VALEROLACTONE see: LU3580000
VALERON see: TQ3325000

YV8186000 VALERONANILIDE, 2-(DIETHYLAMINO)-2',4',6'-TRIMETHYL-
UPDT:8309 MW: 290.50 MOLFM: C18-H30-N2-O
SYN: 2-(DIETHYLAMINO)-2',4',6'-TRIMETHYLVALERONANILIDE * S 392

TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:135 mg/kg	JPMSAE 50,161,61

YV8198000 VALERONITRILE, 2,2'-AZOBIS(2,4-DIMETHYL-
UPDT:8403 MW: 248.42 MOLFM: C14-H24-N4
SYN: 2,2'-AZODI-(2,4-DIMETHYLVALERONITRILE) (DOT) * UN 2953 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172,102,83

YV8198200 VALERONITRILE, 2,2'-AZOBIS(2,4-DIMETHYL-4-METHOXY-
UPDT:8403 MW: 308.48 MOLFM: C16-H28-N4-O2
SYN: 2,2'-AZODI-(2,4-DIMETHYL-4-METHOXYVALERONITRILE) (DOT) * UN 2955 (DOT)

STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172,102,83

YV8200000 VALERONITRILE, 2,3-BIS(p-HYDROXYPHENYL)-
UPDT:8306 CAS: 65-14-5 MW: 267.35 MOLFM: C17-H17-N-O2
SYN: 2,3-BIS(p-HYDROXYPHENYL)VALERONITRILE * SC-3402

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T22	scu-rat TDLo:7 mg/kg (35D pre)	RPHRA6 20,395,64
1T24	scu-rat TDLo:600 ug/kg (2-4D preg)	FESTAS 15,202,64
1T29	scu-rat TDLo:250 ug/kg (1D preg)	PSEBAA 131,1326,69
1T26	par-rat TDLo:2500 ug/kg (1D preg)	STEDAM 4,657,64
1T13	unk-rat TDLo:3 mg/kg (30D pre)	RPHRA6 20,395,64
1T24	scu-rbt TDLo:350 ug/kg (1-7D preg)	PSEBAA 131,1326,69
1T24	scu-ham TDLo:11200 ug/kg (1-7D preg)	PSEBAA 131,1326,69

TOXICITY DATA AND REFERENCES:

	ipr-rat LD50:70 mg/kg	JPETAB 112,176,54
	orl-mus LD50:2850 mg/kg	JPETAB 112,176,54
	ipr-mus LD50:93 mg/kg	JPETAB 112,176,54
	ivn-dog LDLo:100 mg/kg	JPETAB 112,176,54

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YV8250000 VALERONITRILE, 2-(3,4-DIHYDROXYPHENYL)-3-(p-HYDROXYPHENYL)-2-METHYL-
UPDT:8302 MW: 297.38 MOLFM: C18-H19-N-O3
SYN: 2-(3,4-DIHYDROXYPHENYL)-3-(p-HYDROXYPHENYL)-2-METHYLVALERONITRILE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	unk-rat TDLo:75 mg/kg (30D pre)	RPHRA6 20,395,64

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YV8300000 VALERONITRILE, 5-((3,4-DIMETHOXYPHENETHYL)METHYLAMINO)-2-(3,4-DIMETHOXYPHENYL)-2-ISOPROPYL-
UPDT:8403 CAS: 52-53-9 MW: 454.67 MOLFM: C27-H38-N2-O4
SYN: CP 16533-1 * D 365 * DILACORAN * 5-((3,4-DIMETHOXYPHENETHYL)METHYLAMINO)-2-(3,4-DIMETHOXYPHENYL)-2-ISOPROPYLVALERONITRILE * IPROVERATRIL * ISOPTIN * alpha-((N-METHYL-N-HOMOVERATRYL)-gamma-AMINOPROPYL)-3,4-DIMETHOXYPHENYLACETONITRILE * VASOLAN * VERAPAMIL

TOXICITY DATA AND REFERENCES:

	orl-man LDLo:2 gm/kg	CHETBF 75,200,79
3G08G10H02	orl-wmn TDLo:64 mg/kg	BMJOAE 2,1127,78
*	orl-rat LD50:114 mg/kg	ARZNAD 31,1401,81
*	ipr-rat LD50:67 mg/kg	ARZNAD 31,1401,81
*	scu-rat LD50:107 mg/kg	ARZNAD 31,1401,81
*	ivn-rat LD50:16 mg/kg	ARZNAD 31,1401,81
*	orl-mus LD50:163 mg/kg	ARZNAD 31,1401,81
*	ipr-mus LD50:68 mg/kg	ARZNAD 31,1401,81
*	scu-mus LD50:68 mg/kg	ARZNAD 31,1401,81
	ivn-mus LD50:1520 ug/kg	JETOAS 8(3),188,75

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YV8320000 VALERONITRILE, 5-((3,4-DIMETHOXYPHENETHYL)METHYLAMINO)-2-(3,4-DIMETHOXYPHENYL)-2-ISOPROPYL-, MONOHYDROCHLORIDE
UPDT:8408 CAS: 152-11-4 MW: 491.13 MOLFM: C27-H38-N2-O4 Cl-H
SYN: CALAN * CORDILOX * IPROVERATRIL HYDROCHLORIDE * ISOPTIN * IZOPTIN * IZOPTIN HYDROCHLORIDE * VASOLAN * VERAPAMIL HYDROCHLORIDE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T04	orl-man TDLo:128 mg/kg (28D male)	AIMDAP 143,1248,83

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:108 mg/kg	NIIRDN 6,766,82
*	ipr-rat LD50:60 mg/kg	PCJOAU 15,813,81
*	scu-rat LD50:107 mg/kg	NIIRDN 6,766,82
*	ivn-rat LD50:16 mg/kg	NIIRDN 6,766,82
*	ims-rat LD50:118 mg/kg	NIIRDN 6,766,82
*	orl-mus LD50:163 mg/kg	NIIRDN 6,766,82
*	ipr-mus LD50:46 mg/kg	PCJOAU 15,813,81
*	scu-mus LD50:68 mg/kg	NIIRDN 6,766,82
*	ivn-mus LD50:6 mg/kg	PCJOAU 15,813,81
*	ims-dog LD50:25 mg/kg	NIIRDN 6,766,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YV8400000 VALERONITRILE, 4-DIMETHYLAMINO-2,2-DIPHENYL-, HYDROCHLORIDE
UPDT:8312 CAS: 125-79-1 MW: 314.89 MOLFM: C19-H22-N2 Cl-H
SYN: 3-DIMETHYLAMINO-1,1-DIPHENYL-n-BUTYL CYANIDE HYDROCHLORIDE * 4-DIMETHYLAMINO-2,2-DIPHENYLVALERONITRILE HYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

	scu-mus LD50:150 mg/kg	JPETAB 98,121,50
*	ivn-mus LD50:45 mg/kg	JCSOA9 -,648,49

YV8588000 VALERONITRILE, 4-METHYL-
UPDT:841[illegible] CAS: 542-54-1 MW: 97.18 MOLFM: C6-H11-N
SYN: ISOAMYL CYANIDE * ISOCAPRONITRILE * 4-METHYLPENTANENITRILE * 4-METHYLVALERONITRILE

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:488 mg/kg	ARTODN 55,47,84
	scu-rbt LDLo:90 mg/kg	AIPTAK 5,161,1899
	scu-frg LDLo:1600 mg/kg	AIPTAK 5,161,1899

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YV8926000 VALEROPHENONE, 3-(p-CHLOROPHENYL)-4'-HYDROXY-4-METHYL-2-PHENYL-, erythro-
UPDT:8402 CAS: 31365-02-3 MW: 378.92 MOLFM: C24-H23-Cl-O2
SYN: erythro-3-(p-CHLOROPHENYL)-4'-HYDROXY-4-METHYL-2-PHENYLVALEROPHENONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:10 mg/kg (1-5D preg)	CCPTAY 2,199,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YV8926100 VALEROPHENONE, 3-(p-CHLOROPHENYL)-2-(p-HYDROXYPHENYL)-, erythro-
UPDT:8402 CAS: 31365-03-4 MW: 364.89 MOLFM: C23-H21-Cl-O2
SYN: erythro-3-(p-CHLOROPHENYL)-2-(p-HYDROXYPHENYL)VALEROPHENONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:5 mg/kg (1-5D preg)	CCPTAY 2,199,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YV8926200 VALEROPHENONE, 3-(p-CHLOROPHENYL)-4'-HYDROXY-2-PHENYL-, erythro-
UPDT:8402 CAS: 31365-01-2 MW: 364.89 MOLFM: C23-H21-Cl-O2
SYN: erythro-3-(p-CHLOROPHENYL)-4'-HYDROXY-2-PHENYLVALEROPHENONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:25 mg/kg (1-5D preg)	CCPTAY 2,199,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YV8926300 VALEROPHENONE, 3-(p-CHLOROPHENYL)-4-METHYL-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)-, erythro-
UPDT:8402 CAS: 31301-21-0 MW: 476.10 MOLFM: C30-H34-Cl-N-O2
SYN: erythro-3-(p-CHLOROPHENYL)-4-METHYL-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)VALEROPHENONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:50 mg/kg (1-5D preg)	CCPTAY 2,199,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YV8926400 VALEROPHENONE, 3-(p-CHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)-, erythro-
UPDT:8402 CAS: 31301-19-6 MW: 462.07 MOLFM: C29-H32-Cl-N-O2
SYN: erythro-3-(p-CHLOROPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)VALEROPHENONE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T24	orl-rat TDLo:2500 ug/kg (1-5D preg)	CCPTAY 2,199,70

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YV8926500 VALEROPHENONE, 3-(p-CHLOROPHENYL)-2-(p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)-, erythro-
UPDT:8402 CAS: 31301-22-1 MW: 462.07 MOLFM: C29-H32-Cl-N-O2
SYN: erythro-3-(p-CHLOROPHENYL)-2-(p-(2-(1-PYRROLIDINYL)ETHOXY)PHENYL)VALEROPHENONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:25 mg/kg (1-5D preg) CCPTAY 2,199,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YV8934000 VALEROPHENONE, 4-DIMETHYLAMINO-2,2-DIPHENYL-, HYDROBROMIDE
UPDT:8312 MW: 438.45 MOLFM: C25-H27-N-O Br-H
SYN: 4-DIMETHYLAMINO-2,2-DIPHENYL-VALEROPHENONE HYDROBROMIDE * PHENYL 3-DIMETHYLAMINO-1,1-DIPHENYL-n-BUTYL KETONE HYDROBROMIDE
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:40 mg/kg JCSOA9 -,648,49

YV8980000 VALEROPHENONE, 2,3-DIPHENYL-4'-HYDROXY-, erythro-
UPDT:8402 CAS: 31301-23-2 MW: 330.45 MOLFM: C23-H22-O2
SYN: erythro-2,3-DIPHENYL-4'-HYDROXYVALEROPHENONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:100 mg/kg (1-5D preg) CCPTAY 2,199,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YV8990000 VALEROPHENONE, 2,3-DIPHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)-, erythro-
UPDT:8402 CAS: 31301-18-5 MW: 427.63 MOLFM: C29-H33-N-O2
SYN: erythro-2,3-DIPHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)VALEROPHENONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:2500 ug/kg (1-5D preg) CCPTAY 2,199,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YV9050000 VALEROPHENONE, 3-(m-METHOXYPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)-, erythro-
UPDT:8402 CAS: 33249-16-0 MW: 457.56 MOLFM: C30-H35-N-O3
SYN: erythro-3-(m-METHOXYPHENYL)-2-PHENYL-4'-(2-(1-PYRROLIDINYL)ETHOXY)VALEROPHENONE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rat TDLo:5 mg/kg (1-5D preg) CCPTAY 2,199,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YV9100000 VALEROPHENONE, 4'-METHYL-2-(1-PYRROLIDINYL)-, HYDROCHLORIDE
UPDT:8403 CAS: 1147-62-2 MW: 281.86 MOLFM: C16-H23-N-O Cl-H
SYN: CENTROTON * F 1983 * 1-(p-METHYLPHENYL)-2-PYRROLIDYL-1-PENTANONE HYDROCHLORIDE * 1-PENTANONE, 1-(4-METHYLPHENYL)-2-(1-PYRROLIDINYL)-, HYDROCHLORIDE * 4'-METHYL-2-(1-PYRROLIDINYL)VALEROPHENONE HYDROCHLORIDE * PYROVALERONE HYDROCHLORIDE * THYMERGIX * 1-p-TOLYL-1-OXO-2-PYRROLIDINO-n-PENTANE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:620 mg/kg 27ZQAG -,294,72
ivn-rat LD50:47 mg/kg 27ZQAG -,294,72
orl-mus LD50:330 mg/kg 27ZQAG -,294,72
scu-mus LD50:261 mg/kg 27ZQAG -,294,72
ivn-mus LD50:43 mg/kg 27ZQAG -,294,72
orl-rbt LD50:360 mg/kg 27ZQAG -,294,72

delta-VALEROSULTONE see: RP4300000
delta-VALEROTHIOLACTAM see: TN4224000

YV9101000 o-VALEROTOLUIDIDE, 2-(BUTYLAMINO)-6'-CHLORO-, HYDROCHLORIDE
UPDT:8307 MW: 333.34 MOLFM: C16-H25-Cl-N2-O Cl-H
SYN: 2-(BUTYLAMINO)-6'-CHLORO-o-VALEROTOLUIDIDE HYDROCHLORIDE * C 3204
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:28 mg/kg ARZNAD 8,544,58
scu-mus LD50:80 mg/kg ARZNAD 8,544,58

YV9101500 o-VALEROTOLUIDIDE, 6'-CHLORO-5-(DIETHYLAMINO)-, HYDROCHLORIDE
UPDT:8307 MW: 333.34 MOLFM: C16-H25-Cl-N2-O Cl-H
SYN: C 5571 * 6'-CHLORO-5-(DIETHYLAMINO)-o-VALEROTOLUIDIDE, HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:188 mg/kg ARZNAD 9,683,59
scu-mus LD50:450 mg/kg ARZNAD 9,683,59

YV9102500 o-VALEROTOLUIDIDE, 6'-CHLORO-2-(ETHYLAMINO)-, HYDROCHLORIDE
UPDT:8307 MW: 305.28 MOLFM: C14-H21-Cl-N2-O Cl-H
SYN: C 3205 * 6'-CHLORO-2-(ETHYLAMINO)-o-VALEROTOLUIDIDE HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 2% MLD ARZNAD 8,544,58
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:35 mg/kg ARZNAD 8,544,58
scu-mus LD50:65 mg/kg ARZNAD 8,544,58

YV9103000 p-VALEROTOLUIDIDE, 3'-CHLORO-2-METHYL-
UPDT:8408 CAS: 2307-68-8 MW: 239.77 MOLFM: C13-H18-Cl-N-O
SYN: N-(3-CHLORO-4-METHYLPHENYL)-2-METHYLPENTANAMIDE * 3'-CHLORO-2-METHYL-p-VALEROTOLUIDIDE * CMMP * DAKURON * DUTOM * NIAGARA 4512 * PENTANOCHLOR * SOLAN
TOXICITY DATA AND REFERENCES:
orl-rat LD50:5620 mg/kg EKMMA8 13,123,74
* unk-rat LD50:5100 mg/kg GISAAA 41(7),38,76
* orl-mus LD50:1800 mg/kg GTPZAB 21(12),30,77
* unk-mus LD50:1800 mg/kg GISAAA 41(7),38,76

YV9104000 o-VALEROTOLUIDIDE, 6'-CHLORO-2-(PYRROLIDINYL)-, HYDROCHLORIDE
UPDT:8310 MW: 331.32 MOLFM: C16-H23-Cl-N2-O Cl-H
SYN: C 3263 * 6'-CHLORO-2-PYRROLIDINYL-o-VALEROTOLUIDIDE HYDROCHLORIDE
IRRITATION DATA AND REFERENCES:
eye-rbt 2% MLD ARZNAD 8,544,58
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:54 mg/kg ARZNAD 8,544,58
ipr-mus LD50:67 mg/kg ARZNAD 8,544,58
scu-mus LD50:86 mg/kg ARZNAD 8,544,58

VALERYLALDEHYDE see: YV3600000

YV9107500 VALERYL CHLORIDE
UPDT:8308 CAS: 638-29-9 MW: 120.59 MOLFM: C5-H9-Cl-O
SYN: UN 2502 (DOT) * VALERYL CHLORIDE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VALERYL CHLORIDE (DOT) see: YV9107500
VALETAN see: AG6330000
VALETHAMATE see: BP7600000
VALETHAMATE BROMIDE see: BP7600000
VALEXON see: MD4740000
VALEXONE see: MD47[illegible]0000
VALFLON see: KX4025000
VALFOR see: BD1450000
VALGESIC see: AE4200000
VALGIS see: TI4375000
VALGRAINE see: TI4375000

YV9350700 L-VALINAMIDE, N(sup 2)-(((1-CARBOXY-2-PHENYLETHYL)AMINO)CARBONYL)-L-ARGINYL-N-(4-((AMINOIMINOMETHYL)AMINO)-1-FORMYLBUTYL)-
UPDT:[illegible] CAS: 37691-11-5 MW: 604.81 MOLFM: C27-H44-N10-O6
SYN: ANTIPAIN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T21 ivg-mky TDLo:3600 ug/kg BIREBV 20,1045,79
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VALINE see: YV9361000
L-VALINE see: YV9361000

YV9361000 VALINE, L-
UPDT:8402 CAS: 72-18-4 MW: 117.17 MOLFM: C5-H11-N-O2
SYN: L(+)-alpha-AMINOISOVALERIC ACID * VALINE * L-VALINE
MUTATION DATA AND REFERENCES:
oms-omi 10 mmol/L CBINA8 16,201,77
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:5390 mg/kg ABBIA4 58,253,55
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YV9380000 VALINE, N-ACETYL-3-MERCAPTO-, DL-
UPDT:8403 CAS: 59-53-0 MW: 191.27 MOLFM: C7-H13-N-O3-S
SYN: N-ACETYL-3-MERCAPTOVALINE * N-ACETYL-D,L-PENICILLAMINE * USAF HJ-2
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:400 mg/kg NTIS** AD691-490

VALINE ALDEHYDE see: NQ4025000

YV9392000 VALINE, N-BENZOYL-3-MERCAPTOTHIO-
UPDT:8303 MW: 269.40 MOLFM: C12-H15-N-O2-S2
SYN: alpha-BENZOLYAMINO-beta-MERCAPTOISOVALERIC THIOL ACID * N-BENZOYL-3-MERCAPTOTHIOVALINE * BUTYRIC ACID, 2-BENZAMIDO-3-MERCAPTO-3-METHYLTHIO-
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:600 mg/kg AIPTAK 136,452,62

YV9392200 VALINE, N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-
UPDT:8308 MW: 424.52 MOLFM: C20-H24-N8-O3
SYN: N-(p-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)VALINE * 6-MAB-DL-VAL
TOXICITY DATA AND REFERENCES:
* unk-rat LD50:200 mg/kg NEOLA4 29,43,82

YV9396000 VALINE, N-((2-CHLOROETHYL)NITROSOCARBAMOYL)-, METHYL ESTER, L-
UPDT:8303 MW: 265.73 MOLFM: C9-H16-Cl-N3-O4
SYN: L-N-((2-CHLOROETHYL)NITROSOCARBAMOYL)VALINE METHYL ESTER * ESTER METHYLIQUE de la N-((CHLORO-2-ETHYL)NITROSOCARBAMOYL)-L-VALINE (French) * ICIG 1729 * VAL CNU
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:100 mg/kg EJMCA5 17,257,82

YV9397100 D-VALINE, N-(2-CHLORO-4-(TRIFLUOROMETHYL)PHENYL)-, CYANO(3-PHENOXYPHENYL)METHYL ESTER
UPDT:8401 CAS: 69409-94-5 MW: 502.95 MOLFM: C26-H22-Cl-F3-N2-O3
SYN: N-(2-CHLORO-4-(TRIFLUOROMETHYL)PHENYL)-D-VALINE CYANO(3-PHENOXYPHENYL)METHYL ESTER * FLUVALINATE
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:260 mg/kg FMCHA2 -,C108,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YV9397200 L-VALINE, N-(((DIETHOXYPHOSPHINOTHIOYL)THIO)ACETYL)-
UPDT:8402 CAS: 19683-83-1 MW: 343.43 MOLFM: C11-H22-N-O5-P-S2
SYN: N-(((DIETHOXYPHOSPHINOTHIOYL)THIO)ACETYL)-L-VALINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:2250 mg/kg IANBAM (2),242,82

YV9397300 L-VALINE, N-(((DIETHOXYPHOSPHINOTHIOYL)THIO)ACETYL)-, ETHYL ESTER
UPDT:8402 CAS: 19700-58-4 MW: 371.49 MOLFM: C13-H26-N-O5-P-S2
SYN: N-(((DIETHOXYPHOSPHINOTHIOYL)THIO)ACETYL)-L-VALINE ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:90 mg/kg IANBAM (2),242,82

YV9397400 L-VALINE, N-(((DIETHOXYPHOSPHINYL)THIO)ACETYL)-
UPDT:8402 CAS: 74107-58-7 MW: 327.37 MOLFM: C11-H22-N-O6-P-S
SYN: N-(((DIETHOXYPHOSPHINYL)THIO)ACETYL)-L-VALINE
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:950 mg/kg IANBAM (2),242,82

YV9397600 L-VALINE, N-(((DIETHOXYPHOSPHINYL)THIO)ACETYL)-, ETHYL ESTER
UPDT:8402 CAS: 23701-49-7 MW: 355.43 MOLFM: C13-H26-N-O6-P-S
SYN: N-(((DIETHOXYPHOSPHINYL)THIO)ACETYL)-L-VALINE ETHYL ESTER
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:75 mg/kg IANBAM (2),242,82

YV9397700 VALINE, N-(p-(3,3-DIMETHYLTRIAZENO)BENZOYL)-, ETHYL ESTER, DL-
UPDT:8402 MW: 319.43 MOLFM: C16-H23-N4-O3
SYN: DL-N-(p-(3,3-DIMETHYLTRIAZENO)BENZOYL)VALINE ETHYL ESTER
TOXICITY DATA AND REFERENCES:
1V30 unk-rat LD50:597 mg/kg NEOLA4 28,19,81

YV9425000 VALINE, 3-MERCAPTO-, D-
UPDT:8412 CAS: 52-67-5 MW: 149.23 MOLFM: C5-H11-N-O2-S
SYN: CUPRENIL * CUPRIMINE * DEPEN * DIMETHYLCYSTEINE * beta,beta-DIMETHYLCYSTEINE * D-MERCAPTOVALINE * D-3-MERCAPTOVALINE * METALCAPTASE * PCA * D-PENAMINE * PENICILLAMIN * PENICILLAMINE * D-PENICILLAMINE * (S)-PENICILLAMIN * REDUCED PENICILLAMINE * REDUCED D-PENICILLAMINE * TROLOVOL * D-VALINE, 3-MERCAPTO-
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T43T44T45 unk-wmn TDLo:6480 mg/kg (1-39W preg) TJADAB 29(3),25A,84
1T39 orl-rat TDLo:9130 mg/kg (1-22D preg) TJADAB 26,163,82
1T77 orl-rat TDLo:1870 mg/kg (1-22D preg) TJADAB 23,44A,81
3T21T24T29 orl-rat TDLo:41 gm/kg (60D male/14D pre-7D preg) OYYAA2 18,553,79
1T73 orl-rat TDLo:1750 mg/kg (17-22D preg/21D post) OYYAA2 18,571,79
1T81 orl-rat TDLo:1375 mg/kg (7-17D preg) OYYAA2 18,561,79
3T41T44T46 orl-rat TDLo:9130 mg/kg (1-22D preg) TJADAB 26,163,82
3T25T34T49 orl-rat TDLo:8715 mg/kg (1-21D preg) JONUAI 113,501,83
2T34T46 ipr-rat TDLo:5 gm/kg (15-19D preg) NSAPCC 287,359,75
3T76T77T85 orl-mus TDLo:20160 mg/kg (1-21D preg/21D post) TXAPA9 65,273,82
1T87 orl-mus TDLo:10080 mg/kg (1-21D preg/21D post) TXAPA9 65,273,82
3T34T41T46 orl-ham TDLo:3200 mg/kg (7D preg) ACATA5 100,347,78
2T25T35 orl-ham TDLo:4 gm/kg (7D preg) ACATA5 100,347,78
TUMORIGENIC DATA AND REFERENCES:
?V01P61 orl-chd TDLo:122 gm/kg/3Y-C JAMAAP 248,467,82
3V03P61P62 ipr-mus TDLo:2 gm/kg/4W-I LANCAO 2,1356,76
TOXICITY DATA AND REFERENCES:
3M13P14P17 orl-ham TDLo:21 mg/kg/D JAMAAP 240,1870,78
1R03 orl-hmn TDLo:1800 mg/kg/24W BMJOAE 2,1423,76
* orl-rat LD50:6170 mg/kg NIIRDN 6,758,82
* ipr-rat LD50:2080 mg/kg NIIRDN 6,758,82
* scu-rat LD50:4020 mg/kg NIIRDN 6,758,82
* ivn-rat LD50:2940 mg/kg NIIRDN 6,758,82
* orl-mus LD50:7630 mg/kg NIIRDN 6,758,82
* ipr-mus LD50:3690 mg/kg NIIRDN 6,758,82
* scu-mus LD50:3810 mg/kg NIIRDN 6,758,82
* ivn-mus LD50:4660 mg/kg NIIRDN 6,758,82

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: LANCAO 1,673,71

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

D-VALINE, 3-MERCAPTO- see: YV9425000

YV9450000 VALINE, 3-MERCAPTO-, HYDROCHLORIDE, D-

UPDT:8411 CAS: 2219-30-9 MW: 185.69 MOLFM: C5-H11-N-O2-S .Cl-H

SYN: PENICILLAMINE HYDROCHLORIDE * D-PENICILLAMINE HYDROCHLORIDE * USAF A-1705

TOXICITY DATA AND REFERENCES:

1R03	orl-hmn TDLo:5460 mg/kg	BMJOAE 1,838,77
	ipr-mus LD50:1000 mg/kg	NTIS** AD277-689
*	orl-mam LD50:3670 mg/kg	ANTBAL 14,837,69
*	ivn-mam LD50:2170 mg/kg	ANTBAL 14,837,69

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CTOXAO 12(5),601,78

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VALINE, 3-MERCAPTO-, DL-, MERCURY COMPLEX see: OV7369000

VALINOMICIN see: YV9468000

YV9468000 VALINOMYCIN

UPDT:8308 CAS: 2001-95-8 MW: 1111.50 MOLFM: C54-H90-N6-O18

SYN: ANTIBIOTIC N-329 B * VALINOMICIN

TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:2500 ug/kg	85ERAY 1,325,78
*	ipr-mus LD50:980 ug/kg	85ERAY 1,325,78
*	scu-mus LD50:4140 ug/kg	85ERAY 1,325,78

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

VALIOIL see: UQ8400000

VALISONE see: TU3835000

VALITRAN see: DF1575000

VALIUM see: DF1575000

VALLADAN see: DD2800000

VALLADE OB see: AT6970000

VALLADON see: DD2800000

VALLERGINE see: SO6825000

YV9960000 VALMANE

UPDT:8401 CAS: 78769-65-0 MW: 422.52 MOLFM: C22-H30-O8

SYN: ISOVALTRATUM

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:75 mg/kg	85GDA2 8(1),251,82

VALMID see: GV9275000

VALMIDATE see: GV9275000

VALMIRAN see: DK9610000

VALOID see: TL6475000

YW0305000 VALONEA TANNIN

UPDT:8401

SYN: QUERCUS AEGILOPS L. TANNIN * TANNIN from VALONEA

TUMORIGENIC DATA AND REFERENCES:

2V03L60	scu-rat TDLo:750 mg/kg/2W-I	BJCAAI 14,147,60

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VALONTIN see: YV7875300 VALERIC ACID, 2-PROPYL-, CALCIUM SALT (2: 1)

VALORON see: GW4375000

VALORON HYDROCHLORIDE see: GW4375000

VALPIN see: YM3710000

VALPROATE SODIUM see: YV7876000

VALPROIC ACID see: YV7875000

VALPROIC ACID CALCIUM SALT see: YV7875300

VALPROIC ACID HEMI-CALCIUM SALT see: YV7875300

VALSPEX 155-53 see: TQ3325000

VALSYN see: RQ3620000

VALTOMYCIN see: QI8575000

VALTRATE see: EK7902000

VALTRATS (German) see: EK7902000

VALTRATUM see: EK7902000

VALTROXAL see: EK7902200

VALZIN see: YT2275000

VAMIDOATE see: TF7900000

VAMIDOTHION see: TF7900000

V. AMMODYTES VENOM see: YX3975500

V. AMMODYTES VENOM see: YX4470000

VAMPIRINIP II see: GN4550000

VAMPIRINIP III see: GN4550000

YW0750000 VANADATE(3-), HEXAFLUORO-, TRIAMMONIUM SALT

UPDT:7902 CAS: 13815-31-1 MW: 219.09 MOLFM: F6-H12-N3-V

SYN: AMMONIUM HEXAFLUOROVANADATE

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:10 mg/kg	CSLNX* NX#04249

REVIEW AND REFERENCES:

★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VANADIUM recm std-air:CL 0.05 mg(V)/m3/15M NTIS**

YW0875000 VANADIC ACID, AMMONIUM SALT

UPDT:8411 CAS: 7803-55-6 MW: 116.99 MOLFM: O3-V .H4-N

SYN: AMMONIUM METAVANADATE * AMMONIUM METAVANADATE (DOT) * AMMONIUM VANADATE * RCRA WASTE NUMBER P119 * UN 2859 (DOT)

MUTATION DATA AND REFERENCES:

	mrc-bcs 300 mmol/L	MUREAV 77,109,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T25T35	ipr-ham TDLo:11280 ug/kg (5-10D preg)	ENVRAL 29,256,82
1T73	ipr-ham TDLo:22500 ug/kg (5-10D preg)	ENVRAL 29,256,82
1T46	ipr-ham TDLo:2820 ug/kg (5-10D preg)	ENVRAL 29,256,82

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:160 mg/kg	AIHAAP 30,470,69
	ipr-rat LD50:18 mg/kg	ATXKA8 16,182,56
	scu-rat LD50:23 mg/kg	ATXKA8 16,182,56
	itr-rat LDLo:8 mg/kg	ATXKA8 16,182,56
2F07F12	scu-mus LDLo:16 mg/kg	AJSNAO 1,347,17
3J25F07F12	ivn-rbt LDLo:1 mg/kg	AJSNAO 1,347,17
2F07F12	scu-gpg LDLo:643 ug/kg	AJSNAO 1,347,17

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: FRMBAZ 21(6),325,73; 85DHAX V,46,74

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VANADIUM recm std-air:CL 0.05 mg(V)/m3/15M NTIS**

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YW1050000 VANADIC ACID, MONOSODIUM SALT

UPDT:8407 CAS: 13718-26-8 MW: 121.93 MOLFM: O3-V .Na

SYN: SODIUM METAVANADATE * SODIUM VANADATE

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:200 mg/kg	27ZWAY 3.3,1541,-
	ipr-rat LDLo:10 mg/kg	JPETAB 58,454,36
2H01H02	ivn-cat LD50:7180 ug/kg	AGSOA6 8,51,67
	orl-rbt LDLo:200 mg/kg	EQSSDX 1,1,75
	ivn-rbt LDLo:17 mg/kg	EQSSDX 1,1,75
	scu-dog LDLo:17 mg/kg	EQSSDX 1,1,75
	ivn-dog LDLo:11 mg/kg	EQSSDX 1,1,75

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: FRMBAZ 21(6),325,73; 85DHAX V,46,74

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VANADIUM recm std-air:CL 0.05 mg(V)/m3/15M NTIS**

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

YW1060000 VANADIC ACID, MONOSODIUM SALT, TETRAHYDRATE

UPDT:8412 MW: 194.01 MOLFM: O3-V .Na .4H2-O

SYN: SODIUM METAVANADATE TETRAHYDRATE * SODIUM VANADATE TETRAHYDRATE

TOXICITY DATA AND REFERENCES:

3F07F13F24	ipr-rat LD50:31 mg/kg	AIPTAK 154,243,65
3F07J26K12	ipr-mus LD50:32 mg/kg	COREAF 251,2101,60

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

YW1080000 VANADIC ACID, POTASSIUM SALT

UPDT:8401 CAS: 13769-43-2 MW: 138.04 MOLFM: O3-V .K

SYN: POTASSIUM METAVANADATE * POTASSIUM METAVANADATE (DOT) * POTASSIUM VANADIUM TRIOXIDE * UN 2864 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

YW1100000 VANADIC ACID, SODIUM AMMONIUM SALT

UPDT:8312

SYN: SODIUM AMMONIUM VANADATE (DOT) * UN 2863 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

VANADIC ANHYDRIDE see: YW2450000

VANADIC OXIDE see: YW3050000

VANADIO, PENTOSSIDO DI (Italian) see: YW2450000

YW1355000 VANADIUM

UPDT:8406 CAS: 7440-62-2 MW: 50.94 MOLFM: V

TUMORIGENIC DATA AND REFERENCES:

2V03V10	ims-rat TDLo:340 mg/kg/43W-I	NCIUS* PH 43-64-886,SEPT,71

TOXICITY DATA AND REFERENCES:

*	scu-rbt LD50:59 mg/kg	FATOAO 28,83,65

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VANADIUM recm std-air:TWA 1.0 mg(V)/m3 NTIS**

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S391, VOL 4 S388, VOL 5 290#

'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VANADIUM compd. with **BERYLLIUM** (1:12) see: DS5050000

VANADIUM CHLORIDE see: YW2625000

VANADIUM(III) CHLORIDE see: YW2800000

YW1575000 VANADIUM DICHLORIDE

UPDT:8307 CAS: 10580-52-6 MW: 121.84 MOLFM: Cl2-V

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:540 mg/kg	AIHAAP 30,470,69

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VANADIUM recm std-air:CL 0.05 mg(V)/m3/15M NTIS**

VANADIUM OXIDE see: YW3050000

YW1750000 VANADIUM OXIDE, AMMONIUM SALT

UPDT:8312 MW: 1291.21 MOLFM: H4-N .xV2-O5

SYN: AMMONIUM POLYVANADATE (DOT) * UN 2861 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

VANADIUM OXIDE (V205) see: YW2450000

YW1925000 VANADIUM, OXYSULFATO-

UPDT:8308 CAS: 27774-13-6 MW: 163.00 MOLFM: O5-S-V

SYN: C.I. 77940 * NA 9152 (DOT) * UN 2931 (DOT) * VANADYL SULFATE * VANADYL SULFATE (DOT)

TOXICITY DATA AND REFERENCES:

2F07F12	scu-rat LDLo:140 mg/kg	AJSNAO 1,347,17
	ipr-mus LD50:45 mg/kg	COREAF 256,1043,63
	scu-mus LD50:560 mg/kg	RPTOAN 34,135,71
3J25F07F12	ivn-rbt LDLo:16 mg/kg	AJSNAO 1,347,17
2F07F12	scu-gpg LDLo:31 mg/kg	AJSNAO 1,347,17

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: FRMBAZ 21(6),325,73; 85DHAX V,46,74

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82

★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83

★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VANADIUM recm std-air:CL 0.05 mg(V)/m3/15M NTIS**

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

VANADIUM OXYTRICHLORIDE see: YW2975000

VANADIUM OXYTRICHLORIDE (DOT) see: YW2975000

VANADIUM OXYTRICHLORIDE and TITANIUM TETRACHLORIDE mixture (DOT) see: XR1926400

VANADIUMPENTOXID (German) see: YW2450000

VANADIUM PENTAOXIDE see: YW2450000

YW2450000 VANADIUM PENTOXIDE (dust)

UPDT:8412 CAS: 1314-62-1 MW: 181.88 MOLFM: O5-V2

SYN: ANHYDRIDE VANADIQUE (French) * C.I. 77938 * RCRA WASTE NUMBER P120 * UN 2862 (DOT) * VANADIC ANHYDRIDE * VANADIUM OXIDE (V2O5) * VANADIUM PENTAOXIDE * VANADIO, PENTOSSIDO DI (Italian) * VANADIUMPENTOXID (German) * VANADIUM PENTOXIDE (DOT) * VANADIUMPENTOXYDE (Dutch) * VANADIUM, PENTOXYDE DE (French) * WANADU PIECIOTLENEK (Polish)

MUTATION DATA AND REFERENCES:

	mrc-bcs 500 mmol/L	MUREAV 77,109,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T46	ivn-mus TDLo:10900 mg/kg (8D preg)	ENVRAL 33,47,84

TOXICITY DATA AND REFERENCES:

3J21J22J23	ihl-hmn TCLo:346 mg/m3	AMIHAB 19,497,59

3J21J04D25	ihl-hmn TCLo:1 mg/m3/8H	AEHLAU 14,709,67
	orl-rat LD50:10 mg/kg	ATXKA8 16,182,56
	ihl-rat LCLo:70 mg/m3/2H	NTIS** AEC-TR-6710
	ipr-rat LD50:12 mg/kg	ATXKA8 16,182,56
	scu-rat LD50:14 mg/kg	ATXKA8 16,182,56
	itr-rat LDLo:25 mg/kg	NTIS** AEC-TR-6710
*	orl-mus LD50:23 mg/kg	85GMAT -,119,82
	scu-mus LD50:10 mg/kg	ZVKOA6 19,186,74
	ihl-cat LCLo:500 mg/m3/23M	30ZIAO -,140,64
	scu-rbt LDLo:20 mg/kg	27ZWAY 3.3,1541,-
	ivn-rbt LDLo:10 mg/kg	27ZWAY 3.3,1541,-
	scu-gpg LDLo:20 mg/kg	30ZIAO -,140,64

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FRMBAZ 21(6),325,73; 85DHAX V,46,74
★ TLV-TWA 50 ug/m3 (dust) DTLVS* 4,425,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:Cl 500 ug/m3 (SCP-O) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VANADIUM recm std-air:CL 0.05 mg(V)/m3/15M NTIS**
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL - 364
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YW2460000 VANADIUM PENTOXIDE (fume)
UPDT:8408 CAS: 1314-62-1 MW: 181.88 MOLFM: O5-V2
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX V,46,74
★ TLV-TWA 50 ug/m3 (vapor) DTLVS* 4,425,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:Cl 100 ug/m3 (SCP-O) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VANADIUM recm std-air:CL 0.05 mg(V)/m3/15M NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL - 364
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

VANADIUM PENTOXIDE (DOT) see: YW2450000
VANADIUMPENTOXYDE (Dutch) see: YW2450000
VANADIUM, PENTOXYDE DE (French) see: YW2450000
VANADIUM SESQUIOXIDE see: YW3050000

YW2625000 VANADIUM TETRACHLORIDE
UPDT:8308 CAS: 7632-51-1 MW: 192.74 MOLFM: Cl4-V
SYN: UN 2444 (DOT) * VANADIUM CHLORIDE * VANADIUM TETRACHLORIDE (DOT)
TOXICITY DATA AND REFERENCES:

orl-rat LD50:160 mg/kg	AIHAAP 30,470,69

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VANADIUM recm std-air:CL 0.05 mg(V)/m3/15M NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VANADIUM TETRACHLORIDE (DOT) see: YW2625000

YW2800000 VANADIUM TRICHLORIDE
UPDT:8312 CAS: 7718-98-1 MW: 157.29 MOLFM: Cl3-V
SYN: VANADIUM(III) CHLORIDE * UN 2475 (DOT) * VANADIUM TRICHLORIDE (DOT)
TOXICITY DATA AND REFERENCES:

orl-rat LD50:350 mg/kg	AIHAAP 30,470,69
scu-rbt LDLo:20 mg/kq	EQSSDX 1,1,75

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX V,46,74
STANDARDS & REGULATIONS:
★ DOT-IMO:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VANADIUM recm std-air:CL 0.05 mg(V)/m3/15M NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VANADIUM TRICHLORIDE (DOT) see: YW2800000

YW2975000 VANADIUM, TRICHLOROOXO-
UPDT:8308 CAS: 7727-18-6 MW: 173.29 MOLFM: Cl3-O-V
SYN: UN 2443 (DOT) * VANADIUM OXYTRICHLORIDE * VANADIUM OXYTRICHLORIDE (DOT) * VANADYL TRICHLORIDE
TOXICITY DATA AND REFERENCES:

orl-rat LD50:140 mg/kg	AIHAAP 30,470,69

STANDARDS & REGULATIONS:
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VANADIUM recm std-air:CL 0.05 mg(V)/m3/15M NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YW3050000 VANADIUM TRIOXIDE
UPDT:8408 CAS: 1314-34-7 MW: 149.88 MOLFM: O3-V2
SYN: UN 2860 (DOT) * VANADIC OXIDE * VANADIUM OXIDE * VANADIUM SESQUIOXIDE * VANADIUM TRIOXIDE, non-fused formed (DOT)
TOXICITY DATA AND REFERENCES:

itr-rat LDLo:125 mg/kg	NTIS** AEC-TR-6710
orl-mus LD50:382 mg/kg	GTPZAB 8,25,64
scu-mus LD50:130 mg/kg	ZVKOA6 19,186,74

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 85DHAX V,46,74
STANDARDS & REGULATIONS:
★ DOT-IMO:POISON B; LABEL:POISON CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VANADIUM recm std-air:CL 0.05 mg(V)/m3/15M NTIS**
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL - 364
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983

VANADIUM TRIOXIDE, non-fused formed (DOT) see: YW3050000
VANADYL SULFATE see: YW1925000
VALPROATE see: YV7875000
VANADYL SULFATE (DOT) see: YW1925000
VANADYL TRICHLORIDE see: YW2975000
VANANOTE see: AM9240000
VANAY see: AK3675000
VANCENASE see: TU3805000
VANCERIL see: TU3805000
VANCIDA TM-95 see: JO1400000
VANCIDE see: OP0700000
VANCIDE 51 see: FD3502000
VANCIDE 89 see: GW5075000
VANCIDE BL see: SN0525000
VANCIDE FE95 see: NO8750000
VANCIDE KS see: WH8575000
VANCIDE MANEB 80 see: OP0700000
VANCIDE MZ-96 see: ZH0525000
VANCIDE P see: ZH0950000
VANCIDE P-75 see: GW5075000
VANCIDE PA see: KU8085000
VANCIDE PB see: CZ7900000
VANCIDE TM see: JO1400000
VANCOCIN HYDROCHLORIDE see: YW4380000
VANCOCINE HYDROCHLORIDE see: YW4380000

YW4380000 VANCOMYCIN, HYDROCHLORIDE
UPDT:8303 CAS: 1404-93-9 MW: 1485.86 MOLFM: C66-H75-Cl2-N9-O24 Cl-H
SYN: VANCOCINE HYDROCHLORIDE * VANCOCIN HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:2218 mg/kg	IYKEDH 12,933,81
*	ivn-rat LD50:319 mg/kg	IYKEDH 12,933,81
*	ipr-mus LD50:1734 mg/kg	IYKEDH 12,933,81
*	ivn-mus LD50:400 mg/kg	85ESA3 9,1275,76

VANDEX see: VS7700000
VAN DYK 264 see: RB8575000
VANDYKE BROWN see: OP0915000
VANGARD K see: GW5075000
VANGUARD GF see: NO7250000
VANGUARD K see: GW5075000
VANGUARD N see: QR6140000
VANICIDE see: GW5075000
VANILLA see: YW5775000
VANILLAL see: CU6125000
VANILLALDEHYDE see: YW5775000
VANILLA PLANT see: HE7200000

YW5280000 VANILLA TINCTURE
DEF:The constituents include VANILLIN, ETHYL ALCOHOL, GLUCOVANILLIN, VANILLIC and ANISIC ACID(FCTOD7 20(Suppl),849,82)
UPDT:8303
IRRITATION DATA AND REFERENCES:

skn-rbt 500 mg/24H MOD	FCTOD7 20(Suppl),849,82

VANILLIC ALDEHYDE see: YW5775000
VANILLIC DIETHYLAMIDE see: YM5250000

YW5775000 VANILLIN
UPDT:8311 CAS: 121-33-5 MW: 152.16 MOLFM: C8-H8-O3
SYN: m-ANISALDEHYDE, 4-HYDROXY- * BENZALDEHYDE, 4-HYDROXY-3-METHOXY- * 4-HYDROXY-3-METHOXYBENZALDEHYDE * LIOXIN * 3-METHOXY-4-HYDROXYBENZALDEHYDE * PROTOCATECHUALDEHYDE, METHYL- * VANILLA * VANILLALDEHYDE * VANILLIC ALDEHYDE * p-VANILLIN * ZIMCO
MUTATION DATA AND REFERENCES:

mmo-sat 400 uL/plate	BECTA6 24,590,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

2T12T13	scu-rat TDLo:20 mg/kg (4D pre)	JSICAZ 19C,264,60

TOXICITY DATA AND REFERENCES:

1F24	orl-rat LD50:1580 mg/kg	FCTXAV 2,327,64
	ipr-rat LD50:1160 mg/kg	COREAF 243,609,56
	scu-rat LD50:1500 mg/kg	RMSRA6 16,449,1896
	ipr-mus LD50:475 mg/kg	FAONAU 44A,79,67
	ivn-dog LDLo:1320 mg/kg	COREAF 236,2549,53
	orl-rbt LDLo:3000 mg/kg	JAPMA8 29,425,40
1F07	orl-gpg LD50:1400 mg/kg	FCTXAV 2,327,64
	ipr-gpg LD50:1190 mg/kg	COREAF 236,2549,53

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FCTXAV 15,611,77
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

o-VANILLIN see: CU6530000
p-VANILLIN see: YW5775000
VANILLIN, ETHYL- see: CU6125000
VANILLIN, HYDRAZONE with 1,1,1-TRIMETHYLHYDRAZONIUM IODIDE see: MW0349300
VANILLIN METHYL ETHER see: YX5088000
VANILLYL ACETONE see: EL8900000
VANIROM see: CU6125000
VANLUBE PC see: GO7875000
VANLUBE PCX see: GO7875000
VANMALLIGE, extract (Indian) see: NY6475550 JASMINUM ROTTLERIANUM Wall. ex DC., extractexcluding roots
VAN-NATYA, extract (Indian) see: BD7130000 AMARANTHUS BLITUM Linn. var. OLERACEAE Hook. f.,extract excluding roots
VANOBID see: EX4300000
VANQUIN see: VC3543500
VANSIL see: VC0340000
VANSIL W 10 see: ZC9750000
VANSIL W 20 see: ZC9750000
VANSIL W 30 see: ZC9750000
VANTAL see: KJ3332000
VANZOATE see: DG4200000
VAPAM see: FC2100000
VAPEDRINE see: SI1750000
VAPIN see: YM3710000
VAPO-ISO see: DO1925000
VAPONA see: TC0350000
VAPONEFRIN see: DO2625000
VAPO-N-ISO see: DO1750000
VAPONITE see: TC0350000
VAPOPHOS see: TF4550000
VAPORA II see: TC0350000
VAPOTONE see: UX6825000
VARAMID ML 1 see: JR1925000
VARDAX see: NJ5749500

VARDHAK see: QJ0875000
VARFINE see: GN4725000
VARIAMINE BLUE SALT RT see: ST3150000

YW7365500 VARIAMYCIN B
DEF:isolated from STREPTOMYCES OLIVOVARIABILIS (ANTBAL 27,83,82)
UPDT:8305 MW: 1085.28 MOLFM: C52-H76-O24
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:500 ug/kg ANTBAL 27,83,82

YW7370000 VARICOCID
UPDT:8305 CAS: 53681-71-3
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:3700 mg/kg RPTOAN 37,212,74

VARICOL see: YQ2800000
VARIOFORM I see: BR9050000
VARIOFORM II see: YR6250000
VARISOFT SDC see: BO7000000
VARITON see: TN5075000
VARITOX see: AJ9100000
VARITOX see: AJ7875000
VARNISH MAKERS' NAPHTHA see: SE7555000
VARNISH MAKERS' and PAINTERS' NAPHTHA see: SE7555000
VARSOL see: SE7555000
VASAL see: NW8575000
VASALGIN see: CP8575000
VASAZOL see: QS4375000
VASAZOL see: XF8225000
VASCOPIL see: XH2387000
VASCUALS see: DJ2900000
VASCULAT see: DN9205000
VASCULIT see: DN9205000
VASCULOPATINA see: AG6475000
VASCUNICOL see: DN9205000
VASICIN (German) see: UY9454000
VASICINE see: UY9454000
VASICINONE HYDROCHLORIDE see: UY9465000
VASIMID see: NJ1925000
VASIODONE see: UR8750000
VASITOL see: RZ2620000
VASKULAT see: DN9205000
VASOBRIX 32 see: LZ4296200
VASOCON see: NJ4375000
VASOCONSTRICTINE see: DO2625000
VASOCONSTRICTOR see: DO2625000
VASODIATOL see: RZ2620000
VASODIL see: NJ1925000
VASODILAN see: DO8050000
VASODILAN see: DO8225000
VASODILATAN see: NJ1925000
VASODILIAN see: DO8050000
VASODISTAL see: TM2785100
VASODRINE see: DO2625000
VASOFILINA see: XH5600000
VASOKELLINA see: LV1050000
VASOLAN see: YV8300000
VASOLAN see: YV8320000
VASOPERIF see: GA0875000
VASOPHYSIN see: YW8659000
VASOPLEX see: DO8225000

YW8659000 VASOPRESSIN, 8-L-LYSINE-
UPDT:8405 CAS: 50-57-7 MW: 1056.36 MOLFM: C46-H65-N13-O12-S2
SYN: DIAPID * LYPRESSIN * LYSINE PITRESSIN * LYSINE VASOPRESSIN * L-LYSINE VASOPRESSIN * (8-LYSINE)VASOPRESSIN * 8-L-LYSINE VASOPRESSIN * POSTACTON * SYNTOPRESSIN * VASOPHYSIN * VASOPRESSIN-8-LYSINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T32 ivn-rbt TDLo:5 iu/kg (12D preg) JRPFA4 17,419,68
1T32 iat-rbt TDLo:0.25 iu/kg (12D preg) JRPFA4 17,419,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VASOPRESSIN-8-LYSINE see: YW8659000
VASORELAX see: UK9450000
VASOREX see: XF8225000
VASOROME see: RN6800700
VASOTON see: DO2625000
VASOTONIN see: DO2625000
VASOTRAN see: DO8225000
VASO-80 UNICELIES see: RZ2620000
VASOXINE see: DN4025000
VASOXINE HYDROCHLORIDE see: DN4025000
VASOXYL HYDROCHLORIDE see: DN4025000
VASTAREL see: TM2976100
VASURIX see: LZ4295880
VASURIX 25 see: LZ4295880
VAT BLUE 1 see: DU2988400

YW9400000 VATERIA INDICA Linn., extract excluding roots
DEF:Indian plant belonging to the family DIPTEROCARPACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:375 mg/kg IJEBA6 15,208,77

VAT GOLDEN YELLOW see: HO7030000

YW9500000 VATICA CHINENSIS Linn., extract excluding roots
DEF:Indian plant belonging to the family DIPTEROCARPACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

VATRAN see: DF1575000
VATROLITE see: JP2100000
VATSOL OT see: WN0525000
VAZADRINE see: NS1750000
VAZO 64 see: UG0800000
VAZOFIRIN see: XH2475000
V-BRITE see: JP2100000
VC see: KU9625000
VC 100 see: KV0350000
VC 410 see: KV0350000
V-C-13 see: TF0350000
V-C 1-13 see: TF0350000
V-C 3-607 see: TE4480000
V-C 3-665 see: TA8100000
V-C 3-668 see: TG5250000
V-C 3-670 see: TB2275000
V-C 3-676 see: TA7500000
V-C 3-759 see: TA7490000
V-C 3-764 see: TA8050000
V-C 3-786 see: AI7250000
V-C 3-789 see: WM8550000
V-C 3-790 see: TA7380000
V-C 9-104 see: TE4025000
V-C CHEMICAL 3-789 see: WM8550000
V-C CHEMICAL 3-790 see: TA7380000
V-C CHEMICAL V-C 3-607 see: TE4480000
V-C CHEMICAL V-C 3-665 see: TA8100000
V-C CHEMICAL V-C 3-676 see: TA7500000
V-C CHEMICAL V-C 3-759 see: TA7490000
V-C CHEMICAL V-C 3-786 see: AI7250000
V-C CHEMICAL V-C 9-104 see: TE4025000
V-CIL-K see: XH9275000
V-CILLIN K see: XH9100000
V-CILLIN K see: XH9275000
VCM see: KU9625000
VCN see: AT5250000
VC13 NEMACIDE see: TF0350000
VCR see: OH6300000
V.C.S. see: TB1720000
VCS 438 see: RO0835000
VCS-506 see: TB1720000
VDC see: YZ8061000
VDC see: KV9275000
VDF see: KW0560000
VDM see: FC2100000
VECTAL see: XY5600000
VECTAL SC see: XY5600000
VECTREN see: CV2450000
VECURONIUM BROMIDE see: TN4875000
VEDERON see: NS1750000
VEDRIL see: TR0400000
VEDRIL S see: TR0400000
VEDRIL B see: TR0400000
VEE GEE GELATIN see: LX8580000
VEETIDS see: XH9275000
VEGABEN see: DG1925000
VEGADEX see: EZ5075000
VEGADEX SUPER see: EZ5075000
VEGANINE see: AM4375000
VERTAC METHYL PARATHION TECHNISCH 80% see: TG0175000
VEGASERPINA see: ZG0175000
VEGEDEX see: EZ5075000
VEGENTINE BLUE CSW see: QJ6430000
VEGETABLE PEPSIN see: RU4950000

YX1885000 VEGETABLE (SOYBEAN) OIL, brominated
UPDT:8405
SYN: BROMINATED VEGETABLE (SOYBEAN) OIL
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T81T85 orl-rat TDLo:9 gm/kg (2W male/2W pre-14D post) TJADAB 28,309,83
1T76 orl-rat TDLo:19 gm/kg (2W male/2W pre-21D post) TJADAB 28,309,83
1T72 orl-rat TDLo:27 gm/kg (2W male/2W pre-1D post) TJADAB 28,309,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VEGETOX see: FD1225000
VEGFRU see: TD9450000
VEGFRU FOSMITE see: TE4550000
VEGFRU MALATOX see: WM8400000
VEGIBEN see: DG1925000
VEGOLYSEN see: BQ8575000
VEGOLYSIN see: BQ8575000
VEHEM see: KC0180000
VEINARTAN see: PC9450000
VEL 3973 see: AE2460000
VEL 4283 (OBS.) see: GQ4750000
VEL 4284 see: TE1050000
VEL-5026 see: NJ0620000
VELARDON see: RU4950000
VELBAN see: YY8400000
VELFLON see: KX4025000
VELDOPA see: AY5600000
VELBE see: YY8400000
VELICREN, combustion products see: AT6975000
VELIUM see: DF1575000
VELMOL see: WN0525000
VELON see: KV9750000
VELOSEF see: XI0336000
VELPAR see: XY7850000
VELPAR WEED KILLER see: XY7850000
VELSICOL see: BZ5075000
VELSICOL 104 see: PC0700000
VELSICOL 506 see: TB1720000
VELSICOL 1068 see: PB9800000
VELSICOL C see: BZ5075000
VELSICOL COMPOUND C see: BZ5075000
VELSICOL COMPOUND 'R' see: DG7525000
VELSICOL 53-CS-17 see: PB9450000
VELSICOL 58-CS-11 see: DG7525000
VELSICOL 58-CS-25 see: BZ5075000
VELSICOL 58-CS-39 see: WM8250000
VELSICOL 58-CS-51 see: TE0560000
VELSICOL 58-CS-52 see: TE4400000
VELSICOL FCS-303 see: TB1717500
VELSICOL HEPTACHLOR see: PC0700000
VELSICOL OCS-21959 see: TE1410000
VELSICOL VCS 506 see: TB1720000
VELUSTRAL KPA see: TQ3325000

YX3955730 VELVA GLO RED
UPDT:8308
SYN: PIGMENTO FO TOLUMINESCENTE VELVA-GLO RED 103-115 (Italian) * PIGMENT VELVA-GLO RED 103-115
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:1000 mg/kg BCFAAI 103,727,64

* ipr-mus LD50:250 mg/kg BCFAAI 103,727,64

VELVETEX see: BU2614000
VENA see: KR6825000
VENARTERIN see: PC9450000 METHESCULETOL THEOPHYLLINE
VENCIPON see: KB0700000
VENDACID LIGHT ORANGE 2G see: QJ6500000
VENDALAI STEM BARK EXTRACT (Indian) see: LZ1790000
VENDEX see: JN8770000
VENETIAN RED see: NO7400000
VENETLIN see: ZE4400000
VENGICIDE see: UY9100000

YX3956450 VENOGLOBULIN-I
UPDT:8306
TOXICITY DATA AND REFERENCES:
2J26R21 ivn-rat LDLo:7810 mg/kg YACHDS 9,4033,81

YX3958520 VENOM, AUSTRALIAN BULLDOG ANT, MYRMECIA PYRIFORMIS
UPDT:8401
SYN: M. PYRIFORMIS VENOM * MYRMECIA PYRIFORMIS VENOM
TOXICITY DATA AND REFERENCES:
3F12H05J24 ipr-mus LD50:2 mg/kg TOXIA6 4,225,67

YX3958600 VENOM, AUSTRALIAN ELAPIDAE SNAKE, ACANTHOPHIS ANTARCTICUS
UPDT:8308
SYN: A. ANTRACTICUS (AUSTRALIA) VENOM * ACANTHOPHIS ANTARCTICUS (AUSTRALIA) VENOM * AUSTRALIAN DEATH ADDER SNAKE VENOM
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:160 ug/kg TOXIA6 17,609,79
scu-mus LD50:338 ug/kg TOXIA6 17,661,79
* ims-mus LD50:80 ug/kg BIJOAK 199,211,81

YX3959270 VENOM, AUSTRALIAN SNAKE, ACANTHOPHIS ANTARCTICUS B
UPDT:8404
SYN: A. ANTARCTICUS B (AUSTRALIAN) VENOM * ACANTHOPHIS ANTARCTICUS B (AUSTRALIAN) VENOM * COMMON DEATH ADDER SNAKE VENOM * TOXIN AA B
TOXICITY DATA AND REFERENCES:
2C08J22 ims-mus LD50:130 ug/kg BIJOAK 193,899,81

YX3959300 VENOM, AUSTRALIAN SNAKE, AUSTRELAPS SUPERBA
UPDT:8310
SYN: A. SUPERBA VENOM * AUSTRELAPS SUPERBA VENOM
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:280 ug/kg 85EGD4 5,368,78
2M03M16 scu-mus LD50:6200 ug/kg TOXIA6 18,443,80

YX3960400 VENOM, AUSTRALIAN SNAKE, NOTECHIS SCUTATUS
UPDT:8311
SYN: AUSTRALIAN TIGER SNAKE VENOM * NOTECHIS SCUTATUS (AUSTRALIA) VENOM * N. SCUTATUS (AUSTRALIA) VENOM
TOXICITY DATA AND REFERENCES:
scu-mus LD50:118 ug/kg TOXIA6 17(Suppl 1),121,79

YX3960600 VENOM, AUSTRALIAN SNAKE, OPHIOPHAGUS HANNAH
UPDT:8306
SYN: AUSTRALIAN KING COBRA SNAKE VENOM * O. HANNAH (AUSTRALIA) VENOM * OPHIOPHAGUS HANNAH (AUSTRALIA) VENOM
TOXICITY DATA AND REFERENCES:
scu-mus LD50:1091 ug/kg TOXIA6 17,661,79
* ivn-mus LD50:125 ug/kg BICMBE 61,719,79

YX3961200 VENOM, AUSTRALIAN SNAKE, PSEUDECHIS COLLETTI
UPDT:8404
SYN: AUSTRALIAN COLLETT'S SNAKE VENOM * P. COLLETTI (AUSTRALIA) VENOM * PSEUDECHIS COLLETTI (AUSTRALIA) VENOM
TOXICITY DATA AND REFERENCES:
scu-mus LD50:2380 ug/kg TOXIA6 17,661,79

YX3962400 VENOM, AUSTRALIAN SNAKE, PSEUDONAJA TEXTILIS
UPDT:8402
SYN: AUSTRALIAN BROWN SNAKE VENOM * PSEUDONAJA TEXTILIS (AUSTRALIA) VENOM * P. TEXTILIS (AUSTRALIA) VENOM * TEXTILON (OBS.) * TEXTILOTOXIN
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:310 ug/kg TOXIA6 17(Suppl 1),121,79
scu-mus LD50:41 ug/kg TOXIA6 17,661,79
* ivn-mus LD50:1 ug/kg TOXIA6 21,143,83

YX3962600 VENOM, AUSTRALIAN SNAKE, TROPIDECHIS CARINATUS
UPDT:8306
SYN: AUSTRALIAN ROUGH SCALED SNAKE VENOM * T. CARINATUS (AUSTRALIA) VENOM * TROPIDECHIS CARINATUS (AUSTRALIA) VENOM
TOXICITY DATA AND REFERENCES:
1M14 ipr-mus LD50:125 ug/kg TOXIA6 20,1085,82
scu-mus LD50:1090 ug/kg TOXIA6 17,661,79

YX3962800 VENOM, BALDFACED HORNET, DOLICHOVESPULA MACULATA
UPDT:8401
SYN: D. MACULATA VENOM * DOLICHOVESPULA MACULATA VENOM
TOXICITY DATA AND REFERENCES:
3C08F12F17 ipr-mus LD50:50 mg/kg TOXIA6 18,469,80

YX3963100 VENOM, BLANDING'S TREE SNAKE, BOIGA BLANDINGI (AFRICA)
UPDT:8404
SYN: B. BLANDINGI VENOM * BLANDING'S TREE SNAKE VENOM * BOIGA BLANDINGI VENOM
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:3229 mg/kg TOXIA6 14,307,76

YX3963200 VENOM, BRAZILIAN ANT, PARAPONERA CLAVATA
UPDT:8401
SYN: P. CLAVATA VENOM * PARAPONERA CLAVATA VENOM
TOXICITY DATA AND REFERENCES:
3F12F13F17 ipr-mus LD50:6 mg/kg TOXIA6 18,469,80

YX3963500 VENOM, BROWN RECLUSE SPIDER, LOXOSCELES RECLUSA
UPDT:8404
SYN: BROWN RECLUSE SPIDER VENOM * LOXOSCELES RECLUSA VENOM * L. RECLUSA VENOM
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:490 ug/kg TOXIA6 19,677,81
3P14P17R03 ipr-gpg LD50:430 ug/kg SUFOAX 32,571,81

YX3963520 VENOM, BUMBLE BEE, BOMBUS IMPATIENS
UPDT:8401
SYN: B. IMPATIENS VENOM * BOMBUS IMPATIENS VENOM
TOXICITY DATA AND REFERENCES:
3C08F12F17 ipr-mus LD50:7200 ug/kg TOXIA6 18,469,80

YX3963530 VENOM, CENTIPEDE, SCOLOPENDRA SUBSPINIPES DEHAANI Brandt
UPDT:8412
SYN: SCOLOPENDRA SUBSPINIPES BEHAANI Brandt TOXIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:750 ug/kg IJEBA6 20,615,82

YX3963550 VENOM, CHINESE HABU SNAKE, TRIMERESURUS MUCROSQUAMATUS
UPDT:8308
SYN: TRIMESURUS MUCROSQUAMATUS VENOM
TOXICITY DATA AND REFERENCES:
1P01 ipr-mus LD50:2815 ug/kg TOXIA6 21,247,83

YX3963600 VENOM, CORAL SNAKE, MICRURUS CARINICAUDUS DUMERILLII
UPDT:8404
SYN: M. CARINICAUDUS DUMERILII VENOM * MICRURUS CARINICAUDUS DUMERILII VENOM
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:1075 ug/kg TOXIA6 13,139,75
ivn-mus LD50:1075 ug/kg TOXIA6 13,139,75

YX3964600 VENOM, COSTA RICAN SNAKE, BOTHROPS ATROX
UPDT:8404
SYN: B. ATROX VENOM * BOTHROPS ATROX VENOM
TOXICITY DATA AND REFERENCES:
3J30K06P01 ivn-mus LD50:1400 ug/kg TXAPA9 16,73,70

YX3970000 VENOM, COSTA RICAN SNAKE, MICRURUS ALLENI YATESI
UPDT:8404
SYN: M. A. YATESI VENOM * MICRURUS ALLENI YATESI VENOM
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:113 ug/kg AJTHAB 21,360,72
ivn-mus LD50:750 ug/kg AJTHAB 21,360,72

YX3971000 VENOM, COSTA RICAN SNAKE, MICRURUS MIPARTITUS HERTWIGI
UPDT:8404
SYN: MICRURUS MIPARTIUS HERTWIGI VENOM * M. M. HERTWIGI VENOM
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:238 ug/kg AJTHAB 21,360,72
ivn-mus LD50:1875 ug/kg AJTHAB 21,360,72

YX3973500 VENOM, CRESTED NEWT, TRITURUS CRISTATUS
DEF:Obtained by sucking up the foamy secretion from granulary skin glands of the CRESTED NEWT(EXPEAM 34,503,78)
UPDT:8308
SYN: TRITURUS CRISTATUS VENOM
TOXICITY DATA AND REFERENCES:
3F12F23J30 scu-mus LD50:4500 ug/kg EXPEAM 34,503,78

YX3975000 VENON, EGYPTIAN COBRA, NAJA HAJE
UPDT:8411
SYN: NAJA HAJE VENOM * N. HAJE VENOM
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:160 ug/kg AIMJA9 26,199,75
* ice-mus LD50:95 ug/kg TOXIA6 22,308,84
1H30 ipr-gpg LD50:500 ug/kg TOXIA6 18,374,80

YX3975300 VENOM, ETHIOPIAN SNAKE, ECHIS CARINATUS
UPDT:8308
SYN: E. CARINATUS VENOM * ECHIS CARINATUS VENOM
TOXICITY DATA AND REFERENCES:
3C08H17J22 ivn-mus LD50:1025 ug/kg THERAP 26,1007,71

YX3975500 VENOM, EUROPEAN VIPER, VIPERA AMMODYTES
UPDT:8306
SYN: V. AMMODYTES VENOM * VIPERA AMMODYTES VENOM
TOXICITY DATA AND REFERENCES:
1A11 par-rat LD50:850 ng/kg TOXIA6 20,191,82
1C08 ivn-mus LD50:800 ug/kg TOXIA6 20,1051,82

YX3975700 VENOM, FORMOSAN BANDED KRAIT, BUNGARUS MULTICINCTUS
UPDT:8311
SYN: BUNGARUS MULTICINCTUS VENOM
TOXICITY DATA AND REFERENCES:
1F23 ipr-mus LD50:2500 ug/kg TOXIA6 20,753,82

YX3980000 VENOM, GASTROPOD, CONUS STRIATUS
UPDT:8303
SYN: CONUS STRIATUS VENOM * C. STRIATUS VENOM
TOXICITY DATA AND REFERENCES:
3C08F23J22 ipr-mus LD50:23 mg/kg TOXIA6 14,267,76

YX4179000 VENOM, HARVESTER ANT, POGONOMYRMEX BADIUS
UPDT:8404
SYN: HARVESTER ANT VENOM * P. BADIUS VENOM * POGONOMYRMEX BADIUS VENOM
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:420 ug/kg SCIEAS 200,1064,78

YX4179200 VENOM, HARVESTER ANT, POGONOMYRMEX BARBATUS
UPDT:8401
SYN: BARBATOLYSIN * P. BARBATUS VENOM * POGONOMYRMEX BARBATUS VENOM
TOXICITY DATA AND REFERENCES:
3F12H05J24 ipr-mus LD50:620 ug/kg TOXIA6 18,469,80

YX4179300 VENOM, HARVESTER ANT, POGONOMYRMEX COMANCHE
UPDT:8401
SYN: P. COMANCHE VENOM * POGONOMYRMEX COMANCHE VENOM
TOXICITY DATA AND REFERENCES:
3F12H05J24 ipr-mus LD50:250 ug/kg TOXIA6 18,469,80

YX4179500 VENOM, HARVESTER ANT, POGONOMYRMEX RUGOSUS
UPDT:8404
SYN: POGONOMYRMEX RUGOSUS VENOM * P. RUGOSUS ANT VENOM
TOXICITY DATA AND REFERENCES:
3F12H05J24 ipr-mus LD50:470 ug/kg TOXIA6 18,469,80

YX4179650 VENOM, HONEYBEE, APIS MELLIFERA
UPDT:8401
SYN: A. MELLIFERA VENOM * APIS MELLIFERA VENOM
TOXICITY DATA AND REFERENCES:
3F12H05J24 ipr-mus LD50:3500 ug/kg TOXIA6 18,469,80

YX4179670 VENOM, HORNET, VESPULA SQUAMOSA
UPDT:8404
SYN: VESPULA SQUAMOSA VENOM * V. SQUAMOSA VENOM
TOXICITY DATA AND REFERENCES:
3F12H05J24 ipr-mus LD50:3500 ug/kg TOXIA6 18,469,80

YX4179700 VENOM, HYMENOPTERA, APOICA PALLENS
UPDT:8401
SYN: A. PALLENS VENOM * APOICA PALLENS VENOM
TOXICITY DATA AND REFERENCES:
3C08F12F17 ipr-mus LD50:59 mg/kg TOXIA6 18,469,80

YX4179800 VENOM, HYMENOPTERA, DINOPONERA GIGANTEA
UPDT:8401
SYN: D. GIGANTEA VENOM * DINOPONERA GIGANTEA VENOM
TOXICITY DATA AND REFERENCES:
3C08F12F17 ipr-mus LD50:38 mg/kg TOXIA6 18,469,80

YX4179850 VENOM, HYMENOPTERA, ECITON BURCHELLI
UPDT:8401
SYN: E. BURCHELLI VENOM * ECITON BURCHELLI VENOM
TOXICITY DATA AND REFERENCES:
3C08F12F17 ipr-mus LD50:10 mg/kg TOXIA6 18,469,80

YX4179960 VENOM, HYMENOPTERA, POLYBIA CHRYSOTHORAX
UPDT:8401
SYN: P. CHRYSOTHORAX VENOM * POLYBIA CHRYSOTHORAX VENOM
TOXICITY DATA AND REFERENCES:
3C08F12F17 ipr-mus LD50:32 mg/kg TOXIA6 18,469,80

YX4179980 VENOM, INDIAN CATFISH, HETEROPNEUSTES FOSSILIS
UPDT:8405
SYN: HETEROPNEUSTES FOSSILIS VENOM
TOXICITY DATA AND REFERENCES:
2F07F13 ivn-mus LD50:5010 ug/kg IJMRAQ 76,892,82

YX4180000 VENOM, INDIAN COBRA, NAJA NAJA
DEF:Three neurotoxins were separated from the venom (BCPCA6 14,1779,65)
UPDT:8411
SYN: COBRAGIFT (German) * NAJA NAJA VENOM * N. NAJA VENOM
TOXICITY DATA AND REFERENCES:
unk-man LDLo:100 mg/kg HBAMAK 4,1289,35

	unk-rat LDLo:700 mg/kg	HBAMAK 4,1289,35
*	ipr-mus LD50:140 ug/kg	JCBSB5 7,11,78
	scu-mus LD50:560 ug/kg	TOXIA6 17,661,79
1P01	ivn-mus LD50:130 ug/kg	BCPCA6 20,1549,71
	unk-mky LDLo:120 mg/kg	HBAMAK 4,1289,35
	unk-dog LDLo:800 mg/kg	HBAMAK 4,1289,35
	ivn-cat LDLo:1 mg/kg	BCPCA6 14,1779,65
	unk-rbt LDLo:500 mg/kg	HBAMAK 4,1289,35
	unk-gpg LDLo:400 mg/kg	HBAMAK 4,1289,35
	unk-ctl LDLo:50 mg/kg	HBAMAK 4,1289,35

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YX4181960 VENOM, JELLYFISH, STOMOLOPHUS MELEAGRIS
UPDT:8308
SYN: S. MELEAGRIS VENOM * STOMOLOPHUS MELEAGRIS VENOM
TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:85 ug/kg	TOXIA6 10,605,72

YX4181965 VENOM, LARGE CARPENTER BEE, XYLOCOPA VIRGINICA
UPDT:8401
SYN: X. VIRGINICA VENOM * XYLOCOPA VIRGINICA VENOM
TOXICITY DATA AND REFERENCES:

3C08F12F17	ipr-mus LD50:22 mg/kg	TOXIA6 18,469,80

YX4182050 VENOM, MALAYAN COBRA, NAJA NAJA SPUTATRIX
UPDT:8402
SYN: MALAYAN COBRA VENOM * NAJA NAJA SPUTATRIX VENOM * N. NAJA SPUTATRIX VENOM
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:1700 ug/kg	TOXIA6 21,201,83
*	ivn-mus LD50:780 ug/kg	BBACAQ 719,599,82

YX4182060 VENOM, MALAYAN COBRA, NAJA NAJA SPUTATRIX, SN1
DEF:A purified principle toxin of the Malayan cobra venom (TOXIA6 21,201,83)
UPDT:8308
SYN: SN1 * SPUTA-NEUROTOXIN 1
TOXICITY DATA AND REFERENCES:

2F07F12	ipr-mus LD50:91 ug/kg	TOXIA6 21,201,83

YX4182070 VENOM, MALAYAN COBRA, NAJA NAJA SPUTATRIX, SN2
DEF:A purified principle toxin of the Malayan cobra venom (TOXIA6 21,201,83)
UPDT:8308
SYN: SN2 * SPUTA-NEUROTOXIN 2
TOXICITY DATA AND REFERENCES:

2F07F12	ipr-mus LD50:71 ug/kg	TOXIA6 21,201,83

YX4182130 VENOM, MEXICAN SNAKE, AGKISTRODON BILINEATUS TAYLORI
UPDT:8305
SYN: AGKISTRODON BILINEATUS TAYLORI VENOM
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:2300 ug/kg	TOXIA6 18,356,80

YX4182140 VENOM, MEXICAN SNAKE, CROTALUS DURISSUS TOTONACUS
UPDT:8305
SYN: CROTALUS DURISSUS TOTONACUS VENOM
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:2500 ug/kg	TOXIA6 18,356,80

YX4182300 VENOM, MIDGET FADED RATTLESNAKE, CROTALUS VIRIDIS CALIGINIS
UPDT:8404
SYN: CROTALUS VIRIDIS CALIGINIS VENOM * C.V. CALIGINIS VENOM
TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:2300 ug/kg	TOXIA6 15,129,77

YX4182350 VENOM, MIDGET FADED RATTLESNAKE, CROTALUS VIRIDIS CERBERUS
UPDT:8404
SYN: CROTALUS VIRIDUS CERBERUS VENON * C.V. CERBERUS VENOM
TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:2500 ug/kg	TOXIA6 15,129,77
	ims-mus LD50:6 mg/kg	TOXIA6 15,129,77

YX4182400 VENOM, MIDGET FADED RATTLESNAKE, CROTALUS VIRIDIS CONCOLOR
UPDT:8404
SYN: CROTALUS VIRIDIS CONCOLOR VENOM * C.V. CONCOLOR VENOM
TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:250 ug/kg	TOXIA6 15,129,77
	ivn-mus LD50:300 ug/kg	TOXIA6 15,129,77
	ims-mus LD50:1200 ug/kg	TOXIA6 15,129,77
*	unk-mus LD50:200 ug/kg	TOXIA6 19,473,81

YX4182500 VENOM, MIDGET FADED RATTLESNAKE, CROTALUS VIRIDIS HELLERI
UPDT:8411
SYN: CROTALUS VIRIDIS HELLERI VENOM * C.V. HELLERI VENOM
TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:2800 ug/kg	TOXIA6 15,129,77
	ivn-mus LD50:580 ug/kg	TOXIA6 16,431,78
	ims-mus LD50:5100 ug/kg	TOXIA6 15,129,77

YX4182600 VENOM, MIDGET FADED RATTLESNAKE, CROTALUS VIRIDIS LUTOSUS
UPDT:8404
SYN: CROTALUS VIRIDIS LUTOSUS VENOM * C.V. LUTOSUS VENOM
TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:2100 ug/kg	TOXIA6 15,129,77
	ims-mus LD50:4200 ug/kg	TOXIA6 15,129,77

YX4182700 VENOM, MIDGET FADED RATTLESNAKE, CROTALUS VIRIDIS MUNTIUS
UPDT:8404
SYN: CROTALUS VIRIDIS MUNTIS VENOM * C.V. MUNTIUS VENOM
TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:2200 ug/kg	TOXIA6 15,129,77
3C08J22K12	ivn-mus LD50:2500 ug/kg	TOXIA6 10,13,72

YX4182800 VENOM, MIDGET FADED RATTLESNAKE, CROTALUS VIRIDIS OREGANUS
UPDT:8404
SYN: CROTALUS VIRIDIS OREGANUS VENOM * C.V. OREGANUS VENOM
TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:3200 ug/kg	TOXIA6 15,129,77
	ims-mus LD50:3600 ug/kg	TOXIA6 15,129,77

YX4182850 VENOM, MIDGET FADED RATTLESNAKE, CROTALUS VIRIDIS VIRIDIS
UPDT:8404
SYN: CROTALUS VIRIDIS VENOM * C.V. VIRIDIS VENOM
TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:2 mg/kg	TOXIA6 15,129,77
	scu-mus LD50:41 mg/kg	TOXIA6 16,431,78

YX4182865 VENOM, ORIENTAL HORNET, VESPA ORIENTALIS
UPDT:8405
SYN: VESPA ORIENTALIS VENOM * V. ORIENTALIS VENOM
TOXICITY DATA AND REFERENCES:

*	orl-mus LD50:85 mg/kg	TOXIA6 15,307,77
3F12H05J24	ipr-mus LD50:2500 ug/kg	TOXIA6 18,469,80
*	ivn-mus LD50:1900 ug/kg	TOXIA6 21,166,83

YX4182870 VENOM, PAPER WASP, POLISTES INFUSCATUS
UPDT:8401
SYN: P. INFUSCATUS VENOM * POLISTES INFUSCATUS VENOM
TOXICITY DATA AND REFERENCES:

3C08F12F17	ipr-mus LD50:6600 ug/kg	TOXIA6 18,469,80

YX4182880 VENOM, PONERINE ANT, ECTATOMMA QUADRIDENS
UPDT:8404
SYN: ECTATOMMA QUADRIDENS VENOM * E. QUADRIDENS VENOM
TOXICITY DATA AND REFERENCES:

3F12H05J24	ipr-mus LD50:6500 ug/kg	TOXIA6 18,469,80

YX4182890 VENOM, PONERINE ANT, ECTATOMMA TUBERCULATUM
UPDT:8404
SYN: ECTATOMMA TUBERCULATUM VENOM * E. TUBERCULATUM VENOM
TOXICITY DATA AND REFERENCES:

3F12H05J24	ipr-mus LD50:1700 ug/kg	TOXIA6 18,469,80

YX4182900 VENOM, SCORPION, ANDROCTONUS AENAS AENAS
UPDT:8306
SYN: ANDROCTONUS AENAS AENAS VENOM
TOXICITY DATA AND REFERENCES:

	unk-mus LD50:248 ug/kg	TOXIA6 9,1,71

YX4182950 VENOM, SCORPION, ANDROCTONUS AMOREUXI
UPDT:8404
SYN: A. AMOREUXI VENOM * ANDROCTONUS AMOREUXI VENOM
REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T34	ipr-rat TDLo:1 mg/kg (8-12D preg)	TOXIA6 21,177,83
1T25	ipr-rat TDLo:1 mg/kg (9-11D preg)	TOXIA6 21,177,83

TOXICITY DATA AND REFERENCES:

	ims-mus LD50:880 ug/kg	TOXIA6 13,253,75
	unk-mus LD50:600 ug/kg	TOXIA6 9,1,71

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YX4183000 VENOM, SCORPION, ANDROCTONUS AUSTRALIS
UPDT:8306
SYN: ANDROCTONUS AUSTRALIS VENOM
TOXICITY DATA AND REFERENCES:

	unk-mus LD50:280 ug/kg	TOXIA6 9,1,71

YX4183100 VENOM, SCORPION, ANDROCTONUS AUSTRALIS HECTOR
UPDT:8411
SYN: A. AUSTRALIS HECTOR VENOM * ANDROCTONUS AUSTRALIS HECTOR VENOM
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:97 ug/kg	TOXIA6 22,308,84
*	ice-mus LD50:700 ng/kg	TOXIA6 22,308,84
*	unk-mus LD50:9 ug/kg	TOXIA6 20,9,82

YX4183150 VENOM, SCORPION, ANDROCTONUS CRASSICAUDA
UPDT:8304
SYN: ANDROCTONUS CRASSICAUDA VENOM
TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:6 mg/kg	85EGD4 5,626,78
	unk-mus LD50:320 ug/kg	TOXIA6 9,1,71

YX4183500 VENOM, SCORPION, BUTHUS OCCITANUS TUNETANUS
UPDT:8411
SYN: BUTHUS OCCITANUS TUNETANUS VENOM
TOXICITY DATA AND REFERENCES:

	unk-mus LD50:716 ug/kg	TOXIA6 9,1,71

YX4183550 VENOM, SCORPION, CENTRUROIDES LIMPIDUS TECOMANUS
UPDT:8310
SYN: CENTRUROIDES LIMPIDUS TECOMANUS VENOM
TOXICITY DATA AND REFERENCES:

	unk-mus LD50:548 ug/kg	TOXIA6 9,1,71

YX4183560 VENOM, SCORPION, CENTRUROIDES SANTA MARIA
UPDT:8404
SYN: CENTRUROIDES SANTA MARIA VENOM
TOXICITY DATA AND REFERENCES:

	unk-mus LD50:308 ug/kg	TOXIA6 9,1,71

YX4183570 VENOM, SCORPION, CENTRUROIDES SCULPTURATUS
UPDT:8404
SYN: CENTRUROIDES SCULPTURATUS VENOM * C. SCULPTURATUS VENOM
TOXICITY DATA AND REFERENCES:

	scu-ckn LD50:220 ug/kg	85EGD4 5,647,78

YX4183580 VENOM, SCORPION, CENTRUROIDES SUFFUSUS SUFFUSUS
UPDT:8411
SYN: CENTRUROIDES SUFFUSUS SUFFUSUS VENOM * C. SUFFUSUS SUFFUSUS VENOM
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:78 ug/kg	TOXIA6 22,308,84
*	ice-mus LD50:1600 ng/kg	TOXIA6 22,308,84
*	unk-mus LD50:25 ug/kg	TOXIA6 20,9,82

YX4183590 VENOM, SCORPION FISH, SCORPAENA GUTTATA
UPDT:8402
SYN: SCORPAENA GUTTATA VENOM
TOXICITY DATA AND REFERENCES:

*	unk-mus LD50:2600 ug/kg	NTIS** AD-AO54-925

YX4183630 VENOM, SCORPION, HADRUROIDES LUNATUS
UPDT:8402
SYN: HADRUROIDES LUNATUS VENOM
TOXICITY DATA AND REFERENCES:

3C08F12F13	ipr-mus LD50:68 mg/kg	TOXIA6 19,906,81

YX4183640 VENOM, SCORPION, HETEROMETRUS SCABER
UPDT:8402
SYN: HETEROMETRUS SCABER VENOM
TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:10 ug/kg	IJEBA6 16,1164,78

YX4183780 VENOM, SEA ANEMONE, AIPTASIA PALLIDA
UPDT:8411
SYN: AIPTASIA PALLIDA VENOM
TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:56 ug/kg	TOXIA6 22,308,84
3C07F07J22	ivn-mus LD50:136 ug/kg	TOXIA6 17,109,79
*	ice-mus LD50:1700 ng/kg	TOXIA6 22,308,84

YX4183790 VENOM, SEA NETTLE, CHRYSAORA QUINQUECIRRHA
UPDT:8311
SYN: CHRYSAORA QUINQUECIRRHA VENOM * SEA NETTLE VENOM
TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:2780 ug/kg	TOXIA6 21,385,83

YX4183810 VENOM, SEA SNAKE, ACALYPTOPHIS PERONII
UPDT:8403
SYN: ACALYPTOPHIS PERONII VENOM
TOXICITY DATA AND REFERENCES:

2F07J30	scu-mus LD50:79 ug/kg	TOXIA6 21,901,83

YX4183830 VENOM, SEA SNAKE, AIPYSURUS DUBOISII
UPDT:8403
SYN: AIPYSURUS DUBOISII VENOM
TOXICITY DATA AND REFERENCES:

3F07F11F23	scu-mus LD50:44 ug/kg	TOXIA6 21,901,83

YX4183840 VENOM, SEA SNAKE, AIPYSURUS LAEVIS (AUSTRALIA)
UPDT:8403
SYN: AIPYSURUS LAEVIS VENOM (AUSTRALIA)
TOXICITY DATA AND REFERENCES:

*	scu-mus LD50:262 ug/kg	TOXIA6 14,347,76

* ivn-mus LD50:155 ug/kg TOXIA6 14,347,76
ims-mus LD50:130 ug/kg 85EGD4 5,357,78

YX4183850 VENOM, SEA SNAKE, ASTROTIA STOKESII (AUSTRALIA)
UPDT:8303
SYN: ASTROTIA STOKESII VENOM (AUSTRALIA)
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:260 ug/kg TOXIA6 14,347,76
* ivn-mus LD50:164 ug/kg TOXIA6 14,347,76

YX4183860 VENOM, SEA SNAKE, ASTROTIA STOKESII, TOXIN A
UPDT:8305
SYN: ASTROTIA STOKESII VENOM, TOXIN A
TOXICITY DATA AND REFERENCES:
1C08 ims-mus LD50:130 ug/kg BIJOAK 175,507,78

YX4183865 VENOM, SEA SNAKE, ASTROTIA STOKESII, TOXIN B
UPDT:8305
SYN: ASTROTIA STOKESII VENOM, TOXIN B
TOXICITY DATA AND REFERENCES:
1C08 ims-mus LD50:96 ug/kg BIJOAK 175,507,78

YX4183870 VENOM, SEA SNAKE, ASTROTIA STOKESII, TOXIN C
UPDT:8305
SYN: ASTROTIA STOKESII VENOM, TOXIN C
TOXICITY DATA AND REFERENCES:
1C08 ims-mus LD50:98 ug/kg BIJOAK 175,507,78

YX4184000 VENOM, SEA SNAKE, ENHYDRINA SCHISTOSA
UPDT:8311
SYN: ENHYDRINA SCHISTOSA VENOM
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:111 ug/kg TOXIA6 14,347,76
* ivn-mus LD50:74 ug/kg TOXIA6 20,797,82
par-mus LDLo:125 ug/kg SCNEBK 110,355,76
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: KOBUA3 23(10),728,74

YX4184700 VENON, SEA SNAKE, HYDROPHIS CYANOCINTUS (MALAYA)
UPDT:8407
SYN: HYDROPHIS CYANOCINCTUS (MALAYA) VENOM
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:240 ug/kg 85EGD4 5,357,78
ivn-mus LD50:350 ug/kg 85EGD4 5,357,78

YX4184900 VENOM, SEA SNAKE, HYDROPHIS ELEGANS (AUSTRALIA)
UPDT:8303
SYN: HYDROPHIS ELEGANS (AUSTRALIA) VENOM
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:262 ug/kg TOXIA6 14,347,76
ivn-mus LD50:120 ug/kg 85EGD4 5,357,78
ims-mus LD50:120 ug/kg 85EGD4 5,357,78

YX4184940 VENOM, SEA SNAKE, HYDROPHIS CYANOCINCTUS
UPDT:8411
SYN: H. CYANOCINCTUS VENOM * HYDROPHIS CYANOCINCTUS VENOM
TOXICITY DATA AND REFERENCES:
3F12F19J22 ipr-mus LD50:200 ug/kg 85EGD4 5,415,78
* scu-mus LD50:465 ug/kg TOXIA6 14,347,76
* ivn-mus LD50:275 ug/kg TOXIA6 14,347,76

YX4185350 VENOM, SEA SNAKE, HYDROPHIS MAJOR
UPDT:8303
SYN: H. MAJOR VENOM * HYDROPHIS MAJOR VENOM
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:194 ug/kg TOX:A6 14,347,76
* ivn-mus LD50:143 ug/kg TOXIA6 14,347,76

YX4185370 VENOM, SEA SNAKE, HYDROPHIS MELANOCEPHALUS
UPDT:8404
SYN: HYDROPHIS MELANOCEPHALUS VENOM
TOXICITY DATA AND REFERENCES:
2F07J30 scu-mus LD50:111 ug/kg TOXIA6 14,347,76

YX4185450 VENOM, SEA SNAKE, HYDROPHIS NIGROCINCTUS
UPDT:8303
SYN: H. NIGROCINCTUS VENOM * HYDROPHIS NIGROCINCTUS VENOM
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:344 ug/kg TOXIA6 14,347,76
* ivn-mus LD50:256 ug/kg TOXIA6 14,347,76

YX4185650 VENOM, SEA SNAKE, HYDROPHIS STRICTICOLLIS
UPDT:8303
SYN: H. STRICTICOLLIS VENOM * HYDROPHIS STRICTICOLLIS VENOM
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:164 ug/kg TOXIA6 14,347,76
* ivn-mus LD50:108 ug/kg TOXIA6 14,347,76

YX4185900 VENOM, SEA SNAKE, LAPEMIS HARDWICKII (MALAYA)
UPDT:8303
SYN: LAPEMIS HARDWICKII (MALAYA) VENOM
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:260 ug/kg 85EGD4 5,357,78
* scu-mus LD50:541 ug/kg TOXIA6 14,347,76
* ivn-mus LD50:303 ug/kg TOXIA6 14,347,76

YX4189500 VENOM, SEA SNAKE, LATICAUDA COLUBRINA
UPDT:8402
SYN: LATICAUDA COLUBRINA VENOM
TOXICITY DATA AND REFERENCES:
* ims-mus LD50:120 ug/kg BIJOAK 207,215,82

YX4195000 VENOM, SEA SNAKE, LATICAUDA SEMIFASCIATA
UPDT:8403
SYN: LATICAUDA SEMIFASCIATA VENOM * LATICATOXIN
TOXICITY DATA AND REFERENCES:
scu-mus LD50:200 ug/kg 85EGD4 5,426,78
* ivn-mus LD50:286 ug/kg TOXIA6 14,347,76
* ims-mus LD50:500 ug/kg BIJOAK 99,624,66
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: KOBUA3 23(10),728,74

YX4195500 VENOM, SEA SNAKE, MICROCEPHALOPHIS GRACILIS
UPDT:8303
SYN: MICROCEPHALOPHIS GRACILIS
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:480 ug/kg TOXIA6 14,347,76
par-mus LDLo:125 ug/kg SCNEBK 110,355,76

YX4195600 VENOM, SEA SNAKE, NAJA NAJA ATRA
UPDT:8309
SYN: NAJA NAJA ATRA VENOM
TOXICITY DATA AND REFERENCES:
* par-rat LD50:38 ug/kg TOXIA6 19,61,81
ipr-mus LDLo:300 ng/kg SCIEAS 144,1100,64
scu-mus LD50:670 ug/kg 85EGD4 5,426,78
1P01 ivn-mus LD50:290 ug/kg BCPCA6 20,1549,71

YX4195650 VENOM, SEA SNAKE, NOTECHIS SCUTATUS
UPDT:8303
SYN: NOTECHIS SCUTATUS VENOM * N. SCUTATUS VENOM
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:256 ug/kg TOXIA6 14,347,76
* ivn-mus LD50:78 ug/kg TOXIA6 14,347,76

YX4195700 VENOM, SEA SNAKE, PELAMIS PLATURUS
UPDT:8403
TOXICITY DATA AND REFERENCES:
2F07J30 scu-mus LD50:67 ug/kg TOXIA6 21,901,83
ivn-mus LD50:110 ug/kg EATR** EB-TR-75043

YX4251000 VENOM, SNAKE, AGKISTRODON BILINEATUS TAYLORI
UPDT:8311
SYN: AGKISTRODON BILINEATUS TAYLORI VENOM
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2300 ug/kg TOXIA6 18,356,80

YX4256000 VENOM, SNAKE, AGKISTRODON CONTORTRIX MOKASEN
UPDT:8402
SYN: A. CONTORTRIX MOKASEN VENOM * AGKISTRODON CONTORTRIX MOKASEN VENOM * NORTHERN COPPERHEAD VENOM
TOXICITY DATA AND REFERENCES:
1P02 ipr-mus LD50:220 ug/kg CBPBB8 64B,201,79
1P02 scu-mus LD50:600 ug/kg CBPBB8 64B,201,79
* ims-mus LD50:24 ug/kg JTASAG 55,96,80

YX4256700 VENOM, SNAKE, AGKISTRODON PISCIVORUS PISCIVORUS
UPDT:8402
SYN: AGKISTRODON PISCIVORUS PISCIVORUS VENOM * EASTERN COTTONMOUTH VENOM
TOXICITY DATA AND REFERENCES:
1P01 scu-mus LD50:11 mg/kg TOXIA6 17,237,79

YX4259000 VENOM, SNAKE, ATRACTASPIS DAHOMEYENSIS
UPDT:8310
SYN: ATRACTASPIS DAHOMEYENSIS
TOXICITY DATA AND REFERENCES:
3F12F17J22 ivn-mus LD50:2240 mg/kg TOXIA6 19,271,81

YX4260000 VENOM, SNAKE, BITIS ARIETANS
UPDT:8402
SYN: B. ARIETANS VENOM * BITIS ARIETANS VENOM
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:560 ug/kg TOXIA6 18,384,80
1P01 scu-mus LD50:600 ug/kg TOXIA6 20,509,82
* ivn-mus LD50:1250 ug/kg TOXIA6 14,146,76

YX4261000 VENOM, SNAKE, BITIS CAUDALIS
UPDT:8402
SYN: BITIS CAUDALIS VENOM
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:180 ug/kg TOXIA6 20,637,82

YX4263000 VENOM, SNAKE, BITIS GABONICA
UPDT:8402
SYN: B. GABONICA VENOM * BITIS GABONICA VENOM
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:960 ug/kg TOXIA6 18,384,80
* ivn-mus LD50:550 ug/kg TOXIA6 14,146,76

YX4280000 VENOM, SNAKE, alpha-BUNGARUS MULTICINCTUS
UPDT:8308
SYN: alpha-BUNGARUS MULTICINCTUS VENOM
TOXICITY DATA AND REFERENCES:
2C08J30 scu-mus LD50:300 ug/kg AIPTAK 144,241,63

YX4280030 VENOM, SNAKE, beta-BUNGARUS MULTICINCTUS
UPDT:8308
SYN: beta-BUNGARUS MULTICINCTUS VENOM
TOXICITY DATA AND REFERENCES:
3F12F33J26 scu-mus LD50:89 ug/kg AIPTAK 144,241,63

YX4280060 VENOM, SNAKE, gamma-BUNGARUS MULTICINCTUS
UPDT:8308
SYN: gamma-BUNGARUS MULTICINCTUS VENOM
TOXICITY DATA AND REFERENCES:
3F12F33J26 scu-mus LD50:120 ug/kg AIPTAK 144,241,63

YX4290000 VENOM, SNAKE, CERASTES CERASTES
UPDT:8402
SYN: C. CERASTES VENOM * CERASTES CERASTES VENOM
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1080 ug/kg TOXIA6 18,384,80
* ivn-mus LD50:375 ug/kg TOXIA6 14,146,76

YX4305000 VENOM, SNAKE, CROTALUS ADAMANTEUS
UPDT:8305
SYN: C. ADAMANTEUS VENOM * CROTALUS ADAMANTEUS VENOM * EASTERN DIAMOND-BACK RATTLESNAKE VENOM
TOXICITY DATA AND REFERENCES:
scu-mus LD50:7700 ug/kg TOXIA6 17,661,79
1P01 ivn-mus LD50:2360 ug/kg BCPCA6 20,1549,71
* unk-mus LD50:2700 ug/kg TOXIA6 19,473,81

YX4310000 VENOM, SNAKE, CROTALUS ATROX
UPDT:8311
SYN: C. ATROX VENOM * CROTALUS ATROX VENOM * WESTERN DIAMONDBACK RATTLESNAKE VENOM
TOXICITY DATA AND REFERENCES:
1P01 ipr-rat LD50:172 mg/kg TOXIA6 17,601,79
3H21P01P02 scu-mus LD50:21 mg/kg TOXIA6 18,475,80
1P01 ivn-mus LD50:3560 ug/kg BCPCA6 20,1549,71
* unk-mus LD50:4500 ug/kg TOXIA6 19,473,81

YX4320000 VENOM, SNAKE, CROTALUS DURISSUS TERRIFICUS
UPDT:8305
SYN: C.D. TERRIFICUS VENOM * CROTALUS DURISSUS TERRIFICUS VENOM
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:2500 ug/kg TOXIA6 15,129,77
1P01 ivn-mus LD50:350 ug/kg BCPCA6 20,1549,71
ims-mus LD50:1400 ug/kg TOXIA6 15,129,77
* unk-mus LD50:200 ug/kg TOXIA6 19,473,81

YX4330000 VENOM, SNAKE, CROTALUS HORRIDUS HORRIDUS
UPDT:8406
SYN: C. HORRIDUS HORRIDUS VENOM * CROTALUS HORRIDUS HORRIDUS VENOM
TOXICITY DATA AND REFERENCES:
1P01 ivn-mus LD50:2570 ug/kg BCPCA6 20,1549,71
* ims-mus LD50:6 ug/kg JTASAG 55,96,80

YX4338000 VENOM, SNAKE, CROTALUS SCUTULATUS SALVINI
UPDT:8305
SYN: CROTALUS SCUTULATUS SALVINI VENOM
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:180 ug/kg TOXIA6 16,81,78

YX4339000 VENOM, SNAKE, CROTALUS SCUTULATUS SCUTULATUS
UPDT:8411
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:140 ug/kg TOXIA6 18,699,80

YX4339500 VENOM, SNAKE, CROTALUS SCUTULATUS SCUTULATUS (ARIZONA)
UPDT:8402

SYN: CROTALUS SCUTULATUS SCUTULATUS VENOM
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:2800 ug/kg TOXIA6 16,81,78
* unk-mus LD50:3500 ug/kg TOXIA6 16,81,78

YX4340000 VENOM, SNAKE, CROTALUS SCUTULATUS SCUTULATUS (CALIFORNIA)
UPDT:8404
SYN: CROTALUS SCUTULATUS SCUTULATUS (CALIF) VENOM * C.S. SCUTULATUS (CALIF) VENOM
TOXICITY DATA AND REFERENCES:
ivn-rat LD50:1 mg/kg 85EGD4 5,217,78
ipr-mus LD50:240 ug/kg TOXIA6 15,129,77
* ivn-mus LD50:50 ug/kg TOXIA6 19,473,81
ims-mus LD50:700 ug/kg TOXIA6 15,129,77
* unk-mus LD50:200 ug/kg TOXIA6 19,473,81

YX4340500 VENOM, SNAKE, CROTALUS SCUTULATUS SCUTULATUS (UTAH)
UPDT:8305
SYN: CROTALUS SCUTULATUS SCUTULATUS (UTAH) VENOM
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:110 ug/kg TOXIA6 16,81,78

YX4345000 VENOM, SNAKE, CROTALUS VIRIDIS VIRIDIS
UPDT:8403
SYN: CROTALUS VIRIDIS VIRIDIS VENOM * C. VIRIDIS VIRIDIS VENOM
TOXICITY DATA AND REFERENCES:
1P01 ivn-mus LD50:1010 ug/kg BCPCA6 20,1549,71
* ims-mus LD50:3 mg/kg TOXIA6 21,35,83

YX4360000 VENOM, SNAKE, ECHIS CARINATUS
UPDT:8405
SYN: E. CARINATUS VENOM * ECHIS CARINATUS VENOM
TOXICITY DATA AND REFERENCES:
1S15 scu-rat LD50:5130 ug/kg AIPTAK 137,299,62
* ipr-mus LD50:196 ug/kg TOXIA6 18,384,80
* ivn-mus LD50:625 ug/kg TOXIA6 14,146,76

YX4361000 VENOM, SNAKE, ECHIS COLORATUS
UPDT:8402
SYN: ECHIS COLORATUS VENOM
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:425 ug/kg TOXIA6 14,146,76

YX4364000 VENOM, SNAKE, ERISTICAPHIS MACMAHONI
UPDT:8402
SYN: ERISTICAPHIS MACMAHONI VENOM
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:375 ug/kg TOXIA6 14,146,76

YX4405000 VENOM, SNAKE, NAJA MOSSAMBICA MOSSAMBICA
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:83 ug/kg TOXIA6 22,308,84
* ice-mus LD50:64 ug/kg TOXIA6 22,308,84

YX4410000 VENOM, SNAKE, NAJA NIGRICOLLIS
UPDT:8309
SYN: NAJA NIGRICOLLIS VENOM * N. NIGRICOLLIS VENOM
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T27T55 ims-mus TDLo:10 ug/kg (10D preg) TOXIA6 13,475,75
TOXICITY DATA AND REFERENCES:
1F02 par-rat LD50:2250 ng/kg TOXIA6 19,61,81
* ipr-mus LD50:352 ug/kg TOXIA6 18,384,80
2E05E16 ivn-mus LD50:30 ug/kg TOXIA6 20,111,82
ims-mus LD50:440 ug/kg TOXIA6 13,475,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YX4430000 VENOM, SNAKE, PSEUDOCERASTES FIELDI
UPDT:8402
SYN: P. FIELDI VENOM * PSEUDOCERASTES FIELDI VENOM * PSEUDOCERASTES PERSICUS FIELDI VENOM
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:125 ug/kg TOXIA6 14,146,76
1P23 unk-mam LD50:250 ug/kg TOXIA6 20,203,82

YX4440000 VENOM, SNAKE, RHABDOPHIS SUBMINIATUS
UPDT:8402
SYN: RED-NECK KEEL-BACK SNAKE VENOM * RHABDOPHIS SUBMINIATUS VENOM * R. SUBMINIATUS VENOM
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:6500 ug/kg TOXIA6 17(Suppl 1),190,79

YX4457000 VENOM, SNAKE, THELOTORNIS KIRTLANDI
UPDT:8405
SYN: THELOTORNIS KIRTLANDI VENOM * T. KIRTLANDI VENOM
TOXICITY DATA AND REFERENCES:
2P01P02 ivn-mus LD50:250 ug/kg TOXIA6 16,535,78

YX4460000 VENOM, SNAKE, TRIMERESURUS FLAVOVIRIDIS
UPDT:8306
SYN: T. FLAVOVIRIDIS VENOM * TRIMERESURUS FLAVOVIRIDIS VENOM
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 ug/kg TOXIA6 18,384,80
* scu-mus LD50:20 mg/kg JJPAAZ 28,553,78

YX4470000 VENOM, SNAKE, VIPERA AMMODYTES
UPDT:8402
SYN: VIPERA AMMODYTES VENOM * V. AMMODYTES VENOM
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:10 ug/kg 29QKAZ 3,863,73

YX4494000 VENOM, SNAKE, VIPERA RUSSELLI
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:700 ug/kg TOXIA6 22,207,84

YX4495000 VENOM, SNAKE, VIPERA RUSSELLI SIAMENSIS
UPDT:8402
SYN: VIPERA RUSSELLI SIAMENSIS VENOM * V. RUSSELLI SIAMENSIS VENOM
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:100 ug/kg TOXIA6 14,146,76

YX4497000 VENOM, SNAKE, VIPERA XANTHINA PALAESTINAE
UPDT:8402
SYN: VIPERA XANTHINA PALAESTINAE VENOM
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:200 ug/kg TOXIA6 14,146,76

YX4500000 VENOM, SNAKE, WALTERINNESIA AEGYPTIA
UPDT:8303
SYN: W. AEGYPTIA VENOM * WALTERINNESIA AEGYPTIA VENOM
TOXICITY DATA AND REFERENCES:
2C08J30 ipr-mus LD50:140 ug/kg TOXIA6 14,275,76

YX4530500 VENOM, SPIDER, PTERINOCHILUS sp.
UPDT:8402
SYN: PTERINOCHILUS sp. VENOM
TOXICITY DATA AND REFERENCES:
3C08J30K01 scu-mus LD50:100 ug/kg TOXIA6 20,547,82

YX4532000 VENOM, STONEFISH, SYNANCEJA HORRIDA Linn.
UPDT:8306
SYN: SYNANCEJA HORRIDA Linn. VENOM
TOXICITY DATA AND REFERENCES:
3C08F17F19 ipr-mus LD50:1800 ug/kg AIPTAK 123,195,59
3C08F17F19 ivn-mus LD50:180 ug/kg AIPTAK 123,195,59
3C08F17F19 ivn-rbt LD50:15 ug/kg AIPTAK 123,195,59

YX4533000 VENOM, TAIPAN, OXYURANUS SCUTELLATUS
UPDT:8311
SYN: OXYURANUS SCUTELLATUS VENOM * TAIPAN VENOM
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:64 ug/kg TOXIA6 20,739,82

YX4534000 VENOM, VELVET ANT, DASYMUTILLA KLUGII
UPDT:8404
SYN: DASYMUTILLA KLUGII VENOM * D. KLUGII VENOM
TOXICITY DATA AND REFERENCES:
3C08F12F17 ipr-mus LD50:71 mg/kg TOXIA6 18,469,80

YX4539200 VENOM, YELLOW JACKET, PARAVESPULA FLAVOPILOSA
UPDT:8404
SYN: PARAVESPULA FLAVOPILOSA VENOM * P. FLAVOPILOSA VENOM
TOXICITY DATA AND REFERENCES:
3C08F12F17 ipr-mus LD50:15 mg/kg TOXIA6 18,469,80

YX4539300 VENOM, YELLOW JACKET, PARAVESPULA GERMANICA
UPDT:8404
SYN: PARAVESPULA GERMANICA VENOM * P. GERMANICA VENOM
TOXICITY DATA AND REFERENCES:
3C08F12F17 ipr-mus LD50:118 mg/kg TOXIA6 18,469,80
3C08J22K12 par-mus LD50:118 mg/kg APTOA6 33,157,73

YX4539400 VENOM, YELLOW JACKET, PARAVESPULA MACULIFRONS, QUEEN
UPDT:8404
SYN: PARAVESPULA MACULIFRONS VENOM, QUEEN * P. MACULIFRONS VENOM, QUEEN
TOXICITY DATA AND REFERENCES:
3C08F12F17 ipr-mus LD50:55 mg/kg TOXIA6 18,469,80

YX4539500 VENOM, YELLOW JACKET, PARAVESPULA MACULIFRONS, WORKER
UPDT:8404
SYN: PARAVESPULA MACULIFRONS VENOM, WORKER * P. MACULIFRONS VENOM, WORKER
TOXICITY DATA AND REFERENCES:
3C08F12F17 ipr-mus LD50:9 mg/kg TOXIA6 18,469,80

VENTAIRE see: UL1225000

YX4540600 VENTILAGO CALYCULATA Tulasne, extract
DEF:Indian plant belonging to the family RHAMNACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: RUKTUPITA EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:800 mg/kg IJEBA6 7,250,69

YX4540700 VENTILAGO MADRASPATANA Gaertn., extract excluding roots
DEF:Indian plant belonging to the family RHAMNACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: LOKHANDI EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

VENTIPULMIN see: DN3180000
VENTOLIN see: ZE4400000
VENTOX see: AT5250000
VENTRAMINE see: QS4375000
VENTRAZOL see: XF8225000
VENTUROL see: MF1750000
VENZONATE see: DG4200000
VEON see: AJ8400000
VEON 245 see: AJ8400000
VEPEN see: XH9275000
VER A see: WH1316810
VERACILLIN see: XH8925000
VERAMID see: UW5969200
VERAMON see: UW5969200
VERAPAMIL see: YV8300000
VERAPAMIL HYDROCHLORIDE see: YV8320000
VERAPRET DH see: NJ0607000
VERAPRET DKh see: NJ0607000

YX5088000 VERATRALDEHYDE
UPDT:8305 CAS: 120-14-9 MW: 166.19 MOLFM: C9-H10-O3
SYN: BENZALDEHYDE, 3,4-DIMETHOXY- * 3,4-DIMETHOXYBENZALDEHYDE * 3,4-DIMETHOXYBENZENECARBONAL * METHYLVANILLIN * 4-O-METHYLVANILLIN * PROTOCATECHUALDEHYDE DIMETHYL ETHER * PROTOCATECHUECALDEHYDE DIMETHYL ETHER * PROTOCATECHUIC ALDEHYDE DIMETHYL ETHER * VANILLIN METHYL ETHER * VERATRIC ALDEHYDE * p-VERATRIC ALDEHYDE * VERATRYL ALDEHYDE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 13,923,75
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:2000 mg/kg FCTXAV 13,923,75
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YX5089500 VERATRALDEHYDE, 2-(4-METHYL-1-PIPERAZINYLCARBONYL)-
UPDT:8306 CAS: 66913-49-3 MW: 292.37 MOLFM: C15-H20-N2-O4
SYN: 2-(4-METHYL-1-PIPERAZINECARBONYL)VERATRALDEHYDE * PIPERAZINE, 1-(6-FORMYL-2,3-DIMETHOXYBENZOYL)-4-METHYL-
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:2200 mg/kg APFRAD 35,489,77

YX5089600 VERATRALDEHYDE, 2-(MORPHOLINOCARBONYL)-
UPDT:8306 CAS: 66913-47-1 MW: 279.32 MOLFM: C14-H17-N-O5
SYN: MORPHOLINE, 4-(6-FORMYL-2,3-DIMETHOXYBENZOYL)- * 2-(MORPHOLINOCARBONYL)VERATRALDEHYDE
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:2700 mg/kg APFRAD 35,489,77

YX5089800 VERATRALDEHYDE, 2-(PIPERIDINOCARBONYL)-
UPDT:8306 MW: 277.35 MOLFM: C15-H19-N-O4
SYN: 2-(PIPERIDINOCARBONYL)VERATRALDEHYDE
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:1200 mg/kg APFRAD 35,489,77

YX5089900 VERATRALDEHYDE, 2-(1-PYRROLIDINYLCARBONYL)-
UPDT:8306 CAS: 66913-48-2 MW: 263.32 MOLFM: C14-H17-N-O4
SYN: PYRROLIDINE, 1-(6-FORMYL-2,3-DIMETHOXYBENZOYL)- * 2-(1-PYRROLIDINYLCARBONYL)VERATRALDEHYDE
TOXICITY DATA AND REFERENCES:
1F29 orl-mus LD50:2700 mg/kg APFRAD 35,489,77

VERATRAMAN-11-ONE, 17,23-EPOXY-3-(beta-D-GLUCOPYRANOSYLOXY)-, (3-beta,23-beta)- (9CI) see: NY9062000
VERATRIC ALDEHYDE see: YX5088000
p-VERATRIC ALDEHYDE see: YX5088000

YX5600000 VERATRIDINE
UPDT:8403 CAS: 71-62-5 MW: 673.88 MOLFM: C36-H51-N-O11
SYN: CEVANE-3-beta,4-alpha,12,14,16-beta,17,20-HEPTOL, 4,9-EPOXY-, 3-(3,4-DIMETHOXYBENZOATE) * 4,9-EPOXYCEVANE-3,4,12,14,16,17,20-HEPTOL 3-(3,4-DIMETHOXYBENZOATE) * VERATRINE (AMORPHOUS) * 3-VERATROYLVERACEVINE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:3500 ug/kg JPETAB 78,238,43

ipr-mus LD50:1350 ug/kg PSEBAA 76,847,51
ivn-mus LD50:420 ug/kg JPETAB 82,167,44
VERATRIDINE see: YX5950000
VERATRIN see: FL5750000
VERATRIN (German) see: YX5950000

YX5950000 VERATRINE
UPDT:8403 CAS: 8051-02-3
SYN: ASAGRAEA OFFICINALIS * CAUSTIC BARLEY * CEVADILLA * CEVADINE * ENT 123 * SABACIDE * SABADILLA * SABANE DUST * VERATRIDINE * VERATRIN (German)
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-rbt TDLo:4450 ug/kg (7D preg) PSEBAA 136,1174,71
TOXICITY DATA AND REFERENCES:
orl-rat LD50:4000 mg/kg WRPCA2 9,119,70
ipr-mus LD50:7500 ug/kg PSEBAA 76,847,51
orl-dog LDLo:2 mg/kg HBAMAK 4,1289,35
orl-cat LDLo:2500 ug/kg HBAMAK 4,1289,35
unk-rbt LDLo:500 ug/kg BDCGAS 37,1946,04
unk-gpg LDLo:1000 ug/kg BDCGAS 37,1946,04
unk-frg LDLo:151 mg/kg AEXPBL 29,440,1892
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
VERATRINE see: FL5600000
VERATRINE see: FL5750000
VERATRINE (AMORPHOUS) see: YX5600000
VERATRINE (CRYSTALLIZED) see: FL5600000

YX6030000 VERATRINE (mixture), HYDROCHLORIDE
DEF:A mixture of the alkaloids CAVADINE, VERATRIDINE, CEVADILLINE, SABADINE and CEVINE fromthe seeds of SCHOENOCAULON OFFICINALE (MEIEDO 10,1422,83)
UPDT:8403 CAS: 64103-56-6
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:4800 ug/kg JPETAB 78,238,43
VERATROL see: CZ6475000
VERATROLE see: CZ6475000
VERATROLE METHYL ETHER see: CY2450000
3-VERATROYLVERACEVINE see: YX5600000

YX7140000 VERATRUM CALIFORNICUM
DEF:Top(plant) material from Veratrum californicum (Durand) (CJBIAE 44,829,66)
UPDT:8412
SYN: FALSE HELLEBORE * SKUNK CABBAGE * WESTERN HELLEBORE * WILD CORN
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T41T42 orl-dom TDLo:236 gm/kg (1-20D preg) AJVRAH 24,1164,63
TOXICITY DATA AND REFERENCES:
* orl-ham LDLo:15 mg/kg AMZOAF 9,1134,69
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEMBAP 27,107,72
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
VERATRUM VIRIDE see: YX7875000
VERATRUM VIRIDE ALKALOIDS EXTRACT see: YX7875000
VERATRYL ALDEHYDE see: YX5088000

YX7355000 VERATRYLAMINE
UPDT:8306 CAS: 5763-61-1 MW: 167.23 MOLFM: C9-H13-N-O2
SYN: BENZENEMETHANAMINE, 3,4-DIMETHOXY- * BENZYLAMINE, 3,4-DIMETHOXY- * 3,4-DIMETHOXYBENZYLAMINE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T35 orl-rat TDLo:30 mg/kg (1D preg) BEXBAN 77,646,74
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:178 mg/kg CSLNX* NX#00651
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
VERATRYL CHLORID (German) see: XS9060000
VERATRYL CHLORIDE see: XS9060000
VERATRYL CYANIDE see: AL9325000
VERATRYL-2-PROPANONE see: UC1795500
VERAX see: NK7875000
VERAZINC see: ZH5260000

YX7480000 VERBASCUM THAPSUS Linn., extract
DEF:Indian plant belonging to the family SCROPHURIACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: GIDARTAMAKU EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

YX7490000 VERBENA BONARIENSIS Linn., extract
DEF:Indian plant belonging to the family VERBENACEAE (IJEBA6 15,208,77)
UPDT:8408
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T27 orl-rat TDLo:150 mg/kg (12-14D preg) IJEBA6 15,208,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YX7495000 VERBENA OFFICINALIS Linn., extract
DEF:Indian plant belonging to the family VERBENACEAE (IJEBA6 15,208,77)
UPDT:8408
SYN: KARAITA, extract
TOXICITY DATA AND REFERENCES:
2M10Y55 ipr-mus LD50:250 mg/kg IJEBA6 15,208,77
d-VERBENONE see: TK5075000
VERBINDUNG S 557 HCl see: VO1602000
VERBINDUNG SK 8 HCl see: VO1685000
VERDANTIOL see: CB2559200
VERDICAN see: TC0350000
VERDIPOR see: TC0350000
VERDONE see: AG1575000
VERDYL ACETATE see: PC1210000
VEREL see: QA2820000
VERESENE DISODIUM SALT see: AH4375000
VERGEMASTER see: AG6825000
VERGFRU FORATOX see: TD9450000
VERGONIL see: DK9625000

YX7875000 VERILOID
VEREDEN see: SC5075000
UPDT:8407 CAS: 65072-04-0
SYN: ALKALOIDS, VERATRUM * ALKAVERVIR * AMERICAN HELLEBORE * AMERICAN VERATRUM * GREEN HELLEBORE * INDIAN POKE * VERATRUM VIRIDE * VERATRUM VIRIDE ALKALOIDS EXTRACT
TOXICITY DATA AND REFERENCES:
orl-rat LD50:12 mg/kg FEPRA7 9,257,50
ipr-rat LD50:1690 ug/kg PSEBAA 76,847,51
* scu-rat LD50:1590 ug/kg JAPMAB 39,610,50
ivn-rat LD50:440 ug/kg PSEBAA 76,847,51
orl-mus LD50:4500 ug/kg PSEBAA 76,847,51
ipr-mus LD50:3 mg/kg PSEBAA 76,847,51
* scu-mus LD50:1120 ug/kg JAPMAB 39,610,50
ivn-mus LD50:430 ug/kg PSEBAA 85,400,54
orl-dog LDLo:3 mg/kg CLDND*
ivn-dog LD50:500 ug/kg CLDND*
orl-rbt LD50:18 mg/kg PSEBAA 76,847,51
ivn-rbt LD50:27 ug/kg PSEBAA 76,847,51
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
VERILOID see: ZG0350000
3427 VERI PUR PINK see: LM5900000
VERMAGO see: TL3485000
VERMELLA see: XP2610000
VERMICID see: BO9000000
VERMICIDE BAYER 2349 see: TA0700000
VERMICOMPREN (TABL.) see: MO1955000
VERMILASS see: MO1955000
VERMINUM see: DD6495000
VERMIRAX see: EY8600000
VERMITIN see: SN5075000
VERMITIN see: VN8400000
VERMIZYM see: RU4950000
VERMOESTRICID see: FG4900000
VERMOX see: EY8600000
VERNAL PHEASANT'S EYE see: AV3750000
VERNAM see: FA4725000
VERNAMYCIN BA see: ZA4870000
VERNINE see: MF8750000
VERNOLATE see: FA4725000
VERNOLATE see: FD3840000

YX8900000 VERNONIA MALABARICA Hook. f., extract excluding roots
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77
VERODOXIN see: WL2000000
VEROLETTEN see: CQ3500000
VEROLETTIN see: CQ3500000
VERON P 130/1 see: KV0350000
VERONAL see: CQ3500000
VERONAL SODIUM see: CQ3850000
VERONA YELLOW X-1791 see: AK4580000

YX9710000 VERONICA AGRESTIS Linn., extract
DEF:Indian plant belonging to the family SCROPHULARIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78
* ipr-mus LD50:500 mg/kg IJEBA6 18,594,80

YX9720000 VERONICA ARVENSIS Linn., extract excluding roots
DEF:Indian plant belonging to the family SCROPHULARIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1M10 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

YX9730000 VERONICA BECCARBUNGA Linn., extract excluding roots
DEF:Indian plant belonging to the family SCROPHULARIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

YX9740000 VERONICA BILOBA Linn., extract excluding roots
DEF:Indian plant belonging to the family SCROPHULARIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2H02M10 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

YX9750000 VERONICA LAXA Benth., extract excluding roots
DEF:Indian plant belonging to the family SCROPHULARIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

YX9760000 VERONICA SERPYLLIFOLIA Linn., extract excluding roots
DEF:Indian plant belonging to the family SCROPHULARIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:750 mg/kg IJEBA6 16,228,78

YX9770000 VERONICA VERNA Linn., extract excluding roots
DEF:Indian plant belonging to the family SCROPHULARIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78
VEROPHEN see: SO7000000
VEROSPIRON see: TU4725000
VEROSPIRONE see: TU4725000
VERROL see: DJ2900000
VERRUCARIN A see: WH1316810

YX9822000 VERRUCARIN A, 2',3'-DIDEHYDRO-2'-DEOXY-
UPDT:8403 CAS: 4643-58-7 MW: 484.59 MOLFM: C27-H32-O8
SYN: 2',3'-DIDEHYDRO-2'-DEOXYVERRUCARIN A * MUCONOMYCIN B * VERRUCARIN J * VERRUCARIN J, stereoisomer
TOXICITY DATA AND REFERENCES:
2R03Y55 ipr-mus LD50:500 ug/kg TXAPA9 15,262,69
* ivn-mus LD50:700 ug/kg 85GDA2 6,198,81
VERRUCARIN J see: YX9822000
VERRUCARIN J, stereoisomer see: YX9822000
VERRUCULOGEN see: JH4920000

YX9840000 VERRUCULOTOXIN
VERRUCULOGEN TR 1 see: JH4920000
UPDT:8212 CAS: 56092-63-8 MW: 244.37 MOLFM: C15-H20-N2-O
TOXICITY DATA AND REFERENCES:
orl-ckn LD50:20 mg/kg TXAPA9 31,465,75
VERSAL FAST RED R see: QL3436000
VERSALIDE see: AL3031000
VERSAL ORANGE RNL see: QL3854000
VERSAL SCARLET PRNL see: QK4247000
VERSAL SCARLET RNL see: QK4247000
VERSAR DSMA LQ see: PA2275000
VERSENE see: AH4025000
VERSENE see: EV7700000
VERSENE 9 see: AH5250000
VERSENE 67 see: AH5075000
VERSENE 100 see: AH5075000
VERSENE ACID see: AH4025000
VERSENE BEADS see: AH5075000

VERSENE CA see: AH4080000
VERSENE FE 3 see: AH5075000
VERSENE NTA ACID see: AJ0175000
VERSENE POWDER see: AH5075000
VERSENE POWDER TETRA SODIUM see: AH5075000
VERSENE SODIUM 2 see: AH4375000
VERSENOL see: MB9185000
VERSENOL 120 see: MB9185000
VERSICOL E 7 see: AT4680000
VERSICOL E9 see: AT4680000
VERSICOL E15 see: AT4680000
VERSICOLORIN A see: CB1750000
VERSICOL S 25 see: AT4680000
VERSNELLER NL 63/10 see: BX4725000
VERSOMNAL see: CQ6825000
VERSOTRANE see: OW6300000
VERSTRAN see: DF2368000
VERSULIN see: LK9276000
VERSUS see: AF5085000
VERTAC see: UE4900000
VERTAC see: SL1945000
VERTAC 90% see: XW5250000
VERTAC DINITRO WEED KILLER see: SJ9800000
VERTAC GENERAL WEED KILLER see: SJ9800000
VERTAC SELECTIVE WEED KILLER see: SJ9800000
VERTAC TOXAPHENE 90 see: XW5250000
VERT ACIDE BRILLIANT BS see: BQ1150000
VERTAFUME see: PB6325000
VERTENEX see: AF7117000
VERTHION see: TG0350000
VERTISAL see: NI5600000
VERTOFIX COEUR see: AO6270000
VERTOLAN see: WO9275000
VERTON see: AG6825000
VERTON D see: AG6825000
VERTON 2D see: AG6825000
VERTON 2T see: AJ8400000
VERTRON 2D see: AG6825000
VESAKONTUHO MCPA see: AG1575000
VESALIUM see: EU1575000
VESAMIN see: DG0888000
VESIPAQUE see: ET6750000
VESPA ORIENTALIS VENOM see: YX4182865
VESPARAZ-WIRKSTOFF see. KK2275000
VESPERAL see: CQ3500000
VESPRIN see: SO8850000
VESPRIN HYDROCHLORIDE see: SO8925000
VESPULA SQUAMOSA VENOM see: YX4179670
VESTIN see: US7875000
VESTINOL AH see: TI0350000
VESTINOL OA see: AU9700000
VETIOL see: WM8400000
VESTOLEN see: TQ3325000
VESTOLEN 5200 see: UD1842000
VESTOLEN A 616 see: TQ3325000
VESTOLEN A 6016 see: TQ3325000
VESTOLEN P 5232G see. WL6475000
VESTOLEN P 5500 see: UD1842000
VESTOLIT B 7021 see: KV0350000
VESTOLIT GH see: KV0350000
VESTOLIT S 60 see: KV0350000
VESTOLIT S 6554 see: KV0350000
VESTOLIT S 6857 see: KV0350000
VESTOLIT S 7054 see: KV0350000
VESTOLIT S 7554 see: KV0350000
VESTOLIT S 8054 see: KV0350000
VESTROL see: KX4550000
VESTYRON see: WL6475000
VESTYRON 512 see: WL6475000
VESTYRON 114-12 see: WL6475000
VESTYRON HI see: WL6478000
VESTYRON MB see: WL6475000
VESTYRON N see: WL6475000
VETACALM see: XO1050000
VETAFLAVIN see: AR9660000
VETALAR see: GW1400000
VETALIN S see: XI7350000
VETALOG see: TU3920000
VETA-MERAZINE see: WP0750000
VETAMOX see: AC8225000
VETAMOX see: AC8225000
VETARCILLIN see: XH9425000
VETARSENOBILLON see: WS3680000
VETBUTAL see: CQ6125000
VETERINARY NITROFURAZONE see: LT7700000
VETICILLIN see: XH9800000
VETICOL see: AB6825000
VETIDREX see: DK9100000
VETIVENOL see: YY3177000
VETIVER ACETATE see: CO4870000
VETIVER OIL see: YY3180000

YY3177000 VETIVEROL
UPDT:8305 CAS: 68129-81-7 MW: 220.39 MOLFM: C15-H24-O
SYN: LIGNOLIA * VETIVENOL * VETIVOL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 17,923,79

VETIVEROL, ACETATE see: CO4870000
VETIVERT ACETATE see: CO4870000

YY3180000 VETIVERT OIL
UPDT:8305 CAS: 8016-96-4
SYN: OIL of VETIVER * VETIVER OIL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD FCTXAV 12,1013,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

VETIVERYL ACETATE see: CO4870000
VETIVOL see: YY3177000
VETKALM see: DE2100000
VETOL see: UQ1050000
VETQUAMYCIN-324 see: QI9100000
VETRANQUIL see: OB2275000
VETRANQUILL see: OB2275000
VETSIN see: MA1575000
VETSTREP see: WK4990000
VFR 3801 see: TR2725000
VH see: YU0650000
VH 10/60 see: AK0950000
VHR X see: XS3370000
VIADRIL see: TU4157250
VIALIDON see: CB4550000
VIALIN see: SI3675000
VI-ALPHA see: VH6750000
VIANIN see: BO9000000
VIANOL see: GO7875000
VIANSIN see: DE9450000
VIARESPAN HYDROCHLORIDE see: RO0375000
VIAROX see: TU3805000
VIBALT see: GG3750000
VIBATEX S see: TR8100000
VIBAZINE see: TL1970000
VIBAZINE see: TL0280000
VIBISONE see: GG3750000
VIBRADOX see: QI8925000
VIBRAMYCIN see: QI8650000
VIBRAMYCIN HYCLATE see: QI8925000
VIBRA-TABS see: QI8925000
VIBRIO CHOLERAE ENDOTOXIN see: JZ2750000
VIBRIO CHOLERAE EXOTOXIN see: LF3100000

YY3845000 VIBURNUM ACUMINATUM Wall., extract excluding roots
DEF:Indian plant belonging to the family CAPRIFOLIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

YY3850000 VIBURNUM ATROCYANEUM Clarke, extract excluding roots
DEF:Indian plant belonging to the family CAPRIFOLIACEAE (IJEBA6 12,512,74)
UPDT:8305
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:70 mg/kg IJEBA6 12,512,74

YY3850500 VIBURNUM FOETENS Decn., extract excluding roots
DEF:Indian plant belonging to the family CAPRIFOLIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

YY3855000 VIBURNUM STELLULATUM Wall., extract
DEF:Indian plant belonging to the family CAPRIFOLIACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H02 ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

VI-CAD see: EV0175000

YY3870000 VICATIA CONIIFOLIA DC., extract
DEF:Indian plant belonging to the family UMBELLIFERAE (IJEBA6 6,232,68)
UPDT:8301
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 6,232,68

VICCILLIN see: XH8350000
VICCILLIN S see: XH8350000
VICELAT see: CI7650000
VICIA FAVA BEANS, nitrosated see: LH9706000

YY3920000 VICIA SATIVA Linn., extract
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1 gm/kg IJEBA6 16,228,78

VICILLIN see: XH8350000
VICIN see: CI7650000
VICIN see: XH9425000
VICKNITE see: TT3700000

YY3970500 VICOA INDICA Willd. D.C.
DEF:Plant belonging to the family COMPOSITAE (IJMRAQ 78,724,83)
UPDT:8408
SYN: BANJAURI
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T22 orl-rat TDLo:4900 mg/kg (7D pre) IJMRAQ 78,724,83
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YY3970600 VICOA INDICA (Willd.) DC., extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 15,208,77)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2M10V30 ipr-mus LD50:1 gm/kg IJEBA6 15,208,77

VICTAN see: OJ8790200
VICTENON see: DB8000000
VICTORIA ORANGE see: GO9800000
VICTORIA RUBINE 0 see: QJ6550000
VICTORIA RUBINE 0 for FOOD see: QJ6550000
VICTORIA SCARLET 3R see. QJ6530000
VICTORIA SCARLET RED see: QJ6530000
VICTORIA YELLOW see: GO9800000
VICTOR TSPP see: UX7350000
VIDANGA DRIED BERRY EXTRACT (Indian) see: JY1730200
VIDANGA, root extract (Indian) see: JY1730550 EMBELIA RIBES Burm., root extract
VIDARABIN see: AU6200000
VIDARABINE see: AU6200000
VIDARABINE see: AU6210000
VIDDEN D see: TX9800000
VIDDEN D see: UC8310000
VIDEN see: AM4375000
VIDEOPHEL see: SM8400000
VIDLON see: TQ9800000
VIDON 638 see: AG6825000
VIDOPEN see: XH8425000
VIENNA GREEN see: GL6475000
VIFORCIT see: CI7650000
VIGAL see: VO0710000
VIGANTOL see: KE1050000
VIGIL see: XZ4804000

YY6050000 VIGNA CYLINDRICA Skeels, extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 12,512,74)
UPDT:8302

SYN: BARBATI EXTRACT

TOXICITY DATA AND REFERENCES:

2H30M10	ipr-mus LD50:280 mg/kg	IJEBA6 12,512,74

VIGORSAN see: VS2900000
VIKA EXTRACT (Indian) see: OM0861000
VIKANE see: WT5075000
VIKANE FUMIGANT see: WT5075000
VIKh 65 see: KV9750000
VIKING see: GG8385000
VILESCON see: UY2450000
VILIT 40 see: AK0950000
VILLESCON see: UY2450000
VILLIAUMITE see: WA9625000
VILLIAUMITE see: WB0350000
VILOXAZIN see: QE3940000
VILOXAZINE see: QE3940000
VIMINOL see: UX9635500
VIMINOLO (Italian) see: UX9635500
VINAC see: AK0920000
VINAC ASB 10 see: AK0920000
VINAC B 7 see: AK0920000
VINACET D see: AK0920000
VINACETIN A see: ZA3900000
VINACOL MH see: TR8100000
VINAC RP251 see: AK0920000
VINADINE see: S[illegible]6800000
VINALAK see: TR8100000
VINALITE D 50N see: AK0920000
VINALITE DS 41/11 see: AK0920000
VINAMAR see: KO0710000
VINAMUL N 710 see: WL6475000
VINAMUL N 7700 see: WL6475000
VINAMUL 9300 see: AK0920000
VINAPOL A 16 see: AK0920000
VINAROL see: TR8100000
VINAROL DT see: TR8100000
VINAROL ST see: TR8100000
VINAROLE see: TR8100000
VINAVILOL 2-98 see: TR8100000
VINBLASTIN see: YY8050000
VINBLASTINE see: YY8050000
VINBLASTINE SULFATE see: YY8400000
VINCADAR see: YY8575000
VINCAFOLINA see: YY8575000
VINCAFOR see: YY8575000
VINCAGIL see: YY8575000
VINCAIN see: AX7875000
VINCALEUCOBLASTIN see: YY8050000
VINCALEUCOBLASTINE see: YY8050000

YY8050000 VINCALEUKOBLASTINE
UPDT:8412 CAS: 865-21-4 MW: 811.08 MOLFM: C46-H58-N4-O9
SYN: 29060-LE * NCI-C04842 * NDC 0002-1452-01 * NINCALUICOLFLASTINE * NSC 47842 * VINBLASTIN * VINBLASTINE * VINCALEUCOBLASTIN * VINCALEUCOBLASTINE * VINCOBLASTINE * VLB

MUTATION DATA AND REFERENCES:

	oms-nml:oth 500 ppm	COREAF 258,4854,64
	oms-nml:oth 500 ppm	COREAF 258,4854,64
	dns-hmn:oth 200 ug/L	26QZAP 2,377,72
	dni-hmn:oth 200 ug/L	26QZAP 2,377,72
	cyt-hmn:hla 10 nmol/L	JJEMAG 40,409,70
	oms-mus:lym 500 nmol/L	CNREA8 42,791,82
	oms-mus:oth 30 nmol/L	CNREA8 42,791,82
	cyt-mus-unk 2 mg/kg	MUREAV 85,299,81
	cyt-mus:ast 50 mg/L	ECREAL 101,429,76
	dlt-mus-unk 500 ug/kg	MUREAV 85,299,81
	spm-mus-ipr 18 mg/kg/5D-I	CMMUAO 5,257,78
	oms-ham:ovr 22 nmol/L	CNREA8 38,2886,78
	cyt-ham:lng 3900 ng/L/32H	MUREAV 66,99,79
	cyt-ham:oth 50 ug/L	NATWAY 56,287,69

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T01	ivn-mus TDLo:7 mg/kg (1D male)	CNREA8 39,3575,79
1T24	ivn-rbt TDLo:500 ug/kg (1D preg)	FESTAS 18,7,67
1T41	ivn-rbt TDLo:300 ug/kg (1D pre)	FESTAS 18,7,67
2T24T59	unk-rbt TDLo:7500 ug/kg (4-28D preg)	CCPTAY 2,85,70
3T35T42T46	ivn-ham TDLo:100 ug/kg (8D preg)	SCIEAS 141,426,63

TUMORIGENIC DATA AND REFERENCES:

3V03N60R60	ipr-rat TDLo:2 mg/kg/7W-I	CANCAR 40(Suppl 4),1935,77
3V03J60M60	ipr-mus TDLo:7 mg/kg/26W-I	CANCAR 40(Suppl 4),1935,77

TOXICITY DATA AND REFERENCES:

1G01	ivn-man LDLo:2319 ug/kg/38W-I	LANCAO 2,692,80
3D14D25D35	ocu-hmn TDLo:14 un/kg	BJOPAL 62,97,78
1P26	unk-man TDLo:80 ug/kg	CNCRA6 50,219,66
	ivn-rat LD50:2900 ug/kg	JTEHD6 1,843,76
2P26S05	ipr-mus LD50:3120 ug/kg	CTRRDC 61,103,77
	scu-mus LD10:20 mg/kg	EJCAAH 10,667,74
	ivn-mus LD50:9500 ug/kg	CNREA8 39,3575,79
	unk-mus LD10:530 ug/kg	CNCRA6 50,219,66

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: 32XPAD -,49,75; ARVPAX 5,447,65; CRTXB2 2,159,73

STATUS:
★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS INDEFINITE:RAT (CANCAR 40(Suppl 4),1935,77)
★ NCI CARCINOGENESIS STUDY COMPLETED;RESULTS NEGATIVE:MOUSE (CANCAR 40(Suppl 4),1935,77)
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VINCALEUKOBLASTINE, (4'-alpha)- (9CI) see: OH6350000

YY8080000 VINCALEUKOBLASTINE, 3-(AMINOCARBONYL)-O(sup 4)-DEACETYL-3-DE(METHOXYCARBONYL)-
UPDT:8403 CAS: 53643-48-4 MW: 754.03 MOLFM: C43-H55-N5-O7
SYN: 3-(AMINOCARBONYL)-O(sup 4)-DEACETYL-3-DE(METHOXYCARBONYL)VINCALEUKOBLASTINE * DESACETYLVINBLASTINE AMIDE * VINDESINE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:8800 ug/kg	BCPCA6 26,1213,77

YY8100000 VINCALEUKOBLASTINE, 23-AMINO-O(sup 4)-DEACETYL-23-DEMETHOXY-, SULFATE
UPDT:8403 MW: 852.11 MOLFM: C43-H55-N5-O7 H2-O4-S
SYN: 23-AMINO-O(sup 4)-DEACETYL-23-DEMETHOXYVINCALEUKOBLASTINE SULFATE * DESACETYL VINBLASTINE AMIDE SULFATE * ELDISINE * LY 099094 * VINDESINE

MUTATION DATA AND REFERENCES:

	oms-ham:ovr 2300 pmol/L	CNREA8 38,2886,78

TOXICITY DATA AND REFERENCES:

	ivn-rat LD50:2 mg/kg	JTEHD6 1,843,76
	ivn-mus LD50:6300 ug/kg	JTEHD6 1,843,76

YY8150000 VINCALEUKOBLASTINE, DEACETYL-
UPDT:8403 CAS: 3352-69-0 MW: 768.03 MOLFM: C44-H55-N4-O8
SYN: DEACETYLVINBLASTINE * 4-DEACETYLVINBLASTINE * DESACETYLVINBLASTINE * VINCALEUKOBLASTINE, O(sup 4)-DEACETYL-

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:5900 ug/kg	BCPCA6 26,1213,77
	ivn-mus LD50:5800 ug/kg	JMCMAR 21,88,78

VINCALEUKOBLASTINE, O(sup 4)-DEACETYL- see: YY8150000

YY8160000 VINCALEUKOBLASTINE, O(sup 4)-DEACETYL-3-DE(METHOXYCARBONYL)-3-(((2-HYDROXYETHYL)AMINO) CARBONYL)-
UPDT:8403 CAS: 55324-79-3 MW: 798.09 MOLFM: C45-H59-N5-O8
SYN: DEACETYLVINBLASTINE HYDROXYETHYLAMIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:10200 ug/kg	BCPCA6 26,1213,77

YY8180300 VINCALEUKOBLASTINE, O(sup 4)-DEACETYL-, 4-ESTER with N,N-DIMETHYLGLYCINE
UPDT:8403 CAS: 865-24-7 MW: 854.16 MOLFM: C48-H63-N5-O9
SYN: O(sup 4)-DEACETYLVINCALEUKOBLASTINE 4-ESTER with N,N-DIMETHYLGLYCINE * VINGLYCINATE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:42 mg/kg	BCPCA6 26,1213,77

YY8180500 VINCALEUKOBLASTINE, 1-DEMETHYL-
UPDT:8403 CAS: 18172-50-4 MW: 797.05 MOLFM: C45-H56-N4-O9
SYN: N-DEMETHYLVINBLASTINE * 1 DEMETHYLVINCALEUKOBLASTINE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:85 mg/kg	BCPCA6 26,1213,77

VINCALEUKOBLASTINE, 4'-DEOXY-3',4'-EPOXY-, (3'-alpha,4'-alpha)- (9CI) see: OH6370000

YY8193000 VINCALEUKOBLASTINE, 6,7-DIHYDRO-
UPDT:8403 CAS: 13309-27-8 MW: 813.10 MOLFM: C46-H60-N4-O9
SYN: DIHYDROVINBLASTINE * DIHYDROVINCALEUKOBLASTINE * 6,7-DIHYDROVINCALEUKOBLASTINE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:142 mg/kg	BCPCA6 26,1213,77

YY8200000 VINCALEUKOBLASTINE, 3,3-DITHIOBIS(ETHYLENEIMINOCARBONYL)BIS(O(sup 4)-DEACETYL-3-DE(METHOXY CARBONYL)-, SULFATE
UPDT:8304 MW: 620.75 MOLFM: C90-H116-N10-O14-S2 (H2-O4-S)x
SYN: BIS(N-ETHYLIDENEVINDESINE)DISULFIDE, SULFATE SALT

TOXICITY DATA AND REFERENCES:

	ivn-mus LD50:7 mg/kg	JMCMAR 22,391,79

VINCALEUKOBLASTINE, 22-OXO- see: OH6300000
VINCALEUKOBLASTINE, 22-OXO-, SULFATE (1:1) (SALT) see: OH6340000
VINCALEUKOBLASTINE, SULFATE see: YY8400000

YY8400000 VINCALEUKOBLASTINE, SULFATE (1:1) (SALT)
UPDT:8406 CAS: 143-67-9 MW: 909.16 MOLFM: C46-H58-N4-O9 H2-O4-S
SYN: 29060 LE * NSC 49842 * VELBAN * VELBE * VINBLASTINE SULFATE * VINCALEUKOBLASTINE, SULFATE

MUTATION DATA AND REFERENCES:

	pic-esc 500 mg/L	APMBAY 12,234,64
	oms-nml:tes 100 umol/L	JNCSAI 28,15,77
	oms-nml:spr 100 umol/L	JNCSAI 28,15,77
	cyt-hmn-unk 4 mg/kg/26W	STRAAA 148,614,74
	cyt-hmn:hla 10 ug/L	PSEBAA 157,206,78
	spm-rat-ipr 555 ug/kg	ABILAE 85,353,74
	dni-mus:lym 1 mg/L	ARZNAD 25,378,75
	spm-mus-ipr 5 mg/kg/5D	PNASA6 72,4425,75

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T35T42T45	ims-rat TDLo:125 ug/kg (8D preg)	NEURAI 14,806,64
1T41	ims-rat TDLo:125 ug/kg (8D preg)	NEURAI 14,806,64
3T42T45T46	ipr-mus TDLo:350 ug/kg (9D preg)	TXAPA9 27,408,74
1T34	ipr-mus TDLo:250 ug/kg (9D preg)	TXAPA9 27,408,74
1T25	ipr-mus TDLo:50 ug/kg (9D preg)	TXAPA9 27,408,74
1T33	ipr-mus TDLo:350 ug/kg (9D preg)	CNJGA8 15,491,73
2T43T46	scu-mus TDLo:10 mg/kg (11-14D preg)	PJACAW 41,321,65
1T29	ivn-rbt TDLo:500 ug/kg (1D pre)	FESTAS 38,238,82
1T39	ipr-ham TDLo:1 mg/kg (1D preg)	JRPFA4 33,255,73

TOXICITY DATA AND REFERENCES:

2P14R21	ivn-hmn TDLo:557 ug/kg	CNCRA6 29,111,63
*	ipr-rat LD50:2200 ug/kg	NIIRDN 6,650,82
*	ipr-mus LD50:5600 ug/kg	NIIRDN 6,650,82
*	ivn-mus LD50:15 mg/kg	NIIRDN 6,650,82
	ipr-ham LD50:4300 ug/kg	CALEDQ 2,267,77

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 26,349,81
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE	IARC** 26,349,81

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YY8430000 VINCALEUKOBLASTIN-23-OIC ACID, O(sup 4)-DEACETYL-, HYDRAZIDE
UPDT:8405 CAS: 55383-37-4 MW: 769.05 MOLFM: C43-H56-N6-O7
SYN: DEACETYLVINBLASTINE HYDRAZIDE * O(sup 4)-DEACETYL-VINCALEUKOBLASTIN-23-OIC ACID HYDRAZIDE * DESACETYLVINBLASTINE HYDRAZIDE

TOXICITY DATA AND REFERENCES:

*	ipr-mus LD50:22800 ug/kg	BCPCA6 26,1213,77

YY8470000 VINCA MAJOR L., TOTAL ALKALOIDS, HYDROCHLORIDE
DEF:Contains at least the three alkaloids RESERPININE, VINCAMAJORIDINE, VINCAMAJOREINE(APFRAD 13,328,55)
UPDT:8402

TOXICITY DATA AND REFERENCES:

3F12J26J30	ivn-mus LD50:37 mg/kg	APFRAD 13,328,55

VINCAMIDIN see: WK7150000 STRICTAMINE
VINCAMIDINE see: WK7150000 STRICTAMINE
VINCAMIDOL see: YY8575000
VINCAMIN COMPOSITUM see: UE9480000

YY8575000 VINCAMINE
UPDT:8403 CAS: 1617-90-9 MW: 354.49 MOLFM: C21-H26-N2-O3
SYN: ANASCLEROL * ANGIOPAC * ARTERIOVINCA * DECINCAN * DEVINCAN * 14,15-DIHYDRO-14-HYDROXYEBURNAMENINE-14-CARBOXYLIC ACID METHYL ESTER * EQUIPUR * NOVICET * OCU-VINC * OXYGERON * PERVAL * PERVINCAMINE * PERVONE * TRIPERVAN * VINCADAR * VINCAFOLINA * VINCAFOR * VINCAGIL * (+)-VINCAMINE * VINCAMIDOL * VINCAPAN * VINCAPPONT * VINCASAUNIER * VINCIMAX * VINODREL RETARD

TOXICITY DATA AND REFERENCES:

*	ipr-rat LD50:253 mg/kg	ARZNAD 32,601,82
*	orl-mus LD50:1000 mg/kg	85ESA3 9,1282,76
1H05	ipr-mus LD50:215 mg/kg	EJMCA5 16,191,81
*	ivn-mus LD50:47740 ug/kg	AGSOA6 19,211,78

(+)-VINCAMINE see: YY8575000

VINCAMINE 5-BROMONICOTINATE see: JW4791920
VINCAMINE CODECARBOXYLATE see: JW4791900
VINCAMINE 5-PYRIDOXAL PHOSPHATE see: JW4791900

YY8575540 VINCA MINOR L., TOTAL ALKALOIDS

DEF:Total alkaloid extract of the leaves of VINCA MINOR L. (APFRAD 12,799,54)
UPDT:8402

TOXICITY DATA AND REFERENCES:

3F11F12J30	orl-mus LD50:500 mg/kg	APFRAD 12,799,54
3F11F12J30	ipr-mus LD50:76 mg/kg	APFRAD 12,799,54
3F11F12J30	ivn-mus LD50:24 mg/kg	APFRAD 12,799,54
3F11F12J30	ivn-gpg LDLo:16 mg/kg	APFRAD 12,799,54

VINCAPAN see: YY8575000
VINCAPRONT see: YY8575000
VINCASAUNIER see: YY8575000
VINCEIN see: AX7875000
VINCEINE see: AX7875000
VINCES see: WP0400000
VINCIMAX see: YY8575000
VINCLOZOLIN (German) see: RP8530000
VINCLOZOLIN EPOXIDE see: RP8500000
VINCOBLASTINE see: YY8050000
VINCRISTINE see: OH6300000
VINCRISTINE SULFATE see: OH6340000
VINCRYSTINE see: OH6300000
VINDESINE see: YY8080000
VINDESINE see: YY8100000
VINEGAR ACID see: AF1225000
VINEGAR NAPHTHA see: AH5425000
VINESTHENE see: YZ6700000
VINESTHESIN see: YZ6700000
VINETHEN see: YZ6700000
VINETHENE see: YZ6700000
VINETHER see: YZ6700000
VINGLYCINATE see: YY8180300
VINICIZER 80 see: TI0350000
VINICIZER 85 see: TI1925000
VI-NICOTYL see: QS3675000
VINIDEN 60 see: KV9750000
VINIDYL see: YZ6700000
VINIKA KR 600 see: KV0350000
VINIKA KR 800 see: KV0350000
VINIKA 37M see: KV0350000
VINIKA 35R see: KV0350000
VINIKULON see: KV0350000
VINILE (ACETATO DI) (Italian) see: AK0875000
VINILE (BROMURO DI) (Italian) see: KU8400000
VINILE (CLORURO DI) (Italian) see: KU9625000
VINIPAINT 555 see: AK0920000
VINIPLAST see: KV0350000
VINIPLEN P 73 see: KV0350000
VINIPLEN P 74 see: KV0350000
VINIPLEN P 73E see: KV0350000
VINIPLEN P 73EM see: KV0350000
VINKEIL 100 see: AH4025000
VINKRISTIN see: OH6300000
VINISIL see: TR8370000
VINLEUROSINE see: OH6370000
VINNAPAS B see: AK0920000
VINNAPAS B 17 see: AK0920000
VINNAPAS B 100 see: AK0920000
VINNAPAS UW 50 see: AK0920000
VINNAROL see: TR8100000
VINNOL E 75 see: KV0350000
VINNOL H 60D see: KV0350000
VINNOL H 70D see: KV0350000
VINNOL H 75F see: KV0350000
VINNOL H 10/60 see: AK0950000
VINNOL H 15/45 see: AK0950000
VINNOL H 40/60 see: AK0950000
VINNOL H 100/65 see: KV0350000
VINNOL H 100/70 see: KV0350000
VINNOL H 100/70D see: KV0350000
VINNOL P 70 see: KV0350000
VINNOL P 70E see: KV0350000
VINNOL P 100/70E see: KV0350000
VINNOL Y see: KV0350000
VI-NOCTYL see: QS3675000
VINODREL RETARD see: YY8575000
VINOFLEX see: KV0350000
VINOFLEX P 313 see: KV0350000
VINOFLEX MO 400* see: KO1300000
VINOL see: TR8100000
VINOL 125 see: TR8100000
VINOL 205 see: TR8100000
VINOL 351 see: TR8100000
VINOL 523 see: TR8100000
VINOL UNISIZE see: TR8100000
VINOTHIAM see: XI7350000
VINOTHIAM see: XI6550000
VINPOCETINE see: JW4792000
VINROSIDINE see: OH6350000
VINROSIDINE DIACETATE see: OH6350000
VINSTOP see: FD3500000
VINTHIONINE see: MT0300000
L-VINTHIONINE see: MT0310000
L-VINTHIONINE SULFOXIDE see: MT0330000
VINYDAN see: YZ6700000
VINYLACETAAT (Dutch) see: AK0875000
VINYLACETAT (German) see: AK0875000
VINYL ACETATE see: AK0875000
VINYL ACETATE (DOT) see: AK0875000
VINYL ACETATE H.Q. see: AK0875000
VINYL ACETATE HOMOPOLYMER see: AK0920000
VINYL ACETATE POLYMER see: AK0920000
VINYL ACETATE RESIN see: AK0920000
VINYL ACETATE-VINYL CHLORIDE COPOLYMER see: AK0950000
VINYL ACETATE-VINYL CHLORIDE POLYMER see: AK0950000
VINYLACETONITRILE see: EM8050000
VINYL ALCOHOL, 2,2-DICHLORO-, DIMETHYL PHOSPHATE see: TC0350000

YZ0570000 VINYL ALCOHOL, NITRATE (ester) POLYMERS

UPDT:8308 MOLFM: (C2-H4-N-O3)x
SYN: VINYL NITRATE POLYMER (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FORBIDDEN	CFRGBR 49,172.101,82

VINYL ALCOHOL POLYMER see: TR8100000

YZ0700000 VINYLAMINE, N-ETHYL-N-NITROSO-

UPDT:8406 CAS: 13256-13-8 MW: 100.14 MOLFM: C4-H8-N2-O
SYN: AETHYL-VINYL-NITROSOAMIN (German) * ETHENAMINE, N-ETHYL-N-NITROSO- (9CI) * ETHENYLAMINE, N-ETHYL-N-NITROSO- * N-ETHYL-N-NITROSOVINYLAMINE * ETHYLVINYLNITROSAMINE * N-NITROSOETHYLVINYLAMINE * N-NITROSO-N-ETHYLVINYLAMINE * VINYLETHYLNITROSAMIN (German) * VINYLETHYLNITROSAMINE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T49	scu-ham TDLo:5 mg/kg (15D preg)	EXPTAX 22,67,82

TUMORIGENIC DATA AND REFERENCES:

2V03K60	orl-rat TDLo:230 mg/kg/25W-C	ARZNAD 19,1077,69
3V03J60K60	ivn-rat TDLo:250 mg/kg/25W-I	ZEKBAI 69,103,67
3V03K60L60	orl-gpg TDLo:335 mg/kg/37W-C	ZEKBAI 69,103,67
3V01J60K60	scu-ham TDLo:31 mg/kg/50W-I	JCROD7 102,227,82
3V01J60K60	scu-ham TD :55 mg/kg/44W-I	JCROD7 102,227,82
3V01J60K60	scu-ham TD :82 mg/kg/33W-I	JCROD7 102,227,82
3V01J60K60	scu-ham TD :135 mg/kg/27W-I	JCROD7 102,227,82
3V01J60K60	scu-ham TD :120 mg/kg/12W-I	JNCIAM 58,439,77

TOXICITY DATA AND REFERENCES:

orl-rat LD50:88 mg/kg	NATWAY 50,100,63
ivn-rat LD50:88 mg/kg	ZEKBAI 69,103,67
scu-ham LD50:109 mg/kg	JNCIAM 58,439,77

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YZ0875000 VINYLAMINE, N-METHYL-N-NITROSO-

UPDT:8406 CAS: 4549-40-0 MW: 86.11 MOLFM: C3-H6-N2-O
SYN: ETHENYLAMINE, N-METHYL-N-NITROSO- * N-METHYL-N-NITROSO-ETHENYLAMINE * N-METHYL-N-NITROSOVINYLAMINE * METHYLVINYLNITROSAMIN (German) * METHYLVINYLNITROSAMINE * MVNA * N-NITROSOMETHYLVINYLAMINE * NMVA * RCRA WASTE NUMBER P084

TUMORIGENIC DATA AND REFERENCES:

2V03K60	orl-rat TDLo:110 mg/kg/52W-C	ARZNAD 19,1077,69
2V03D09	ihl-rat TDLo:2700 ug/kg/30M/33W-I	ZEKBAI 69,103,67
2V03K60	ihl-rat TD :50 mg/kg/50D	ARZNAD 19,1077,69
2V03D09	ihl-rat TD :44 mg/kg	ZEKBAI 66,1,64

TOXICITY DATA AND REFERENCES:

orl-rat LD50:24 mg/kg	ZEKBAI 69,103,67
ihl-rat LD50:22 mg/kg	ZEKBAI 69,103,67

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 17,257,78
★ CARCINOGENIC REVIEW:ANIMAL POSITIVE	IARC** 17,257,78

STATUS:
★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VINYL A MONOMER see: AK0875000

YZ1225000 VINYLARSONIC ACID, beta-CHLORO-

UPDT:7902 CAS: 64038-44-4 MW: 186.43 MOLFM: C2-H4-As-Cl-O3
SYN: beta-CHLOROVINYLARSONIC ACID * ARSONIC ACID, (2-CHLOROETHYL)-

TOXICITY DATA AND REFERENCES:

orl-rat LDLo:50 mg/kg	JPETAB 93,287,48

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug(As)/m3	FEREAC 39,23540,74

1-VINYL AZIRIDINE see: CM8938000
7-VINYLBENZ(a)ANTHRACENE see: CX4960000
VINYLBENZEN (Czech) see: WL3675000
VINYLBENZENE see: WL3675000
1-VINYLBENZENE 1,2-OXIDE see: RN7178000
1-VINYLBENZENE 3,4-OXIDE see: RN7179000
VINYLBENZENE POLYMER see: WL6475000
VINYL BENZOATE see: DI1050000
VINYLBENZOL see: WL3675000
VINYLBROMID (German) see: KU8400000
VINYL BROMIDE see: KU8400000
VINYL BROMIDE, inhibited (DOT) see: KU8400000
VINYL 2-BUTENOATE see: GQ5850000
VINYL 2-(BUTOXYETHYL) ETHER see: KH7175000
VINYL BUTYL ETHER see: KN5950000
VINYL n-BUTYL ETHER see: KN5950000
VINYL 2-(BUTYLMERCAPTOETHYL) ETHER see: KN5775000
VINYL BUTYRATE see: ET7000000
VINYL BUTYRATE, inhibited (DOT) see: ET7000000
VINYLBUTYROLACTAM see: UY6107000
N-VINYLBUTYROLACTAM POLYMER see: TR8370000
VINYL CARBAMATE see: FD1995000
VINYLCARBINOL see: BA5075000
VINYL CARBINYL BUTYRATE see: ES5775000
VINYL CARBINYL CINNAMATE see: GD8050000
VINYLCHLON 4000LL see: KV0350000
VINYLCHLORID (German) see: KU9625000
VINYL CHLORIDE see: KU9625000
VINYL CHLORIDE ACETATE COPOLYMER see: TR8090000
VINYL CHLORIDE COPOLYMER with VINYLIDENE CHLORIDE see: KV9750000
VINYL CHLORIDE (DOT) see: KU9625000
VINYL CHLORIDE HOMOPOLYMER see: KV0350000
VINYL CHLORIDE MONOMER see: KU9625000
VINYL CHLORIDE POLYMER see: KV0350000
VINYL CHLORIDE VINYL ACETATE COPOLYMER see: TR8090000
VINYL CHLORIDE-VINYL ACETATE POLYMER see: AK0950000
VINYL CHLORIDE-VINYLIDENE CHLORIDE COPOLYMER see: KV9750000
VINYL CHLORIDE-VINYLIDENE CHLORIDE POLYMER see: KV9750000
VINYL CHLORIDE-1,1-DICHLOROETHYLENE COPOLYMER see: KV9750000
VINYL CHLOROACETATE see: AG2850000
VINYL CHLOROACETATE (DOT) see: AG2850000
VINYL beta-CHLOROETHYL ETHER see: KN6300000
VINYL 2-CHLOROETHYL ETHER see: KN6300000
VINYL C MONOMER see: KU9625000
VINYL CROTONATE see: GQ5850000
VINYL CYANIDE see: AT5250000
4-VINYLCYCLOHEXENE see: GW6650000
4-VINYLCYCLOHEXENE-1 see: GW6650000
4-VINYL-1-CYCLOHEXENE see: GW6650000
1-VINYLCYCLOHEX-3-ENE see: GW6650000
1-VINYLCYCLOHEXENE-3 see: GW6650000
VINYL CYCLOHEXENE DIEPOXIDE see: RN8640000

4-VINYLCYCLOHEXENE DIEPOXIDE see: RN8640000
4-VINYL-1-CYCLOHEXENE DIEPOXIDE see: RN8640000
4-VINYL-1,2-CYCLOHEXENE DIEPOXIDE see: RN8640000
VINYL CYCLOHEXENE DIOXIDE see: RN8640000
1-VINYL-3-CYCLOHEXENE DIOXIDE see: RN8640000
4-VINLYCYCLOHEXENE DIOXIDE see: RN8640000
4-VINYL-1-CYCLOHEXENE DIOXIDE see: RN8640000
(VINYL-1 CYCLOHEXYLE)-N PIPERIDINE (French) see: TN4360000
(VINYL-1 CYCLOHEXYLE)-N PYRROLIDINE (French) see: UY2634000
1-(1-VINYLCYCLOHEXYL)PIPERIDINE see: TN4360000
1-(1-VINYLCYCLOHEXYL)PYRROLIDINE see: UY2634000
5-VINYL-DEOXYURIDINE see: YU7970000
VINYL DIHYDROGEN PHOSPHATE see: TC6593000
VINYL-2-(N,N-DIMETHYLAMINO)ETHYL ETHER see: KN8830500
VINYLE (ACETATE DE) (French) see: AK0875000
VINYLE (BROMURE DE) (French) see: KU8400000
VINYLE(CHLORURE DE) (French) see: KU9625000
VINYLENEBIS(CARBONYLIMINO)DIETHYLENEBIS(TRIMETHYLAMMONIUM IODIDE) see: BT5210000
1,1'-(VINYLENEBIS(1,3-DIOXOLANE-2,4-DIYLMETHYLENE))BIS(1-METHYLPIPERIDINIUM) DIIODIDE see: TN6235000
(VINYLENEBIS(1,3-DIOXOLANE-2,4-DIYLMETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE) see: BT5220000
(VINYLENEBIS(p-PHENYLENEOXYETHYLENE))BIS(TRIMETHYLAMMONIUM IODIDE) see: BT5230000
VINYLENE CARBONATE see: FG3325000
4,4'-VINYLENEDIANILINE see: WJ5100000

YZ6700000 VINYL ETHER

UPDT:8312 CAS: 109-93-3 MW: 70.10 MOLFM: C4-H6-O
SYN: DIVINYL ETHER * DIVINYL ETHER (DOT) * DIVINYL ETHER, inhibited (DOT) * DIVYNYL OXIDE * ETHENE, 1,1'-OXYBIS- * ETHENYLOXYETHENE * ETHER, DIVINYL * 1,1'-OXYBISETHENE * UN 1167 (DOT) * VINESTHENE * VINESTHESIN * VINETHEN * VINETHENE * VINETHER * VINIDYL * VINYDAN

MUTATION DATA AND REFERENCES:
mmo-sat 1 pph BJANAD 51,417,79
mma-sat 1 pph BJANAD 51,417,79
sce-ham:ovr 19900 ppm ANESAV 50,426,79

TOXICITY DATA AND REFERENCES:
* ihl-mus LCLo:51233 ppm 85ESA3 9,1283,76

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

VINYL ETHER combined with MALEIC ANHYDRIDE see: ON4250000
2-VINYLETHOXYTETRAETHYLENE GLYCOL see: XC2150000
VINYLETHYLENE see: EI9275000
N-VINYLETHYLENEIMINE see: CM8938000
VINYL ETHYL ETHER see: KO0710000
VINYL ETHYL ETHER, inhibited (DOT) see: KO0710000
VINYL-2-ETHYLHEXOATE see: MO7875000
VINYL 2-ETHYLHEXYL ETHER see: KO0175000
VINYLETHYLNITROSAMIN (German) see: YZ0700000
VINYLETHYLNITROSAMINE see: YZ0700000

YZ7351000 VINYL FLUORIDE

UPDT:8405 CAS: 75-02-5 MW: 46.05 MOLFM: C2-H3-F
SYN: ETHYLENE, FLUORO- (8CI) * FLUOROETHENE * FLUOROETHYLENE * MONOFLUOROETHYLENE * UN 1860 (DOT) * VINYL FLUORIDE, INHIBITED (DOT)

MUTATION DATA AND REFERENCES:
otr-rat-ihl 2000 ppm/14W-I ARTODN 47,71,81

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE GAS; LABEL:FLAMMABLE GAS CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO VINYL FLUORIDE recm std-TWA 1 ppm; CL 5 ppm/15M

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, PROPOSED RULE

VINYL FLUORIDE, INHIBITED (DOT) see: YZ7351000
VINYLFORMIC ACID see: AS4375000
p-VINYLGUAIACOL see: SL8205000
4-VINYLGUAIACOL see: SL8205000
S-VINYLHOMOCYSTEINE see: MT0300000
S-VINYL-DL-HOMOCYSTEINE see: MT0300000
S-VINYL-L-HOMOCYSTEINE see: MT0310000
(E)-N,N'-VINYLENEBIS-1-AZIRIDINECARBOXAMIDE see: CM6791000
VINYLIDENE CHLORIDE see: YZ8061000
VINYLIDENE CHLORIDE see: KV9275000
VINYLIDENE CHLORIDE (II) see: KV9275000

YZ8061000 VINYLIDENE CHLORIDE (inhibited)

UPDT:8412 CAS: 75-35-4 MW: 96.94 MOLFM: C2-H2-Cl2
SYN: 1,1-DICHLOROETHENE * 1,1-DICHLOROETHYLENE * ETHYLENE, 1,1-DICHLORO- (8CI) * RCRA WASTE NUMBER U078 * UN 1303 (DOT) * VDC * VINYLIDENE CHLORIDE * VINYLIDENE CHLORIDE, INHIBITED (DOT)

MUTATION DATA AND REFERENCES:
mma-sat 2 pph/4H ARTODN 41,249,79
mma-smc 20 mmol/L MUREAV 89,179,81
mrc-smc 20 mmol/L MUREAV 89,179,81
hma-mus/smc 400 mg/kg MUREAV 89,179,81

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T76T81 orl-rat TDLo:1 gm/kg (14W male/14W pre-3W post) FAATDF 3,75,83
2T34T85 ihl-rat TCLo:56 ppm/22H (8-20D preg) NTIS** PB281-713
2T25T26 ihl-rat TCLo:57 ppm/22H (6-16D preg) NTIS** PB281-713
2T41T46 ihl-rat TCLo:15 ppm/22H (6-16D preg) NTIS** PB281-713
1T86 ihl-rat TCLo:283 ppm/22H (8-20D preg) NTIS** PB281-713
1T25 ihl-mus TCLo:30 ppm/22H (6-16D preg) NTIS** PB281-713
1T46 ihl-mus TCLo:15 ppm/22H (6-16D preg) NTIS** PB281-713
2T21T23 ihl-mus TCLo:50 ppm/6H (5D male) EVHPAZ 21,71,77
1T43 ihl-mus TCLo:54 ppm/22H (12-15D preg) NTIS** PB281-713

STANDARDS & REGULATIONS:
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

VINYLIDENE CHLORIDE, INHIBITED (DOT) see: YZ8061000
VINYLIDENE CHLORIDE-VINYL CHLORIDE POLYMER see: KV9750000
VINYLIDENE DICHLORIDE see: KV9275000
VINYLIDENE FLUORIDE see: KW0560000
VINYLIDINE CHLORIDE see: KV9275000
VINYL ISOBUTYL ETHER see: KO1300000
VINYL ISOBUTYL ETHER (DOT) see: KO1300000
VINYLITE AYAF see: AK0920000
VINYLITE AYAT see: AK0920000
VINYLITE QYJV see: KV0350000
VINYLITE VGHH see: AK0950000
VINYLITE VYDR see: AK0950000
VINYLITE VYDR 21 see: AK0950000
VINYLITE VYFS see: AK0950000
VINYLITE VYHD see: AK0950000
VINYLITE VYHH see: AK0950000
VINYLITE VYHH-1 see: AK0950000
VINYLITE VYNS see: AK0950000
VINYLITE VYNW see: AK0950000
VINYL 2-METHOXYETHYL ETHER see: KI4900000
VINYL METHYL ETHER see: KO2300000
VINYL METHYL ETHER (DOT) see: KO2300000
VINYL METHYL KETONE see: EM9800000
VINYL NITRATE POLYMER (DOT) see: YZ0570000
VINYLNORBORNENE see: RC0350000
2-VINYLNORBORNENE see: RC0350000
5-VINYLNORBORNENE see: RC0350000
5-VINYL-2-NORBORNENE see: RC0350000
17-VINYL-19-NORTESTOSTERONE see: RC8899550
17-alpha-VINYL-19-NORTESTOSTERONE see: RC8899550
VINYLOFOS see: TC0350000
VINYLON FILM 2000 see: TR8100000
VINYLOPHOS see: TC0350000
1-VINYL-7-OXABICYCLO(4.1.0)HEPTA-2,4-DIENE see: RN7178000
3-VINYL-7-OXABICYCLO(4.1.0)HEPTA-2,4-DIENE see: RN7179000
R-5-VINYL-2-OXAZOLIDINETHIONE see: RQ2280000
VINYLPHATE see: TB8750000
p-VINYLPHENOL see: SN3800000
4-VINYLPHENOL see: SN3800000
VINYL PHOSPHATE see: TC6593000
VINYL PRODUCTS R 3612 see: WL6475000
VINYL PRODUCTS R 10688 see: AK0920000
N-VINYLPYRROLIDINONE see: UY6107000
1-VINYL-2-PYRROLIDINONE see: UY6107000
N-VINYL-2-PYRROLIDINONE see: UY6107000
VINYLPYRROLIDINONE POLYMER see: TR8370000
N-VINYLPYRROLIDINONE POLYMER see: TR8370000
VINYLPYRROLIDINONE-SALSOLIDINEMETHACRYLATE see: UY5769000
VINYLPYRROLIDONE see: UY6107000
N-VINYLPYRROLIDONE see: UY6107000
1-VINYL-2-PYRROLIDONE see: UY6107000
N-VINYL-2-PYRROLIDONE see: UY6107000
VINYLPYRROLIDONE POLYMER see: TR8370000
N-VINYLPYRROLIDONE POLYMER see: TR8370000
VINYLSILICON TRICHLORIDE see: VV6125000
VINYL TOLUENE see: WL5075200
VINYLTOLUENE see: WL5075000
m-VINYLTOLUENE see: WL5075800
o-VINYLTOLUENE see: WL5075900
p-VINYLTOLUENE see: WL5076000
2-VINYLTOLUENE see: WL5075900
3-VINYLTOLUENE see: WL5075800
4-VINYLTOLUENE see: WL5076000
VINYL TOLUENES (mixed isomers), inhibited (DOT) see: WL5075200
VINYL TRICHLORIDE see: KJ3150000
VINYLTRICHLOROSILANE see: VV6125000
VINYL TRICHLOROSILANE (DOT) see: VV6125000
VINYLTRIETHOXYSILANE see: VV6700000
VINYL TRIMETHOXY SILANE see: VV6770000
VINYLTRIMETHYLAMMONIUM BROMIDE see: BT3675000
VINYLTRIMETHYLAMMONIUM HYDROXIDE see: BT3850000
VINYL 2,6,8-TRIMETHYLNONYL ETHER see: KO4550000
1-VINYL-3-(TRIMETHYLSILYL)-2-PYRROLIDINONE see: UY6102000
1-VINYL-3-(TRIMETHYLSILYL)PYRROLIDONE-2 see: UY6102000
VINYON see: AK0950000
VINYON N see: AT6976000
VINYZENE see: SP6800000
VINYZENE (PESTICIDE) see: SP6800000
VINYZENE BP 5 see: SP6800000
VINYZENE BP 5-2 see: SP6800000
VINYZENE SB 1 see: SP6800000
VIOACTANE see: ZA3900000
VIO-BAMATE see: TZ0175000
VIOCID see: BO9000000
VIOCIN see: ZA3900000
VIOCIN SULFATE see: ZA3960000
VIOFORM see: VC5075000
VIOFORM N.N.R. see: VC5075000
VIOFURAGYN see: RQ3675000
VIOLACEIN see: NM2203500
VIOLANTHRONE see: JE2310000
VIOLAQUERCITRIN see: VM2975000
VIOLET 2 see: BQ1140000
VIOLET 3 see: ZE2100000
11386 VIOLET see: BQ1140000
12416 VIOLET see: BO9000000
VIOLET 5B see: BQ1140000
VIOLET 6B see: BQ1140000
VIOLET 5BN see: BQ1140000
VIOLET 6BN see: BO9000000
VIOLET 5BO see: BO9000000
VIOLET CP see: BO9000000
VIOLET LAKE see: GE4518000
VIOLET LEAF ALCOHOL see: RA5394000
VIOLET LEAF ALDEHYDE see: RA5391800
VIOLET NO. 1 see: BQ1140000
VIOLET POWDER H 2503 see: GC8425000
VIOLET TONER PTMA 55-2925 see: GE4518000
VIOLET XXIII see: BO9000000
VIOLOGEN, METHYL- see: DW2275000
VIOLURIC ACID see: BA4225000

ZA3900000 VIOMYCIN

UPDT:8408 CAS: 32988-50-4 MW: 685.81 MOLFM: C25-H43-N13-O10
SYN: CELIOMYCIN * FLORIMYCIN * FLOROMYCIN * TUBERACTINOMYCIN B * VINACETIN A * VIOACTANE * VIOCIN

REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T26T34T35 scu-rat TDLo:7 gm/kg (6-10D preg) OSDIAF 14,107,65

TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:1075 mg/kg 85GMAT -,69,82
* scu-rat LD50:1750 mg/kg 85GMAT -,69,82
2F12J30 ivn-rat LD50:340 mg/kg OYYAA2 8,817,74
1F17 ims-rat LD50:1300 mg/kg OYYAA2 8,817,74
* orl-mus LD50:1637 mg/kg 85GMAT -,69,82
ipr-mus LD50:973 mg/kg ANTBAL 8,910,63
scu-mus LD50:1184 mg/kg ANTBAL 8,910,63
ivn-mus LD50:150 mg/kg ANTBAL 8,910,63
1F17 ims-mus LD50:840 mg/kg OYYAA2 8,817,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZA3930000 VIOMYCIN, 1-(threo-4-HYDROXY-L-3,6-DIAMINOHEXANOIC ACID)-6-(L-2-(2-AMINO-1,4,5,6-TETRAHYDRO- 4-PYRIMIDINYL)GLYCINE)-, (R)-
UPDT:8406 CAS: 33103-22-9 MW: 685.81 MOLFM: C25-H43-N13-O10
SYN: ENVIOMYCIN * TUBERACTIN * TUBERACTINOMYCIN N * TUM
TOXICITY DATA AND REFERENCES:
* ivn-rat LD50:640 mg/kg IYKEDH 6,530,75
* ivn-mus LD50:370 mg/kg IYKEDH 6,530,75
VIOMYCIN-SULFAT (German) see: ZA3960000

ZA3960000 VIOMYCIN, SULFATE (salt)
UPDT:8406 CAS: 37883-00-4 MW: 1372.37 MOLFM: C25-H43-N13-O10 xH2-O4-S
SYN: CELICOMYCIN-SULFATE * FLORIMYCIN SULFATE * VIOCIN SULFATE * VIOMYCIN-SULFAT (German)
TOXICITY DATA AND REFERENCES:
scu-mus LD50:1375 mg/kg ARZNAD 6,61,56
* ivn-mus LD50:112 mg/kg FRPSAX 12,899,57

ZA3980000 VIOMYCIN, SULFATE (salt), compd. with GLUCONIC ACID CALCIUM SALT
UPDT:8405 MOLFM: C25-H43-N13-O10 (H2-O4-S)x 2C6-H11-O7 3Ca
SYN: COMPLESSO VIOMICINA SOLFATO CALCIO GLUCONATO (Italian)
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:200 mg/kg FRPSAX 12,899,57
VIOPSICOL see: DE[illegible]275000
VIOPSICOL see: DE9450000
VIO-SERPINE see: ZG0350000
VIOSTEROL see: KE1050000
VIOZENE see: TG0525000
VI-PAR see: UE9750000
VIPERA AMMODYTES VENOM see: YX3975500
VIPERA AMMODYTES VENOM see: YX4470000
VIPERA RUSSELLI SIAMENSIS VENOM see: YX4495000
VIPERA XANTHINA PALAESTINAE VENOM see: YX4497000
VI-PEX see: UE9750000
VI-PEX see: UF0250000
VIPLAST RA/F see: KV0350000
VIPRYNIUM EMBONATE see: VC3543500
VIRA-A see: AU6210000
VIRAMID see: XZ4250000
VIRAZOLE see: XZ4250000
VIRCHEM see: JP2100000

ZA4826500 VIRCO PET 30
DEF:A BUTOXYETHYL ACID PHOSPHATE DIETHYLAMINE adduct (DOELB* Feb,79)
UPDT:8305
TOXICITY DATA AND REFERENCES:
orl-rat LD50:6830 mg/kg DOELB* Feb,79
VIRGIMYCIN see: ZA4870000
VIRGINIA-CAROLINA 3-665 see: TA8100000
VIRGINIA CAROLINA 3-668 see: TG5250000
VIRGINIA-CAROLINA 3-670 see: TB2275000
VIRGINIA-CAROLINA 3-676 see: TA7500000
VIRGINIA-CAROLINA 3-759 see: TA7490000
VIRGINIA-CAROLINA 3-764 see: TA8050000
VIRGINIA CAROLINA 3-786 see: AI7250000
VIRGINIA CAROLINA 3-789 see: WM8550000
VIRGINIA-CAROLINA 3-790 see: TA7380000
VIRGINIA-CAROLINA VC 3-607 see: TE4480000
VIRGINIA-CAROLINA VC 9-104 see: TE4025000

ZA4870000 VIRGINIAMYCIN S1, 4-(4(DIMETHYLAMINO)-N-METHYL-L-PHENYLALANINE)-
UPDT:8403 CAS: 3131-03-1 MW: 867.07 MOLFM: C45-H54-N8-O10
SYN: ANTIBIOTIC 899 * ANTIBIOTIC PA 11481 * ANTIBIOTIC PA 114 B1 * ESKALIN V * MIKAMYCIN B * MIKAMYCIN IA * OSTREOGRYCIN B * PA 114B * PRISTINAMYCIN IA * STAFAC * SKF 7988 * STAPHYLOMYCIN * STAPHYLOMYCINE * STREPTOGRAMIN B * VERNAMYCIN BA * VIRGIMYCIN
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:200 mg/kg 85FZAT -,750,67
* ipr-mus LD50:350 ug/kg 85ERAY 1,367,78
* scu-mus LD50:200 mg/kg 85FZAT -,750,67
VIRICUIVRE see: GL7020000
VIRIDINE see: AB3040000
VIRIDITOXIN see: DU3120000

ZA5280000 VIROCIDIN
DEF:An antibiotic produced by the strain STREPTOMYCES FLAVORETICULI (85ERAY 2,1235,78)
UPDT:8309
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:12500 ug/kg 85ERAY 2,1235,78
VIROFRAL see: AU4375000
VIRORMONE see: XA3030000
VIROSIN see: CD0350000
VIROSTERONE see: XA3030000
VIRTEX CC see: JP2100000
VIRTEX D see: JP2100000
VIRTEX L see: JP2100000
VIRTEX RD see: JP2100000
VIRUBRA see: GG3750000
VIRU-MERZ see: AB4310000
VIRUSMIN see: QD9815000
VIRUSTAT see: QD9815000
VISADRON see: DO7175000
VISADRON see: DO7525000
VISAMMIMIX see: LV1050000
VISAMMIN see: LV1050000
VISCALEX HV 30 see: AT4680000
VISCARDAN see: LV1050000
VISCARDIN see: LV1050000
VISCARIN see: FI0700000
VISCARIN 402 see: FI0705000
VISCARIN 402 & TP-4 see: FI0700000
VISCOL see: FJ5959000
VISCOL 350P see: UD1842000
VISCOL 550P see: UD1842000
VISCOL 660 P see: UD1842000
VISCON 103 see: AT4680000
VISCONTRAN L52 see: FJ5959000
VISCOSOL see: FJ5959000

ZA6130000 VISCUM ALBUM Linn., extract excluding roots
DEF:Indian plant belonging to the family LORANTHACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 18,594,80
VISKEN see: UB6560000
VISKING CELLOPHANE see: FJ4100000
VISKO-RHAP see: AG6825000
VISKO-RHAP see: UF1050000
VISKO-RHAP LOW DRIFT HERBICIDES see: AG6825000
VISKO RHAP LOW VOLATILE ESTER see: AJ8400000
VISKO-RHAP LOW VOLATILE 4L see: AG6825000
VISMAGEN see: LV1050000
VISNAGALIN see: LV1050000
VISNAGEN see: LV1050000
VISNAGIDIN see: LV1420000
VISNAGIN see: LV1420000
VISNAGINE see: LV1420000
VISOTRAST see: DG0888000
VISTABAMATE see: TZ0175000
VISTAMYCIN see: WK2300000
VISTAR see: AE2460000
VISTAR HERBICIDE see: AE2[illegible]
VISTARIL HYDROCHLORIDE see: KK2350000
VISUBUTINA see: UQ8400000
VITACAMPHER see: RB6966000
VITACE see: CI7650000
VITACEE see: CI7650000
VITACIMIN see: CI7650000
VITACIN see: CI7650000
VITALLIUM see: GF9180000

ZA7072000 VITALLIUM
UPDT:8401 CAS: 12629-02-6
SYN: CHROMIUM-COBALT-MOLYBDENUM ALLOY * COBALT-CHROMIUM-MOLYBDENUM ALLOY * MOLYBDENUM-COBALT-CHROMIUM ALLOY * STELLITE
TUMORIGENIC DATA AND REFERENCES:
3V03Q60V10 imp-rat TDLo:2100 mg/kg CNREA8 16,439,56
REVIEW AND REFERENCES:
★ TLV-TWA 10 mg(Mo)/m3;STEL 20 mg(Mo)/m3 DTLVS* 4,289,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 15 mg(Mo)/m3 (SCP-M) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO COBALT recm std-air:none given NTIS**
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
VITALOID see: BT3850000
VITAMIN A see: VH6750000
VITAMIN A1 see: VH6750000
VITAMIN A ACETATE see: VH6825000
trans-VITAMIN A ACETATE see: VH6825000
VITAMIN A ACID see: VH6475000
13-cis-VITAMIN A ACID see: VH6440000
all-trans-VITAMIN A ALCOHOL see: VH6750000
VITAMIN A1 ALCOHOL see: VH6750000
VITAMIN A ALCOHOL see: VH6750000
VITAMIN A ALCOHOL ACETATE see: VH6825000
VITAMIN A ALDEHYDE see: VH6407000
VITAMIN A1 ALDEHYDE see: VH6407000
trans-VITAMIN A ALDEHYDE see: VH6407000
VITAMIN A EPOXIDE see: VH6830000
VITAMIN A 5,6-EPOXIDE see: VH6830000
VITAMIN A PALMITATE see: VH6860000
VITAMIN B1 see: XI6550000
VITAMIN B2 see: VJ1400000
VITAMIN B3 see: QS3675000
VITAMIN B3 see: RU4729000
VITAMIN B4 see: AU6125000
VITAMIN B-5 see: RU4375000
VITAMIN B5 see: RU4729000
VITAMIN B6 see: UV1300000
VITAMIN B12 see: GG3750000
VITAMIN B12B see: GG3750000
VITAMIN Bc see: LP5425000
VITAMIN B12 COMPLEX see: GG3750000
VITAMIN B(sub 1) HYDROCHLORIDE see: XI7350000
VITAMIN B HYDROCHLORIDE see: XI7350000
VITAMIN B1 HYDROCHLORIDE see: XI7350000
VITAMIN B6-HYDROCHLORIDE see: UV1350000
VITAMIN B(sub 12) PREPARATION see: GG3750000
VITAMIN B(sub 1) PROPYL DISULFIDE see: LQ0699000
VITAMIN BX see: DG1400000
VITAMIN C see: CI7671000
VITAMIN C see: CI7650000
VITAMIN C SODIUM see: CI7671000
VITAMIN D2 see: KE1050000
VITAMIN D3 see: VS2900000
VITAMIN D(sub 3) see: FZ4650000
VITAMIN E see: DJ2900000
VITAMIN E ACETATE see: GP8588000
VITAMIN G see: VJ1400000
VITAMIN H see: DG1400000

ZA9040000 VITAMIN K
UPDT:8408 CAS: 12001-79-5
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T41T43 ims-mus TDLo:13500 ug/kg (6-11D preg) CAJPBD 8,46,68
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: NYSJAM 64,493,64
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
VITAMIN K2(sub 20) see: QL9279500
VITAMIN K3 see: QL9100000
VITAMIN K5 see: QL3350000
VITAMIN L see: CB2450000

BEST COPY

VITAMIN M see: LP5425000
VITAMIN MK 4 see: QL9279500
VITAMIN P see: VM2975000
VITAMIN PP see: QS3675000
VITAMISIN see: CI7650000
VITANEURON see: XI6550000
VITANEURON see: XI7350000
VITAPLEX E see: DJ2900000
VITAPLEX N see: QT0525000
VITARUBIN see: GG3750000
VITA-RUBRA see: GG3750000
VITASCORBOL see: CI7650000
VITAVAX see: RP4550000
VITAVEL-A see: VH6750000
VITAVEL-D see: KE1050000
VITAVEX see: RP4900000
VITAYONON see: DJ2900000
VITEOLIN see: DJ2900000
VITESTROL see: SL0560850

ZB0924000 VITEX NEGUNDU Linn., seed extract
UPDT:8305
SYN: SAMBHALU SEED EXTRACT
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-rbt TDLo:400 mg/kg (2D pre) IJPAAO 35,100,73
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZB0925000 VITEX PEDUNCULARIS Wall., stem bark extract
DEF:Indian plant belonging to the family VERBENACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: CHIRAYAGODA STEM BARK EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 12,512,74
VITICOLOR see: UC1645000
VITICOSTERONE see: FZ8060000
VITIGRAN see: GL7020000
VITIGRAN BLUE see: GL7020000
VITINC DAN-DEE-3 see: VS2900000

ZB0950500 VITIS ASSAMICA Laws., extract
DEF:Indian plant belonging to the family VITACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1V30 ipr-mus LD50:750 mg/kg IJEBA6 18,594,80

ZB0951000 VITIS BRACTEOLATA Wall., extract excluding roots
DEF:Indian plant belonging to the family VITACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2U26V30 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

ZB0952000 VITIS CAPREOLATA D. Don, extract excluding roots
DEF:Indian plant belonging to the family VITACEAE (IJEBA6 12,512,74)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:93 mg/kg IJEBA6 12,512,74

ZB0953000 VITIS PLANICAUIS Hk. f., extract
DEF:Indian plant belonging to the family VITACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: BARA-CHARCHER A LAHARA EXTRACT
TOXICITY DATA AND REFERENCES:
1M10 ipr-mus LD50:780 mg/kg IJEBA6 12,512,74
VITON see: GV4900000
VITPEX see: VH6750000
VITRAL see: GG3750000
VITRAN see: KX4550000
VITREOUS QUARTZ see: VV7320000
VITREX see: TF4550000
VITRIOL BROWN OIL see: WS5600000
VITRIOL, OIL OF (DOT) see: WS5600000
VITRIOL RED see: NO7400000
VITUF see: TR2725000
VI-TWEL see: GG3750000
VIVACTIL see: HP1400000
VIVACTIL see: HP1050000
VIVAL see: DF1575000
VIVOL see: DF1575000
VIVOTOXIN see: UY7425000
VK-738 see: RD0525000
VKhVD 40 see: KV9750000
VLB see: YY8050000
VLVF see: AK0950000
VM-26 see: KC0180000
VMCC see: AK0950000
VMI 10-3 see: US1750000
VMI 20-4 see: TJ5363000
V.M. and P. NAPHTHA see: SE7555000
VO 07 see: UE3025000
VOACALINE see: NH6737000

ZB1630000 VOBASAN-17-OIC ACID, 4-DEMETHYL-3-OXO-, METHYL ESTER, HYDROCHLORIDE
VOACORINE see: NH6737000
UPDT:8003 CAS: 19694-27-0 MW: 374.90 MOLFM: C20-H22-N2-O3 .Cl-H
SYN: PERIVINE CHLORHYDRATE * PERIVINE HYDROCHLORIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:22500 ug/kg APFRAD 36,519,78
VOCAMINE CAMPHORSULFONATE see: NH6737200
VOCAMINE CAMPHOSULFONATE see: NH6737200
VOCAMINE SULFATE see: NH6737230
VOFATOX see: TG0175000
VOGALENE see: NS5075000
VOGAN see: VH6750000
VOGAN-NEU see: VH6750000

ZB2005000 VOGELIA INDICA Gibs. ex Wight, extract
DEF:Indian plant belonging to the family PLUMBAGINACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: KAGAO EXTRACT
TOXICITY DATA AND REFERENCES:
3D35H30J30 ipr-mus LD50:250 mg/kg IJEBA6 7,250,69
VOGEL'S IRON RED see: NO7400000
VOGONIN see: LK8331000
VOLAMIN see: GV9275000
VOLATILE OIL of MUSTARD see: NX8225000
VOLATON see: MD4740000
VOLCALY BENTONITE BC see: CT9450000
VOLDYS see: TU4140000
VOLFARTOL see: TA0700000
VOLFAZOL see: GQ5075000
VOLGOVINYL E 62 see: KV0350000
VOLGOVINYL E 62P see: KV0350000
VOLGOVINYL E 66P see: KV0350000
VOLCLAY see: CT9450000
VOLID see: GN4934750
VOLIDAN see: TU4075000
VOLIDAN see: TU4140000
VOLITAL see: RQ2975000
VOLITOL see: RQ2975000
VOLKARIL see: AT6970000
VOLPO 20 see: RK2975000
VOLTALEF 10 see: OA1850000
VOLTAREN see: AG6330000
VOLTAROL see: AG6330000
VOLUNTAL see: FD1750000
VOLVARIELLA VOLVACEA TOXIN see: XW5868000
VOLVATOXIN see: XW5868000
VOMEX A see: XH5082000

ZB2500000 VOMICINE
UPDT:8403 CAS: 19764-19-3 MW: 380.48 MOLFM: C22-H24-N2-O4
SYN: 4,16-DIHYDROXY-19-METHYL-10-OXOSTRYCHNIDINIUM * 12-HYDROXY-N-METHYLPSEUDOSTRYCHNINE * 4-HYDROXY-19-METHYL-16,19-SECOSTRYCHNIDINE-10,16-DIONE * STRYCHNIDINIUM, 4,16-DIHYDROXY-19-METHYL-10-OXO- (9CI)
TOXICITY DATA AND REFERENCES:
1F12 scu-mus LD50:74200 ug/kg APSXAS 7,329,70
VOMISSELS see: TL1970000
VOMITOXIN see: YD0167000
VONDACEL BLACK N see: QJ6160000
VONDACEL BLUE 2B see: QJ6400000
VONDACEL BLUE FF see: QJ6430000
VONDACEL BLUE HH see: QJ6420000
VONDACEL GREEN DB see: QJ6195050
VONDACEL RED CL see: QK1400000
VONDACEL YELLOW RN see: GD0197800
VONDACID FAST YELLOW AE see: DB5042500
VONDACID GREEN L see: BQ4375000
VONDACID GREEN S see: BQ1150000
VONDACID LIGHT RED NG see: QJ6030000
VONDACID METANIL YELLOW G see: DB7329500
VONDACID ORANGE II see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
VONDACID TARTRAZINE see: UQ6400000
VONDALHYDE see: UR5950000
VONDAMOL FAST BLUE R see: QJ6300000
VONDAMOL FAST RED RS see: QJ6475500
VONDCAPTAN see: GW5075000
VONDCAPTAN see: GW5075100
VONDODINE see: MF1750000

ZB3200000 VONDOZEB
UPDT:8402 CAS: 8018-01-7 MW: 541.03 MOLFM: C4-H6-Mn-N2-S4 .C4-H6-N2-S4-Zn
SYN: CARBAMIC ACID, ETHYLENEBIS(DITHIO-, MANGANESE ZINC COMPLEX (8CI) * CARMAZINE * DITHANE M 45 * DITHANE S 60 * DITHANE SPC * DITHANE ULTRA * F 2966 * FORE * GREEN-DAISEN M * KARAMATE * MANCOFOL * MANCOZEB * MANEB-ZINC * MANEB-ZINEB-KOMPLEX (German) * MANGAN-ZINK-AETHYLENDIAMIN-BIS-DITHIO-CARBAMAT (German) * MANOSEB * MANZATE 200 * MANZEB * MARZIN * MANZIN 80 * NEMISPOR * POLICAR MZ * POLICAR S * TRIZIMAN * TRIZIMAN D * ZIMANAT * ZIMANEB * ZIMMAN-DITHANE
MUTATION DATA AND REFERENCES:
mmo-smc 5 ppm RSTUDV 6,161,76
mrc-smc 5000 ppm MUREAV 10,533,70
cyt-hmn:lym 4 mg/L MUREAV 116,341,83
cyt-rat-ipr 2500 ug/kg MUREAV 116,341,83
cyt-rat-orl 476 mg/kg/40W-I MUREAV 116,341,83
cyt-mus-unk 100 mg/kg TGANAK 16(1),45,82
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T45T41T42 orl-rat TDLo:1320 mg/kg (11D preg) TJADAB 14,171,76
3T43T46T55 orl-rat TDLo:1320 mg/kg (11D preg) TJADAB 14,171,76
TOXICITY DATA AND REFERENCES:
* unk-mus LD50:600 mg/kg TGANAK 16(1),45,82
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
VONDRAX see: UR5950000
VONDURON see: YS8925000
VONEDRINE see: SH5075000
VONEDRINE see: SH4935000
VONNEL, combustion products see: AT6975000
VONTERYL YELLOW G see: AC3662000
VONTERYL YELLOW R see: AC3662000
VONTIL see: SP5400000
VOPCOLENE 27 see: RG2275000
VORANIL see: SH1150000
VOREN see: TU4060000
V. ORIENTALIS VENOM see: YX4182865
VORLEX see: PA9625000
VORLEX see: TX9665000
VORONIT see: DD9010000
VORONITE see: DD9010000
VOROX see: XZ3850000
VOROX AA see: XZ3850000
VOROX AS see: XZ3850000
VORTEX see: PA9625000
VOTEXIT see: TA0700000
VP-16 see: KC0190000
VP 1940 see: WH6650000
VP 16213 see: KC0190000
VPM see: FC2100000
V-PYROL see: UY6107000
VROKON see: DG0888000
V. RUSSELLI SIAMENSIS VENOM see: YX4495000
V-SERP see: ZG0350000
VSKH-S see: KV0350000
V. SQUAMOSA VENOM see: YX4179670
V-SUL see: WO9100000
VT 1 see: XR1700000
Vt 2809 see: YS4000000

VTI 1 see: SJ6950000
VUAgT 866 see: LQ3500100
VUAgT 866/72 see: LQ3500100
VUAGT-I-4 see: JO1400000
VUCINE see: OD4725000
6605 VUFB see: KE1900000
VULCACEL B-40 see: XA5250000
VULCACEL BN see: XA5250000
VULCACID D see: MF0875000
VULCACURE see: ZH0175000
VULCACURE see: ZH0350000
VULCACURE see: ZH0525000
VULCACURE ZM see: ZH0525000
VULCAFOR BLUE A see: DU2988400
VULCAFIX BLUE R see: DU2988400
VULCAFIX RED J see: QL3436000
VULCAFIX SCARLET R see: DB5500000
VULCAFIX SCARLET R-D MASSE see: DB5500000
VULCAFOR BSM see: DL5950000
VULCAFOR FAST YELLOW GT see: AK4580000
VULCAFOR FAST YELLOW GTA see: AK4580000
VULCAFOR ORANGE R see: QL3436000
VULCAFOR RED 2R see: DB5500000
VULCAFOR SCARLET A see: QK4247000
VULCAFOR TMTD see: JO1400000
VULCALENT A see: JJ9800000
VULCANIZATION FUMES from STYRENE-BUTADIENE see: WL4080000
VULCANOSINE DARK BLUE L see: DU2988400
VULCAN RED LC see: DB5500000
VULCAN RED R see: QL3436000
VULCATARD see: JJ9800000
VULCATARD A see: JJ9800000
VULCOL FAST RED L see: DB5500000
VULCOL FAST YELLOW GR see: AK4580000
VUL-CUP see: SD8431900
VUL-CUP R see: SD8431900
VUL-CUP 40KE see: SD8431900
VULKACIT CA see: FE1225000
VULKACITE L see: ZH0525000
VULKACIT L see: ZH0525000
VULKACIT MTIC see: JO1400000
VULKACIT ZM see: DL7000000
VULKALENT A (Czech) see: JJ9800000
VULKANOX 4020 see: SS8050000
VULKASIL see: VV7310000
VULKAZIT see: MF0875000
VULKIDE A see: AT6970000
VULKLOR see: DK6825000
VUMON see: KC0180000
VULNOC AB see: DG3378000
VULNOPOL NM see: FD3500000
VULTROL see: JJ9800000
VULVAN see: XA3115000
VX see: TB1090000
VYAC see: AK0875000
VYDATE see: RP2300000
VYDATE L INSECTICIDE/NEMATICIDE see: RP2300000
VYDATE L OXAMYL INSECTICIDE/NEMATOCIDE see: RP2300000
VYDYNE see: RF5250000
VYGEN 85 see: KV0350000
VYGEN 110 see: KV0350000
VYGEN 120 see: KV0350000
VYGEN 220 see: AK0950000
VYGEN 313 see: KV0350000
VYHH see: AK0950000
VYNAMON BLUE A see: DU2988400
VYNAMON ORANGE CR see: OF9800000
VYNS see: AK0950000
VYNW see: AK0950000
W-24 see: QD6700000
W 32 see: DU2100000
W 45 see: TJ5150000
W 70 see: YU1610000
80W see: AB8050000
W 101 see: UD1842000
W 483 see: SO4900000
W 491 see: UV8050000
W1544 see: MV8400000
W 1655 see: US7700000
W 1655 see: US7875000
W 1929 see: GH1650000
2317-W see: XK9450000
W-2395 see: NY3200000
W 2426 see: SH1225000
W-2719 see: EL1505000
W 3566 see: RC8948000
W 3699 see: XJ5131750
W 4540 see: RC8899900
W 4565 see: JI5575000
W-5219 see: SA3680000
W5769 see: UE8840000
W 6658 see: XY5250000
W 7320 see: AF2100000
W 7618 see: VB2360000
W 7783 see: UP5990000
W 1164-3 see: VG0720000
W 1544-A see: MV8400000
W 2900 A see: AI9160000
W 5759A see: GW4375000
WACHOLDERBEER OEL (German) see: NY9870000
WACKER S 14/10 see: TD4025000
W. AEGYPTIA VENOM see: YX4500000

ZB7980000 WAGATEA SPICATA Dalz., extract excluding roots
DEF:Indian plant belonging to the family LEGUMINOSAE (IJEBA6 11,43,73)
UPDT:8303
SYN: WAKERI EXTRACT

TOXICITY DATA AND REFERENCES:

2H30J30	ipr-mus LD50:200 mg/kg	IJEBA6 11,43,73

WAIT'S GREEN MOUNTAIN ANTIHISTAMINE see: UT0875000
WAKERI EXTRACT (Indian) see: ZB7980000
WALCO-NESIN see: TZ1225000
WALKO-NESIN see: TZ1225000
WALNUT EXTRACT see: QJ5775000
WALNUT STAIN see: OP0915000
WALSRODER MC 20000S see: FJ5959000
WALTERINNESIA AEGYPTIA VENOM see: YX4500000

ZB8435000 WALTHERIA INDICA Linn., extract
DEF:Indian plant belonging to the family STERCULIACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: NALLABENDA EXTRACT

TOXICITY DATA AND REFERENCES:

1U26	ipr-mus LD50:500 mg/kg	IJEBA6 11,43,73

WAMPOCAP see: QT0525000
WANADU PIECIOTLENEK (Polish) see: YW2450000
WANSAR see: TM4970500
WAPNIOWY TLENEK (Polish) see: EW3100000
WARAN see: GN4550000
WARAN see: GN4725000
WARBEX see: TF7650000
WARCOUMIN see: GN4725000
WARDAMATE see: TZ0175000
WARDUZIDE see: DK9450000
WARECURE C see: NI9625000
W.A.R.F. 42 see: GN4550000
WARFARAT see: GN4550000
WARFARIN see: GN4550000
WARFARINE (French) see: GN4550000
WARFARIN PLUS see: GN4550000
WARFARIN Q see: GN4550000
WARFARIN Q CONCENTRATE see: TW3570000
WARFARIN SODIUM see: GN4725000
WARFARIN, SODIUM deriv. see: GN4725000
WARFARIN, SODIUM SALT see: GN4725000
WARF COMPOUND 42 see: GN4550000
WARFICIDE see: GN4550000
WARFILONE see: GN4725000
WARKEELATE ACID see: AH4025000
WARKEELATE PS-42 see: AH5075000
WARKEELATE PS-43 see: AH5075000
WARKEELATE PS-47 see: AH5075000
WARKEELATE S-42 see: AH5075000
WASH OIL see: GF8615000
WASSERINA see: NY2975000
WASSERSTOFFPEROXID (German) see: MX0900000

ZC0100000 WATAPANA SHIMARON
DEF:Aqueous extract from the root of the plant (JNCIAM 52,1579,74)
UPDT:8401
SYN: ACACIA VILLOSA

TUMORIGENIC DATA AND REFERENCES:

2V02V10	scu-rat TDLo:198 mg/kg/22W-I	JNCIAM 52,1579,74
2V01K60	imp-ham TDLo:1660 mg/kg	JNCIAM 53,1259,74
3V02T63V10	scu-rat TD :300 gm/kg/60W-I	JNCIAM 52,445,74

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZC0110000 WATER
UPDT:8408 CAS: 7732-18-5 MW: 18.02 MOLFM: H2-O
SYN: DIHYDROGEN OXIDE

TOXICITY DATA AND REFERENCES:

3F12K12U25	orl-inf TDLo:333 mg/kg	ADCHAK 54,551,79
	rec-wmn LDLo:180 gm/kg/28H	JAMAAP 104,1569,35
*	ipr-mus LD50:190 gm/kg	NTIS** AD628-313
	ivn-mus LD50:25 gm/kg	MIVRA6 8,320,74
*	orl-dog LDLo:629 mg/kg	JPETAB 29,135,26
1F12	orl-cat LDLo:320 mg/kg	JPETAB 29,135,26
1F12	orl-rbt LDLo:368 mg/kg	JPETAB 29,135,26
1P23	ivn-rbt LDLo:13 mg/kg	JPETAB 29,135,26
	rec-rbt LDLo:450 gm/kg	JAMAAP 104,1569,35
1F12	orl-gpg LDLo:429 mg/kg	JPETAB 29,135,26

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WATER-d2 (9CI) see: ZC0230000
WATERCARB see: FF5250100
WATER GLASS see: VV9275000
WATER GREEN SX see: BQ1150000
WATER(sup 2)-H2 see: ZC0230000

ZC0230000 WATER, HEAVY (D2-O)
UPDT:8408 CAS: 7789-20-0 MW: 20.02 MOLFM: D2-O
SYN: DEUTERIUM OXIDE * DIDEUTERIUM OXIDE * HEAVY WATER * HEAVY WATER-d2 * WATER-d2 (9CI) * WATER(sup 2)-H2

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T23	orl-mus TDLo:840 gm/kg (14D male)	NATUAS 208,1119,65
1T22	orl-mus TDLo:3360 gm/kg (56D pre)	SCIEAS 127,1445,58
1T01	orl-mus TDLo:2940 gm/kg (49D male)	ECREAL 50,306,68
2T23T26	orl-mus TDLo:1680 gm/kg (28D male)	ANYAA9 84,763,60

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WATER QUENCH PYROLYSIS FUEL OIL see: LS8954000
WATER-PEPPER HERB see: TQ9299000
WATERSTOFPEROXYDE (Dutch) see: MX0900000
WATTLE GUM see: CE5945000
WAXAKOL ORANGE GL see: QL4900000
WAXAKOL RED BL see: QL5775000
WAXAKOL VERMILION L see: QL5850000
WAXAKOL YELLOW NL see: XU8800000
WAX LE see: TQ3325000

ZC0320000 WAX MYRTLE
DEF:TANNIN containing fraction of bark used (JNCIAM 57,207,76)
UPDT:8401
SYN: MYRICA CERIFERA * SOUTHERN BAYBERRY * SWEET MYRTLE * TANNIN from WAX MYRTLE

TUMORIGENIC DATA AND REFERENCES:

2V02V10	scu-rat TDLo:560 mg/kg/69W-I	JNCIAM 57,207,76

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WAXOLINE ORANGE A see: AR7600000
WAXOLINE RED A see: ZE9705000

WAXOLINE RED 0 see: QL5775000
WAXOLINE RED OM see: QL5775000
WAXOLINE RED OS see: QL5775000
WAXOLINE YELLOW AD see: BX7350000
WAXOLINE YELLOW ADS see: BX7350000
WAXOLINE YELLOW ED see: CX9871000
WAXOLINE YELLOW I see: QL4900000
WAXOLINE YELLOW IM see: QL4900000
WAXOLINE YELLOW IP see: QL4900000
WAXOLINE YELLOW IS see: QL4900000
WAXOLINE YELLOW 0 see: BY3500000
WAXOLINE YELLOW T see: GE5925000
WAXSOL see: WN0525000
WAYNECOMYCIN see: RH6315500
WAYNE RED X-2486 see: DB5500000
W-847-B see: OR8746830
WB 4325 see: QJ0352000
WBA 8107 see: GN4934500
WBA 8119 see: GN4934750
WEATHERBEE MUSTARD see: MX4200000
WEC 50 see: TA0700000
WECKAMINE see: SH9450000
WECKAMINE see: SI1750000
WECOLINE 00 see: RG2275000
WECOLINE 1295 see: OE9800000
WEDDING BELLS see: KE4100000

ZC1851000 WEDELIA BIFLORA, leaf and stem extract
UPDT:8307
TOXICITY DATA AND REFERENCES:
1F12 ipr-mus LD50:250 mg/kg CPBTAL 13,882,65

ZC1852000 WEDELIA CALENDULACEA Less, extract
DEF:Indian plant belonging to the family COMPOSITAE (IJEBA6 9,91,71)
UPDT:8302
SYN: BHIM-RAJ EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:500 mg/kg IJEBA6 9,91,71

WEECON see: GS7000000
WEED 108 see: PA2625000
WEED-AG-BAR see: AG6825000
WEEDANOL CYANOL see: GS6825000
WEEDAR see: AG6825000
WEEDAR see: AG1575000
WEEDAR see: AJ8400000
WEEDAR-64 see: AG6825000
WEEDAR ADS see: XZ3850000
WEEDAR AT see: XZ3850000
WEEDAR MCPA CONCENTRATE see: AG1575000
WEEDATUL see: AG6825000
WEEDAZIN see: XZ3850000
WEEDAZIN ARGINIT see: XZ3850000
WEEDAZOL see: XZ3850000
WEEDAZOL GP2 see: XZ3850000
WEEDAZOL SUPER see: XZ3850000
WEEDAZOL T see: XZ3850000
WEEDAZOL TL see: XK7875000
WEEDAZOL TL see: XZ3850000
WEEDBEADS see: SM6490000
WEED-B-GON see: AG6825000
WEED-B-GON see: UF8225000
WEED BROOM see: PA2275000
WEED DRENCH see: BA5075000
WEED-E-RAD see: PA2275000
WEED-E-RAD see: PA2625000
WEED-E-RAD 360 see: PA2275000
WEED-E-RAD DMA POWDER see: PA2275000
WEEDEX A see: XY5600000
WEEDEX GRANULAT see: XZ3850000
WEEDEZ WONDER BAR see: AG6825000
WEED-HOE see: PA2275000
WEED-HOE see: PA2625000
WEEDMASTER GRASS KILLER see: AJ9100000
WEEDOCLOR see: XZ3850000
WEEDOL see: DW2275000
WEEDONE see: AG6825000
WEEDONE see: AJ8400000
WEEDONE see: AG1575000
WEEDONE see: SM6300000
WEEDONE 128 see: AG8750000
WEEDONE 170 see: UF1050000
WEEDONE CRAB GRASS KILLER see: GS6825000
WEEDONE DP see: UF1050000
WEEDONE LV4 see: AG6825000
WEEDONE MCPA ESTER see: AG1575000
WEEDONE 2,4,5-T see: AJ8400000
WEED-RHAP see: AG1575000
WEED-RHAP see: AG6825000
WEED TOX see: AG6825000
WEEDTRINE-D see: JM5690000
WEEDTRINE-II see: AG8575000
WEEDTROL see: AG6825000
WEEVILTOX see: FF6650000
WEGLA DWUSIARCZEK (Polish) see: FF6650000
WEGLA TLENEK (Polish) see: FG3500000
WEHYDRYL see: KR7000000
WEIFACODINE see: QD1575000
WEISS PHOSPHOR (German) see: TH3500000
WEISSPIESSGLANZ (German) see: CC5650000

ZC2490000 WELDING FUME PARTICLES
DEF:Contains 3.6% hexavalent chromium and was collected from manual metal arc welding onStainless steel (APTOA6 47,66,80)
UPDT:8408
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T33 ipr-mus TDLo:300 mg/kg (8-10D preg) APTOA6 47,66,80
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7200
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WELFURIN see: MU2800000
WELLBATRIN see: UG8858000
WELLCOME PREPARATION 47-83 see: TL6475000
WELLCOME-248U see: UO7504000
WELLCOPRIM see: UV8225000
WELVIC G 2/5 see: KV0350000
WELVIC PRIO 953 see: KV0350000
WELVIC PRO 686 see: KV0350000
WELVIC R 7/622 see: KV0350000
WELVIC RI 7/316 see: KV0350000
WELVIC RIO 715 see: KV0350000

ZC2610000 WENDLANDIA HEYNEI Sant. & Merch., extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 9,91,71)
UPDT:8302
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:1000 mg/kg IJEBA6 9,91,71

ZC2611000 WENDLANDIA NOTONIANA Wall., extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: SHEORA EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:100 mg/kg IJEBA6 11,43,73

ZC2612000 WENDLANDIA TINCTORIA DC., extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 12,512,74)
UPDT:8303
TOXICITY DATA AND REFERENCES:
2H30M10 ipr-mus LD50:300 mg/kg IJEBA6 12,512,74

ZC2620000 WENDLANDIA WALLICHII Wight & Arn., extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2M10U26 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

WEPSIN see: TA1400000
WEPSYN see: TA1400000
WEPSYN 155 see: TA1400000
WESCOZONE see: UQ8225000
WESPURIL see: SM0175000
WESTERN DIAMONDBACK RATTLESNAKE VENOM see: YX4310000
WESTERN HELLEBORE see: YX7140000
WEST INDIAN LEMONGRASS OIL see: OG8257000
WEST INDIAN SANDALWOOD OIL see: BV3325000
WESTOCAINE see: DG2275000
WESTRON see: KI8575000
WESTROSOL see: KX4550000
WETAID SR see: WN0525000
WEX 1242 see: UD1842000
WG 696 see: YD0120000
W-GUM see: GM5090000
WH 5668 see: AG9625000

ZC3619500 WHEAT, extract
UPDT:8402
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T13 orl-mam TDLo:1400 mg/kg (7D pre) SCIEAS 195,575,77
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WHEAT GERM OIL see: RJ3725000
WHEY FACTOR see: RM3180000
1700 WHITE see: XR2275000
WHITE ACID (DOT) see: BP8205000
WHITE ARSENIC see: CG3325000
WHITE CAMPHOR OIL see: EX1490000
WHITE CAUSTIC see: WB4900000
WHITE CEDAR OIL see: FJ1520000
WHITE COPPERAS see: ZH5260000
WHITE CRYSTAL see: VZ4725000
WHITE LEAD see: OF9275000
WHITE MERCURY PRECIPITATED see: OV7020000
WHITE MINERAL OIL see: PY8030000
WHITE OIL of CAMPHOR see: EX1490000
WHITE PHOSPHORUS see: TH3500000
WHITE PRECIPITATE see: OV7020000
WHITE SEAL-7 see: ZH4810000
WHITE SPIRIT see: SE7555000

ZC4146000 WHITE SPIRIT, DILUTINE 5
UPDT:8311
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg MLD FCTOD7 20,563,82
eye-rbt 100 mg MLD FCTOD7 20,573,82
eye-rbt 100 mg/30S rns MLD FCTOD7 20,573,82

WHITE SPIRITS see: SE7555000
WHITE STREPTOCIDE see: WO8400000
WHITE STUFF see: QC8050000
WHITE TAR see: QJ0525000
WHITE VITRIOL see: ZH5260000
WHITE VITRIOL see: ZH5300000
WHORTLEBERRY RED see: QJ6550000
W 45 HYDROCHLORIDE see: TJ5363000
WICKENOL 111 see: RT4900000
WICKENOL 122 see: WI2900000
WICKENOL 155 see: RT4740000
WICKENOL 158 see: AU9700000
WICKENOL 303 see: BD0550000
WICKENOL 321 see: BD0550000
WICKENOL 323 see: BD0550000
WICKENOL 324 see: BD0550000
WIDLON see: TQ9800000
WIE OBEN see: TF6125000
WIGRAINE see: AM4375000
WIJS' CHLORIDE see: NN1650000
WIKOL see: AK0920000

ZC4680600 WIKSTROEMIA CANESCENS Meissn., extract excluding roots
DEF:Indian plant belonging to the family THYMELAEACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: SATPUR EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:750 mg/kg IJEBA6 7,250,69

ZC4680650 WIKSTROEMIA INDICA (Linn.) C. A. Mey, extract excluding roots
DEF:Indian plant belonging to the family THYMELAEACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: PINARAI EXTRACT * WIKSTROEMIA VIRIDIFLORA, extract excluding roots
TOXICITY DATA AND REFERENCES:
2M10V30 ipr-mus LD50:10 mg/kg IJEBA6 12,512,74

WIKSTROEMIA VIRIDIFLORA, extract excluding roots see: ZC4680650

WILD CORN see: YX7140000
WILD GINGER OIL see: VX8125000
WILKINITE see: CT9450000
WILLBUTAMIDE see: YS4550000
WILLESTROL see: WJ5775000
WILLIAM COOPER 40H62 see: TF3750000
WILLNESTROL see: SL0580000
WILLOSETTEN see: DE4550000
WILPO see: SH4025000
WILPO see: SH4950000
WILT PRUF see: KV0350000
WILTZ-65 see: QO7750000
WIN 244 see: VB2360000
WIN 833 see: DO6530000
WIN 1593 see: TN4724500
WIN 2022 see: VO1602000
WIN 2095 see: XJ6263000
WIN 2125 see: XJ6262500
WIN 2126 see: XJ6242000
WIN 2195 see: XJ6262200
WIN 2259 see: VO1690000
WIN 2501 see: XJ6262000
WIN 2502 see: XJ6262700
WIN 2661 see: XJ6277000
WIN 2663 see: XJ6255000
WIN 2687 see: XJ6262900
WIN 2761 see: XJ6273000
WIN 2772 see: XJ6277400
WIN 2773 see: XJ6277100
WIN 2774 see: XJ6218600
WIN 2775 see: XJ6257600
WIN 2776 see: XJ6257400
WIN 2777 see: XJ6258000
WIN-2848 see: UT1575000
WIN-2848 see: UT1925000
WIN 3028 see: XJ6277300
WIN 3039 see: XJ6273500
WIN 3046 see: DO2320000
WIN 3050 see: XJ6218000
WIN 3074 see: TI5638400
WIN 3075 see: XJ6218800
WIN 3077 see: XJ6218400
WIN 3078 see: XJ6192000
WIN 3094 see: XJ6218200
WIN 3107 see: XJ6216000
WIN 3131 see: XJ6176000
WIN 3132 see: XJ6277200
WIN 3133 see: XJ6272000
WIN 3151 see: XJ6217000
WIN 3229 see: XJ6257000
WIN 3273 see: XJ6257200
WIN 3459 see: DG3066000
WIN 3591 see: DG3067000
WIN 3606 see: DG2412000
WIN 3706 see: DG1501000
WIN 3706 see: DG1502700
WIN 3766 see: DG3067500
WIN 3800 see: DG1506000
WIN 4069 see: DG2550000
WIN 4071 see: DG2848000
WIN 4115 see: AM4445000
WIN 4205 see: DG3067700
WIN 4230 see: DG1506600
WIN 4316 see: DG1506500
WIN 4336 see: DG3067600
WIN 4338 see: DG3067800
WIN 4369 see: BP7525000
WIN 4510 see: DG2570000
WIN 5037 see: VC0367000
WIN 5047 see: AB6551000
WIN 5095 see: CP8225000
WIN 5162 see: DO1750000
WIN 5334 see: DG3016500
WIN 5512 see: DN7350000
WIN 5606 see: DD2800000
WIN 6703 see: SL8350000
WIN 8077 see: BR9808000
WIN 11318 see: TK6060000
WIN 11450 see: VO0720000
WIN 13,099 see: AC7732000
WIN 14833 see: BV8065000
WIN 17,416 see: AC2976500
WIN 17625 see: BV7992000
WIN 17757 see: TU4157070
WIN 18,320 see: QN2885000
WIN 18437 see: NM0935000
WIN 18441 see: AC6800000
WIN 18,446 see: AC6800000
WIN 20228 see: PB8750000
WIN 20740 see: PB8585000
WIN 24450 see: BV8044200
WIN 24933 see: XO1590000
WIN 25,850 see: XO0556000
WIN 27,262 see: XO1605970
WIN 31122 see: LZ4369000
WIN 32,729 see: BV8044150
WIN 39103 see: LZ6650000
WIN 40680 see: DW2500000
WIN-5063-2 see: AB6680000
WIN 8308-3 see: DG6125000
WIN 13,797-3 see: NS5265000
WIN 18,413-2 see: JI4660000
WIN 18501-2 see: NL7170000
WINACET D see: AK0920000
WINE ETHER see: RA6845000
WING STOP B see: FD3500000
WIN 2848 HYDROCHLORIDE SALT see: UT1750000
WINIDEN 60 see: KV9750000
WINIDUR see: KV0350000
WINSTROL see: BV8065000
WINSTROL V see: BV8065000
WINTER BLOOM see: MG8325000
WINTERGREEN OIL see: VO4725000
WINTERGREEN OIL, SYNTHETIC see: VO4725000
WINTERMIN see: SN8925000
WINTERSTEINER'S COMPOUND F see: GM9020000
WINTERWASH see: GO9625000
WINTOMYLON see: QN2885000
WINYLU CHLOREK (Polish) see: KU9625000
WIRKSTOFF 37289 see: TB0700000
WIRNESIN see: UK6650000
WITAMINA PP see: QS3675000
WITAMOL 320 see: AU9700000
WITCARB 940 see: FF5250100
WITCH HAZEL see: MG8325000
WITCIZER 200 see: WI2900000
WITCIZER 201 see: WI2900000
WITCIZER 300 see: TI0875000
WITCIZER 312 see: TI0350000
WITCO 31 see: MD0880000
WITCOBLAK NO. 100 see: FF5800000
WITCONATE see: AZ8400000
WITCONOL MS see: RG1925000
WITCONOL MST see: RG1925000

ZC8061500 WITHANIA SOMNIFERA, leaf extract
UPDT:8308
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:1000 mg/kg ANTCAO 8,511,58
* ipr-mus LDLo:120 mg/kg ANTCAO 3,511,58

ZC8061600 WITHANIA SOMNIFERA, roots
UPDT:8405
SYN: ASWGANDH ROOTS
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T21 orl-mus TDLo:30 gm/kg (15D male/15D pre) PLMEAA 13,46,65
1T72 orl-mus TDLo:52 gm/kg (2W male/2W pre-21D preg) PLMEAA 13,46,65
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZC8061700 WITHANIA SOMNIFERA (L.) Dunal, root extract
DEF:Indian plant belonging to the family SOLANACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:681 mg/kg IJEBA6 18,594,80

WITTOX C see: QK9100000
WJG 11 see: TQ3325000
WL 7 see: MV8750000
WL 20 see: JF8300000
WL 31 see: MV7361000
WL 33 see: JF8300000
WL 1650 see: PC1225000
WL-5792 see: CV3850000
WL 8008 see: QF2275000
WL 17,731 see: UE7550000
WL 18236 see: AK2975000
WL 19805 see: UG1490000
WL 41706 see: GZ2090000
WL 43425 see: UE8880000
WL 43467 see: GZ1250000
WL 43479 see: GZ1255000
WL 43775 see: CY1576350
W-2946M see: XH5099000
WMO see: VO3150000
WN 12 see: PA9625000
WNF 15 see: TQ3325000
WNM see: NJ0607000
WOCHEM NO. 320 see: RG2275000
WOFATOS see: TG0175000
WOFATOX see: TG0175000
WOFOTOX see: TG0175000
WOGENAL YELLOW GG see: GD0197800
WOGONIN see: LK8331000
WOLFRAM see: YO7175000
WOLLASTOKUP see: ZC9750000

ZC9750000 WOLLASTONITE
UPDT:8412 CAS: 13983-17-0 MW: 118.19 MOLFM: Ca-H2-O3-Si
SYN: CAB-O-LITE * CAB-O-LITE 100 * CAB-O-LITE 130 * CAB-O-LITE 160 * CAB-O-LITE F 1 * DAB-O-LITE P 4 * CASIFLUX VP 413-004 * F 1 * FW 50 * FW 200 (mineral) * NCI-C55470 * NYAD 10 * NYAD 325 * NYA G * NYCOR 200 * NYCOR 300 * VANSIL W 10 * VANSIL W 20 * VANSIL W 30 * WOLLASTOKUP
TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-rat TDLo:200 mg/kg JJIND8 67,965,81
STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WOLPRYLA, combustion products see: AT6975000
WOMB EXTRACT (Indian) see: LE5947000
WONUK see: XY5600000
WOOD ALCOHOL see: PC1400000
WOOD ETHER see: PM4780000

ZD0100000 WOODFORDIA FRUTICOSA Kurz, flower extract
DEF:Indian plant belonging to the family LYTHRACEAE (IJMRAQ 63,378,75)
UPDT:8305
SYN: DHAI FLOWER EXTRACT * DHATAKI FLOWER EXTRACT
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T24 orl-mus TDLo:300 mg/kg (1-6D preg) IJMRAQ 63,378,75
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

WOOD NAPHTHA see: PC1400000
WOOD OIL see: MG1035000
WOOD ROSIN, METHYL ESTER see: TP8590000
WOOD SPIRIT see: PC1400000

ZD0400000 WOODWARDIA RADICANS Sm., extract excluding roots
DEF:Indian plant belonging to the family BLECHNACEAE (IJEBA6 15,208,77)
[illegible]
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:750 mg/kg IJEBA6 15,208,77

WOOL BLUE RL see: QJ6300000
WOOL BORDEAUX 6RK see: QJ6550000
WOOL BRILLIANT GREEN SF see: BQ4900000

WOOL FAST BLUE R see: QJ6300000
WOOL GREEN 5 see: BQ1150000
WOOL GREEN B see: BQ1150000
WOOL GREEN BS see: BQ1150000
WOOL GREEN BSNA see: BQ1150000
WOOL GREEN MS see: BQ1150000
WOOL GREEN S see: BQ1150000
WOOL GREEN S (BIOLOGICAL STAIN) see: BQ1150000
WOOL GREEN SG see: BQ1150000
WOOLLEY'S ANTISEROTONIN see: NL4025000
WOOL ORANGE A see: DB7084000 BENZENESULFONIC ACID, 4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-,MONOSODIUM SALT
WOOL ORANGE G see: QJ6500000
WOOL ORANGE 2G see: QJ6500000
WOOL RED see: QJ6550000
WOOL RED 40F see: QJ6550000
WOOL VIOLET see: BQ1140000
WOOL VIOLET 4BN see: BQ1140000
WOOL VIOLET 5BN see: BQ1140000
WOOL YELLOW see: UQ6400000
WOORALI see: GS3325000
WOORARI see: GS3325000
WORM-AGEN see: VH1575000
WORM-CHEK see: NJ5960000
WORM GUARD see: DD6495000
WORMIN see: QL3361000
WORMWOOD PLANT see: VN3020000
WOTEXIT see: TA0700000
WOURARA see: GS3325000
WP 155 see: TA1400000
WR 141 see: MD9100000
WR 448 see: BY8925000
WR 638 see: TE6483500
WR 2721 see: TE6491000
WR 7035 see: JO6150000
WR 9838 see: ES2450000
WR 27653 see: IE1320000
WR 77913 see: TE6487000
WR-171,669 see: SF7790000
W 45 RASCHIG see: TJ5150000
W 45 RASCHIG HYDROCHLORIDE see: TJ5363000
WR 2721C see: TE6491000

ZD2306000 WRIGHTIA COCCINIEA (Roxb.) Sims., fruit extract
DEF:Indian plant belonging to the family APOCYNACEAE (IJEBA6 15,208, 77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:46 mg/kg IJEBA6 15,208,77

ZD2308000 WRIGHTIA TINTORIA R. Br., extract excluding roots
DEF:Indian plant belonging to the family APOCYNACEAE (IJEBA6 12,512,74)
UPDT:8302
SYN: DUDHALI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:375 mg/kg IJEBA6 12,512,74

ZD2308500 WRIGHTIA TOMENTOSA R. & S., extract excluding roots
DEF:Indian plant belonging to the family APOCYNACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: DUDHI EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:125 mg/kg IJEBA6 11,43,73

WS 24 see: AT4680000
WS 801 see: AT4680000
WS 8096 see: CB9895500
WSCP see: TR1650000
WSCP 2 see: TQ9380000
W-13 STABILIZER see: GM5090000
WT161 see: CQ0525000
W-T SASP ORAL see: VO6250000
WU-320 see: MA4800000
WU-345 see: MA2860000
WUERZBERG GREEN see: GL6475000
WURM-THIONAL see: SN5075000
WV 351 see: SI7776000
WV 365 see: FI1600000
WV 778 see: SI7716500
WVG 23 see: TQ3325000
W VH/117 see: DD9010000
WY-385 see: MA2910000
WY 509 see: SO6825000
WY 554 see: NS5950000
WY-585 see: SI3675000
WY 651 see: RJ9900000
WY 806 see: AC3325000
WY 1094 see: SO7000000
WY-1172 see: OB2275000
WY-1263 see: KC9930000
WY 2917 see: DF1225000
WY-3263 see: GY0350000
WY-3467 see: DF1575000
WY-3475 see: JF7972000
WY-3478 see: ET4750000
WY-3498 see: DF1400000
WY 3707 see: JF8225200
WY 3917 see: DF1225000
WY 4036 see: DF0350000
WY-5090 see: MD6959000
WY-5103 see: XH8350000
WY 8138 see: DM3325000
WY-14,643 see: AG2915000
WY 16,558 see: OK6509000
WY-18,185 see: OK6600000
WY 18481 see: OK6420000
WY 40,972 see: OK6750000
WY-41,747 see: WF8760000
WYACORT see: TU4146000
WYAMINE see: SI3675000
WYANDOTTE W-24 see: QD6700000
WYCILLIN see: XH9450000
WYCILLINA see: XH9425000
WYDASE see: MT7260000
WY-E 104 see: JF8300000
WY 3707 mixt. with ETHINYLESTRADIOL see: JF8300100
WYFENTERMINA see: SI3675000
WYMESONE see: TU4055000
Wy-4355 mixed with MESTRANOL (20:1) see: JF7980000
WYNESTRON see: KG8575000
WYPAX see: DF0350000
WYSEALS see: TZ0175000
WY-1263 THEOPHYLLINATE see: KC9940000
X-52 see: KN8300000
X-206 see: CB9898000
X-340 see: DJ6350000
X-340 see: QI9296900
X-464 see: QT6825000
X 600 see: WL6475000
X 5108 see: QA2809000
X 14547 see: UP6100000
3760-X14 see: WZ6400000
X 537A see: GP4000000
XA 124-177 see: ON4250000
X 14547A see: UP6100000
XA 146-85-2 see: ON4250000
X-AB see: KV0350000
X-ALL LIQUID see: XZ3850000
XAMAMINA see: XH5082000
XAN see: ZD7700000
XANTELINE see: BP7632500
XANTHACRIDINE see: AR9625000
XANTHACRIDINUM see: AR9660000
XANTHATE see: FG1370000
XANTHAURINE see: LK8750000

ZD5500000 3H-XANTHEN-6-AMINE, N-METHYL-3-(METHYLIMINO)-, HYDROCHLORIDE
UPDT:8401 CAS: 2465-29-4 MW: 274.77 MOLFM: C15-H14-N2-O .Cl-H
SYN: ACRIDINE RED * ACRIDINE RED 3B * ACRIDINE RED, HYDROCHLORIDE * DIMETHYLDIAMINOXANTHENYL CHLORIDE
MUTATION DATA AND REFERENCES:
sln-dmg-orl 1000 ppm AMNTA4 87,295,53
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rat TDLo:1215 mg/kg/59W-I GANNA2 47,153,56
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XANTHENE-9-CARBOXYLIC ACID, ESTER with DIETHYL(2-HYDROXYETHYL)METHYLAMMONIUM BROMIDE see: BP7632500
XANTHENE-9-CARBOXYLIC ACID, ESTER with (2-HYDROXYETHYL)DIISOPROPYLMETHYLAMMONIUM BROMIDE see: BP8249200

ZD5703800 9H-XANTHENE-2,7-DIMETHANOL, alpha,alpha'-BIS(3-(DIETHYLAMINO)PROPYL)-
UPDT:8309 CAS: 57848-71-2 MW: 468.75 MOLFM: C29-H44-N2-O3
SYN: alpha,alpha'-BIS(3-(DIETHYLAMINO)PROPYL)-9H-XANTHENE-2,7-DIMFTHANOL
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:250 mg/kg JMCMAR 19,1142,76

1,1'-(9H-XANTHENE-2,7-DIYL)BIS(3-(DIETHYLAMINO)-1-PROPANONE) HYDROCHLORIDE HYDRATE (2:4:5) see: UC3905000
1,1'-(9H-XANTHENE-2,7-DIYL)BIS(5-(DIMETHYLAMINO)-1-PENTANONE) see: SB0177000
2,2'-(9H-XANTHENE-2,7-DIYLBIS(OXY))BIS(N,N-DIMETHYLETHYLAMINE) see: KS0370000
1,1'-(9H-XANTHENE-2,7-DIYL)BIS(2-PIPERIDINOETHANONE) HYDROCHLORIDE HYDRATE (2:4:7) see: KM5788000
1,1'-(9H-XANTHENE-2,7-DIYL)-DI-3-BUTENE-4,1-DIYL)BIS(PIPERIDINE) see: TN4365000

ZD5706000 2H-XANTHENO(1',2',3':4:5)(1,3)BENZODIOXINO(7,6-g)ISOQUINOLINE-5,14(1H,9H)-DIONE, 13-AMINO-3,4 8a,13-TETRAHYDRO-4,15,16-TRIHYDROXY-1-METHOXY-12-METHYL-, (1R-(1-alpha,4-alpha,8a-beta))-
UPDT:8309 CAS: 37895-35-5 MW: 520.53 MOLFM: C27-H24-N2-O9
SYN: ALBOFUNGIN * ANTIBIOTIC P 42-1 * ANTIBIOTIC P42-C * ANTIBIOTIC P 42-I
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:2 mg/kg JANTAJ 26,65,73
* scu-mus LD50:550 ug/kg 85GDA2 5,159,81
* ivn-mus LD50:375 ug/kg 85GDA2 5,162,81

ZD5735000 9H-XANTHEN-9-ONE, 3,6-BIS(2-(DIMETHYLAMINO)ETHOXY)-, DIHYDROCHLORIDE
UPDT:8309 CAS: 54593-27-0 MW: 443.41 MOLFM: C21-H26-N2-O4 .2Cl-H
SYN: 3,6-BIS(2-(DIMETHYLAMINO)ETHOXY)-9H-XANTHEN-9-ONE DIHYDROCHLORIDE * RMI 10874DA
TOXICITY DATA AND REFERENCES:
orl-mus LD50:1780 mg/kg ALACBI 12,77,79
scu-mus LD50:353 mg/kg ALACBI 12,77,79

ZD5815000 9H-XANTHEN-9-ONE, 2,7-BIS(1-OXO-5-(PIPERIDINO)PENTYL)-
UPDT:8309 CAS: 37972-07-9 MW: 530.77 MOLFM: C33-H42-N2-O4
SYN: 2,7-BIS(1-OXO-5-(PIPERIDINO)PENTYL)-9H-XANTHEN-9-ONE
TOXICITY DATA AND REFERENCES:
* scu-mus LDLo:250 mg/kg JMCMAR 19,1142,76

ZD5822000 9H-XANTHEN-9-ONE, 3,6-BIS(2-(PIPERIDINO)ETHOXY)-
UPDT:8309 CAS: 38020-47-2 MW: 450.63 MOLFM: C27-H34-N2-O4
SYN: 3,6-BIS(2-(PIPERIDINO)ETHOXY)-9H-XANTHEN-9-ONE
TOXICITY DATA AND REFERENCES:
* orl-mus LDLo:250 mg/kg JMCMAR 19,1142,76

ZD6034500 XANTHEN-9-ONE, 1,3-DIHYDROXY-7-METHOXY-
UPDT:8306 CAS: 491-64-5 MW: 258.24 MOLFM: C14-H10-O5
SYN: 1,3-DIHYDROXY-7-METHOXYXANTHEN-9-ONE * ISOGENTISIN * ISOGENTISINE * 9H-XANTHEN-9-ONE, 1,3-DIHYDROXY-7-METHOXY- (9CI)
MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate MUREAV 116,103,83

9H-XANTHEN-9-ONE, 1,3-DIHYDROXY-7-METHOXY- (9CI) see: ZD6034500

ZD6034600 XANTHEN-9-ONE, 1,7-DIHYDROXY-3-METHOXY-
UPDT:8306 CAS: 437-50-3 MW: 258.24 MOLFM: C14-H10-O5
SYN: 1,7-DIHYDROXY-3-METHOXYXANTHEN-9-ONE * GENTIANIC ACID * GENTIANIN * GENTISIN * GENTISINE * 9H-XANTHEN-9-ONE, 1,7-DIHYDROXY-3-METHOXY-
MUTATION DATA AND REFERENCES:
mma-sat 5 ug/plate MUREAV 116,103,83

9H-XANTHEN-9-ONE, 1,7-DIHYDROXY-3-METHOXY- see: ZD6034600
9H-XANTHEN-9-ONE, 2-beta-D-GLUCOPYRANOSYL-1,3,6,7-TETRAHYDROXY- (9CI) see: OP1927800
XANTHIC ACID, ALLYL-, POTASSIUM SALT see: FG0900000
XANTHIC ACID, BENZYL-, POTASSIUM SALT see: FG1100000
XANTHIC ACID, BUTYL-, BENZYL ESTER see: FG1050000
XANTHIC ACID, BUTYL-, POTASSIUM SALT see: FG1223000
XANTHIC ACID, sec-BUTYL-, POTASSIUM SALT see: FG1223050
XANTHIC ACID, CYCLOHEXYL-, POTASSIUM SALT see: FG1500000
XANTHIC ACID, DECYL-, POTASSIUM SALT see: FG1510000
XANTHIC ACID, ETHYL-, POTASSIUM SALT see: FG1575000
XANTHIC ACID, HEXYL-, POTASSIUM SALT see: FG1580500
XANTHIC ACID, ISOPROPYL-, POTASSIUM SALT see: FG1581300

XANTHIC ACID, METHYL-, POTASSIUM SALT see: FG1581700
XANTHIC ACID, OCTYL-, POTASSIUM SALT see: FG1581800
XANTHIC ACID, PENTYL-, POTASSIUM SALT see: FG1581900
XANTHIC ACID, PROPYL-, POTASSIUM SALT see: FG1581950

ZD7100000 XANTHICIN
DEF:An antibiotic produced by a strain of STREPTOMYCES XANTHOCHROMOGENES (85ERAY 2,1144,78)
UPDT:8309 MW: 265.29 MOLFM: C13-H15-N-O5
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:105 mg/kg 85ERAY 2,1144,78
XANTHIC OXIDE see: ZD7700000
XANTHIN see: ZD7700000

ZD7700000 XANTHINE
UPDT:8403 CAS: 69-89-6 MW: 152.13 MOLFM: C5-H4-N4-O2
SYN: 3,7-DIHYDRO-1H-PURINE-2,6-DIONE * 2,6-DIOXOPURINE * ISOXANTHINE * PSEUDOXANTHINE * PURINE-2,6-DIOL * 9H-PURINE-2,6-DIOL * 2,6(1,3)-PURINEDION * PURINE-2,6-(1H,3H)-DIONE * 9H-PURINE-2,6-(1H,3H)-DIONE * USAF CB-17 * XAN * XANTHIC OXIDE * XANTHIN
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:3600 mg/kg/18W-I JNCIAM 24,109,60
2V02M60 imp-mus TDLo:80 mg/kg BJCAAI 11,212,57
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:500 mg/kg NTIS** AD277-689
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AEHLAU 23,6,71
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
XANTHINE, 1,3-DIMETHYL- see: XH3850000
XANTHINE, 3,7-DIMETHYL- see: XH2275000

ZD8100000 XANTHINE, 3-HYDROXY-
UPDT:8402 CAS: 13479-29-3 MW: 168.13 MOLFM: C5-H4-N4-O3
SYN: 3-HYDROXYXANTHINE * 1H-PURINE-2,6-DIONE, 3,7-DIHYDRO-3-HYDROXY- * XANTHINE-x-N-OXIDE * XANTHINE-3-N-OXIDE
MUTATION DATA AND REFERENCES:
dnd-rat-ipr 50 mg/kg CBINA8 10,19,75
TUMORIGENIC DATA AND REFERENCES:
3V01T65L60 ipr-rat TDLo:500 mg/kg (19-22D preg) JJIND8 61,1405,78
2V01L60 ipr-rat TDLo:96 mg/kg/8W-I CNREA8 38,2038,78
3V02L60V10 scu-rat TDLo:9600 ug/kg/8W-I CNREA8 38,2038,78
3V02T65R60 scu-rat TDLo:500 mg/kg (19-22D preg) JJIND8 61,1411,78
3V02L60V10 scu-rat TD :96 mg/kg/8W-I CNREA8 38,2038,78
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:100 mg/kg ARPAAQ 86,395,68
scu-rat LDLo:1540 mg/kg CNREA8 30,179,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZD8110000 XANTHINE, 3-HYDROXY-, ACETATE
UPDT:8401 CAS: 22052-01-3 MW: 210.17 MOLFM: C7-H6-N4-O4
SYN: 3-ACETOXYXANTHINE * 3-(ACETYLOXY-3,7-DIHYDRO)-1H-PURINE-2,6-DIONE * 3-HYDROXYXANTHINE ACETATE
MUTATION DATA AND REFERENCES:
oms-bcs 140 gm/L CNREA8 34,378,74
dnd-bcs 140 gm/L CNREA8 34,378,74

ZD8225000 XANTHINE, 1-HYDROXY-, DIHYDRATE
UPDT:8401 CAS: 64038-48-8 MW: 204.17 MOLFM: C5-H4-N4-O3 .2H2-O
SYN: 1-HYDROXYXANTHINE DIHYDRATE
TUMORIGENIC DATA AND REFERENCES:
2V02V10 scu-rat TDLo:1040 mg/kg/26W-I CNREA8 30,184,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZD8400000 XANTHINE, 3-HYDROXY-, HYDRATE
UPDT:8401 CAS: 64038-49-9 MW: 186.15 MOLFM: C5-H4-N4-O3 .H2-O
SYN: 3-HYDROXYXANTHINE * 3-HYDROXYXANTHINE HYDRATE
TUMORIGENIC DATA AND REFERENCES:
3V02L60V10 scu-rat TDLo:60 mg/kg/24W-I CNREA8 30,184,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
XANTHINE-3-N-OXIDE see: ZD8100000

ZD9150000 XANTHINE 7-N-OXIDE
UPDT:8401 CAS: 16870-90-9 MW: 168.13 MOLFM: C5-H4-N4-O3
SYN: 7-HYDROXYXANTHINE
TUMORIGENIC DATA AND REFERENCES:
2V01L60 ipr-rat TDLo:96 mg/kg/8W-I CNREA8 38,2038,78
3V02L60V10 scu-rat TDLo:96 mg/kg/8W-I CNREA8 38,2038,78
3V02L60V10 scu-rat TD :390 mg/kg/26W-I CNREA8 27,925,67
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:200 mg/kg ADTEAS 3,181,68
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
XANTHINE-x-N-OXIDE see: ZD8100000
XANTHINE, 1,3,7-TRIMETHYL see: EV6475000
XANTHINOL NIACINATE see: QT1500000
XANTHINOL NICOTINATE see: QT1500000
XANTHIOL see: TM2665000
XANTHIOL HYDROCHLORIDE see: TM2665000

ZD9615000 XANTHOFAGARINE
UPDT:8402 MW: 378.44 MOLFM: C19-H24-N-O7
TOXICITY DATA AND REFERENCES:
* scu-mus LD50:200 mg/kg APFRAD 9,479,51
XANTHOGEN, BIS(ETHYL- see: LQ7700000
XANTHOMEGNIN see: DU3123000
XANTHOMEGNINE see: DU3123000
XANTHOMYCIN A see: QI7610000
XANTHOPUCCINE see: DR9823000
XANTHOTHRICIN see: UW7875000
XANTHOTOXIN see: LV1400000
XANTHURENIC ACID see: UZ9275000
XANTHURENIC ACID-8-METHYL ETHER see: UZ9550000
XANTHURIC ACID see: UZ9275000
XANTOMICINA see: QI7610000
XANTURAT see: UR0785000
XARIL see: AM4375000
X465A SODIUM SALT see: FL7525000
XAVIN see: QT1500000
XAXA see: VO0700000
XB 2793 see: MT9190500
XB 2793 mixed with HELOXY WC68 see: MT9190600
XENBUCIN see: ES7400000
XENENE see: DU8050000
o-XENOL see: DV5775000

ZE1280000 XENON
UPDT:8312 CAS: 7440-63-3 MW: 131.30 MOLFM: Xe
SYN: UN 2036 (DOT) * UN 2591 (DOT) * XENON (DOT) * XENON, refrigerated liquid (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:NONFLAMMABLE GAS; LABEL:NONFLAMMABLE GAS CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
XENON (DOT) see: ZE1280000
XENON, refrigerated liquid (DOT) see: ZE1280000
XENYLAMIN (Czech) see: DU8925000
XENYLAMINE see: DU8925000
alpha-(p-XENYL)BUTYRIC ACID see: ES7400000
1-XENYL-3,3-DIMETHYLTRIAZIN (Czech) see: XX9580000
XENYTROPIUM BROMIDE see: CK2990000
XERAL see: TZ1225000
XERENE see: RQ3500000

ZE1482500 XEROMPHIS ULIGINOSA (Retz.) Maheswari, extract excluding roots
DEF:Indian plant belonging to the family RUBIACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2V30Y55 ipr-mus LD50:375 mg/kg IJEBA6 18,594,80
XE 340 see: FF5250100
XF-13-563 see: JT6485000

ZE1495100 X-FACTOR
UPDT:8406 CAS: 78643-18-2
SYN: TECHNICAL X-FACTOR
TOXICITY DATA AND REFERENCES:
3C08F12F17 orl-rat LD50:4174 mg/kg JPFCD2 17,241,82
3C08F12F19 orl-ckn LD50:599 mg/kg POSCAL 60,2599,81
XF 4175L see: FF5250100
m-XHQ see: MX5900000
XILENOLI (Italian) see: ZE5425000
XILIDINE (Italian) see: ZE8575000
XILOBAM see: YT8850000
XILOCAINA (Italian) see: AN7525000
XILOLI (Italian) see: ZE2100000

ZE1552000 XIMENIA AMERICANA Linn., extract excluding roots
DEF:Indian plant belonging to the family OLACACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: NAKIRA EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:750 mg/kg IJEBA6 11,43,73
XITIX see: CI7650000
XK 90 see: AH9680000
XK-62-2 see: WK2180000
XK-7G-1 see: NM7521490
XK-41-B1 see: OR8746830
XL 7 see: SN0525000
XL-50 see: SN5075000
XL-90 see: TY8400000
XL 1246 see: TQ3325000
XL 335-1 see: TQ3325000
XN see: QT1500000
XNM 68 see: TQ3325000
XO 440 see: TQ3325000
XOLAMIN see: UY0704600
XORU-OX see: AJ8050000
XP 71501 see: AT6970000
XPA see: AT4680000
XPN see: ZF0810000
X-539-R see: MD0880000
XS-89 see: FH5425000
XSA see: ZE4725000
XUMBRADIL see: UR8750000
X. VIRGINICA VENOM see: YX4181965
XX 212 see: TP2275991
XYCAINE see: AN7525000
XYCAINE HYDROCHLORIDE see: AN7600000
XYDURIL see: UE9480000
XYLAMIDE see: SA3680000
XYLAMINA (Italian) see: MA2830000
XYLAZINE CHLORIDE see: XJ0776350
XYLAZINE HYDROCHLORIDE see: XJ0776350

ZE2100000 XYLENE
UPDT:8412 CAS: 1330-20-7 MW: 106.18 MOLFM: C8-H10
SYN: BENZENE, DIMETHYL- * DIMETHYLBENZENE * KSYLEN (Polish) * NCI-C55232 * RCRA WASTE NUMBER U239 * UN 1307 (DOT) * VIOLET 3 * XILOLI (Italian) * XYLENE (DOT) * XYLENEN (Dutch) * XYLOL * XYLOL (DOT) * XYLOLE (German)
IRRITATION DATA AND REFERENCES:
eye-hmn 200 ppm JIHTAB 25,282,43
skn-rbt 100% MOD AMIHAB 14,387,56
skn-rbt 500 mg/24H MOD 28ZPAK -,24,72
eye-rbt 87 mg MLD AMIHAB 14,387,56
eye-rbt 5 mg/24H SEV 28ZPAK -,24,72
MUTATION DATA AND REFERENCES:
cyt-smc 1 mmol/tube HEREAY 33,457,47
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T46 ihl-rat TCLo:1000 mg/m3/24H (9-14D preg) TXCYAC 11,55,78
3T25T34T43 ihl-rat TCLo:50 mg/m3/6H (1-21D preg) JHEMA2 27,337,83
3T46T59T81 ihl-rat TCLo:50 mg/m3/6H (1-21D preg) JHEMA2 27,337,83
3T34T43T46 orl-mus TDLo:20600 ug/kg (6-15D preg) JTEHD6 9,97,82
1T25 orl-mus TDLo:31 mg/kg (6-15D preg) JTEHD6 9,97,82
2T81T86 ihl-mus TCLo:4000 ppm/6H (6-12D preg) TJADAB 28,22A,83
1T34 ihl-mus TCLo:2000 ppm/6H (6-12D preg) TJADAB 28,22A,83
TOXICITY DATA AND REFERENCES:
3D07D25J30 ihl-hmn TCLo:200 ppm JIHTAB 25,282,43
ihl-man LCLo:10000 ppm/6H BMJOAE 3,442,70
orl-rat LD50:4300 mg/kg AMIHAB 14,387,56
ihl-rat LC50:5000 ppm/4H NPIRI* 1,123,74
scu-rat LD50:1700 mg/kg NPIRI* 1,123,74
ipr-mus LD50:1570 ug/kg AGGHAR 18,109,60
2J30L03 ihl-gpg LCLo:450 ppm JIDHAN 10,261,28
2L03Y16 ipr-gpg LDLo:2000 mg/kg AIHAAP 35,21,74
ipr-mam LDLo:2000 mg/kg AJHYA2 7,276,27
REVIEW AND REFERENCES:
★ TLV-TWA 100 ppm; STEL 150 ppm DTLVS* 4,439,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 100 ppm (SCP-U) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO XYLENE recm std-air:TWA 100 ppm;CL 200 ppm/10M NTIS**

STATUS:
NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1501
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZE2190000 XYLENE (mixed)
DEF:Composition is NONAROMATICS .07%, TOLUENE .14%, ETHYL BENZENE 19.27%, p-XYLENE 7.84%m-XYLENE 65.01%, o-XYLENE 7.63%, C9 and AROMATICS .04% (TXAPA9 33,543,75)
UPDT:8408
SYN: AMSCO * AROMATIC HYDROCARBONS, mixed

TOXICITY DATA AND REFERENCES:

	ihl-rat LC50:6700 ppm/4H	TXAPA9 33,543,75
*	ihl-mus LCLo:50 gm/m3	85GMAT -,119,82
	ihl-cat LC50:9500 ppm/2H	TXAPA9 33,543,75

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1501

ZE2275000 m-XYLENE
UPDT:8411 CAS: 108-38-3 MW: 106.18 MOLFM: C8-H10
SYN: m-DIMETHYLBENZENE * 1,3-DIMETHYLBENZENE * UN 1307 (DOT) * 1,3-XYLENE * m-XYLENE (DOT) * m-XYLOL

IRRITATION DATA AND REFERENCES:

	skn-rbt 10 ug/24H open SEV	AIHAAP 23,95,62

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T24T34T46	ihl-rat TCLo:3000 mg/m3/24H (7-14D preg)	TXCYAC 18,61,80
1T43	orl-mus TDLo:12 mg/kg (12-15D preg)	APTOD9 19,A22,80
1T26	orl-mus TDLo:30 mg/kg (6-15D preg)	APTOD9 19,A22,80

TOXICITY DATA AND REFERENCES:

1F17	ihl-man TCLo:424 mg/m3/6H/6D	TOLED5 1000(Sp 1),74,80
*	orl-rat LD50:5000 mg/kg	AMIHAB 19,403,59
*	ihl-rat LCLo:8000 ppm/4H	AIHAAP 23,95,62
	ihl-mus LCLo:2010 ppm/24H	JPBAA7 46,95,38
	skn-rbt LD50:14100 mg/kg	AIHAAP 23,95,62

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: MUREAV 47(2),75,78	
★ TLV-TWA 100 ppm; STEL 150 ppm	DTLVS* 4,439,80

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO XYLENE recm std-air:TWA 100 ppm;CL 200 ppm/10M	NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1501
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1080-0368
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZE2450000 o-XYLENE
UPDT:8408 CAS: 95-47-6 MW: 106.18 MOLFM: C8-H10
SYN: o-DIMETHYLBENZENE * 1,2-DIMETHYLBENZENE * o-METHYLTOLUENE * UN 1307 (DOT) * 1,2-XYLENE * o-XYLENE (DOT) * o-XYLOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T31	ihl-rat TCLo:150 mg/m3/24H (7-14D preg)	TXCYAC 18,61,80
1T34	ihl-rat TCLo:1500 mg/m3/24H (7-14D preg)	TXCYAC 18,61,80
1T46	ihl-rat TCLo:3000 mg/m3/24H (7-14D preg)	TXCYAC 18,61,80

TOXICITY DATA AND REFERENCES:

*	orl-rat LDLo:5000 mg/kg	AMIHAB 19,403,59
	ihl-rat LCLo:6125 ppm/12H	JPBAA7 46,95,38
	ihl-mus LCLo:6920 ppm	AEPPAE 143,223,29

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: MUREAV 47(2),75,78	
★ TLV-TWA 100 ppm; STEL 150 ppm	DTLVS* 4,439,80

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO XYLENE recm std-air:TWA 100 ppm;CL 200 ppm/10M	NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1501
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZE2625000 p-XYLENE
UPDT:8408 CAS: 106-42-3 MW: 106.18 MOLFM: C8-H10
SYN: CHROMAR * p-DIMETHYLBENZENE * 1,4-DIMETHYLBENZENE * p-METHYLTOLUENE * SCINTILLAR * UN 1307 (DOT) * 1,4-XYLENE * p-XYLENE (DOT) * P-XYLOL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T34T19N17	ihl-rat TCLo:3000 mg/m3/24H (9-10D preg)	TXCYAC 19,263,81
2T31T46	ihl-rat TCLo:150 mg/m3/24H (7-14D preg)	TXCYAC 18,61,80
2T25T34	ihl-rat TCLo:3000 mg/m3/24H (7-14D preg)	TXCYAC 18,61,80
1T43	orl-mus TDLo:12 mg/kg (12-15D preg)	APTOD9 19,A22,80

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:5000 mg/kg	AMIHAB 19,403,59
3J16L30P20	ihl-rat LC50:4550 ppm/4H	36YFAG -,302,77
3J16L30P20	ipr-rat LD50:3810 mg/kg	36YFAG -,302,77
	ihl-mus LCLo:3460 ppm	AEPPAE 143,223,29

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: MUREAV 47(2),75,78	
★ TLV-TWA 100 ppm; STEL 150 ppm	DTLVS* 4,439,80

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.102,83
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO XYLENE recm std-air:TWA 100 ppm;CL 200 ppm/10M	NTIS**

STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 1501
REPORTED IN EPA TSCA INVENTORY, 1983
EPA TSCA 8(a) PRELIMINARY ASSESSMENT INFORMATION, FINAL RULE
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-1080-0368
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,2-XYLENE see: ZE2450000
1,3-XYLENE see: ZE2275000
1,4-XYLENE see: ZE2625000

ZE2800000 2,4-XYLENEARSONIC ACID
UPDT:7901 CAS: 64038-50-2 MW: 230.11 MOLFM: C8-H11-As-O3

TOXICITY DATA AND REFERENCES:

orl-rat LDLo:5 mg/kg	NCNSA6 5,13,53

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug(As)/m3	FEREAC 39,23540,74

ZE2975000 2,5-XYLENEARSONIC ACID
UPDT:7901 CAS: 64038-51-3 MW: 230.11 MOLFM: C8-H11-As-O3

TOXICITY DATA AND REFERENCES:

orl-rat LDLo:5 mg/kg	NCNSA6 5,13,53

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug(As)/m3	FEREAC 39,23540,74

ZE3100000 x,x-XYLENEARSONIC ACID
UPDT:7901 CAS: 64047-32-1 MW: 230.11 MOLFM: C8-H11-As-O3

TOXICITY DATA AND REFERENCES:

orl-rat LDLo:10 mg/kg	NCNSA6 5,13,53

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug(As)/m3	FEREAC 39,23540,74

ZE3150000 2,4-XYLENEARSONIC ACID,MAGNESIUM
UPDT:7901 MW: 252.40 MOLFM: C8-H9-AS-O3 .Mg

TOXICITY DATA AND REFERENCES:

orl-rat LDLo:10 mg/kg	NCNSA6 5,13,53

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 500 ug(As)/m3	FEREAC 39,23540,74

XYLENE BLACK F see: QJ5950000
XYLENE BLUE VS see: BP6830000
XYLENE BLUE VSG see: BQ4550000

ZE3850000 XYLENE, BROMO-
UPDT:8312 CAS: 28258-59-5 MW: 185.08 MOLFM: C8-H9-Br
SYN: BROMURE DE XYLYLE (French) * UN 1701 (DOT) * XYLYL BROMIDE * XYLYL BROMIDE (DOT)

TOXICITY DATA AND REFERENCES:

ihl-hmn LCLo:75 ppm/10M	NTIS** PB214-270

STANDARDS & REGULATIONS:

★ DOT-HAZARD:IRRITATING MATERIAL; LABEL:IRRITANT	CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:POISON	CFRGBR 49,172.102,83

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

m-XYLENE, 5-tert-BUTYL-2,4,6-TRINITRO- see: CZ7210000
m-XYLENE-alpha,alpha'-DIAMINE see: PF8970000

ZE4055000 XYLENE, alpha,alpha'-DICHLORO-
UPDT:8408 CAS: 28347-13-9 MW: 175.06 MOLFM: C8-H8-Cl2
SYN: BENZENE, BIS(CHLOROMETHYL)- (9CI) * BIS(CHLOROMETHYL)BENZENE * DICHLOROXYLYLENE * alpha,alpha'-DICHLOROXYLENE * XYLYLENE CHLORIDE * XYLYLENE DICHLORIDE

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:1 gm/kg	85GMAT -,26,82
*	ihl-rat LC50:200 mg/m3/4H	85GMAT -,26,82
*	orl-mus LD50:470 mg/kg	85GMAT -,26,82
*	ihl-mus LC75:75 mg/m3/2H	85GMAT -,26,82

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZE4400000 m-XYLENE-alpha,alpha'-DIOL, alpha'-((tert-BUTYLAMINO)METHYL)-4-HYDROXY-
XYLYLENE CHLORIDE see: ZE4055000 XYLENE, alpha,alpha'-DICHLORO-
UPDT:8411 CAS: 18559-94-9 MW: 239.35 MOLFM: C13-H21-N-O3
SYN: AEROLIN * AH 3365 * ALBUTEROL * 1,3-BENZENEDIMETHANOL, alpha-1-(((1,1-DIMETHYLETHYL)AMINO)METHYL)-4-HYDROXY- * BRONCOVALEAS * 2-(tert-BUTYLAMINO)-1-(4-HYDROXY-3-HYDROXYMETHYLPHENYL)ETHANOL * alpha'-((tert-BUTYLAMINO)METHYL)-4-HYDROXY-m-XYLENE-alpha,alpha'-DIOL * 4-HYDROXY-3-HYDROXYMETHYL-alpha-((tert-BUTYLAMINO)METHYL)BENZYL ALCOHOL * PROVENTIL * SALBUTAMOL * SOLBUTAMOL * SULTANOL * VENETLIN * VENTOLIN * m-XYLENE-alpha,alpha-DIOL, alpha-1-((tert-BUTYLAMINO)METHYL)-4-HYDROXY-

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T13	orl-wmn TDLo:160 ug/kg (1D pre)	RDCNBM 5,31,81
1T39	ivn-rat TDLo:3600 ug/kg (16-20D preg)	DPTHDL 4(Suppl 1),150,82

TOXICITY DATA AND REFERENCES:

3F11F13G10	orl-chd TDLo:1850 ug/kg	BMJOAE 282,1932,81
3G04G10H07	ivn-hmn TDLo:6 ug/kg	BMJOAE 1,365,76
*	ipr-rat LD50:295 mg/kg	IYKEDH 4,193,73
*	ivn-rat LD50:59100 ug/kg	IYKEDH 4,193,73
	orl-mus LD50:4224 mg/kg	ARZNAD 30,276,80
*	ipr-mus LD50:239 mg/kg	IYKEDH 4,193,73
*	scu-mus LD50:737 mg/kg	IYKEDH 4,193,73
*	ivn-mus LD50:48700 ug/kg	IYKEDH 4,193,73
	orl-pig LD50:4839 mg/kg	ARZNAD 30,276,80
	ivn-pig LD50:76 mg/kg	ARZNAD 30,276,80

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

m-XYLENE-alpha,alpha-DIOL, alpha-1-((tert-BUTYLAMINO)METHYL)-4-HYDROXY- see: ZE4400000
XYLYLENE DICHLORIDE see: ZE4055000 XYLENE, alpha,alpha'-DICHLORO-
XYLENE (DOT) see: ZE2100000
m-XYLENE (DOT) see: ZE2275000
o-XYLENE (DOT) see: ZE2450000
p-XYLENE (DOT) see: ZE2625000

ZE4550800 m-XYLENE, 4-(EPOXYETHYL)-
UPDT:8405 MW: 148.22 MOLFM: C10-H12-O
SYN: 3,5-DIMETHYLSTYRENE OXIDE * OXIRANE, (3,5-DIMETHYLPHENYL)-

MUTATION DATA AND REFERENCES:

sce-hmn:lym 1 mmol/L	MUREAV 116,379,83

ZE4551000 1,2-XYLENE, 4-(EPOXYETHYL)-
UPDT:8403 CAS: 1855-36-3 MW: 148.22 MOLFM: C10-H12-O
SYN: 3,4-DIMETHYL STYRENE OXIDE * 4-(EPOXYETHYL)-1,2-XYLENE * OXIRENE, (3,4-DIMETHYLPHENYL)-(9CI)

MUTATION DATA AND REFERENCES:

mmo-esc 2 mmol/L	CMSHAF 7,737,78
dnr-esc 1 mmol/L	CMSHAF 7,737,78
pic-esc 2300 umol/L	CBINAB 35,71,81
msc-ham:lng 200 umol/L	CMSHAF 8,369,79

STATUS:
★ IN EPA GENETIC TOXICOLOGY PROGRAM, 1984

XYLENE FAST ORANGE G see: QJ6500000
XYLENE FAST YELLOW ES see: DB5C42500
XYLENE FAST YELLOW GT see: UQ6400000
XYLENE MILLING YELLOW SH see: DV3910000
XYLENEN (Dutch) see: ZE2100000

ZE4682000 XYLENE, NITRO-
UPDT:8308 CAS: 25168-04-1 MW: 151.18 MOLFM: C8-H9-N-O2
SYN: NA 1665 (DOT) * NITRODIMETHYLBENZENE * NITROXYLENE * NITROXYLOL (DOT)

TOXICITY DATA AND REFERENCES:

orl-rat LD50:2440 mg/kg	MarJV# 29MAR77

STANDARDS & REGULATIONS:

★ DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172.101,82

ZE4684000 m-XYLENE, NITRO-
UPDT:8312 MW: 151.18 MOLFM: C8-H9-N-O2
SYN: NITRO-m-XYLENE (DOT) * UN 1665 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:POISON	CFRGBR 49,172.102,83

ZE4686400 o-XYLENE, NITRO-
UPDT:8312 MW: 151.18 MOLFM: C8-H9-N-O2
SYN: NITRO-o-XYLENE (DOT) * UN 1665 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:POISON	CFRGBR 49,172.102,83

ZE4686500 p-XYLENE, NITRO-

UPDT:8312 MW: 151.18 MOLFM: C8-H9-N-O2

SYN: NITRO-p-XYLENE (DOT) * UN 1665 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:POISON B; LABEL:POISON	CFRGBR 49,172.102,83

ZE4725000 XYLENESULFONIC ACID

UPDT:8305 CAS: 25321-41-9 MW: 186.24 MOLFM: C8-H10-O3-S

SYN: XSA

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:500 mg/kg	14CYAT 2,1841,63

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

ZE5100000 XYLENESULFONIC ACID, SODIUM SALT

UPDT:8412 CAS: 1300-72-7 MW: 209.23 MOLFM: C8-H10-O3-S.Na

SYN: BENZENESULFONIC ACID, DIMETHYL-, SODIUM SALT * CONCO SXS * CYCLOPHIL SXS30 * ELTESOL SX 30 * HYDROTROPE * NAXONATE * NAXONATE G * NCI-C55403 * SODIUM DIMETHYLBENZENESULFONATE * SODIUM XYLENESULFONATE * STEPANATE X * ULTRAWET 40SX

STATUS:

NTP CARCINOGENESIS STUDIES; ON TEST, OCTOBER 1984

REPORTED IN EPA TSCA INVENTORY, 1983

ZE5425000 XYLENOL

CAS: 1300-71-6 MW: 122.18 MOLFM: C8-H10-O

SYN: DIMETHYLPHENOL * PHENOL, DIMETHYL- * UN 2261 (DOT) * XILENOLI (Italian) * XYLENOL (DOT) * XYLENOLEN (Dutch)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORM-A; LABEL:NONE	CFRGBR 49,172.101,82
★ DOT-IMO:POISON B; LABEL:POISON	CFRGBR 49,172.102,83

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

m-XYLENOL see: ZE5600000

p-XYLENOL see: ZE5775000

ZE5600000 2,4-XYLENOL

UPDT:8408 CAS: 105-67-9 MW: 122.18 MOLFM: C8-H10-O

SYN: 2,4-DIMETHYLPHENOL * 4,6-DIMETHYLPHENOL * 1-HYDROXY-2,4-DIMETHYLBENZENE * RCRA WASTE NUMBER U101 * m-XYLENOL

TUMORIGENIC DATA AND REFERENCES:

2V01R60	skn-mus TDLo:16 gm/kg/39W-I	CNREA8 19,413,59

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:3200 mg/kg	GTPZAB 18(2),58,74
	skn-rat LD50:1040 mg/kg	GTPZAB 18(2),58,74
	orl-mus LD50:809 mg/kg	GTPZAB 18(2),58,74
*	skn-mus LD50:1040 mg/kg	85GMAT -,119,82
*	ipr-mus LD50:183 mg/kg	JMCMAR 18,868,75
1F04	ivn-mus LD50:100 mg/kg	JMCMAR 23,1350,80

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZE5775000 2,5-XYLENOL

UPDT:8408 CAS: 95-87-4 MW: 122.18 MOLFM: C8-H10-O

SYN: 2,5-DIMETHYLPHENOL * 3,6-DIMETHYLPHENOL * 2,5-DMP * 6-METHYL-m-CRESOL * p-XYLENOL * 1,2,5-XYLENOL

TUMORIGENIC DATA AND REFERENCES:

2V03R60	skn-mus TDLo:4000 mg/kg/20W-I	CNREA8 19,413,59

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:444 mg/kg	GTPPAF 8,145,72
	orl-mus LD50:383 mg/kg	HYSAAV 33(9),329,68
	orl-rbt LD50:938 mg/kg	HYSAAV 33(9),329,68

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZE6125000 2,6-XYLENOL

UPDT:8408 CAS: 576-26-1 MW: 122.18 MOLFM: C8-H10-O

SYN: 2,6-DIMETHYLPHENOL * 2,6-DMP

IRRITATION DATA AND REFERENCES:

	eye-rbt 100 mg	IHFCAY 6,1,67

TUMORIGENIC DATA AND REFERENCES:

2V03R60	skn-mus TDLo:4000 mg/kg/20W-I	CNREA8 19,413,59

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:296 mg/kg	GTPPAF 8,145,72
	orl-mus LD50:980 mg/kg	GTPZAB 18(2),58,74
	skn-mus LD50:920 mg/kg	GTPZAB 18(2),58,74
	ipr-mus LD50:150 mg/kg	NTIS** AD691-490
2F01F04	ivn-mus LD50:80 mg/kg	JMCMAR 23,1350,80
	orl-rbt LD50:700 mg/kg	HYSAAV 33(9),329,68
	skn-rbt LD50:1000 mg/kg	IHFCAY 6,1,67

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZE6300000 3,4-XYLENOL

UPDT:8408 CAS: 95-65-8 MW: 122.18 MOLFM: C8-H10-O

SYN: 3,4-DIMETHYLPHENOL * 4,5-DIMETHYLPHENOL * 3,4-DMP * 1,3,4-XYLENOL

TUMORIGENIC DATA AND REFERENCES:

2V03R60	skn-mus TDLo:4000 mg/kg/20W-I	CNREA8 19,413,59

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:727 mg/kg	GTPPAF 8,145,72
	orl-mus LD50:400 mg/kg	HYSAAV 33(9),329,68
	orl-rbt LD50:800 mg/kg	HYSAAV 33(9),329,68

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZE6475000 3,5-XYLENOL

UPDT:8408 CAS: 108-68-9 MW: 122.18 MOLFM: C8-H10-O

SYN: 3,5-DIMETHYLPHENOL * 3,5-DMP * 1,3,5-XYLENOL

IRRITATION DATA AND REFERENCES:

	eye-rbt 726 ug SEV	AJOPAA 29,1363,46

TUMORIGENIC DATA AND REFERENCES:

2V03R60	skn-mus TDLo:4000 mg/kg/20W-I	CNREA8 19,413,59

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:608 mg/kg	GTPPAF 8,145,72
	orl-mus LD50:477 mg/kg	HYSAAV 33(9),329,68
*	ipr-mus LD50:156 mg/kg	JMCMAR 18,868,75
	orl-rbt LD50:1313 mg/kg	HYSAAV 33(9),329,68

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

1,2,5-XYLENOL see: ZE5775000

1,3,4-XYLENOL see: ZE6300000

1,3,5-XYLENOL see: ZE6475000

ZE6650000 4,5-XYLENOL, 2-AMINO-

UPDT:8401 CAS: 6623-41-2 MW: 137.20 MOLFM: C8-H11-N-O

SYN: 2-AMINO-4,5-DIMETHYLPHENOL * 2-AMINO-4,5-XYLENOL

TUMORIGENIC DATA AND REFERENCES:

2V01M60	imp-mus TDLo:80 mg/kg	BJCAAI 11,212,57

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: AEHLAU 23,6,71

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZE6825000 2,4-XYLENOL, 6-tert-BUTYL-

UPDT:8305 CAS: 1879-09-0 MW: 178.30 MOLFM: C12-H18-O

SYN: 6-t-BUTYL-2,4-DIMETHYLPHENOL * 6-t-BUTYL-2,4-XYLENOL * PRODOX 340

TOXICITY DATA AND REFERENCES:

	orl-mus LD50:530 mg/kg	JAPMA8 38,366,49
	orl-rbt LDLo:55 mg/kg	JAPMA8 38,366,49
	skn-gpg LDLo:7100 mg/kg	JAPMA8 38,366,49
	orl-gpg LDLo:420 mg/kg	JAPMA8 38,366,49

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

3,5-XYLENOL, 4-(DIALLYLAMINO)-, METHYLCARBAMATE (ester) see: FB8400000

ZE7250000 3,5-XYLENOL, 4-(DIMETHYLAMINO)-

UPDT:8401 CAS: 6120-10-1 MW: 165.26 MOLFM: C10-H15-N-O

SYN: 4-DIMETHYLAMINO-3,5-XYLENOL

TUMORIGENIC DATA AND REFERENCES:

3V03J60L60	orl-mus TDLo:33 gm/kg/78W-I	NTIS** PB223-159

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

3,5-XYLENOL, 4-(DIMETHYLAMINO)-, METHYLCARBAMATE see: FC0700000

2,6-XYLENOL, 4-alpha,alpha-DIMETHYLBENZYL-alpha,alpha'-DIPIPERIDINO-, DIHYDROBROMIDE see: SJ7800000

ZE7420000 2,5-XYLENOL, 4,6-DINITRO-

UPDT:8305 CAS: 15968-56-6 MW: 212.18 MOLFM: C8-H8-N2-O5

SYN: 4,6-DINITRO-2,5-XYLENOL

TOXICITY DATA AND REFERENCES:

*	ivn-mus LD50:180 mg/kg	CSLNX* NX#02510

XYLENOL (DOT) see: ZE5425000

XYLENOLEN (Dutch) see: ZE5425000

3,5-XYLENOL, 4-(METHYLSULFONYL)-, METHYLCARBAMATE see: FC5250000

3,5-XYLENOL, 4-(METHYLTHIO)-, O-ESTER with O,O-DIETHYL PHOSPHOROTHIOATE see: TF4200000

3,5-XYLENOL, 4-(METHYLTHIO)-, METHYLCARBAMATE see: FC5775000

XYLESTESIN see: AN7525000

XYLESTESIN HYDROCHLORIDE see: AN7600000

2,6-XYLIDIDE of 2-PYRIDONE-3-CARBOXYLIC ACID see: US4600000

2,6-XYLIDID der 2-PYRIDON-3-CARBOXYLSAURE (German) see: US4600000

ZE8575000 XYLIDINE

UPDT:8404 CAS: 1300-73-8 MW: 121.20 MOLFM: C8-H11-N

SYN: ACID LEATHER BROWN 2G * ACID ORANGE 24 * AMINODIMETHYLBENZENE * 11460 BROWN * DIMETHYLANILINE * DIMETHYLPHENYLAMINE * RESORCINE BROWN J * RESORCINE BROWN R * UN 1711 (DOT) * XILIDINE (Italian) * XYLIDINE (DOT) * XYLIDINEN (Dutch)

TOXICITY DATA AND REFERENCES:

	orl-rat LDLo:610 mg/kg	JIHTAB 31,1,49
	ivn-cat LDLo:120 mg/kg	JIHTAB 31,1,49
	orl-rbt LDLo:620 mg/kg	JIHTAB 31,1,49
	ivn-rbt LDLo:240 mg/kg	JIHTAB 31,1,49

REVIEW AND REFERENCES:

★ TLV-TWA 2 ppm; STEL 10 ppm (skin)	DTLVS* 4,440,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 5 ppm (skin) (SCP-L)	FEREAC 39,23540,74
★ DOT-IMO:POISON B; LABEL:POISON	CFRGBR 49,172.102,83

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 168, VOL 3 S162

'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

REPORTED IN EPA TSCA INVENTORY, 1983

m-XYLIDINE see: ZE8925000

o-XYLIDINE see: ZE8750000

o-XYLIDINE see: ZE9275000

p-XYLIDINE see: ZE9100000

m-4-XYLIDINE see: ZE8925000

ZE8750000 2,3-XYLIDINE

UPDT:8408 CAS: 87-59-2 MW: 121.20 MOLFM: C8-H11-N

SYN: BENZENAMINE, 2,3-DIMETHYL- (9CI) * 2,3-DIMETHYLANILINE * 2,3-DIMETHYLBENZENAMINE * 2,3-DIMETHYLPHENYLAMINE * o-XYLIDINE * 2,3-XYLYLAMINE

MUTATION DATA AND REFERENCES:

	mma-sat 5 umol/plate	MUREAV 77,317,80

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:933 mg/kg	NTIS** PB214-270
	orl-mus LD50:1072 mg/kg	NTIS** PB214-270

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 168, VOL 3 S162

'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

REPORTED IN EPA TSCA INVENTORY, 1983

ZE8925000 2,4-XYLIDINE

UPDT:8408 CAS: 95-68-1 MW: 121.20 MOLFM: C8-H11-N

SYN: 1-AMINO-2,4-DIMETHYLBENZENE * 4-AMINO-1,3-DIMETHYLBENZENE * 4-AMINO-3-METHYLTOLUENE * 4-AMINO-1,3-XYLENE * ANILINE, 2,4-DIMETHYL- * 2,4-DIMETHYLANILINE * 2,4-DIMETHYLBENZENAMINE * 2,4-DIMETHYLPHENYLAMINE * 2-METHYL-p-TOLUIDINE * 4-METHYL-o-TOLUIDINE * m-XYLIDINE * m-4-XYLIDINE

MUTATION DATA AND REFERENCES:

	mma-sat 5 umol/plate	MUREAV 77,317,80
	dni-mus-orl 200 mg/kg	MUREAV 46,305,77

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:467 mg/kg	NTIS** PB214-270
	orl-mus LD50:250 mg/kg	NTIS** PB214-270

REVIEW AND REFERENCES:

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 16,367,78

STATUS:

'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 168, VOL 3 S162

'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985

REPORTED IN EPA TSCA INVENTORY, 1983

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZE9100000 2,5-XYLIDINE

UPDT:8408 CAS: 95-78-3 MW: 121.20 MOLFM: C8-H11-N

SYN: 1-AMINO-2,5-DIMETHYLBENZENE * 3-AMINO-1,4-DIMETHYLBENZENE * 2-AMINO-1,4-XYLENE * ANILINE, 2,5-DIMETHYL- * 2,5-DIMETHYLANILINE * 2,5-DIMETHYLBENZENAMINE * 2,5-DIMETHYLPHENYLAMINE * 5-METHYL-o-TOLUIDINE * 6-METHYL-m-TOLUIDINE * p-XYLIDINE

MUTATION DATA AND REFERENCES:

	mma-sat 1 umol/plate	MUREAV 77,317,80
	dni-mus-orl 200 mg/kg	MUREAV 46,305,77

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:1297 mg/kg	NTIS** PB214-270
	orl-mus LD50:841 mg/kg	NTIS** PB214-270

BEST COPY

REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 16,377,78
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 168, VOL 3 S162
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

ZE9275000 2,6-XYLIDINE
UPDT:8412 CAS: 87-62-7 MW: 121.20 MOLFM: C8-H11-N
SYN: ANILINE, 2,6-DIMETHYL- * 2,6-DIMETHYLANILINE * 2,6-DIMETHYLBENZENAMINE * NCI-C56188 * o-XYLIDINE * 2,6-XYLYLAMINE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:840 mg/kg TXAPA9 22,153,72
orl-mus LD50:707 mg/kg NTIS** PB214-270
STATUS:
NTP CARCINOGENESIS STUDIES; TEST COMPLETED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 168, VOL 3 S162
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

ZE9450000 3,4-XYLIDINE
UPDT:8408 CAS: 95-64-7 MW: 121.20 MOLFM: C8-H11-N
SYN: ANILINE, 3,4-DIMETHYL * BENZENAMINE, 3,4-DIMETHYL- (9CI) * 3,4-DIMETHYLAMINOBENZENE * 3,4-DIMETHYLANILINE * 3,4-DIMETHYLPHENYLAMINE * 3,4-XYLYLAMINE
MUTATION DATA AND REFERENCES:
mma-sat 500 nmol/plate MUREAV 77,317,80
dni-mus-ipr 100 mg/kg MUREAV 46,305,77
TOXICITY DATA AND REFERENCES:
orl-rat LD50:812 mg/kg AMRL** TR-72-62,72
orl-mus LD50:707 mg/kg NTIS** PB214-270
orl-bwd LD50:5 mg/kg TXAPA9 21,315,72
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 168, VOL 3 S162
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

ZE9625000 3,5-XYLIDINE
UPDT:8408 CAS: 108-69-0 MW: 121.20 MOLFM: C8-H11-N
SYN: 3,5-DIMETHYLANILINE * 3,5-DIMETHYLBENZENAMINE * 3,5-DIMETHYLPHENYLAMINE * 3,5-XYLYLAMINE
TOXICITY DATA AND REFERENCES:
orl-rat LD50:707 mg/kg NTIS** PB214-270
orl-mus LD50:421 mg/kg NTIS** PB214-270
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 1 168, VOL 3 S162
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
REPORTED IN EPA TSCA INVENTORY, 1983

ZE9705000 2,4-XYLIDINE, alpha(sup 4)-(p-AMINOPHENYL)-alpha(sup 4)-(4-IMINO-2,5-CYCLOHEXADIEN- 1-YLIDENE)-
UPDT:8403 CAS: 3248-93-9 MW: 301.42 MOLFM: C20-H19-N3
SYN: C.I. BASIC VIOLET 14, FREE BASE * C.I. SOLVENT RED 41 * FUCHSIN (basic) * FUCHSINE BASE * FUCHSINE HF BASE * MAGENTA BASE * ROSANILINE BASE * WAXOLINE RED A
IRRITATION DATA AND REFERENCES:
skn-hmn 3 mg/3D-I MLD 85DKA8 -,127,77
MUTATION DATA AND REFERENCES:
dnr-bcs 2 mg/disc TRENAF 27,153,76
TOXICITY DATA AND REFERENCES:
orl-rbt LDLo:150 mg/kg CRSBAW 138,201,44
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

3,4-XYLIDINE, 2,6-DINITRO-N-(1-ETHYLPROPYL)- see: BX5470000
XYLIDINE (DOT) see: ZE8575000
m-XYLIDINE HYDROCHLORIDE see: ZF0175000
m-4-XYLIDINE HYDROCHLORIDE see: ZF0175000
para-XYLIDINE HYDROCHLORIDE see: ZF0350000

ZF0175000 2,4-XYLIDINE, HYDROCHLORIDE
UPDT:8401 CAS: 21436-96-4 MW: 157.66 MOLFM: C8-H11-N .Cl-H
SYN: 1-AMINO-2,4-DIMETHYLBENZENE HYDROCHLORIDE * 4-AMINO-1,3-DIMETHYLBENZENE HYDROCHLORIDE * 4-AMINO-3-METHYLTOLUENE HYDROCHLORIDE * 4-AMINO-1,3-XYLENE HYDROCHLORIDE * 2,4-DIMETHYLANILINE HYDROCHLORIDE * 2,4-DIMETHYLBENZENAMINE HYDROCHLORIDE * 4-METHYL-o-TOLUIDINE HYDROCHLORIDE * 2-METHYL-p-TOLUIDINE HYDROCHLORIDE * m-XYLIDINE HYDROCHLORIDE * m-4-XYLIDINE HYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
2V02J60 orl-mus TDLo:12 gm/kg/78W-C JEPTDQ 2(2),325,78
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1259 mg/kg JPETAB 167,223,69
ipr-rat LD50:545 mg/kg NCIBR* NCI-E-68-1311,10,73
ipr-mus LD50:420 mg/kg NCIBR* NCI-E-68-1311,10,73
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 16,367,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZF0350000 2,5-XYLIDINE, HYDROCHLORIDE
UPDT:8401 CAS: 51786-53-9 MW: 157.66 MOLFM: C8-H11-N .Cl-H
SYN: 1-AMINO-2,5-DIMETHYLBENZENE HYDROCHLORIDE * 3-AMINO-1,4-DIMETHYLBENZENE HYDROCHLORIDE * 5-AMINO-1,4-DIMETHYLBENZENE HYDROCHLORIDE * 2-AMINO-4-METHYLTOLUENE HYDROCHLORIDE * 2-AMINO-1,4-XYLENE HYDROCHLORIDE * 2,5-DIMETHYL ANILINE HYDROCHLORIDE * 2,5-DIMETHYLANILINE HYDROCHLORIDE * 2,5-DIMETHYLBENZENAMINE HYDROCHLORIDE * 5-METHYL-o-TOLUIDINE HYDROCHLORIDE * 6-METHYL-m-TOLUIDINE HYDROCHLORIDE * para-XYLIDINE HYDROCHLORIDE
TUMORIGENIC DATA AND REFERENCES:
2V03R60 orl-rat TDLo:124 gm/kg/78W-C JEPTDQ 2(2),325,78
3V01H60L60 orl-mus TDLo:390 gm/kg/78W-C JEPTDQ 2(2),325,78
2V03R60 orl-rat TD :248 gm/kg/78W-C JEPTDQ 2(2),325,78
2V01L60 orl-mus TD :780 gm/kg/78W-C JEPTDQ 2(2),325,78
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:770 mg/kg NCIBR* NCI-E-68-1311,10,73
ipr-mus LD50:800 mg/kg NCIBR* NCI-E-68-1311,10,73
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED IARC** 16,377,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZF0480000 2,4-XYLIDINE, N,N'-(METHYLIMINODIMETHYLIDYNE)BIS-
UPDT:8411 CAS: 33089-61-1 MW: 293.45 MOLFM: C19-H23-N3
SYN: AMITRAZ * AMITRAZ ESTRELLA * AZADIENO * BAAM * BOOTS BTS 27419 * BTS 27,419 * 1,5-DI(2,4-DIMETHYLPHENYL-3-METHYL-1,3,5-TRIAZAPENTA-1,4-DIENE * N'-(2,4-DIMETHYLPHENYL)-N-(((2,4-DIMETHYLPHENYL)IMINO)METHYL)-N-METHYLMETHANIMIDAMIDE * ENT 27967 * METHANIMIDAMIDE, N'-(2,4-DIMETHYLPHENYL)-N-(((2,4-DIMETHYLPHENYL)IMINO)METHYL)-N-METHYL- * N-METHYL-BIS(2,4-XYLYLIMINOMETHYL)AMINE * 2-METHYL-1,3-DI(2,4-XYLYLIMINO)-2-AZAPROPANE * N-METHYL-N'-2,4-XYLYL-N-(N-2,4-XYLYLFORMIMIDOYL)FORMAMIDINE * MITAC * R.D. 27419 * TAKTIC * TRIATOX * U-36059 * UPJOHN U-36059
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:400 mg/kg MEIEDD 10,73,83
orl-dog LD50:100 mg/kg SPEADM 78-1,22,78
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

XYLIDINEN (Dutch) see: ZE8575000
XYLIDINE PONCEAU see: QJ6825000
XYLIDINE PONCEAU 3RS see: QJ6825000
XYLIDINE RED see: QJ6825000
4-(((2,4,6-XYLIDINO)CARBONYL)METHYL)-1-PIPERAZINECARBOXYLIC ACID ETHYL ESTER see: TL1495000
(4-(3-((2-(2,6-XYLIDINO)ETHYL)AMINO)-2-HYDROXYPROPOXY)PHENYL)UREA HYDROCHLORIDE see: YU4985000
XYLITE see: ZF0800000
XYLITE (SUGAR) see: ZF0800000

ZF0800000 XYLITOL
UPDT:8402 CAS: 87-99-0 MW: 152.17 MOLFM: C5-H12-O5
SYN: KLINIT * XYLITE * XYLITE (SUGAR)
TOXICITY DATA AND REFERENCES:
1K30 orl-mus LD50:22 gm/kg TOLED5 18(Suppl 1),37,83
ipr-mus LDLo:22100 mg/kg RPTOAN 34,124,71
ivn-mus LD50:3770 mg/kg RPTOAN 34,124,71
1Y53 ivn-rbt LD50:4000 mg/kg FEPRA7 31,726,72
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

ZF0810000 XYLITOL, PENTANICOTINATE, HYDROCHLORIDE
UPDT:8306 MW: 714.13 MOLFM: C35-H27-N5-O10 .Cl-H
SYN: CHLORHYDRATE de PENTANICOTINATE de XYLITOL (French) * PNX (French) * XPN * XYLITOL, PENTA-3-PYRIDINECARBOXYLATE, HYDROCHLORIDE (9CI)
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:4300 mg/kg THERAP 27,1107,72
* orl-mus LD50:5500 mg/kg THERAP 27,1107,72

XYLITOL, PENTA-3-PYRIDINECARBOXYLATE, HYDROCHLORIDE (9CI) see: ZF0810000
L-XYLOASCORBIC ACID see: CI7650000
XYLOCAIN see: AN7525000
XYLOCAINE see: AN7525000
XYLOCAINE HYDROCHLORIDE see: AN7600000
XYLOCARD see: AN7600000
XYLOCITIN see: AN7525000
XYLOCITIN HYDROCHLORIDE see: AN7600000
XYLOCOPA VIRGINICA VENOM see: YX4181965
m-XYLOHYDROQUINONE see: MX5900000
2,6-XYLOHYDROQUINONE see: MX5900000
XYLOIDIN see: QW0970000
XYLOL see: ZE2100000
m-XYLOL see: ZE2275000
o-XYLOL see: ZE2450000
P-XYLOL see: ZE2625000
XYLOL (DOT) see: ZE2100000
XYLOLE (German) see: ZE2100000
XYLONEURAL see: AN7600000
XYLOPININE CITRATE see: DR9810000
2,6-XYLOQUINOL see: MX5900000
o-XYLOQUINONE see: DK4790000
p-XYLOQUINONE see: DK4800000
XYLOTOX see: AN7525000
XYLOTOX HYDROCHLORIDE see: AN7600000
2,3-XYLYLAMINE see: ZE8750000
2,6-XYLYLAMINE see: ZE9275000
3,4-XYLYLAMINE see: ZE9450000
3,5-XYLYLAMINE see: ZE9625000
N-(2,3-XYLYL)-2-AMINOBENZOIC ACID see: CB4550000
N-(2,3-XYLYL)ANTHRANILIC ACID see: CB4550000
1-XYLYLAZO-2-NAPHTHOL see: QL5850000
1-XYLYLAZO-2-NAPHTHOL see: QL5950000
1-(o-XYLYLAZO)-2-NAPHTHOL see: QL5850000
1-(2,4-XYLYLAZO)-2-NAPHTHOL see: QL5850000
1-(2,5-XYLYLAZO)-2-NAPHTHOL see: QL5950000
1-XYLYLAZO-2-NAPHTHOL-3,6-DISULFONIC ACID, DISODIUM SALT see: QJ6825000
1-(2,4-XYLYLAZO)-2-NAPHTHOL-3,6-DISULFONIC ACID, DISODIUM SALT see: QJ6825000
1-XYLYLAZO-2-NAPHTHOL-3,6-DISULPHONIC ACID, DISODIUM SALT see: QJ6825000
1-(2,4-XYLYLAZO)-2-NAPHTHOL-3,6-DISULPHONIC ACID, DISODIUM SALT see: QJ6825000
1-(2,4-XYLYL)BIGUANIDE MONOHYDROCHLORIDE see: DU2848000
1-(2,5-XYLYL)BIGUANIDE MONOHYDROCHLORIDE see: DU2848100
XYLYL BROMIDE see: ZE3850000
XYLYL BROMIDE (DOT) see: ZE3850000
m-XYLYLENDIAMIN (Czech) see: PF8970000
2,3-XYLYL ESTER of CARBAMIC ACID see: FD1996000
2,5-XYLYL ESTER of CARBAMIC ACID see: FD1997000
3,4-XYLYL ESTER of CARBAMIC ACID see: FD1998000
3,5-XYLYL ESTER of CARBAMIC ACID see: FD1999000
2-(2,6-XYLYLIMINO)OXAZOLIDINE see: RQ2320000
3,4-XYLYL METHYLCARBAMATE see: FC8750000
3,4-XYLYL N-METHYLCARBAMATE, nitrosated see: FC6636000
N'-(2,4-XYLYL)-N-METHYLFORMAMIDINE HYDROCHLORIDE see: LQ4593400
Y 2 see: FD9100000
Y 3 see: FD8050000
Y-4 see: UQ6400000
3Y9 see: KK4950000
Y-238 see: TR8050000
Y-3310 see: CL5569000
Y-3642 see: XJ9088300
Y-4153 see: HN8575000
Y 6047 see: XJ9040000
Y-6124 see: UA8500000
Y-7131 see: XZ6158300
Y-8004 see: DJ3100950
YADALAN see: DK9450000
YALAN see: CM2625000
YALOVA see: QA2820000
YALOVA, combustion products see: AT6975000
YALTOX see: FB9450000
YAMACLEAN M see: AG1780000
YAMAMOTO METHYLENE BLUE B see: SO5600000
YAMAMOTO METHYLENE BLUE ZF see: SO5600000
YANGONIN see: UQ1225200
YANOCK see: AC1225000
YASOKNOCK see: AH9100000

ZF6117000 YATANOSID
UPDT:8308 MW: 474.56 MOLFM: C22-H34-O11
SYN: YATEMIN
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50:15 mg/kg 85GDA2 8(2),174,82

YATEMIN see: ZF6117000
YATREN see: VC2800000
YATROCIN see: LT7700000
YATROZIDE see: NS1925000
YAZUMYCIN A see: NJ5830900
YC 93 see: US7972100

ZF6550000 YEAST, (active)
UPDT:8308
SYN: YEAST, ACTIVE, IN LIQUID FORM (DOT) * YEAST, ACTIVE, IN PRESSED FORM (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-C; LABEL:NONE   CFRGBR 49,172.101,82

YEAST, ACTIVE, IN LIQUID FORM (DOT) see: ZF6550000
YEAST, ACTIVE, IN PRESSED FORM (DOT) see: ZF6550000
YEH-YAN-KU see: UQ9820000
YELLON see: VC2800000
YELLOW see: HO7030000
1310 YELLOW see: UQ6400000
1351 YELLOW see: QK2450000
1409 YELLOW see: UQ6400000
1899 YELLOW see: QK2450000
11363 YELLOW see: DB7329500
11824 YELLOW see: LM5425000
12417 YELLOW see: LM5425000
YELLOW AB see: QM4725000
YELLOW CROSS LIQUID see: WQ0900000
YELLOW CUPROCIDE see: GL8050000
YELLOW EMB see: GD0197800
YELLOW EMBL see: GD0197800
YELLOW FERRIC OXIDE see: NO7400000
YELLOW G SOLUBLE in GREASE see: BX7350000
YELLOW LAKE 69 see: UQ6400000
YELLOW LEAD OCHER see: OG1750000
YELLOW MERCURIC OXIDE see: OW8750000
YELLOW MERCURY IODIDE see: OW5075000
YELLOW NO. 2 see: QM4725000
YELLOW NO. 5 see: UQ6400000
YELLOW NO. 6 see: QK2450000
YELLOW NO. 5 FDC see: UQ6400000
YELLOW OB see: QM5400000
YELLOW ORANGE S see: QK2450000
YELLOW ORANGE S SPECIALLY PURE see: QK2450000
YELLOW ORANGE SPECIALLY PURE 85 see: QK2450000
YELLOW OXIDE of IRON see: NO7400000
YELLOW OXIDE of MERCURY see: OW8750000
YELLOW PHOSPHORUS see: TH3500000
1903 YELLOW PINK see: LM5850000
YELLOW POLAKTIN G see: GE5170000
YELLOW PRECIPITATE see: OW8750000
YELLOW PYOCTANINE see: BY3500000
YELLOW RELITON G see: AC3662000
YELLOW SF FOR FOOD see: QK2450000
YELLOW SUN see: QK2450000
YELLOW SY FOR FOOD see: QK2450000
YELLOW ULTRAMARINE see: GB2750000
YELLOW Z see: AC3662000
YERMONIL see: RC8945400
YESDOL see: TM4970500
YESPAZINE see: TL9730000
YETRAZOL see: XF8225000
YH 1 see: RQ2975000

ZF9116000 YLANG YLANG OIL
UPDT:8403   CAS: 8006-81-3
SYN: CANANGA OIL
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MLD   FCTXAV 12,1015,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

YL 704 B(sub 1) see: OH4730600
YLESTOL see: RC8925000
YM 09330 see: XI0330600
YM-08054-1 see: QE5210000
YM 09330 see: XI0330800
YM-11170 see: UA2300000
YOBIR see: UA5425000
YOCLO see: UE9480000
YODOCHROME METANIL YELLOW see: DB7329500
YODOCHROME ORANGE A see: VO5310000
YODOMIN see: TI4375000
YOHIMBAN-16-CARBOXYLIC ACID derivative of BENZ(g)INDOLO(2,3-a)QUINOLIZINE see: ZG0350000

ZF9380000 3-beta,20-alpha-YOHIMBAN-16-beta-CARBOXYLIC ACID, 1-(2-(DIETHYLAMINO)ETHYL)-18-beta-HYDROXY- 11,17-alpha-DIMETHOXY-, METHYL ESTER, 3,4,5-TRIMETHOXYBENZOATE (ester)
UPDT:8403   CAS: 53-18-9   MW: 707.95   MOLFM: C39-H53-N3-O9
SYN: BIETASERPINE * N-DIAETHYLAMINOAETHYL-RESERPIN (German) * 1-(2-(DIETHYLAMINO)ETHYL)RESERPINE * DL 152
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:236800 ug/kg   85ESA3 9,159,76
orl-dog LD50:20 mg/kg   85ESA3 9,159,76

ZF9385000 3-beta,20-alpha-YOHIMBAN-16-beta-CARBOXYLIC ACID, 1-(2-(DIETHYLAMINO)ETHYL)-18-beta-HYDROXY- 11,17-alpha-DIMETHOXY-, METHYL ESTER, 3,4,5-TRIMETHOXYBENZOATE (ester), TARTRATE
UPDT:8403   CAS: 1111-44-0   MW: 858.05   MOLFM: C39-H53-N3-O9 .C4-H6-O6
SYN: BIETASERPINE BITARTRATE * 1-(2-(DIETHYLAMINO)ETHYL)RESERPINE BITARTRATE * D. L. 152 * TENSIBAR
TOXICITY DATA AND REFERENCES:
orl-mus LD50:620 mg/kg   ARZNAD 14,1040,64
ipr-mus LD50:430 mg/kg   ARZNAD 14,1040,64
ivn-mus LD50:215 mg/kg   ARZNAD 14,1040,64

ZF9400000 YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-((3,5-DIMETHOXY-4-(1-METHYLETHYL)BENZOYL) OXY)-, METHYL ESTER, (3-beta,16-beta,17-alpha,18-beta,20-alpha)-
UPDT:8303   CAS: 55729-39-0   MW: 620.81   MOLFM: C35-H44-N2-O8
SYN: L-11318
TOXICITY DATA AND REFERENCES:
1F25   orl-mus LD50:156 mg/kg   PSSCBG 11,555,80

ZF9410000 YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-((3,5-DIMETHOXY-4-(1-METHYLPROPYL)BENZOYL) OXY)-, METHYL ESTER, (3-beta,16-beta,17-alpha,18-beta,20-alpha)-
UPDT:8303   CAS: 55729-37-8   MW: 634.84   MOLFM: C36-H46-N2-O8
SYN: L-11316
TOXICITY DATA AND REFERENCES:
1F25   orl-mus LD50:81 mg/kg   PSSCBG 11,555,80

ZF9420000 YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-(((3,5-DIMETHOXY-4-PROPYL)BENZOYL)OXY)-, METHYL ESTER, (3-beta,16-beta,17-alpha,18-beta,20-alpha)-
UPDT:8307   MW: 887.00   MOLFM: C35-H44-N21-O8
SYN: L-19246
TOXICITY DATA AND REFERENCES:
1F25   orl-mus LD50:37 mg/kg   PSSCBG 11,555,80

ZF9430000 3-beta,20-alpha-YOHIMBAN-16-beta-CARBOXYLIC ACID, 18-beta-HYDROXY-11,17-alpha-DIMETHOXY-, METHYL ESTER, (E)-4-HYDROXY-3-METHOXYCINNAMATE (ester)
UPDT:8303   MW: 590.73   MOLFM: C33-H38-N2-O8
SYN: RESCIMETOL
TOXICITY DATA AND REFERENCES:
•   ipr-rat LD50:210 mg/kg   NIIRDN 6,AAP-21,82
•   ipr-mus LD50:189 mg/kg   NIIRDN 6,APP-21,82

ZF9890000 3-beta,20-alpha-YOHIMBAN-16-beta-CARBOXYLIC ACID, 18-beta-HYDROXY-11,17-alpha-DIMETHOXY-, METHYL ESTER
UPDT:8303   CAS: 2901-66-8   MW: 414.55   MOLFM: C23-H30-N2-O5
SYN: METHYL RESERPATE * METHYL RESERPINOLATE * MR * RESERPATE de METHYLE (French)
TOXICITY DATA AND REFERENCES:
•   orl-rat LD50:479 mg/kg   FRXXBL #2390163
•   orl-mus LD50:210 mg/kg   FRXXBL #2390163
•   ivn-mus LD50:48 mg/kg   FRXXBL #2390163
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZG0175000 3-beta,20-alpha-YOHIMBAN-16-beta-CARBOXYLIC ACID, 18-beta-HYDROXY-11,17-alpha-DIMETHOXY-, METHYL ESTER, ESTER with 4-HYDROXY-3,5-DIMETHOXYBENZOIC ACID ETHYL CARBONATE
UPDT:8303   CAS: 84-36-6   MW: 666.79   MOLFM: C35-H42-N2-O11
SYN: BENZOIC ACID, 4-HYDROXY-3,5-DIMETHOXY-, ETHYL CARBONATE, ester with METHYL RESERPATE * CARBETHOXYSYRINGOYL METHYLRESERPATE * ETROPRES * IPORES * ISOTENSE * MENATENSINA * METHYL CARBETHOXYSYRINGOYL RESERPATE * METHYL RESERPATE, 4-ETHOXYCARBONYL-3,5-DIMETHOXYBENZOIC ACID ESTER * METHYL RESERPATE ester of SYRINGIC ACID ETHYL CARBONATE * NEORESERPAN * NOVOSERPINA * RAUNOVA * RESERPIC ACID, METHYL ESTER, ester with 4-HYDROXY-3,5-DIMETHOXYBENZOIC ACID ETHYL CARBONATE * REVELOX-WIRKSTOFF * SERINGINA * SERPAGON * SINGOSERP * SIRINGAL * SIRINGINA * SIRINGONE * SIRISERPIN * SU 3118 * SYRINGIC ACID ETHYL CARBONATE ester with METHYL RESERPATE * SYROSINGOPIN * SYRINGOPINE * SYROSINGOPINE * VEGASERPINA
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T29   scu-rat TDLo:10 mg/kg (1D pre)   ENDOAO 78,225,66
1T29   unk-mus TDLo:10 mg/kg (1D pre)   AJOGAH 83,1405,62
TOXICITY DATA AND REFERENCES:
•   ipr-rat LD50:286 mg/kg   NIIRDN 6,365,82
ivn-rat LD50:50 mg/kg   PSEBAA 76,847,51
•   orl-mus LD50:1293 mg/kg   NIIRDN 6,365,82
•   ipr-mus LD50:101 mg/kg   NIIRDN 6,365,82
•   scu-mus LD50:281 mg/kg   NIIRDN 6,365,82
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZG0350000 3-beta,20-alpha-YOHIMBAN-16-beta-CARBOXYLIC ACID, 18-beta-HYDROXY-11,17-alpha-DIMETHOXY-, METHYL ESTER, 3,4,5-TRIMETHOXYBENZOATE (ESTER)
UPDT:8412   CAS: 50-55-5   MW: 608.73   MOLFM: C33-H40-N2-O9
SYN: ABESTA * ABICOL * ADELFAN * ADELPHANE * ADELPHIN * ADELPHIN-ESIDREX-K * ALKARAU * ALKASERP * ALSERIN * ANQUIL * APOPLON * APSICAL * ARCUM R-S * ASCOSERP * ASCOSERPINA * AUSTRAPINE * BANASIL * BANISIL * BENAZYL * BENDIGON * BIOSERPINE * BRINDERDIN * BRISERINE * BROSERPINE * BUTISERPAZIDE-25 * BUTISERPAZIDE-50 * BUTISERPINE * CARDITIVO * CARDIOSERPIN * CARRSERP * CRYSTOSERPINE * DAREBON * DESERPINE * DIUPRES * DIUTENSEN-R * DRENUSIL-R * DYPERTANE COMPOUND * EBERPINE * EBERSPINE * EBSERPINE * ELFANEX * ELSERPINE * ENIPRESSER * ENT 50146 * ESCASPERE * ESERPINE * ESKASERP * GAMMASERPINE * GILUCARD * GAMASERPIN * H 520 * HELFOSERPIN * HEXAPLIN * HIPOSERPIL * HISERPIA * HYDROMOX R * HYDROPRES * HYDROPRES KA * HYGROTON-RESERPINE * HYPERCAL B * HYPERTANE FORTE * HYPERTENSAN * IDOSERP * IOSOSERP * INTERPINA * KEY-SERPINE * KITINE * KLIMANOSID * L CARPSERP * LEMISERP * LOWESERP * MARNITENSION SIMPLE * MAVISERPIN * MAYSERPINE * MEPHASERPIN * METATENSIN * METHYLRESERPATE 3,4,5-TRIMETHOXYBENZOIC ACID * METHYL RESERPATE 3,4,5-TRIMETHOXYBENZOIC ACID ESTER * MIO-PRESSIN * MODENOL * NAQUIVAL * NCI-C50157 * NEMBU-SERPIN * NEO-ANTITENSOL * NEO-ANTITERSOL * NEOSERFIN * NEO-SERP * NEOSLOWTEN * ORTHOSERPINA * PERSKLERAN * PRESSIMEDIN * PURSERPINE * QUIESCIN * RAUCAP * RAUDIFORD * RAUDIXIN * RAUDIXOID * RAUGAL * RAULEN * RAULOYCIN * RAULOYDIN * RAUMORINE * RAUNERVIL * RAUNORINE * RAUNORMIN ORZAN * RAUNOVA * RAUPASIL * RAUPOID * RAURINE * RAUSAN * RAU-SED * RAUSEDAN * RAUSEDIL * RAUSEDYL * RAUSERPEN-ALK * RAUSERPIN * RAUSERPIN-ALK * RAUSERPINE * RAUSERPOL * RAUSINGLE * RAUTRIN * RAUVILID * RAUVLID * RAUWASEDIN * RAUWILID * RAUWILOID * RAUWIIOID * RAUWIPUR * RAUWOLEAF * RAUWOPUR RYK * RAWILID * RECIPIN * REGROTON * RENESE R * R-E-S * RESALTEX * RESEDIN * RESEDRIL * RESEDREX * RESE-LAR * RESER-AR * RESERBAL * RESERCAPS * RESERCEN * RESERCRINE * RESERFIA * RESERJEN * RESERLOR * RESERP * RESERPAL * RESERPAMED * RESERPANCA * RESERPENE * RESERPEX * RESERPIDEFE * RESERPIL * RESERPIN * RESERPINA * RESERPINE * RESERPINUM * RESERPKA * RESERPOID * RESERPUR * RESERP WANDER * RESERSANA * RESERUTIN * RESIATRIC * RESIDINE * RESINE * RESOCALM * RESOMINE * RESPERIN * RESPERINE * RESPITAL * RESTRAN * REZERPIN * RISERPA * RIVASED * RIVASIN * ROLSERP * ROXEL * ROXINOID * ROXYNOID * RYSER * SALUPRES * SALUTENSIN * SANDRIL * SANDRON * SARPAGAN * SARPAGEN * SEDARAUPIN * SEDARAUPINA * SEDA-RECIPIN * SEDA SALUREPIN * SEDERAUPIN * SEDSERP * SEOMINAL * SERFIN * SERFOLIA * SEROLFIA * SERP * SERP AFD * SERPALAN * SERPALOID * SERPANEURONA * SERPANRAY * SERPASIL * SERPASIL APRESOLINE * SERPASIL-ESIDREX * SERPASIL-ESIDREX NO. 1 * SERPASIL-ESIDREX NO. 2 * SERPASIL-ESIDREX K * SERPASIL PREMIX * SERPASOL * SERPATE * SERPATONE * SERPAX * SERPAZIL * SERPAZOL * SERPEDIN * SERPEN * SERPENA * SERPENTIL * SERPENTIN * SERPENTINA * SERPENTINE (PHARBIL) * SERPICON * SERPIL * SERPILOID * SERPILUM * SERPINE * SERPIPUR * SERPINE (PHARMACEUTICAL) * SERPIVITE * SERPLEX K * SERPOGEN * SERPOID * SERPONE * SERPRESAN * SERPYRIT * SERTABS * SERTENS * SERTENSIN * SERTINA * SINESALIN COMPOSITION * SOLFO SERPINE * SUPERGAN * TEFASERPINA * TEMPO-RESERPINA * TEMPOSERPINE * TENDOSCEN-COMPR. * TENSANYL * TENSERLIX * TRISERPIN * TENSERPINE (ASSIA) * TENSERPINIE * TENSIONAL * TENSIONORME * TEPSERPINE * TERBOLAN * TRANSERPIN * 3,4,5-TRIMETHOXYBENZOYL METHYL RESERPATE * T-SERP * TYLANDRIL * UNILORD * UNITENSEN * SK-RESERPINE * USAF CB-27 * VERILOID * VIO-SERPINE * V-SERP * YOHIMBAN-16-CARBOXYLIC ACID derivative of BENZ(g)INDOLO(2,3-a)QUINOLIZINE
MUTATION DATA AND REFERENCES:
dns-sat 1 ug   ECEBDI 50,271,82
dnd-esc 20 umol/L   MUREAV 89,95,81
otr-rat:emb 2200 ng/plate   JJATDK 1,190,81
cyt-mus-ipr 30 mg/kg/48H   PCJOAU 12,298,78
dlt-mus-ipr 200 ug/kg   KHFZAN 12(3),19,78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T75T77   ivn-wmn TDLo:200 ug/kg (39W preg)   AJDCAI 90,286,55
1T71   unk-wmn TDLo:4800 ug/kg (32-39W preg)   AGPSA3 2,646,60
1T21   orl-rat TDLo:11130 ug/kg (21D male)   NATUAS 200,585,63
1T24   orl-rat TDLo:17500 mg/kg (3-9D preg)   PSEBAA 100,555,59
1T14   orl-rat TDLo:6 mg/kg (60D pre)   CRSBAW 156,587,62
1T22   orl-rat TDLo:21217 ug/kg (30W pre)   CRSBAW 156,587,62
3T71T81T85   ipr-rat TDLo:700 ug/kg (8-14D preg)   PEDIAU 27,318,61
2T31T35   ipr-rat TDLo:2500 ug/kg (19D preg)   NISFAY 30,161,78
1T14   scu-rat TDLo:1 mg/kg (1D pre)   ENDOAO 65,563,59

- TOXICITY DATA HAVE NOT BEEN EVALUATED.
OMISSION OF A SUBSTANCE OR NOTATION DOES NOT IMPLY ANY RELIEF FROM REGULATORY RESPONSIBILITY.

2T02T03	scu-rat TDLo:1250 ug/kg (5D male)	JRPFA4 28,177,72
1T85	scu-rat TDLo:400 ug/kg (11-14D preg)	EXNEAC 6,263,62
1T81	scu-rat TDLo:400 ug/kg (5-8D preg)	NATUAS 215,182,67
1T83	scu-rat TDLo:3 mg/kg (13-15D preg)	JPETAB 197,293,76
1T12	scu-rat TDLo:2 mg/kg (12-17D preg)	PRGLBA 9,75,75
1T29	scu-rat TDLo:400 ug/kg (1D pre)	ENDOAO 78,225,66
2T47T83	scu-rat TDLo:4 mg/kg (16-19D preg)	TJADAB 27,35A,83
3T42T25T34	ims-rat TDLo:800 ug/kg (9D preg)	PSEBAA 118,857,65
3T43T19U01	ims-rat TDLo:800 ug/kg (9D preg)	PSEBAA 118,857,65
1T46	ims-rat TDLo:1 mg/kg (9D preg)	PSEBAA 118,857,65
1T41	ims-rat TDLo:1500 ug/kg (10D preg)	PSEBAA 118,857,65
1T24	par-rat TDLo:9 mg/kg (1-9D preg)	15QWAW -,290,65
2T02T21	unk-rat TDLo:3750 ug/kg (15D male)	ANENAG 23,281,62
1T35	unk-rat TDLo:50 mg/kg (8D preg)	AKGIAO 43(12),10,67
1T29	ipr-mus TDLo:10 mg/kg (1D preg)	JRPFA4 13,345,67
1T29	scu-mus TDLo:120 ug/kg (1D pre)	JOENAK 35,161,66
1T29	par-mus TDLo:400 ug/kg (1D pre)	FESTAS 12,346,61
1T13	par-mus TDLo:3200 ug/kg (1D pre)	FESTAS 12,346,61
1T29	unk-mus TDLo:1600 ug/kg (1D pre)	AJOGAH 83,1405,62
1T14	scu-mky TDLo:100 mg/kg (14W pre)	SCIFAS 124,726,56
2T71T75	scu-gpg TDLo:170 ug/kg (35-68D preg)	AJOGAH 92,711,65
2T77T83	scu-gpg TDLo:340 ug/kg (35-68D preg)	AJOGAH 92,711,65

TUMORIGENIC DATA AND REFERENCES:

2V01R60	orl-wmn TDLo:456 ug/kg/Y-C	LANCAO 2,672,74
3V01L60P62	orl-rat TDLo:54 mg/kg/77W-C	COREAF 254,1535,62
3V01R60U01	orl-mus TDLo:433 mg/kg/2Y-C	NCITR* NCI-CG-TR-193,80
3V01N61R60	orl-rat TD :216 mg/kg/2Y-C	NCITR* NCI-CG-TR-193,80
2V02R60	orl-wmn TD :73 mg/kg/2Y-C	LANCAO 2,672,74
2V02A60	orl-wmn TD :24 mg/kg/13Y-C	LANCAO 2,672,74
2V02R60	orl-wmn TD :16 mg/kg/3Y-C	LANCAO 2,672,74

TOXICITY DATA AND REFERENCES:

1F25	orl-rat LD50:420 mg/kg	PSSCBG 11,555,80
1A11	ipr-rat LD50:44 mg/kg	AIPTAK 110,20,57
	ivn-rat LD50:15 mg/kg	27ZQAG -,111,72
1F25	orl-mus LD50:200 mg/kg	PSSCBG 11,555,80
*	ipr-mus LD50:5 mg/kg	EJMCA5 10,519,75
	scu-mus LD50:52 mg/kg	RPTOAN 31,53,68
	ivn-mus LD50:21 mg/kg	ARZNAD 14,1040,64
	ivn-dog LD50:500 ug/kg	27ZIAQ -,234,73
1U26	ipr-rbt LD50:7 mg/kg	JDGRAX 6(3),19,74
	ivn-rbt LD50:15 mg/kg	27ZQAG -,111,72
*	scu-gpg LD50:65 mg/kg	AIPTAK 137,375,62
	ivn-gpg LDLo:17 mg/kg	THERAP 15,663,60
	orl-bwd LD50:100 mg/kg	TXAPA9 21,315,72

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CLPTAT 5,480,64; ADVPA3 4,263,66

★ CARCINOGENIC REVIEW:ANIMAL SUSPECTED	IARC** 24,211,80
★ CARCINOGENIC REVIEW:HUMAN SUSPECTED	IARC** 24,211,80
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 10,217,76
★ CARCINOGENIC REVIEW:HUMAN INDEFINITE	IARC** 10,217,76

STATUS:

★ CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:MOUSE, RAT (NCITR* NCI-CG-TR-193,80)

★ NTP THIRD ANNUAL REPORT ON CARCINOGENS, 1982

REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZG0525000 3-beta,20-alpha-YOHIMBAN-16-beta-CARBOXYLIC ACID, 18-beta-HYDROXY-10,17-alpha-DIMETHOXY-, METHYL ESTER, 3,4,5-TRIMETHOXYBENZOATE (ester)

UPDT:8401 CAS: 865-04-3 MW: 608.73 MOLFM: C33-H40-N2-O9

SYN: CANESCINE 10-METHOXYDERIVATIVE * DEASERPYL * DECASERPIL * DECASERPINE * DECASERPYL * DECASERPYL PLUS * DECOSERPYL * DESERPIDINE, 10-METHOXY- * 10-MD * METHOSERPEDINE * METHOSERPIDINE * 10-METHOXYDESERPIDINE * 10-METHOXY-11-DESMETHOXYRESERPINE * MINORAN * R 694

TUMORIGENIC DATA AND REFERENCES:

2V02K61	orl-wmn TDLo:438 mg/kg/7Y-C	LANCAO 2,672,74
2V02D09	orl-wmn TD :1168 mg/kg/7Y-C	LANCAO 2,672,74
2V02R60	orl-wmn TD :1752 mg/kg/6Y-C	LANCAO 2,672,74

TOXICITY DATA AND REFERENCES:

	ipr-mus LD50:82 mg/kg	JPPMAB 12,677,60
	ivn-gpg LDLo:52 mg/kg	THERAP 15,663,60

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZG0600000 3-beta,20-alpha-YOHIMBAN-16-beta-CARBOXYLIC ACID, 18-beta-HYDROXY-11,17-alpha-DIMETHOXY- METHYL ESTER 3,4,5-TRIMETHOXYBENZOATE (ester), PHOSPHATE

UPDT:8310 CAS: 1263-94-1 MW: 1294.75 MOLFM: C33-H40-N2-O9 .xH3-O4-P

SYN: RESERPINE PHOSPHATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T17T71T81	scu-rat TDLo:400 ug/kg (11-14D preg)	JNEUAY 4,87,62
2T76T81	scu-rat TDLo:400 ug/kg (11-14D preg)	JNEUAY 4,87,62

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZG0700000 3-beta,20-alpha-YOHIMBAN-16-beta-CARBOXYLIC ACID, 18-beta-HYDROXY-11,17-alpha-DIMETHOXY-, METHYL ESTER, 3,4,5-TRIMETHOXYCINNAMATE (ester)

UPDT:8305 CAS: 24815-24-5 MW: 634.78 MOLFM: C35-H42-N2-O9

SYN: ANAPRAL * ANAPREL * CINAMINE * CINATABS * METHYL RESERPATE 3,4,5-TRIMETHOXYCINNAMIC ACID ESTER * METHYL 18-O-(3,4,5-TRIMETHOXYCINNAMOYL) RESERPATE * MODERIL * NORMORESCINA * RAUPYROL * RAURESCINE * RECINNAMINE * RECITENSINA * RESCALOID * RESCAMIN * RESCIDAN * RESCIN * RESCINNAMINE * RESCINPAL * RESCISAN * RESCITENS * RESERPINENE * RESERPINOR * RESERPINAMID * RESIPAL * RESKINNAMIN * SCINNAMINA * TENAMINE * TRIMETHOXYCINNAMOYL METHYL RESERPATE * 3,4,5-TRIMETHYLCINNAMIC ACID, ester with METHYL RESERPATE * 3,4,5-TRIMETHYLCINNAMOYL METHYL RESERPATE * TUARIO

TOXICITY DATA AND REFERENCES:

3D07F07F25	orl-hmn TDLo:4 ug/kg/D	34ZIAG -,517,69
*	orl-rat LD50:1000 mg/kg	NIIRDN 6,898,82
*	ipr-rat LD50:250 mg/kg	NIIRDN 6,898,82
*	scu-rat LD50:540 mg/kg	NIIRDN 6,898,82
	orl-mus LD50:1420 mg/kg	27ZQAG -,109,72
*	ipr-mus LD50:505 mg/kg	NIIRDN 6,898,82
*	scu-mus LD50:440 mg/kg	NIIRDN 6,898,82
*	ivn-mus LD50:56 mg/kg	CSLNX* NX#00965

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZG0875000 3-beta,20-alpha-YOHIMBAN-16-beta-CARBOXYLIC ACID, 18-beta-HYDROXY-17-alpha-METHOXY-, METHYL ESTER, 3,4,5-TRIMETHOXYBENZOATE (ester)

UPDT:8308 CAS: 131-01-1 MW: 578.72 MOLFM: C32-H38-N2-O8

SYN: A-11025 * CANESCON * CANESCINE * 11-DEMETHOXYRESERPINE * DERESPERINE * DESERPIDIN * DESERPIDINE * DESERPINE * DESMETHOXYRESERPINE * 11-DESMETHOXYRESERPINE * ENDURONYL * HARMONYL * LILLY 22641 * RAUNORINE * RAUNORMIN * RAUNORMINE * RECANESCIN * RECANESCINE * RESERPIDINE * TRANQUINIL

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T26	unk-rat TDLo:4950 mg/kg (6-16D preg)	CRSBAW 155,2291,61
1T29	unk-mus TDLo:1600 ug/kg (1D pre)	AJOGAH 83,1405,62

TUMORIGENIC DATA AND REFERENCES:

2V02R60	orl-wmn TDLo:16 mg/kg/9Y-C	LANCAO 2,672,74
3V01L60P62	orl-rat TDLo:54 mg/kg/77W-C	COREAF 254,1535,62

TOXICITY DATA AND REFERENCES:

	ivn-rat LD50:15 mg/kg	27ZQAG -,104,72
	orl-mus LD50:500 mg/kg	JAPMA8 44,688,55
	ipr-mus LD50:60 mg/kg	JAPMA8 44,688,55

REVIEW AND REFERENCES:

TOXICOLOGY REVIEW: CLPTAT 5,480,64; ADVPA3 4,263,66

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZG0900000 YOHIMBAN-16-CARBOXYLIC ACID, 18-((3-(4-HYDROXY-3-METHOXYPHENYL)-1-OXO-2-PROPENYL)OXY)- 11,17-DIMETHOXY-, METHYL ESTER, (3-beta,16-beta,17-alpha,18-beta,20-alpha)-

UPDT:8406 CAS: 35440-49-4 MW: 590.73 MOLFM: C33-H38-N2-O8

SYN: CD-3400 * METHYL O-(4-HYDROXY-3-METHOXYCINNAMOYL)RESERPATE

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

1T02	orl-rat TDLo:14400 mg/kg (30D male)	OYYAA2 14,983,77
3T25T26T35	orl-rat TDLo:1600 mg/kg (1-8D preg)	OYYAA2 18,105,79
1T34	orl-rat TDLo:800 mg/kg (1-8D preg)	OYYAA2 18,105,79
1T46	orl-rat TDLo:400 mg/kg (1-8D preg)	OYYAA2 18,105,79
2T31T72	orl-rat TDLo:2 gm/kg (8-17D preg)	OYYAA2 18,105,79
1T12	orl-rat TDLo:1825 mg/kg (52W preg)	OYYAA2 18,71,79
2T25T35	orl-rbt TDLo:330 mg/kg (7-17D preg)	OYYAA2 18,105,79

STATUS:

MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

YOHIMBAN-16-CARBOXYLIC ACID, 17-HYDROXY-, METHYL ESTER, (16-beta,17-alpha,20-alpha)-(9CI) see: ZG1005000

ZG1000000 YOHIMBAN-16-alpha-CARBOXYLIC ACID, 17-alpha-HYDROXY-, METHYL ESTER

UPDT:8403 CAS: 146-48-5 MW: 354.49 MOLFM: C21-H26-N2-O3

SYN: APHRODINE * APHROSOL * CORYNINE * 17-HYDROXYYOHIMBAN-16-CARBOXYLIC ACID METHYL ESTER * QUEBRACHIN * QUEBRACHINE * YOHIMBIC ACID METHYL ESTER * YOHIMBIN * YOHIMBINE

TOXICITY DATA AND REFERENCES:

1F25	orl-mus LD50:51 mg/kg	PSSCBG 11,555,80
	scu-mus LDLo:200 mg/kg	HBAMAK 4,1418,35
	ivn-mus LDLo:16 mg/kg	AIPTAK 50,241,35
	scu-dog LDLo:20 mg/kg	LDBU** -,3,32
	orl-cat LD50:43 mg/kg	ARZNAD 5,432,55
	ipr-cat LD50:16 mg/kg	ARZNAD 5,432,55
	scu-cat LD50:37 mg/kg	ARZNAD 5,432,55
	scu-rbt LDLo:50 mg/kg	HBAMAK 4,1418,35
	ivn-rbt LDLo:11 mg/kg	HBAMAK 4,1418,35

ZG1005000 20-alpha-YOHIMBAN-16-beta-CARBOXYLIC ACID, 17-alpha-HYDROXY-, METHYL ESTER

UPDT:8403 CAS: 131-03-3 MW: 354.49 MOLFM: C21-H26-N2-O3

SYN: CORYNANTHIDINE * 17-alpha-HYDROXY-20-alpha-YOHIMBAN-16-beta-CARBOXYLIC ACID METHYL ESTER * ISOYOHIMBINE * alpha-ISOYOHIMBINE * MESOYOHIMBINE * RAUWOLSCINE * YOHIMBAN-16-CARBOXYLIC ACID, 17-HYDROXY-, METHYL ESTER, (16-beta,17-alpha,20-alpha)-(9CI) * alpha-YOHIMBINE * meso-YOHIMBINE

TOXICITY DATA AND REFERENCES:

3F07F12F17	ipr-rat LD50:50 mg/kg	AIPTAK 134,447,61
3F07F12F17	ipr-mus LD50:80 mg/kg	AIPTAK 134,447,61

ZG1015000 YOHIMBAN-16-alpha-CARBOXYLIC ACID, 17-alpha-HYDROXY-, METHYL ESTER, HYDROCHLORIDE

UPDT:8305 CAS: 65-19-0 MW: 390.95 MOLFM: C21-H26-N2-O3 .Cl-H

SYN: APHRODINE HYDROCHLORIDE * YOHIMBINE HYDROCHLORIDE * YOHIMBINE MONOHYDROCHLORIDE

TOXICITY DATA AND REFERENCES:

2A11E04	ipr-rat LD50:55 mg/kg	AIPTAK 110,20,57
	orl-mus LDLo:50 mg/kg	LDBU** -,3,32
	scu-dog LDLo:20 mg/kg	LDBU** -,3,32
	scu-frg LD50:34 mg/kg	CRSBAW 137,305,43

STATUS:

REPORTED IN EPA TSCA INVENTORY, 1983

ZG1038000 YOHIMBAN-16-beta-CARBOXYLIC ACID, 17-alpha-HYDROXY-, METHYL ESTER, SULFATE (salt)

UPDT:8402 MW: 452.57 MOLFM: C21-H26-N2-O3 .H2-O4-S

SYN: CORYNANTHINE SULFATE * SULFATE de CORYNANTHINE (French)

TOXICITY DATA AND REFERENCES:

3F11F12F13	ipr-mus LD50:350 mg/kg	APFRAD 13,372,55

ZG1039000 YOHIMBAN-16-alpha-CARBOXYLIC ACID, 17-alpha-HYDROXY-, METHYL ESTER, 3,4,5-TRIMETHOXYBENZOATE

UPDT:8402 MW: 548.69 MOLFM: C31-H36-N2-O7

SYN: ESTER TRIMETHOXY-3,4,5 BENZOIQUE de YOHIMBINE (French)

TOXICITY DATA AND REFERENCES:

3F11F12F13	ipr-mus LD50:200 mg/kg	APFRAD 13,372,55

ZG1227000 YOHIMBAN, 15,16,17,18,19,20-HEXAHYDRO-18-HYDROXY-17-METHOXY, PROPIONATE, METHANESULFONATE

UPDT:8305 MW: 487.59 MOLFM: C23-H24-N2-O3 .C-H3-S-O4

SYN: 15,16,17,18,19,20-HEXAHYDRO-18-HYDROXY-17-METHOXY-YOHIMBAN PROPIONATE METHANESULFONATE * R315

TOXICITY DATA AND REFERENCES:

1A11	orl-rat LD50:600 mg/kg	AIPTAK 110,20,57
1A11	ipr-rat LD50:210 mg/kg	AIPTAK 110,20,57
1A11	ipr-mus LD50:290 mg/kg	AIPTAK 110,20,57

YOHIMBIC ACID METHYL ESTER see: ZG1000000

YOHIMBIN see: ZG1000000

YOHIMBINE see: ZG1000000

alpha-YOHIMBINE see: ZG1005000

delta-YOHIMBINE see: AX7875000

meso-YOHIMBINE see: ZG1005000

YOHIMBINE HYDROCHLORIDE see: ZG1015000

YOHIMBINE MONOHYDROCHLORIDE see: ZG1015000

YOMESAN see: VN8400000

YOSHI 864 see: UB6620000

YOSHINOX S see: GP3150000

YOSHINOX SR see: GP3150000

YOSIMILON see: TM2976100

YPERITE see: WQ0900000

ZG1925000 YTTERBIUM

UPDT:8401 CAS: 7440-64-4 MW: 173.04 MOLFM: Yb

TUMORIGENIC DATA AND REFERENCES:
2V03V10 imp-mus TDLo:25 gm/kg PSEBAA 135,426,70
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
YTTRIA see: ZG3850000

ZG2980000 YTTRIUM
UPDT:8404 CAS: 7440-65-5 MW: 88.91 MOLFM: Y
SYN: YTTRIUM-89
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg/m3; STEL 3 mg/m3 DTLVS* 4,443,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg/m3 FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 1 mg(Y)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S200
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983
YTTRIUM-89 see: ZG2980000

ZG3150000 YTTRIUM CHLORIDE
UPDT:8208 CAS: 10361-92-9 MW: 195.26 MOLFM: Cl3-Y
SYN: YTTRIUM TRICHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:45 mg/kg AMIHAB 16,475,57
ipr-mus LD50:88 mg/kg AMIHAB 16,475,57
3F07F15J30 ipr-gpg LD50:85 mg/kg AEHLAU 5,437,62
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JPMSAE 54,663,65
★ TLV-TWA 1 mg(Y)/m3;STEL 3 mg(Y)/m3 DTLVS* 4,443,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Y)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
YTTRIUM CITRATE see: GE8350000
YTTRIUM EDETATE complex see: AH5280000
YTTRIUMNITRAT (German) see: ZG3750000
YTTRIUM NITRATE see: ZG3675000 YTTRIUM(III) NITRATE (1: 3)

ZG3675000 YTTRIUM(III) NITRATE (1:3)
UPDT:8408 CAS: 10361-93-0 MW: 274.94 MOLFM: N3-O9 Y
SYN: NITRIC ACID, YTTRIUM(3 +) SALT * YTTRIUM NITRATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T01T02 itt-dom TDLo:5 mg/kg (1D male) IJEBA6 11,143,73
TUMORIGENIC DATA AND REFERENCES:
3V03P61J61 orl-mus TDLo:1300 mg/kg/60W-C JONUAI 101,1431,71
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:362 mg/kg AIHOAX 1,637,50
ipr-rat LD50:350 mg/kg AIHOAX 1,637,50
ipr-mus LD50:1710 mg/kg EQSSDX 1,1,75
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JPMSAE 54,663,65
★ TLV-TWA 1 mg(Y)/m3;STEL 3 mg(Y)/m3 DTLVS* 4,443,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Y)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZG3750000 YTTRIUM (III) NITRATE HEXAHYDRATE (1:3:6)
UPDT:7901 CAS: 13494-98-9 MW: 383.06 MOLFM: N3-O9 Y 6H2-O
SYN: NITRIC ACID, YTTRIUM(3 +)SALT, HEXAHYDRATE * YTTRIUMNITRAT (German)
TOXICITY DATA AND REFERENCES:
scu-mus LDLo:1660 mg/kg AEPPAE 141,273,29
scu-frg LDLo:350 mg/kg AEPPAE 141,273,29
REVIEW AND REFERENCES:
★ TLV-TWA 1 mg(Y)/m3;STEL 3 mg(Y)/m3 DTLVS* 4,443,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Y)/m3 (SCP-X) FEREAC 39,23540,74

ZG3850000 YTTRIUM OXIDE
UPDT:7908 CAS: 1314-36-9 MW: 225.82 MOLFM: O3-Y2
SYN: YTTRIA
TOXICITY DATA AND REFERENCES:
* ipr-rat LD50:500 mg/kg AIHOAX 1,637,50
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: JPMSAE 54,663,65
★ TLV-TWA 1 mg(Y)/m3;STEL 3 mg(Y)/m3 DTLVS* 4,443,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 1 mg(Y)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
YTTRIUM TRICHLORIDE see: ZG3150000
YuB-25 see: UT6305000
YUBAN 10HV see: YU1610000
YUBAN 10S see: YU1610000
YUGOVINYL see: [illegible]50000
YUKALON EH 30 see: TQ3325000
YUKALON HE 60 see: TQ3325000
YUKALON K 3212 see: TQ3325000
YUKALON LK 30 see: TQ3325000
YUKALON MS 30 see: TQ3325000
YUKALON PS 30 see: TQ3325000
YUKALON YK 30 see: TQ3325000
YULAN see: CM2625000
YUNIHOMU AZ see: LQ1040000
Z3 see: FG1575000
Z 75 see: ZH0525000
Z-78 see: ZH3325000
Z 424 see: UX9635500
Z 326 see: YM3770000
Z-905 see: DF2375000
Z 4828 see: RP5880000
Z 4942 see: RP6050000
Z-1159-5 see: WK2301000
ZACLON see: ZG9150000
ZACLONDISCOIDS see: MW6825000
ZACTIRIN COMPOUND see: AM4375000
VUFB-6453 see: UB6500000
ZACTRAN see: FC0700000
ZADINE see: DE8025500
ZADITEN see: DE8260000
ZADOLETTEN see: CQ6825000
ZADONAL see: CQ6825000
ZAFFRE see: GG2800000
ZAGREB see: IA2100000
ZAHARINA see: DE4200000
ZAHLREICHE BEZEICHNUNGEN (German) see: GO9625000
ZAMBESIL see: DB1556000
ZAMI 905 see: DF2375000
ZAMI 1305 see: UA8470000
ZAMI 1327 see: UA8485000

ZG4600000 ZAMIA DEBILIS
DEF:Dried, ground-up ZAMIA tubers were used (85CVA2 5,197,70)
UPDT:8401
TUMORIGENIC DATA AND REFERENCES:
1V03 orl-rat TDLo:650 gm/kg/77W-C 85CVA2 5,197,70
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ZAMINE see: SI1400000
ZANOSAR see: LZ5775000

ZG4645500 ZANTHOXYLUM ACANTHOPODIUM DC., extract excluding roots
DEF:Indian plant belonging to the family RUTACEAE (IJEBA6 18,594,80)
UPDT:8412
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:250 mg/kg IJEBA6 18,594,80

ZG4646000 ZANTHOXYLUM FLAVUM Vahl., leaf and stem extract
DEF:Jamaican plant belonging to the family RUTACEAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:40 gm/kg JPPMAB 14,556,62
ZAPIZOLAM see: UV1200300
ZARAONDAN see: WN2800000
ZARDEX see: GZ2010000
ZARLATE see: ZH0525000
ZARODAN see: WN2800000
ZARONDAN-SAFT see: WN2800000
ZARONTIN see: WN2800000
ZAROXOLYN see: VA1700000
ZARTALIN see: WN2800000
ZASSOL see: GS7000000
ZB112 see: ED6040000
ZB237 see: ED6040000
ZC see: ZH0525000
Z-C SPRAY see: ZH0525000
ZDE see: TL9297200
ZEAPUR see: XY5250000
ZEARALANOL see: DM2520000
ZEARALENONE see: DM2550000
(-)-ZEARALENONE see: DM2550000
(S)-ZEARALENONE see: DM2550000
(10S)-ZEARALENONE see: DM2550000
trans-ZEARALENONE see: DM2550000
ZEARANOL see: DM2520000
ZEAZIN see: XY5600000
ZEAZINE see: XY5600000
ZEBENIDE see: ZH3325000

ZG5340000 ZEBRINA PENDULA Schnizl., leaf and stem extract
DEF:Jamaican plant belonging to the family COMMELINACEAE (JPPMAB 14,556,62)
UPDT:8405
TOXICITY DATA AND REFERENCES:
* ipr-mus LDLo:40 gm/kg JPPMAB 14,556,62
ZEBTOX see: ZH3325000
ZECTANE see: FC0700000
ZECTRAN see: FC0700000
ZEDRINE see: SI1750000
ZEFRAN, combustion products see: AT6975000
ZEIDANE see: KJ3325000
ZELAN see: AG1575000
ZELAZA TLENKI (Polish) see: NO7525000
ZELIO see: XG6600000
ZENADRID see: TU4154100
ZENALOSYN see: BV8060000
ZENITE see: DL7000000
ZENITE SPECIAL see: DL7000000
ZENTAL see: FD1100000
ZENTINIC see: ES4316000
ZENTRONAL see: MU1050000
ZENTROPIL see: MU1050000
ZENTROPIL see: MU1400000
ZEPELIN see: UQ8530000
ZEPHIRAL see: BO3150000
ZEPHIRAN CHLORIDE see: BO3150000
ZEPHIRAN CHLORIDE see: BO3325000
ZEPHIROL see: BO3150000
ZEPHIROL see: BO3325000
ZEPHROL see: KB0700000
ZERANOL see: DM2520000
ZERDANE see: KJ3325000
ZERLATE see: ZH0525000
ZERTELL see: TG0700000
ZESET T see: AK0875000
ZEST see: MA1575000
ZESTE see: GL1224000
ZET see: ZG7250000
ZETAR see: GF8600000

ZG7250000 ZETAR EMULSION
DEF:A shampoo containing coal tar derivatives (TOLED5 3,325,79)
UPDT:8305
SYN: ZET
MUTATION DATA AND REFERENCES:
mmo-sat 5 mg/plate PHMGBN 20,1,80
mma-sat 10 ug/plate TOLED5 3,325,79
ZETAX see: DL7000000
ZETIFEX ZN see: UB0350000
ZEXTRAN see: FC0700000
ZF 36 see: TQ3325000
Z-GLY see: MB9129000
ZHENGGUANGMYCIN A2 (Chinese) see: EC5988500
ZHENGGUANGMYCIN A5 (Chinese) see: EC5990500
ZIARNIK see: OV6475000
ZIAVETINE see: DU1135000
ZIDAN see: ZH3325000

ZIDE see: DK9100000
ZILDASAC see: AF5085000 ACETIC ACID, ((1-BENZYL-1H-INDAZOL-3-YL)OXY)-
ZIMALLOY see: GF9180000
ZIMANAT see: ZB3200000
ZIMANEB see: ZB3200000
ZIMATE see: ZH0525000
ZIMATE see: ZH3325000
ZIMATE, BUTYL see: ZH0175000
ZIMATE, ETHYL see: ZH0350000
ZIMATE, METHYL see: ZH0525000
ZIMCO see: YW5775000
ZIMELIDINE see: UC6555000
cis-ZIMELIDINE see: UC6555000
(Z)-ZIMELIDINE see: UC6555000
ZIMET 176/68 see: CQ0660000
ZIMMAN-DITHANE see: ZB3200000
ZIMTALDEHYDE see: GD6475000
ZIMTSAEURE (German) see: GD7800000
ZINACEF see: XI0329000
ZINADON see: NS1750000

ZG8600000 ZINC
UPDT:8412 CAS: 7440-66-6 MW: 65.37 MOLFM: Zn
SYN: BLUE POWDER * C.I. 77945 * C.I. PIGMENT BLACK 16 * C.I. PIGMENT METAL 6 * EMANAY ZINC DUST * GRANULAR ZINC * JASAD * MERRILLITE * PASCO * UN 1383 (DOT) * UN 1436 (DOT) * ZINC, powder or dust, non-pyrophoric (DOT) * ZINC, powder or dust, pyrophoric (DOT) * ZINC DUST * ZINC POWDER
IRRITATION DATA AND REFERENCES:
skn-hmn 300 ug/3D-I MLD 85DKA8 -,127,77
TOXICITY DATA AND REFERENCES:
3J21J22R20 ihl-hmn TCLo:124 mg/m3/50M AHYGAJ 72,358,10
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: QURBAW 7(1),75,74; ADTEAS 5,51,72; FOREAE 7,313,42; KOTTAM 11(11),1300,75; AMTODM 3,209,77
STANDARDS & REGULATIONS:
★ DOT-IMO:FLAMMABLE SOLID; LABEL:DANGEROUS WHEN WET, non-pyrophoric CFRGBR 49,172.102,83
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE, pyrophoric CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHODS 7030 and 7300
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
EPA TSCA SECTION 8(e) STATUS REPORT 8EHQ-0680-0345
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZINC ACETATE see: AK1500000
ZINC ACETATE (DOT) see: AK1500000
ZINC ACID PHOSPHATE see: TD0600900 PHOSPHORIC ACID, ZINC SALT

ZG9150000 ZINC AMMONIUM CHLORIDE (DOT)
UPDT:8403 MW: 117.86 MOLFM: H3-N Cl-Zn
SYN: HIGH SPEED * KLEANROL * NA 9154 (DOT) * ZACLON
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82

ZG9160000 ZINC AMMONIUM NITRITE
UPDT:8308 CAS: 63885-01-8
SYN: UN 1512 (DOT) * ZINC AMMONIUM NITRITE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82

ZINC AMMONIUM NITRITE (DOT) see: ZG9160000

ZG9180000 ZINC ARSENATE
UPDT:8308 CAS: 1303-39-5 MW: 866.53 MOLFM: As4-O15 5Zn
SYN: ARSENIC ACID, ZINC SALT * UN 1712 (DOT) * ZINC ARSENATE, BASIC * ZINC ARSENATE (DOT)
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 10 ug(As)/m3 FEREAC 43,19584,78
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC ARSENIC recm std-air:CL 2 ug/m3/15M NTIS**

ZINC ARSENATE, BASIC see: ZG9180000
ZINC ARSENATE (DOT) see: ZG9180000
ZINC ARSENITE, SOLID (DOT) see: CG3890000

ZG9220000 ZINCATE(2-), TETRACYANO-, DIPOTASSIUM
UPDT:8401 CAS: 14244-62-3 MW: 247.65 MOLFM: C4-N4-Zn 2K
SYN: DIPOTASSIUM TETRACYANOZINCATE(2-) * POTASSIUM TETRACYANOZINCATE * POTASSIUM ZINC CYANIDE * TETRACYANOZINCATE(2-) DIPOTASSIUM * ZINCATE(2-), TETRAKIS(CYANO-C)-, DIPOTASSIUM, (T-4)- (9CI)
TOXICITY DATA AND REFERENCES:
* orl-mus LD50:275 mg/kg JPMSAE 52,59,63
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ZINCATE(2-), TETRAKIS(CYANO-C)-, DIPOTASSIUM, (T-4)- (9CI) see: ZG9220000
ZINC 2-BENZOTHIAZOLETHIOLATE see: DL7000000
ZINC BENZOTHIAZOLYL MERCAPTIDE see: DL7000000
ZINC BENZOTHIAZOL-2-YLTHIOLATE see: DL7000000
ZINC BENZOTHIAZYL-2-MERCAPTIDE see: DL7000000
ZINC BERYLLIUM SILICATE see: VV9100000
ZINC BIBUTYLDITHIOCARBAMATE see: ZH0175000
ZINC BICHROMATE see: HX7755000
ZINC, BIS(2-BENZOTHIAZOLETHIOLATO)- see: DL7000000

ZH0175000 ZINC, BIS(DIBUTYLDITHIOCARBAMATO)-
UPDT:8401 CAS: 136-23-2 MW: 4[illegible].19 MOLFM: C18-H36-N2-S4-Zn
SYN: ACETO ZDBD * BIS(DIBUTYLDITHIOCARBAMATO)ZINC * BUTAZATE * BUTAZATE 50-D * BUTYL ZIMATE * BUTYL ZIRAM * CARBAMIC ACID, DIBUTYLDITHIO-, ZINC complex * DIBUTYLDITHIOCARBAMIC ACID ZINC SALT * USAF GY-5 * VULCACURE * ZIMATE, BUTYL * ZINC BIBUTYLDITHIOCARBAMATE * ZINC DIBUTYLDITHIOCARBAMATE * ZINC N,N-DIBUTYLDITHIOCARBAMATE
TUMORIGENIC DATA AND REFERENCES:
3V03J60L60 orl-mus TDLo:290 gm/kg/78W-I NTIS** PB223-159
3V03J60P60 scu-mus TDLo:1000 mg/kg NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:100 mg/kg NTIS** AD277-689
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZH0350000 ZINC, BIS(DIETHYLDITHIOCARBAMATO)-
UPDT:8401 CAS: 14324-55-1 MW: 361.95 MOLFM: C10-H20-N2-S4 Zn
SYN: BIS(DIETHYLDITHIOCARBAMATO)ZINC * DIETHYLDITHIOCARBAMIC ACID ZINC SALT * ETHAZATE * ETHYL CYMATE * ETHYL ZIMATE * ETHYL ZIRAM * VULCACURE * ZIMATE, ETHYL * ZINC DIETHYLDITHIOCARBAMATE * ZINC N,N-DIETHYLDITHIOCARBAMATE
IRRITATION DATA AND REFERENCES:
eye-rbt 100 mg/24H SEV 28ZPAK -,11,72
MUTATION DATA AND REFERENCES:
mmo-sat 25 ug/plate MUREAV 68,313,79
mma-sat 25 ug/plate MUREAV 68,313,79
TUMORIGENIC DATA AND REFERENCES:
3V03J60P60 orl-mus TDLo:28 gm/kg/78W-I NTIS** PB223-159
2V01P60 scu-mus TDLo:464 mg/kg NTIS** PB223-159
TOXICITY DATA AND REFERENCES:
orl-rat LD50:3340 mg/kg 28ZPAK -,11,72
orl-rbt LD50:570 mg/kg INMEAF 16,473,47
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZH0370000 ZINC, BIS(N-(2,4-DIHYDROXY-3,3-DIMETHYL-1-OXOBUTYL)-beta-ALANINATO)-, (T-4-(R),(R))-
UPDT:8412 CAS: 65979-81-9 MW: 501.89 MOLFM: C18-H32-N2-O10-Zn
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:3763 mg/kg TOERD9 1,371,78
* ipr-rat LD50:489 mg/kg TOERD9 1,371,78
* orl-mus LD50:2161 mg/kg TOERD9 1,371,78
* ipr-mus LD50:342 mg/kg TOERD9 1,371,78

ZH0380000 ZINC, BIS(DIMETHYLCARBAMODITHIOATO)((1,2-ETHANEDIYLBIS(CARBAMODITHIOATO))(2-))DI-
UPDT:8403 CAS: 60605-72-3 MW: 581.54 MOLFM: C10-H18-N4-S8-Zn2
SYN: BIS(DIMETHYLCARBAMODITHIOATO)((1,2-ETHANEDIYLBIS(CARBAMODITHIOATO))(2-))DIZINC * BIS-DITHANE * DIZINC BIS(DIMETHYLDITHIOCARBAMATE)ETHYLENEBIS(DITHIOCARBAMATE) * POLYCARBAMATE
MUTATION DATA AND REFERENCES:
mmo-sat 50 ug/plate MUREAV 116,185,83
mrc-bcs 4 ug/disc/24H MUREAV 40,19,76

ZINC BIS(DIMETHYLDITHIOCARBAMATE) see: ZH0525000

ZH0525000 ZINC, BIS(DIMETHYLDITHIOCARBAMATO)-
UPDT:8412 CAS: 137-30-4 MW: 305.81 MOLFM: C6-H12-N2-S4 Zn
SYN: AAPROTECT * AAVOLEX * AAZIRA * ACCELERATOR L * ACETO ZDED * ACETO ZDMD * ALCOBAM ZM * ANTENE * BIS(DIMETHYLCARBAMODITHIOATO-S,S')ZINC * BIS-DIMETHYLDITHIOCARBAMATE DE ZINC (French) * BIS(DIMETHYLDITHIOCARBAMATO)ZINC * BIS(N,N-DIMETIL-DITIOCARBAMMATO) DI ZINCO (Italian) * CARBAMIC ACID, DIMETHYLDITHIO-, ZINC SALT (2:1) * CARBAZINC * CIRAM * CORONA COROZATE * COROZATE * CUMAN * CUMAN L * CYMATE * DIMETHYLCARBAMODITHIOIC ACID, ZINC COMPLEX * DIMETHYLCARBAMODITHIOIC ACID, ZINC SALT * DIMETHYLDITHIOCARBAMATE ZINC SALT * DIMETHYLDITHIOCARBAMIC ACID, ZINC SALT * DRUPINA 90 * EPTAC 1 * ENT 988 * FUCLASIN * FUCLASIN ULTRA * FUKLASIN * FUNGOSTOP * HERMAT ZDM * HEXAZIR * KARBAM WHITE * METHASAN * METHAZATE * METHYL ZIMATE * METHYL ZINEB * METHYL ZIRAM * MEXENE * MEZENE * MILBAM * MILBAN * MOLURAME * MYCRONIL * NCI-C50442 * ORCHARD BRAND ZIRAM * POMARSOL Z FORTE * PRODARAM * RHODIACID * SOXINAL PZ * SOXINOL PZ * TRICARBAMIX Z * TRISCABOL * TSIMAT * TSIRAM (Russian) * USAF P-2 * VANCIDE MZ-96 * VULCACURE * VULCACURE ZM * VULKACITE L * VULKACIT L * Z 75 * ZARLATE * ZC * Z-C SPRAY * ZERLATE * ZIMATE * ZIMATE, METHYL * ZINC BIS(DIMETHYLDITHIOCARBAMATE) * ZINC BIS(DIMETHYLDITHIOCARBAMOYL)DISULPHIDE * ZINC BIS(DIMETHYLTHIOCARBAMOYL)DISULFIDE * ZINC DIMETHYLDITHIOCARBAMATE * ZINC N,N-DIMETHYLDITHIOCARBAMATE * ZINCMATE * ZINK-BIS(N,N-DIMETHYL-DITHIOCARBAMAAT) (Dutch) * ZINK-BIS(N,N-DIMETHYL-DITHIOCARBAMAT) (German) * ZINKCARBAMATE * ZIRAM * ZIRAME * ZIRAM TECHNICAL * ZIRAMVIS * ZIRASAN * ZIRASAN 90 * ZIRBERK * ZIREX 90 * ZIRIDE * ZIRTHANE * ZITOX
MUTATION DATA AND REFERENCES:
mmo-sat 5 ug/plate MUREAV 68,313,79
mma-sat 5 ug/plate MUREAV 68,313,79
dnd-esc 1 umol/L ARTODN 46,277,80
mrc-bcs 600 ng/disc/24H MUREAV 40,19,76
cyt-hmn:lym 10 nmol/L TXCYAC 4,331,75
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T25T46 orl-rat TDLo:500 mg/kg (6-15D preg) EESADV 7,531,83
1T34 orl-rat TDLo:250 mg/kg (6-15D preg) EESADV 7,531,83
1T47 orl-rat TDLo:1 gm/kg (6-15D preg) EESADV 7,531,83
1T24 orl-rat TDLo:500 mg/kg (6-15D preg) EESADV 7,531,83
TUMORIGENIC DATA AND REFERENCES:
3V01N62R60 orl-rat TDLo:12978 mg/kg/2Y-I NTPTR* NTP-TR-238,83
3V03L60R60 imp-rat TDLo:60 mg/kg VPITAR 29,71,70
1V03 orl-mus TDLo:840 mg/kg/13W-I GISAAA 37(9),25,72
3V01N62R60 orl-rat TD :25956 mg/kg/2Y-I NTPTR* NTP-TR-238,83
3V01L60R60 orl-rat TD :13160 mg/kg/94W-I VPITAR 29,71,70
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:1400 mg/kg FMCHA2 -,C259,83
ipr-rat LD50:23 mg/kg JAPMA8 41,462,52
* unk-rat LD50:1230 mg/kg EQSSDX 3,618,75
orl-mus LD50:480 mg/kg FATOAO 28,2[illegible]0,65
ipr-mus LD50:73 mg/kg JAPMA8 41,662,52
* ivn-mus LD50:18 mg/kg CSLNX* NX#04886
orl-rbt LD50:400 mg/kg PCOC** -,1250,66
ipr-rbt LDLo:5 mg/kg JAPMA8 41,662,52
orl-gpg LDLo:100 mg/kg JAPMA8 41,662,52
ipr-gpg LDLo:20 mg/kg JAPMA8 41,662,52
orl bwd LD50:100 mg/kg TXAPA9 21,315,72
unk-mam LD50:1400 mg/kg 30ZDA9 -,213,71
REVIEW AND REFERENCES:
★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE IARC** 12,259,76
STATUS:
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS POSITIVE:RAT (NTPTR* NTP-TR-238,83)
★ NTP CARCINOGENESIS BIOASSAY COMPLETED;RESULTS NEGATIVE:MOUSE (NTPTR* NTP-TR-238,83)
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZINC BIS(DIMETHYLTHIOCARBAMOYL)DISULFIDE see: ZH0525000
ZINC BIS(DIMETHYLDITHIOCARBAMOYL)DISULPHIDE see: ZH0525000
ZINC, BIS(1-HYDROXY-2(1H)-PYRIDINETHIONATO)- (8CI) see: ZH0950000
ZINC, BIS(1-HYDROXY-2(1H)-PYRIDINETHIONATO-O,S)-, (T-4)- (9CI) see: ZH0950000

ZH0950000 ZINC, BIS(2-PYRIDYLTHIO)-, N,N'-DIOXIDE
UPDT:8411 CAS: 13463-41-7 MW: 31[illegible].69 MOLFM: C10-H8-N2-O2-S2 Zn
SYN: BIS(1-HYDROXY-2(1H)-PYRIDINETHIONATO)ZINC * OM 1563 * OMADINE ZINC * 2-PYRIDINETHIOL-1-OXIDE, ZINC SALT * PYRITHIONE ZINC * VANCIDE P * ZINC, BIS(1-HYDROXY-2(1H)-PYRIDINETHIONATO)- (8CI) * ZINC, BIS(1-HYDROXY-2(1H)-PYRIDINETHIONATO-O,S)-, (T-4)- (9CI) * ZINC, BIS(2-PYRIDYLTHIO)-, 1,1'-DIOXIDE * ZINC OMADINE * ZINCPOLYANEMINE * ZINC PT * ZINC PYRIDINE-2-THIOL-1-OXIDE * ZINC 2-PYRIDINETHIOL-1-OXIDE * ZINC PYRIDINETHIONE * ZINC PYRION * ZINC PYRITHIONE * ZnPT * ZPT
IRRITATION DATA AND REFERENCES:
eye-rbt 1 mg/48H JANCA2 56,905,73
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
2T34T46 orl-rat TDLo:150 mg/kg (6-15D preg) FCTXAV 17,639,79
2T41T46 skn-rat TDLo:75 mg/kg (6-15D preg) FCTXAV 17,639,79
1T76 skn-rat TDLo:1065 mg/kg (8W pre/1-15D preg) FCTXAV 17,639,79
2T25T35 orl-rbt TDLo:65 mg/kg (6-18D preg) FCTXAV 17,639,79
1T35 skn-rbt TDLo:1300 mg/kg (6-18D preg) FCTXAV 17,639,79
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:177 mg/kg TOANDB 3,1,79

	orl-mus LD50:160 mg/kg	CTOXAO 13,1,78
*	ipr-mus LD50:26800 ug/kg	OYYAA2 8,1067,74
	scu-mus LD50:730 mg/kg	CTOXAO 13,1,78
	orl-dog LD50:600 mg/kg	CTOXAO 13,1,78
3A11D16F07	ivn-dog LDLo:25 mg/kg	TXAPA9 9,269,66
1D35	ivn-mky LDLo:25 mg/kg	TXAPA9 9,269,66
3J07J16R10	skn-rbt LDLo:125 mg/kg	TOANDB 3,1,79
1F17	ivn-rbt LDLo:10 mg/kg	TXAPA9 9,269,66

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZINC, BIS(2-PYRIDYLTHIO)-, 1,1'-DIOXIDE see: ZH0950000
ZINC BORATE see: ED6040000
ZINC BORATE (DOT) see: ED6040000
ZINC BROMATE see: EF8760000
ZINC BROMATE (DOT) see: EF8760000

ZH1150000 ZINC BROMIDE

UPDT:8308 CAS: 7699-45-8 MW: 225.19 MOLFM: Br2-Zn
SYN: NA 9156 (DOT) * ZINC BROMIDE (DOT) * ZINC DIBROMIDE

MUTATION DATA AND REFERENCES:

	cyt-rat/ast 800 mg/kg	GANNA2 54,155,63

STANDARDS & REGULATIONS:

★ DOT-HAZARD:ORM-E; LABEL:NONE	CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ZINC BROMIDE (DOT) see: ZH1150000
ZINC BUTTER see: ZH1400000
ZINC CAPRYLATE see: RH0790000
ZINC CARBONATE (1:1) see: FG3375000
ZINC CARBONATE (DOT) see: FG3375000

ZH1350000 ZINC CHLORATE

UPDT:8308 CAS: 10361-95-2 MW: 232.27 MOLFM: Cl2-O6 Zn
SYN: UN 1513 (DOT) * ZINC CHLORATE (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER	CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ZINC CHLORATE (DOT) see: ZH1350000

ZH1400000 ZINC CHLORIDE

UPDT:8412 CAS: 7646-85-7 MW: 136.27 MOLFM: Cl2-Zn
SYN: BUTTER OF ZINC * CHLORURE DE ZINC (French) * TINNING FLUX (DOT) * UN 1840 (DOT) * UN 2331 (DOT) * ZINC BUTTER * ZINC CHLORIDE, solid (DOT) * ZINC CHLORIDE, solution (DOT) * ZINC (CHLORURE DE) (French) * ZINC DICHLORIDE * ZINC MURIATE, solution (DOT) * ZINCO (CLORURO DI) (Italian) * ZINKCHLORID (German) * ZINKCHLORIDE (Dutch)

MUTATION DATA AND REFERENCES:

	mma-sat 90 mmol/L	SOGEBZ 13,1010,77
	pic-esc 3200 umol/L	ENMUDM 6,59,84
	oms-hmn:lym 2 mg	CRSBAW 176,563,82
	cyt-hmn:lym 300 umol/L	TXCYAC 10,67,78
	cyt-rat/ast 700 mg/kg	GANNA2 54,155,63
	cyt-mus-orl 18 gm/kg/30D-C	CRSBAW 176,563,82
	hma-mus/sat 6 mg/kg	SOGEBZ 13,1010,77
	otr-ham:emb 180 umol/L	CNREA8 39,193,79

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T25T34T35	ipr-rat TDLo:30 gm/kg (7-8D preg)	TJADAB 29(3),23A,84
2T25T46	ipr-mus TDLo:20500 ug/kg (8D preg)	JPMSAE 66,1755,77
1T46	ipr-mus TDLo:12500 ug/kg (11D preg)	DABBBA 36,6103,76
1T22	ivg-rbt TDLo:29184 ug/kg (1D pre)	CCPTAY 22,659,80

TUMORIGENIC DATA AND REFERENCES:

2V03K61	par-ham TDLo:17 mg/kg	CNREA8 34,2612,74
2V03T61	par-ckn TDLo:15 mg/kg	CANCAR 5,464,53

TOXICITY DATA AND REFERENCES:

1J30	ihl-man TCLo:4800 mg/m3/30M	FerJJ# 10JAN74
	orl-rat LD50:350 mg/kg	FOREAE 7,313,42
	ivn-rat LDLo:30 mg/kg	FEPRA7 9,260,50
	orl-mus LD50:350 mg/kg	FOREAE 7,313,42
	ipr-mus LD50:31 mg/kg	AEPPAE 244,17,62
*	scu-mus LD50:330 mg/kg	OYYAA2 8,1067,74
*	ivn-rbt LDLo:11 mg/kg	TXAPA9 9,269,66
	orl-gpg LD50:200 mg/kg	FOREAE 7,313,42
*	ipr-gpg LDLo:173 mg/kg	AEHLAU 11,201,65

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ANAEA3 35,165,75; FOREAE 7,313,42; FCTXAV 9,105,71; PEXTAR 12,102,69

★ TLV-TWA 1 mg/m3; STEL 2 mg/m3 (vapor)	DTLVS* 4,445,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 1 mg(fume)/m3 (SCP-O)	FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE, solid	CFRGBR 49,172.101,82
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE, solution	CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZINC CHLORIDE, solid (DOT) see: ZH1400000
ZINC CHLORIDE, solution (DOT) see: ZH1400000
ZINC (CHLORURE DE) (French) see: ZH1400000
ZINC CHROMATE see: HX7755000
ZINC CHROMATE see: GB7595000
ZINC CHROMATE see: GB3290000
ZINC CHROMATE AM see: GB3290000
ZINC CHROMATE C see: GB3290000
ZINC CHROMATE HYDROXIDE see: GB3260000
ZINC CHROMATE (VI) HYDROXIDE see: GB3260000
ZINC CHROMATE(VI) HYDROXIDE see: GB3290000
ZINC CHROMATE O see: GB3290000
ZINC CHROMATE T see: GB3290000
ZINC CHROMATE Z see: GB3290000
ZINC CHROME see: GA9170000
ZINC CHROME see: GB3290000
ZINC CHROME (ANTI-CORROSION) see: GB3290000
ZINC CHROME YELLOW see: GB3290000
ZINC CHROMITE see: GB7595000
ZINC CHROMIUM OXIDE see: GB3290000
ZINC CHROMIUM OXIDE see: GB7595000
ZINC CHROMIUM OXIDE see: HX7755000
ZINC CITRATE see: GE8360000

ZH1575000 ZINC CYANIDE

UPDT:8406 CAS: 557-21-1 MW: 117.41 MOLFM: C2-N2-Zn
SYN: CYANURE DE ZINC (French) * RCRA WASTE NUMBER P121 * UN 1713 (DOT) * ZINC CYANIDE (DOT) * ZINC DICYANIDE

TOXICITY DATA AND REFERENCES:

	ipr-rat LDLo:100 mg/kg	NCNSA6 5,28,53

STANDARDS & REGULATIONS:

★ DOT-HAZARD:POISON B; LABEL:POISON	CFRGBR 49,172.101,82

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ZINC CYANIDE (DOT) see: ZH1575000
ZINC D'ACETATE see: AK1500000
ZINC DIBROMIDE see: ZH1150000
ZINC DIBUTYLDITHIOCARBAMATE see: ZH0175000
ZINC N,N-DIBUTYLDITHIOCARBAMATE see: ZH0175000
ZINC DICHLORIDE see: ZH1400000

ZH1930000 ZINC, DICHLORO(4,4-DIMETHYL-5-((((METHYLAMINO)CARBONYL)OXY)IMINO)PENTANENITRILE)-, (T-4)-

UPDT:8408 CAS: 58270-08-9 MW: 333.54 MOLFM: C9-H15-Cl2-N3-O2-Zn
SYN: AC 85258 * ETHIENOCARB

TOXICITY DATA AND REFERENCES:

*	orl-rat LD50:9 mg/kg	KSKZAN 16(2),64,78
*	skn-rat LD50:857 mg/kg	KSKZAN 16(2),64,78

STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZINC DICHROMATE see: HX7755000
ZINC DICHROMATE (VI) see: HX7755000
ZINC DICYANIDE see: ZH1575000

ZH2070000 ZINC, DIETHYL

UPDT:8312 CAS: 557-20-0 MW: 123.51 MOLFM: C4-H10-Zn
SYN: DIETHYLZINC * UN 1366 (DOT) * UN 2845 (DOT) * ZINC ETHIDE * ZINC ETHYL (DOT)

STANDARDS & REGULATIONS:

★ DOT-HAZARD:FLAMMABLE LIQUID; LABEL:FLAMMABLE LIQUID	CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE	CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ZINC DIETHYLDITHIOCARBAMATE see: ZH0350000
ZINC N,N-DIETHYLDITHIOCARBAMATE see: ZH0350000
ZINC DIFORMATE see: LR0550000

ZH2320000 ZINC, DIMETHYL-

CAS: 544-97-8 MW: 95.45 MOLFM: C2-H6-Zn
SYN: DIMETHYL ZINC * DIMETHYLZINC (DOT) * UN 1370 (DOT)

STANDARDS & REGULATIONS:

★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE	CFRGBR 49,172.102,83

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ZINC DIMETHYLDITHIOCARBAMATE see: ZH0525000
ZINC N,N-DIMETHYLDITHIOCARBAMATE see: ZH0525000
ZINC DISTEARATE see: ZH5200000
ZINC DITHIONITE see: JP2105000
ZINC, powder or dust, non-pyrophoric (DOT) see: ZG8600000
ZINC, powder or dust, pyrophoric (DOT) see: ZG8600000
ZINC DUST see: ZG8600000
ZINC ETHIDE see: ZH2070000
ZINC ETHYL (DOT) see: ZH2070000
ZINC ETHYLENEBISDITHIOCARBAMATE see: ZH3325000
ZINC ETHYLENE-1,2-BISDITHIOCARBAMATE see: ZH3325000

ZH3325000 ZINC, (ETHYLENEBIS(DITHIOCARBAMATO))-

UPDT:8412 CAS: 12122-67-7 MW: 275.73 MOLFM: C4-H6-N2-S4 Zn
SYN: ASPOR * ASPORUM * BERCEMA * BLIGHTOX * BLITEX * BLIZENE * CARBADINE * CHEM ZINEB * CINEB * CRITTOX * CYNKOTOX * DAISEN * DIPHER * DITHANE 65 * DITHANE Z * DITHANE Z-78 * DITHIANE Z-78 * DITIAMINA * ENT 14,874 * ((1,2-ETHANEDIYLBIS(CARBAMODITHIOATO))(2-)ZINC * 1,2-ETHANEDIYLBIS(CARBAMODITHIOATO) (2-)-S,S'-ZINC * 1,2-ETHANEDIYLBISCARBAMODITHIOIC ACID, ZINC COMPLEX * 1,2-ETHANEDIYLBISCARBAMOTHIOIC ACID, ZINC SALT * ETHYLENEBIS(DITHIOCARBAMATO)ZINC * ETHYLENEBIS(DITHIOCARBAMIC ACID), ZINC SALT * ETHYL ZIMATE * HEXATHANE * KUPRATSIN * KYPZIN * LIROTAN * LONACOL * MICIDE * MILTOX * MILTOX SPECIAL * NOVOSIR N * NOVOZIN N 50 * NOVOZIR * NOVOZIR N * NOVOZIR N 50 * PAMOSOL 2 FORTE * PARZATE * PARZATE C * PARZATE ZINEB * PEROSIN * PEROSIN 75B * PEROZIN * PEROZINE * POLYRAM Z * SPERLOX-Z * THIODOW * TIEZENE * TRITOFTOROL * TSINEB (Russian) * Z-78 * ZEBENIDE * ZEBTOX * ZIDAN * ZIMATE * ZINC ETHYLENEBISDITHIOCARBAMATE * ZINC ETHYLENE-1,2-BISDITHIOCARBAMATE * ZINEB * ZINEB 75 * ZINEB 80 * ZINEB 75 WP * ZINK-(N,N'-AETHYLEN-BIS(DITHIOCARBAMAT)) (German) * ZINOSAN

MUTATION DATA AND REFERENCES:

	mmo-bcs 1 nmol/plate	MSERDS 5,93,81
	mmo-omi 1000 ppm	MMAPAP 50,233,73
	sce-hmn:lym 10 mg/L	GESKAC 12,118,79
	cyt-mus-orl 10 mg/kg	GISAAA 45(1),80,80

REPRODUCTIVE EFFECTS DATA AND REFERENCES:

3T41T43T46	orl-rat TDLo:4 gm/kg (13D preg)	FCTXAV 11,239,73
3T25T26T35	orl-rat TDLo:4 gm/kg (11D preg)	FCTXAV 11,239,73
1T29	orl-rat TDLo:8 gm/kg (9D preg)	EKMMA8 10,226,71
1T42	orl-rat TDLo:4 gm/kg (13D preg)	EKMMA8 10,226,71
1T12	orl-rat TDLo:8 mg/kg (16D ore)	TOERD9 3,279,81

TUMORIGENIC DATA AND REFERENCES:

3V01K60K61	orl-rat TDLo:53580 mg/kg/94W-I	VPITAR 29,71,70
3V03K60L60	imp-rat TDLo:80 mg/kg	VPITAR 29,71,70
1V03	orl-mus TDLo:7800 mg/kg/5W-I	GISAAA 37(9),25,72
3V03T65J60	ipr-mus TDLo:1760 mg/kg (11-21D preg)	VPITAR 30,49,71

TOXICITY DATA AND REFERENCES:

	orl-rat LD50:5200 mg/kg	28ZEAL 5,237,76
*	unk-rat LD50:1850 mg/kg	EQSSDX 3,618,75
	orl-mus LD50:7600 mg/kg	JTEHD6 4,93,78
	orl-rbt LDLo:600 mg/kg	GISAAA 37(9),25,72
*	unk-mam LD50:1350 mg/kg	GISAAA 45(5),29,80

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: CNDQA8 10(3),43,75; CNDQA8 14,49,79

★ CARCINOGENIC REVIEW:ANIMAL INDEFINITE	IARC** 12,245,76

STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZINC N-FLUOREN-2-YLACETOHYDROXAMATE see: AL0350000

ZH3500000 ZINC FLUORIDE

UPDT:8308 CAS: 7783-49-5 MW: 103.37 MOLFM: F2-Zn
SYN: NA 9158 (DOT) * ZINC FLUORIDE (DOT) * ZINC FLUORURE (French)

TOXICITY DATA AND REFERENCES:

	scu-frg LDLo:280 mg/kg	CRSBAW 124,133,37

REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: AMSSAQ 400,5,63

★ TLV-TWA 2.5 mg(F)/m3	DTLVS* 4,195,80

STANDARDS & REGULATIONS:

★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3	FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE	CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3	NTIS**

STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ZINC FLUORIDE (DOT) see: ZH3500000
ZINC FLUOROSILICATE see: VV8754000
ZINC FLUORURE (French) see: ZH3500000
ZINC FORMATE see: LR0550000
ZINC FORMATE (DOT) see: LR0550000
ZINC HEXAFLUOROSILICATE see: VV8754000
ZINC HYDROSULFITE see: JP2105000
ZINC HYDROSULFITE (DOT) see: JP2105000
ZINC p-HYDROXYBENZENESULFONATE see: DB7120000
ZINC HYDROXYCHROMATE see: GB3260000
ZINC HYDROXYCHROMATE see: GB3290000
ZINCITE see: ZH4810000
ZINC DL-LACTATE see: OD6500000
ZINC MANGANESE BERYLLIUM SILICATE see: DS3550000
ZINCMATE see: ZH0525000
ZINC MERCAPTOBENZOTHIAZOLATE see: DL7000000
ZINC MERCAPTOBENZOTHIAZOLE SALT see: DL7000000
ZINC 2-MERCAPTOBENZOTHIAZOLE see: DL7000000

ZH4350000 ZINC MERCURY CHROMATE COMPLEX
UPDT:7901 CAS: 22323-45-1 MW: 1328.91 MOLFM: O-Zn .2Hg-O .2Cr-O3 .7H2-O
SYN: CHROMIC ACID, MERCURY ZINC COMPLEX * EXPERIMENTAL FUNGICIDE 224 (UNION CARBIDE) * MERCURY ZINC CHROMATE COMPLEX
TOXICITY DATA AND REFERENCES:
orl-rat LD50:630 mg/kg 28ZEAM 4,393,69
REVIEW AND REFERENCES:
★ TLV-TWA 50 ug(Cr)/m3 DTLVS* 4,98,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:CL 100 ug(CrO3)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC MERCURY recm std-air:TWA 0.05 mg(Hg)/m3 NTIS**
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO CHROMIUM(VI) recm std-air:CL 1 ug(Cr(VI))/m3 NTIS**
ZINC METAARSENITE see: CG3890000
ZINC METHARSENITE see: CG3890000
ZINC METIRAM see: TR6250000
ZINC MURIATE, solution (DOT) see: ZH1400000

ZH4772000 ZINC NITRATE
UPDT:8308 CAS: 7779-88-6 MW: 189.39 MOLFM: N2-O6 .Zn
SYN: NITRATE DE ZINC (French) * NITRIC ACID, ZINC SALT * UN 1514 (DOT) * ZINC NITRATE (DOT)
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ZINC NITRATE (DOT) see: ZH4772000
ZINCO (CLORURO DI) (Italian) see: ZH1400000
ZINC OCTADECANOATE see: ZH5200000
ZINCO(FOSFURO DI) (Italian) see: ZH4900000
ZINCOID see: ZH4810000
ZINC OLEATE see: ZH4797000

ZH4797000 ZINC OLEATE (1:2)
UPDT:8305 CAS: 557-07-3 MW: 630.41 MOLFM: C36-H68-O4 .Zn
SYN: OLEIC ACID, ZINC SALT * ZINC OLEATE
TUMORIGENIC DATA AND REFERENCES:
3V03L60P62 orl-mus TDLo:1080 gm/kg/1Y-C FCTXAV 3,271,65
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ZINC OMADINE see: ZH0950000

ZH4810000 ZINC OXIDE
UPDT:8412 CAS: 1314-13-2 MW: 81.37 MOLFM: O-Zn
SYN: AKRO-ZINC BAR 85 * AKRO-ZINC BAR 90 * AMALOX * CALAMINE * CALAMINE (spray) * CHINESE WHITE * C.I. 77947 * C.I. PIGMENT WHITE 4 * CYNKU TLENEK (Polish) * EMANAY ZINC OXIDE * EMAR * FELLING ZINC OXIDE * FLOWERS OF ZINC * GREEN SEAL-8 * HUBBUCK'S WHITE * KADOX-25 * K-ZINC * OZIDE * OZLO * PASCO * PERMANENT WHITE * PHILOSOPHER'S WOOL * PROTOX TYPE 166 * PROTOX TYPE 167 * PROTOX TYPE 168 * PROTOX TYPE 169 * PROTOX TYPE 267 * PROTOX TYPE 268 * RED-SEAL-9 * SNOW WHITE * WHITE SEAL-7 * ZINCITE * ZINCOID * ZINC OXIDE FUME * ZINC WHITE
IRRITATION DATA AND REFERENCES:
skn-rbt 500 mg/24H MOD 28ZPAK -,10,72
eye-rbt 500 mg/24H MOD 28ZPAK -,10,72
MUTATION DATA AND REFERENCES:
dnd-esc 3000 ppm MUREAV 89,95,81
cyt-rat-ihl 100 ug/m3 CYGEDX 12(3),46,78
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T55T71T81 orl-rat TDLo:6846 mg/kg (1-22D preg) JONUAI 98,303,69
TOXICITY DATA AND REFERENCES:
3J21J22J30 ihl-hmn TCLo:600 mg/m3 JIDHAN 9,98,27
* ipr-rat LD50:240 mg/kg ZDKAA8 38(9),18,78
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: ANAEA3 35,165,75; JIDHAN 8,322,26
★ TLV-TWA 5 mg/m3; STEL 10 mg/m3 (vapor) DTLVS* 4,446,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(fume)/m3 (SCP-O) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO ZINC OXIDE recm std-air:TWA 5 mg/m3;CL 15 mg/m3/15M NTIS**
STATUS:
NTP CARCINOGENESIS STUDIES; SELECTED BUT DEFERRED, OCTOBER 1984
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see METHOD 7502
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ZINC OXIDE FUME see: ZH4810000

ZH4860000 ZINC PERMANGANTE
UPDT:8308 CAS: 23414-72-4 MW: 303.25 MOLFM: Mn2-O8 .Zn
SYN: UN 1515 (DOT) * ZINC PERMANGANTE (DOT)
REVIEW AND REFERENCES:
★ TLV-CL 5 mg(Mn)/m3 DTLVS* 4,250,80
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
ZINC PERMANGANTE (DOT) see: ZH4860000

ZH4865000 ZINC PEROXIDE
UPDT:8308 CAS: 1314-22-3 MW: 97.37 MOLFM: O2-Zn
SYN: UN 1516 (DOT) * ZINC PEROXIDE (DOT) * ZINC SUPEROXIDE
STANDARDS & REGULATIONS:
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ZINC PEROXIDE (DOT) see: ZH4865000
ZINC PHENOLSULFONATE see: DB7120000
ZINC p-PHENOL SULFONATE see: DB7120000
ZINC PHENOLSULFONATE (DOT) see: DB7120000
ZINC PHOSPHATE see: TD0600900 PHOSPHORIC ACID, ZINC SALT

ZH4900000 ZINC PHOSPHIDE
UPDT:8411 CAS: 1314-84-7 MW: 258.05 MOLFM: P2-Zn3
SYN: BLUE-OX * KILRAT * MOUS-CON * PHOSPHURE DE ZINC (French) * PHOSVIN * RCRA WASTE NUMBER P122 * RUMETAN * UN 1714 (DOT) * ZINCO(FOSFURO DI) (Italian) * ZINC PHOSPHIDE (DOT) * ZINC(PHOSPHURE DE) (French) * ZINC-TOX * ZINKFOSFIDE (Dutch) * ZINKPHOSPHID (German) * ZP
TOXICITY DATA AND REFERENCES:
1K13 orl-wmn LDLo:80 mg/kg ZACCAL 23,144,48
3F07J22J30 orl-rat LD50:25 mg/kg PANSCG 25,246,79
1H02 orl-cat LDLo:250 mg/kg JAPMA8 49,468,52
2J25J26 orl-rbt LDLo:40 mg/kg JAPMA8 49,468,52
STANDARDS & REGULATIONS:
★ DOT-HAZARD:POISON B; LABEL:POISON CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ZINC PHOSPHIDE (DOT) see: ZH4900000
ZINC(PHOSPHURE DE) (French) see: ZH4900000
ZINC POLYACRYLATE see: UD3360000
ZINCPOLYANEMINE see: ZH0950000
ZINC POLYCARBOXYLATE see: UD3360000
ZINC POWDER see: ZG8600000

ZH4950000 ZINC, (N,N'-PROPYLENE-1,2-BIS(DITHIOCARBAMATE))
UPDT:8403 CAS: 12071-83-9 MOLFM: (C5-H8-N2-S4-Zn)x
SYN: AIRONE * ANTRACOL * BAY 46131 * BAYER 46131 * LH 3012 * LH 30/Z * (((1-METHYL-1,2-ETHANEDIYL)BIS(CARBAMODITHIOATO))(2-))ZINC HOMOPOLYMER * METHYLZINEB * MEZINEB * PROPINEB * PROPINEBE * PROPYLENEBIS(DITHIOCARBAMATO)ZINC * TAIFEN * TSIPROMAT (Russian) * ZINC 1,2-PROPYLENE BISDITHIOCARBAMATE * ZINK-(N,N'-PROPYLEN-1,2-BIS(DITHIOCARBAMAT)) (German) * ZIPROMAT
MUTATION DATA AND REFERENCES:
mrc-smc 2500 ppm MUREAV 10,533,70
cyt-rat-par 2600 mg/kg/5D-I PRKHDK 4,151,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
3T25T42T43 orl-rat TDLo:2300 mg/kg (11D preg) TJADAB 14,171,76
2T46T55 orl-rat TDLo:2300 mg/kg (11D preg) TJADAB 14,171,76
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:8500 mg/kg FMCHA2 -,C198,83
STATUS:
★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE
ZINC 1,2-PROPYLENE BISDITHIOCARBAMATE see: ZH4950000
ZINC PROTAMINE INSULIN see: NM8912800
ZINC PT see: ZH0950000
ZINC PYRIDINE-2-THIOL-1-OXIDE see: ZH0950000
ZINC PYRIDINETHIONE see: ZH0950000
ZINC 2-PYRIDINETHIOL-1-OXIDE see: ZH0950000
ZINC PYRION see: ZH0950000
ZINC PYRITHIONE see: ZH0950000
ZINC RESINATE see: VG7116000
ZINC RESINATE (DOT) see: VG7116000
ZINC SILICOFLUORIDE (DOT) see: VV8754000

ZH5200000 ZINC STEARATE
UPDT:8403 CAS: 557-05-1 MW: 632.43 MOLFM: C36-H70-O4 .Zn
SYN: COAD * DERMARONE * HYDENSE * HYTECH * DIBASIC ZINC STEARATE * METALLAC * METASAP 576 * MATHE * OCTADECANOIC ACID, ZINC SALT * PETRAC ZN-41 * STAVINOR ZN-E * STEARIC ACID, ZINC SALT * SYNPRO STEARATE * TALCULIN Z * ZINC DISTEARATE * ZINC OCTADECANOATE
TOXICITY DATA AND REFERENCES:
itr-rat LDLo:250 mg/kg BJIMAG 15,130,58
REVIEW AND REFERENCES:
★ TLV-TWA 10 mg/m3; STEL 20 mg/m3 (dust) DTLVS* 4,447,80
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
ZINC SULFATE see: ZH5300000
ZINC SULFATE see: ZH5260000

ZH5260000 ZINC SULFATE (1:1)
UPDT:8411 CAS: 7733-02-0 MW: 161.43 MOLFM: O4-S .Zn
SYN: BONAZEN * BUFOPTO ZINC SULFATE * NA 9161 (DOT) * OP-THAL-ZIN * SULFATE DE ZINC (French) * SULFURIC ACID, ZINC SALT (1:1) * WHITE COPPERAS * WHITE VITRIOL * VERAZINC * ZINC SULFATE * ZINC SULPHATE * ZINC VITRIOL * ZINKOSITE
IRRITATION DATA AND REFERENCES:
eye-rbt 420 ug MOD JAPMA8 45,474,56
MUTATION DATA AND REFERENCES:
sln-dmg-orl 5 mmol/L MUREAV 90,91,81
mmo-smc 100 mmol/L MUREAV 117,149,83
mrc-smc 100 mmol/L MUREAV 117,149,83
dni-hmn:hla 1 umol/L/4H BECTA6 32,220,84
cyt-rat/ast 1 gm/kg GANNA2 54,155,63
otr-ham:emb 200 umol/L CNREA8 39,193,79
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T25 orl-rat TDLo:333 mg/kg (1-18D preg) NURIBL 13,33,76
1T22 ivg-rbt TDLo:34573 ug/kg (1D pre) CCPTAY 22,659,80
1T34 ivn-ham TDLo:2 mg/kg (8D preg) ENVRAL 6,95,73
3T27T72T76 orl-dom TDLo:193 gm/kg (6-20W preg) ENVRAL 20,1,79
TUMORIGENIC DATA AND REFERENCES:
2V03V10 scu-rbt TDLo:3625 ug/kg/5D-C COREAF 236,1387,53
TOXICITY DATA AND REFERENCES:
3G07K30P05 orl-hmn TDLo:45 mg/kg/7D-C BMJOAE 1,754,78
3H02J15K12 orl-hmn TDLo:106 mg/kg BMJOAE 1,1390,77
* orl-rat LD50:2949 mg/kg TOERD9 1,371,78
ipr-rat LD50:258 mg/kg DICPBB 13,611,79
scu-rat LDLo:330 mg/kg EQSSDX 1,1,75
ivn-rat LDLo:50 mg/kg EQSSDX 1,1,75
orl-mus LD50:1891 mg/kg DICPBB 13,611,79
* ipr-mus LD50:267 mg/kg TOERD9 1,371,78
* scu-mus LDLo:1500 ug/kg TJIZAF 48,313,78
scu-dog LDLo:78 mg/kg EQSSDX 1,1,75
ivn-dog LDLo:66 mg/kg EQSSDX 1,1,75
orl-rbt LDLo:2000 mg/kg EQSSDX 1,1,75
scu-rbt LDLo:300 mg/kg EQSSDX 1,1,75
* ivn-rbt LDLo:23 mg/kg TXAPA9 9,269,66
REVIEW AND REFERENCES:
TOXICOLOGY REVIEW: FOREAE 7,313,42
STANDARDS & REGULATIONS:
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

★ EPA GENETIC TOXICOLOGY PROGRAM, JANUARY 1984
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZINC SULFATE (1:1) HEPTAHYDRATE see: ZH5300000

ZH5300000 ZINC SULFATE HEPTAHYDRATE (1:1:7)
UPDT:8402 CAS: 7446-20-0 MW: 287.57 MOLFM: O4-S-Zn .7H2-O
SYN: NUZ * SULFURIC ACID, ZINC SALT (1:1), HEPTAHYDRATE * WHITE VITRIOL * ZINC SULFATE * ZINC SULPHATE * ZINC VITRIOL * ZINC SULFATE (1:1) HEPTAHYDRATE
MUTATION DATA AND REFERENCES:
sln-dmg-orl 5 mmol/L MUREAV 90,91,81
dni-mus-ipr 20 gm/kg ARGEAR 51,605,81
TOXICITY DATA AND REFERENCES:
unk-man LDLo:221 mg/kg 85DCAI 2,73,70
orl-rat LDLo:2200 mg/kg HBAMAK 4,1419,35
scu-rat LDLo:330 mg/kg HBAMAK 4,1419,35
ivn-rat LDLo:49 mg/kg HBAMAK 4,1419,35
scu-dog LDLo:78 mg/kg HBAMAK 4,1419,35
ivn-dog LDLo:66 mg/kg HBAMAK 4,1419,35
orl-rbt LDLo:1914 mg/kg HBAMAK 4,1419,35
ivn-rbt LDLo:44 mg/kg HBAMAK 4,1419,35
scu-gpg LDLo:590 mg/kg BMJOAE 2,217,13
scu-frg LDLo:149 mg/kg 27ZWAY 3.3,1925,-
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZINC SULFOCARBOLATE see: DB7120000
ZINC SULFOPHENATE see: DB7120000
ZINC SULPHATE see: ZH5260000
ZINC SULPHATE see: ZH5300000
ZINC SUPEROXIDE see: ZH4865000
ZINC TETRAOXYCHROMATE see: GB3290000
ZINC TETRAOXYCHROMATE 76A see: GB3290000
ZINC TETRAOXYCHROMATE 780B see: GB3290000
ZINC TETROXYCHROMATE see: GB3290000
ZINC-TOX see: ZH4900000

ZH5480000 ZINC TRIFLUOROSTANNITE, HEPTAHYDRATE
UPDT:7901 MW: 542.89 MOLFM: F6-Sn2 .Zn .7H2-O
TOXICITY DATA AND REFERENCES:
* ivn-mus LD50.32 mg/kg CSLNX* NX#00132
REVIEW AND REFERENCES:
★ TLV-TWA 2 mg(Sn)/m3;STEL 4 mg(Sn)/m3 DTLVS* 4,398,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2 mg(Sn)/m3 (SCP-X) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**

ZINC VITRIOL see: ZH5300000
ZINC VITRIOL see: ZH5260000
ZINC WHITE see: ZH4810000
ZINC YELLOW see: GA9170000
ZINC YELLOW see: GB3260000
ZINC YELLOW see: GB3290000
ZINC YELLOW see: GB3300000
ZINC YELLOW 1 see: GB3290000
ZINC YELLOW 1425 see: GB3290000
ZINC YELLOW 40-9015 see: GB3290000
ZINC YELLOW AZ-16 see: GB3290000
ZINC YELLOW AZ-18 see: GB3290000
ZINC YELLOW KSH see: GB3290000
ZINC YELLOW 386N see: GB3290000
ZINC YELLOWS see: GB3290000
ZINEB see: ZH3325000
ZINEB 75 see: ZH3325000
ZINEB 80 see: ZH3325000
ZINEB-ETHYLENE THIURAM DISULFIDE ADDUCT see: TR6250000
ZINEB 75 WP see: ZH3325000
ZINGERONE see: EL8900000

ZH5780600 ZINGIBER CAPITATUM Roxb., extract
DEF:Indian plant belonging to the family ZINGIBERACEAE (IJEBA6 15,208,77)
UPDT:8408
TOXICITY DATA AND REFERENCES:
2M10V30 ipr-mus LD50:500 mg/kg IJEBA6 15,208,77

ZINGIBERONE see: EL8900000
ZINK-(N,N'-AETHYLEN-BIS(DITHIOCARBAMAT)) (German) see: ZH3325000
ZINK-BIS(N,N-DIMETHYL-DITHIOCARBAMAAT) (Dutch) see: ZH0525000
ZINK-BIS(N,N-DIMETHYL-DITHIOCARBAMAT) (German) see: ZH0525000
ZINKCARBAMATE see: ZH0525000
ZINKCHLORID (German) see: ZH1400000
ZINKCHLORIDE (Dutch) see: ZH1400000
ZINKFOSFIDE (Dutch) see: ZH4900000
ZINKOSITE see: ZH5260000
ZINKPHOSPHID (German) see: ZH4900000
ZINK-(N,N'-PROPYLEN-1,2-BIS(DITHIOCARBAMAT)) (German) see: ZH4950000
ZINN (German) see: XP7320000
ZINNTETRACHLORID (German) see: XP8750000
ZINOCHLOR see: XY7175000
ZINOPHOS see: TF5775000
ZINOSAN see: ZH3325000
ZINOSTATIN see: QO6780000
ZINPOL see: AT4680000
ZINPOL see: TQ3325000
ZIPAN see: DF1575000
ZIPEPROL see: TL9310000
ZIPEPROL DIHYDROCHLORIDE see: TL9310000
ZIPROMAT see: ZH4950000
ZIRAM see: ZH0525000
ZIRAME see: ZH0525000
ZIRAM TECHNICAL see: ZH0525000
ZIRAMVIS see: ZH0525000
ZIRASAN see: ZH0525000
ZIRASAN 90 see: ZH0525000
ZIRBERK see: ZH0525000
ZIRCAT see: ZH7070000
ZIRCON see: ZH9000000
ZIRCONATE, BARIUM (1:1) see: CR0875000

ZH7028400 ZIRCONATE(2-), HEXAFLUORO-, DIPOTASSIUM
UPDT:8308 CAS: 16923-95-8 MW: 283.42 MOLFM: F6-Zr .2K
SYN: DIPOTASSIUM HEXAFLUOROZIRCONATE * DIPOTASSIUM ZIRCONIUM HEXAFLUORIDE * NA 9162 (DOT) * POTASSIUM FLUOROZIRCONATE * POTASSIUM FLUOZIRCONATE * POTASSIUM HEXAFLUOROZIRCONATE * POTASSIUM HEXAFLUOROZIRCONATE(IV) * POTASSIUM ZIRCONIUM FLUORIDE * POTASSIUM ZIRCONIUM HEXAFLUORIDE * ZIRCONIUM POTASSIUM FLUORIDE (DOT)
TOXICITY DATA AND REFERENCES:
orl-mus LD50:98 mg/kg HYSAAV 32,343,67
REVIEW AND REFERENCES:
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2.5 mg(F)/m3 FEREAC 39,23540,74
★ DOT-HAZARD:ORM-E; LABEL:NONE CFRGBR 49,172.101,82
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ZIRCONATE(2-), OXODISULFATO-, DISODIUM (8CI) see: ZI0350000

ZH7070000 ZIRCONIUM
UPDT:8404 CAS: 7440-67-7 MW: 91.22 MOLFM: Zr
SYN: UN 1308 (DOT) * UN 1358 (DOT) * UN 2008 (DOT) * UN 2009 (DOT) * UN 2858 (DOT) * ZIRCAT * ZIRCONIUM METAL, dry, chemically produced, finer than 270 mesh particle size (DOT) * ZIRCONIUM METAL, dry, coiled wire, finished metal sheets thinner than 18 microns (DOT) * ZIRCONIUM METAL, dry, mechanically produced, finer than 270 mesh particle size (DOT) * ZIRCONIUM METAL, liquid suspensions (DOT) * ZIRCONIUM METAL, wet, chemically produced, finer than 270 mesh particle size (DOT) * ZIRCONIUM METAL, wet, mechanically produced, finer than 270 mesh particle size (DOT) * ZIRCONIUM METAL POWDER, wetted with not less than 25% water (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg/m3; STEL 10 mg/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg/m3 (SCP-X) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID CFRGBR 49,172.101,82
★ DOT-IMO:FLAMMABLE SOLID; LABEL:SPONTANEOUSLY COMBUSTIBLE CFRGBR 49,172.102,83
STATUS:
'NIOSH MANUAL OF ANALYTICAL METHODS' VOL 3 S185
'NIOSH MANUAL OF ANALYTICAL METHODS' TO BE REVISED BY JUNE, 1985
'NIOSH MANUAL OF ANALYTICAL METHODS, 3rd Ed.' see: METHOD 7300
REPORTED IN EPA TSCA INVENTORY, 1983

ZIRCONIUM, ACETYL-, ACETONATE see: ZH9280000

ZH7100000 ZIRCONIUM, BIS(ACETATO-O,O')OXO-
UPDT:8404 CAS: 20645-04-9 MW: 225.32 MOLFM: C4-H6-O5 .Zr
SYN: DIACETATOZIRCONIC ACID * ZIRCONYL ACETATE
TOXICITY DATA AND REFERENCES:
1F07 orl-rat LD50:4100 mg/kg AIHOAX 1,637,50
1F07 ipr-rat LD50:300 mg/kg AIHOAX 1,637,50
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74

ZH7140000 ZIRCONIUM, BIS(NITRATO-O)OXO-
UPDT:7908 CAS: 13826-66-9 MW: 231.24 MOLFM: N2-O7-Zr
SYN: BIS(NITRATO-O)OXOZIRCONIUM * ZIRCONYL NITRATE
TOXICITY DATA AND REFERENCES:
1F07 orl-rat LD50:2500 mg/kg AIHOAX 1,637,50
1F07 ipr-rat LD50:1250 mg/kg AIHOAX 1,637,50
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ZIRCONIUM CHLORIDE see: ZH7175000

ZH7175000 ZIRCONIUM(IV) CHLORIDE (1:4)
UPDT:8404 CAS: 10026-11-6 MW: 233.02 MOLFM: Cl4-Zr
SYN: UN 2503 (DOT) * ZIRCONIUM CHLORIDE * ZIRCONIUM TETRACHLORIDE * ZIRCONIUM TETRACHLORIDE, SOLID (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:1688 mg/kg HYSAAV 31,328,66
orl-mus LD50:665 mg/kg HYSAAV 31,328,66
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74
★ DOT-HAZARD:CORROSIVE MATERIAL; LABEL:CORROSIVE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ZH7200000 ZIRCONIUM CHLORIDE HYDROXIDE
UPDT:8404 CAS: 10119-31-0 MW: 143.68 MOLFM: Cl-H-O-Zr
SYN: NICKENOL 371 * ZIRCONIUM CHLOROHYDRATE * ZIRCONIUM HYDROXYCHLORIDE * ZIRCONYL HYDROXYCHLORIDE
IRRITATION DATA AND REFERENCES:
skn-hmn 45 mg/3D-I MOD 85DKA8 -,127,77
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ZH7250000 ZIRCONIUM CHLORIDE OXIDE OCTAHYDRATE
UPDT:8404 CAS: 13520-92-8 MW: 322.28 MOLFM: Cl2-O-Zr .8H2-O
SYN: ZIRCONYL CHLORIDE OCTAHYDRATE
TUMORIGENIC DATA AND REFERENCES:
3V03D45Q60 idr-mus TDLo:800 ug/kg CNREA8 33,287,73
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZIRCONIUM CHLOROHYDRATE see: ZH7200000
ZIRCONIUM CITRATE see: TZ8625000

ZH7525000 ZIRCONIUM, DICHLORO-DI-pi-CYCLOPENTADIENYL-
UPDT:8404 CAS: 1291-32-3 MW: 292.32 MOLFM: C10-H10-Cl2-Zr
SYN: ZIRCONOCENE, DICHLORIDE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:30 mg/kg NCIUS* PH 43-64-886,JUL,68
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ZH7700000 ZIRCONIUM, DICHLOROOXO-
UPDT:8404 CAS: 7699-43-6 MW: 178.12 MOLFM: Cl2-O-Zr
SYN: BASIC ZIRCONIUM CHLORIDE * CHLOROZIRCONYL * DICHLOROOXOZIRCONIUM * NCI-C60811 * ZIRCONIUM OXYCHLORIDE * ZIRCONYL CHLORIDE
TUMORIGENIC DATA AND REFERENCES:
2V02D45 idr-mus TDLo:800 ug/kg JIDEAE 57,411,71

TOXICITY DATA AND REFERENCES:
1F07 orl-rat LD50:3500 mg/kg AIHOAX 1,637,50
1F07 ipr-rat LD50:400 mg/kg AIHOAX 1,637,50
scu-rat LDLo:500 mg/kg NTIS** AEC-TR-6710
ipr-mus LD50:171 mg/kg COREAF 256,1043,63
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZH7875000 ZIRCONIUM FLUORIDE
UPDT:8404 CAS: 7783-64-4 MW: 167.22 MOLFM: F4-Zr
SYN: ZIRCONIUM TETRAFLUORIDE
TOXICITY DATA AND REFERENCES:
ivn-mus LD50:98 mg/kg 19UQAS -,30,65
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
★ TLV-TWA 2.5 mg(F)/m3 DTLVS* 4,195,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 2500 ug(F)/m3 (SCP-W) FEREAC 39,23540,74
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74
★ CRITERIA DOCUMENT: OCCUPATIONAL EXPOSURE TO INORGANIC FLUORIDES recm std-air:TWA 2.5 mg(F)/m3 NTIS**
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ZH7950000 ZIRCONIUM GLUCONATE
UPDT:8404
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:247 mg/kg NTIS** AEC-TR-6710
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74

ZH8000000 ZIRCONIUM GLUTAMATE
UPDT:8408
TOXICITY DATA AND REFERENCES:
* unk-mam LDLo:1750 mg/kg SCIEAS 105,389,47
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74

ZH8015000 ZIRCONIUM HYDRIDE
UPDT:8404 CAS: 7704-99-6 MW: 93.24 MOLFM: H2-Zr
SYN: UN 1437 (DOT) * ZIRCONIUM HYDRIDE (DOT)
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74
★ DOT-HAZARD:FLAMMABLE SOLID; LABEL:FLAMMABLE SOLID & DANGER WHEN WET CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ZIRCONIUM HYDRIDE (DOT) see: ZH8015000
ZIRCONIUM HYDROXYCHLORIDE see: ZH7200000

ZH8050000 ZIRCONIUM(III) LACTATE (1:3)
UPDT:8404 CAS: 63919-14-2 MW: 372.44 MOLFM: C9-H9-O9 H4-O-Zr
SYN: LACTIC ACID, ZIRCONIUM SALT (3:1)
TOXICITY DATA AND REFERENCES:
1R03 skn-mus TDLo:20 ug/kg JAMAAP 190,940,64
ipr-rat LD50:670 mg/kg AIHAAP 24,131,63
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74

ZH8575000 ZIRCONIUM(IV) LACTATE (1:4)
UPDT:8404 CAS: 60676-90-6 MW: 180.30 MOLFM: C3-H5-O3 Zr
SYN: LACTIC ACID, ZIRCONIUM SALT (4:1)
TOXICITY DATA AND REFERENCES:
3R10R11R12 idr-man TDLo:170 ug/kg/I JIDEAE 38,223,62
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZIRCONIUM METAL, dry, chemically produced, finer than 270 mesh particle size (DOT) see: ZH7070000
ZIRCONIUM, METAL, dry, coiled wire, finished metal sheets thinner than 18 microns (DOT) see: ZH7070000
ZIRCONIUM METAL, dry, mechanically produced, finer than 270 mesh particle size (DOT) see: ZH7070000
ZIRCONIUM METAL, liquid suspensions (DOT) see: ZH7070000
ZIRCONIUM METAL, wet, chemically produced, finer than 270 mesh particle size (DOT) see: ZH7070000
ZIRCONIUM METAL, wet, mechanically produced, finer than 270 mesh particle size (DOT) see: ZH7070000
ZIRCONIUM METAL POWDER, wetted with not less than 25% water (DOT) see: ZH7070000

ZH8750000 ZIRCONIUM NITRATE
UPDT:8404 CAS: 13746-89-9 MW: 339.26 MOLFM: N4-O12 Zr
SYN: DUSICNAN ZIRKONICITY (Czech) * UN 2728 (DOT)
TOXICITY DATA AND REFERENCES:
orl-rat LD50:2290 mg/kg MarJV# 29MAR77
ihl-rat LCLo:500 mg/m3/30M NTIS** AEC-TR-6710
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-W) FEREAC 39,23540,74
★ DOT-HAZARD:OXIDIZER; LABEL:OXIDIZER CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ZIRCONIUM OXYCHLORIDE see: ZH7700000
ZIRCONIUM PICRAMATE, dry or containing less than 20% water (DOT) see: TJ7859000
ZIRCONIUM PICRAMATE, wet (with at least 20% water) (DOT) see: TJ7860000
ZIRCONIUM POTASSIUM FLUORIDE (DOT) see: ZH7028400

ZH9000000 ZIRCONIUM(IV) SILICATE (1:1)
UPDT:8404 CAS: 14940-68-2 MW: 183.31 MOLFM: O4-Si-Zr
SYN: HYACINTH * SILICIC ACID, ZIRCONIUM(4+) SALT (1:1) * ZIRCON
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ZH9050000 ZIRCONIUM SODIUM LACTATE
UPDT:8404 CAS: 63904-82-5 MW: 397.45 MOLFM: C9-H15-Na-O10-Zr
SYN: SODIUM HYDROGEN TRILACTATOZIRCONYLATE
TUMORIGENIC DATA AND REFERENCES:
2V02D45 idr-mus TDLo:200 mg/kg JIDEAE 57,411,71
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZIRCONIUM SODIUM LACTATE see: OD5775000
ZIRCONIUM SULFATE (DOT) see: ZH9100000
ZIRCONIUM SULPHATE see: ZH9100000

ZH9100000 ZIRCONIUM(IV) SULFATE (1:2)
UPDT:8404 CAS: 14644-61-2 MW: 283.34 MOLFM: O8-S2 Zr
SYN: DISULFATOZIRCONIC ACID * NA 9163 (DOT) * SULFURIC ACID, ZIRCONIUM(4+) SALT (2:1) * ZIRCONIUM SULFATE (DOT) * ZIRCONIUM SULPHATE * ZIRCONYL SULFATE
REPRODUCTIVE EFFECTS DATA AND REFERENCES:
1T02 itt-rat TDLo:22667 ug/kg (1D male) JRPFA4 7,21,64
TOXICITY DATA AND REFERENCES:
1F07 orl-rat LD50:3500 mg/kg AIHOAX 1,637,50
1F07 ipr-rat LD50:175 mg/kg AIHOAX 1,637,50
scu-rat LDLo:500 mg/kg NTIS** AEC-TR-6710
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74
★ DOT-HAZARD:ORM-B; LABEL:NONE CFRGBR 49,172.101,82
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZIRCONIUM TETRACHLORIDE see: ZH7175000
ZIRCONIUM TETRACHLORIDE, SOLID (DOT) see: ZH7175000
ZIRCONIUM TETRAFLUORIDE see: ZH7875000

ZH9280000 ZIRCONIUM, TETRAKIS(2,4-PENTANEDIONATO-O,O')-
UPDT:8404 CAS: 17501-44-9 MW: 487.70 MOLFM: C20-H28-O8-Zr
SYN: 2,4-PENTANEDIONE, ZIRCONIUM COMPLEX * ZIRCONIUM, ACETYL-, ACETONATE
TOXICITY DATA AND REFERENCES:
3C08DJ5J22 ipr-mus LD50:316 mg/kg NTIS** AD441-640
2D17D26 ocu-gpg LDLo:50 mg/kg NTIS** AD441-640
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
REPORTED IN EPA TSCA INVENTORY, 1983

ZIRCONOCENE, DICHLORIDE see: ZH7525000
ZIRCONYL ACETATE see: ZH7100000
ZIRCONYL CHLORIDE see: ZH7700000
ZIRCONYL CHLORIDE OCTAHYDRATE see: ZH7250000

ZH9750000 ZIRCONYL CITRATE
DEF:Soluble salt (JIDEAE 38,223,62)
UPDT:8412 CAS: 22830-18-8 MOLFM: C6-H8-O7 xZr
TOXICITY DATA AND REFERENCES:
3R10R11R12 idr-man TDLo:170 ug/kg/I JIDEAE 38,223,62
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74
STATUS:
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE

ZIRCONYL HYDROXYCHLORIDE see: ZH7200000
ZIRCONYL NITRATE see: ZH7140000

ZI0175000 ZIRCONYL SODIUM CITRATE
UPDT:7901
SYN: ZIRCONYL TRISODIUM CITRATE
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:1710 mg/kg JPETAB 94,1,48
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74

ZI0200000 ZIRCONYL SODIUM GLUCONATE
UPDT:7901
TOXICITY DATA AND REFERENCES:
ipr-rat LD50:247 mg/kg JPETAB 94,1,48
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74

ZI0350000 ZIRCONYL SODIUM SULPHATE
UPDT:7908 CAS: 24735-35-1 MW: 644.66 MOLFM: Na2-O18-S4-Zr2
SYN: OXOBIS(SULFATO(2-)-O)-ZIRCONATE(2-), DISODIUM (9CI) * SODIUM ZIRCONIUM OXIDE SULFATE * SODIUM ZIRCONYL SULPHATE * ZIRCONATE(2-), OXODISULFATO-, DISODIUM (8CI)
TOXICITY DATA AND REFERENCES:
1F07 ipr-rat LD50:4100 mg/kg AIHOAX 1,637,50
REVIEW AND REFERENCES:
★ TLV-TWA 5 mg(Zr)/m3;STEL 10 mg(Zr)/m3 DTLVS* 4,447,80
STANDARDS & REGULATIONS:
★ OSHA STANDARD-air:TWA 5 mg(Zr)/m3 (SCP-X) FEREAC 39,23540,74

ZIRCONYL SULFATE see: ZH9100000
ZIRCONYL TRISODIUM CITRATE see: ZI0175000
ZIREX 90 see: ZH0525000
ZIRIDE see: ZH0525000
ZIRPON see: TZ0175000
ZIRTHANE see: ZH0525000
ZITEX H 662-124 see: KX4025000
ZITEX K 223-122 see: KX4025000
ZITHIOL see: WM8400000
ZITOSTOP see: OP3605000
ZITOX see: ZH0525000
ZITOXIL see: TL9310000
ZITRONELL OEL (German) see: GE8750000
ZITRONEN OEL (German) see: OG8300000
ZIXORYN see: DC8525000

ZIZIPHUS JUJUBA Lam., leaf and stem extract see: ZI0466350

ZI0466200 ZIZYPHUS GLABERRIMA Santapau, extract excluding roots
DEF:Indian plant belonging to the family RHAMNACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: GHATBOR EXTRACT
TOXICITY DATA AND REFERENCES:
1U26 ipr-mus LD50:500 mg/kg IJEBA6 11,43,73

ZI0466300 ZIZYPHUS JUJUBA Lamk., extract excluding roots
DEF:Indian plant belonging to the family RHAMNACEAE (IJEBA6 11,43,73)
UPDT:8302
SYN: BER EXTRACT
TOXICITY DATA AND REFERENCES:
1H30 ipr-mus LD50:1000 mg/kg IJEBA6 11,43,73

ZI0466350 ZIZIPHUS MAURITIANA Lam., leaf and stem extract
DEF:Jamaican plant belonging to the family RHAMNACEAE (JPPMAB 16,115,64)
UPDT:8405
SYN: ZIZIPHUS JUJUBA Lam., leaf and stem extract
TOXICITY DATA AND REFERENCES:
1H02 ipr-mus LDLo:40 gm/kg JPPMAB 16,115,64

ZI0466400 ZIZYPHUS RUGOSA Lam., fruit and stem extract
DEF:Indian plant belonging to the family RHAMNACEAE (IJEBA6 7,250,69)
UPDT:8302
SYN: CHUNKUNDI FRUIT and STEM EXTRACT * CHUNKUNDI STEM and FRUIT EXTRACT
TOXICITY DATA AND REFERENCES:
3D35H30V30 ipr-mus LD50:500 mg/kg IJEBA6 7,250,69

ZI0466450 ZIZIPHUS SATIVA Gaertn., leaf and stem extract
DEF:Indian plant belonging to the family RAMNACEAE (IJEBA6 16,228,78)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2M10P02 ipr-rat LD50:500 mg/kg IJEBA6 16,228,78

ZI0466530 ZIZYPHUS XYLOPYRUS Willd., extract
DEF:Indian plant belonging to the family RHAMNACEAE (IJEBA6 7,250,69)
UPDT:8305
SYN: JANGLIBER EXTRACT
TOXICITY DATA AND REFERENCES:
* ipr-mus LD50:1000 mg/kg IJEBA6 7,250,69

ZK 26173 see: QK4420000
ZK 57671 see: MJ8810000
ZK-Nr.26173 see: QK4420000
ZLUT MASELNA (Czech) see: BX7350000
ZMA see: CG3890000
ZMBT see: DL7000000
Z-METHYLPROPYL ACRYLATE see: AT2100000
ZnMB see: DL7000000
ZN 6 see: LV5775000
ZN 100 see: ED6040000
ZN 6-NA see: LV5775000
ZOALENE see: XS4200000
ZOAMIX see: XS4200000
ZOAPATANOL see: RA9710000
ZOAPATLE, crude leaf extract see: QC4489100
ZOAPATLE, leaf extract see: QC4489050
ZOAPATLE, semi-purified leaf extract see: QC4489200
ZOBA BLACK D see: SS8050000
ZOBA BROWN P BASE see: SJ5075000
ZOBA BROWN RR see: ST3000000
ZOBA EG see: SJ4900000
ZOBA ERN see: QL2800000
ZOBA 3GA see: SJ4950000
ZOBA GKE see: XS9625000
ZOBAR see: DH7700000
ZOBAR see: TQ1400000
ZOBA SLE see: ST2705000
ZOGEN DEVELOPER H see: XS9625000
ZOLAMIDE SODIUM see: XI4400000
ZOLAPHEN see: UQ8225000
ZOLCIENI POLACTYNOWEJ G (Polish) see: GE5170000
ZOLICEF see: XI0390000 5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-(((5-METHYL1,3,4-THIADIAZOL-2-YL) THIO)METHYL)-8-OXO-7-(((1H-TETRAZOL-1-YL)ACETYL)AMINO)-, (6R-trans)-,SODIUM SALT
ZOLIDINUM see: UQ8225000
ZOLIMIDIN see: NJ5758500
ZOLIMIDINE see: NJ5758500
ZOLIMIDINE HYDROCHLORIDE see: NJ5760000 IMIDAZO(1,2-a)PYRIDINE, 2-(p-METHYLSULFONYLPHENYL)-, HYDROCHLORIDE
ZOLIRIDINE see: NJ5758500
ZOLON see: TD5175000
ZOLONE see: TD5175000
ZOLONE PM see: TD5175000
ZOMAX see: UX9277000
ZOMEPIRAC see: UX9277000
ZOMEPIRAC SODIUM see: UX9277000
ZOMEPIRAC SODIUM SALT see: UX9277000
ZONAZIDE see: NS1750000
ZONDEL see: DN7360000
ZONGORINE see: WG0780000
ZONIFUR see: AJ1075000
ZOUCOUMARIN (Russian) see: GN4550000
ZOOFURIN see: MU2800000
ZOOLON see: TD5175000
ZOMINE YELLOW R see: GD0197800
ZOPAQUE see: XR2275000
ZORANE see: UQ8225000
ZORBAMYCIN see: ZI2300000

ZI2300000 ZORBAMYCIN, HYDROCHLORIDE
UPDT:8309 CAS: 11056-20-5 MW: 1610.32 MOLFM: C56-H100-N18-O24-S2 Cu .2Cl-H
SYN: U-30604E * ZORBAMYCIN
MUTATION DATA AND REFERENCES:
pic-esc 100 ng/plate CNREAB 43,2819,83
TOXICITY DATA AND REFERENCES:
ipr-mus LD50:22 mg/kg UPJOH* 2,-,71

ZORIFLAVIN see: AR9660000
ZORUBICIN see: DG3345000
ZORUBICIN HYDROCHLORIDE see: VL8420000
ZOTEPINE see: HQ2541700
ZOTHELONE see: VC4022500
ZOTIL see: GN4900000
ZOTOX see: CG2275000
ZOTOX see: CG0700000
ZOTOX CRAB GRASS KILLER see: CG0700000
ZOVIRAX see: UO7504000
ZOXAMIN see: DM4550000
ZOXAZOLAMINE see: DM4550000
ZOXINE see: DM4550000
ZP see: ZH4900000
ZP 680 see: XW6655000
Z 3 (PESTICIDE) see: FG1575000
ZPT see: ZH0950000
ZnPT see: ZH0950000
ZR 512 see: JR1700000
ZR-777 see: JR1760000
ZR-856 see: GZ2010000
Z10-TR see: DF1400000
ZUCLOMIFENE see: YE0820000
ZUCLOMIPHENE see: YE0820000
ZUCLOMIPHENE CITRATE see: YE0930000 TRIETHYLAMINE, 2-(p-(2-CHLORO-1,2-DIPHENYLVINYL)PHENOXY)-, CITRATE (1:1), (Z)-
ZUMARIL see: AF2100000
ZUTRACIN see: CP0175000
ZWAVELWATERSTOF (Dutch) see: MX1225000
ZWAVELZUUROPLOSSINGEN (Dutch) see: WS5600000
ZWICKAU GREEN see: GL6475000
ZWITSALAX see: CB6550000
ZYBAN see: BA3675000

ZI2513200 ZYBAN
DEF:DIMETHYL 4,4-O-PHENYLENE-BIS(3-THIOALLOPHANATE) 15%; ZINC MANGANESEETHYLENEBIS DITHIOCARBAMATE 60% and inert ingredients 25% (FMCHA2 -,C260,83)
UPDT:8309
TOXICITY DATA AND REFERENCES:
* orl-rat LD50:10200 mg/kg FMCHA2 -,C260,83
* skn-rbt LD50:8000 mg/kg FMCHA2 -,C260,83

ZYGOMYCIN A1 see: WK2315000

ZI2515000 ZYGOPHYLLUM COCCINEUM, extract
DEF:Extracted from Egyptian plant (BFPHAB 6,245,67)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2F05F18 scu-frg LD50:250 gm/kg BFPHA8 6,245,67

ZI2515100 ZYGOPHYLLUM DECUMBENS, extract
DEF:Extracted from Egyptian plant (BFPHA8 6,265,67)
UPDT:8412
TOXICITY DATA AND REFERENCES:
2F07F13 scu-frg LD50:175 gm/kg BFPHA8 6,265,67

ZYGOSPORIN A see: GZ4850000
ZYGOSPORIN D see: HA5304000
N-(ZYKLOHEXYL)-SYDNONIMIN HYDROCHLORID (German) see: WU7678000
ZYKLOPHOSPHAMID (German) see: RP5950000
ZYLOPRIM see: UR0785000
ZYLORIC see: UR0785000
ZYMOFREN see: YN5080000
ZYMOSTANOL see: FZ6350000
ZYTEL 211 see: TQ9800000
ZYTOX see: PA4900000
ZYTRON see: TB5075000
ZYXORIN see: DC8525000
ZZ-DORICIDA see: DB8000000

BEST COPY

BLANK PAGE

1944

RTECS Bibliographic References

BLANK PAGE

1946

AAAHAN	Australian Journal of Experimental Agriculture and Animal Husbandry. (Commonwealth Scientific & Insustrial Research Organization, POB 89, E. Melbourne, Vic 3002, Australia) V.1- 1961-
AAATAP	Annali dell'Accademia di Agricoltura di Torino Academia de Agricoltura, Via Andrea Doria 10, Turin, Italy) V.119- 1976/77-
AABEAJ	Acta Anaesthesiologica Belgica. (Publications Acta Medica Belgica, rue des Champs-Elysees 43, 1050 Brussels 5, Belgium) V.1- 1950-
AABIAV	Annals of Applied Biology. (Biochemical Society, P.O. Box 32, Commerce Way, Whitehall Industrial Estate, Colchester CO2 8HP, Essex, England) V.1- 1914-
AACHAX	Antimicrobial Agents and Chemotherapy. (Ann Arbor, MI) 1961-70. For publisher information, see AMACCQ
AACRAT	Anesthesia and Analgesia; Current Research. (International Anesthesia Research Society, 3645 Warrensville Center Rd., Cleveland, OH 44122) V.36- 1957-
AAGAAW	Antimicrobial Agents Annual. (New York, NY) 1960-60. For Publisher information, see AMACCQ
AAGEAA	Arkhiv Anatomii, Gistologii i Embriologii. Archives of Anatomy, Histology and Embryology. (v/o 'Mezhdunar Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1- 1916-
AAHEAF	Archives d'Anatomie, d'Histologie & d'Embryologie. (Editions Alsatia, 10 rue Bartholdi, 68001 Colmar, France) V.1- 1922-
AAJRDX	AJR, American Journal of Roentgenology. (Charles C. Thomas Publisher, 301-327 E. Lawrence Ave., Springfield, IL 62717) V.126- 1976-
AAMLAR	Atti della Accademia Medica Lombarda. (The Academy, c/o Prof. W. Montorsi, Festa del Perdono 3, Milan, Italy) V.20-29, 1931-40; V.15- 1960-
AAMMAU	Archives d'Anatomie Microscopique et de Morphologie Experimentale. (Masson Publishing USA, Inc. 14 E. 60th St., New York, NY 10022) V.36- 1947-
AANEAB	Acta Anaesthesiologica Scandinavica. (Munksgaard, 35 Noerre Soegade, DK-1370, Copenhagen K, Denmark) V.1- 1957-
AANFAE	Annales de l'Anesthesiologie Francaise. (Doin Editeurs, 8 Place de l'Odeon, F-75006 Paris, France) V.1- 1960-
AANIBO	Acta Anaesthesiologica Italica. (Tipografia la Garangola, Via Montana 4, 35100 Padua, Italy) V.23- 1972-
AANLAW	Atti della Accademia Nazionale dei Lincei, Rendiconti della Classe di Scienze Fisiche, Matematiche e Naturali. (Academia Nazionale dei Lincei, Ufficio Pubblicazioni, Via della Lungara, 10, I-00165 Rome, Italy) V.1- 1946-
AAOPAF	AMA Archives of Ophthalmology. (Chicago, IL) V.44, No.4-63, 1950-60. For publisher information, see AROPAW
AAREAV	Anesthesie, Analgesie, Reanimation. (Masson et Cie, Editeurs, 120 Blvd. Saint Germain, P-75280, Paris 06, France) V.14- 1957-
AASXAP	Acta Anaesthesiologica Scandinavica, Supplementum. (Munksgaard 35 Noerre Soegade, DK-1370, Copenhagen K, Denmark) No.1- 1959-
ABABAC	Annales de Biologie Animale, Biochimie, Biophysique. (Institut National de la Recherche Agronomique, Service des Publications, Route de Saint-Cyr, 78 Versailles, France) V.1- 1961-
ABAHAU	Acta Biologica Academiae Scientiarum Hungaricae. (Kultura, P.O. Box 149, H-1389 Budapest, Hungary) V.1- 1950-
ABANAE	Antibiotics Annual. (New York, NY) 1953-60. For publisher information, see AMACCQ
ABBIA4	Archives of Biochemistry and Biophysics. (Academic Press, 111 5th Ave., New York, NY 10003) V.31- 1951-
ABBPAP	Acta Biochimica et Biophysica. (Kultura, PO Box 149, Budapest 62, Hungary) V.1- 1966-
ABCHA6	Agricultural and Biological Chemistry. (Maruzen Co. Ltd., P.O.Box 5050 Tokyo International, Tokyo 100-31, Japan) V.25- 1961-
ABEMAV	Annals of Biochemistry and Experimental Medicine. (Calcutta, India) V.1-23, 1941-63. For publisher information, see IJEBA6
ABHYAE	Abstracts on Hygiene. (Bureau of Hygiene and Tropical Diseases, Keppel St., London WC1E 7HT, England) V.1- 1926-
ABILAE	Archives de Biologie. (Vaillant-Carmanne, SA rue Fond Saint-Servais, 14 B.P.22, B-4000 Liege, Belgium) V.1- 1880-
ABMGAJ	Acta Biologica et Medica Germanica. (Akademie-Verlag GmbH, Leipziger St. 3-4, 108 Berlin, E. Germany) V.1- 1958-
ABMHAM	Archives Belges de Medicine Social, Hygiene, Medicine du Trevail et Medicine Legale. (Publications Acta Medica Belgica, rue des Champs- Elysees 43, 1050 Brussels 5, Belgium) V.4- 1946-
ABMPAC	Advances in Biological and Medical Physics. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1948
ABPYBL	Advances in Biochemical Psychopharmacology. (Raven Press, 1140 Avenue of the Americas, New York, NY 10036) V.1- 1969
ABSYB2	Alfred Benzon Symposium. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1968-
ABTTAP	Arquivos de Biologia Technologia. (Instituto de Biologia e Pesquisas Technologicas, Caixa Postal, 939 Curitiba, Parana, Brazil) V.1-11, 1946-56; V.12- 1966-
ACAEAS	Acta Anaesthesiologica. (Padua, Italy) V.1-22, 1950-71. For publisher information, see AANIBO
ACATA5	Acta Anatomica. (S. Karger AG, Arnold-Boecklin-St 25, CH-4000 Basel 11, Switzerland) V.1- 1945-
ACCBAT	Acta Clinica Belgica. (Association des Societes Scientifiques Medicales Belges, rue des Champs-Elysees, 43, 1050 Brussels 5, Belgium) V.1- 1946-
ACEDAB	Acta Endocrinologica, Supplementum. (Periodica, Skolegade 12E, 2500 Copenhagen-Valby, Denmark) No.1- 1948-
ACENA7	Acta Endocrinologica. (Periodica, Skolegade 12E, 2500 Copenhagen-Valby, Denmark) V.1- 1948-
ACHAAH	Acta Haematologica. (S. Karger AG, Arnold-Boecklin-St 25, CH-4000 Basel 11, Switzerland) V.1- 1948-
ACHSA3	Acta Chirurgica Scandinavica. (Almqvist & Wiksell, P.O. Box 62, 26 Gamla Brogatan, S-101 20 Stockholm, Sweden) V.52- 1919-
ACHTA6	Antibiotica et Chemotherapia. (Basel, Switzerland) V.1-16, 1954-68. For publisher information, see ANBCB3
ACIEAY	Angewandte Chemie, International Edition. (Verlag Chemie GmbH, Postfach 1260/1280, D6940, Weinheim, Germany) V.1- 1962-
ACJOAZ	American Chemical Journal. (Baltimore, MD) V.1-50, 1879-1913. For publisher information, see JACSAT
ACLRBL	Annals of Clinical Research. (Finnish Medical Society, Duodecim Runeberginkatu 47A, SF-00260 Helsinki 26, Finland) V.1- 1969-
ACLSCP	Annals of Clinical Laboratory Science. (1833 Delancey Pl., Philadelphia, PA 19103) V.1- 1971-
ACMDBI	Acta Medica. (Instituto Politecnico Nacional, Escvele Superior de Medicina, Prolongacion de Diaz Miron y Plan de San Luis, Mexico) V.1- 1965-

ACNSAX	Activitas Nervosa Superior. (Avicenum, Malostranske nam. 28, Prague 1, Czechoslovakia) V.1- 1959-
ACPAAN	Acta Paediatrica. (Stockholm, Sweden) V.1-53, 1921-64. For publisher information, see APSVAM
ACRAAX	Acta Radiologica. (Stockholm, Sweden) V.1-58, 1921-62. For publisher information, see ACRDA8
ACRDA8	Acta Radiologica: Diagnosis. (Box 7449, S-10391 Stockholm, Sweden) NS.V.1- 1963-
ACRSAJ	Advances in Cancer Research. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1953-
ACRSDM	Alcoholism: Clinical and Experimental Research. (Grune & Stratton, Inc., 111 5th Ave., New York, NY 10003) V.1- 1977-
ACSAA4	Acta Chemica Scandinavica. (Munksgaard, 35 Noerre Soegade, DK-1370, Copenhagen K, Denmark) V.1-27, 1947-73.
ACTRAQ	Acta Tropica. (Schwabe & Co., Steintorstr., 13, CH-4010 Basel, Switzerland) V.1 1944-
ACVEAV	Acta Cientifica Venezolana. (Apartado del Este 5843, Caracas. Venezuela) V.1- 1950-
ACVIA9	Acta Vitaminologica. (Milan, Italy) V.1-20, 1947-66. For publisher information, see AVEZA6
ACVTA8	Acta Veterinaria. (Jugoslovenska Knjiga, Terazije 27/II, Belgrade, Yugoslavia) V.1- 1951-
ACYTAN	Acta Cytologica. (Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202) V.1- 1957-
ADBBBW	Advances in Behavioral Biology. (Plenum Publishing Corp., 233 Spring Spring St., New York, NY 10013) V.1- 1971-
ADCHAK	Archives of Disease in Childhood. (British Medical Journal, 1172 Commonwealth Avenue, Boston, MA 02134) V.1- 1926-
ADCMAZ	Advances in Chemotherapy. (New York, NY) V.1-3, 1964-68. For publisher information, see AVPCAQ
ADCSAJ	Advances in Chemistry Series. (American Chemical Society, 1155 16th St., N.W., Washington, DC 20036) No.1- 1950-
ADENAE	Advances in Enzymology & Related Subjects of Biochemistry. (New York, NY) V.1-28, 1941-66. For publisher information, see AERAAD
ADMFAU	Archiv fuer Dermatologische Forschung. (Secaucus, NJ) V.240-252, No.4, 1971-75. For publisher information, see ADREDL
ADRCAC	Annali Italiani di Dermatologia Clinica e Sperimentale. (Clinica Dermosifilopatica Universita degli Studi, Policlinica Monteluce, 06100 Perugia, Italy) V.16- 1962-
ADREDL	Archives of Dermatological Research. (Springer-Verlag New York, Inc., Service Center, 44 Hartz Way, Secaucus, NJ 07094) V.253- 1975-
ADRPBI	Advances in Reproductive Physiology. (Academic Press, 111 Fifth Ave., New York, NY 10003) V.1-6, 1966-73, Discontinued
ADSRDV	Advances in Shock Research. (Alan R. Liss, Inc., 150 Fifth Ave., New York, NY 10011) V.1- 1979-
ADSYAF	Archives of Dermatology and Syphilology. (Chicago, IL) V.1-62, 1920-60. For publisher information, see ARDEAC
ADTEAS	Advances in Teratology. (Academic Press, 111 5th Ave., New York, NY 10003) V.1-5, 1966-72, Discontinued
ADVEA4	Acta Dermato-Venereologica. (Almqvist & Wiksell International, Box 62, S-101 20 Stockholm, Sweden) V.1- 1920-
ADVPA3	Advances in Pharmacology. (New York, NY) V.1-6, 1962-68. For publisher information, see AVPCAQ
ADVPB4	Advances in Planned Parenthood. (Excerpta Medica, Inc., POB 3085 Princeton, New Jersey 08540) V.1- 1967-
ADWMAX	Abhandlungen der Deutschen Akademie der Wissenschaften zu Berlin, Klasse fuer Medizin. (Akademie-Verlag GmbH, Leipziger Str. 3-4, DDR-108 Berlin, German Democratic Republic) 1950-
AECTCV	Archives of Environmental Contamination and Toxicology. (Springer-Verlag New York, Inc., Service Center, 44 Hartz Way, Secaucus, NJ 07094) V.1- 1973-
AEEDDS	Adverse Effects of Environmental Chemicals and Psychotropic Drugs. (Elsevier North Holland, Inc., 52 Vanderbilt Ave., New York, NY 10017) V.1- 1973-
AEEXAH	Acta Embryologiae Experimentalis. (Via Archirafi 18, 90123 Palermo, Italy) No. 1- 1969-
AEFTAA	Acta Europaea Fertilitatis. (Piccin Medical Books, Via Brunacci, 12, 35100 Padua, Italy) V.1 1969-
AEHA**	U. S. Army, Environmental Hygiene Agency Reports. (Edgewood Arsenal, MD 21010)
AEHLAU	Archives of Environmental Health. (Heldreff Publications, 4000 Albemarle St., N.W., Washington, D.C. 20016) V.1- 1960-
AEMBAP	Advances in Experimental Medicine and Biology. (Plenum Publishing Corp., 233 Spring St., New York, NY 10013) V.1- 1967-
AEMIDF	Applied and Environmental Microbiology. (American Society for Microbiology, 1913 I St., N.W., Washington, DC 20006) V.31- 1976-
AEMMBP	Annales d'Embryologie et de Morphogenese. (Paris, France) V.1-7, 1968-74. Discontinued
AEPPAE	Naunyn-Schmiedeberg's Archiv fuer Experimentelle Pathologie und Pharmakologie. (Berlin, Germany) V.110-253, 1925-66. For publisher information, see NSAPCC
AERAAD	Advances in Enzymology and Related Areas of Molecular Biology. (Wiley, 605 3rd Ave., New York, NY 10016) V.29- 1967-
AESAAI	Annals of the Entomological Society of America. (Entomological Society of America, 4603 Calvert Road, College Park, MD 20740) V.1- 1908-
AETODY	Advances in Modern Environmental Toxicology. (Senate Press, Inc., P.O. Box 252, Princeton Junction, NJ 08550) V.1- 1980-
AEXPBL	Archiv fuer Experimentelle Pathologie und Pharmakologie. (Leipzig, Germany) V.1-109, 1873-1925. For publisher information, see NSAPCC
AEZRA2	Advances in Enzyme Regulation. (Pergamon Press, Headington Hill Hall, Oxford OX3 OBW, England) V.1- 1963-
AFDOAQ	Association of Food and Drug Officials of the United States, Quarterly Bulletin. (Editorial Committee of the Association, P.O. Box 20306, Denver, CO 80220) V.1- 1937-
AFPCAG	Acta Facultatis Pharmaceuticae, Universitatis Comenianae. (Ustredna Kniznica Farmaceuticka Fakulta Univerzity Komenskeho, Kolinciakova 8, 886 34 Bratislava, Czechoslovakia) V.14- 1967-
AFPEAM	Archives Francaises de Pediatrie. (Doin Editeurs 8, Place de l'Odeon, F-75006 Paris, France) V.1- 1942-
AFQSAZ	Anais de Farmacia e Quimica de Sao Paulo. (Sociedade de Farmacia e Quimica de Sao Paulo, Avenida Brigadeiro Luis Antonio, 393, 7.o, Sao Paulo, Brazil) V.6- 1953-
AFREAW	Advances in Food Research. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1948-

AFTOD7	Archivos de Farmacologia y Toxicologia. (Universidad Complutense, Facultad de Medicina, Departamento Coordinado de Farmacologia, Ciudad Universitaria Madrid 3, Spain) V.1- 1975-
AGACBH	Agents & Actions, A Swiss Journal of Pharmacology. (Birkhaeuser Verlag, P.O. Box 34, Elisabethenst 19, CH-4010, Basel, Switzerland) V.1- 1969/70-
AGDJAI	Journal of the Academy of General Dentistry. V.1- 1952(?)-
AGGHAR	Archiv fuer Gewerbepathologie und Gewerbehygiene. (Berlin, Germany) V.1-18, 1930-61. For publisher information, see IAEHDW
AGMGAK	Acta Geneticae Medicae et Gemellologiae. (Cappelli Editore, Via Marsili 9, I-40124 Bologna, Italy) V.1- 1952-
AGNKA3	Archiv fuer Genetik. (Orell Fuessli Graphische Betriebe AG, Postfach A8036, CH-8022 Zurich, Switzerland) V.45- 1972-
AGNYDE	Aging. (Raven Press, 1140 Avenue of the Americas, New York, NY 10036) V.1- 1975-
AGPSA3	AMA Archives of General Psychiatry. (Chicago, IL) V.1-2, 1959-60. For publisher information, see ARGPAQ
AGSOA6	Agressologie. Revue Internationale de Physio-Biologie et de Pharmacologie Appliquees aux Effets de l'Agression. (Masson et Cie, Editeurs, 120 Blvd. Saint-Germain, P-75280, Paris 06, France) V.1- 1960-
AGTQAH	Annales de Genetique. (Expansion Scientifique Francaise, 5 rue Saint- Benoit, F-75278, Paris 06, France) V.1- 1958-
AHBAAM	Archiv fuer Hygiene und Bakteriologie. (Munich, Germany) V.101-154, 1929-71. For publisher information, see ZHPMAT
AHEMA5	Anatomia, Histologia, Embryologia. (Verlag Paul Parey, Linderstr. 44-47, D-1000 Berlin 61, Fed. Rep. Ger.) V.2- 1973-
AHISA9	Acta Histochemica. Zeitschrift fuer Histologische Topochemie. (VEB Gustav Fischer Verlag, Postfach 176, Villengang 2, DDR-69, Jena, Germany) V.1- 1954-
AHJOA2	American Heart Journal. (C.V. Mosby Co., 11830 Westline Industrial Dr., St. Louis, MO 63141) V.1- 1925-
AHRAAY	Arhiv za Higijenu Rada. Archives of Industrial Hygiene. (Zagreb, Yugoslavia) V.1-6, 1950-55. For publisher information, see AHRTAN
AHRTAN	Arhiv za Higijenu Rada i Toksikologiju. Archives of Industrial Hygiene and Toxicology. (Jugoslovenska Knjiga, P.O. Box 36, Terazije 27, 11001, Belgrade, Yugoslavia) V.7- 1956-
AHYGAJ	Archiv fuer Hygiene. (Munich, Germany) V.1-100, 1883-1928. For publisher information, see ZHPMAT
AICCA6	Acta Unio Internationalis Contra Cancrum. (Louvain, Belgium) V.1-20, 1936-64. For publisher information, see IJCNAW
AICMA2	Archivos del Instituto de Cardiologia de Mexico. (Instituto de Cardiologia de Mexico, Juan Badiano No.1, Mexico City 22, Mexico) V.14- 1944-
AIDZAC	Aichi Ika Daigaku Igakkai Zasshi. Journal of the Aichi Medical Univ. Assoc. (Aichi Ika Daigaku, Yazako, Nagakute-machi, Aichi-gun, Aichi- Ken 480-11, Japan) V.1- 1973-
AIHAAP	American Industrial Hygiene Association Journal. (AIHA, 475 Wolf Ledges Pkwy., Akron, OH 44311) V.19- 1958-
AIHAM*	Annual Meeting of American Industrial Hygiene Association. For publisher information, see AIHAAP
AIHOAX	Archives of Industrial Hygiene and Occupational Medicine. (Chicago, IL) V.1-2, No.3, 1950. For publisher information, see AEHLAU
AIHQA5	American Industrial Hygiene Association Quarterly. (Baltimore, MD) V.7-18, 1946-57. For publisher information, see AIHAAP
AIMDAP	Archives of Internal Medicine. (American Medical Association, 535 N. Dearborn St., Chicago, IL 60610) V.1- 1908-
AIMEAS	Annals of Internal Medicine. (American College of Physicians, 4200 Pine St., Philadelphia, PA 19104) V.1- 1927-
AIMJA9	Ain Shams Medical Journal (Ain Shams Clinical and Scientific Society, c/o Ain Shams University Hospital, Abbassia, Cairo, Egypt) V.1- 1950-
AIPAAV	Annales de l'Institut Pasteur. (Paris, France) V.1-123, 1887-1972. For publisher information, see ANMBCM
AIPBAY	Archives Internationales de Physiologie et de Biochimie. (Madame Duchateau-Bosson, Secretaire de la Redaction, 17, Pl. Delcour, Liege 4020, Belgium) V.63- 1955-
AIPHAI	Archives Internationales de Physiologie. (Liege, Belgium) V.1-62, 1904-54. For publisher information, see AIPBAY
AIPTAK	Archives Internationales de Pharmacodynamie et de Therapie. (Editeurs, Institut Heymans de Pharmacologie, De Pintelaan 135, B-9000 Ghent, Belgium) V.4- 1898-
AIPUAN	Archivio Italiano di Patologia e Clinica dei Tumori. (Istituto di Farmacologia della Universita, Via Vanvitelli 32, 20129 Milan, Italy) V.1-15, 1957-72, Discontinued
AISFAR	Archivio Italiano di Scienze Farmacologiche. (Modena, Italy) 1932-65. Discontinued.
AISSAW	Annali dell'Istituto Superiore di Sanita. (Istituto Poligrafico dello Stato, Libreria dello Stato, Piazza Verdi, 10 Rome, Italy) V.1- 1965-
AITDAQ	Archiwum immunologii i Terapii Doswiadczalnej. (Warsaw, Poland) V.1-9, 1953-61. For publisher information, see AITEAT
AITEAT	Archivum Immunologiae et Therapiae Experimentalis. (Ars Polona-RUCH, P.O. Box 1001, P-00 068 Warsaw, 1, Poland) V.10- 1962-
AITRD3	Annual Report of the Inhalation Toxicology Research Institute. (NTIS, 5285 Port Royal Rd., Springfield, VA 22161) 1972/73-
AJANA2	American Journal of Anatomy. (Alan R. Liss Inc., 150 5th Ave., New York, NY 10011) V.1- 1901-
AJBSAM	Australian Journal of Biological Sciences. (Commonwealth Scientific and Industrial Research Organization, POB 89, E. Melbourne, Vic 3002, Australia) V.6- 1953-
AJCAA7	American Journal of Cancer. (New York, NY) V.15-40, 1931-40. For publisher information, see CNREA8
AJCDAG	American Journal of Cardiology. (Technical Publishing Co., 666 5th Ave., New York, NY 10103) V.1- 1958-
AJCHAS	Australian Journal of Chemistry. (Commonwealth Scientific & Industrial Research Organization, 314 Albert St., P.O. Box 89, E. Melbourne, Victoria, Australia) V.6- 1953-
AJCNAC	American Journal of Clinical Nutrition. (American Society for Clinical Nutrition, Inc., 9650 Rockville Pike, Bethesda, MD 20814) V.2- 1954-
AJCPAI	American Journal of Clinical Pathology. (J.B. Lippincott Co., (Keystone Industrial Park, Scanton, PA 18512) V.1- 1931-
AJDCAI	American Journal of Diseases of Children. (American Medical Assoc., 535 N. Dearborn St., Chicago, IL 60610) V.1-80(3), 1911-50 V.100- 1960-

AJDCBJ	AMA American Journal of Diseases of Children. (Chicago, IL) V.80,No.4-V.90, 1950-55. For publisher information, see AJDCAI
AJDDAL	American Journal of Digestive Diseases. (Plenum Publishing Corp., 233 Spring St., New York, NY 10013) V.5-22, 1938-55., V.1-23, 1956-78
AJDEBP	Australasian Journal of Dermatology. (Australasian College of Dermatologists, 271 Bridge Rd., Glebe, NSW 2037, Australia) V.9- 1967-
AJDKA8	Azabu Juika Daigaku Kenkyu Hokoku. Bulletin of the Azabu Veterinary College. (Azabu Juika Daigaku, 1-17-71, Fuchinobe, Sagamihara, Kanagawa-Ken 229, Japan) No.1-31, 1954-76, V.1- 1976-
AJDNAH	American Journal of Digestive Diseases and Nutrition. (New York, NY) V.1-4, 1934-38. For publisher information, see AJDDAL
AJDRAT	Australian Journal of Dermatology. (Sydney, Australia) V.1-8, 1951-66. For publisher information, see AJDEBP
AJEBAK	Australian Journal of Experimental Biology and Medical Science. (Univ. of Adelaide Registrar, Adelaide, S.A. 5000, Australia) V.1- 1924-
AJEPAS	American Journal of Epidemiology. (Johns Hopkins Univ., 550 N. Broadway, Suite 201, Baltimore, MD 21205) V.81- 1965-
AJGAAR	American Journal of Gastroenterology. (American College of Gastroenterology, Inc., 299 Broadway, New York, NY 10007) V.21- 1954
AJHEAA	American Journal of Public Health. (American Public Health Assoc., Inc., 1015 15th St., N.W., Washington, D.C. 20005) V.2-17, 1912-27; V.61- 1971-
AJHGAG	American Journal of Human Genetics. (University of Chicago Press, 5801 S. Ellis Ave., Chicago, IL 60637) V.1- 1949-
AJHPA9	American Journal of Hospital Pharmacy. (American Society of Hospital Pharmacists, 4630 Montgomery Ave., Washington, DC 20014) V.15- 1958-
AJHYA2	American Journal of Hygiene. (Baltimore, MD) V.1-80, 1921-64. For publisher information, see AJEPAS
AJIMD8	American Journal of Industrial Medicine. (Alan R. Liss, Inc., 150 Fifth Ave., New York, NY 10011) V.1- 1980-
AJMEAZ	American Journal of Medicine. (Yorke Medical Group, 666 5th Ave., New York, NY 10103) V.1- 1946-
AJMSA9	American Journal of the Medical Sciences. (Charles B. Slack, Inc., 6900 Grove Rd , Thorofare, NJ 08086) V.1- 1841-
AJOGAH	American Journal of Obstetrics and Gynecology. (C.V. Mosby Co., 11830 Westline Industrial Dr., St. Louis, MO 63141) V.1- 1920-
AJOMAZ	Alabama Journal of Medical Sciences. (University of Alabama Medical Center, Univ. Station, Birmingham, AL 35294) V.1- 1964-
AJOPAA	American Journal of Ophthalmology. (Ophthalmic Publishing Co., 435 N. Michigan Ave., Chicago, Il 60o11) V.1- 1918-
AJPAA4	American Journal of Pathology. (Harper & Row, Medical Dept., 2350 Virginia Ave., Hagerstown, MD 21740) V.1- 1925-
AJPEAG	American Journal of Public Health & the Nation's Health. (New York, NY) V.18-60, 1928-60. For publisher information, see AJHEAA
AJPHAP	American Journal of Physiology. (American Physiological Society, 9650 Rockville Pike, Bethesda, MD 20814) V.1- 1898-
AJPPAF	American Journal of Physiological Optics. (Southbridge, MA) V.1- 1920-
AJPRAL	American Journal of Pharmacy & the Sciences Supporting Public Health. (Philadelphia College of Pharmacy & Science, 43rd St., Woodland Ave. & Kingsessing Mall, Philadelphia, PA 19104) V.109-150, 1937-78
AJPSAO	American Journal of Psychiatry. (American Psychiatric Association, Publications Services Div., 1700 18th St., N.W., Washington, DC 20009) V.78- 1921-
AJRRAV	American Journal fo Roentgenol, Radium Therapy and Nuclear Medicine. (Springfield, IL) V.67-125, 1952-75. For publisher information, see
AJSGA3	American Journal of Syphilis, Gonorrhea and Venereal Diseases. (St. Louis, MO) V.20-38, 1936-54. Discontinued
AJSNAO	American Journal of Syphilis and Neurology. (St. Louis, MO) V.1-19, 1917-35. For publisher information, see AJSGA3
AJTHAB	American Journal of Tropical Medicine and Hygiene. (Allen Press, 1041 New Hampshire St., Lawrence, KS 66044) V.1- 1952-
AJTMAQ	American Journal of Tropical Medicine. (Baltimore, MD) V.1-31, 1921-51. For publisher information, see AJTHAB
AJVRAH	American Journal of Veterinary Research. (American Veterinary Medical Association, 930 N. Meacham Road, Schaumburg, IL 60196) V.1- 1940-
AKBNAE	Arkhiv Biologicheskikh Nauk. Archives of Biological Sciences. (Moscow, U.S.S.R.) V.1-64, 1892-1941. Discontinued
AKEDAX	Archiv fuer Klinische und Experimentelle Dermatologie. (Berlin, Germany) V.201-239, 1955-71. For publisher information, see ADMFAU
AKGIAO	AKushcherstvo i Ginekologiya. (V/O 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, USSR) No. 1- 1936-
AKMEA8	Archiv fuer Klinische Medizin. (Berlin, Germany) V.212-216, 1966-69. For publisher information, see EJCIB8
ALACBI	Aldrichimica Acta. (Aldrich Chemical Co., Inc., 940 W. St. Paul Ave., Milwaukee, WI 53233) V.1- 1968-
ALEPA8	Acta Leprol. (Publisher unknown) V.1- 1920(?)-
ALJMAO	Antonie van Leeuwenhoek. Journal of Microbiology and Serology. (H. Veenman en Zonen BV, PO Box 7, 6700 AA Wageninen, Netherlands) V.1- 1934-
ALLVAR	Alimentation et la Vie. (Societe Scientifique d'Hygiene Alimentaire, 16, rue de l'Estrapade, 75005 Paris, France) V.39- 1951-
AMACCQ	Antimicrobial Agents & Chemotherapy. (American Society for Microbiology, 1913 I St., N.W., Washington, DC 20006) V.1- 1972-
AMADBS	Archives Francaises des Maladies de l'Appareil Digestif. (Paris, France) V.55-65, 1966-76, For publisher information, see GCBIDC
AMAHA5	Acta Microbiologica Academiae Scientiarum Hungaricae. (Akademiai Kiado, P.O. Box 24, Budapest 502, Hungary) V.1- 1954-
AMASA4	Acta Medica Academiae Scientiarum Hunmgaricae. (Kultura, POB 149 H-1389, Budapest, Hungary) V.1- 1950-
AMBBBR	Acta Microbiologica Polonica, Series B: Microbiologia Appiicata. (Warsaw, Poland) V.1-7, No. 4, 1969-75, For publisher information, see AMPOAX
AMBNAS	Acta Medica et Biologica. (Niigata University School of Medicine, 1 Asahi-machi-dori, Niigata 951, Japan) V.1- 1953-
AMBOCX	Ambio. AJournal of the Human Environment, Research & Management. (Pergamon Press, Inc., Maxwell House, Fairview Park, Elmsford, NY 10523) V.1- 1972-

AMBPBZ	Acta Pathologica et Microbiologica Scandinavica, Section A: Pathology. (Munksgaard, 35 Noerre Soegade, DK-1370, Copenhagen K, Denmark) V.78-82, 1970-74
AMBUCH	Acta Medica Bulgarica. (Durzhavno Izdatelstvo Meditsina i Fizkultura, Pl. Slaveikov 11, Sofia, Bulgaria) V.1- 1973-
AMCTAH	Antibiotic Medicine & Clinical Therapy. (New York, NY) V.3-8, 1956-61. For publisher information, see CLMEA3
AMCYC*	Toxicological Information on Cyanamid Insecticides. (American Cyanamid Co., Agricultural Division, Princeton, NJ 08540)
AMDCA5	AMA Journal of Diseases of Children. (Chicago, IL) V.91-99, 1956-60. For publisher information, see AJDCAI
AMDEAB	AMA Archives of Dermatology. (Chicago, IL) V.71-81, 1955-60. For publisher information, see ARDEAC
AMDNA4	Annali di Medicina Navale. (Lungo Tevere delle Navi, 00100 Rome, Italy) V.66- 1961-
AMEBA7	Annales Medicinae Experimentalis et Biologiae Fenniae. (Mikonkatu 8, Helsinki, Finland) V.25- 1947-
AMICCW	Archives of Microbiology. (Springer-Verlag New York, Inc., Service Center, 44 Hartz Way, Secaucus, NJ 07094) V.95- 1974-
AMIGB9	Acta Microbiologica Polonica, Series A: Microbiologica Generalis. (Warsaw, Poland) V 7, No.4, 1969-75, For publisher information, see AMPOAX
AMIHAB	American Medical Association Archives of Industrial Health. (Chicago, IL) V.11-21, 1955-60. For publisher information. see AEHLAU
AMIHBC	American Medical Association Archives of Industrial Hygiene & Occupational Medicine. (Chicago, IL) V.2-10, 1950-54. For publisher information, see AEHLAU
AMILAN	Annales de Medecine Legale, Criminologie, Police Scientifique et Toxicologie. (Paris, France) V.39-47, 1958-67. For publisher information, see MLDCAS
AMIUAG	Acta Medica Iugoslavica. (Akademija Zbora Lijecnika Hrvatske, Subiceva 9/1, Zagreb, Yugoslavia) V.1- 1947-
AMJPA6	American Journal of Pharmacy. (Philadelphia, PA) V.1-108, 1835-1936. For publisher information, see AJPRAL
AMNTA4	American Naturalist. (University of Chicago Press, 5801 S. Ellis Ave., Chicago, IL 60637) V.1- 1867-
AMNUA7	AMA Archives of Neurology & Psychiatry. (Chicago, IL) V.64-81, 1950-59. For publisher information, see ARNEAS
AMOKAG	Acta Medicia Okayama. (Okayama University Medical School, 2-5-1 Shikata-cho, Okayama 700, Japan) V.8- 1952-
AMOND5	Applied Methods in Oncology. (Elsevier North Holland, Inc., 52 Vanderbilt Ave., New York, NY 10017) V.1- 1978-
AMPLAO	AMA Archives of Pathology. (American Medical Association, 535 N. Dearborn St., Chicago, IL 60610) V.50,No.4-V.69, 1950-60. For publisher information, see APLMAS
AMPMAR	Archives des Maladies Professionnelles de Medecine du Travail et de Securite Sociale. (Masson et Cie, Editeurs, 120 Blvd. Saint-Germain, P-75280, Paris 06, France) V.7- 1946-
AMPOAX	Acta Microbiologica Polonica. (Ars Polona-RUCH, P.O. Box 1001 P-00 068 Warsaw, 1, Poland) V.1-17, No. 4, 1952-68; V.25 1976-
AMPYAT	Annales Medico-Psychologiques. (Masson et Cie, Editeurs, 120 Blvd. Saint-Germain, P-75280, Paris 06, France) V.80- 1922-
AMRL**	Aerospace Medical Research Laboratory Report. (Aerospace Technical Div., Air Force Systems Command, Wright-Patterson Air Force Base, OH 45433)
AMSGAO	AMA Archives of Surgery. (Chicago, IL) V.61-80, 1950-60. For publisher information, see ARSUAX
AMSHAR	Acta Morphologica Academiae Scientiarum Hungaricae. (Akademiai Kiado, P.O. Box 24, H-1389 Budapest 502, Hungary) V.1- 1951-
AMSSAQ	Acta Medica Scandinavica, Supplement. (Almqvist & Wiksell, P.O. Box 62, 26 Gamla Brogatan, S-101, 20 Stockholm, Sweden) No.1- 1921-
AMSVAZ	Acta Medica Scandinavica. (Almqvist & Wiksell, P.O. Box 62, 26 Gamla Brogatan, S-101, 20 Stockholm, Sweden) V.52- 1919-
AMTODM	Advances in Modern Toxicology. (John Wiley & Sons, 605 3rd Ave., New York, NY 10016) V.1, No.1-2, 1976-79. Discontinued
AMTUA3	Acta Medica Turcica. (Dr. Ayhan Okcuoglu, Cocuk Hastalikari Klinig i, c/o Ankara University Tip Facultesi, PK 48, Cebeci, Ankara, Turkey) V.1- 1964-
AMUK**	Acta Medica University Kioto. (Kioto, Japan)
AMZOAF	American Zoologist. (American Society of Zoologists, Box 2739, California Lutheran College, Thousand Oaks, California 91360) V.1- 1961-
ANAEA3	Annals of Allergy. (American College of Allergists, Box 20671, Bloomington, MN 55420) V.1- 1943-
ANAIAF	Annales de la Nutrition et de l'Alimentation. (Centre National de la Recherche Scientifique, 15 Quai Anatole-France, F-75700, Paris, France) V.1- 1941-
ANANAU	Anatomischer Anzeiger. (VEB Gustav Fischer Verlag, Postfach 176, DDR-69, Jena, E. Germany) V.1 1886-
ANASAB	Anaesthesia. (Blackwell Scientific, Osney Mead, Oxford OX2 OEL, England) V.1- 1946-
ANATAE	Anaesthesist. (Springer-Verlag, Heidelberger Pl. 3, D-1000 Berlin 33, Federal Republic of Germany) V.1- 1952-
ANBCA2	Analytical Biochemistry. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1960-
ANBCB3	Antibiotics and Chemotherapy. (S. Karger, AG, Arnold-Boecklin-St 25, Postfach CH-4009 Basel, Switzerland) V.17- 1971-
ANCHAM	Analytical Chemistry. (American Chemical Society, 1155 16th St., N.W., Washington, DC 20036) V.19- 1947-
ANCYC*	Cyanamid Company, Agricultural Division, Princeton, New Jersey 08540
ANDRDQ	Andrologia. (Grosse Verlag, Kurfuerstendamm 152, D-1000 Berlin 31, Federal Republic of Germany) V.6- 1974-
ANENAG	Annales d'Endocrinologie. (Masson et Cie, Editeurs, 120 Blvd. Saint-Germain, P-75280, Paris 06, France) V.1- 1939-
ANESAV	Anesthesiology. (J.B. Lippincott Co., Keystone Industrial Park, Scranton PA 18512) V.1- 1940-
ANGIAB	Angiology. (Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202) V.1- 1950-
ANIFAC	Annales de Chirurgie Infantile. (Paris, France) V.1- 1960(?)-
ANJOAA	Astronomical Journal. (American Institute of Physics, 335 E. 45th St., New York, NY 10017) V.1- 1849-
ANMBCM	Annales de Microbiologie. (Masson et Cie, Editeurs, 120 Blvd. Saint-Germain, P-75280, Paris 06, France) V.124- 1973-
ANOPB5	Annals of Ophthalmology. (American Society of Contemporary Ophthalmology, 211 E. Chicago Ave., Suite 1044, Chicago, IL 60611) V.1- 1969-
ANPBAZ	Acta Neurologia et Psychiatrica Belgica. (Brussels, Belgium) V.48-69, 1948-69. For publisher information, see ANUBBR

BEST COPY

ANPIAM	Arquivos de Neuro-Psiquiatria. (Caixa Postal 30657, 01000 Sao Paulo, Brazil) V.1- 1943-
ANPSAI	Archives of Neurology & Psychiatry. (Chicago, IL) V.1-64, 1919-50. For publisher information, see ARNEAS
ANPTAL	Acta Neuropathologica. (Springer-Verlag New York, Inc., Service Center, 44 Hartz Way, Secaucus, NJ 07094) V.1- 1961-
ANREAK	Anatomical Record. (Alan R. Liss, Inc., 150 5th Ave., New York, NY 10011)V.1- 1906/08-
ANRSAS	Acta Neurologica Scandinavica. (Munksgaard, 35 Noerre Soegade, DK-1370, Copenhagen K, Denmark) V.37- 1961-
ANSUA5	Annals of Surgery. (J.B. Lippincott Co., Keystone Industrial Park, Scranton, PA 18512) V.1- 1885-
ANTBAL	Antibiotiki. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1- 1956-
ANTCAO	Antibiotics & Chemotherapy. (Washington, DC) V.1-12, 1951-62. For publisher information, see CLMEA3
ANTRD4	Anticancer Research. (Anticancer Research, 5 Argyropoulou St., Kato Patissia, Athens 907, Greece) V.1- 1981-
ANUBBR	Acta Neurologica Belgica. (Association des Society Scientifiques, Medicales Belges, rue des Champs-Elysees 43, B-1050 Brussels, Belgium) V.1- 1900-
ANYAA9	Annals of the New York Academy of Sciences. (The Academy, Exec. Director, 2 E. 63rd St., New York, NY 10021) V.1- 1877-
ANZJA7	Australian and New Zealand Journal of Surgery. (Blackwell Scientific Publications, College of Surgeons' Gardens, 99 Barry St., Carlton 3053, Australia) V.1- 1931-
AOBIAR	Archives of Oral Biology. (Pergamon Press, Headington Hill Hall, Oxford OX3 OBW, England) V.1- 1959-
AOGLAR	Acta Obstetrica et Gynaecologica Japonica, English Edition. (Tokyo, Japan) V.16-23, 1969-76. For publisher information, See NISFAY
AOGMAU	Annali di Ostetricia, Ginecologia, Medicina Perinatale. (Via Commenda, 12, 20122 Milan, Italy) V.93- 1972-
AOGNAX	Archivio di Ostetricia e Ginecologia. (C.C. Postale N 6/ 19773, Naples, Italy) V.1- 1937-
AOGSAE	Acta Obstetricia et Gynecologica Scandinavica. (Kvinnokliniken, Lasarettet, Lund, Sweden) V.1- 1921-
AOHYA3	Annals of Occupational Hygiene. (Pergamon Press, Headington Hill Hall, Oxford OX3 OBW, England) V.1- 1958-
AOISDR	Annual Report of Osaka City Institute of Public Health and Environmental Sciences. (Osaka-shiritsu Kankyo Kagaku Kenkyusho, 8-34 Tojo-cho, Tennoji-ku, Osaka 543, Japan) No.43- 1980-
AORLCG	Archives of Oto-Rhino-Laryngology. (Springer-Verlag New York, Inc., Service Center, 44 Hartz Way, Secaucus, NJ 07094) V.206- 1973-
AOSAAK	Acta Orthopaedica Scandinavica. (Munksgaard, 35 Noerre Soegade, DK-1370, Copenhagen K, Denmark) V.1- 1930-
APACAB	Acta Physiologica Academiae Scientiarum Hungaricae. (Akademiai Kiado, P.O. Box 24, H-1389 Budapest 502, Hungary) V.1- 1950-
APAVAY	Virchows Archiv fuer Pathologische, Anatomie und Physiologie, und fuer Klinische Medizin. (Berlin, Germany) V.1-343, 1847-1967. For publisher information, see VAAPB7
APBDAJ	Archiv der Pharmazie und Berichte der Deutschen Pharmazeutischen Gesellschaft. (Weinheim, Germany) V.262-304, 1924-71. For publisher information, see ARPMAS
APDCDT	Advances in Tumour Prevention, Detection and Characterization. (Elsevier North Holland, Inc., 52 Vanderbilt Ave., New York, NY 10017) V.1- 1974-
APEPA2	Naunyn-Schmiedebergs Archiv fuer Pharmakologie und Experimentelle Pathologie. (Berlin, Germany) V.254-263, 1966-69. For publisher information, see NSAPCC
APFRAD	Annales Pharmaceutiques Francaises. (Masson et Cie, Editeurs, 120 Blvd. Saint-Germain, P-75280, Paris 06, France) V.1- 1943-
APHGBP	Acta Pathologica (Belgrade). (Belgrade Univerzitet, Institute de Pathologie, Belgrade, Yugoslavia) V.2/3- 1938-
APHNAB	Acta Paediatrica Academiae Scientiarum Hungaricae. (Akademiai Kiado, P.O. Box 24, H-1389 Budapest 502, Hungary) V.1- 1960-
APHRDQ	Archives of Pharmacal Research. (Pharmaceutical Society of Korea, College of Pharmacy, Seoul National Univ., San 56-1, Sinrim-Dong, Kwanak-ku, Seoul 151, S. Korea) V.1- 1978-
APINAG	Acta Pharmaceutica Internationalia. (Copenhagen, Denmark) V.1-2, 1950-53. Discontinued.
APJAAG	Acta Pathologica Japonica. (Nippon Byori Gakkai, 7-3-1, Hongo, Bunkyo-Ku, Tokyo 113, Japan) V.1- 1951-
APJUA8	Acta Pharmaceutica Jugoslavica. (Jugoslovenska Knjiga, P.O. Box 36, Terazije 27, YU-11001 Belgrade, Yugoslavia) V.1- 1951-
APLAAQ	Acta Paediatrica Latina. (Editrice Arti Grafiche Emiliane, postale 10110427, 42100 Reggio Emilia, Italy) V.1- 1948-
APLMAS	Archives of Pathology and Laboratory Medicine. (American Medical Association, 535 N. Dearbon St., Chicago, Il. 60610) V.1-5, No. 2, 1926-28, V.100- 1976-
APMBAY	Applied Microbiology. (Washington, DC) V.1-30, 1953-75. For publisher information, see AEMIDF
APMIAL	Acta Pathologica et Microbiologica Scandinavica. (Copenhagen, Denmark) V.1-77, 1924-69. For publisher information, see AMBPBZ
APMIBM	Acta Pathologica et Microbiologica Scandinavica, Section B: Microbiology and Immunology. (Copenhagen, Denmark) V.78B-82B, 1970-74. For publisher information, see APSCD2
APMUAN	Acta Pathologica et Microbiologica Scandinavica, Supplementum. (Munksgaard, 35 Noerre Soegade, DK-1370 Copenhagen K, Denmark) No.1- 1926-
APPBAF	Annales de Physiologie et de Physicochimie Biologique. (Paris, France) V.1-16, 1925-40. Discontinued.
APPBDI	Acta Physiologica et Pharmacologica Bulgarica. (Izdatelstvo na Bulgarskata Akademiya na Naukite, St. Geo Milev ul 36, Sofia 13, Bulgaria) V.1- 1974-
APPHAX	Acta Poloniae Pharmaceutica. (Ars Polona-RUCH, P.O. Box 1001, P-00 068 Warsaw, 1, Poland) V.1- 1937-
APPNAH	Acta Physiologica et Pharmacologica Neerlandica. (Amsterdam, Netherlands) V.1-15, 1950-69. For publisher information, see EJPHAZ
APPYAG	Annual Review of Phytopathology. (Annual Reviews, Inc., 4139 El Camino Way, Palo Alto, CA 94306) V.1- 1963-
APRCAS	American Perfumer & Cosmetics. (Oak Park, IL) V.77-86, 1962-71. For publisher information, see CSPEAX
APSCAX	Acta Physiologica Scandinavica. (Karolinska Institutet, S-10401 Stockholm, Sweden) V.1- 1940-

APSCD2	Acta Pathologica et Microbiologica Scandinavica, Section C: Immunology. (Munksgaard, 35 Noerre Soegade, DK-1370, Copenhagen CK, Denmark) V.83C- 1975-
APSQA7	Acta Paediatrica Scandinavica, Supplement. (Almqvist & Wiksell, POB 159, 26 Gamla Brogatan, S-101 22 Stockholm, Sweden) No.158- 1965-
APSVAM	Acta Paediatrica Scandinavica. (Almqvist & Wiksell, P.O. Box 62, 26 Gamla Brogatan, S-101, 20 Stockholm, Sweden) V.54- 1965-
APSXAS	Acta Pharmaceutica Suecica. (Apotekarsocieteten, Wallingatan 26, Box 1136, S-111, 81 Stockholm, Sweden) V.1- 1964-
APTOA6	Acta Pharmacologica et Toxicologica. (Munksgaard, 35 Noerre Soegade, DK-1370, Copenhagen K, Denmark) V.1- 1945-
APTOD9	Abstracts of Papers, Society of Toxicology. Annual Meetings. (Academic Press, 111 5th Ave., New York, NY 10003)
APTRDI	Advances in Prostaglandin and Thromboxane Research. (Raven Press 1140 Ave. of the America, New York, NY 10036) V.1- 1976-
APTSAI	Acta Pharmacologica et Toxicologica, Supplementun. (Munksgaard, 35 Noerre Soegade, DK-1370, Copenhagen K, Denmark) No.1- 1947-
APTUAO	Archives de L'Institut Pasteur de Tunis. (The Institute, 13 Pl Pasteur, Tunis, Tunisia) V.1- 1906-
APYAAN	Archiv fuer Anatomie und Physiologie, Physiologische Abteilung. (Berlin, Germany) V.1-43, 1877-1919. For publisher information, see PFLABK
APYPAY	Acta Physiologica Polonica. (Panstwowy Zaklad Wydawnictw Lekarskich, ul. Dluga 38-40, P-00 238 Warsaw, Poland) V.1- 1950-
AQMOAC	Air Quality Monographs. (American Petroleum Institute, 2101 L St., N.W., Washington, D.C. 20037) No. 69-1- 1969-
ARANDR	Archives of Andrology. (Elsevier North Holland, Inc., 52 Vanderbilt Ave., New York, NY 10017) V.1- 1978-
ARBIAE	Archives of Biochemistry. (New York, NY) V.1-30, 1942-51. For publisher information, see ABBIA4
ARCGDG	Archives of Gynecology. (Springer-Verlag New York, Inc., Service Center, 44 Hartz Way, Secaucus, NJ 07094) V.226- 1978-
ARCVBP	Annales Recherches Veterinaires. (Institut National de la Recherche Agronomique, Service des Publ., route de Saint-Cyr, 78000 Versailles, France) V.1- 1970-
ARDEAC	Archives of Dermatology. (American Medical Association, 535 N. Dearborn St., Chicago, IL 60610) V.82- 1960-
ARDIAO	Annals of the Rheumatic Diseases. (BMA or British Medical Journal, 1172 Commonwealth Ave., Boston, Mass. 02134) V.1- 1939-
ARDSAK	Archiv fuer Dermatologic und Syphilis. (Berlin, Germany) V.1-5, 1869-73; V.21-200 1889-1955. For publisher information, See AKEDAX
ARDSBL	American Review of Respiratory Disease. (American Lung Association, 1740 Broadway, New York, NY 10019) V.80- 1959-
AREADB	Anesteziologiya i Reanimatologiya. (v/o Mezhdunarodnaya Kniga, Kuznetskii Most 18, Moscow G-200, USSR) No.1- 1977-
ARENAA	Annual Review of Entomology. (Annual Reviews, Inc., 4139 El Camino Way, Palo Alto, CA 94306) V.1- 1956-
ARGEAR	Archiv fuer Geschwulstforschung. (VEB Verlag Volk und Gesundheit Neue Gruenstr. 18, DDR-102 Berlin, German Democratic Republic) V.1- 1949-
ARGPAQ	Archives of General Psychiatry. (American Medical Association, 535 N. Dearborn St., Chicago, IL 60610) V.3- 1960-
ARGSAZ	Arbeit und Gesundheit. (Georg Thieme Verlag, Postfach 732, Herdweg 63, 7000 Stuttgart, Federal Republic of Germany) V.1- 1926-
ARGYAJ	Archiv fuer Gynaekologie. (Munich, Germany) V.1-225, 1870-1978. For publisher information, see ARCGDG
ARHEAW	Arthritis & Rheumatism. (Arthritis Foundation, 3400 Peachtree Road, N.E., Atlanta, Ga 30326) V.1- 1958-
ARINAU	Annual Report of the Research Institute of Environmental Medicine, Nagoya University. (Nagoya University, Research Institute of Environmental Medicine, Furo-cho, Chikusa-ku, Nagoya 464, Japan) V.1- 1947/49(Pub. 1951)-
ARMCAH	Annual Review of Medicine. (Annual Reviews, Inc., 4139 El Camino Way, Palo Alto, CA 94306) V.1- 1950-
ARMCBI	Annual Reports in Medicinal Chemistry. (Academic Press, 111 5th Ave., New York, NY 10003) 1965-
ARMIAZ	Annual Review of Microbiology. (Annual Reviews, Inc., 4139 El Camino Way, Palo Alto, CA 94306) V.1- 1947-
ARMKA7	Archiv fuer Mikrobiologie. (Springer (Berlin)) V.1-13, 1930-43; V.14-94, 1948-73. For publisher information, see AMICCW
ARNEAS	Archives of Neurology. (American Medical Association, 535 N. Dearborn St., Chicago, IL 60610) V.3- 1960-
AROPAW	Archives of Opthalmology. (American Medical Assoc., 535 N. Deabborn St., Chicago, IL 60610) V.1-44, No. 3, 1929-50; V.64- 1960-
AROTAA	Archives of Otolaryngology. (American Medical Association, 535 N. Dearborn St., Chicago, IL 60610) V.1-52, 1925-50; V.72- 1960-
ARPAAQ	Archives of Pathology. (American Medical Association, 535 N. Dearbon St., Chicago, IL 60610) V.5,no.3-V-50,no.3, 1928-50; V.70-99, 1960-75, For publisher information, See APLMAS
ARPMAS	Archiv der Pharmazie. (Verlag Chemie GmbH, Postfach 1260/1280 D-6940 Weinheim, Federal Republic of Germany) V.51-261, 1835-1923; V.305- 1972-
ARPTAF	Arkhiv Patologii. Archives of Pathology. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200 U.S.S.R.) V.1- 1959-
ARPTDI	Annual Review of Pharmacology and Toxicology. (Annual Reviews, Inc., 4139 El Camino Way, Palo Alto, CA 94306) V.16- 1976-
ARSIM*	Agricultural Research Service, USDA Information Memorandum. (Beltsville, MD 20705)
ARSMA9	American Review of Soviet Medicine. (New York, NY) V.1-5, 1943-48. Discontinued.
ARSUAX	Archives of Surgery. (American Medical Association, 535 N. Dearborn St., Chicago, IL 60610) V.1-61, 1920-50; V.81- 1960-
ARTODN	Archives of Toxicology. (Springer-Verlag, Heidelberger, Pl. 3, D-1 Berlin 33, Germany) V.32- 1974-
ARTUA4	American Review of Tuberculosis. (New York, NY) V.1-70, 1917-54. For publisher information, see ARDSBL
ARVPAX	Annual Review of Pharmacology. (Paio Alto, CA) V.1-15, 1961-75. For publisher information, see ARPTDI
ARZNAD	Arzneimittel-Forschung. (Edition Cantor Verlag fur Medizin und Naturwissenschaften KG, D-7960 Aulendorf, Germany) V.1- 1951-
ARZWA6	Aerztliche Wochenschrift. (Berlin, Germany) V.1-15, 1946-60. For publisher information, see INTEAG

BEST COPY

ASBDD9	Advances in the Study of Birth Defects. (University Park Press, 233 E. Redwood St., Baltimore, MD 21202) V.1- 1979-
ASBIAL	Archivio di Science Biologiche. (Cappelli Editore, Via Marsili 9, I-40124 Bologna, Italy) V.1- 1919-
ASBMAX	Annales de la Societe Belge de Medicine Tropicale. (J. Goemaere, Publisher, Grensstraat 21, B-1030 Brussels, Belgium) V.1- 1920-
ASBUAN	Archives des Sciences Biologiques. (Leningrad, U.S.S.R.) V.1-22, 1892-1922. Discontinued.
ASCHAN	Anzeiger fuer Schaedlingskunde. (Berlin, Germany) V.1-41, 1925-68. For publisher information, see ASPUCR
ASHRDD	Advances in Sex Hormone Research. (Baltimore, MD) V.1-3, 1975-77. Discontinued.
ASLBAG	Atti della Societa Lombarda di Scienze Mediche e Biologiche. (Milan, Italy) V.1-19, 1912-30; V.1-14, 1945-59. For publisher information, see AAMLAR
ASMACK	Abstracts of the Annual Meeting of the American Society for Microbiology. (American Society for Microbiology, 1913 I Street, NW Washington, DC 20006)
ASMUAA	Acta Scholae Medicinalis Universitatis in Kioto. (Kyoto, Japan) V.27-40, 1947-70. Discontinued
ASPHAK	Archives des Sciences Physiologique. (Paris, France) V.1-28, 1947-74. Discontinued.
ASPUCR	Anzeiger fuer Schaedlingskunde, Pflanzen-und Umweltschutz. (Paul Parey, Linderst 44-47, D-1000 Berlin 61, Federal Republic of Germany) V.46-47, 1973-74.
ASUPAZ	Acta Societatis Medicorum Upsaliensis. (Uppsala, Sweden) V.55-76, 1950-71. For publisher information, see UJMSAP
ASVMAV	Abstracts of Soviet Medicine. (Amsterdam, Netherlands) V.5, No.1-12, 1961. Discontinued.
ASXBA8	Archives of Sexual Behavior. (Plenum Publishing Corp., 233 Spring St., New York, NY 10013) V.1- 1971-
ATENBP	Atmospheric Environment. Air Pollution, Industrial Aerodynamics, Micrometerology, Aerosols. (Pergamon Press, Headington Hill Hall, Oxford OX3 OBW, England) V.1- 1967-
ATHBA3	Acta Radiologica, Therapy, Physics, Biology. (P.O. Box 7449, S-103 91 Stockholm, Sweden) V.1-16, No.6, 1963-77
ATHSBL	Atherosclerosis (Shannon, Ireland). (Elsevier/North-Holland Scientific Publishers Ltd., POB 85, Limerick, Ireland) V.11- 1970-
ATMPA2	Annals of Tropical Medicine & Parasitology. (Academic Press, 24-28 Oval Rd., London NWI 7DX, England) V.1- 1907-
ATORAI	A.P.I. Toxicological Review. (American Petroleum Institute, 2101 L St., N.W., Washington D.C. 20037)
ATPNAB	Ateneo Parmense, Acta Naturalia. (Ospedale Maggiore, Via Gramsci 14, 43100 Parma, Italy) V.1- 1965-
ATXKA8	Archiv fuer Toxikologie. (Berlin, Germany) V.15-31, 1954-74. For publisher information, see ARTODN
AUAAB7	Acta Universitatis Agriculturae, Facultas Agronomica (Brno) (Ustredni Knihovna Vysoke Skoly Zemedelske, Zemedelska 1, 662-65 Brno, Czechoslovakia) V.15- 1967-
AUCMBJ	Acta Universitatis Carolinae, Medica, Monographia. (Univerzita Karlova, Ovocny Trh.3, CS-116-36 Prague 1, Czechslovakia) No.1- 1954-
AUHPAI	Australian Journal of Hospital Pharmacy. (Mr. B.R. Miller, Secretary, P.O. Box 125, Heidelberg, Victoria 3084, Australia) V.1- 1971-
AUMKAS	Annales Universitatis Mariae Curie-Sklodowska, Section D. (Univ Marii Curie-Sklodowskiej, Biuro Wydawn) V.1- 1946-
AUODDK	Acta Universitatis Ouluensis, Series D: Medica. (Oulu University Library, Box 186, SF-90101 Oulu 10, Finland) Number 1- 1972-
AUPJB7	Australian Paediatric Journal. (Royal Childrens Hospital, Parkville, Victoria 3052, Australia) V.1- 1965-
AUVJA2	Australian Veterinary Journal. (Australian Veterinary Association, Executive Director, 134-136 Hampden Road, Artarmon, N.S.W. 2064, Australia) V.2- 1927-
AVBIB9	Advances in the Biosciences. (Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England) V.1- 1969-
AVBNAN	Archiv Bioloskih Nauka. (Jugoslovenska Knjigu, P.O. Box 36, Terazije 27, 11001, Belgrade, Yugoslavia)
AVCPAY	Advances in Clinical Pharmacology. (Urban & Schwarzenberg, Pettenkoferstr. 18, D-8000 Munich 2, Federal Republic of Germany) V.1 1969-
AVERAG	American Veterinary Review. (Chicago, IL) V.1-47, 1877-1915. For publisher information, see JAVMA4
AVEZA6	Acta Vitaminologica et Enzymologica. (Gruppo Lepetit SpA, Via R. Lepetit N. 8, 20124 Milan, Italy) V.21- 1967-
AVIRA2	Acta Virologica; English edition. (Academic Press, Inc., Ltd., 24-28 Oval Rd., London NWI 7DX, England) V.1- 1957-
AVPCAQ	Advances in Pharmacology and Chemotherapy. (Academic Press, 111 5th Ave., New York, NY 10003) V.7- 1969-
AVSCA7	Acta Veterinaria Scandinavica Danske Dyrlargeforening. (Alhambravej 15, DK-1826, Copenhagen V, Denmark) No.1- 1961-
AVSCB8	Advances in Veterinary Science & Comparative Medicine. (Academic Press, 111 5th Ave., New York, NY 10003)
AVSUAR	Acta Dermato-Venereologica, Supplementum. (Almqvist & Wiksell Periodical Co., P.O. Box 62, 26 Gamla Brogatan, S-101 20 Stockholm, Sweden) No.1- 1929-
AWLRAO	Australian Wildlife Research. (Commonwealth Scientific and Industrial Research Organization, POB 89, E. Melbourne, Vic. 3002, Australia V.1- 1974-
AXVMAW	Archiv fuer Experimentella Veterinaermedizin. (S. Hirzel Verlag, Postfach 506, DDR-701 Leipzig, German Democratic Republic) V.6- 1952-
AZMZA6	Azerbaidzhanskii Meditsinskii Zhurnal. Azerbaidzhan Medical Journal. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) 1928-41; 1955-
AZOGBS	Australian & New Zealand Journal of Obstetrics & Gynaecology. (Australian & New Zealand Journal of Obstetrics & Gynaecology, 8 Latrobe St., Melbourne 3000, Australia) V.1- 1961-
AZOOAH	Annales de Zootechnie. (Institut National de la Recherche Agronomique, Service des Publ., Rt. de St.-Cyr, F-78000 Versailles, France) V.10- 1961-
BurLW#	Personal Communication from Mr. L.W. Burnette, Material Safety Dept., GAF Corp., 1361 Alps Rd., Wayne, NJ 07470, to Dr. A. Friedman, Tracor Jitco, Inc., November 2, 1978
BACCAT	Bulletin of the Academy of Sciences of the U.S.S.R., Division of Chemical Science (English Translation). (Plenum Publishing Corp., 233 Spring St., New York, NY 10013) 1952-
BAFEAG	Bulletin de l'Association Francaise pour l'Etude du Cancer. (Paris, France) V.1-52, 1908-65. For publisher information, see BUCABS
BANMAC	Bulletin de l'Academie Nationale de Medicine. (Masson et Cie, Editeurs, 120 Blvd. Saint-Germain, P-75280, Paris 06, France) V.1- 1836-

BANRDU	Banbury Report. (Cold Spring Harbor Laboratory, POB 100, Cold Spring Harbor, NY 11724) V.1- 1979-
BAPBAN	Bulletin de l'Academie Polonaise des Sciences, Series des Sciences Biologiques. (Ars Polona-RUCH, P.O. Box 1001 P-00 068 Warsaw 1, Poland) V.5- 1957-
BAREA8	Bacteriological Reviews. (American Society of Microbiology, 1913 I St., N.W., Washington, D.C. 20006) V.1-41, 1937-77
BATTL*	Reports produced for the National Institute for Occupational Safety and Health by Battelle Pacific Northwest Laboratories, Richland, WA 99352
BAXXDU	British Patent Document. (Commissioner of Patents and Trademarks, Washington, DC 20231)
BBACAQ	Biochimica et Biophysica Acta. (Elsevier Publishing Co., POB 211, Amsterdam C, Netherlands) V.1- 1947-
BBKCA8	Bruns' Beitraege zur Klinische Chirurgie. (Springer-Verlag, Heidelberger Pl. 3, D-1000 Berlin 33, Federal Republic of Germany) V.1-221, No.8, 1883-1974
BBMS**	'Medicaments du Systeme Nerveux Vegetalif,' Bovet, D., and F. Bovet-Nitti, New York, S. Karger, 1948
BBRCA9	Biochemical and Biophysical Research Communications. (Academic Press Inc., 111 5th Ave., New York, NY 10003) V.1- 1959-
BCFAAI	Bollettino Chimico Farmaceutico. (Societa Editoriale Farmaceutica, Ausonio 12, 20123 Milan, Italy) V.33- 1894-
BCPCA6	Biochemical Pharmacology. (Pergamon Press, Headington Hill Hall, Oxford OX3 OBW, England) V.1- 1958-
BCPHBM	British Journal of Clinical Pharmacology. (Macmillan Journals, Houndmills Estate, Basingstoke, Hants RG21 2XS, England) V.1- 1974-
BCSTA4	Bulletin of the Calcutta School of Tropical Medicine. (Calcutta School of Tropical Medicine, Chittaranjan Ave., Calcutta 12, India) V.1- 1953-
BCSTB5	Biochemical Society Transactions. (Biochemical Society, P.O. Box 32, Commerce Way, Whitehall Rd., Industrial Estate, Colchester CO2 8HP, Essex, England) V.1- 1973-
BCTKAG	Bromatologia i Chemia Toksykologiczna. (Ars Polona-RUCH, P.O. Box 1001, P-00 068 Warsaw, 1, Poland) V.4- 1971-
BCZVDE	Biologizace a Chemizace Zivocisne Vyroby-Veterinaria. Biological and Chemical Factors in Animal Production-Veterinary Science. (Statni Zemedelske Nakladatelstvi, Vaclavske nam. 47, 11311 Prague, Czechoslovakia) V.14- 1978-
BDCBAD	Berichte der Deutschen Chemischen Gesellschaft. Abteilung B: Abhandlungen. (Heidelberg, Germany) V.62-77, 1929-45. For publisher information, see CHBEAM
BDCGAS	Berichte der Deutschen Chemischen Gesellschaft. (Leipzig/Berlin) V.1-61, 1868-1928. For publisher information, see CHBEAM
BEBMAE	Byulleten' Eksperimental'noi Biologii i Meditsiny. Bulletin of Experimental Biology and Medicine. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1- 1936-
BECCAN	British Empire Cancer Campaign Annual Report. (Cancer Research Campaign, 2 Carlton House Terrace, London SW1Y 5AR, England) V.1- 1924-
BECTA6	Bulletin of Environmental Contamination & Toxicology. (Springer- Verlag New York, Inc., Service Center, 44 Hartz Way, Secaucus, NJ 07094) V.1- 1966-
BEGMA5	Beitraege zur Gerichtlichen Medizin. (Verlag Franz Deuticke, Helferstorferstr 4, A-1010 Vienna, Austria) V.1- 1911-
BEMTAM	Berliner und Muenchener Tieraerztliche Wochenschrift. (Verlag Paul Parey, Lindenstr. 44-47, D-1000 Berlin 61, Fed. Rep. Germany) 1938-43; No.1- 1946-
BENPBG	Behavioral Neuropsychiatry. (Behavioral Neuropsychiatry Medical Publ., Inc., 61 E. 86th St., New York, NY 10028) V.1- 1969-
BEPRDY	Bulletin Europeen de Physiopathologie Respiratoire. (Pergamon Press, Inc., Journals Dept., Maxwell House, Fairview Park, Elmsford, NY 10523) V.12- 1976-
BEREA2	Bulletin of Entomological Research. (Commonwealth Agricultural Bureaux, Central Sales Branch, Farnham House, Farnham Royal, Slough SL2 3BN, England) V.1- 1910-
BERUAG	Berufs-Dermatosen. (Editio Cantor KG, Postfach 1310, D-79640 Aulendorf/Wuertt, Federal Republic of Germany) V.2-25, No.6, 1953-77
BESAAT	Bulletin of the Entomological Society of America. (The Society, 4603 Calvert Rd., College Park, MD 20740) V.1- 1955-
BEXBAN	Bulletin of Experimental Biology & Medicine. Translation of BEBMAE. (Plenum Publishing Corp., 233 Spring St., New York, NY 10013) V.41- 1956-
BEXBBO	Biochemistry and Experimental Biology. (Piccin Medical Books, Via Brunacci, 12, 35100 Padua, Italy) V.10- 1971/72-
BFPHA8	Bulletin of the Faculty of Pharmacy, Cairo University. (Faculty of Pharmacy, Cairo University, Cairo, Eqypt) V.1- 1961/62-
BFSGAK	Bulletin de la Federation des Societes de Gynecologie et d'Obstetrique de Langue Francaise. (Paris, France) V.1-23, 1949-71. For publisher information, see JGOBAC
BHBLAW	Behavioral Biology. (Academic Press, Inc., 111 Fifth Ave., New York, NY 10033) V.7-24, 1972-78
BHJUAV	British Heart Journal. (British Medical Journal, 1172 Commonwealth Ave., Boston, MA 02134) V.1- 1939-
BIANA6	Bibliotheca Anatomica. (S. Karger AG, Postfach CH-4009, Basel, Switzerland) No.1- 1961-
BIATDR	Bulletin of the International Association of Forensic Toxicologists.
BIBIAU	Biotechnology & Bioengineering. (John Wiley & Sons, 605 3rd Ave., New York, NY 10016) V.4- 1962-
BIBUBX	Biological Bulletin (Woods Hole, Mass.). (Biological Bulletin, Marine Biological Laboratories, Woods Hole, MA 02543) V.1- 1898-
BIBUDZ	Biology Bulletin of the Academy of Sciences of the USSR. English translation of IANBAM. (Plenum Publishing Corp., 227 W. 17th St., New York, NY 10011) V.1- 1974-
BICHAW	Biochemistry. (American Chemical Society Publications, 1155 16th St., N.W., Washington, DC 20036) V.1- 1962-
BICHBX	Bioinorganic Chemistry. (Elsevier North Holland, Inc., 52 Vanderbilt Ave., New York, NY 10017) V.1-9, 1971-78
BICMBE	Biochimie. (Masson et Cie, Editeurs, 120 Blvd. Saint-Germain, P-75280, Paris 06, France) V.53- 1971-
BIHAA2	Bibliotheca Haematologica. (S. Karger AG, Arnold-Boecklin-St 25, CH-4000, Basel 11, Switzerland) No.1- 1955-
BIJOAK	Biochemical Journal. (Biochemical Society, P.O. Box 32, Commerce Way, Whitehall Rd., Industrial Estate, Colchester CO2 8HP, Essex, England) V.1- 1906-
BIMDA2	Biochemical Medicine. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1967-
BIMDB3	Biomedicine. (Masson et Cie, Editeurs, 120 Blvd. Saint-Germain, P-75280, Paris 06, France) V.18- 1973-

BEST COP

BIMEA5	Biologie Medicale. (Paris) V.1-60, 1903-71; new series 1972-V.4,1975
BINEAA	Biologia Neonatorum. (Basel, Switzerland) V.1-14, No.5/6, 1956- 1969, For publisher information, see BNEOBV
BINKBT	Biologicheskie Nauki. (V/O Mezhdunarodnaya Kniga, Kuznetskii Most 18, Moscow G-200, USSR) No.3- 1965-
BIOFX*	BIOFAX Industrial Bio-Test Laboratories, Inc., Data Sheets. (1810 Frontage Rd., Northbrook, IL 60062)
BIOGAL	Biologica. (Instituto Biologico, Av. Rodriques Alves, 1252, C.P. 4185, Sao Paulo, Brazil) V.1- 1935-
BIOHAO	Biokhimiia. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1- 1936-
BIOJAU	Biophysical Journal. (Rockefeller Univ. Press, 1230 York Ave., New York, NY 10021) V.1- 1960-
BIORAK	Biochemistry; Translocation of BIOHAO. (Plenum Publishing Corp., 233 Spring St., New York, NY 10013) V.21- 1956-
BIPAAB	Bulletin de l'Institut Pasteur. (Masson et Cie, Editeurs, 120 Blvd. Saint-Germain, P-75280, Paris 06, France) V.1- 1903-
BIPCBF	Biological Psychiatry. (Plenum Publishing Corp., 233 Spring St., New York, NY 10013) V.1- 1969-
BIPMAA	Biopolymers. (John Wiley & Sons, 605 3rd Ave., New York, NY 10158) V.1- 1963-
BIREBV	Biology of Reproduction. (Society for the Study of Reproduction, 309 West Clark Street, Champaign, IL 61820) V.1- 1969-
BIRSB5	Biology of Reproduction, Supplement. (Champaign, Ill.) For publisher information, see BIREBV
BIRUAA	Biologische Rundschau. (VEB Gustav Fischer Verlag, Postfach 176, Villengang 2, DDR-69 Jena, German Democratic Republic) V.1- 1963-
BISNAS	BioScience. (American Instutite of Biological Sciences, 1401 Wilson Blvd., Arlington, VA 22209) V.14- 1964-
BIZEA2	Biochemische Zeitschrift. (Berlin, Germany) V.1-346, 1906-67. For publisher information, see EJBCAI
BIZNAT	Biologisches Zentralblatt. (VEB Georg Thieme, Hainst 17/19, Postfach 946, 701 Leipzig, E. Germany) V.1- 1881-
BJANAD	British Journal of Anesthesia. (Scientific & Medical Division, Macmillan Publishers Ltd., Houndmills, Basingstoke, Hampshire RG21 2XS, England) V.1- 1923-
BJCAAI	British Journal of Cancer. (H.K. Lewis & Co., 136 Gower St., London WC1E 6BS, England) V.1- 1947-
BJCBDN	Verlagsgesellschaft mbH, Postfach 40, D-7000, Stuttgart 1,
BJCPAT	British Journal of Clinical Practice. (Harvey & Blythe Ltd., Lloyd's Bank Chambers, 216 Church Rd., Hove, Sussex BN3 2DJ, England) V.10, No.10- 1956-
BJCSB5	British Journal of Cancer, Supplement. (H.K. Lewis & Co., Ltd., 136 Gower St., London WC1E 6BS, England) No.1- 1973-
BJDEAZ	British Journal of Dermatology. (Blackwell Scientific Publications, Osney Mead, Oxford OX2 OEL, England) V.63- 1951-
BJEPA5	British Journal of Experimental Pathology. (H.K. Lewis & Co., 136 Gower St., London WC1E 6BS, England) V.1- 1920-
BJHMAB	British Journal of Hospital Medicine. (Hospital Medicine Publications Ltd. Theba House, 49/50 Hatton garden, London EC1N 8XS, England) V.1- 1968-
BJIMAG	British Journal of Industrial Medicine. (British Medical Journal, 1172 Commonwealth Ave., Boston, MA 02134) V.1- 1944-
BJLSAF	Botanical Journal of the Linnean Society. (Academic Press, 111 5th Ave., New York, NY 10003) V.62- 1969-
BJNUAV	British Journal of Nutrition. (Cambridge University Press, The Edinburgh Bldg., Shaftesburg Rd., Cambridge CB2 2RU, England) V.1- 1947-
BJOGAS	British Journal of Obstetrics and Gynaecology. (British Journal of Obstetrics and Gynaecology, 27 Sussex Place, Regent's Park, London NW1 4RG, England) V.82- 1975-
BJOPAL	British Journal of Ophthalmology. (British Medical Journal, 1172 Commonwealth Ave., Boston, MA 02134) V.1- 1917-
BJPCAL	British Journal of Pharmacology & Chemotherapy. (London, England) V.1-33, 1946-68. For publisher information, see BJPCBM
BJPCBM	British Journal of Pharmacology. (MacMillan Journals Ltd., Houndmills Estate, Basingstroke, Hampshire RG21 2XS, England) V.34- 1968-
BJPVAA	British Journal of Preventive & Social Medicine. (British Medical Assoc., BMA House, Tavistock Sq., London WC1H 9JR, England) V.7- 1953-
BJPYAJ	British Journal of Psychiatry. (Headley Brothers, Ashford TN24 8HH, Kent, England) V.109- 1963-
BJRAAP	British Journal of Radiology. (British Institute of Radiology, 36 Portland Place, London W1N 3DG, England) V.1- 1928-
BJSUAM	British Journal of Surgery. (John Wright & Sons Ltd., 42-44 Triangle West, Bristol BS8 1EX, England) V.1- 1913-
BJURAN	British Journal of Urology. (Williams & Wilkens Co., 428 E. Preston St., Baltimore, MD 21202) V.1- 1929-
BKNJA5	Biken Journal. (Research Institute for Microbial Diseases, Osaka Univ., Yamada-Kami, Suita, Osaka, Japan) V.1- 1958-
BKWOAV	Berliner Klinische Wochenschrift. (Berlin, Germany) V.1-58, 1864-1921. For publisher information, see KLWOAZ
BKZHAP	Biokhimichnii Zhurnal. (Kiev, U.S.S.R.) V.10-17, 1937-41. For publisher information, see UBZHAZ
BLASR*	Blaser & Co., Ltd. Reports, (CH-3415 Hasle-Ruegsau/Switzerland)
BLFSBY	Basic Life Sciences. (Plenum Publishing Corp., 227 W. 17th St., New York, NY 10011) V.1- 1973-
BLLIAX	Bratislavske Lekarske Listy. (PNS-Ustredna Expedicia Tlace, Gottwaldovo Namestie 48/7, CS-884 19 Bratislava, Czechoslovakia) V.1- 1921-
BLOAAO	Biologica (Bratislava). (PNS-Ustredna Expedicia Tlace, Gottwaldovo Namestie 48/7, CS-884 19 Bratislava, Czechoslovakia) V.24- 1969-
BLOOAW	Blood. (Grune & Stratton, 111 5th Ave., New York, NY 10003) V.1- 1946-
BLUTA9	Blut. (Springer-Verlag New York, Inc., Service Center, 44 Hartz Way, Secaucus, NJ 07094) V.1- 1955-
BMAOA3	Biologicheskii Zhurnal. Biological Journal. (Moscow, U.S.S.R.) V.1-7, No.6, 1932-38. For publisher information, see ZOBIAU
BMBUAQ	British Medical Bulletin. (Churchill Livingstone, Robert Stevenson House, 1-3 Baxter's Place, Leith Walk, Edinburgh, EH1 3AF, UK) V.1- 1943-
BMJOAE	British Medical Journal. (British Medical Association, BMA House, Travistock Square, London WC1H 9JR, England) V.1- 1857-
BMRII*	'U. S. Bureau of Mines Report of Investigation No. 2979,' Patty, F.A., and W.P. Yant, 1929
BNEOBV	Biology of the Neonate. (S. Karger AG, Postfach, CH-4009 Basel, Switzerland) V.15- 1970-

BNUNA5	Bulletin on Narcotics. (United Nations, Sales Section, Rm 1059, New York, NY 10017) V.1- 1949-
BNYMAM	Bulletin of the New York Academy of Medicine. (2 East 103rd Street, New York, NY 10029) V.1 1925-
BOOKA7	'Biological Effects of Air Pollutants, ' 2nd ed., A.C. Stern, ed., New York, Academic Press, 1968
BPAAAG	Beitraege zur Pathologischen Anatomie und Allgemeinen Pathologie. (Stuttgart, Germany) V.3-109, No.2, 1888-1944; V.109, No.3-V.140, No.4, 1947-70, For publisher information, see BTPGAZ
BPCT**	Progress Report from the Environmental Protection Agency to NIOSH on Benzenepolycarboxylates, 1974
BPJLAQ	Bangladesh Pharmaceutical Journal. (Bangladesh Pharmaceutical Society, Department of Pharmacy, University of Dacca, Dacca 2, Bangladesh) V.1- 1972-
BPNSBY	Bulletin of the Psychonomic Society. (Psychonomic Society, 1108 W. 34th St., Austin, TX 78705) V.1- 1973-
BPOSA4	British Poultry Science. (Longman Group Ltd., Journals Division, 43-45 Annandale St., Edinburgh EH47 4AT, Scotland) V.1- 1960-
BPYKAU	Biophysik. (Berlin, Germany) V.1-10, 1963-73.
BRAIAK	Brain; Journal of Neurology. (Oxford Univ. Press, Walton St., Oxford OX2 6DP, England) V.1- 1878-
BRCAB7	Basic Research in Cardiology. (Dr. Dietrich Steinkopff Verlag, Postfach 11-10-08, D-6000 Darmstadt 11, Fed. Rep. Ger) V.68- 1973-
BRGOAY	Bulletin de la Societa Royale Belge de Gynecologie et d'Obstetrique. (Brussels, Belgium) V.1-39, 1925-69.
BRMEAY	Bruxelles-Medical. Bruxelles-Medical, Boite 1, 1180 Brussels, Belgium) V.1- 1921-
BRREAP	Brain Research. (Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands) V.1- 1966-
BSAMA5	Bulletin de Schweizerische Akademie der Medizinischen Wissenschaften. (Schwabe und Co., Steintorstr. 13, 4000 Basel 10, Switzerland) V.1- 1944-
BSBGAQ	Berchte der Schweizerischen Botanischen Gessellschaft. (KRYPTO F. Flueck-Wirth, CH-9053 Teufen, Switzerland) V.1- 1891-
BSBSAS	Boletin de la Sociedad de Biologia de Santiago de Chile. (Santiago, Chile)
BSCFAS	Bulletin de la Societe Chimique de France. (Masson et Cie, Editeurs, 120 Blvd. Saint-Germain, P-75280, Paris 06, France) V.1- 1864-
BSCIA3	Bulletin de la Societe de Chimie Biologique. (Paris, France) V.1-52, 1914-70. For publisher information, see BICMBE
BSFDA3	Bulletin de la Societe Francaise de Dermatologie et de Syphiligraphie. (Paris, France) V.1-83, 1890-1976. Discontinued.
BSIBAC	Bolletino della Societe Italiana di Biologia Sperimentale. (Casa Editrice Libraria V. Idelson, Via Alcide De Gasperi, 55, 80133 Naples, Italy) V.2- 1927-
BSOFAK	Bulletin des Societes d'Ophthalmologie de France. (Diffusion Litteraire et Scientifique, 11 rue Moliere (ler etage), 13 Marseilles, France) 1949-
BSPBAD	Bulletin de la Societe de Pharmacie de Bordeaux. (Societe de Pharmacie de Bordeaux, Faculte de Medecine et de Pharmacie, 91, rue Leyteire, 33000 Bordeaux, France) V.89- 1951-
BSPHAV	Bulletin des Sciences Pharmacologiques. (Paris, France) V.1-49, 1899-1942. For publisher information, see APFRAD
BSPII*	SPI Bulletin. (Society of the Plastics Industry, 250 Park Ave., New York, NY 10017)
BSPMAC	Bulletin de la Societe de Pharmacie de Murseille. (La Societe, Faculte de Medecine et de Pharmacie, Blvd. Jean-Moulin, Marseilles 503-67, France) V.1- 1952-
BSPPDO	Bulletin of the Society of Pharmacological and Environmental Pathologists. (Toxicologic Pathology, E.I. du Pont de Nemours Co., Inc., Elkton Rd., Newark, DE 19711) V.1-6 No.2, 1972-78
BSRSA6	Bulletin de la Society Royale des Sciences de Liege. (Societe Royale des Sciences de Liege, Universite de Liege, 15, Ave des Tilleuls, B-4000 Liege, Belgium) V.1- 1932-
BSVMA8	Bulletin de la Societe des Sciences Veterinaires et de Medecine Compare de Lyon. (Societe des Sciences Veterinaires et de Medecine Comparee de Lyon, Ecole National Veterinaire de Lyon, Route de Sain-Bel, Marcy-l'Etoile, 69260 Charbonnieres-les-Bains, France) V.1- 1898-
BTDCAV	Bulletin of Tokyo Dental College. (Tokyo Dental College, Misaki-cho, Chiyoda-Ku, Tokyo 101, Japan) V.1- 1960-
BTERDG	Biological Trace Element Research. (The Humana Press, Inc., Crescent Manor, P.O. Box 2148, Clifton NJ 07015) V.1- 1979-
BTHDAK	Birth Defects, Original Article Series. (National Foundation-March of Dimes, 1275 Mamaroneck Ave., White Plains, NY 10605) V.1- 1965-
BTMNA7	Bitamin. (Nippon Bitamin Gakkai, 4 Ushinomiya-cho, Yoshida, Sakyo-Ku, Kyoto 606, Japan) V.1- 1948-
BTPGAZ	Beitraege zur Pathologie. (Gustav Fischer Verlag, Postfach 72-0143 D-7000 Stuttgart 70, Germany) V.141- 1970-
BTSRAF	Biochimica e Terapia Sperimentale. (Milan, Italy) V.1-30, 1909-43. For publisher information, see NIVAAY
BUCABS	Bulletin du Cancer. (Masson et Cie, Editeurs, 120 Blvd. Saint- Germain, P-75280, Paris 06, France) V.53- 1966-
BUFRAP	Bulletin de l'Institut International du Froid. (l'institut, 177 Blvd. Molesherbes, 75017 Paris 17, France) V.1- 1920-
BUMMAB	Bulletin of the University of Miami School of Medicine and Jackson Memorial Hospital. (Coral Gables, FL) V.1-20, 1939-66. Discontinued.
BUMOAH	Bulletin Mensuel de l'Office International d'Hygiene Publique. (New York, NY) V.1-38, 1909-46. For publisher information, see BWHOA6
BUYRAI	Bulletin of Parenteral Drug Association. (The Association, Western Saving Fund Bldg., Broad & Chestnut Sts., Philadelphia, PA 19107) V.1- 1946-
BVJOA9	British Veterinary Journal. (Bailliere Tindall, 35 Red Lion Sq., London WCIR 4SG, England) V.105- 1949-
BWHOA6	Bulletin of the World Health Organization. (WHO, 1211 Geneva 27, Switzerland) V.1- 1947-
BYYADW	Byoin Yakugaku. Hospital Pharmacology. (Yakuji Nippon Sha, 1-11 Izumi-cho, Kanda, Chiyoda-ku, Tokyo 101, Japan) V.1- 1975-
BZARAZ	Biologicheskii Zhurnal Armenii. Biological Journal of Armenia. (v/o 'Mezhdunarodnaya Kniga', Kuznetskii Most 18, Moscow G-200, USSR) V.19- 1966-
ChaEB#	Personal Communication from Dr. E.B. Chappel, Abbott Labs., N. Chicago, Illinois, to I. Pigman, Tracor Jitco, Inc., January 19, 1978
ChrHE#	Personal Communication to Editor, Toxic Substances List, from Dr. H.E. Christensen, Bethesda, MD, October 18, 1973
CroHP#	Personal Communication from H.P. Crocker, Ultimate Holding Co.-Reckitt & Colman Ltd., London, England, to R.L. Tatken, NIOSH, Cincinnati, OH, September 2, 1980

BEST COPY

CAANAT	Comptes Rendus de l'Association des Anatomistes. (Paris, France) V.1- 1916(?)-
CAES**	Reports supported by the Pennwalt Corp. and the Center for Air Environment Studies at the Pennsylvania State University.
CAJOBA	Canadian Journal of Opthalmology. (Canadian Opthalmological Society, Box 8844, Ottawa, Ont K1G 3G2, Canada) V.1- 1966-
CAJPBD	Proceedings of the Congenital Anomalies Research Association of Japan. (Kyoto, Japan) No.1- 1961-
CALEDQ	Cancer Letters. (Elsevier Publishing, P.O. Box 211, Amsterdam C, Netherlands) V.1- 1975-
CAMCAM	C.A.: ACancer Journal for Clinicians. (American Cancer Society, 777 3rd Ave., New York, NY 10017) V.1- 1950-
CANCAR	Cancer. (J. B. Lippincott Co., E. Washington Sq., Philadelphia, PA 19105) V.1- 1948-
CANJAE	Canadian Anaesthetist's Society Journal. (178 St. George St., Toronto 5, Ont M5R 2M7. Canada) V.1- 1954-
CANRA4	Cancer, Revue Internationale d'Etudes Cancerologiques. (Brussels, Belgium) V.1-13, 1923-37. Discontinued.
CARYAB	Caryologia. (Caryologia, Via Lamarmora 4, 50121 Florence, Italy) V.1- 1948-
CAXXA4	Canadian Patents. (U.S. Patent Office, Science Library, 2021 Jefferson Davis Highway, Arlington, VA 22202)
CBCCT*	'Summary Tables of Biological Tests,' National Research Council Chemical-Biological Coordination Center. (National Academy of Science Library, 2101 Constitution Ave., N.W., Washington, DC 20418)
CBINA8	Chemico-Biological Interactions. (Elsevier Publishing, P.O. Box 211, Amsterdam C, Netherlands) V.1- 1969-
CBPBB8	Comparative Biochemistry and Physiology (Part) B: Comparative Biochemistry. (Pergamon Press, Headington Hill Hall, Oxford 0X3 OBW, England) V.38- 1971-
CBPCBB	Comparative Biochemistry and Physiology (Part) C: Comparative Pharmacology (Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England)
CBRPDS	Cell Biology International Reports. (Academic Press Inc. Ltd. 24-28 Oval Rd., London NW1 7DX, England) V.1- 1977-
CBTIAE	Contributions from Boyce Thompson Institute (Yonkers, NY) V.1-24, 1925-71. Discontinued.
CCCCAK	Collection of Czechoslovak Chemical Communications. (Academic Press, 24-28 Oval Rd., London NW1 7DX, England) V.1- 1929-
CCLCDY	Chinese Journal of Oncology. (Guozi Sudian, Beijing, Peop. Rep. China) V.1- 1978-
CCPHDZ	Cancer Chemotherapy and Pharmacology. (Springer-Verlag, Heidelberger, Pl. 3, D-1 Berlin 33, Germany) V.1- 1978-
CCPNAG	Canadian Cancer Society, British Columbia Division, Provincial News.
CCPTAY	Contraception. (Geron-X, Publishers, P.O. Box 1108, Los Altos, CA 94022) V.1- 1970-
CCROBU	Cancer Chemotherapy Reports, Part 1. (Washington, DC) V.52, no.6-V.59, 1968-75. For publisher information, see CTRRDO
CCSUBJ	Cancer Chemotherapy Reports, Part 2. (Washington, DC) V.1-5, 1964-75. For publisher information, see CTRRDO
CCSUDL	Carcinogenesis - A Comprehensive Survey (Raven Press, 1140Ave. of the Americas, New York, NY 10036) V.1- 1976-
CCTRDH	Cancer Clinical Trials. (Masson Publishing USA, Inc., 14 E. 60th St., New York, NY 10022) V.1- 1978-
CCUPAD	Ciencia e Cultura. Science and Culture. (Sociedade Brasileira para o Progresso da Ciencia, Caixa Postal 1 1008, 01000 Sao Paulo, Brazil) V.1- 1949
CCYPBY	Cancer Chemotherapy Reports, Part 3. (Washington, DC) V.1-6, 1968-75. For publisher information, see CTRRDO
CDESDK	Contraceptive Delivery Systems. (Kluwer Academic Publishers Group Distribution Centre, POB 322, 3300 AH Dordrecht, Netherlands) V.1- 1980-
CDPRD4	Cancer Detection and Prevention. (Marcel Dekker, Inc., POB 11305, Church St. Station, New York, NY 10249) V.1- 1979-
CECED9	Commission of the European Communities, Report EUR. (Office for Official Publications, POB 1003, Luxembourg 1, Luxembourg) 1967-
CEDEDE	Clinical and Experimental Dermatology. (Blackwell Scientific Publications Ltd., Osney Mead, Oxford OX2 0EL, England) V.1- 1976-
CEFYAD	Ceskoslovenska Fysiologie. (Academia, Vodickova 40, Prague 1, Czechoslovakia) V.1- 1952-
CEHYAN	Ceskoslovenska Hygiena. Czechoslovak Hygiene. (Ve Smeckach 30, Prague 1, Czech). V.1- 1956-
CELLB5	Cell (Cambridge, Mass.). (Massachusetts Institute of Technology Press, 28 Carleton St., Cambridge, MA 02142) V.1- 1974-
CENEAR	Chemical & Engineering News. (American Chemical Society, 1155 16th St., N.W., Washington, DC 20036) V.20- 1942-
CESTAT	Ceskoslovenska Stomatologie. (PNS-Ustredni Expedice Tisku, Jindriska 14, Prague 1, Czechoslovakia) V.36- 1936-
CEXIAL	Clinical and Experimental Immunology. (Blackwell Scientific Publications Ltd., Osney Mead, Oxford OX2 0EL, England) V.1- 1966-
CFRGBR	Code of Federal Regulations. (U.S. Government Printing Office, Supt. of Doc., Washington, DC 20402)
CGCGBR	Cytogenetics and Cell Genetics. (S. Karger AG, Arnold-Boecklin Str. 25, CH-4011 Basel, Switzerland) V.12- 1973-
CGCYDF	Cancer Genetics and Cytogenetics. (Elsevier North Holland, Inc., 52 Vanderbilt Ave., New York, NY 10017) V.1- 1979-
CHABA8	Chemical Abstracts. (Chemical Abstracts Service, Box 3012, Columbus, OH 43210) V.1- 1907-
CHBEAM	Chemische Berichte. (Verlag Chemie GmbH, Postfach 129/149, Pallelallee 3, D-6940, Weinheim/Bergst, Germany) V.80- 1947-
CHDDAT	Comptes Rendus Hebdomadaires des Seances de l'Academie des Sciences, Serie D. (Centrale des Revues Dunod-Gauthier-Villars, 24-26 Blvd. de l'Hopital, 75005 Paris, France) V.262- 1966-
CHETBF	Chest: The Journal of Circulation, Respiration and Related Systems. (American College of Chest Physicians, 911 Busse Hwy., Park Ridge, IL 60068) V.57- 1970-
CHFCA2	Chung-hua Fu Ch'an K'o Tsa Chih (Peking). Chinese Journal of Obstetrics and Gynecology. (Guozi Shudian, China Publications Center, POB 399, Peking, Peop. R. China) V.1- 1953-66; 1978-
CHHTAT	Chung-hua I Hsueh Tsa Chih. (Guozi Shudian, China Publications Center, POB 399, Peking, People's Republic of China) V.1- 1915
CHIMAD	Chimia. (Sauerlaender AG, 5001 Aarau, Switzerland) V.1- 1947-
CHINAG	Chemistry & Industry. (Society of Chemical Industry, 14 Belgrave Sq., London SW1X 8PS, England) V.1-21, 1923-43; No.1- 1944-

CHIP**	Chemical Hazard Information Profile. Draft Report. (U.S. Environmental Protection Agency, Office of Toxic Substances, 401 M St., S.W., Washington, DC 20460)
CHMBAY	Chemistry in Britain. (Chemical Society, Publications, Sales Office, Blackhorse Rd., Letchworth SG6 1HN, Herts, England) V.1- 1965-
CHMEBA	China's Medicine. (Guozi Shudian, Peking, China) 1966-68. Discontinued.
CHMTBL	Chemical Technology. (American Chemical Society, 1155 16th St., N.W., Washington, DC 20036) V.1- 1917-
CHPUA4	Chemicky Prumysl. Chemical Industry. (ARTIA, Ve Smeckach 30, 111-27 Prague 1, Czechoslovakia) V.1- 1951-
CHREAY	Chemical Reviews. (American Chemical Society, 1155 16th St., N.W., Washington, DC 20036) V.1- 1924-
CHROAU	Chromosoma. (Springer-Verlag, Heidelberger Platz 3, D-1000 Berlin 33, Federal Republic of Germany) V.1- 1939-
CHRTBC	Chromosomes Today. (Elsevier Scientific Publishing Co., P.O. Box 211 Amsterdam, The Netherlands) V.1- 1966-
CHRYAQ	Chemistry. (American Chemical Society Publications, 1155 16th St., N.W., Washington, DC 20036) V.18- 1944-
CHTHBK	Chemotherapy. (S. Karger AG, Arnold-Boecklin-St 25, CH-4000, Basel 11, Switzerland) V.13- 1968-
CHTPBA	Chimica Therapeutica. (Editions DIMEO, Arcueil, France) V.1-8, 1965-73.
CHWEAP	Chemisch-Weekblad. (Koninklijke Nederlandse Chemische Vereniging, Afdeling Tijdschriften, Brunierstraat 1, The Hague, Netherlands) V.1- 1903-
CHWKA9	Chemical Week. (McGraw-Hill, Inc., Distribution Center, Princeton Rd., Hightstown, NJ 08520) V.68- 1951-
CHYCDW	Chung-hua Yu Fang I Hsueh Tsa Chih. Chinese Journal of Preventive Medicine. (Chung-hua I Hsueh Hui, 42 Tung Szu Hsi Ta Chieh, Peking, People's Republic of China) Beginning of history not known
CIFAA3	Circular Farmaceutica. (Colegio Oficial de Farmaceuticos, Via Layetana, 94, Barcelona, Spain) V.1- 1943-
CIGET*	Ciba-Geigy Toxicology Data/Indexes, 1977. (Ciba-Geigy Corp., Ardsley, NY 10502)
CIGZAF	Chiba Igakkai Zasshi. Journal of the Chiba Medical Society. (Chiba, Japan) V.1-49, 1923-73. For publisher information, see CIZAAZ
CIIT**	Chemical Industry Institute of Toxicology, Docket Reports. (POB 12137 , Research Triangle Park, NC 27709)
CIRCAZ	Circulation. (American Heart Assoc., 7320 Greenville Ave., Dallas, TX 75231) V.1- 1950-
CIRUAL	Circulation Research. (American Heart Association, Publishing Director, 7320 Greenville Ave., Dallas, TX 75231) V.1- 1953-
CISCB7	CIS, Chromosome Information Service. (Maruzen Co. Ltd., POB 5050, Tokyo International, Tokyo 100-31, Japan) No.1- 1961-
CIWYAO	Carnegie Institute of Washington, Year Book. (Carnegie Institution of Washington, 1530 P St., N.W. Washington, DC 20005) V.1- 1902-
CIYPDA	Acta Akademiae Medicinae Sichuan. (Guozi Sudian, Beijing, Peop. Rep. China) V.1- 1970-
CIZAAZ	Chiba Igaku Zasshi. Chiba Medical Journal. (Chiba Igakkai, Inohana 1-8-8, Chiba 280, Japan) V.50- 1974-
CJBIAE	Canadian Journal of Biochemistry. (National Research Council of Canada, Ottawa K1A OR6, Ontario, Canada) V.42- 1964-
CJBPAZ	Canadian Journal of Biochemistry & Physiology. (Ottawa, Canada) V.32-41, 1954-63. For publisher information, see CJBIAE
CJCHAG	Canadian Journal of Chemistry. (National Research Council of Canada, Ottawa K1A OR6, Ontario, Canada) V.29- 1951-
CJCMAV	Canadian Journal of Comparative Medicine. (360 Bronson Ave., Ottawa K1R 6J3, Ontario, Canada) V.1-3, 1937-39; V.32- 1968-
CJMIAZ	Canadian Journal of Microbiology. (National Research Council of Canada, Administration, Ottawa, Canada K1A OR6) V.1- 1954-
CJNSA2	Canadian Journal of Neurological Sciences. (Editor, 1516-233 Kennedy St., Winnipeg, Manitoba R3C 3J5, Canada) V.1- 1974-
CJPEA4	Canadian Journal of Public Health. (Canadian Public Health Assoc., 1335 Carling Avenue, Suite 210, Ottawa, Ontario K1Z 8N8, Canada) V.20- 1929-
CJPPA3	Canadian Journal of Physiology & Pharmacology. (National Research Council of Canada, Ottawa K1A OR6, Ontario, Canada) V.42- 1964-
CJSUAX	Canadian Journal of Surgery. (Canadian Medical Association, P.O. Box 8650, Ottawa, Ontario K1G OG8, Canada) V.1- 1957-
CKFRAY	Ceskoslovenska Farmacie. (PNS-Ustredni Expedice Tisku, Jindriska 14, Prague 1, Czechoslovakia) V.1- 1952-
CLANA4	Clinical Anesthesia. (F.A. Davis Co., 1915 Arch St., Philadelphia, PA 19103) No.1- 1963-
CLBIAS	Clinical Biochemistry. (Canadian Society of Clinical Chemists, 151 Slater St., Ottawa K1P 5H3, Ontario, Canada) V.1- 1967-
CLCEAL	Casopis Lekaru Ceskych. Journal of Czech Physicians. (ARTIA, Ve Smeckach 30, Prague 1, Czechoslovakia) V.1- 1862-
CLCHAU	Clinical Chemistry. (American Assoc. of Clinical Chemists, 1725 K St., N.W., Washington, DC 20006) V.1- 1955-
CLDFAT	Cell Differentiation. (Elsevier/North-Holland Scientific Publishers Ltd., POB 85, Limerick, Ireland) V.1- 1972-
CLDND*	Compilation of LD50 Values of New Drugs. (J.R. MacDougal, Dept. of National Health & Welfare, Food & Drug Divisions, 35 John St., Ottawa, Ontario, Canada)
CLECAP	Clinical Endocrinology. (Blackwell Scientific Publications, Osney Mead, Oxford OX2 OEL, England) V.1- 1972-
CLMEA3	Clinical Medicine. (Clinical Medicine Publications, 444 Frontage Rd., Northfield, IL 60093) V.69- 1962-
CLNHBI	Clinical Nephrology. (Dustri-Verlag Dr. Karl Feistle, Postfach 49, D-8024 Munich-Deisenhofen, Fed. Rep. Ger.) V.1- 1973-
CLPJAX	Cleft Palate Journal. (American Cleft Palate Assoc., c/o B.J. McWilliams, ed., Univ. of Pittsburgh, 331 Salk Hall, Pittsburgh, PA 15261) V.1- 1964-
CLPTAT	Clinical Pharmacology & Therapeutics. (C.V. Mosby Co., 11830 Westline Industrial Dr., St. Louis, MO 63141) V.1- 1960-
CLREAS	Clinical Research. (American Federation for Clinical Research, 6900 Grove Rd., Thorofare, NJ 08086) V.6- 1958-
CLTEA4	Clinica Terapeutica (Rome). (Societa Edtrice Universo, Via G.B. Morgangni, 1 I-00161 Rome, Italy) V.1- 1955-
CMAJAX	Canadian Medical Association Journal. (CMA House, Box 8650, Ottawa K1G OG8, Ontario, Canada) V.1- 1911-
CMBID4	Cellular and Molecular Biology. (Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England) v.22- 1977-
CMDT**	Christensen, Herbert E., Thesis, National Institute for Occupational Safety and Health, Rockville, MD 20852

CMEP**	'Clinical Memoranda on Economic Poisons,' U. S. Dept. HEW, Public Health Service, Communicable Disease Center, Atlanta, GA, 1956
CMJOAP	Chinese Medical Journal. (Peking, China) V.46-85, 1932-66. For publisher information, see CHMEBA
CMJODS	Chinese Medical Journal. New Series (Guozi Shudian, China Publications Center, POB 399, Peking, People's Republic of China) V.1- 1975- (Adopted vol. no. 92 in 1979)
CMJRAY	Calcutta Medical Journal. (Calcutta Medical Club, CMC House, 91-B Chittaranjan Ave., Calcutta, India) V.1- 1906-
CMLMDW	Collection de Medecine Legale et de Toxicologie Medicale. (Masson et Cie, Editeurs, 120 Blvd. Saint-Germain, F-75280 Paris 06, France) No.53- 1970-
CMLTAG	Chemistry Letters. (Japan Publications Trading Co., Ltd., POB 5030, Tokyo International, Tokyo 101-31, Japan) No.1- 1972-
CMMUAO	Chemical Mutagens. Principles and Methods for Their Detection (Plenum Publishing Corp., 233 Spring St., New York, NY 10013) V.1- 1971-
CMROCX	Current Medical Research and Opinion. (Clayton-Wray Publications, 27 Sloane Sq., London SW1W 8AB, England) V.1- 1973-
CMSHAF	Chemosphere. (Pergamon Press, Headington Hill Hall, Oxford OX3 OEW, England) V.1- 1971-
CMTRAG	Chemotherapia. (Basel, Switzerland) V.1-12, 1960-67. For publisher information, see CHTHBK
CMTVAS	Cahiers de Medecine du Travail. (Association Professionnelle Belge des Medecins du Travail, rue du Bultia, 6280 Gerpinnes, Belgium) V.1- 1963-
CNCRA6	Cancer Chemotherapy Reports. (Bethesda, MD) V.1-52, 1959-68. For publisher information, see CCROBU
CNDIBJ	Cahiers de Notes Documentaires. (Institut National de Recherche et de Securite, 30 rue Olivier-Noyer, 75680 Paris Cedex 14, France) Note 1- 1955-
CNDQA8	Cahiers de Nutrition et de Dietetique. (Presses Universitaires de France, 108 Blvd. Saint-Germain, 75 Paris 6, France) V.1- 1966-
CNJGA8	Canadian Journal of Genetics and Cytology. (Genetics Society of Canada, 151 Slater St., Suite 907, Ottawa, Ont. K1P 5H4, Canada) V.1- 1959-
CNJMAQ	Canadian Journal of Comparative Medicine and Veterinary Science. (Gardenvale, Quebec, Canada) V.4-32, 1940-68. For publisher information, see CJCMAV
CNJPAZ	Canadian Journal of Pharmaceutical Sciences. (Canadian Pharmaceutical Association, Inc., 175 College St., Toronto, Ontario M5T 1P8, Canada) V.1- 1966-
CNREA8	Cancer Research. (Waverly Press, Inc., 428 E. Preston St. Baltimore, MD 21202) V.1- 1941-
CNRMAW	Canadian Journal of Research, Section E, Medical Sciences. (Ottawa, Canada) V.22-28, 1944-50. For publisher information, see CJBIAE
CNVJA9	Canadian Veterinary Journal. (Canadian Veterinary Journal, 360 Bronson Ave., Ottawa, Ontario K1R 6J3, Canada) V.1- 1960-
CODEDG	Contact Dermatitis. Environmental & Occupational Dermatitis. (Munksgaard, 35 Norre Sogade, DK 1370 Copenhagen K, Denmark) V.1- 1975-
COGYAK	Clinical Obstetrics and Gynecology. (Harper & Row, Medical Dept., 2350 Virginia Ave., Hagerstown, MD 21740) V.1- 1958-
COINAV	Colloques Internationaux du Centre National de la Recherche Scientifique. (Centre National de la Recherche Scientifique, 15, Quai Anatole-France, F-75700 Paris, France) V.1- 1946-
CONEAT	Confinia Neurologica. (S. Karger AG, Arnold-Boecklin-St 25, CH-4000, Basel 11, Switzerland) V.1- 1938-
COPYAV	Comprehensive Psychiatry. (Grune & Stratton, Inc., 111 5th Ave., New York, NY 10003) V.1- 1960-
COREAF	Comptes Rendus Hebdomadaires des Seances, Academie des Sciences. (Paris, France) V.1-261, 1835-1965. For publisher information, see CHDDAT
CORPAE	Clinical Orthopaedics. (Philadelphia, PA) No.1-25, 1953-62. For publisher information, see CORTBR
CORTBR	Clinical Orthopaedics and Related Research. (J. B. Lippincott Co., E. Washington Sq., Philadelphia, PA 19105) No.26- 1963-
COTODO	Journal of Fire and Flammability/Combustion Toxicology Supplement. (Technomic Publishing Co., 265 Post Rd. W., Westport, CT 06880) V.1-2, 1974-75. For Publisher information, see JCTODH
COTPAO	Clinica Ortopedica. (Clinica Ortopedica dell'Universita Via Giustiniani, 35100 Padua, Italy) V.1- 1949-
COVEAZ	Cornell Veterinarian. (Cornell University, New York State College of Veterinary Medicine, Ithaca, NY 14853) V.1- 1911-
CPAJAK	Canadian Psychiatric Association Journal. (Suite 103, 225 Lisgar St., Ottawa K2P OC6, Ontario, Canada) V.1- 1956-
CPBTAL	Chemical & Pharmaceutical Bulletin. (Pharmaceutical Society of Japan, 12-15-501, Shibuya 2-chome, Shibuya-ku, Tokyo, 150, Japan) V.6- 1958-
CPCHAO	Clinical Proceedings of the Children's Hospital of the District of Columbia. (Washington, DC) V.1-27, 1971. For publisher information, see CPNMAQ
CPEDAM	Clinical Pediatrics. (J. B. Lippincott Co., E. Washington Sq., Philadelphia, PA 19105) V.1- 1962-
CPGPAY	Comparative and General Pharmacology. (New York, NY) V.1-5, 1970-74. For publisher information, see GEPHDP
CPHPA5	Chieh Pou Hsueh Pao. Journal of Anatomy. (Guozi ShuDian, Peking, China) V.1- 1953-
CPJOAC	Canadian Pharmaceutical Journal. (175 College St., Toronto M5T 1P8, Ontario, Canada) V.1- 1868-
CPNMAQ	Clinical Proceedings, Children's Hospital National Medical Center. (2125 13th St., N.W., Washington, DC 20009) V.28- 1972-
CRAAA7	Current Researches in Anesthesia & Analgesia. (Cleveland, OH) V.1-35, 1922-56. For publisher information, see AACRAT
CRBCAI	Critical Reviews in Biochemistry. (CRC Press, Inc., 2000 N.W. 24th Street, Boca Raton, Florida 33431) V.1- 1974-
CRDLP*	U. S. Army Chemical Research & Development Laboratory, Special Publication. (Edgewood Arsenal, MD 21010)
CRDLR*	U. S. Army Chemical Research & Development Laboratory, Technical Report. (Edgewood Arsenal, MD 21010)
CRNGDP	Carcinogenesis. (Information Retrieval, 1911 Jefferson Davis Highway, Arlington, VA 22202) V.1- 1980-
CRSBAW	Comptes Rendus des Seances de la Societe de Biologie et de Ses Filiales. (Masson et Cie, Editeurs, 120 Blvd. Saint-Germain, P-75280, Paris 06, France) V.1- 1849-
CRSHAG	Circulatory Shock. (Alan R. Liss Inc., 150 5th Ave., New York, NY 10011) V.1- 1974-

CRSUBM	Cancer Research Supplement (Williams & Wilkins Company, 428 E. Preston St., Baltimore, MD 21202) No.1-4, 1953-56
CRTXB2	CRC Critical Reviews in Toxicology. (CRC Press, Inc., 2000 N.W. 24th St., Boca Raton, FL 33431) V.1- 1971-
CSFUDY	Cell Structure and Function. (Japan Society for Cell Biology, Nakanishi Printing Co., Shimotachiuri-ogawa, Kamigyo-Ku, Kyoto 602, Japan) V.1- 1975-
CSHCAL	Cold Spring Harbor Conferences on Cell Proliferation. (Cold Spring Harbor Laboratory, POB 100, Cold Spring Harbor, NY 11724) V.1- 1974-
CSHSAZ	Cold Spring Harbor Symposia on Quantitative Biology. (Cold Spring Harbor Laboratory of Quantitative Biology, Cold Spring Harbor, NY 11724) V.1- 1933-
CSLNX*	U. S. Army Armament Research & Development Command, Chemical Systems Laboratory, NIOSH Exchange Chemicals. (Aberdeen Proving Ground, MD 21010)
CSPEAX	Cosmetics & Perfumery. (Allured Publishing Corp., Box 318, Wheaton, IL 60187) V.88- 1973-
CTCEA9	Current Therapeutic Research, Clinical & Experimental. (Therapeutic Research Press, P.O. Box 514, Tenafly, NJ 07670) V.1- 1959-
CTKIAR	Cell and Tissue Kinetics. (Blackwell Scientific Publications Ltd., Osney Mead, Oxford OX2 0EL, England) V.1- 1968-
CTOIDG	Cosmetics and Toiletries. (Allured Publishing Corp., P.O. Box 318, Wheaton, IL 60187) V.91- 1976-
CTOXAO	Clinical Toxicology. (Marcel Dekker, Inc., POB 11305, Church St. Station, New York, NY 10249) V.1- 1968-
CTPHBG	Current Topics in Pathology. (Springer-Verlag, Heidelberger Pl. 3, D-1 Berlin 33, Germany) V.51- 1970-
CTRRDO	Cancer Treatment Reports. (U. S. Government Printing Office, Supt. of Doc., Washington, DC 20402) V.60- 1976-
CTSRCS	Cell and Tissue Research. (Springer-Verlag New York, Inc., Service Center, 44 Hartz Way, Secaucus, NJ 07094) V.148- 1974-
CTYAD8	Chung Ts'ao Yao. Chinese Herbal Medicine. (Tsa Chih Pien Chi Pu, Hu-nan Yao Kung Yeh Yen Chiu So, Shao-yang, Hu-nan, Peop. Rep. China) V.11- 1980-
CUGED5	Current Genetics. (Springer-Verlag, Heidelberger, Pl. 3, D-1 Berlin 33, Germany) V.1- 1979(?)-
CUSCAM	Current Science. (Current Science Assoc., Mgr., Raman Research Institute, Bangalore 6, India) V.1- 1932-
CVREAU	Cardiovascular Research. (British Medical Journal, 1172 Commonwealth Ave., Boston, MA 02134) V.1- 1967-
CWLTM*	Chemical Warfare Laboratories Technical Memorandum. (U. S. Army Chemical Center, Edgewood Arsenal, MD 21010)
CYGEDX	Cytology and Genetics. English Translation of Tsitologiya i Genetika. (Allerton Press, Inc., 150 Fifth Ave., New York, NY 10011) V.8- 1974-
CYLPDN	Chung-kuo Yao Li Hsueh Pao. Acta Pharmacologica Sinica. (Shang-hai K'o Hsueh Chi Shu Ch'u Pan She, 450 Shui Chin Erh Lu, Shanghai 200020, People's Republic of China) V.1- 1980-
CYTBAI	Cytobios. (The Faculty Press, 88 Regent St., Cambridge, England) V.1- 1969-
CYTGAX	Cytogenetics. (Albert J. Phiebig Inc., POB 352, White Plains, NY 10602) V.1-11, 1962-72
CYTOAN	Cytologia. (Maruzen Co. Ltd., P.O. Box 5050, Tokyo International, Tokyo 100-31, Japan) V.1- 1929-
CYTPDT	Zhongyao Tongbao. (Peiking, China) V.1- 1976(?)-
CYTZAM	Cytobiologie. (Wissenschaftliche Verlagsgesellschaft, Postfach 40, D-7000 Stuttgart 1, Fed. Rep. Germany) V.1-18, 1969-79.
CZXXA9	Czechslovakian Patent Document. (Commissioner of Patents and Trademarks, Washington, DC 20231)
DABBBA	Dissertation Abstracts International, B: The Sciences and Engineering. (University Microfilms, A Xerox Co., 300 N. Zeeb Rd., Ann Arbor, MI 48106) V.30- 1969-
DABSAQ	Dissertation Abstracts, B: The Sciences and Engineering. (University Microfilms, A Xerox Co., 300 N. Zeeb Rd., Ann Arbor, MI 48106) V.27-29, 1966-69. For publisher information, see DABBBA
DADEDV	Drug and Alcohol Dependence. (Elsevier Sequoia SA, POB 851, CH-1001 Lausanne, Switzerland) V.1- 1975-
DAKMAJ	Deutsches Archiv fuer Klinische Medizin. (Munich, Germany) V.1-211, 1865-1965. For publisher information, see EJCIB8
DANKAS	Doklady Akademii Nauk S.S.S.R. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1- 1933-
DANTAL	Doklady Akademii Nauk Tadzhikskoi SSR. Proceedings of the Academy of Sciences of the Tadzhik SSR. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1- 1958-
DAPOAG	Deutsche Apotheker, Die Aktuelle Zeitschrift Fuer Pharmazeutische Berufe. (DM28, Postfach 350, 637 Oberursel, Germany) V.1- 1949-
DAZEA2	Deutsche Apotheker-Zeitung. (Deutscher Apotheker-Verlag, Postfach 40, D-7000 Stuttgart 1, Fed. Rep. Ger.) V.49- 1934-
DAZRA7	Doklady Akademii Nauk Azerbaidzhnskoi SSR. Proceedings of the Academy of Sciences of the Azerbaidzhan SSR. (V/O Mezhdunarodnaya Kniga, Kuznetskii Most 18, Moscow G-200, USSR) V.1- 1945-
DBANAD	Doklady Bolgarskoi Akademii Nauk. (Hemus, Blvd. Russki 6, Sofia, Bulgaria) V.1- 1948-
DBIOAM	Doklady Biochemistry. English of Doklady Akademii Nauk SSSR. (Plenum Publishing Corp., 233 Spring St., New York, NY 11013) V.112- 1957-
DBLRAC	Doklady Akademii Nauk BSSR. Proceedings of the Academy of Sciences of the Belorussian SSR. (v/o 'Mezhdunarodnaya Kniga', Kuznetskii Most 18, Moscow G-200, USSR) V.1- 1957-
DBRRDB	Developmental Brain Research. (Elsevier North-Holland Biomedical Press, Amsterdam, Netherlands) V.1- 1981-
DBTEAD	Diabete. (Le Raincy, France) V.1-22, 1953-1974
DBTGAJ	Diabetologia. (Springer-Verlag New York, Inc., Service Center, 44 Hartz Way, Secaucus, NJ 07094) V.1- 1965-
DCINAQ	Drug & Cosmetic Industry. (Drug Markets, 101 W. 31st St., New York, NY 10001) V.30- 1932-
DCTODJ	Drug and Chemical Toxicology. (Marcel Dekker, POB 11305, Church St. Station, New York, NY 10249) V.1- 1977/78-
DCUNAI	'Drugs in Current Use and New Drugs,' Modell, W., ed., New York, Springer Verlag, 1976.
DDIPD8	Drug Development and Industrial Pharmacy. (Marcel Dekker, POB 11305, Church St. Station, New York, NY 10249) V.3- 1977-
DDREDK	Drug Development Research. (Alan R. Liss, Inc., 150 5th Ave., New York, NY 10011) V.1- 1981-
DDSCDJ	Digestive Diseases and Sciences. (Plenum Publishing Corp., 233 Spring St., New York, NY 10013) V.24- 1979-
DEBIAO	Developmental Biology. (Academic Press, Inc., 111 5th Ave., New York, NY 10003) V.1- 1959-

DEBIDR	Developments in Biochemistry. (Elsevier North Holland, Inc., 52 Vanderbilt Ave., New York, NY 10017) V.1- 1978-
DECRDP	Drugs under Experimental and Clinical Research. (J.R. Prous Pub., Apartado de Correos 1179, Barcelona, Spain) V.1- 1977-
DEGEA3	Deutsche Gesundheitswesen. (VEB Verlag Volk und Gesundheit, Neue Gruenstr 18, 102 Berlin, E. Germany) V.1- 1946-
DENED7	Developmental Neuroscience (Basel). (S. Karger AG, Arnold- Boecklin Str. 25, CH-4011 Basel, Switzerland) V.1- 1978-
DEPBA5	Developmental Psychobiology. (John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex P01 1UD, England) V.1- 1968-
DERAAC	Dermatologica. (Albert J. Phiebig, Inc., P.O. Box 352, White Plains, NY 10602) V.79- 1939-
DGDFA5	Development, Growth & Differentiation. (Maruzen Co. Ltd., P.O. Box 5050, Tokyo International, Tokyo 100-31, Japan) V.11- 1969-
DHEFDK	DHEW Publication. (U.S. Dept. of Health, Education and Welfare. Washington, DC)
DIAEAZ	Diabetes. (American Diabetes Assoc., 600 5th Ave., New York, NY 10020) V.1- 1952-
DICHAK	Diseases of the Chest. (Chicago, IL) V.1-56, 1935-69. For publisher information, see CHETBF
DICPBB	Drug Intelligence and Clinical Pharmacy. (Drug Intelligence and Clinical Pharmacy, Inc., University of Cincinnati, Cincinnati, OH 45267) V.3- 1969-
DICRAG	Diseases of the Colon and Rectum. (Harper & Row, Publishers, 10 E. 53rd St., New York, NY 10022) V.1- 1958-
DIGEBW	Digestion. (S. Karger AG, Arnold-Boecklin Street 25, CH-4011 Basel, Switzerland) V.1- 1968-
DIMCAL	Developments in Industrial Microbiology. (Society for Industrial Microbiology, 1401 Wilson Blvd., Arlington, VA 22209) V.1- 1960-
DKBSAS	Doklady Biological Sciences (English Translation). (Plenum Publishing Corp., 233 Spring St., New York, NY 10013) V.112- 1957-
DMBUAE	Danish Medical Bulletin. (Ugeskrift for Laeger, Domus Medica, 2100 Copenhagen, Denmark) V.1- 1954-
DMCNAW	Developmental Medicine & Child Neurology. (J. B. Lippincott Co., E. Washington Sq., Philadelphia, PA 19105) V.1- 1958-
DMCSAD	Developmental Medicine and Child Neurology, Supplement. (William Heinemann Medical Books Ltd., 23 Bedford Sq., London WC1B 3HT, England) V.5- 1962-
DMDSAI	Drug Metabolism and Disposition. (Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202) V.1- 1973-
DMWOAX	Deutsche Medizinische Wochenschrift. (Georg Thieme Verlag, Herdweg 63, Postfach 732, 7000 Stuttgart 1, Federal Republic of Germany) V.1- 1875-
DNEUD5	Developments in Neuroscience (Amsterdam). (Elsevier North Holland, Inc., 52 Vanderbilt Ave., New York, NY 10017) V.1- 1977-
DNSSAW	Diseases of the Nervous System, Supplement. (Irvington, NJ) For publisher information, see DNSYAG
DNSYAG	Diseases of the Nervous System. (Physicians Postgraduate Press, Box 38293, Memphis, TN 38138) V.1- 1940-
DOEAAH	Down to Earth. AReview of Agricultural Chemical Progress. (Dow Chemical U.S.A., 1703 S. Saginaw Rd., Midland, MI 48640) V.1- 1945-
DOELB*	Reports prepared for the Office of Environmental Research of the Assistant Secretary for the Environment, U.S. Department of Energy, Under Contract Number EY-76-C-04-1013 by the Lovelace Biomedical and Environmental Research Institute
DOESD6	DOE Symposium Series. (NTIS, 5285 Port Royal Rd., Springfield, VA 22161) No.45- 1978-
DOWCC*	Dow Chemical Company Reports. (Dow Chemical U.S.A., Health and Environment Research, Toxicology Research Lab., Midland, MI 48640)
DPHFAK	Dissertationes Pharmaceuticae et Pharmacologicae. (Warsaw, Poland) V.18-24, 1966-72. For publisher information, see PJPPAA
DPIMDU	Dangerous Properties of Industrial Materials Report. (Van Nostrand Reinhold Co., Inc., 135 West 50th St., New York, NY 10020) V.1- 1981-
DPTHDL	Developmental Pharmacology and Therapeutics. (S. Karger AG, Postfach CH-4009 Basel, Switzerland) V.1- 1980-
DRFUD4	Drugs of the Future. (J.R. Prous, S.A. International Publishers, Apartado de Correos 1641, Barcelona, Spain) V.1- 1975/76-
DRISAA	Drosophila Information Service (Cold Spring Harbor Laboratory, POB 100, Cold Spring Harbor, NY 11724) No.1- 1934-
DRSTAT	Drug Standards. (Washington, DC) V.19-28, 1951-60. For publisher information, see JPMSAE
DRUGAY	Drugs. International Journal of Current Therapeutics and Applied Pharmacology Reviews. (ADIS Press Ltd., 18/F., Tung Sun Commercial Centre, 194-200 Lockhart Road, Wanchai,Hong Kong)
DTESD7	Developments in Toxicology and Environmental Science. (Elsevier, Scientific Publishing Co., POB 211, 1000 AE Amsterdam, Netherlands) V.1- 1977-
DTLVS*	'Documentation of Threshold Limit Values for Substances in Workroom Air,' Cincinnati, Ohio, American Conference of Governmental Industrial Hygienists, 1980
DTLWS*	'Documentation of the Threshold Limit Values for Substances in Workroom Air,' Supplements for Those Substances Added or Changed Since 1981 For publisher Information, see DTLVS*
DTTIAF	Deutsche Tieraerztliche Wochenschrift. (M. Verlag und H. Schaper, Postfach 260669, 3 Hanover 26, Germany) V.1- 1893-
DUPON*	E. I. Dupont de Nemours and Company, Technical Sheet. (1007 Market St., Wilmington, DE 19898)
DUSA**	'Dispensatory of the United States of America,' Osol, A. and G.E. Farrar, 24th ed., Philadelphia, J.B. Lippincott, 1947
DVBSA3	Developments in Biological Standardization. (S. Karger AG, Postfach CH-4009 Basel, Switzerland) V.23- 1974-
DZGGAK	Deutsche Zeitschrift fuer die Gesamte Gerichtliche Medizin. (Heidelberg, Germany) V.1-66, 1922-69. For publisher information, see ZRMDAN
DZMKAS	Deutsche Zahn-, Mund- und Kieferheilkunde. (Leipzig, German Democratic Republic) V.1-10, 1934-43; V.11-62, 1948-74.
DZZEA7	Deutsche Zahnaerztliche Zeitschrift. (Carl Hanser Verlag, Postfach 860420, D-8000 Munich 86, Federal Republic of Germany) V.1- 1946-
EbeAG#	Personal Communication to NIOSH from A.G. Ebert, International Glutamate Technical Committee, 85 Walnut St., Watertown, MA 02172

EAHB**	Environmental and Health Criteria for Benzidine. Meeting of DHEW Committee to Coordinate Toxicology and Related Programs, February 15, 1974 at Sterling Forest NY
EAPHA6	Eastern Pharmacist. (Eastern Pharmacist, 507, Ashok Bhawan, 93, Neru Place, New Delhi 110019, India) V.1- 1958-
EATR**	U. S. Army, Edgewood Arsenal Technical Report. (Aberdeen Proving Ground, MD 21010)
ECBUDQ	Ecological Bulletins. (Swedish National Science Research Council, Stockholm) Number 19- 1975-
ECEBDI	Experimental Cell Biology. (Phiebig Inc., POB 352, White Plains, NY 10602) V.44- 1976-
ECIET*	European Chemical Industry Ecology & Toxicology Centre. Joint Assessment of Commodity Chemicals. (Avenue Louise 250, B-63, B-1050 Brussels, Belgium)
ECJPAE	Endocrinologia Japonica. (Japan Publications Trading Co., 1255 Howard St., San Francisco, CA 94103) V.1- 1954-
ECMAAI	Economie et Medecine Animales. (Librairie des Facultes de Medecine et de Pharmacie, 174 Blvd. Saint-Germain, 75280 Paris CEDEX 06, France) V.1- 1960-
ECREAL	Experimental Cell Research. (Academic Press, 111 5th. Ave., New York, NY 10003) V.1- 1950-
EDRCAM	Endocrine Research Communcations. (Marcel Dekker, POB 11305, Church St. Station, New York, NY 10249) V.1- 1974-
EESADV	Ecotoxicology and Environmental Safety. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1977-
EGESAQ	Egeszsegtudomany. (Kultura, POB 149, H-1389 Budapest, Hungary) V.1- 1957-
EGJBAY	Egyptian Journal of Botany. (National Information and Documentation Centre, Al-Tahrir St., Awgaf P.O. Dokki, Cairo, Egypt) V.1- 1958-
EISOAU	Eiyo to Shokuryo. Food and Nutrition. (Nippon Eiyo, Shokuryo Gakkai, C/o Nippon Gakkai Jimu Senta 2-4-16 Yayoi, Bunkyo-ku, Tokyo 113, Japan) V.10- 1957-
EJBCAI	European Journal of Biochemistry. (Springer-Verlag, Heidelberger, Pl. 3, D-1 Berlin 33, Germany) V.1- 1967-
EJBLAB	Egyptian Journal of Bilharziasis. (National Information Documentation Center, Tahrir St., Dokki, Cairo, Egypt) V.1- 1974-
EJCAAH	European Journal of Cancer. (Pergamon Press, Headington Hill Hall, Oxford OX3 OEW, England) V.1- 1965-
EJCBDN	European Journal of Cell Biology. (Wissenschaftliche Fed. Rep. Ger.) V.19- 1979-
EJCIB8	European Journal of Clinical Investigation. (Springer-Verlag, Heidelberger, Pl. 3, D-1 Berlin 33, Germany) V.1- 1970-
EJCODS	European Journal of Cancer and Clinical Oncology. (Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England) V.17, No.7- 1981-
EJCPAS	European Journal of Clinical Pharmacology. (Springer-Verlag, Heidelberger Pl. 3, D-1 Berlin 33, Germany) V.3- 1970-
EJGCA9	Egyptian Journal of Genetics and Cytology. (Egyptian Society of Genetics. c/o Alexandria University, Faculty of Agriculture, Dept. of Genetics, Alexandria, Egypt.) V.1- 1972
EJMBA2	Egyptian Journal of Microbiology. (National Information and Documentation Centre, A1-Tahrir St., Awqaf P.O. Dokki, Cairo, Egypt) V.7- 1972-
EJMCA5	European Journal of Medicinal Chemistry. Chimie Therapeutique. (Center National de la Recherche Scientifique, 3 rue J.B. Clement, F-92290 Chatenay-Malabry, France) V.9- 1974-
EJNMD9	European Journal of Nuclear Medicine. (Springer-Verlag New York, Inc., Service Center, 44 Hartz Way, Secaucus, NJ 07094) V.1- 1975-
EJPHAZ	European Journal of Pharmacology. (North-Holland Publishing, POB 211, 1000AE Amsterdam, Netherlands) V.1- 1967-
EJRDD2	European Journal of Respiratory Diseases. (Munksgaard, 35 Norre Sogade, DK 1370 Copenhagen K, Denmark) V.61- 1980-
EJTXAZ	European Journal in Toxicology and Environmental Hygiene. (Editor, 49 rue Saint-Andre-des-Arts, 75006 Paris, France) V.7- 1974-
EKFMA7	Eksperimental'naya i Klinicheskaya Farmakoterapiya. (Akademiya Nauk Latviiskoi SSR, Inst., Organicheskogo Sinteza, ul. Aizkraukles 21, Riga, U.S.S.R.) No.1- 1970-
EKMMA8	Eksperimentalna Meditsina i Morfologiya. (Hemus, Blvd. Russki 6, Sofia, Bulgaria) V.1- 1962-
EMERY*	Emery Industries, Inc., Data Sheets. (4900 Este Ave., Cincinnati, OH 45232)
EMGMAQ	Emergency Medicine. (Fischer Medical Publications, 280 Madison Ave., New York, NY 10006) V.1- 1969-
EMJBA8	E. Merck's Jahresberichte. (Darmstadt, Germany) V.?-V.69, 1908-56. For publisher information, see WBEMAZ
EMPSAL	Experimental and Molecular Pathology, Supplement. (Academic Press, 111 5th Ave., New York, NY 10003) No.1- 1963-
EMSPAR	Electron Microscopy Society of America, Proceedings of Annual Meeting: (Claitor's Publishing Division, POB 239, Baton Rouge, LA 70821) V.35- 1977-
EMSUAB	Experimental Medicine & Surgery. (Brooklyn Medical Press, 600 Lafayette Ave., Brooklyn, NY 11216) V.1- 1943-
ENDKAC	Endokrinologie. (Johann Ambrosius Barth Verlag, Postfach 109, Salomonst 186, 701 Leipzig, E. Germany) V.1- 1928-
ENDOAO	Endocrinology. (Williams & Wilkins Co., Dept. 260, P.O. Box 1496, Baltimore, MD 21203) V.1- 1917-
ENMUDM	Environmental Mutagenesis. (Alan. R. Liss, Inc., 150 Fifth Ave., New York, NY 10011) V.1- 1979-
ENPBBC	Environmental Physiology and Biochemistry. (Copenhagen, Denmark) V.2-5, No. 6, 1972-5, Discontinued.
ENVIDV	Environmental Internationl. (Pergamon Press, Ltd., Headington Hill Hall, Oxford OX3 0BW, England) V.1- 1978-
ENVPAF	Environmental Pollution. (Applied Science Publishers, Ltd., 510 Ripple Rd., Barking, Essex 1911 OSA, England) V.1- 1970-
ENVRAL	Environmental Research. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1967-
ENZYAS	Enzymologica. (Dr. W. Junk bv Publishers, POB 13713, 2501 ES The Hague, Netherlands) V.1-43, 1936-72.
EPASR*	United States Environmental Protection Agency, Office of Pesticides and Toxic Substances. (U.S. Environmental Protection Agency, 401 M St., S.W. Washington, DC 20460) History Unknown
EPILAK	Epilepsia. (Elsevier Publishing Co., P.O. Box 211, Amsterdam C, Netherlands) V.1- 1959-
EQSFAP	Environmental Quality & Safety. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1972-
EQSSDX	Environmental Quality & Safety, Supplement. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1975-

ERNFA7	Ernaehrungsforschung. (Akademie-Verlag GmbH, Leipziger St. 3-4, 108 Berlin, E. Germany) V.1- 1956-
ESDBAK	Eisei Dobutsu. Sanitary Zoology. (Japan Society of Sanitary Zoology, c/o Institute of Medical Science, Unversity of Tokyo, 4-6- 1 Shiroganedai, Minato-ku, Tokyo 108, Japan) V.1- 1950-
ESKGA2	Eisei Kagaku. (Nippon Yakugakkai, 2-12-15 Shibuya, Shibuya-Ku, Tokyo 150, Japan) V.1- 1953-
ESKHA5	Eisei Shikenjo Hokoku. Bulletin of the National Hygiene Sciences. (Kokuritsu Eisei Shikenjo, 18-1 Kamiyoga 1 chome, Setagaya-ku, Tokyo, Japan) V.1- 1886-
ESTHAG	Environmental Science and Technology. (American Chemical Society, 1155 16th St., N.W., Washington, DC 20036) V.1- 1967-
ETATAW	Eesti N.S.V. Teaduste Akadeemia Toimetised, Biologia. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.5- 1956-
ETEAAT	Entomologia Experimentalis et Applicata. (Nederlandse Entomologische Vereniging, Pl. Middenlaan 64, 1018 DH Amsterdam, Netherlands) V.1- 1958-
ETOCDK	Environmental Toxicology and Chemistry. (Pergamon Press Inc., Maxwell House, Fairview Park, Elmsford, NY 10523) V.1- 1982-
ETOXAC	Essays in Toxicology. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1969-
EUSRBM	European Surgical Research. (S. Karger AG, Arnold-Boecklin Str. 25, CH-4011, Basel, Switzerland) V.1- 1969-
EVETBX	Environmental Entomology. (Entomological Society of America, 4603 Calvert Rd., College Park, MD 20740) V.1- 1972-
EVHPAZ	Environmental Health Perspectives, DHEW Publication No. (NIH)74-218. (U. S. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, MD 20034) V.1- 1972-
EVPHBI	Environmental Physiology. (Copenhagen, Denmark) V.1 (No.1-4), 1971, For publisher information, see ENPBBC
EVSRBT	Environmental Science Research. (Plenum Publishing Corp., 233 Spring St., New York, NY 10013) V.1- 1972-
EXHMA6	Experimental Hematology. (Munksgaard, 35 Norre Sogade, DK 1370 Copenhagen K, Denmark) V.1- 1973-
EXMDA4	International Congress Series - Excerpta Medica. (Elsevier North Holland, Inc., 52 Vanderbilt Ave., New York, NY 10017) No.1- 1952-
EXMPA6	Experimental & Molecular Pathology. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1962-
EXNEAC	Experimental Neurology. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1959-
EXPAAA	Experimental Parasitology. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1951-
EXPEAM	Experientia. (Birkhaeuser Verlag, P.O. Box 34, Elisabethenst 19, CH-4010, Basel, Switzerland) V.1- 1945-
EXPTAX	Experimentelle Pathologie. (VEB Gustav Fischer Verlag, Postfach 176, Villengang 2, 69 Jena, E. Germany) V.1- 1967-
FerJJ#	Personal Communication to NIOSH from J.J. Ferry, Area Manager, Industrial & Environmental Hygiene, General Electric Company, 1 River Rd., Schenectady, NY 12345
FAATDF	Fundamental and Applied Toxicology (Official Journal of the Society of Toxicology, 475 Wolf Ledges Parkway, Akron, OH 44311) V.1- 1981-
FAONAU	Food and Agriculture Organization of United Nations, Report Series. (FAO-United Nations, Room 101, 1776 F Street, NW, Washington, DC 20437)
FAPOA4	Farmacja Polska. Polish Pharmacy. (RUCH, ul Wronia 23, Warsaw 1, Poland) V.1- 1945-
FARVAZ	Farmakologiya Alkaloidov. (Tashkent, U.S.S.R.) No.1- 1962-
FATOAO	Farmakologiya i Toksikologiya (Moscow). (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.2- 1939-
FATOBP	Farmakologiya i Toksikologiya (Kiev). Pharmacology and Toxicology. (Kievskii Nauchno-Issledovatel'skii Institut Farmakologii i Toksikologii, Kiev, U.S.S.R.) No.1- 1964-
FAVUAI	Fiziologicheski Aktivnye Veshchestva. Physiologically Active Substances. (Akademiya Nauk Ukrainskoi S.S.R., Kiev, U.S.S.R.) No.1- 1966-
FAZMAE	Fortschritte der Arzneimittelforschung. (Birkhauser Verlag, P.O. Box 34, Elisabethenst 19, CH-4010, Basel, Switzerland) V.1- 1959-
FCTOD7	Food and Chemical Toxicology. (Pergamon Press, Headington Hill Hall, Oxford OX3 OBW, England) V.20- 1982-
FCTXAV	Food and Cosmetics Toxicology. (Pergamon Press Ltd., Maxwell House, Fairview Park Elmsford, NY 10523) V.1-19, 1963-81. For Publisher information, see FCTOD7
FDRLI*	Food & Drug Research Labs., Papers. (Waverly, NY 14892)
FEBLAL	FEBS Letters. (Elsevier Scientific Publishing Co., POB 211, 1000 AE Amsterdam, Netherlands) V.1- 1968-
FEPRA7	Federation Proceedings, Federation of American Societies for Experimental Biology. (9650 Rockville Pike, Bethesda, MD 20014) V.1- 1942-
FEREAC	Federal Register. (U. S. Government Printing Office, Sup. of Doc., Washington, DC 20402) V.1- 1936-
FESTAS	Fertility & Sterility. (American Fertility Society, 1608 13th Ave. S. Birmingham, AL 35205) V.1- 1950-
FGREDT	Frontiers of Gastraintestinal Research. (S. Karger AG, Arnold- Boecklin Str. 25, CH-4011 Basel, Switzerland) V.1- 1975-
FHCYAI	Folia Histochemica et Cytochemica. (Ars Polona-RUCH, P.O. Box 1001, P-00 068 Warsaw, 1, Poland) V.1- 1963-
FKGCAR	Fortschritee der Kiefer-und Gesichts-Chirurgie. (Georg Thieme Verlag, Stuttgart, Germany) V.1- 1955-
FKIZA4	Fukuoka Igaku Zasshi. (Fukuoka Igakkai, c/o Kyushu Daigaku Igakubu, Tatekasu, Fukuoka-shi, Fukuoka, Japan) V.33- 1940-
FLABAZ	Fluoride Abstracts. (Kettering Lab., University of Cincinnati, College of Medicine, Dept. of Envir. Health, Cincinnati, OH 45219) No.1- 1955/58-
FLCRAP	Fluorine Chemistry Reviews. (Marcel Dekker Inc., 305 E. 45th St., New York, NY 10017) V.1- 1967-
FLUOA4	Fluoride. (International Society for Fluoride Research, P.O. Box 692, Warren, MI 48090) V.3- 1970-
FMCHA2	Farm Chemicals Handbook. (Meister Publishing, 37841 Euclid Ave., Willoughby, OH 44094)
FMDZAR	Fortschritte der Medizin. (Dr. Schwappach und Co., Wessobrunner Str 4, 8035 Gauting vor Muenchen, Germany) V.1- 1883-
FMLED7	FEMS Microbiology Letters. (Elsevier Scientific Publishing Co., POB 211, Amsterdam, Neth.) V.1- 1977-
FMNUA5	Farmacia Nueva. (Eugenia de Montijo, 68 Madrid 25, Spain) V.1- 1934-
FMORAO	Folia Morphologica (Prague). (Plenum Publishing Corp. 233 Spring St., New York, NY 10013) V.13- 1965-
FMTYA2	Farmatsiya (Sofia). (Hemus, Blvd. Russki 6, Sofia, Bulgaria) V.1- 1951-

FNSCA6	Forensic Science. (Elsevier Sequoia SA, P.O. Box 851, CH 1001, Lausanne 1, Switzerland) V.1- 1972-
FOBGAB	Folia Biologica. (Ars Polona-RUCH, POB 154, Warsaw 1, Poland) V.1- 1953-
FOBLAN	Folia Biologica. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1955-
FOCIAJ	Folia Clinica Internacional. (Editorial Glarma, Folgarolas, 15 Barcelona, Spain) V.1- 1951-
FOHEAW	Folia Haematologica. (Buchexport, Postfach 160, Leninstr. 16, DDR-701, Leipzig, Ger. Dem. Rep.) V.69- 1949-
FOMAAB	Food Manufacture. (Bayard, S. Co., 20 Vesey St., New York, NY 10007) V.1- 1927-
FOMDAK	Folia Medica. (Via Raffaele de Caesare, 31 Naples, Italy) V.1- 1915-
FOMIAZ	Folia Microbiologica (Prague). (Academia, Vodickova 40, CS-112 29 Prague 1, (Czechoslavakia) V.4- 1959-
FOMOAJ	Folia Morphologica (Warsaw). (Panstwowy Zakiad Wydawnictw Lekarskich, ul. Druga 38-40, P-00 238 Warsaw, Poland) V.1- 1929-
FOREAE	Food Research. (Champaign, IL) V.1-25, 1936-60. For publisher information, see JFDSAZ
FOTEAO	Food Technology. (Institute of Food Technolgists, 221 N. La Salbe St., Chicago, IL 60601) V.1- 1947-
FPNJAG	Folia-Psychiatrica et Neurologica Japonica. (Folia Publishing Society, Todai YMCA Bldg., 1-20-6 Mukogaoka, Bunkyo-Ku, Tokyo 113, Japan) 1947-
FRBGAT	Frontiers of Biology. (Elsevier North Holland Inc., 52 Vanderbilt Ave., New York, NY 10017) V.1- 1966-
FRCHD6	JFF/Fire Retardant Chemistry. (Technomic Publishing Co., Inc., 265 W. State St., Westport, CN 06880) V.1- 1974-
FRMBAZ	Farmacia. (Rompresfilatelia, P.O. Box 2001, Calea Grivitei 64-66, Bucharest, Romania) V.1- 1953-
FRPFAO	Farmaco, Edizione Practica. (Casella Postale 114, 27100 Pavia, Italy) V.8- 1953-
FRPSAX	Farmaco, Edizione Scientifica. (Casella Postale 114, 27100 Pavia, Italy) V.8- 1953-
FRXXBL	French Demande Patent Document. (Commissioner of Patents and Trademarks, Washington, DC 20231)
FRZKAP	Farmatsevtichnii Zhurnal (Kiev). (v/o 'Mezhdunarodnaya Kniga, Kuznetskii Most 18, Moscow G-200, USSR) V.3- 1930-
FSASAX	Fette, Seifen, Anstrichmittel. (Industrieverlag von Hernhaussen KG, Roedingsmarkt 24, 2 Hamburg 11, Germany) V.55- 1953- Changed to Fette und Seifen in 1936.
FSIZAQ	Fukushima Igaku Zasshi. (c/o Fukushima-Kenritsu Ika Daigaku Toshokan, 5175 Sugizuma-cho, Fukushima, Japan) V.1- 1951-
FSSJAS	Forensic Science Society Journal. (The Society, 107 Fenchurch St., London EC3M 5JB, England) V.1- 1960-
FSTEAI	Farmaco (Paria); Scienza e Tecnica. (Pavia, Italy) V.1-7, 1946-52. For publisher information, see FRPSAX
FTNZAO	Food Technology in New Zealand. (R. Hill & Son, Ideal House, Eden St., Newmarket, Auckland, New Zealand) V.1- 1966-
FTSEAK	Fette und Seifen. V.43-54, 1936-52. Absorbed Ernahrungsindustrie in 1953.
FZPAAZ	Frankfurter Zeitschrift fuer Pathologie. (Munich, Germany) V.1-77, 1907-67. For publisher information, see VAAZA2
GANMAX	Gann Monograph. (Tokyo, Japan) No.1-10, 1966-71. For publisher information, see GMCRDC
GANNA2	Gann: Japanese Journal of Cancer Research. (Editorial Office of GANN, Japanese Cancer Association, c/o Cancer Institute, Kami-Ikeburo 1-37-1, Toshima-ku, Tokyo 170, Japan)
GANRAE	Gan No Rinsho. Cancer Clinics. (Ishiyaku Publishers, Inc., 7-10 Honkomagome 1-chome, Bunkyo-ku, Tokyo, Japan) V.1- 1954-
GASTAB	Gastroenterology. (Elsevier North Holland, Inc., 52 Vanderbilt Avenue, New York, NY 10017) V.1- 1943-
GCBIDC	Gastroenterologie Clinique et Biologique. (Masson et Cie, Editeurs, 120 Blvd. Saint-Germain, P-75280, Paris 06, France) V.1- 1977-
GCENA5	General and Comparative Endocrinology. (Academic Press, 111 Fifth Ave., New York, NY 10003) V.1- 1961-
GCTB**	Givaudan Corporation, Corporate Communications. (100 Delawanna Ave., Clifton, NJ 07014)
GDIKAN	Gifu Daigaku Igakubu Kiyo. Papers of the Gifu University School of Medicine. (Gifu Daigaku Igakubu, 40 Tsukasa-cho, Gifu, Japan) V.15- 1967-
GEFRA2	Geburtshilfe und Frauenheilkunde. (Intercontinental Medical Books Corp., 381 Park Ave., S., New York, NY 10016) V.1- 1939-
GEIGAI	Gendai Igaku. Current Medicine. (Aichi-ken Ishikai, 1-10 Minami Hisaya-cho, Naka-ku, Nagoya, Japan) V.1- 1950-
GEIRDK	Gendai Iryo. Modern Medical Care. (Gendai Iryosha, Kandabashi Bldg., 1-21 Nishiki-cho, Kanada Chiyoda-ku, Tokyo 101, Japan) V.1- 1969-
GENEA3	Genetica (The Hague). (Dr. W. Junk bv Publishers, POB 13713, 2501 ES The Hague, Netherlands) V.1- 1919-
GENRA8	Genetical Research. (Cambridge University Press, P.O. Box 92, Bentley House, 200 Euston Rd., London NW1 2DB, England) V.1- 1960-
GENTAE	Genetics. (P.O. Drawer U, University Station, Auston, TX 78712) V.1- 1916-
GEPHDP	General Pharmacology. (Pergamon Press Inc., Maxwell House Fairview Park, Elmsford, NY 10523) V.1- 1970-
GERNDJ	Gerontology. (S. Karger AG, Postfach CH-4009, Basel, Switzerland) V.22- 1976-
GESKAC	Genetika i Selektsiya. Genetics and Plant Breeding. (Izdatelstvo na Naukite, ul. Akad. G. Bonchev, 1113 Sofia, Bulgaria) V.1- 1968-
GETRE8	Gematologiya i Transfuziologiya. Hematology and Transfusion Science. (V/O Mezhdunarodnaya Kniga, Kuznetskii Most 18,Moscow G-200, USSR) V.28- 1983-
GHREAA	Guy's Hospital Reports. (London) V.1-123, 1836-1974. Discontinued
GICTAL	Giornale Italiano di Chemioterapia. Italian Journal of Chemotherapy. (Edizioni Minerva Medica, Casella Postale 491, I-10126 Turin, Italy) V.1-5, 1954-58; V.5- 1962-
GIFT**	Gigiena i fiz, Truda, Pro. Toksikol. Klin. Hygiene & Physiology of Labor, Industrial Toxicology & Clinical Aspects (U.S.S.R.)
GISAAA	Gigiena i Sanitariya. (English Translation is HYSAAV). (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1- 1936-
GJMSA7	Gumma Journal of Medical Sciences (Gumma Daigaku Igakubu, 3-39-22, Showa-Machi, Maebashi, Gumma 371, Japan) V.1- 1952-
GJSCDQ	Georgia Journal of Science. (Univ. of Georgia, Institute of Natural Resources, Athens, GA 30602) V.35- 1977-
GMCRDC	Gann Monograph on Cancer Research. (Japan Scientific Societies Press, Hongo 6-2-10, Bunkyo-ku, Tokyo 113, Japan) No. 11- 1971-

BEST COPY

GMITAB	Gazzetta Medica Italiana. (Minerva Medica, Casella Postale 491, Turin, Italy) V.95- 1936-
GMJOAZ	Glasgow Medical Journal. (Glasgow, Scotland) 1828-1955. For publisher information, see SMDJAK
GMMIAW	Giornale di Medicina Militare. Journal of Military Medicine. (Giornale di Medicina Militare, Via S. Stefano Rotondo, 4, Rome, Italy) V.56- 1908-
GNAMAP	Gigiena Naselennykh Mest. Hygiene in Populated Places. (Kievskii Nauchno - Issledovatel'skii Institut Obshchei i Kommunol'noi Gigieny, Kiev, U.S.S.R.) V.7- 1967-
GNKAA5	Genetika. (see SOGEBZ for English Translation) (v/o 'Mexhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, USSR) No.1- 1965-
GNLEAM	Genetics Lectures. (Corvallis, Oregon) V.1-5, 1969-77. Discontinued.
GNTKDF	Genetika (Zemun, Yugoslavia). (Unija Bioloskih Naucnih Drustava Jugoslavije, Postanski fah 127, Zemun, Yugoslavia) V.1- 1969-
GOBIDS	ecologic and Obstetric Investigation. (S. Karger AG, Postfach CH-4009, Basel, Switzerland) V.9- 1978-
GRCSB*	Goodrich Chemical Co., Service Bulletin (B. F. Goodrich Chemical Group, 6100 Oak Tree Blvd., Cleveland, OH 44131)
GRMDAI	German Medicine. (Stuttgart, Germany) V.1-3, 1971-73. Discontinued.
GRMMAB	German Medical Monthly. (Stuttgart, Germany) 1956-70. (English Translation of DMWOAX) For publisher information, see GRMDAI
GROWAH	Growth. (Southern Bio-Research Institute, Florida Southern College, Lakeland, FL 33802) V.1- 1937-
GSAMAQ	Geological Society of America, Memoir. (The Society, Colorado Bldg., P.O. Box 1719, Boulder, CO 80302) No.1- 1934-
GSLNAG	Gaslini(Genoa). Rivista de Pediatria e di Specialita Pediatriche. (Istituto 'Giannina Gaslini', Via Cinque Maggio, 39, 16148 Genoa, Italy) V.1- 1969-?
GTKRDX	Gan to Kagaku Ryoho. Cancer and Chemotherapy. (Gan to Kagaku Ryohosha, Yaesu Bldg., 1-8-9 Yaesu, Chuo-Ku, Tokyo 103, Japan) V.1- 1974-
GTNIAI	Geneeskundig Tijdschrift voor Nederlandsch-Indie. Medical Journal for the Netherlands Indies. (Djakarta, Indonesia) V.1-82, 1852-1942. Discontinued.
GTPPAF	Gigiena Truda i Professional'naya Patologiya v Estonskoi SSR. Labor Hygiene and Occupational Pathology in the Estonian SSR. (Institut Eksperimental'noi i Klinicheskoi Meditsiny Ministerstva Zdravookhraneniya Estonskoi SSR, Tallinn, USSR) V.8- 1972-
GTPZAB	Gigiena Truda i Professional'nye Zabolevaniia. Labor Hygiene and Occupational Diseases. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1- 1957-
GUCHAZ	'Guide to the Chemicals Used in Crop Protection,' Information Canada, 171 Slater St., Ottawa, Ontario, Canada (Note that although the Registry cites data from the 1968 edition, this reference has been superseded by the 1973 edition.)
GUTTAK	Gut. (British Medical Journal, 1172 Commonwealth Ave., Boston, MA 02134) V.1- 1960-
GVOGAV	Galvano-Organo (Champs-Elysees, 75008 Paris, France) V.43- 1974-
GWXXBX	German Patents. (U.S. Patent Office, Science Library, 2021 Jefferson Davis Highway, Arlington, VA 22202)
GYNIAJ	Gynecologic Investigation. (Basel, Switzerland) V.1-8, 1970-77. For publisher information, see GOBIDS
GYNOA3	Gynecologic Oncology. (Academic Press, 111 Fifth Ave., New York, NY 10003) V.1- 1972-
HarPN#	Personal Communication to Henry Lau, Tracor Jitco, from Paul N. Harris, M.D., Eli Lily Co., Greenfield, IN 46140
HunNJ#	Personal Communication from Nancy J. Hunt, E.I. DuPont de Nemours & Co., 1007 Market St., Wilmington, DE 19898, to Henry Lau, Tracor Jitco, Inc., May 10, 1977
HAEMAX	Haematologica. (Il Pensiero Scientifico, Via Panama 48, I-00198, Rome, Italy) V.1- 1920-
HAEMBY	Haematologia. (Akademiai Kiado, POB 24, H-1389, Budapest 502, Hungary) V.1- 1967-
HAZL**	Hazelton Laboratories, Reports. (Falls Church, VA)
HBAMAK	'Abdernalden's Handbuch der Biologischen Arbeitsmethoden.' (Leipzig, Germany)
HBTXAC	'Handbook of Toxicology, Volumes I-V,' Philadelphia, W.B. Saunders, 1956-1959
HCACAV	Helvetica Chimica Acta. (Verlag Helvetica Chimica Acta, Postfach, CH-4002 Basel, Switzerland) V.1- 1918-
HCMYAL	Histochemistry. (Springer-Verlag New York, Inc., Service Center, 44 Hartz Way, Secaucus, NJ 07094) V.38- 1974-
HDIZAB	Hiroshima Daigaku Zasshi, Medical Journal of the Hiroshima University (Hiroshima Daigaku Igakubu Saikingaku Kyoshitsu, Kasumi-cho, Hiroshima, Japan) V.10- 1962-
HDTYAT	Heredity. (Oliver & Boyd, Tweeddale Court, 14 High St., Edinburgh EH1 1YL, Scotland) V.1- 1947-
HEADAE	Headache. (American Assoc. for the Study of Headache, Rm 537, 621 S. New Ballas Rd., St. Louis, MO 63141) V.1- 1961-
HEGAD4	Hepatogastroenterology. (Georg Thieme Verlag, Postfach 732, Herdweg 63, D-7000 Stuttgart 1, Fed. Rep. Ger.) V.1- 1980-
HEPHD2	Handbook of Experimental Pharmacology. (Springer-Verlag, Heidelberger Pl. 3, D-1000 Berlin 33, Federal Republic of Germany) V.50- 1978-
HERBU*	Hercules Incorporated, Hercules Bulletin. (Hercules Incorporated, Pine & Paper Chemicals Department, Wilmington, DE)
HEREAY	Heriditas. (J.L. Toernqvist Book Dealers, S-26122 Landskrona, Sweden) V.1- 1947-
HFHBAG	Hartford Hospital Bulletin. (Hartford Hospital, Hartford, CT 06115) V.1- 1938/39-
HGANAO	Haigan. Lung Cancer. (Nippon Haigan Gakkai, c/o Chiba Daigaku Igakubu Haigan Kenkyusho, 1-8-1 Inohana, Chiba 280, Japan)
HHBLAU	Harper Hospital, Bulletin. (Detroit, Michigan) V.1-26, No.5, 1890-1968, Discontinued.
HIFUAG	HIFU. Skin. (Nihon Hifuka Gakkai Osaka Chihokai, C/o Osaka Daigaku Hifuka Kyoshitsu, 3-1, Dojima Hamadori, Fukushima-ku, Osaka 553, Japan) V.1- 1959-
HIKYAJ	Hinyokika Kiyo. (Acta Urologica Japonica). (Kyoto University Hospital. Department of Urology) V.1- 1955-
HINAAU	Hindustan Antibiotics Bulletin. (Hindustan Antibiotics, Pimpri, India) V.1- 1958-
HINEL*	Hine Laboratories Reports. (San Francisco, CA)
HIRGAY	Hiroshima Igaku. Journal of Hiroshima Medical Association. (Hiroshima Ishi Kaikan, 8-2 Naka-machi, Hiroshima, Japan) No.1- 1948-
HIRIA6	Hirosaki Igaku. (Hirosaki Daigaku Igakubu, Hirosaki, Japan) V.1- 1950-
HIUN**	Department of Cancer Research, Research Institute for Nuclear Medicine and Biology, Hiroshima University, Kasumi 1-2-3, Hiroshima 734, Japan

HKXUDL	Huanjing Kexue Xuebao. Environmental Sciences Journal. (Guoji Shudian, POB 399, Beijing, Peop. Rep. China) V.1- 1981-
HLSCAE	Health Laboratory Science. (American Public Health Assoc., 1015 18th St., N.W., Washington, DC 20036) V.1- 1964-
HLTPAO	Health Physics. (Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523) V.1- 1958-
HMMRA2	Hormone and Metabolic Research. (Georg Thieme Verlag, Postfach 732, Herdweg 63, D-7000 Stuttgart 1, Federal Republic of Germany) V.1- 1969-
HOBEAO	Hormones and Behavior. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1969-
HOCC**	Hooker Chemical Corporation Reports. (Niagara Falls, NY)
HOEKAN	Hokkaidoritsu Eisei Kenkyushoho. (Hokkaidoritsu Eisei Kenkyusho, Nishi-12-chome, Kita-19-jo, Kita-ku, Sapporo, Japan) No.1- 1951-
HOIZAK	Hokkaido Igaku Zasshi. Hokkaido Journal of Medical Science. (Hokkaido Daigaku Igakubu, Nishi-5-chome, Kita-12-jo, Sapporo, Japan) V.1- 1923-
HOKBAQ	Hoken Butsuri. Journal of the Japan Health Physics Society. (Nihon Hoken Butsuri Kyogikai, Sakamoto Bldg., Kitaaoyama 2-12-4, Minato-ku, Tokyo, Japan) V.1- 1966-
HPAOAM	Heating, Piping & Air Conditioning. (25 Sullivan St., Westwood, NJ 07675) V.1- 1929-
HPPAAL	Helvetica Physiologia et Pharmacologica Acta. (Basel, Switzerland) V.1-26, 1943-68. Discontinued.
HRMRA3	Hormone Research. (S. Karger AG, Postfach CH-4009, Basel, Switzerland) V.4- 1978-
HSZPAZ	Hoppe-seyler's Zeitschrift fuer Physiologische Chemie. (Walter de Gruyter & Co., Genthiner Street 13, D-1000, Berlin 30, Federal Republic of Germany) V.21- 1895/96-
HUDJAN	Hiroshima Daigaku Shigaku Zasshi. Hiroshima University Dentistry Journal. (Hiroshima Daiguka Shigakkai, 2-3, 1-chrome, Kasumi, Hiroshima 734, Japan) V.1- 1969-
HUGEDQ	Human Genetics. (Springer-Verlag, Neuenheimer Landst 28-30, D-6900 Heidelberg 1, Germany) V.31- 1976-
HUHEAS	Human Heredity. (S. Karger AG, Postfach, CH-4009 Basel, Switzerland) V.19- 1969-
HUMAA7	Humangenetik. (Heidelberg, Germany) V.1-30, 1964-1975. For publisher information, see HUGEDQ
HURC**	Huntingdon Research Center Reports. (Box 527, Brooklandville, MD 21022)
HWMJAE	Hawaii Medical Journal. (Hawaii Medical Association, 320 Ward Ave., Honolulu, Hawaii 96814) V.1- 1941-
HXPHAU	Handbuch der Experimentellen Pharmakologie. (Berlin, Germany) V.1-49, 1935-78.
HYDKAK	Hoshi Yakka Daigaku Kiyo. Proceedings of the Hoshi College of Pharmacy. (2-chome, Ebara, Shinagawa-ku, Tokyo, Japan) No.1- 1951-
HYHPDO	Hunan Yixueyuan Xuebao. Journal of Hunan Medical College. (Hu-nan I Hsueh Yuan, Ch'ang-sha, Peop. Rep. China) History unknown.
HYSAAV	Hygiene & Sanitation: English Translation of Gigiena Sanitariya. (Springfield, VA) V.29-36, 1964-71. Discontinued.
IAAAAM	International Archives of Allergy and Applied Immunology. (S. Karger, Postfach CH-4009, Basel Switzerland) V.1- 1950-
IAANBS	Internationales Archiv fuer Arbeitsmedizin. (Berlin, Germany) V.26-34, 1970-74. For publisher information, see IAEHDW
IAEHDW	International Archives of Occupational and Environmental Health. Springer-Verlag, Heidelberger, Platz 3, D-1000 Berlin 33, Federal Republic of Germany) V.35- 1975-
IANBAM	Izvestiya Akademii Nauk S.S.S.R., Seriya Biologicheskaya. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) No.1- 1936-
IAPUDO	IARC Publications. (World Health Organization, CH-1211 Geneva 27, Switzerland) No.27- 1979-
IAPWAR	International Journal of Air and Water Pollution. (London, England) V.4, No.1-4, 1961. For publisher information, see ATENBP
IARC**	IARC Monographs on the Evaluation of Carcinogenic Risk of Chemicals to Man. (World Health Organization, Internation Agency for Research on Cancer, Lyon, France) (Single copies can be ordered from WHO Publications Centre U.S.A., 49 Sheridan Avenue, Albany, NY 12210)
IARCCD	IARC Scientific Publications. (Geneva Switzerland) V.1-No.26, 1971-78, For publisher information, see IAPUDO
IASKA6	Izvestiya Akademii Nauk S.S.S.R., Seriya Khimicheskaya. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) No.1- 1936-
IBSCDQ	Information Bulletin on the Survey of Chemicals Being Tested for Carcinogenicity. (World Health Organization, International Agency for Research on Cancer, Lyon, France) (Single copies can be ordered from WHO Publications Centre U.S.A., 49 Sheridan Avenue, Albany, NY 12210) No. 1 1973-
IDJOAS	International Dental Journal. (A. Sijthoff, 37 Wagenstr, The Hague, Netherlands) V.1- 1950-
IDPYAK	Industrial Pharmacology. (Futura Publishing Co., 295 Main St., Mount Kisco, NY 10549) V.1- 1974-
IDZAAW	Idengaku Zasshi. Japanese Journal of Genetics. (Genetics Society of Japan, Nippon Iden Gakkai, Tanida 111, Mishima-shi, Shizuoka 411, Japan) V.1- 1921-
IECHAD	Industrial & Engineering Chemistry. (Washington, DC) V.15-62, 1923-70. For publisher information, see CHMTBL
IGAYAY	Igaku No Ayumi. Progress in Medicine. (Ishiyaku Shuppan K.K., 7-10, Honkomagone 1 chome, Bunkyo-ku, Tokyo, Japan) V.1- 1946-
IGIBA5	Igiena. (Editura Medicala, St 13 Decembrie 14, Bucharest, Romania) V.5- 1956-
IGSBAL	Igaku to Seibutsugaku. Medicine & Biology. (1-11-4 Higashi-Kanda, Chiyoda, Tokyo 101, Japan) V.1- 1942-
IGSBDO	Izvestiya Akademii Nauk Gruzinskoi SSR, Seriya Biologicheskaya. Biological Series. (V/O MezhJunarodnaya Kniga, Kuznetskii Most 18, Moscow G-200, USSR) V.1- 1975-
IHFCAY	Industrial Hygiene Foundation of America, Chemical and Toxicological Series, Bulletin. (5231 Centre Ave., Pittsburgh, PA 15232) 1947-69.
IHFMAU	Industrial Hygiene Foundation of America, Medical Series, Bulletin. (Pittsburgh, PA) No.1-17, 1937-70. Discontinued.
IHYDAU	Industrial Hygiene Digest. (Industrial Health Foundation, 5231 Centre Ave., Pittsburgh, PA 15232) V.1- 1937-
IIFBA4	Izvestiya na Instituta po Fiziologiya, Bulgarska Akademiya na Naukite. (Izdatelstvo na Bulgarskata Akademiya na Naukite, St. Geo. Milev ul 36, Sofia 13, Bulgaria) V.4- 1960-
IIZAAX	Iwate Igaku Zasshi. Journal of the Iwate Medical Association. (Iwate Igakkai, c/o Iwate Ika Daigaku, Uchimaru, Morioka, Japan) V.1- 1947-

IJBBBQ	Indian Journal of Biochemistry and Biophysics. (Council of Scientific and Industrial Research, Publication & Information Director, Hillside Rd., New Delhi 110012, India) V.8- 1971-
IJBOBV	International Journal of Biochemistry. (Pergamon Press Ltd., Headington Hill Hall, Oxford 0X3 0BW, England) V.1- 1970-
IJCAAR	Indian Journal of Cancer. (Dr. D.J. Jussawalla, Hospital Ave, Parel, Bombay 12, India) V.1- 1963-
IJCBDX	International Journal of Clinical Pharmacology and Biopharmacy. (Urban & Schwarzenberg, Pettenkoferst 18, D-8000 Munich 15, Germany) V.11- 1975-
IJCNAW	International Journal of Cancer. (International Union Against Cancer, 3 rue du Conseil-General, 1205 Geneva, Switzerland) V.1- 1966-
IJCPB5	International Journal of Clinical Pharmacology, Therapy and Toxicology. (Munich, Germany) V.6-10, 1972-74. For publisher information, see IJCBDX
IJDEBB	International Journal of Dermatology. (J. B. Lippincott Co., E. Washington Sq., Philadelphia, PA 19105) V.9- 1970-
IJEBA6	Indian Journal of Experimental Biology. V.1- 1963- For publisher information, see IJBBBQ
IJEVAW	International Journal of Environmental Studies. (Gordon & Breach Science Publishers Ltd., 41-42 William IV St., London WC2N 4DE, England) V.1- 1970-
IJGOAL	International Journal of Gynaecology & Obstetrics. (International Journal of Gynaecology & Obstetrics, POB 12037, Baltimore, NC 27709) V.7- 1969-
IJIMDS	International Journal of Immunopharmacology. (Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England) V.1- 1979-
IJLAA4	Indian Journal Animal Science. (Indian Council of Agricultural Research, Krishi Bhavan, New Delhi 110 001, India) V.39- 1969-
IJLEAG	International Journal of Leprosy. (Box 39088, Washington, DC 20016) V.1- 1933-
IJMDAI	Israel Journal of Medical Sciences. (P.O. Box 2296, Jerusalem, Israel) V.1- 1965-
IJMRAQ	Indian Journal of Medical Research. (Indian Council of Medical Research, P.O. Box 4508, New Delhi 110016, India) V.1- 1913-
IJMSAT	Irish Journal of Medical Science. (Royal Academy of Medicine, 6 Kildare St., Dublin, Ireland) V.1- 1968-
IJNDAN	Indian Journal of Nutrition and Dietetics. (Sri Avinashilingam Home Science College, Coimbatore 641011, India) V.7- 1970-
IJNEAQ	International Journal of Neuropharmacology. (Oxford, England/New York, NY) V.1-8, 1962-69. For publisher information, see NEPHBW
IJNMCI	International Journal of Nuclear Medicine and Biology. (Pergamon Press Inc., Maxwell House, Fairview Park, Elmsford, NY 10523) V.1- 1973-
IJOCAP	Indian Journal of Chemistry. (Council of Scientific and Industrial Research, Publication & Information Director, Hillside Rd., New Delhi 110012, India) V.1-13, 1963-75.
IJPAAO	Indian Journal of Pharmacy. (Bombay, India) V.1-40, No.1, 1939-78 For publisher information, see IJSIDW
IJPBAR	Indian Journal of Pathology & Bacteriology. (Dr. S.G. Deodhare, Medical College, Miraj Maharashtra, India) V.1- 1958-
IJPPAZ	Indian Journal of Physiology and Pharmacology. (Indian Journal of Physiology and Pharmacology, All India Institute of Medical Sciences, Department of Physiology, Ansari Nagar, New Delhi 110016, India) V.1- 1957-
IJRBA3	International Journal of Radiation Biology & Related Studies in Physics, Chemistry & Medicine. (Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK) V.1- 1959-
IJSBDB	Indian Journal of Chemistry. Section B: Organic Chemistry, Including Medicinal Chemistry. (Council of Scientific & Industrial Research, Pub. & Info. Director, Hillside Rd., New Delhi 110012, India) V.14- 1976-
IJSIDW	Indian Journal of Pharmaceutical Sciences. (Indian Journal of Pharmaceutical Sciences, Kalina, Santa Cruz (East), Bombay 400 029, India) V.40, no.2- 1978-
IJSPDJ	International Journal of Andrology, Supplement. (Scriptor Publisher ApS, 15 Gasvaerksvej, DK-1656 Copenhagen V, Denmark) No.1- 1978-
IJVNAP	International Journal for Vitamin & Nutrition Research. (Verlag Hans Huber, Laenggasstr. 76, CH-3000 Bern 9, Switzerland) V.41- 1971-
IJZOAE	Israel Journal of Zoology. (Weizman Science Press of Israel, P.O. Box 801, Jerusalem, Israel) V.12- 1963-
IMGAAY	Indian Medical Gazette. (Indian Medical Gazette, Block F, 105-C, New Alipore, Calcutta 700053, India) v.1-90, 1866-1955; new series V.1- 1961-
IMLCAV	Immunological Communications. (Marcel Dekker, POB 11305, Church St. Station, New York, NY 10249) V.1- 1972-
IMMUAM	Immunology. (Blackwell Scientific Publications, Osney Mead, Oxford OX2 OEL, England) V.1- 1958-
IMNGBK	Immunogenetics (New York). (Springer-Verlag New York, Inc., Service Center, 44 Hartz Way, Secaucus, NJ 07094) V.1- 1974-
IMSUAI	Industrial Medicine & Surgery. (Chicago, IL/Miami, FL) V.18-42, 1949-73. For publisher information see IOHSA5
INDRBA	Indian Drugs. (Indian Drugs Manufacturers' Associations C/o Dr. A. Patani, 102B, Poonam Chambers, Dr. A. B. Rd., Worli Bobmay 400 018, India) V.1- 1963-
INFIBR	Infection and Immunity. (American Society for Microbiology, 1913 I St., N.W., Washington, DC 20006) V.1- 1970-
INHEAO	Industrial Health. (2051 Kizukisumiyoshi-cho, Nakahara-ku, Kawasaki, Japan) V.1- 1963-
INJFA3	International Journal of Fertility. (Allen Press, 1041 New Hampshire, St., Lawrence, KS66044) V.1- 1955-
INJHA9	Indian Journal of Heredity. (Genetic Assoc. of India, Indian Veterinary Research Institute, Izatnagar, India) V.1- 1969-
INJMAO	Indian Journal of Medical Sciences. (Backbay View, Mama Parmanand Marg, Bombay 400004, India) V.1- 1947-
INJPD2	Indian Journal of Pharmacology. (Indian Pharmacological Society, Jawaharlal Institute of Postgraduate Medical Education and Research, Pharmacology Dept., Pondicherry 605006, India) V.1- 1968(?)-
INMEAF	Industrial Medicine. (Chicago, IL) V.1-18, 1932-49. For publisher information, see IOHSA5
INOPAO	Investigative Ophthalmology. (C.V. Mosby Co., 11830 Westline Industrial Dr., St. Louis, MO 63141) V.1- 1962-
INPDAR	Indian Pediatrics. (46-B Garcha Rd., Calcutta, India) V.1- 1964-
INPHB6	International Pharmacopsychiatry. (S. Karger AG, Postfach CH-4009, Basel, Switzerland) V.1- 1968-
INSSDM	INSERM Symposium. (Elsevier North Holland, Inc., 52 Vanderbilt Ave., New York, NY 10017) No.1- 1975-
INTEAG	Internist. (Springer-Verlag, Heidelberger Pl. 3, D-1 Berlin 33, Germany) V.1- 1960-

INTSAO	International Surgery. (International College of Surgeons, 1516 N. Lake Shore Dr., Chicago, IL 60610) V.45- 1966-
INURAQ	Investigative Urology. (Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202) V.1- 1963-
INVRAV	Investigative Radiology. (J.B.. Lippincott Co., E. Washington Sq., Philadelphia, PA 19105) V.1- 1966-
IOBPD3	International Journal of Radiation Oncology, Biology and Physics. Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England) V.1- 1975-
IOHSA5	International Journal of Occupational Health & Safety. (Medical Publications, Inc., 3625 Woodhead Dr., Northbrook, IL 60093) V.43- 1974-
IOVSDA	Investigative Ophthalmology and Visual Science. (C.V. Mosby Co., 11830 Westline Industrial Dr., St. Louis, MO 63146) V.16- 1977-
IPCLBZ	International Pest Control. (McDonald Publications, 268 High St., Uxbridge UB8 1UA, Middx., England) V.5- 1962
IPPABX	Iugoslavica Physiologica et Pharmacologica Acta. (Unija Bioloskih Naucnik Drustava Jugoslavije, Postanski fah 127, Belgrade-Zemun, Yugoslavia) V.1- 1965-
IPRAA8	Indian Practitioner. (231 Dr. Dadabhoy Naoroji Rd., Bombay 1, India) V.1- 1947/48-
IRGGAJ	Internationales Archiv fuer Gewerbepathologie und Gewerbehygiene. (Heidelberg, Germany) V.19-25, 1962-69. For publisher information, see IAEHDW
IRLCDZ	IRCS Medical Science: Library Compendium. (MTP Press Ltd., St. Leonards House, St. Leonards Gate, Lancaster LA1 3BR, England) V.3- 1975-
IRMEA9	International Record of Medicine. (New York, NY) V.170-174, 1957-61. For publisher information, see CLMEA3
IRNEAE	International Review of Neurobiology. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1959-
IRXPAT	International Review of Experimental Pathology. (Academic Press, 24-28 Oval Rd., London NW1 7DX, England) V.1- 1962-
ISBNBN	Izvestiya Sibirskogo Otdeleniya Akademii Nauk S.S.S.R., Seriya Biologicheskikh Nauk. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) No.1- 1969-
ISGEAK	Issledovaniya po Genetike (Leningrad). (Leningradskii Gosudarstvennyi Universitet, Leningrad, USSR) V.1- 1961-
ISMJAV	Israel Medical Journal. (Jerusalem, Israel) V.17-23, 1958-64. For publisher information, see IJMDAI
ISYAM*	'Amphetamines & Related Compounds,' E. Costa, ed., Proceedings of the Mario Negri Institute for Pharmacological Research, Milan, Italy, New York, Raven Press, 1970
ITCSAF	In Vitro. (Tissue Culture Association, 12111 Parklawn Dr., Rockville, MD 20852) V.1- 1965-
ITFCBH	Interface. (Society for Environmental Geochemistry and Health, West Virginia Univ., Morgantown, WV 26506) V.1- 1972-
ITMZBJ	Intensivmedizin. (Dr. Dietrich Steinkopff Verlag, Postfach 11-10-08, D-6100 Darmstadt 11, Fed. Rep. Germany) V.1- 1964-
ITOBAO	Izvestiya Akademii Nauk Tadzhikskoi SSR, Otdelenie Biologicheskikh Nauk. Proceedings of the Academy of Sciences of the Tadzhik SSR, Department of Biological Sciences. (V/O Mezhdunarodnaya Kniga, Kuznetskii Most 18, Moscow G-200, USSR) No.1- 1962-
IUSMDJ	ICN-UCLA Symposia on Molecular and Cellular Biology. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1974-
IVEJAC	Indian Veterinary Journal. (Indian Veterinary Journal, Dr. R. Krishnamurti, G.M.V.C., 10 Avenue Rd., Madras 600 034, India) V.1- 1924-
IVRYAK	Intervirology. (S. Karger AG, Postfach CH-4009, Basel, Switzerland) V.1- 1973-
IYKEDH	Iyakuhin Kenkyu. (Nippon Koteisho Kyokai, 12-15, 2-chome, Shibuya-Ku, Tokyo 150, Japan) V.1- 1970-
IZKPAK	Internationale Zeitschrift fuer Klinische Pharmakologie, Therapie und Toxikologie. (Munich, Fed. Rep. Ger.) V.1-5, 1967-72. For publisher information, see IJCBDX
IZSBAI	Izvestiya Sibirskogo Otdeleniya Akademii Nauk S.S.S.R., Seriya Biologomeditsinskikh Nauk. (Novosibirsk, U.S.S.R.) No.1-3, 1963-65. For publisher information, see ISBNBN
IZVIAK	Internationale Zeitschrift fuer Vitaminforschung. International Review of Vitamin Research. (Bern, Switzerland) V.19-40, 1947-70. For publisher information, see IJVNAP
JACBBD	Journal of Applied Chemistry and Biotechnology (Society of Chemical Industry, 14 Belgrave Sq., London SWIX 8PS, England) V. 21- 1971
JACHDX	Journal of Antimicrobial Chemotherapy. (Academic Press, 24-28 Oval Rd., London NW1 7DX, England) V.1- 1975-
JACIBY	Journal of Allergy & Clinical Immunology. (C.V. Mosby Co., 11830 Westline Industrial Dr., St. Louis, MO 63141) V.48- 1971-
JACSAT	Journal of the American Chemical Society. (American Chemical Society Publications, 1155 16th St., N.W., Washington, DC 20036) V.1- 1879-
JACTDZ	Journal of the American College of Toxicology. (Mary Ann Liebert, Inc., 500 East 85th St., New York, NY 10028) V.1- 1982-
JAFCAU	Journal of Agricultural & Food Chemistry. (American Chemical Society Publications, 1155 16th St., N.W., Washington, DC 20036) V.1- 1953-
JAGRAC	Journal of Agricultural Research. (Washington, DC) V.1-78, 1913-49. Discontinued.
JAGSAF	Journal of the American Geriatrics Society. (American Geriatrics Society, Inc., 10 Columbus Circle, New York, NY 10019) V.1- 1953-
JAIHAQ	Journal of the American Institute of Homeopathy. (Board of Trustees of the American Institute of Homeopathy, 910 17th St., N.W., Suite 428, Washington, DC 20006) V.1- 1909-
JAINAA	Journal of the Anatomical Society of India. (Dept. of Anatomy, Medical College, Aurangabad MS, India) V.1-1952-
JAJAAA	Journal of Antibiotics, Series A. (Tokyo, Japan) V.6-20, 1953-67. For publisher information, see JANTAJ
JAJBAD	Journal of Antibiotics, Series B. (Tokyo, Japan) V.6-20, 1953-67. For publisher information, see JANTAJ
JAMAAP	JAMA, Journal of the American Medical Association. (American Medical Association, 535 N. Dearborn St., Chicago, IL 60610) V.1- 1883-
JAMPA2	Journal of Animal Morphology and Physiology. (Society of Animal Morphologists and Physiologists, Dept. of Zoology, Faculty of Science, M.S. Univ. of Baroda, Baroda 2, India) V.1- 1954-
JANCA2	Journal of the Association of Official Analytical Chemists. (The Assoc., Box 540, Benjamin Franklin Station, Washington, DC 20044) V.49- 1966-
JANSAG	Journal of Animal Science. (American Society of Animal Science, 309 West Clark Street, Champaign, IL 61820) V.1- 1942-

JANTAJ	Journal of Antibiotics. (Japan Antibiotics Research Association, 2-20-8 Kamiosaki, Shinagawa-ku, Tokyo, Japan) V.2-5, 1948-52; V.21- 1968-
JAOCA7	Journal of the American Oil Chemists' Society. (American Oil Chemists' Society, 508 South 6th St., Champaign, IL 61820) V.24- 1947-
JAPHAR	Journal of Anatomy & Physiology. (London, England) V.1-50, 1916. For publisher information, see JOANAY
JAPMA8	Journal of the American Pharmaceutical Assoc., Scientific Edition. (Washington, DC) V.29-49, 1940-60. For publisher information, see JPMSAE
JAPRAN	Journal of Small Animal Practice. (Blackwell Scientific Publications Ltd., POB 88, Oxford, UK) V.1- 1960-
JAPYAA	Journal of Applied Physiology. (American Physiological Society, 9650 Rockville Pike, Bethesda, MD 20014) V.1- 1948-
JASIAB	Journal of Agricultural Science. (Cambridge University Press, London or Cambridge University Press, New York) V.1- 1905-
JATOD3	Journal of Analytical Toxicology. (Preston Publications, P.O. Box 48312, Niles, IL 60648) V.1- 1977-
JAVMA4	Journal of the American Veterinary Medical Association. (American Veterinary Medical Assoc., 600 S. Michigan Ave, Chicago, IL 60605) V.48- 1915-
JBCHA3	Journal of Biological Chemistry. (American Society of Biological Chemists, Inc., 428 E. Preston St., Baltimore, MD 21202) V.1- 1905-
JBJSA3	Journal of Bone & Joint Surgery. American Volume. (10 Shattuck St., Boston, MA 02115) V.30- 1948-
JBMRBG	Journal of Biomedical Materials Research. (J. Wiley & Sons, 605 3rd Ave., New York, NY 10016) V.1- 1967-
JBSUAK	Journal of Bone and Joint Surgery, British Volume. (Journal of Bone and Joint Surgery Inc., 10 Shattuck St., Boston, MA 02115) V.30- 1948-
JCBSB5	Journal of the Chinese Biochemical Society. (Chinese Biochemical Society, c/o Institute of Biological Chemistry, Academia Sinica, POB 23-106, Taipei, Taiwan) V.1- 1972-
JCCPAY	Journal of Cellular & Comparative Physiology. (Philadelphia, PA) V.1-66, 1932-65. For publisher information, see JCLLAX
JCEMAZ	Journal of Clinical Endocrinology and Metabolism. (Williams & Wilkins Co., 428 East Preston St., Baltimore, MD 21202) V.12- 1952-
JCENA4	Journal of Clinical Endocrinology. (Springfield, IL) V.1-11, 1941-51. For publisher information, see JCEMAZ
JCGBDF	Journal of Craniofacial Genetics and Developmental Biology. (Alan R. Liss, Inc., 150 Fifth Ave., New York, NY 10011) V.1- 1980-
JCGEDO	Journal of Cytology and Genetics. (Society of Cytologists and Geneticists, Treasurer, Professor M. S. Chennaveeraiah, Karnatak University, Department of Botany, Dharwar 580003, India) V.1- 1966-
JCHOAM	Journal of Chemotherapy. (Philadalphia, PA) v.4-11, 1927-34
JCHODP	Journal of Clinical Hematology and Oncology. (Wadley Institutes of Molecular Medicine, 9000 Harry Hines Blvd., Dallas, Texas 75235) V.5, No.3- 1975-
JCINAO	Journal of Clinical Investigation. (Rockefeller University Press, 1230 York Avenue, New York, NY 10021) V.1- 1924-
JCLBA3	Journal of Cell Biology. (Rockefeller University Press, 1230 York Avenue, New York, NY 10021) V.12- 1962-
JCLLAX	Journal of Cellular Physiology. (Alan R. Liss, Inc., 150 Fifth Avenue, New York, NY 10011) V.67- 1966-
JCNDBK	Journal of Clinical Pharmacology and New Drugs. (Stamford, Connecticut) V.11-13, No. 4, 1971-3, For publisher information, see JCPCBR
JCPAAK	Journal of Clinical Pathology. (British Medical Association, Tavistock Sq., London WC1H 9JR, England) V.1- 1947-
JCPBAN	Journal de Chimie Physique et de Physicochimie Biologique. (Stechert Macmillan, Inc., 7250 Westfield Ave., Pennsauken, NJ 08110) V.1- 1903-
JCPCBR	Journal of Clinical Pharmacology. (Hall Associates, P.O. Box 482, Stamford, CN 06904) V.13- 1973-
JCPCDT	Journal of Cardiovascular Pharmacology. (Raven Press, 1140 Ave. of the Americas, New York, NY 10036) V.1- 1979-
JCPHB8	Journal of Clinical Pharmacology and Journal of New Drugs. (Albany, NY) V.7-10, 1967-70. For publisher information, see JCPCBR
JCPPAV	Journal of Comparative and Physiological Psychology. (American Psychological Association, 1200 17th St., N.W., Washington, DC 20036) V.40- 1947-
JCPRB4	Journal of the Chemical Society, Perkin Transactions 1. (Chemical Society, Publications Sales Office, Burlington House, London W1V 0BN, England) No.1- 1972-
JCPTA9	Journal of Comparative Pathology & Therapeutics. (Liverpool, England) V.1-74, 1883-1964. For publisher information, see JCVPAR
JCREA8	Journal of Cancer Research. (Baltimore, MD) V.1-14, 1916-30. For publisher information, see CNREA8
JCROD7	Journal of Cancer Research and Clinical Oncology. (Springer-Verlag, Heidelberger Pl. 3, D-1 Berlin 33, Germany) V.93- 1979-
JCSOA9	Journal of the Chemical Society. (London, England) 1926-65. For publisher information, see JCPRB4
JCTODH	Journal of Combustion Toxicology. (Technomic Publishing Co., 265 Post Rd. W., Westport, CT 06880) V.3, no.1- 1976-
JCUPBN	Journal of Cutaneous Pathology. (Munksgaard, 35 Noerre Soegade, DK-1370 Copenhagen K, Denmark) V.1- 1974-
JCVPAR	Journal of Comparative Pathology. (Academic Press Inc., Ltd., 24-28 Oval Rd., London NW1 7DX, England) V.75- 1965-
JDGRAX	Journal of Drug Research (Drug Research and Control Center, 6, Abou Hazem St., Pyramids Ave., POB 29, Cairo, Egypt) V.2- 1969-
JDREAF	Journal of Dental Research. (American Association for Dental Research, 734 Fifteenth St., NW, Suite 809, Washington, D.C. 20005) V.1- 1919-
JDSCAE	Journal of Dairy Science. (American Dairy Science Association, 309 W. Clark St., Champaign, IL 61820). V.1- 1917-
JEBIAM	Journal of Experimental Biology. (P.O. Box 32, Commerce Way, Colchester CO2 8HP. Essex. U.K.) V.7- 1930-
JEEMAF	Journal of Embryology and Experimental Morphology. (P.O. Box 32, Commerce Way, Colchester CO2 8HP. Essex. U.K.) V.1- 1953-
JEENAI	Journal of Economic Entomology. (Entomological Society of America, 4603 Calvert Rd., College Park, MD 21201) V.1- 1908-
JEGPAY	Journal of the Egyptian Public Health Association. (The Assoc., Shoucha Bldg., Bloc. A, 31 Sharia 26 July, App. 116, Cairo, Egypt) V.1- 1926-

JELJA7	Journal of Electron Microscopy. (Japanese Society of Electron Microscopy, Japan Academy Societies Center, 2-4-16 Yayoi, Bunkyo-ku, Tokyo 113, Japan) V.1- 1953-
JEMAAJ	Journal of the Egyptian Medical Association. (The Egyptian Medical Assoc., 42 Sharia Kasr-el-aini, Cairo, Egypt) V.11- 1928-
JEMEAV	Journal of Experimental Medicine. (Rockefeller University Press, 1230 York Avenue, New York, NY 10021) V.1- 1896-
JEPTDQ	Journal of Environmental Pathology and Toxicology. (Pathotox Publ., 2405 Bond St., Park Forest South, IL 60466) V.1- 1977-
JESEDU	Journal of Environmental Science and Health, Part A: Environmental Science and Engineering. (Marcel Dekker, POB 11305, Church St. Station, New York, NY 10249) V.A11- 1976-
JETOAS	Journal Europeen de Toxicologie or European Journal of Toxicology. (Paris, France) V.1-6, 1968-73. For publisher information, see EJTXAZ V.1- 1968-
JEZOAO	Journal of Experimental Zoology (Alan. R. Liss, Inc., 150 Fifth Avenue, New York, NY 10011) V.1- 1904-
JFALAX	Journal of the Faculty of Agriculture, Tottori University. (Maruzen Co., Ltd., Export Dep., P.O. Box 5050, Tokyo Int., 100-31 Tokyo, Japan) V.1- 1951-
JFDSAZ	Journal of Food Science. (Institute of Food Technologists, Subscrip. Dept., Suite 2120, 221 N. La Salle St., Chicago, IL 60601) V.26- 1961-
JFHZA8	Journal of the Faculty of Science, Hokkaido University, Series 6: Zoology. (Hokkaido University, Faculty of Science, Nishi-8 chome, Kita-10jo, Kita-ku, Sapporo 060, Japan) V.1- 1930-
JFIBA9	Journal of Fish Biology. (Academic Press, 24-28 Oval Rd., London NW1 7DX, England) V.1- 1969-
JFLCAR	Journal of Fluorine Chemistry. (Elsevier Sequoia SA, P.O. Box 851, CH 1001, Lausanne 1, Switzerland) V.1- 1971-
JFMAAQ	Journal of the Florida Medical Association. (The Assoc., POB 2411, Jacksonville, FL 32203) V.1- 1914-
JFSCAS	Journal of Forensic Sciences. (American Society for Testing and Materials, 1916 Race St., Philadelphia, PA 19103) V.1- 1956-
JFSTAB	Journal of Food Science and Technology. (Assoc. of Food Scientists and Technologists, Exec Secy., Central Food Technological Research Inst., Mysore 570013, India) V.1- 1964-
JGAMA9	Journal of General and Applied Microbiology. (Microbiology Research Foundation, c/o Japan Academic Societies Center Bldg., 4-16, Tokyo 113, Japan) V.1- 1955-
JGMIAN	Journal of General Microbiology (P.O. Box 32, Commerce Way, Colchester CO2 8HP, UK) V.1- 1947-
JGOBAC	Journal de Gynecologie Obstetrique et Biologie de la Reproduction. (Masson et Cie, Editeurs, 120 Blvd. Saint-Germain, P-75280, Paris 06, France) V.1- 1972-
JHCYAS	Journal of Histochemistry and Cytochemistry. (Williams and Wilkins Co., 428 E. Preston St., Baltimore, MD 21202) V.1- 1953-
JHEMA2	Journal of Hygiene, Epidemiology, Microbiology and Immunology. (Avicenum, Zdravotnicke Nakladatelstvi, Malostranske namesti 28, Prague 1, Czechoslovakia) V.1- 1957-
JHHBAI	Bulletin of the Johns Hopkins Hospital. (Baltimore, MD) V.1-119, 1889-1966. For publisher information, see JHMJAX
JHMAD9	Journal of Hazardous Materials. (Elsevier Scientific, P.O. Box 211, Amsterdam C. Netherlands) V.1- 1977-
JHMJAX	Johns Hopkins Medical Journal. (Journals Dept., Johns Hopkins Univ. Press, Baltimore, MD 21218) V.120- 1967-
JICSAH	Journal of the Indian Chemical Society. (Indian Chemical Society, 92, Acharya Prafulla Chandra Rd., Calcutta 700009, India) V.5- 1928-
JIDEAE	Journal of Investigative Dermatology. (Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202) V.1- 1938-
JIDHAN	Journal of Industrial Hygiene. (Baltimore, MD/New York, NY) V.1-17, 1919-35. For publisher information, see AEHLAU
JIDIAQ	Journal of Infectious Diseases. (University of Chicago Press, 5801 S. Ellis Ave., Chicago, IL 60637) V.1- 1904-
JIDOAA	Jikken Dobutsu. Experimental Animals. (Nippon Jikken Dobutsu Kenkyukai, c/o Tokyo Daigaku Ikngaku Kenkyusho, 6-1, Shiroganedai, Minato-ku, Tokyo 108, Japan) V.1- 1952-
JIDXA3	Journal of the Indiana State Medical Association. (3935 N. Meridian, Indianapolis, IN 46208) V.1- 1908-
JIDZA9	Jinrui Idengaku Zasshi. Journal of Human Genetics. (Nippon Jinrui Iden Gakkai, c/o Tokyo Ika Shika Daigaku, 1-5-45 Yushima, Bunkyo-ku, Tokyo 113, Japan) V.1- 1956-
JIHTAB	Journal of Industrial Hygiene and Toxicology. (Baltimore, MD/New York, NY) V.18-31, 1936-49. For publisher information, see AEHLAU
JIISAD	Journal of Indian Institute of Science. (The Institute, Bangalore 560012, India) V.42- 1960-
JIMAAD	Journal of the Indian Medical Association. (Indian Medical Assoc., 53, Creek Row, Calcutta 700014, India) V.1- 1931-
JIMMBG	Journal of Immunological Methods. (Elsevier North Holland Inc., 52 Vanderbilt Ave., New York, NY 10017) V.1- 1971-
JIMRBV	Journal of International Medical Research. (Secy., Cambridge Medical Publications, Ltd., 435/437 Wellingborough Rd., Northampton NN1 4EZ, England) V.1- 1972-
JIMSAX	Journal of the Irish Medical Association. (The Association, I.M.A. House, 10 Fitzwilliam Pl., Dublin, Ireland) V.28- 1951-
JINCAO	Journal of Inorganic Nuclear Chemistry. (Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England) V.1- 1955-
JISMAB	Journal of the Iowa State Medical Society. (Iowa Medical Society, 1001 Grand Ave., West Des Moines, IA 50265) V.1- 1911-
JJANAX	Japanese Journal of Antibiotics. (Japan Antibiotics Research Assoc., 2-20-8 Kamiosaki, Shinagawa-ku, Tokyo, Japan) V.21- 1968-
JJATDK	JAT; Journal of Applied Toxicology. (Heyden and Sons, Inc., 247 41st St., Philadelphia, PA 19104) V.1- 1981-
JJCOAC	Japanese Journal of Clinical Oncology. (Japanese Journal of Clinical Oncology, Editorial Committee, c/o National Cancer Center, Tsukiji, Tokyo, Japan) V.1- 1971-
JJEMAG	Japanese Journal of Experimental Medicine. (Editorial Office, The Institute of Medical Science, University of Tokyo, Shirokanedai, Minatoku, Tokyo, Japan) V.7- 1928-
JJIND8	JNCI, Journal of the National Cancer Institute. (U.S. Government Printing Office, Superintedent of Documents, Washington, DC 20402) V.61- 1978-
JJMBAN	Japanese Journal of Microbiology. (Tokyo, Japan) V.1-20, 1957-76.

JJMCAQ	Japanese Journal of Medical Science and Biology. (National Institute of Health, 2-chome, Kamiosaki, Shinagawa-ku, Tokyo 141, Japan) V.5- 1952-
JJPAAZ	Japanese Journal of Pharmacology. (Nippon Yakuri Gakkai, c/o Kyoto Daigaku Igakubu Yakurigaku Kyoshitu Sakyo-ku, Kyoto 606, Japan) V.1- 1951-
JJPAD4	JPMA, the Journal of the Pakistan Medical Association. (Pakistan Medical Association, P.M.A. House, Garden Rd., Karachi 3, Pakistan) V.24- 1974-
JJPHAM	Japanese Journal of Physiology. (Business Center for Academic Societies Japan, 4-16, Yayoc 2-chome, Bunkyo-ku, Tokyo 113, Japan) V.1- 1950-
JKXXAF	Japanese Kokai. (Hatsumei-kyokai, 9-14 Toranomon 2-chome, Minato-Ku, Tokyo 105, Japan)
JLACBF	Justus Leibigs Analen der Chemie. (Verlag Chemie GmbH, Postfach 1260/1280, D-6940 Weinheim, Fed. Rep. Germany) V.33- 1840-
JLCMAK	Journal of Laboratory and Clinical Medicine. (C.V. Mosby Co., 11830 Westline Industrial Dr., St. Louis, MO 63141) V.1- 1915-
JMCMAR	Journal of Medicinal Chemistry. (American Chemical Society Pub., 1155 16th St., N.W., Washington, DC 20036) V.6- 1963-
JMEJAS	Jikeikai Medical Journal. (Pharmacological Institute, The Jikei University School of Medicine, Minato-Ku, Tokyo, Japan) V.1- 1954-
JMENA6	Journal of Medical Entomology. (Bishop Museum, Entomology Dept., POB 6037, Honolulu, Hawaii 96818) V.1- 1964-
JMFTAT	Journal of Milk and Food Technology. (Managing Editor, P.O. Box 437, Shelbyville, IN 46176) V.10- 1947-
JMICAR	Journal of Microscopy. (Blackwell Scientific Publications, Ltd., Osney Mead, Oxford OX2 OEL, England) V.89- 1969-
JMJOAY	Japanese Medical Journal. (Tokyo, Japan) V.1-4, 1948-51. For publisher information, see JJMCAQ
JMMIAV	Journal of Medical Microbiology. (Longman Group Journal Division, 4th Ave., Harlow Essex CM20 2JE, England) V.1- 1968-
JMOBAK	Journal of Molecular Biology. (Academic Press, 111 Fifth Ave., New York, NY 10003) V.1- 1959-
JMPCAS	Journal of Medicinal and Pharmaceutical Chemistry. (Washington, DC) V.1-5, 1959-62. For publisher information, see JMCMAR
JMSCA9	Journal of Mental Science. (London, England) V.4-108, 1857-1962. For publisher information, see BJPYAJ
JMSHAO	Journal of the Mount Sinai Hospital. (New York, NY) V.1-36, 1934-69. For publisher information, see MSJMAZ
JMSTBR	Journal de Medecine de Strasbourg. (Expansion Scientifique Francaise, 15 rue St. Benoit, Paris 6, France) V.1- 1970-
JMSUAT	Journal of the Madras Agricultural Students' Union. (Madras Agricultural Journal, Tamil Nadu Agricultural University Campus, Coimbatore 641003, India) V.1-16, 1912-28
JMTHBU	Journal of the Medical Association of Thailand. (Medical Assoc. of Thailand, New Pejburi Rd., Bangkok 10, Thailand) V.1- 1918-
JMXSAE	Journal of Maxillofacial Surgery. (Georg Thieme Verlag, Postfach 732, Herdweg 63, D-7000 Stuttgart 1, Fed. Rep. Germany)
JNAPAX	Journal of Applied Nutrition. (International College of Applied Nutrition, Box 386, La Habra, CA 90631) V.6- 1953-
JNCIAM	Journal of the National Cancer Institute. (Washington, DC) V.1-60, No.6, 1940-78. For publisher information, see JJIND8
JNCSAI	Journal of Cell Science. (P.O. Box 32, Commerce Way, Colchester CO2 8HP. Exxes. U.K.) V.1- 1966-
JNDRAK	Journal of New Drugs. (Albany, NY) V.1-6, 1961-66. For publisher information, see JCPCBR
JNEUAY	Journal of Neuropsychiatry. (Chicago, IL) V.1-5, 1959-64. For publisher information, see BENPBG
JNEUBZ	Journal of Neurobiology. (John Wiley & sons, Inc., 605 3rd Ave., New York, NY 10016) V.1- 1969-
JNMDAN	Journal of Nervous & Mental Disease. (Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202) V.3- 1876-
JNMDBO	Journal of Medicine. (PJD Publications, POB 966, Westbury, NY 11590) V.1- 1970-
JNNPAU	Journal of Neurology, Neurosurgery and Psychiatry. (British Medical Association, Tavistock Square, London WC1H 9JR, UK) V.7- 1944-
JNSCAG	Journal of the Neurological Sciences. (Elsevier Publishing Co., P.O. Box 211, Amsterdam C, Netherlands) No.1- 1964-
JNSVA5	Journal of Nutritional Science and Vitaminology. (Bus Center Acad. Soc., Japan) V.19- 1973-
JOALAS	Journal of Allergy, Including Allergy Abstracts. (St. Louis, MO) V.1-47, 1929-71. For publisher information, see JACIBY
JOANAY	Journal of Anatomy. (Cambridge University Press, The Pitt Building, Trumpington Street, Cambridge CB2 1RP, UK) V.51- 1916-
JOAND3	Journal of Andrology. (Lippincott/Harper, Journal Fulfillment Dept., 2350 Virginia Ave., Hagerstown, MD 21740) V.1- 1980-
JOBAAY	Journal of Bacteriology. (American Society for Microbiology, 1913 I St., N.W., Washington, DC 20006) V.1- 1916-
JOBIAO	Journal of Biochemistry, Tokyo. (Japanese Biochemical Society, Gakkai Senta Bldg., 2-4-16 Yayoi, Bunkyo-Ku, Tokyo 113, Japan or Japan Publication USA or Maruzen) V.1- 1922-
JOCDAE	Journal of Chronic Diseases. (Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523) V.1- 1955-
JOCEAH	Journal of Organic Chemistry. (American Chemical Society Pub., 1155 16th St., N.W., Washington, DC 20036) V.1- 1936-
JOCMA7	Journal of Occupational Medicine. (American Occupational Medical Association, 150 N. Wacker Dr., Chicago, IL 60606) V.1- 1959-
JOCRAM	Journal of Chromatography, International Journal of Chromatography, Electrophoresis & Related Methods. (Elsevier Publishing Co., P.O. Box 211, Amsterdam C, Netherlands) V.1- 1958-
JOENAK	Journal of Endocrinology. (Biochemical Society Publications, P.O. Box 32, Commerce Way, Whitehall Industrial Estate, Colchester CO2 8HP, Essex, England) V.1- 1939-
JOETD7	Journal of Ethnopharmacology. (Elsevier Sequoia SA, POB 1304, CH-1001, Lausanne, Switzerland) V.1- 1979-
JOGBAS	Journal of Obstetrics and Gynaecology of the British Commonwealth. (27 Sussex Pl., Regent's Park, London NW1 4RG, England) V.68- 1961-
JOGNAU	Journal of Genetics. (Asit Kr. Bhattacharyya, M. A., 18/1, Barrackpore Trunk Rd, Belghoria, India) V.1- 1910-

JOHEAB	Journal of Heredity. (American Genetic Association, 818 Eighteenth St., N.W. Washington, D.C. 20006) V.5- 1914-
JOHYAY	Journal of Hygiene. (Cambridge University Press, P.O. Box 92, Bentley House, 200 Euston Rd., London NW1 2DB, England) V.1- 1901-
JOIMA3	Journal of Immunology. (Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202) V.1- 1916-
JOIMD6	Journal of Immunopharmacology. (Marcel Dekker, POB 11305, Church St. Station, New York, NY 10249) V.1- 1978/79-
JOMAAL	Journal of Mammalogy. (The American Museum of Natural History, Central Park W at 79th St., New York, NY 10024) V.1- 1919-
JONRA9	Journal of Neurochemistry. (Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England) V.1- 1956-
JONUAI	Journal of Nutrition. (Journal of Nutrition, Subscription Dept., 9650 Rockville Pike, Bethesda, MD 20014) V.1- 1928-
JOPAA2	Journal of Parasitology. (American Society of Parasitologists, 1041 New Hamphsire St., Lawrence, KS 60044) V.1- 1914-
JOPDAB	Journal of Pediatrics. (C.V. Mosby Co., 11830 Westline Industrial Dr., St. Louis, MO 63141) V.1- 1932-
JOPHAN	Journal de Physiologie. (Masson et Cie, Editeurs, 120 Blvd. Saint- Germain, P-75280, Paris 06, France) V.39- 1946-
JOPHBO	Journal of Oral Pathology. (Munksgaard, 35 Norre Sogade, DK 1370 Copenhagen K, Denmark) V.1- 1972-
JOPHDQ	Journal of Pharmacobio-Dynamics. (Pharmaceutical Society of Japan, 12-15-501, Shibuya 2-chome, Shibuya-Ku, Tokyo 150, Japan) V.1- 1978-
JOPRAJ	Journal of Periodontology. (American Academy of Periodontology 211 E. Chicago Ave., Chicago, Illinois 60611) V.1- 1930-
JOPSAM	Journal of Psychology. (Journal Press, 2 Commercial St., Provincetown, MA 02657) V.1- 1935/36-
JORCAI	Journal of Organometallic Chemistry. (Elsevier Sequoia SA, POB 851, CH-1001 Lausanne I, Switzerland) V.1- 1963-
JOSUA9	Journal of Oral Surgery. (American Dental Association, 211 E. Chicago Ave., Chicago, IL 60611) V.1-16, 1943-58; V.23- 1965-
JOTPAX	Journal of Oral Therapeutics & Pharmacology. (Baltimore, MD) V.1-4, 1964-68. Discontinued.
JOURAA	Journal of Urology. (Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202) V.1- 1917-
JOVIAM	Journal of Virology. (American Society for Microbiology, 1913 I St., N.W., Washington, DC 20006) V.1- 1967-
JPBAA7	Journal of Pathology & Bacteriology. (London, England) V.1-96, 1892-1968. For publisher information, see JPTLAS
JPBEAJ	Journal de Pharmacie de Belgique. (Masson et Cie, Editeurs, 120 Blvd. Saint-Germain, P-75280, Paris 06, France) V.1- 1945/46-
JPCAAC	Journal of the Air Pollution Control Association. (The Association, 4400 5th Ave., Pittsburgh, PA 15213) V.5- 1955-
JPCEAO	Journal fuer Praktische Chemie. (Johann Ambrosius Barth Verlag, Postfach 109, Salomonst 18b, 701 Leipzig, E. Germany) V.1- 1954-
JPDSA3	Journal of Pediatric Surgery. (Grune and Stratton, Inc., 111 Fifth Ave., New York, NY 10003) V.1- 1966-
JPETAB	Journal of Pharmacology & Experimental Therapeutics. (Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202) V.1- 1909/10-
JPFCD2	Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants, and Agricultural Wastes. (Marcel Dekker, POB 11305, Church St. Station, New York, NY 10249) V.B11- 1976-
JPHAA3	Journal of the American Pharmaceutical Association. (American Pharmaceutical Assoc., 2215 Constitution Ave, N.W., Washington, DC 20037) V.1-28, 1912-39; V.1- 1961-
JPHYA7	Journal of Physiology. (Cambridge University Press, P.O. Box 92, Bentley House, 200 Euston Rd., London NW1 2DB, England) V.1- 1878-
JPMRAB	Japanese Journal of Medical Sciences, Part IV: Pharmacology. (Tokyo, Japan) V.1-16, 1926-43. For publisher information, see JJPAAZ
JPMSAE	Journal of Pharmaceutical Sciences. (American Pharmaceutical Assoc., 2215 Constitution Ave., N.W., Washington, DC 20037) V.50- 1961-
JPPGAR	Journal de Physiologie et de Pathologie Generale. (Paris, France) V.1-38, 1899-1945. For publisher information, see JOPHAN
JPPMAB	Journal of Pharmacy & Pharmacology. (Pharmaceutical Society of Great Britain, 1 Lambeth High Street, London SEI 5JN, England) V.1- 1949-
JPROAR	Journal of Protozoology. (Society of Protozoologists, P.O. Box 368, Lawrence, KS 66044) V.1- 1954-
JPRSB6	Journal of Periodontal Research, Supplement. (Munksgaard, 35 Noerre Soegade, DK-1370 Copenhagen K, Denmark) No. 1- 1967-
JPTLAS	Journal of Pathology. (Longman Group Ltd., Subscriptions (Journals Department, Fourth Avenue, Harlow, Essex, CM19 5AA, UK) V.97- 1969-
JPYRA3	Journal of Psychiatric Research. (Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England) V.1- 1961-
JRFSAR	Journal of Reproduction and Fertility, Supplement. (Journal of Reproduction and Fertility Ltd., 22 New Market Rd., Cambridge CB5 8D7, England) No. 1- 1966-
JRIMAO	Journal of Research in Indian Medicine. (Varanasi, India) V.1-10, 1966-75.
JRMSAS	Journal of the Royal Microscopical Society. (London, England) V.47-88, 1927-68. For publisher information, see JMICAR
JRPFA4	Journal of Reproduction and Fertility. (Journal of Reproduction and Fertility Ltd., 22 New Market Rd., Cambridge CB5 8D7, England) V.1- 1960-
JRPMAP	Journal of Reproductive Medicine. (Box 56, 5841 Maryland Ave., Chicago, IL 60637) V.3- 1969-
JRSMD9	Journal of the Royal Society of Medicine. (Academic Press Inc., Ltd., 24-28 Oval Road, London NW1 7DX, England) V.71- 1978-
JSALDP	Journal of Studies on Alcohol. (Journal of Studies on Alcohol, Rutgers University, New Brunswick, NJ 08903) V.36- 1975-
JSCCA5	Journal of the Society of Cosmetic Chemists. (Society of Cosmetic Chemists, 50 E. 41st St., New York, NY 10017) V.1- 1947-
JSDKD3	Josai Shika Daiguku Kiyo. Bulletin of the Josai Dental University. (Josai Shika Daigaku, 1-1, Keyakidai, Sakato, Saitama-Ken 350-02, Japan) Number 1- 1972-
JSFAAE	Journal of the Science of Food and Agriculture. (Society of Chemical Industry, 14 Belgrave Sq., London SW1X 8PS, England) V.1- 1950-

JSGRA2	Journal of Surgical Research. (Academic Press, 111 Fifth Ave., New York, NY 10003) V.1- 1961-
JSICAZ	Journal of Scientific & Industrial Research, Section C: Biological Sciences. (New Delhi, India) V.14-21, 1955-62. For publisher information, see IJEBA6
JSIRAC	Journal of Scientific and Industrial Research. (Hillside Rd., New Delhi 110012, India) V.1-4, 1942-45; V.22- 1963-
JSOMBS	Journal of the Society of Occupational Medicine. (John Wright & Sons, 42-44 Triangle W., Bristol BS8 1EX, England)
JSONAU	Journal of Surgical Oncology. (Alan R. Liss, Inc., 150 5th Ave., New York, NY 10011) V.1- 1969-
JSOOAX	Journal of the Chemical Society, Section C: Organic. (London, England) No.1-24, 1966-71. For publisher information, see JCPRB4
JSPMAW	Journal of Supramolecular Structure. (Alan. R. Liss, Inc., 150 Fifth Ave., New York, NY 10011) V.1- 1972-
JSTBBK	Journal of Steroid Biochemistry. (Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England) V.1- 1969-
JTASAG	Journal of the Tennessee Academy of Science. (Tennessee Academy of Science, Box 153, George Peabody College, Nashville, TN 37203) V.1- 1926-
JTBIDS	Journal of Thermal Biology. (Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England) V.1- 1975-
JTCSAQ	Journal of Thoracic & Cardiovascular Surgery. (C.V. Mosby Co., 11830 Westline Industrial Dr., St. Louis, MO 63141) V.38- 1959-
JTEHD6	Journal of Toxicology and Environmental Health. (Hemisphere Publ., 1025 Vermont Ave., N.W., Washington, DC 20005) V.1- 1975/76-
JTMHA9	Journal of Tropical Medicine and Hygiene. (Staples & Staples Ltd., 94-96 Wigmore St., London, England) V.10- 1907-
JTOTDO	Journal of Toxicology, Cutaneous and Ocular Toxicology. (Marcel Dekker, POB 11305, Church St. Station, New York, NY 10249) V.1- 1982-
JTSCDR	Journal of Toxicological Sciences. (Editorial Office, Higashi Nippon Gakuen Univ., 7F Fuji Bldg., Kita 3, Nishi 3, Sapporo 060, Japan) V.1- 1976-
JULRA7	Journal of Ultrastructure Research. (Academic Press, 111 Fifth Ave., New York, NY 10003) V.1- 1975-
JWMAA9	Journal of Wildlife Management. (Wildlife Society, Suite 611, 7101 Wisconsin Ave., Washington, DC 20014) V.1- 1937-
JZKEDZ	Jitchuken, Zenrinsho Kenkyuho. Central Institute for Experimental Animals, Preclinical Reports. (The Institute, 1433 Nogawa, Takatsu- Ku, Kawasaki 211, Japan) V.1- 1974/75-
KorCJ#	Personnal Communication to NIOSH, from C.J. Korpics, Sherwin-Williams Chemicals, 1310 Expressway Drive, Toledo, OH 43608, August 22, 1974
KAEMAW	Kitasato Archives of Experimental Medicine. (Kitasato Institute, 5-9-1 Shirokane, Minato-ku, Tokyo 108, Japan) V.1- 1917-
KAIZAN	Kaibogaku Zasshi. Journal of Anatomy. (Nihon Kaibo Gakkai, c/o Tokyo Daigaku Igakubu Kaibogaku Kyoshitsu, 7-3-1, Hongo, Bunkyo-ku, Tokyo, Japan) V.1- 1928-
KAKTAF	Kagaku to Kogyo (Tokyo). Chemistry and Chemical Industry. (Nippon Kagakkai, 1-5 Kanda-Surugadai, Chiyoda-ku, Tokyo 101, Japan) V.1- 1948-
KAMJDW	Kawasaki Medical Journal. (Kawasaki Medical School, Kurashiki 701-01, Japan) V.1- 1975-
KASEAA	Kagaku To Seibutsu. Chemistry and Biology. (Tokyo Daigaku Shuppan-kai, 7-3-1, Hongo, Bunkyo-ku, Tokyo, Japan) V.1- 1962-
KASHAJ	Kanko Shikiso. (Kanko Shikiso Kenkyukai, 1-2-3 Shimo-Shakujii, Okayama 700, Japan) V.1- 1949-
KBAMAJ	Kosmicheskaya Biologiya I Aviakosmicheskaya Meditsina Space Biology and Aerospace Medicine. (Mezhdunarodnaya Kniga, Kuznetskii Most 18, Moscow G-200, USSR) V.8- 1974-
KCRZAE	Kauchuk i Rezina. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, USSR) V.11- 1937-
KDIKAX	Kobe Daigaku Igakubu Kiyo. (Kobe Daigaku Igakkai, Kusumoki-cho, Ikuta-ku, Kobe 650, Japan) V.30- 1968-
KDYIA5	Kidney International. (Springer-Verlag New York, Inc., Service Center, 44 Hartz Way, Secaucus, NJ 07094) V.1- 1972-
KEKHB8	Kanagawa-ken Eisei Kenkyusho Kenkyu Hokoku. Bulletin of Kanagawa Prefectural Public Health Laboratories. (Kanagawa Prefectural Public Health Laboratories, 52-2, Nakao-cho, Asahi-ku, Yokohama 221, Japan) No.1- 1971-
KFIZAO	Kyoto-furitsu Ika Daigaku Zasshi. Journal of the Kyoto Prefectural School of Medicine. (Kyoto-furitsu Ika Daigaku Igakkai, Hirokoji, Kawaramachidori, Kamiyoku, Kyoto, Japan) V.1- 1927-
KFMBA6	Kaiser Foundation Medical Bulletin. (Oakland, CA) V.1-7, 1953-59. Discontinued.
KGGZAL	Koku Geka Gakkai Zasshi. Oral Surgery. (Tokyo, Japan)
KHFKDF	K'o Hsueh Fa Chan Yueh K'an. Progress in Sciences. (Kuo Chia K'o Hsueh Wei Yuan Hui, 2 Canton St., Taipei 107, Taiwan) V.1- 1973-
KHFZAN	Khimiko-Farmatsevticheskii Zhurnal. Chemical Pharmaceutical Journal. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1- 1967-
KHZDAN	Khigiena i Zdraveopazvane. (Hemus, blvd Russki 6, Sofia, Bulgaria) V.9- 1966-
KHZHAZ	Khimiya i Zhizn. Chemistry and Life. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1- 1965-
KIDZAK	Kansai Ika Daigaku Zasshi. Journal of the Kansai Medical School. (Kansai Ika Daigaku Igakkai, 1, Fumizono-cho, Moriguchi 570, Osaka, Japan) V.8- 1956-
KIZAAL	Kurume Igakkai Zasshi. Journal of the Kurume Medical Association. (Kurume Igakkai, c/o Kurume Daigaku Igakubu, 67, Asahi-machi, Kurume 830, Japan) V.9- 1946-
KIZSB8	Kyorin Igakukai Zasshi. Journal of the Kyorin Medical Society. (6-20-2 Shinkawa, Mitaka City, Tokyo, Japan) V.1- 1970-
KJMDA6	Kobe Journal of the Medical Sciences. (Kobe Daigaku Igakubu, Editorial Board, Kobe, Japan) V.1- 1951-
KJMEA9	Keio Journal of Medicine. (Keio University, School of Medicine, 35 Shinano-machi, Shinjuku-Ku, Tokyo 160, Japan) V.1- 1952-
KJMSAH	Kyushu Journal of Medical Science. (Fukuoka, Japan) V.6-15, 1955-64. Discontinued.
KLWOAZ	Klinische Wochenscrift. (Springer-Verlag, Heidelberger Pl. 3, D-1 Berlin 33, Germany) V.1- 1922-
KMAUAI	Klinsche Monatsrlaetter fuer Augenheilkunde. (Ferdinand Enke Verlag, Hasenbergsteige 3, 7000 Stuttgart 1 Germany) V.1- 1863-
KMBAAV	Kaiser Foundation Medical Bulletin, Abstract Issue. (Oakland, CA) No.1-5, 1960-65. Discontinued.

KNZOAU	Kanzo. Liver. (Nippon Kanzo Gakkai, c/o Toyo Bunko, 28-21, 2-chome, Hon Komagome, Bunkyo-ku, Tokyo 113, Japan) V.1- 1960-
KOBUA3	Kobunshi. High Polymers. (Kobunshi Gakkai, 5-12-8, Ginzai, Chuo-Ku, Tokyo 104, Japan) V.1- 1952-
KODAK*	Kodak Company Reports. (343 State St., Rochester, NY 14650)
KONODE	Kongetsu No Noyaku. Agricultural Chemicals Monthly. (Kagaku Kogyo Nipposha, 3-19-16 Shibaura, Minato-ku, Tokyo 108, Japan) V.1- 1953(?)-
KOTTAM	Kogai To Taisaku. Journal of Environmental Pollution Control. (Kogai Taisaku Gijutsu Dokokai, Shuwa-Akasaka Bldg., 9-1-244, Akasaka, Minato-ku, Tokyo, Japan) V.1- 1965-
KRANAW	Krankheitsforschung. (Leipzig, E. Germany) V.1-9, 1925-32. Discontinued.
KREBAG	Krebsarzt. Zeitschrift fuer Erforschung und Bekaempfung der Krebskrankheit. (Vienna, Austria) V.1-24, 1946-69. For publisher information, see OZEBAE
KRKRDT	Kriobiologiya i Kriomeditsina. (Izdatel'stvo Naukova Dumka, ul Repina 3, Kiev, USSR) No.1- 1975-
KRMJAC	Kurume Medical Journal. (Kurume Igakkai, c/o Kurume Daigaku Igakubu, 67, Asahi-machi, Kurume, Japan) V.1- 1954-
KSGZA3	Kyushu Shika Gakkai Zasshi. Journal of the Kyushu Dental Society. (c/o Kyushu Shika Daigaku, 2-6-1 Manazuru, Kokurakita-ku, Kitakyushu, Japan) V.1- 1933-35; 1939-40; 1951-
KSKZAN	Khimiya v Sel'skom Khozyaistve. Chemistry in Agriculture. (V/O 'Mezhdunarodnaya Kniga', Kuznetskii Most 18, Moscow G-200, U.S.S.R.) No.1- 1963-
KSRNAM	Kiso to Rinsho. Clinical Report. (Iji Tsushinsha, Tokyo, Japan) V.1- 1960- SHINKEI KENKYUKAI) V.1- 1960-
KUIZAR	Kumamoto Igakkai Zasshi. Journal of the Kumamoto Medical Society. (Kumamoto Igakkai, C/o Kumamoto Daigaku Igakubu, 2-1, 2-chome Honjo-machi, Kumamoto, Japan) V.1- 1925-
KUMJAX	Kumamoto Medical Journal. (Kumamoto Daigaku Igakubu, Library, Kumamoto, Japan) V.1- 1938-
KYDKAJ	Kyoritsu Yakka Daigaku Kenkyu Nempo. Annual Report of the Kyoritsu College of Pharmacy. (Kyoritsu Yakka Daigaku, 1-5-30 Shibakoen Minato-ku, Tokyo, Japan) V.1- 1955-
LacHB#	Personal Communication from Mr. H.B. Lackey, Chemical Products Div., Crown Zellerbach, Camas, Washington 98607, to Dr. H.E. Christensen, NIOSH, Rockville, MD 20852, June 9, 1978
LilPW#	Personal Communication from P.W. Lilley, Sun Company, Inc., P.O. Box 1135, Marcus Hook, PA 19061, to Richard Lewis, NIOSH, November 1, 1983
LAACAR	Laboratory Animal Care. (Joliet, IL) V.?-20, ?-1970. For publisher information, see LBASAE
LACHDL	Liebigs Annalen der Chemie. (Verlag Chemie International, Inc. 175 Fifth Ave., New York, NY 10010) No. 1- 1979-
LAINAW	Laboratory Investigation. (Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202) V.1- 1952-
LAKAA3	Laekartidningen. Medical News. (Swedish Medical Assoc., POB 5610, 11486 Stockholm 5, Sweden) V.62- 1965-
LANCAO	Lancet. (7 Adam St., London WC2N 6AD, England) V.1- 1823-
LAPPA5	Lavori dell'Istituto di Anatomia e Istologia Patologica della Universita Degli Studi Perugia. (Istituto di Anatomia e Isologia Patologica, Caselle Postale 327, 06100 Perugia, Italy) V.1- 1939-
LARYA8	Laryngoscope. (222 Pine Lake Rd., Collinsville, IL 62234) V.1- 1896-
LBANAX	Laboratory Animals. (Biochemical Society Book Depot, POB 32, Commerce Way, Colchester Essex CO2 8HP, England) V.1- 1967-
LBASAE	Laboratory Animal Science. (American Association for Laboratory Animal Science, 210 N. Hammes Ave., Suite 205, Joliet, IL 60435) V.21- 1971-
LBWTAP	Lebensmittel-Wissenschaft & Technologie. (Forster- Verlag, Postfach 295, CH-8033 Zurich, Switzerland) V.1- 1968-
LDBU**	Langer Dissertation. (Breslow, 1932)
LEREDD	Leukemia Research. (Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 OEW, England) V.1- 1977-
LGMDAU	Liege Medical. merged with Scalpel. (11, rue Edith Cavell, Brussels 18, Belgium) 1907-1919.
LIFSAK	Life Sciences. (Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523) V.1-8, 1962-69; V.14- 1974-
LLOYA2	Lloydia. (Lloyd Library & Museum, 917 Plum St., Cincinnati, OH 45202) V.1- 1938-
LONZA#	Personal Communication from LONZA Ltd., CH-4002, Basel, Switzerland, to NIOSH, Cincinnati, OH 45226
LPDSAP	Lipids. (American Oil Chemists' Society, 508 South Sixth St., Champaign, IL 61820) V.1- 1966-
LPPTAK	Labo-Pharma-Problemes et Techniques (19, rue Louis-le-Grand, Paris, France) V.12- 1965-
LROTDW	Laryngo-Rhinologie und Otolaryngologie. (Georg Thieme Verlag, Postfach 732, Herdweg 63, 7000 Stuttgart, Germany) V.54- 1975-
LSBGAY	Life Sciences, Part 2: Biochemistry, General & Molecular Biology. (New York, NY) V.9-13, 1970-73. For publisher information, see LIFSAK
LSPPAT	Life Sciences, Part 1: Physiology & Pharmacology. (New York, NY) V.9-13, 1970-73. For publisher information, see LIFSAK
LYPHAD	Lyon Pharmaceutique. (Edition Paul Chatelain, 63 rue de la Republique, 69 Lyons 2, France) V.1- 1950-
LZAVAL	Latvijas P.S.R. Zinatnu Akademijas Vestis. Proceedings of the Academy of Sciences of the Latvian S.S.R. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) No.1- 1947-
MahWM#	Personal Communication to the RTECS editor from William M. Mahlburg, Hopkins Agricultural Chemical Co., Madison WI 53707
MarJV#	Personal Communication from Josef V. Marhold, VUOS, 539-18, Pardubice, Czechoslavakia, to the Editor of RTECS, Cincinnati, OH, March 29, 1977
MccSB#	Personal Communication from Susan B. McCollister, Dow Chemical U.S.A., Midland, MI 48640, to NIOSH, Cincinnati, OH 45226, June 15, 1984
MosJN#	Personal Communication from J. N. Moss, Toxicology Department, Rohm and Haas Co., Spring House, PA 19477 to R. J. Lewis, Sr., NIOSH, Cincinnati, OH 45226, August 15, 1979
MACPAJ	Mayo Clinic Proceedings. (Mayo Foundation, Plummer Bldg., Mayo Clinic, Rochester, MN 55901) V.39- 1964-
MAEPBU	Methods and Achievements in Experimental Pathology. (Yearbook Medical Publishers, 35 E. Wacker Dr., Chicago, IL 60601) V.1- 1966-
MAGDA3	Mechanisms of Aging and Development (Elsevier Seguoia SA, POB 851, Ch 1001, Lausanne 1, Switzerland) V.1- 1972-
MAGJAL	Malaysian Agricultural Journal. (Ministry of Agriculture and Fisheries, Business Mgr., Kuala Lumpur, Malaysia) V.45- 1965-

BEST COPY

MAIZAB	Manshu Igaku Zasshi. Manthuria Medical Journal. (Dairen/Shimmeicho, South Manchuria) V.1-33, 1923-40. Discontinued.
MAMDAX	Marseille Medical. (Marseille, France) V.6-112, 1869-1975. For publisher information, see MDTMBF
MAMEA2	Maroc Medical. (Casablanca, Morocco) V.1-55, 1921-75. Discontinued.
MASODV	Masui to Sosei. Anesthesia and Resuscitation. (Hiroshima Masui Igakkai Hiroshima Daigaku Igakubu Masuigaku Kyoshitsu, 1-2-3 Kasumi, Hiroshima 734, Hiroshima, Japan) V.6- 1970-
MBLED7	Marine Biology Letter. (Elsevier Biomedical Press, 52 Vanderbilt Ave., New York, NY 10017) V.1- 1980-
MCBIA7	Microbios. (Faculty Press, 88 Regent St., Cambridge, England) V.1- 1969-
MCEBD4	Molecular and Cellular Biology. (American Society for Microbiology, 1913 I St., NW, Washington, DC 20006) V.1- 1981-
MDACAP	Medicamentos de Actualidad. (Medicamentos de Actualidad, Apartado de Correos 540, Barcelona, Spain) V.1- 1965-
MDBYAS	Medical Biology (Editorial Office, Runeberginkatu 47A, SF-00260 Helsinki 26, Finland) V.52- 1974-
MDCHAG	Medicinal Chemistry: ASeries of Monographs. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1963-
MDMIAZ	Medycyna Doswiadczalna i Mikrobiologia. (Ars Polona-RUCH, POB 1001, 1, P-00068 Warsaw, 1, Poland) V.1- 1949- For English Translation, see EXMMAV
MDNKAC	Miyazaki Daigaku Nogakubu, Kenkyu Hokoku. Bulletin of the Faculty of Agriculture, University of Miyazaki. (Miyazaki Daigaku Nogakubu, 100, Funazuka-cho, Miyazaki 880, Japan) V.1- 1955-
MDREP*	U. S. Army, Chemical Corps Medical Division Reports. (Army Chemical Center, MD)
MDSR**	U. S. Army, Chemical Corps Medical Division Special Report. (Army Chemical Center, MD)
MDTMBF	Mediterranee Medicale. (Sud-Regie, 58 Ave de la Marne, 92600 Asnieres, France) V.1- 1973-
MDWTAG	Medycyna Weterynaryjna. Veterinary Medicine. (Ars Polona-RUCH, POB 1001, P-00068 Warsaw, Poland) V.1- 1945-
MDZEAK	Medizin und Ernaehrung. (Stuttgart, Germany) V.1-13, 1959-72. Discontinued.
MECHAN	Medicinal Chemistry, A Series of Reviews. (New York, NY) V.1-6, 1951-63. Discontinued.
MEDIAV	Medicine. (Williams & Wilkins, 428 E. Preston St., Baltimore, MD 21202) V.1- 1922-
MEHYDY	Medical Hypotheses. (Churchill Livingstone Inc., 19 W. 44 St., New York, NY 10036) V.1- 1975-
MEIEDD	Merck Index. Tenth Ed. 1983. (Merck & Co., Inc., Rahway, NJ 07065)
MEKLA7	Medizinische Klinik. (Urban & Schwarzenberg, Pettenkoferst 18, D-8000 Munich 15, Germany) V.1- 1904-
MELAAD	Medicina del Lavoro. Industrial Medicine. (Via S. Barnaba, 8 Milan, Italy) V.16- 1925-
MEMOAQ	Medizinische Monatsschrift. (Wissenschaftliche Verlagsgesellschaft mbH, Postfach 40, 7000 Stuttgart 1, Germany) V.1- 1947-
MEPAAX	Medycyna Pracy. Industrial Medicine. (ARs-Polona-RUSH, POB 1001, 00-068 Warsaw 1, Poland) V.1- 1950-
MEPHDN	Medical Pharmacy. (Daiichi Seiyaku K.K., 3-14-10 Nihonbashi, Chuo-ku, Tokyo 103, Japan) V.1- 1966-
MERAA9	Meditsinskaya Radiologiya. (Akademiya Meditsinskikh Nauk SSSR, ul Solyanka 14, 109801 Moscow, USSR) V.1- 1956-
METAAJ	Metabolism, Clinical and Experimental. (Grune & Stratton, Inc., 111 Fifth Ave., New York, NY 10003) V.1- 1952-
METRA2	Medecine Tropicale (Marseille). (Parc du Pharo, 13007 Marseille, France) V.1- 1941-
MEXPAG	Medicina Experimentalis. (Basel, Switzerland) V.1-11, 1959-64; V.18-19, 1968-69. For publisher information, see JNMDBO
MFEPDX	Methods and Findings in Experimental and Clinical Pharmacology. (Methods and Findings, Sub. Dept., Apartado Correos 1179, Barcelona, Spain) V.1- 1979-
MFLRA3	Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent. Communications of the Faculty of Agricultural Sciences, State University of Ghent. (Bibliotheek, Faculteit Labdbouwwettenschappen, Rijksuniversiteit Gent, Coupure 533, B-9000, Ghent, Belgium) V.35- 1970-
MGBOAJ	Magyar Tudomanyos Akademia Biologiai es Orvosi Tudomanyok Osztalyanak Kozlemenyei. Publications of the Biological and Medical Science Department of the Hungarian Academy of Science. (Budapest, Hungary) V.5-14, 1954-63. For publisher information, see ORVOBF
MGBUA3	Microbial Genetics Bulletin. (Ohio State University, College of Biological Science, Dept. of Microbiology, 484 W. 12th Ave., Columbus, Ohio 43210) Number 1- 1950-
MGGEAE	Molecular & General Genetics. (Springer-Verlag, Heidelberger Pl. 3, D-1 Berlin 33, Germany) V.99- 1967-
MGLHAE	Mitteilungen Aus Dem Gebiete Der Lebensmitteluntersuchung und Hygiene. (Eidgenoessiche Drucksachen und Materialzentrale, 3000 Bern, Switzerland) V.1- 1910-
MGONAD	Magyar Onkologia. Hungarian Onkology. (Kultura, P.O. Box 149, H-1389 Budapest, Hungary) V.1- 1957-
MIANAP	Minerva Anestesiologica. (Edizioni Minerva Medica, Casella Postale 491, I-10126 Turin, Italy) V.19- 1953-
MIBLAO	Microbiology (Moscow). (Plenum Publishing Corp., 233 Spring St., New York, NY 10013) V.26- 1957-
MIBUBI	Mikrobiyoloji Bulteni. (Dr. Ismail Gurer, Gulhane Askeri Tip Akademisi Intaniye Klinigi Profesoru, Etlik, Ankara, Turkey) V.1- 1967-
MIDAD4	NIDA Research Monograph. (National Institute on Drug Abuse, Division of Research, 5600 Fishers Lane, Rockville, MD 20857) No.1- 1975-
MIGIA6	Minerva Ginecologia. (Edizioni Minerva Medica, Casella Postale 491, I-10100 Turin, Italy) V.1- 1949-
MIIGAA	Mie Igaku. Mie Medica Science. (Mie Igakkai, Mie-kenritsu Daigaku Igakubu, 11, Otani-machi, Tsu, Mie, Japan) V.1- 1957-
MIIMDV	Microbiology and Immunology. (Center for Academic Publications Japan, 4-16, Yayoi 2-chome, Bunkyo-ku, Tokyo 113, Japan) V.21- 1977-
MIKBA5	Mikrobiologiya. (V/O 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, USSR) V.1- 1932-
MIKSAM	Mikroskopie. (Verlag Georg Fromme und Co., Spengergasse 39, A 1051 Vienna 5, Austria) V.1- 1946-
MILEDM	Microbios Letters. (Faculty Press, 88 Regent St., Cambridge, England) V.1- 1976-
MIMDAL	Minnesota Medicine. (375 Jackson St., St. Paul, MN 55101) V.1- 1918-
MIMEAO	Minerva Medica. (Edizioni Minerva Medica, Casella Postale 491, Turin, Italy) V.1- 1909-

MIPEAS	Minerva Pediatrica. (Edizioni Minerva Medica, Cassella Postale 491, I-10126 Turin, Italy) V.1- 1949-
MIVRA6	Microvascular Research. (Academic Press, 111 Fifth Ave., New York, NY 10003) V.1- 1968-
MJAUAJ	Medical Journal of Australia. (P.O. Box 116, Glebe 2037, NSW 2037, Australia) V.1- 1914-
MJOUAL	Medical Journal of Osaka University. (The University, 33, Joan-cho, Kita-Ku, Osaka, Japan) V.1- 1949-
MLBRBU	Molecular Biology Reports. (Dr. W. Junk bv Publishers, POB 13713, 2501 ES The Hague, Netherlands) V.1- 1973-
MLDCAS	Medecine Legale et Dommage Corporel. (Paris, France) V.1-7, 1968-74.. Discontinued.
MLSR**	U. S. Army, Chemical Corps Medical Laboratories Special Reports. (Army Chemical Center, MD)
MMAPAP	Mycopathologia et Mycologia Applicata. (The Hague, Netherlands) V.5-54, No.4, 1950-74, For publisher information, see MYCPAH
MMDPA6	Materia Medica Polona (English Edition). (Ars Polona-RUCH, P.O. Box 1001, P-00 068 Warsaw, 1, Poland) V.1- 1969-
MMEDA9	Military Medicine. (Association of Military Surgeons of the United States, Box 104, Kensington, MD 20795) V.116- 1955-
MMIYAO	Medical Microbiology & Immunology. (Springer-Verlag, Heidelberger, Pl. 3, D-1 Berlin 33, Germany) V.157- 1971-
MMJJAI	Mie Medical Journal. (Mie Medical Society, Mie Prefectual Univ., School of Medicine, Tsu, Japan) V.3- 1952-
MMWOAU	Muenchener Medizinische Wochenscrift. (Verlagsgesellschaft Otto Spatz oHG, Postfach 210140, 8 Munich 21, Germany) V.33- 1886-
MOLAAF	Monatsschrift fuer Ohrenheilkunde und Laryngo-rhinologie. (Vienna, Austria) V.1-108, 1867-1974. For publisher information, see LROTDW
MOLBBJ	Molecular Biology. English of Molekuliarnaia Biologiia. (Plenum Publishing Corp., 233 Spring St., New York, NY 10013) V.1- 1967-
MONS**	Monsanto Co. Toxicity Information. (Monsanto Industrial Chemicals Co., Bancroft Bldg., Suite 204, 3411 Silverside Rd., Wilmington, DE 19810)
MOPMA3	Molecular Pharmacology. (The American Society for Pharmacology and Experimental Therapeutics, 9650 Rockville Pike, Bethesda, MD 20014) V.1- 1965-
MPHEAE	Medicina et Pharmacologia Experimentalis. (Basel, Switzerland) V.12-17, 1965-67. For publisher information, see PHMGBN
MPPBAB	Meditsinskaya Parazitologiya i Parazitarnye Bolezni. Medical Parasitology and Parasitic Diseases. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1- 1932-
MRCDAY	Medical Record. (New York, NY) V.1-101, 1866-1922. For publisher information, see CLMEA3
MRCSAB	Medical Research Council, Special Report Series. (Her Majesty's Stationery Office, P.O. Box 569, London SE1 9NH, England) SRS1- 1915-
MRLAB3	Mededelingen Rijksfaculteit Landbouwwetenschappen, Gent. Communications of the State University of Agricultural Sciences, Ghent. (Ghent, Belgium) V.31-34, 1966-69. For publisher information, see MFLRA3
MRLEDH	Mutation Research Letters. (Elsevier/North-Holland Biomedical Press, POB 211, 1000 AE Amsterdam, Netherlands)
MRLR**	U. S. Army, Chemical Corps Medical Laboratories Research Reports. (Army Chemical Center, Edgewood Arsenal, MD)
MSERDS	Microbiology Series. (Marcel Dekker, Inc., POB 11305, Church St. Station, New York, NY 10249) V.1- 1973-
MSJMAZ	Mount Sinai Journal of Medicine, New York. (The Annenberg Building, Room 10-35, 5th Ave. and 100th St., New York, NY 10029) V.37- 1970-
MSKNA9	Meiji Seika Kenkyu Nempo. (Meiji Seika K.K., Morooka-cho, Kohoku-ku, Yokohama 222, Japan) No.1- 1959-
MTENBL	Modern Trends in Endocrinology. (London, England) V.1-4, 1958-72. Discontinued.
MTHEA8	Monographs on Therapy. (The Squibb Institute for Medical Research, New Brunswick, NJ)
MUREAV	Mutation Research. (Elsevier/North Holland Biomedical Press, P.O. Box 211, 1000 AE Amsterdam, Netherlands) V.1- 1964-
MVCRB3	'Fluorescent Whitening Agents, Proceedings of A Symposium.' MVC-Report, Miljoevardscentrum, Stockholm Center for Environmental Sciences, No. 2, 1973
MVMZA8	Monatshefte fuer Veterinaermedizin. (VEB Gustav Fischer Verlag, Postfach 176, Villengang 2, 69 Jena, E. Germany) V.1- 1946-
MYCPAH	Mycopathologia. (Dr. W. Junk bv Publishers, POB 13713, 2501 ES The Hague, Netherlands) V.1- 1938-
MZHUDX	Mikrobiologicheskii Zhurnal (Kiev). Journal of Microbiology. (V/O 'Mezhdunarodnaya Kniga', Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.40- 1978-
MZUZA8	Meditsinskii Zhurnal Uzbekistana (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) No.1- 1957-
NAGZAC	Nagasaki Igakkai Zasshi. Journal of Nagasaki Medical Association. (Nagasaki Igakkai, c/o Nagasaki Daigaku Igakubu, 12-4 Sakamoto-machi, Nagasaki 852, Japan) V.1- 1923-
NAHRAR	Nahrung. Chemie, Biochemie, Mikrobiologie, Technologie, Ernaehrung. (Akademie-Verlag GmBH, Leipziger St. 3-4, 108 Berlin, E. Germany) V.1- 1957-
NAIZAM	Nara Igaku Zasshi. Journal of the Nara Medical Association. (Nara Kenritsu Ika Daigaku, Kashihara, Nara, Japan) V.1- 1950-
NAREA4	Nutrition Abstracts and Reviews. (Central Sales Branch, Commonwealth Agricultrual Bureaux, Farnham Royal, Slough SL2 3BN, England) V.1- 1931-
NARHAD	Nucleic Acids Research. (Information Retrieval Inc., 1911 Jefferson Davis Highway, Arlington, VA 22202) V.1- 1974-
NASDA6	Nagoya Shiritsu Daigaku Igakkai Zasshi. Journal of the Nagoya City University Medical Association. (The University, Nagoya, Japan) V.1- 1950-
NASLDX	National Academy Science Letters (India). (National Academy of Sciences, India, 5-Lajpat Rai Rd., Allahabad 211002, India) V.1- 1978-
NASSDK	NATO Advanced Study Institute Series, Series A: Life Sciences. (Plenum Publishing Corp., 227 W. 17th St., New York, NY 10011) V.1- 1975-
NATUAS	Nature. (Macmillan Journals Ltd., Brunel Rd., Basingstoke RG21 2XS, UK) V.1- 1869-
NATWAY	Naturwissenschaften. (Springer-Verlag, Heidelberger Platz 3, D-1000 Berlin 33, Federal Republic of Germany) V.1- 1913-
NCIAL*	Progress Report Submitted to the National Cancer Institute by Arthur D. Little, Inc. (15 Acorn Park, Cambridge, MA 02140)

BEST COP

NCIBR*	Progress Report for Contract No. NIH-NCI-E-68-1311, Submitted to the National Cancer Institute by Bio-Research Consultants, Inc. (9 Commercial Ave., Cambridge, MA 02141)
NCICP*	Progress Report Submitted to the National Cancer Institute by Charles Pfizer & Company.
NCIHL*	Progress Report Submitted to the National Cancer Institute by Hazelton Laboratories, Inc.
NCIIR*	Progress Report for Contract No. N01-CP-12338, Submitted to the National Cancer Institute by IIT Research Institute. (Chicago, IL)
NCILB*	Progress Report for Contract No. NIH-NCI-E-C-72-3252, Submitted to the National Cancer Institute by Litton Bionetics, Inc. (Bethesda, MD)
NCIMAV	National Cancer Institute, Monograph. (U. S. Government Printing Office, Supt. of Doc., Washington, DC 20402) No.1- 1959-
NCIMR*	Progress Report Submitted to the National Cancer Institute by Mason Research Institute. (Worcester, MA)
NCINS*	National Cancer Institute Report. (Bethesda, MD 20014)
NCIRI*	Progress Report Submitted to the National Cancer Insitute by Piason Research Institute.
NCISA*	Progress Report for Contract No. PH-43-63-1132, Submitted to the National Cancer Institute by Scientific Associates, Inc. (6200 S. Lindberg Blvd., St. Louis, MO 63123)
NCISS*	Progress Report Submitted to the National Cancer Institute by South Shore Analytical and Research Laboratory.
NCITR*	National Cancer Institute Carcinogenesis Technical Report Series. (Bethesda, MD 20014) For publisher information, see NTPTR*
NCIUS*	Progress Report for Contract NO. PH-43-64-886, Submitted to the National Cancer Institute by the Institute of Chemical Biology, University of San Francisco. (San Francisco, CA 94117)
NCNSA6	National Academy of Sciences, National Research Council, Chemical- Biological Coordination Center, Review. (Washington, DC)
NCPBBY	National Clearinghouse for Poison Control Centers, Bulletin. U.S. Department of Health, Education, and Welfare (Washington, DC)
NDKIA2	Nagoya Daigaku Kankyo Igaku Kenkyusho Nempo. Annual Report of the Research Institute of Environmental Medicine, Nagoya University. (The University, Furo-cho, Chikusa-ku, Nagoya, Japan) V.1- 1947/48
NDRC**	National Defense Research Committee, Office of Scientific Research and Development, Progress Report.
NEACA9	News Edition, American Chemical Society, (Easton, PA) V.18-19, 1940-41. For publisher information, see CENEAR
NEJMAG	New England Journal of Medicine. (Massachusetts Medical Society, 10 Shattuck St., Boston, MA 02115) V.198- 1928-
NEMAAT	Nematologica. (E.J. Brill, Publishers, Oude Rijn 33-35 Leiden, Netherlands) V.1- 1956-
NEOLA4	Neoplasma. (Karger-Libri AG, Scientific Booksellers, Arnold-Boecklin-Strasse 25, CH-4000 Basel 11, Switzerland) V.4- 1957-
NEPHBW	Neuropharmacology. (Pergamon Press, Headington Hill Hall, Oxford OX3 OBW, England) V.9- 1970-
NEPSBV	Neuropsychopharmacology, Proceedings of the Meeting of the Collogium Internationale, Neuropsychopharmacologicum. (Excerpta Medica Foundation, P.O. Box 1126, Amsterdam, Netherlands) V.1- 1959-
NEREDZ	Neurochemical Research. (Plenum Publishing Corp., 233 Spring St., New York, NY 10013) V.1- 1976-
NETOD7	Neurobehavioral Toxicology. (ANKHO International, Inc., P.O. Box 426, Fayetteville, NY 13066) V.1-2, 1979-80, For publisher information, See NTOTDY
NEURAI	Neurology. (Modern Medicine Publications, Inc., 757 Third Avenue, New York, NY 10017) V.1- 1951-
NEZAAQ	Nippon Eiseigaku Zasshi. Japanese Journal of Hygiene. (Nippon Eisei Gakkai, c/o Kyoto Daigaku Igakubu Koshu Eisergaku Kyoshits, Yoshida Konoe-cho, Sakyo-ku, Kyoto, Japan) V.1- 1946-
NEZTAF	New Zealand Veterinary Journal. (New Zealand Veterinary Assoc., Massey Univ., Palmerston North, N.Z.) V.1- 1952-
NFGZAD	Nippon Funin Gakkai Zasshi. Japanese Journal of Fertility and Sterility. (Nippon Funin Gakkai, 1-1 Sadohara-cho, Ichigaya, Shinjuku-ku, Toyko 162, Japan) V.1- 1956-
NGCJAK	Nippon Gan Chiryo Gakkai-shi. Journal of Japan Society for Cancer Therapy. (Nihon Gan Chiryo Gakkai, Kyoto, Japan) V.1- 1966-
NGZAA6	Nippon Ganka Gakkai Zasshi. (Nippon Ganka Gakkai, 2-4-11-402 Sarugaku-cho, Chiyoda-ku, Tokyo 101, Japan) V.1- 1897-
NHOZAX	Nippon Hoigaku Zasshi. Japanese Journal of Legal Medicine. (Nippon Hoi Gakkai, c/o Tokyo Daigaku Igakubu Hoigaku Kyoshitsu, 7-3-1, Hongo, Bunkyo-ku, Tokyo, Japan) V.1- 1944-
NHTIA7	Nordisk Hygienisk Tidskrift. Scandinavian Journal of Hygiene. (Prof. Gideon Gehardsson, Sekreterare i Foereningen foer Omgivningshygiene, Svenska Arbetsgivarefoereningen, Box 16120, 10323 Stockholm 16, Sweden) V.1- 1920-
NIBKAW	Nippon Byori Gakkai Kaishi, Journal of the Japanese Pathological Society. (c/o Tokyo Daigaku Igakubu Byorigaku Kyoshitsu, 7-3-1 Hongo, Bunkyo-ku, Tokyo 113, Japan) V.1- 1911-
NICHAS	Nichidai Igaku Zasshi. (Nihon Daigaku Igakkai, 30, Oyaguchi kami-machi, Itabashi-ku, Tokyo 173, Japan) V.1- 1937-
NICKA3	Nippon Chikusan Gakkai Ho. Journal of the Japanese Society of Zootechnical Science. (Nippon Chikusan Gakkai, 201 Nagatani Koporasu, 2-9-4 Ikenohata, Taito-ku, Tokyo 110, Japan) V.1- 1924-
NIGZAY	Niigata Igakkai Zasshi. Niigata Medical Journal. (Niigata Daigaku, 1 Asahi-Machi, Niigata, Japan) V.60- 1946-
NIHBAZ	National Institutes of Health, Bulletin. (Bethesda, MD)
NIIHAO	Nichidoku Iho. Japanese-German Medical Reports. (Nihon Schering Co., Ltd., 6-64, Nishimiyahara, 2-chome, Yodogawa-ku, Osaka 532, Japan) V.1- 1956-
NIIRDN	'Drugs in Japan. Ethical Drugs, 6th Edition 1982, ' Edited by Japan Pharmaceutical Information Center. (Yakugyo Jiho Co., Ltd., Tokyo, Japan)
NIOSH*	National Institute for Occupational Safety and Health, U. S. Dept. of Health, Education, and Welfare, Reports and Memoranda.
NIPAA4	Nippon Shikakibyo Gakkai Zasshi. (Nippon Shokakibyo Gakkai, 4-12 7-chome, Ginza, Chuo-Ku, Tokyo 104, Japan) V.1- 1899-
NIPDAD	Nihon Daigaku No-Juigakubu Gakujutsu Kenkyu Hokoku. Research Reports of the College of Agriculture and Veterinary Medicine, Nihon Univ. (The Univ., 34-1 Shimouma, 3-chome, Setagaya-ku, Tokyo 154, Japan) No.1- 1953-

NIPOAC	Nippon Shonika Gakkai Zasshi. (Nippon Shonika Gakkai, 1-29-8 Shinjuku, Shinjuku-Ku, Tokyo 160, Japan) V.55- 1951-
NISFAY	Nippon Sanka Fujinka Gakkai Zasshi. Journal of Japanese Obstetrics and Gynecology. (Nippon Sanka Fujinka Gakkai, c/o Hoken Kaikan Building., 1-1 Sadohara-cho, Ichigaya, Shinjuku-ku, Tokyo 162, Japan) V.1- 1949-
NISIA9	Nippon Shika Ishikai Zasshi. Journal of the Japan Dental Association. (1-20 Kudan.-kita, 4-Chome, Chiyoda-ku, Tokyo, Japan) V.1- 1948-
NISZAQ	Nippon Sanshigaku Zasshi. (Nippon Sanshi Gakkai, c/o Sanshi Shikenjo, 3-55-30 Wada, Suginami-ku, Tokyo 166, Japan) V.1- 1930-
NIVAAY	Notiziario dell'Istituto Vaccinogeno Antitubercolare. Bulletin of the Institute for Antitubercular Vaccinogens. (l'Instituto, Via Clericetti, 45 Milan, Italy) V.1- 1951-
NJMSAG	Nagoya Journal of Medical Science. (Nagoya University School of Medicine, 65 Tsuruma-cho, Showa-ku, Nagoya 466, Japan) V.2- 1927-
NKEZA4	Nippon Koshu Eisei Zasshi. Japanese Journal of Public Health. (Nippon Koshu Eisei Gakkai, 1-29-8 Shinjuku, Shinjuku-ku, Tokyo 160, Japan) V.1- 1954-
NKGZAE	Nippon Ketsueki Gakkai Zasshi. Journal of Japan Haematological Society. (Kyoto Univ. Hospital, Faculty of Medicine, Kyoto, Japan) V.1- 1940-
NKOGAV	Nippon Kokuka Gakkai Zasshi. Journal of the Japanese Stomatological Society. (7-3-1, Hongo, Bunkyo-Ku, Tokyo, Japan) V.1- 1952-
NKRZAZ	Nippon Kagaku Ryoho Gakkai Zasshi. Chemotherapy. (Nippon Kagaku Ryoho Gakkai, 2-20-8 Kamiosaki, Shinagawa-Ku, Tokyo, Japan) V.1- 1953-
NMJOAA	Nagoya Medical Journal. (Nagoya City University Medical School, 2-38 Nagarekawa-machi, Naka-ku, Nagoya 460, Japan) V.1- 1953-
NNAPBA	Naunyn-Schmiedebergs Archiv fuer Pharmakologie. (Berlin, Germany) V.264-271, 1969-71. For publisher information, see NSAPCC
NNBYA7	Nature: New Biology. (Macmillan Journals Ltd., Houndmills Estate, Basingstoke, Hants RG21 2XS, England) V.229-246, 1971-73.
NNGADV	Nippon Noyaku Gakkaishi. (Pesticide Science Society of Japan, 43-11, 1-chome, Komagome, Toshima-ku, Tokyo 170, Japan) V.1- 1976-
NNGZAZ	Nippon Naibumpi Gakkai Zasshi. Journal of the Japan Endocrine Society. (Nippon Naibumpi Gakkai, c/o Kyoto-Furitsu Ika Daigaku, Kojinbashi Nishizume-Sagaru, Kamigyo-ku, Kyoto 602, Japan) V.1- 1925-
NOALA4	Nova Acta Leopoldina. (Johann Ambrosius Barth Verlag, Postfach 109, Salomonst 18b, 701 Leipzig, E. Germany) V.1- 1932-
NOSYBW	Nobel Symposium. (Plenum Publishing Corp., 233 Spring St., New York 10013) No.1- 1965-
NOVTAV	Nordisk Veterinarermedicin. (Danske Dyrlaege Forening, Alhambravej 15, DK1826 Copenhagen V, Denmark) V.1- 1949-
NPIRI*	Raw Material Data Handbook, V.1 Organic Solvents, 1974. (National Association of Printing Ink Research Institute, Francis McDonald Sinclair Memorial Laboratory, Lehigh University, Bethlehem, PA 18015)
NPMDAD	Nouvelle Presse Medicale. (Masson et Cie, Editeurs, 120 Blvd. Saint-Germain, P-75280, Paris 06, France) V.1- 1972-
NRTTA8	National Research Council of Canada, Technical Translation. (The Council, Ottawa, KIA OK6, Ontario, Canada) No.1- 1949-
NRTXDN	Neurotoxicology. (Pathotox Publishers, Inc., 2405 Bond St., Park Forest South, IL 60464) V.1- 1979-
NSABA2	Nuclear Science Abstracts. (U. S. Atomic Energy Commission, Div. of Tech. Inform: Ext., P.O. Box 62, Oak Ridge, TN 37830) V.1- 1948
NSAPCC	Naunyn-Schmiedeberg's Archives of Pharmacology. (Springer Verlag, Heidelberger, Pl. 3, D-1 Berlin 33, Germany) V.272- 1972-
NSMZDZ	Nippon Shika Masui Gakkai Zasshi. (Tokyo Ikashika Daigaku Shika Masuigaku Kyoshitsu, 1-5-45 Yushima, Bunkyo-Ku, Tokyo 113, Japan) V.1- 1973-
NTIMBF	Nauchnye Trudy, Irkutskii Gosudarstvennyi Meditsinskii Institut. Scientific Works, Irkutsk State Medical Institute. (Irkutskii Gosudarstvennyi Meditsinskii Institut, Irkutsk, USSR) No.80- 1967-
NTIS**	National Technical Information Service. (Springfield, VA 22161) (Formerly U. S. Clearinghouse for Scientific & Technical Information)
NTOTDY	Neurobehavioral Toxicology and Teratology. (ANKHO International Inc., P.O. Box 426, Fayetteville, NY 13066) V.3- 1981-
NTPTB*	NTP Technical Bulletin. (National Toxicology Program, Landow Bldg. 3A-06, 7910 Woodmont Ave., Bethesda, Maryland 20205)
NTPTR*	National Toxicology Program Technical Report Series. (Research Triangle Park, NC 27709)
NUCADQ	Nutrition and Cancer. (Franklin Institute Press, POB 2266, Phildelphia, PA 19103) V.1- 1978-
NULSAK	Nucleus (Calcutta). (Dr. A.K. Sharma, c/o Cytogenetics Laboratory, Department of Botany, University of Calcutta, 35 Ballygunge Circular Rd., Calcutta 700 019, India) V.1- 1958-
NUMEBI	Nutrition and Metabolism. (S. Karger AG, Postfach CH-4009 Basel, Switzerland) V.12- 1970-
NUNDAJ	Neuroendocrinology. (S. Karger AG, Postfach CH-4009 Basel, Switzerland) V.1- 1965/66-
NUPOBT	Neuropathologia Polska. (Ars Polona-RUCH, POB 1001, 00-068 Warsaw 1, Poland) V.1- 1963-
NUREA8	Nutrition Reviews. (Nitrutionn Foundation, c/o Dr. R.E. Olson, ed., Dept. of Biochemistry, St. Louis Univ. School of Medicine, St. Louis, MO 63104) V.1- 1942-
NURIBL	Nutrition Reports International. (Geron-X, Inc., POB 1108, Los Altos, CA 94022) V.1- 1970-
NVTMAF	Nordisk Veterinaermedicin Danske Udgave. (Copenhagen, Denmark)
NWSCAL	New Scientist. (IPC Magazines Ltd., Tower House, Southampton, St., London WC2E 9QX, England) V.1- 1956-
NYJMAK	New York Journal of Medicine and the Collateral Sciences. (New York, NY)
NYKGA7	Noyaku Kagaku. Pesticide Science. (Pesticide Science Society of Japan, 43-11, 1-Chome, Komagome, Toshima-ku, Tokyo 170, Japan) V.1-3, 1973-76.
NYKZAU	Nippon Yakurigaku Zasshi. Japanese Journal of Pharmacology. (Nippon Yakuri Gakkai, 2-4-16, Yayoi, Bunkyo-Ku, Tokyo 113, Japan) V.40- 1944-
NYSJAM	New York State Journal of Medicine. (Medical Society of the State of New York, 420 Lakeville Rd., Lake Success, NY 11040) V.1- 1901-
NYZZA3	Nippon Yakuzaishikai Zasshi. Journal of the Japan Pharmaceutical Association. (12-15-701, Shibuya 2-Chome, Shibuya-ku, Tokyo, Japan) V.1- 1949-

NZJEA3	New Zealand Journal of Experimental Agriculture. (New Zealand Dept. of Scientific and Industrial Research, Publications Officer, Science Information Div., POB 9741, Wellington, New Zealand) V.1- 1973-
NZMJAX	New Zealand Medical Journal. (Otago Daily Times & Witness Newspapers, P.O. Box 181, Dunedin C1, New Zealand) V.1- 1900-
OBGNAS	Obstetrics and Gynecology. (Elsevier/North Holland, Inc., 52 Vanderbilt Avenue, New York, NY 10017) V.1- 1953-
OCHRAI	Occupational Health Review. (Ottowa, Canada) V.4-22, 1953-71. Discontinued.
OCMEA4	Occupational Medicine. (Chicago, IL) V.1-5, 1946-48. For publisher information, see AEHLAU
OCMJAJ	Osaka City Medical Journal. (Osaka City Medical Center, 1-4-54, Asahimachi, Abenoku, Osaka 545, Japan) V.1- 1954-
OCPRAO	Ochrona Pracy. Industrial Safety. (Ars Polona-RUCH, POB 1001, 00-068 Warsaw 1,Poland) V.7- 1952(?)-
OCRAAH	Organometallic Chemistry Reviews, Section A: Subject Reviews. (Lausanne, Switzerland) V.3-8, 1968-72. For publisher information, see JORCAI
ODIZAK	Osaka Daigaku Igaku Zasshi. Journal of the Osaka University Faculty of Medicine. (Osaka Daigaku Igakkai, 33 Joancho, Kitaku, Osaka, Japan) V.1- 1949-
OEKSDJ	Osaka-furitsu Koshu Eisei Kenkyusho Kenkyu Hokoku, Shokuhin Eisei Hen. (Osaka-furitsu Koshu Eisei Kenkyusho, 1-3-69 Nakamichi, Higashinari-ku, Osaka 537, Japan) No.1- 1970-
OFAJAE	Okajimas Folia Anatomica Japonica. (Japan Publications Trading Co., 175 5th Ave., New York, NY 10010) V.14- 1936-
OGSUA8	Obstetrical and Gynecological Survey. (Williams and Wilkins, 428 E. Preston St., Baltimore, MD 21202) V.1- 1946-
OHSLAM	Occupational Health and Safety Letter. (Environews, Inc., 1097 National Press Bldg. Washington, DC 20045) V.1- 1970-
OIZAAV	Osaka Igaku Zasshi. (Osaka, Japan)
OJVRAZ	Onderstepoort Journal of Veterinary Research. (Div. of Agricultural Inform., Dept. of Agricultural Tech. Ser., Private Bag X-144, Pretoria, S. Africa) V.25- 1951-
OJVSA4	Onderstepoort Journal of Veterinary Science and Animal Industry. (Pretoria, S. Africa) V.1-24, 1933-50. For publisher information, see OJVRAZ
OMCDS*	Olin Chemicals Data Sheet. (Industrial Development, 745 5th Ave., New York, NY 10022)
ONCOAR	Oncologia. (Basel, Switzerland) V.1-20, 1948-66. For publisher information, see ONCOBS
ONCOBS	Oncology. (S. Karger AG, Postfach CH-4009 Basel, Switzerland) V.21- 1967-
ONCODU	Revista de Chirurgui, Oncologie, Radiologie, ORL, Oftalmologie, Stomatologie, Seria: Oncologia.(Rompresfilatelia, ILEXIM, POB 136-137, Bucharest, Romania) V.13, No.4- 1974-
ONKOD2	Onkologie. (S. Karger AG, Postfach CH-4009 Basel, Switzerland) V.1- 1978-
OPHTAD	Ophtalmologica. (S. Karger AG, Postfach CH-4009 Basel, Switzerland) V.96- 1978-
ORVOBF	Orvostudomany. (Akademiai Kiado, P.O. Box 24, Budapest 502, Hungary) V.19- 1968-
OSDIAF	Osaka Shiritsu Daigaku Igaku Zasshi. Journal of the Osaka City Medical Center. (Osaka-Shiritsu Daigaku Igakubu, 1-4-54, Asahi-cho, Abeno-Ku, Osaka, Japan) V.1- 1951-
OSMJAT	Ohio State Medical Journal. (Ohio State Medical Assoc., 600 S. High St., Suite 500, Columbus, OH 43215) V.1- 1905-
OSOMAE	Oral Surgery, Oral Medicine and Oral Pathology. (C.V. Mosby Co., 11830 Westline Industrial Dr., St Louis, Mo. 63141) V.1- 1948-
OYYAA2	Oyo Yakuri. Pharmacometrics. (Oyo Yakuri Kenkyukai, Tohoku Daigaku, Kitayobancho, Sendai 980, Japan) V.1- 1967-
OZEBAE	Oesterreichische Zeitschrift fuer Erforschung und Bekaempfung der Krebskrankheit. (Verlag Adolf Holzhausens Nachfolger, Kandlgasse 19/21, 1070 Vienna, Austria) V.25- 1970-
PetKP#	Personal Communication from Dr. K.P. Petersen, DAK Labs., 59 Lergravsvej, DK-2300, Copenhagen, Demark, to B. Jones, Tracor Jitco, Inc., December 22, 1977
Pref##	Personal Communication to Fran Prouhs, Neville Chemical Co., Neville Island, Pittsburgh, PA 15225, from Dr. Alan E. Friedman, Tracor Jitco, Inc., May 17,1979
PAACA3	Proceedings of the American Association for Cancer Research. (Waverly Press, 428 E. Preston St., Baltimore, MD 21202) V.1- 1954-
PAASAH	Publication, American Association for the Advancement of Science. (AAAS, 1515 Massachusetts Ave., N.W. Washington, DC 20005) 1971-
PABIAQ	Pathologie et Biologie. (Paris, France) V.1-16, 1953-68. For publisher information, see PTBIAN
PACHAS	Pure & Applied Chemistry. (Butterworth and Co., Ltd., Borough Green, Sevenoaks, Kent TN15 8PH, England) V.1- 1960-
PAFEAY	Patologicheskaya Fiziologiya i Eksperimental'naya Terapiya. (V/O Mezhdunarodnaya Kniga, Kuznetskii Most 18, Moscow G-200, USSR) V.1- 1957-
PAMIAD	Pathologia et Microbiologia. V.23-43, 1960-75. For publisher information, see ECEBDI
PANSCG	PANS. (Centre for Overseas Pest Research, PANS Office, College House, Wright's Lane, London W8 5SJ, England) V.15- 1969-
PAPOAC	Patologia Polska. (Ars-Polona-RUSH, POB 1001, 00-068 Warsaw 1, Poland) V.1- 1950-
PAREAQ	Pharmacological Reviews. (Williams & Wilkins, 428 E. Preston St., Baltimore, MD 21202) V.1- 1949-
PARPDS	Pathology, Research and Practice. (Gustav Fisher Verlag, Postfach 72 01 43, D-7000 Stuttgart 70, Federal Republic of Germany) V.162- 1978-
PARWAC	Polskie Archiwum Weterynaryjne. Polish Archives of Veterinary Medicine. (Panstwowe Wydawnictwo Naukowe, POB 391, P-00251 Warsaw, Poland) V.1- 1951-
PATHAB	Pathologica. (Via Alessandro Volta, 8 Casella Postale 894, 16128 Genoa, Italy) V.1- 1908-
PAVEAC	Pathologia Veterinaria. (Basel, Switzerland) V.1-7, 1964-70. For publisher information, see VTPHAK
PAWIAT	Praktische Anaesthesie, Wiederbelegung und Intensivtherapie. (Georg Thieme Verlag, Postfach 732, Herdweg 63, D-70000, Stuttgart 1, Fed. Rep. Ger.) V.9- 1974-
PBBHAU	Pharmacology, Biochemistry and Behavior. (ANKHO International Inc., P.O. Box 426, Fayetteville, NY 13066) V.1- 1973-
PBFMAV	Problemi na Farmatsiyata. (Durzhavno Izdatel'stvo Meditsina i Fizkultura, Pl. Slaveikov II, Sofia, Bulgaria) V.1- 1973-
PBPHAW	Progress in Biochemical Pharmacology. (S. Karger AG, Postfach CH-4009 Basel, Switzerland) V.1- 1965-

PBPSDY	'Pharmacological and Biochemical Properties of Drug Substances,' Morton E. Goldberg, ed., Washington, D.C., American Pharmaceutical Assoc., 1979
PBVMA9	Problemi na Vutreshnata Meditsina. Problems of Internal Medicine. (Durzhavno Izdatel'stvo Meditsina i Fizkultura, pl. Slaveikov 11, Sofia, Bulgaria) V.1- 1973-
PCBPBS	Pesticide Biochemistry and Physiology. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1971-
PCBRD2	Progress in Clinical and Biological Research. (Allan R. Liss, Inc., 150 5th Ave., New York, NY 10011) V.1- 1975-
PCCRA4	Proceedings of the Canadian Cancer Research Conference. (Univ. of Toronto Press, Toronto, M55 1A6, Ontario, Canada) V.1- 1954-
PCFTDS	Progress in Chemical Fibrinolysis and Thrombolysis. (Raven Press, 1140 Ave. of the Americas, New York, NY 10036) V.1- 1975-
PCJOAU	Pharmaceutical Chemistry Journal. English Translation of KHFZAN. (Plenum Publishing Corp., 233 Spring St., New York, NY 10013) No.1- 1967-
PCLCA4	Progress in Clinical Cancer. (Grune & Stratton Inc., 111 5th Ave., New York, NY 10003) V.1- 1965-
PCMBA6	Proceedings of the International Congress for Microbiology. (National Research Council, Division of Biosciences, Sussex Dr., Ottawa 2, Ontario, Canada) V.1- 1930-
PCNAAB	Pediatric Clinics of North America. (W.B. Saunders, W. Washington Sq., Philadelphia, PA 19105) V.1- 1954-
PCOC**	Pesticide Chemicals Official Compendium, Association of the American Pesticide Control Officials, Inc. (Topeka, Kansas, 1966)
PDTNBH	Paediatrician. (S. Karger AG, Postfach CH-4009 Basel, Switzerland) V.1- 1972-
PEDIAU	Pediatrics. (P.O. Box 1034, Evanston, IL 60204) V.1- 1948-
PEGTAA	Problem Endokrinologii i Gormonoterapii. Problems of Endocrinology and Hormone Therapy. (Moscow, USSR) V.1-12, 1955-66. For publisher information, see PROEAS
PEHPB4	Pei I Hsueh Pao. (Taipei Medical College, 250 Wu Shing St., Taipei, Taiwan) V.1- 1961-
PENDAV	Polish Endocrinology. English of Endokrynologia Polska. (Springfield, Virginia) V.13-23, 1962-72. Discontinued.
PENNS*	Pennsalt Chemicals Corporation, Technical Div., New Products. (Philadelphia, PA)
PEREBL	Pediatric Research. (Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202) V.1- 1967-
PESTC*	Pesticide & Toxic Chemical News. (Food Chemical News, Inc., 400 Wyatt Bldg., 777 14th St., N.W. Washington, DC 20005) V.1- 1972-
PESTD5	Proceedings of the European Society of Toxicology. (Amsterdam, Netherlands) V.16-18, 1975-77, Discontinued.
PEXTAR	Progress in Experimental Tumor Research. (S. Karger AG, Postfach CH-4009 Basel, Switzerland) V.1- 1960-
PFLABK	Pfluegers Archiv. European Journal of Physiology. (Springer-Verlag, Heidelberger, Pl. 3, 1 Berlin 33, Germany) V.302- 1968-
PGMJAO	Postgraduate Medical Journal. (Blackwell Scientific Publications, Osney Mead, Oxford OX2 OEL, England) V.1- 1925-
PGPKA8	Problemy Gematologii i Perelivaniia Krovi. Problems of Hematology and Blood Transfusion. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1- 1956-
PGTCA4	Pigment Cell. (S. Karger AG, Arnold-Boecklin St., 25 CH-4011 Basel, Switzerland) V.1- 1973-
PHABDI	Proceedings of the Hungarian Annual Meeting for Biochemistry. (Magyar Kemikusok Egyesulete, Anker Koz 1, 1061 Budapest, Hungary) V.1- 1961-
PHARAT	Pharmazie. (VEB Verlag Volk und Gesundheit, Neue Gruenstr 18, 102 Berlin, E. Germany) V.1- 1946-
PHBHA4	Physiology and Behavior. (Pergamon Press Inc., Maxwell House, Fairview Park, Elmsford, NY 10523) V.1- 1966-
PHBTH*	'Pharmacology: Basis of Therapy,' Goodman, L.S., ed., 3rd Ed. New York, Macmillan, 1967
PHBUA9	Pharmaceutical Bulletin. (Pharmaceutical Society of Japan, 12-15-501, Shibuya 2-chome, Shibuya-ku, Tokyo, 150, Japan) V.1-5, 1953-57.
PHCBAP	Photochemistry and Photobiology. (Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England) V.1- 1962-
PHJOAV	Pharmaceutical Journal. (Pharmaceutical Press, 17 Bloomsbury Sq., London WC1A 2NN, England) V.131- 1933-
PHMCAA	Pharmacologist. (American Society for Pharmacology and Experimental Therapeutics, 9650 Rockville Pike, Bethesda, MD 20014) V.1- 1959-
PHMGBN	Pharmacology: International Journal of Experimental and Clinical Pharmacology. (S. Karger AG, Postfach CH-4009 Basel, Switzerland) V.1- 1968-
PHPHA6	Phytiatrie-Phytopharmacie. (Societe Francaise de Phytiatrie et de France) V.1- 1952- Phytopharmacie, Etoile de Choisy, Route de St-Cyr, 78000 Versailles,
PHREA7	Physiological Reviews. (9650 Rockville Pike, Bethesda, MD 20014) V.1- 1921-
PHRPA6	Public Health Reports. (U.S. Government Printing Office, Supt. of Doc., Washington, DC 20402) V.1- 1878-
PHTHDT	Pharmacology & Therapeutics. (Pergamon Press Ltd., Headington Hall, Oxford OX3 0BW, England) V.4- 1979-
PHTXA6	Pharmacology and Toxicology. Translation of FATOAO. (New York, NY) V.20-22, 1957-59. Discontinued.
PHYTAJ	Phytopathology. (Phytopathological Society, 3340 Pilot Knob Rd., St. Paul, MN 55121) V.1- 1911-
PHZOA9	Physiological Zoology (University of Chicago Press, 5801 S. Ellis Ave., Chicago, IL 60637) V.1- 1928-
PIAIA9	Proceedings of the Iowa Academy of Science. (Iowa Academy of Science, Univ. of Northern Iowa, Cedar Falls, IA 50613) V.1- 1887/93-
PIATAB	Proceedings of the Imperial Academy of Tokyo. (Tokyo, Japan) V.1-21, 1912-45. For publisher information, see PJACAW
PICFEE	Proceedings of the International Conference of the International Planned Parenthood Federation. (IPPF International Office, 18-20 Lower Regent St., London SW1Y 4PW, UK)
PISCAD	Proceedings of the Indian Science Congress. (Indian Science Congress Association, 14, Dr. Biresh Guha St., Calcutta, 700017, India) 1st- 1914-
PISDDJ	Pacific Information Service on Street Drugs. (J.K. Brown, School of Pharmacy, Univ. of the Pacific, Stockton, CA 95211) V.1- 1972(?)-
PJABDW	Proceedings of the Japan Academy, Series B. (Tokyo Press Co., LTD., Itabashi, Tokyo, Japan) V.1- 1945-
PJACAW	Proceedings of the Japan Academy. (Nippon Gakushiin, Ueno Koen, Tokyo 110, Japan) V.21- 1945-
PJPPAA	Polish Journal of Pharmacology and Pharmacy. (ARS-Polona-Rush, POB 1001, 00-068 Warsaw 1, Poland) V.25- 1973-

BEST COPY A

PJSCAK	Philippine Journal of Science. (National Science Development Board, POB 774, Manila, Philippines) V.14- 1919-
PLCHB4	Physiological Chemistry and Physics. (U.S. Government Printing Office, Superintendent of Documents, Washington, DC 20402) V.1- 1969-
PLENBW	Pollution Engineering. (1301 S. Grove Ave., Barrington, IL 60010) V.1- 1969-
PLIRDW	Progress in Lipid Research. (Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 OBW, England) V.17- 1978-
PLMEAA	Planta Medica. (Hippokrates-Verlag GmbH, Neckarstr 121, 7 Stuttgart, Germany) V.1- 1953-
PLMEDD	Prostaglandins, Leukotrienes and Medicine. (Longman Inc., 19 W. 44th St., New York, NY 10036) V.8- 1982-
PLMJAP	Pahlavi Medical Journal. (Editor, Pahlavi Medical Journal, School of Medicine, Pahlavi University, Shiraz, Iran) V.1- 1970-
PLPSAX	Physiological Psychology. (Psychonomic Society, Inc., 1108 W. 34th Ave., Austin, TX 78705) V.1- 1973-
PLRCAT	Pharmacological Research Communications. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1969-
PMARAU	Prensa Medica Argentina. (Junin 845, Buenos Aires, Argentina) V.1- 1914-
PMAYAH	Pharmaceutical Manufacturers Association Yearbook. (1155 15th St., N.W., Washington, DC 20005) V.1- 1959/60-
PMDCAY	Progress in Medical Chemistry. (American Elsevier Publishing Co., 52 Vanderbilt Ave., New York, NY 10017) V.1- 1961-
PMESAJ	Postgraduate Medical Journal, Supplement. (Blackwell Scientific Publications, Osney Mead, Oxford OX2 OEL, England) V.1- 1949-
PMHBAH	Polish Medical Sciences and History Bulletin. (Chicago, IL) V.1-14, 1956-71. Discontinued.
PMMDAE	Panminerva Medica. (Edizioni Minerva Medica, Casella Postale 491, Turin, Italy) V.1- 1959-
PMRSDJ	Progress in Mutation Research. (Elsevier North Holland, Inc., 52 Vanderbilt Ave., New York, NY 10017) V.1- 1981-
PMSBA4	Progress in Molecular and Subcellular Biology. (Springer-Verlag, Heidelberger Pl. 3, D-1000 Berlin 33, Federal Republic of Germany) V.1- 1969-
PNASA6	Proceedings of the National Academy of Sciences of the United States of America. (The Academy, Printing & Publishing Office, 2101 Constitution Ave., Washington, DC 20418) V.1- 1915-
PNCCA2	Proceedings, National Cancer Conference. (Philadelphia, PA) V.1-7, 1949-72, For publisher information, see CANCAR
POASAD	Proceedings of the Oklahoma Academy of Science. (Oklahoma Academy of Science, c/o James F. Lowell, Executive Secretary-Treasurer, Southwestern Oklahoma State University, Weatherford, Oklahoma 73096) V.1- 1910/1920-
POKLA8	Problemi na Onkologiyata. Problems of Oncology. (Durzhavno Izdatelstvo Meditsina i Fizkultura, Pl. Slaveikov 11, Sofia, Bulgaria) V.1- 1973-
POLEAQ	Polski Tygodnik Lekarski. Polish Medical Weekly. (Ars Polona-RUCH, POB 1001, P-00 068 Warsaw, 1, Poland) V.1- 1946-
POMDAS	Postgraduate Medicine. (McGraw-Hill, Inc., Distribution Center, Princeton Rd., Hightstown, NJ 08520) V.1- 1947-
POMJAC	Polish Medical Journal. (Warsaw, Poland) V.1-11, 1962-72. Discontinued.
PONCAU	Problems of Oncology. Translation of VOONAW. (New York, NY) V.3-7, 1957-61. Discontinued.
POSCAL	Poultry Science. (Poultry Science Assoc., Texas A & M University, College Station, TX 77843) V.1- 1921-
PPASAK	Proceedings of the Pennsylvania Academy of Science. (Pennsylvania Academy of Science, c/o Stanley Zagorski, Tr., Gannon College, Perry Sq., Erie, PA 16501) V.1- 1924/1926-
PPGDS*	PPG Industries, Inc., Material Safety Data Sheet. (PPG Industries, Inc., Chemicals Group, One Gateway Center, Pittsburgh, PA 15222)
PPHAD4	Pediatric Pharmacology. (Alan R. Liss, Inc., 150 5th Ave., New York, NY 10011) V.1- 1980-
PPRPAS	Produits & Problemes Pharmaceutiques. (Paris, France) V.17-28, 1962-73. Suspended.
PPTCBY	Proceedings of the International Symposium of the Princess Takamatsu Cancer Research Fund. (Japan Scientific Societies Press, 2-10, Hongo 6-chome, Bunkyo-ku, Tokyo 113, Japan) (1st)- 1970(Pub. 1971)-
PRACAK	Practitioner. (5 Bentinck St., London, England) V.1- 1868-
PRAEAQ	Progress in Aeronautical Sciences. (Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523) V.1-10, 1961-70. Name changed to Progress in Aerospace Science
PRAXAF	Praxis. (Hallwag, AG, Nordring 4, 3001, Bern, Switzerland) V.12- 1923-
PRBIDC	Progress in Reproductive Biology. (S. Karger AG, Arnold-Boecklin Str. 25, CH-4011, Basel, Switzerland) V.1- 1976-
PREBA3	Proceedings of the Royal Society of Edinburgh, Section B. (Royal Society of Edinburgh, 22 George St., Edinburgh, Scotland) V.61- 1943-
PRGLBA	Prostaglandins. (Geron-X, Inc., P.O. Box 1108, Los Altos, California 94022) V.1- 1972-
PRKHDK	Problemi na Khigienata. Problems in Hygiene. (Durzhavno Izdatel'stvo Meditsina i Zizkultura, Pl. Slaveikov 11, Sofia, Bulgaria) V.1- 1975-
PRLBA4	Proceedings of the Royal Society of London, Series B, Biological Sciences. (The Society, 6 Carlton House Terrace, London SW1Y 5AG, England) V.76- 1905-
PRLFAG	Pracovni Lekarstvi. (PNS-Administrace Odborneho Tisku, Jindrisska 14, C2-125 05 Prague 1, Czechoslovakia) V.1- 1949-
PRMEAI	Presse Medicale. (Paris, France) V.1-79, 1893-1971. For publisher information, see NPMDAD
PRNPAM	Progress in Neuropathology. (Grune & Stratton, 111 5th Ave., New York, NY 10003) V.1- 1971-
PROEAS	Problemy Endokrinologii. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1-6, 1936-41; V.13- 1967-
PROMDL	Prostaglandins and Medicine. (The Longman Group Ltd., Journals Div., 43-45 Annandale St., Edinburgh EH47 4AT, Scotland) V.1- 1978(?)-
PROTA*	'Problemes de Toxicologie Alimentaire,' Truhaut, R., Paris, France, L'evolution Pharmaceutique, (1955?)
PRPHA8	Produits Pharmaceutiques. (Paris, France) V.1-16, 1946-61. For publisher information, see PPRPAS
PRSEAE	Proceedings of the Royal Society of Edinburgh. (Royal Society of Edinburgh, 22 George St., Edinburgh EH2 2PQ, Scotland) V.1-60, 1832-1940.
PRSMA4	Proceedings of the Royal Society of Medicine. (Grune & Stratton Inc., 111 5th Ave., New York, NY 10003) V.1- 1907-

PRTODI	'Progress in Toxicology,' Zbinden, Gerhard, New York, Springer- Verlag, 1973
PRTUAX	Problemy Tuberkuleza. Problems of Tuberculosis. (V/O Mezhdunar- odnaya Kniga, Kuznetskii Most 18, Moscow G-200, USSR) V.1- 1923-
PSCBAY	Psychopharmacology Service Center, Bulletin. (Bethesda, MD) V.1-3, 1961-65. For publisher information, see PSYBB9
PSCHDL	Psychopharmacology (Berlin). (Springer-Verlag New York, Inc., Service Center, 44 Hartz Way, Secaucus, NJ 07094) V.47- 1976-
PSDAA2	Proceedings of the South Dakota Academy of Science. (Univ. of South Dakota, Vermillion, SD 57069) V.1- 1916-
PSDTAP	Proceedings of the European Society for the Study of Drug Toxicity. (Excerpta Medica Foundation, Nassau Bldg., 228 Alexander St., Princeton, NJ 08540) V.1- 1963-
PSEBAA	Proceedings of the Society for Experimental Biology and Medicine. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1903/04-
PSIRAA	Pakistan Journal of Scientific and Industrial Research. (Senior Scientific Officer, Pakistan Council of Scientific and Industrial Research, 39, Garden Rd., Karachi, Pakistan) V.1- 1958-
PSMMAF	Proceedings of the Staff Meetings of the Mayo Clinic. (Rochester, MN) V.1-38, 1926-63. For publisher information, see MACPAJ
PSSCBG	Pesticide Science. (Blackwell Scientific Publications Ltd., Osney Mead, Oxford OX2 OEL, England) V.1- 1970-
PSSID2	Pergamon Series on Environmental Science. (Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England) V.1- 1978-
PSSYDG	Proceedings of the Serono Symposia. (Academic Press Inc. Ltd., 24-28 Oval Rd., London NW1 7DX, England) V.1- 1973-
PSTDAN	Pesticides. (Colour Publications Pvt. Ltd., 126-A Dhuruwadi, Off Dr. Nariman Rd., Bombay 400-025, India) V.1- 1967-
PSTFDW	Proceedings of the Symposium on Textile Flammability. (LeBlanc Research Corp., 5454 Post Rd., East Greenwich, RI 02818) V.1- 1973-
PSTGAW	Proceedings of the Scientific Section of the Toilet Goods Association. (The Toilet Goods Assoc., Inc., 1625 I St., N.W., Washington, DC 20006) No.1-48, 1944-67. Discontinued.
PSYBB9	Psychopharmacology Bulletin. (U.S. Government Printing Office, Supt. of Doc., Washington, DC 20402) V.3- 1966-
PSYPAG	Psychopharmacologia. (Berlin, Ger.) V.1-46, 1959-76. For publisher information, see PSCHDL
PTBIAN	Pathologie-Biologie. (Expansion Scientifique Francaise, 15 rue St. Benoit, Paris 6, France) V.17- 1969-
PTEUA6	Pathologia Europaea. (Presses Academiques Europeennes, 98, Chaussee de Charleroi, Brussels, Belgium) V.1- 1966-
PTLGAX	Pathology. (Royal College of Pathologists of Australia, 82 Windmill St., Sydney, NSW 2000, Australia) V.1- 1969-
PTPAD4	Pharmacology & Therapeutics, Part A: Chemotherapy, Toxicology and Metabolic Inhibitors. (Pergamon Press, Headington Hill Hall, Oxford OX3 0BW, England) V.1- 1976-
PTPBD7	Pharmacology & Therapeutics, Part B: General & Systematic Pharmacology. (Pergamon Press, Headington Hill Hall, Oxford OX3 0BW, England) V.1- 1975-
PTRBAE	Philosophical Transactions of the Royal Society of London, Series B: Biological Sciences. (Royal Society, 6 Carlton House Terrace, London SW1Y 5AG, England) V.178- 1887-
PTRMAD	Philosophical Transactions of the Royal Society of London, Series A: Mathematical & Physical Sciences. (Royal Society of London, 6 Carlton House Terrace, London SW1Y 5AG, England) V.178- 1887-
PTRSAV	Philosophical Transactions of the Royal Society of London. (London, England) V.1-177, 1665-1886. For publisher information, see PTRMAD
PUMTAG	Proceedings of University of Missouri's Annual Conference on Trace Substances in Environmental Health. (Environmental Trace Substances Research Center, Univ. of Missouri, Columbia, MO 65201) V.1- 1967-
PUOMA5	Proceedings of the University of Otago Medical School. (Otago Medical School Research Society, Box 913, Dunedin, New Zealand) V.1- 1922-
PVPRAW	Paint and Varnish Production. (Palmerton Publishing Co., 101 W. 31 St., New York, NY 10001) V.29- 1949-
PVTMA3	Preventive Medicine. (Academic Press, 111 Fifth Ave., New York, NY 10003) V.1- 1972-
PWPSA8	Proceedings of the Western Pharmacology Society. (Univ. of California Dept. of Pharmacology, Los Angeles, CA 94122) V.1- 1958-
PYRTAZ	Psychological Reports. (Southern Universities Press, Baton Rouge, LA 70813) V.1- 1952-
PYTCAS	Phytochemistry. An International Journal of Plant Biochemistry. (Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 OEW, England) V.1- 1961-
QJMEA7	Quarterly Journal of Medicine. (Oxford University Press, Press Road, Neasden, London NW 10 0DD, England) V.1- 1932-
QJPAAA	Quarterly Journal of Pharmacy and Allied Sciences. (London, England) V.1, 1928. For publisher information, see JPPMAB
QJPPAL	Quarterly Journal of Pharmacy & Pharmacology. (London, England) V.2-21, 1929-48. For publisher information, see JPPMAB
QJSAAP	Quarterly Journal of Studies on Alcohol. (New Brunswick, NJ) V.1-28, 1940-67. For publisher information, see QJSOAX
QJSOAX	Quarterly Journal of Studies on Alcohol, Part A: Originals. (Rutgers State University, New Brunswick, NJ 08903) V.29- 1968-
QUNUAZ	Quaderni della Nutrizione. (Moore-Cottrell Subscription Agencies Inc., North Cohocton, NY 14868) V.1- 1934-
QURBAW	Quarterly Reviews of Biophysics. (Cambridge University Press, P.O. Box 92, Bentley House, 200 Euston Rd., London NW1 2DB, England) V.1- 1968-
RalRL#	Personal Communication to NIOSH from Robert L. Raleigh, M.D., Assistant Director of Health and Safety Lab., Eastman Kodak Company, Rochester, NY
RADLAX	Radiology. (Radiological Society of North America, 20th & Northampton Sts., Easton, PA 18042) V.1- 1923-
RADOAB	Radiobiologiya. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, USSR) V.1- 1961
RAMAAB	Revista de la Asociacion Medica Argentina. (Santa Fe 1171, Buenos Aires, Argentina) V.1- 1915-
RAREAE	Radiation Research. (Academic Press, 111 Fifth Ave., New York, NY 10003) V.1- 1954-
RARIAQ	Record of Agricultural Research. (Department of Agricultural for Northern Ireland, Dundonald House, Upper Newtonards Rd., Belfast BT4 3SB, N. Ire.) V.13- 1963-

BEST COPY

RARSAM	Radiation Research, Supplement. (Academic Press, 111 5th Ave., New York, NY 10003) No.1- 1959-
RBBIAL	Revista Brasileira de Biologia. (Caixa Postal 1587, ZC-00 Rio de Janeiro, Brazil) V.1- 1941-
RBPMB2	Revista Brasileira de Pesquisas Medicas e Biologicas. (Editora Medico -Biologica Brasileira, Rua Pedrosa de Alvarenga, 1255, Sao, Paulo, Brazil) V.1- 1968-
RCBIAS	Revue Canadienne de Biologie. (Les Presses de l'Universite de Montreal, P.O. Box 6128, 101 Montreal 3, Quebec, Canada) V.1- 1942-
RCHMA2	Revista Chilena de Higiene y Medicina Preventiva. (Santiago, Chile) V.1-15, 1937-53. Discontinued.
RCIBAS	Research Council of Israel, Bulletin. (Israel Scientific Press, P.O.B. 801, Jerusalem King George Ave. 33, Jerusalem) V.1- 1951-
RCOCB8	Research Communications in Chemical Pathology and Pharmacology. (PJD Publications, P.O. Box 966, Westbury, NY 11590) V.1- 1970-
RCPBDC	Research Communications in Psychology, Psychiatry and Behavior. (PJD Publications, P.O. Box 966, Westbury, NY 11590) V.1- 1976-
RCPRAN	Record of Chemical Progress. (Detroit, MI) V.1-32, 1939-71. Discontinued.
RCRVAB	Russian Chemical Reviews. (Chemical Society, Publications Sales Office, Burlington House, London W1V 0BN, England) V.29- 1960-
RCSADO	Research Communications in Substances Abuse. (PJD Publications Ltd., Box 966, Westbury, NY 11590) V.1- 1980-
RCTEA4	Rubber Chemistry and Technology. (Div. of Rubber Chemistry, American Chemical Society, University of Akron, Akron, OH 44325) V.1- 1928-
RCUFAC	Revista Cubana de Farmacia. (Centro Nacional de Informaction de Ciencias Medicas, Calle 23, No. 177, Havana, Cuba) V.1- 1967-
RDBGAT	Radiobiologia, Radiotherapia. (VEB Verlag Volk und Gesundheit, Neue Gruenstr. 18, DDR-102 Berlin, Germany) V.1- 1960-
RDCNBM	Reproduction. (Calle Puerto de Bermeo, 11 Madrid 34, Spain) V.1- 1974-
REANBJ	Revista Espanola de Anestesiologia y Reanimacion. (Sociodad Espanola de Anestesiologia y Reanimacion, Mallorca, 189 Barcellona 36, Spain) V.1- 1954-
REBPAT	Radiation and Environmental Biophysics. (Springer-Verlag New York, Inc., Service Center, 44 Hartz Way, Secaucus, NJ 07094) V.11- 1974-
RECYAR	Revue Roumaine d'Embryologie et de Cytologia, Serie d'Embrologie. (Bucharest) V.1-8, 1964-71.
REEBB3	Revue Europeenne d'Etudes Cliniques et Biologiques. European Journal of Clinical and Biological Research. (Paris, France) V.15-17, 1970-72. For publisher information, see BIMDB3
REMBA8	Revista Ecuatoriana de Medicina y Ciencias Biologicas. (Facultad de Ciencias Medicas, Quito, Ecuador) V.1- 1963-
REMVAY	Revue d'Elevage et de Medicine Veterinaire des Pays Tropicaux. (Editions Vigot Freres, 23 rue de l'Ecole-de-Medecine, 75006 Paris 6, France) V.1- 1947-
REONBL	Revista Espanola de Oncologia. (Instituto Nacional de Oncologia del Cancer, Ciudad Universitaria, Madrid 3, Spain) V.1- 1952-
REPMBN	Revue d'Epidemiologie, Medecine Sociale et Sante Publique. (Masson et Cie, Editeurs, 120 Blvd. Saint-Germain, P-75280, Paris 06, France) V.1- 1953-
RETOAE	Research Today. (Eli Lilly Co., Indianapolis, IN) V.1-16, 1944-60. Discontinued.
REXMAS	Research in Experimental Medicine. (Springer-Verlag, Heidelberger, Pl. 3, D-1 Berlin 33, Germany) V.157- 1972-
RFCTAJ	Rassegna di Fisiopatologia Clinica e Terapeutica. Review of Clinical and Therapeutic Physiopathology. (Rome, Italy) V.9-42, 1937-70. Discontinued.
RFECAC	Revue Francaise d'Etudes Cliniques et Biologiques. (Paris, France) V.1-14, 1956-69. For publisher information, see BIMDB3
RFGOAO	Revue Francaise de Gynecologie et d'Obstetrique. (Masson Publishing USA, Inc., 14 E. 60th St., New York, NY 10022) V.20- 1920-
RIALA6	Revista do Instituto Adolfo Lutz. Review of the Adolfo Lutz Institute. (Biblioteca do Instituto Adoilfo Lutz, Caixa Postal, 2027, 01000 Sao Paulo, Brazil) V.1- 1941-
RIGAA3	Rinsho Ganka. (Igaku Shoin, 5-24-3 Hongo, Bunkyo-ku, Tokyo 113-91, Japan) V.1- 1947-
RISSAF	Rendiconti Istituto Superiare di Sanita, Italian Edition, (Rome, Italy) V.4-27, 1941-64.
RJARAV	Rhodesian Journal of Agricultural Research. (Rhodesian Ministry of Agriculture, P.O. Box 8108, Causeway, Salisbury, Rhodesia) V.1- 1963-
RMCHAW	Revista Medica de Chile. (Sociedad Medica de Santiago, Esmeralda 678, Casilla 23-d, Santiago, Chile) V.1- 1872-
RMEMDQ	Revue Roumaine de Morphologie, d'Embryologie et de Physiologie, Serie Morphologie et Embryologie. (ILEXIM, POB 136-137, Bucharest, Romania) V.21- 1975-
RMKIBN	Revista Medico-Chirurgicala. (Societatea de Medici si Naturalisti, Bulevardul Independentei, Iasi, Rome) V.35- 1924-
RMSRA6	Revue Medicale de la Suisse Romande. (Societe Medicale de La Suisse Romande, 2 Bellefontaine, 1000 Lausanne, Switzerland) V.1- 1881-
RMVEAG	Recueid de Medecine Veterinaire. (Editions Vigot Freres, 23 rue de l'Ecole-de-Medecine, Paris 6, France) V.1- 1824-
ROHM**	Rohm and Haas Company Data Sheets. (Philadelphia, PA)
RPCMBZ	Revue de Pathologie Comparee et de Medecine Experimentale. (Editions Medicales et Scientifiques, Editeurs, Boite Postale 100, Paris 17, France) V.5- 1968-
RPHRA6	Recent Progress In Hormone Research. Proceedings of the Laurentian Hormone Conference. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1947-
RPOBAR	'Research Progress in Organic Biological and Medicinal Chemistry,' Gallo, Ulisse, ed., New York, Elsevier, 1964-70.
RPPCAZ	Revue De Pathologie Generale Et De Physiologie Clinique. (Paris, France) V.56-64, 1956-64. For publisher information, see RPCMBZ
RPTOAN	Russian Pharmacology and Toxicology. Translation of FATOAO. (Euromed Publications, 97 Moore Park Rd., London SW6 2DA, England) V.30- 1967-
RPZHAW	Roczniki Panstwowego Zakladu Higieny. (Ars Polona-RUSH, POB 1001, 00-068 Warsaw 1, Poland) V.1- 1950-
RRBCAD	Revue Roumaine de Biochimie. (Romprestilatelia, POB 2001, Calea Grivitei 64-66, Bucharest, Romania) V.1- 1964-
RRCRBU	Recent Results in Cancer Research. (Springer Verlag New York, Inc., Service Center, 44 Hartz Way, Secaucus, NJ07094) V.1- 1965-

RRENAR	Revue Roumaine d'Endocrinologie. (Bucharest, Romania) V.1-11, 1964-74. For publisher information, see RRENDU
RRENDU	Revue Roumaine de Medecine, Serei Endocrinologie. (ILEXIM, POB 136-137, R-70116 Bucharest, Romania) V.13- 1975-
RRESA8	Rastitel'nye Resursy. Plant Resources. (v/o 'Mezhdunarodnaya Kniga', Kuznetskii Most 18, Moscow G-200, USSR) V.1- 1965-
RREVAH	Residue Reviews. (Springer Verlag New York, Inc., Service Center, 44 Hartz Way, Secaucus, NJ 07094) V.1- 1962-
RSABAC	Revista de la Sociedad Argentina de Biologia. (Associacion Medica Argentina, Santa Fe 1171, Buenos Aires, Argentina) V.1- 1925-
RSPSA2	Rassegna di Studi Psichiatrici. Review of Psychiatric Studies. (Ospedale Psichiatrico, Calata Capodichino. 232, 80141 Naples, Italy) V.1- 1911-
RSTEBF	Research Steroids. (Pergamon Press, Headington Hill Hall, Oxford OX3 OEW, England) V.1- 1964-
RSTUDV	Rivista di Scienza e Technologia degli Alimenti e di Nutrizione Umana. Review of Science and Technology of Food and Human Nutrition. (Bologna, Italy) V.5-6, 1975-76. Discontinued
RTCPA3	Recueil des Travaux Chimiques des Pays-Bas. Journal of the Royal Netherlands Chemical Society. (Koninklijke Nederlandse Chemische Vereniging, Burnierstr., p.o. box 90613, 2509 LP The Hague, Netherlands) V.64- 1965-
RTPCAT	Rassegna di Terapia e Patologia Clinica. (Rome, italy) V.1-8, 1929-36. For Publisher Information, see RFCTAJ
RVFTBB	Rivista di Farmacologia e Terapia. (Prof. William Ferrari, Via G. Campi 287, 41100 Modena, Italy) V.1- 1970-
RVMVAH	Revue de Medecine Veterinaire (Toulouse). (Ecole Nationale Veterinaire de Toulouse, 23 Chemin des Capelles, 31076 Toulouse, France) V.89, No.2- 1937-
RVTSA9	Research in Veterinary Science. (Blackwell Scientific Publications, Ltd., Osney Mead, Oxford OX2 OEL, England) V.1- 1960-
RZOVBM	Rivista di Zootecnia e Veterinaria. Zootechnical and Veterinary Review. (Rivista di Zootecnia e Veterinaria, Via Viotti 3/5, 20133 Milan, Italy) Number 1- 1973-
SchH##	Personal Communication to NIOSH from Dr. H. Schweinfurth, Schering Aktiengesellschaft, Postfach 65-03-11, D-1000 Berlin 65, Germany, on December 2, 1982
SheCW#	Personal Communication from Dr. C.W. Sheu, Genetic Toxicology Branch, FDA, to H. Lau, Tracor Jitco, March 25, 1977
SinJF#	Personal Communication from J.F. Sina, Merck Institute for Therapeutic Research, West Point, PA 19486, to the Editor of RTECS, Cincinnati, OH, on October 26, 1982
SpiEW#	Personal Communication to Roger Tatken, NIOSH, from Dr. E.W. Spitz, E.P.A. on February 13, 1980
StoGD#	Personal Communication to NIOSH from Fr. Gary D. Stoner, Dept. of Community Medicine, School of Medicine, University of California, La Jolla, CA 92037, May 25, 1975
SAAMDZ	Substance and Alcohol Actions/Misuse. (Pergamon Press Inc., Maxwell House, Fairview Park, Elmsford, NY 10523) V.1- 1980-
SABOA9	Sabouraudia. (Longman Group Ltd., Journals Div., 4th Ave., Harlow, Essex CM20 2JE, England) V.1- 1961-
SACAB7	South African Cancer Bulletin. (National Cancer Association of South Africa, 9 Jubillee Rd., Parktown, Johannesburg, South Africa) V.1- 1957-
SADEAN	Saglik Dergisi. (Turkiye Cumhuriheti esaglik ve Sosyal Yardim Bakanlinca Yayinlanir, Ankara, Turkey) V.19- 1945-
SAIGBL	Sangyo Igaku. Japanese Journal of Industrial Health. (Japan Association of Industrial Health, c/o Public Health Building, 78Shinjuku 1-29-8, Shinjuku-Ku, Tokyo, Japan) V.1- 1959-
SAJSAR	South African Journal of Science. (South African Association for the Advancement of Science, POB 61019, Marshalltown, Transvaal 2107, South Africa) V.6- 1909-
SAKNAH	Soobshcheniia Akademii Nauk Gruzinskoi S.S.R. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.2- 1941-
SAMJAF	South African Medical Journal. (Medical Association of South Africa, Secy., P.O. Box 643, Cape Town, S. Africa) V.6- 1932-
SAPHAO	Skandinavisches Archiv fuer Physiologic. (Karolinska Institutet, Editorial Office, Stockholm, Sweden) V.1-83, 1899-1940. Superseded by APSCAX
SAZTA8	Schweizerische Apotheker-Zeitung. (2 rue Voltaire, 1211 Geneva 1, Switzerland) V.52- 1914-
SBJODP	Science of Biology Journal. (POB 2245, Springfield, Ill. 62705) V.1- 1975-
SBLEA2	Sbornik Lekarsky. (PNS-Ustredni Expedice Tisku, Jindriska 14, Prague 1, Czechoslovakia) V.1- 1887-
SCCSC8	Soap, Cosmetics, Chemical Specialties. (MacNair-Dorland, 101 W. 31st St., New York, NY 10001) V.47- 1971-
SCCUR*	Shell Chemical Company. Unpublished Report. (2401 Crow Canyon Rd., San Romon, CA 94583)
SCGTDW	Somatic Cell Genetics. (New York, NY) V.1-9, 1975-83 York, NY 10013) V.1- 1975-
SCHSAV	Soap and Chemical Specialties. (New York, NY) V.30-47, 1954-71. For publisher information, see SCCSC8
SCIEAS	Science. (American Assoc. for the Advancement of Science, 1515 Massachusetts Ave., NW, Washington, DC 20005) V.1- 1895-
SCINAL	Science and Culture. (Indian Science News Association, 92 Acharya Prafulla Chandra Road, Calcutta 700009, India) V.1- 1935-
SCJUAD	Science Journal. (London, England) V.1-7, 1965-71. For publisher information, see NWSCAL
SCNEBK	Science News. (Science Service, Inc., 1719 N. St., N.W., Washington, DC 20036) V.1- 1921-
SCPHA4	Scientia Pharmaceutica. (Oesterreichische Apotheker-Verlagsgesellschaft MBH, Spitalgasse 31, 1094 Vienna 9, Austria) V.1- 1930-
SDGTB3	Seminars in Drug Treatment. (Grune & Stratton, 111 5th Ave., New York, NY 10003) V.1- 1971-
SDMEAL	South Dakota Journal of Medicine. (South Dakota Medical Association, 608 West Ave. N., Sioux Falls, SD 57104) V.18- 1965-
SDSTBT	Soap and Detergent Association, Scientific and Technical Report. (Soap & Detergent Assoc., 485 Madison Ave., New York, NY 10022) No.1- 1965-
SEIJBO	Senten Ijo. Congenital Anomalies. (Nihon Senten Ijo Gakkai, Kyoto 606, Japan) V.1- 1960-
SEMEAS	Semana Medica. (Sociedad Argentina de Gastroenterologica, Santa Fe 1171, Buenos Aires, Argentina) V.1- 1894-
SFCRAO	Symposium on Fundamental Cancer Research (Williams and Wilkins Co., 428 E. Preston St., Baltimore, Md. 21202) V.1- 1947-
SFTIAE	Svensk Farmaceutisk Tidskrift. Swedish Journal of Pharmacy. (Apotekarsocieteten, Upplandsgatan 6A, Stockholm C, Sweden) V.1- 1897-

SGOBA9	Surgery, Gynecology and Obstetrics. (Franklin H. Martin Memorial Foundation, 55 E. Erie St., Chicago, IL 60611) V.1- 1905-
SHBOAO	Shokubutsu Boeki. (Nippon Shokubutsu Boeki Kyokai, 43-11, Komagome 1-chome, Toshima-Ku, Tokyo, Japan) V.1- 1947-
SHELL*	Shell Chemical Company, Technical Data Bulletin. (Agricultural Div., Shell Chemical Co., 2401 Crow Canyon Rd., San Ramon, CA 94583)
SHGKA3	Shika Gakuho. Journal of Dentistry. (Tokyo Shika Daigaku Gakkai, 9-18, 2-chome, Sanzaki-cho, Chiyuoda-ku, Tokyo, Japan) V.1- 1895-
SHIGAZ	Shigaku. Ondotology. (Nippon Shika Daigaku Shigakkai, 1-9-20 Fujimi, Chiyodaku, Tokyo 102, Japan) V.38- 1949-
SHKKAN	Shika Kiso Igakkai Zasshi. Journal of the Japanese Association for Basic Dentistry. (Shika Kiso Igakkai, Nihon Daigaku Shigakubu, 1-8 Surugadai, Kanda, Chiyoda-ku, Tokyo 101, Japan) V.1- 1959-
SHZAAY	Shoyakugaku Zasshi. (Kyoto Daigaku Yakugakubu, Yoshida Shimoadachi-machi, Sakyo-Ku, Kyoto, Japan) V.6- 1952-
SIGAAE	Shika Igaku. Odontology. (Osaka Shika Gakkai, 1 Kyobashi, Higashi-Ku, Osaka, Japan) V.1- 1930-
SIHSD8	Shang-hai I Hsueh. (Shanghi, China) V.1- 1978(?)-
SJCLAY	Scandinavian Journal of Clinical and Laboratory Investigation. (Universitetsforlaget, PO Box 142, Boston, MA 02113) V.1- 1949-
SJDBA9	Soviet Journal Developmental Biology (English Translation). (Plenum Publishing Corp., 233 Spring St., New York, NY 10013) V.1- 1970-
SJDRAN	Scandinavian Journal of Dental Research. (Munksgaard, 6, Norregade, DK-1165, Copenhagen K, Denmark) V.78- 1970-
SJHAAQ	Scandinavian Journal of Haematology. (Munksgaard, 35 Norre Sogade, DK 1370 Copenhagen K, Denmark) V.1- 1964-
SJHSBD	Scandavian Journal of Haematology. Supplementum. (Munksgaard, 35 Noerre Soegade, DK-1370 Copenhagen K, Denmark) No.1- 1964-
SJRDAH	Scandinavian Journal of Respiratory Diseases. (Munksgaard, 6 Norregade, DK-1165 Copenhagen K, Denmark) V.47- 1966-
SJUNAS	Scandinavian Journal of Urology and Nephrology. (Almqvist & Wiksell Periodical Co., POB 62, 26 Gamla Brogatan, S-101-20 Stockholm, Sweden) V.1- 1967-
SKEZAP	Shokuhin Eiseigaku Zasshi. Journal of the Food Hygiene Society of Japan. (Nippon Shokuhin Eisei Gakkai, c/o Kokuritsu Eisei Shikenjo, 18-1, Kamiyoga 1-chome, Setagaya-Ku, Tokyo, Japan) V.1- 1960-
SKIZAB	Shikoku Igaku Zasshi. Shikoku Medical Journal. (Tokushima Daigaku Igakubu, Kuramoto-cho, Tokushima, Japan) V.1- 1950-
SKKNAJ	Sankyo Kenkyusho Nempo. Annual Report of Sankyo Research Laboratories (Sankyo K.K. Chuo Kenkyusho, 1-2-58 Hiro-machi, Shinagawa-ku, Tokyo 140, Japan) No.15- 1963-
SKNEA7	Shionogi Kenkyusho Nempo. Annual Report of Shionogi Research Laboratory. (Shionogi Seiyaku K. K. Kenkyusho, 2-47 Sagisukami, Fukushima, Osaka, Japan) No.1- 1951-
SMDJAK	Scottish Medical Journal. (Longman Group Journal Division, 4th Ave., Harlow, Essex CM20 2JE, England) V.1- 1956-
SMEZA5	Sudebno-Meditsinskaya Ekspertiza. Forensic Medical Examination. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1- 1958-
SMJOAV	Southern Medical Journal. (Southern Medical Association, 2601 Highland Ave., Birmingham, AL 35205) V.1- 1908-
SMSJAR	Scottish Medical and Surgical Journal. (Edinburgh, Scotland) For publisher information, see SMDJAK
SMWOAS	Schweizerische Medizinische Wochenschrift. (Schwabe & Co., Steintorst 13, 4000 Basel 10, Switzerland) V.50- 1920-
SOGEBZ	Soviet Genetics. Translation of GNKAA5. (Plenum Publishing Corp., 233 Spring St., New York, NY 10013). V.2- 1966-
SOLGAV	Seminars in Oncology. (Grune & Stratton Inc., 111 Fifth Ave., New York, NY 10003) V.1- 1974-
SOMEAU	Sovetskaia Meditsina. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1- 1937-
SOVEA7	Southwestern Veterinarian. (College of Veterinary Medicine, Texas A & M University, College Station, TX 77843) V.1- 1948-
SPCOAH	Soap, Perfumery & Cosmetics. (United Trade Press, Ltd., 33 Bowling Green Lane, London EC1R0DA, England) V.8, No.7- 1935-
SPEADM	Special Publication of the Entomological Society of America. (4603 Calvert Rd., College Park, MD 20740) (Note that although the Registry cites data from the 1974 edition, this reference has been superseded by the 1978 edition.)
SPERA2	Sperimentale. (Universita degli Studi Piazza San Marco, 4, 50121 Florence, Italy) V.50- 1896-
SRCHAA	Search. (Science House, 157 Gloucester St., Sydney, N.S.W. 2000, Australia) V.1- 1970-
SRTCDF	Scientific Report. (Dr. C.R. Krishna Murti, Director, Industrial Toxicology Research Centre, Luchnow-226001, India) History unknown
SSCHAH	Soap and Sanitary Chemicals. (New York, NY) V.14-30, 1938-54. For publisher information, see SCCSC8
SSHZAS	Seishin Shinkeigaku Zasshi. (Nippon Seishin Shinkei Gakkai, c/o Toyo Bunko, 2-28-21, Honkomagome, Bunkyo-Ku, Tokyo 113, Japan) V.39- 1935-
SSINAV	Scientia Sinica. (Science Press, Peking, China) V.3, No.3- 1954-
SSSEAK	Studi Sassaresi, Sezione 2. (Societa Sassarese di Scienze Mediche e Naturali, Viale S, Pietro 12, I-07100 Sassari, Italy) V.42- 1964-
SSZBAC	Sbornik Vysoke Skoly Zemedelske v Brne, Rada B: Spisy Veterinarni. (Brno, Czechoslovakia) 1953-66. For publisher information, see AUAAB7
STBIBN	Studia Biophysica. (Akademie-Verlag GmbH, Liepziger Str. 3-4, DDR-108 Berlin, German Democratic Republic) V.1- 1966-
STCC**	Stauffer Chemical Company, Product Safety Information Sheets. (Stauffer Chemical Company, Agricultural Chemical Division, Westport, Connecticut 06880)
STEDAM	Steroids. (Holden-Day Inc., 500 Sansome St., San Francisco, CA 94111 V.1- 1963-
STEVA8	Science of the Total Environment. (Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam C, Netherlands) V.1- 1972-
STMEAV	Strasbourg Medical. (Strasbourg, France) V.1-20, 1950-69. For publisher information, see JMSTBR
STOAAT	Stomatologiia (Moscow). (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, USSR) V.1- 1923-
STRAAA	Strahlentherapie. (Urban & Schwarzenberg, Pattenkoferst 18, D-8000 Munich 15, Germany) V.1- 1912-
STRHAV	Staub-Reinhaltung der Luft. (VDI-Verlag GmbH, Postfach 1139, D-4000 Duesseldorf 1, Fed. Rep. Germany) V.26- 1966-

STSOAN	Sbornik Nauchnykh Trudov, Severo-Osetinskii Gosudarstvennyi Meditsinskii Institut. (The Institute, Tashkent, U.S.S.R.) No.1- 1948-
SUFOAX	Surgical Forum. (American College of Surgeons, 55E. Erie St., Chicago, IL 60611) V.1- 1950-
SUNCO*	Sun Company Material Safety Data Sheets. (1608 Walnut St., Philadelphia, PA 19103)
SURGAZ	Surgery. (C.V. Mosby Co., 11830 Westline Industrial Dr., St. Louis, MO 63141) V.1- 1937-
SURR**	Szechuan University Research Report, Natural Science. (Szechuan University, Szechuan, China) Number 2/3-1978-
SVLKAO	Sbornik Vedeckych Praci Lekarske Fakulty Univerzity Karlovy v Hradci Kralove. Collection of Scientific Works of the Charles University Faculty of Medicine in Hradec Kralove. (Univerzita Karlova, Ovocny Trh. 3, CS-116-36 Prague 1, Czechslovakia) V.1- 1958-
SWEHDO	Scandinavian Journal of Work, Environment and Health. (Haartmaninkatu 1, FIN-00290 Helsinki 29, Finland) V.1 1975-
SYHJAM	Saengyak Hakhoe Chi (Hanguk Saengyak Hakhoe). Journal of Pharmacognosy, Korean Pharmacognosy Society. (c/o Natural Products Research Institute, Seoul National University, 28 Yunkeon-dong, Chong-ro-ku, Seoul 110, S. Korea) V.9- 1978-
SYSWAE	Shih Yen Sheng Wu Hsueh Pao. (Guozi Shudian, China Publications Center, P.O. Box 399, Peking, Peoples Republic of China) V.1- 1953-
SZAPAC	Schweizerische Zietschrift fuer Allgemeine Pathologie und Bakteriologie. (White Plains, NY) V.1-3,1938-40; V.13-22, 1950- 1959. For publisher information, see ECEBDI
SZPMAA	Sozial-und Praeventivmedizin. (Art. Institut Orell Fuessli AG, Dietzingerstrasse 3, 8003 Zurich, Switzerland) V.19-1974-
TeiD##	Personal Communication to NIOSH from Dian Teigler, Director of Biological Reseacrch, Lee Pharmaceuticals, 1444 Santa Anita Ave., South El Monte, CA 91733, June 16, 1975
TobJS#	Personal Communication to the Editor, Toxic Substances List from Dr. J.S. Tobin, Director, Health and Safety, FMC Corporation, New York, NY 14103, November 9, 1973
TAFSAI	Transactions of the American Fisheries Society. (American Fisheries Society, 5410 Grosvenor Lane, Bethesda, Md 20014) V.1- 1870-
TAGTBR	Trudy Azerbaidzhanskogo Nauchno-Issledovatel'skogo Instituta Gigieny Truda i Professional'nykh Zabolevanii. Transactions of the Azerbaidzhan Scientific Research Institute of Labor Hygiene and Occupational Diseases. (The Institute, Baku, U.S.S.R.) No.1- 1966-
TAKHAA	Takeda Kenkyusho Ho. Journal of the Takeda Research Laboratories. (Takeda Yakuhin Kogyo K. K., 4-54 Juso-nishino-cho, Higashi Yodogawa-Ku, Osaka 532, Japan) V.29- 1970-
TAPPAP	Tappi. (Tappi, One Dunwoody Park, Atlanta, GA 30341) V.32- 1949-
TCMUDB	Teratogenesis, Carcinogenesis, and Mutagenesis. (Alan R. Liss, Inc., 150 Fifth Ave., New York, NY 10011) V.1-1980-
TDKNAF	Takeda Kenkyusho Nempo. Annual Report of the Takeda Research Laboratories. (Osaka, Japan) V.1-28, 1936-69. For publisher information, see TAKHAA
TEARAI	Terapevticheskii Archiv. Archives of Therapeutics. V/O Mezhdunarodnaya Kniga, Kuznetskii Most 18, Moscow G-200, USSR) V.1-19, 1923-41; V.20- 1948-
TELEAY	Tetrahedron Letters. (Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 OBW, England) 1959-
TFAAAB	Trudy Sektora Fiziologii, Akademiia Nauk Azerbaidzhanskoi, S.S.R. Transactions of the Dept. of Physiology, Academy of Sciences of the Azerbaidzhan, S.S.R. (Baku, U.S.S.R.) V.1-9, 1956-67. For publisher information, see TFZABW
TFAKA4	Trudy Instituta Fiziologii, Akademiya Nauk Kazakhskoi S.S.R. Transactions of the Institute of Physiology, Academy of Sciences of the Kazakh. S.S.R. (The Academy, Alma-Ata, U.S.S.R.) V.1- 1955-
TFZABW	Trudy Instituta Fiziologii, Akademiya Nauk Azerbaidzhanskoi S.S.R. Transactions of the Institute of Physiology, Academy of Sciences of the Azerbaidzhan S.S.R. (Akademiya Nauk Azerbaidzhanskoi S.S.R., Institut Fiziologii, Baku, U.S.S.R.) V.10- 1967-
TGANAK	Tsitologiya i Genetika. (v/o 'Mezhdunarodnaya Kniga', Kuznetskii Most 18, Moscow G-200, USSR) V.1- 1967-
TGMEAJ	Tropical and Geographical Medicine. (DeErven F. Bohn NV, Box 66, Harlem, Netherlands) V.10- 1958-
TGNCDL	'Handbook of Organic Industrial Solvents,' 2nd ed., Chicago, IL, National Association of Mutual Casualty Companies, 1961
THAGA6	Theoretical & Applied Genetics. (Spinger Verlag New York, Inc., Service Center, 44 Hartz Way, Secaucus, NJ 07094) V.38- 1968-
THBRAA	Thrombosis Research. (Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523) V.1- 1972-
THERAP	Therapie. (Doin, Editeurs, 8 Place de l'Odeon, Paris 6, France) V.1- 1946-
THEWA6	Therapiewoche. (G. Braun GmbH, Postfach 1709, 7500 Karlsruhe 1, Fed. Rep. Germany) V.1- 1950-
THGEAU	Therapie der Gegenwart. (Urban & Schwarzenberg, Pettenkoferstr. 18, D-8000 Munich 2, Federal Republic of Germany) V.36-85, 1895-1944; V.86- 1946-
THGNBO	Theriogenology. (Geron-X, Inc., P.O. Box 1108, Los Altos, CA 94022) V.1- 1974-
THHUAF	Therapia Hungarica. (Akademiai Kiado, POB 24, Budapest 502, Hungary) V.1- 1953-
THMOAM	Therapeutische Monatshefte. (Berlin, Germany) V.1-33, 1887-1919. For publisher information, see KLWOAZ
THORA7	Thorax. (British Medical Association, Travistock Square, London WC1H 9JR, England) V.1- 1946-
THUMAM	Therapeutische Umschau, Revue Therapeutique. (Hans Huber, Laenggstrasse 76, 3000 Bern 9, Switzerland) V.1-1944-
TIEUA7	Tieraerztliche Umschau. (Terra-Verlag, Neuhauser. Str. 21, 7750 Constance, Germany) V.1- 1946-
TIUSAD	Tin & Its Uses. (Tin Research Institute, 483 W. 6th Ave., Columbus, OH 43201) No.1- 1939-
TIVSAI	Trudy, Vsesoyuznyi Nauchno-Issledovatel'skii Institut Veterinarnoi Sanitarii. Transactions, All-Union. Scientific Research Institute of Veterinary Sanitation. (The Institute, Moscow, U.S.S.R.) V.11- 1957-
TIYADG	Tianjin Yiyao. Tianjin Medical Journal. (Guoji Shudian, China Publications Center, POB 399, Peking, China) V.1-1973-
TJADAB	Teratology, A Journal of Abnormal Development. (Wistar Institute Press, 3631 Spruce St., Philadelphia, PA 19104) V.1- 1968-
TJEMAO	Tohoku Journal of Experimental Medicine. (Maruzen Co., Export Dept., P.O. Box 5050, Tokyo Int., 100-31 Tokyo, Japan) V.1- 1920-

BEST COPY

TJEMDR	Tokai Journal of Experimental and Clinical Medicine. (Tokai University Press, Shinjuku Tokai Bldg., 3-27-4 Shinjuku-Ku, Tokyo 160, Japan) V.1- 1976-
TJIDAH	Tokyo Jikeikai Ika Daigaku Zasshi. Tokyo Jikeikai Medical Journal. (3-25-8, Nishi Shinbashi, Minato-ku, Tokyo, Japan) V.66- 1951-
TJIZAF	Tokyo Joshi Ika Daigaku Zasshi. Journal of Tokyo Women's Medical College. (Society of Tokyo Women's Medical College, c/o Tokyo Joshi Ika Daigaku Toshokan, 10, Kawada-cho, Shinjuku-ku, Tokyo 162, Japan.) V.1- 1931-
TJSGA8	Tijdschrift Voor Sociale Geneeskunde. (B.V. Uitgeversmaatschappij. Reflex, Mathenesserlaan 310, Rotterdam 3003, Netherlands) V.1- 1923-
TKIZAM	Tokyo Igaku Zasshi. Tokyo Journal of Medical Sciences. (Tokyo Igakkai, Tokyo Daigaku Ishikai, c/o Tokyo Daigaku Igakubu Toshokan, 7-3-1, Hongo, Bunkyo-ku, Tokyo, Japan) V.1- 1887-
TKORAS	Trudy Kazakhskogo Nauchno-Issledovatel'skogo Instituta Onkologii i Radiologii. (The Institute, Alma-Ata, U.S.S.R.) V.1- 1965-
TMPBAX	Trudy Moskovskogo Obshchestva Ispytatelei Prirody. Transactions of the Moscow Society of Naturalists. (Moskovskoe Obshchestvo Ispytaltelei, Prirody, Moscow, USSR) V.1- 1951-
TMPRAD	Tropenmedizin und Parasitologie. (Georg Thieme Verlag, Postfach 732, Herdweg 63, 7000 Stuttgart, Germany) V.25- 1974-
TNEOAO	Transactions of the New England Obstetrical and Gynecological Society. (Publisher unknown)
TNICS*	Toxicology of New Industrial Chemical Substances. (U.S.S.R. Academy of Medical Sciences, Moscow--Meditsina)
TNNPA4	Trudy, Nauchno-Issledovatel'skii Institut Neftekhimicheskikh Proizvodstv. Transactions, Scientific Research Institute of the Manufacture of Petrochemicals. (The Institute, Moscow, U.S.S.R.) No.1- 1969-
TOANDB	Toxicology Annual. (Marcel Dekker, POB 11305, Church St. Station, New York, NY 10249) 1974/75-
TOERD9	Toxicological European Research. (Editions Ouranos, 12 bis, rue Jean-Jaures, 92807 Puteaux, France) V.1- 1978-
TOHJAV	Tongmul Hakhoe Chi. Korean Journal of Zoology. (Zoological Society of Korea, c/o Department of Zoology, College of Natural Science, Seoul National University, Seoul 151, South Korea) V.1- 1958-
TOIZAG	Toho Igakkai Zasshi. Journal of Medical Society of Toho University. (Toho Daigaku Igakubu Igakkai, 5-21-16, Omori, Otasku, Tokyo, Japan) V.1- 1954-
TOLED5	Toxicology Letters. (Elseveir Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands) V.1- 1977-
TOPADD	Toxicologic Pathology. (E.I. du Pont de Nemours Co., Inc., Elkton Rd., Newark, DE 19711) V.6(3/4)- 1978-
TOSUAH	Transactions of the Ophthalmological Societies of the United Kingdom. (Churchill-Livingstone Inc., 19 W. 44th St., New York, NY 10036) V.1- 1880-
TOXIA6	Toxicon. (Pergamon Press, Headington Hill Hall, Oxford OX3 OBW, England) V.1- 1962-
TOXID9	Toxicologist. (Society of Toxicology, Inc., 475 Wolf Ledge Parkway, Akron, OH 44311) V.1- 1981-
TPFIAP	Trudy Permskogo Farmatsevticheskogo Instituta. Transactions of the Perm Pharmaceutical Institute. (The Institute, Perm, U.S.S.R.) No.1- 1959-
TPHSDY	Trends in Pharmacological Sciences. (Elsevien North Holland, Inc., 52 Vanderbilt Ave., New York, NY 10017) V.1- 1979-
TPKVAL	Toksikologiya Novykh Promyshlennykh Khimicheskikh Veshchestv. Toxicology of New Industrial Chemical Sciences. (Akademiya Meditsinskikh Nauk S.S.R., Moscow, U.S.S.R.) No.1- 1961-
TRBMAV	Texas Reports on Biology and Medicine. (Texas Reports, University of Texas Medical Branch, Galveston, TX 77550) V.1- 1943-
TRENAF	Tokyo-toritsu Eisei Kenkyusho Kenkyu Nempo. Annual Report of Tokyo Metropolitan Research Laboratory of Public Health. (24-1, 3 Chome, Hyakunin-cho, Shin-Juku-Ku, Tokyo, Japan) V.1- 1949/50-
TRIPA7	Tin Research Institute, Publication. (The Institute, Fraser Rd., Greenford UB6 7AQ, Middlesex, England) No.1- 1934-
TRPLAU	Transplantation. (Williams & Wilkins, Co., 428 E. Preston St., Baltimore, MD 21202) V.1- 1963-
TRSEAO	Transactions of the Royal Society of Edinburgh. (The Society, 22 George St., Edinburgh EH2 2PQ, Scotland) V.1- 1783-
TRSTAZ	Transactions of the Royal Society of Tropical Medicine and Hygiene. (The Society, Manson House, 26 Portland Pl., London W1N 4EY, England) V.14- 1920-
TSITAQ	Tsitologiya. Cytology. (v/o 'Mezhdunarodnaya Kniga', Kuznetskii Most 18, Moscow G-200, USSR) V.1 1959-
TUBEAS	Tubercle. (Williams & Wilkins, 428 E. Preston Street, Baltimore, MD 21202) V.1- 1919-
TUMOAB	Tumori. (Casa Editrice Ambrosiana, Via G. Frua 6, 20146 Milan. Italy) V.1- 1911-
TVLAA5	Trudy Vsesoyuznogo Nauchno-Issledovatel'skogo Instituta Lekarstvennykh Rastenii. Transactions of the All-Union Scientific Research Institute of Medicinal Plants. (Vsesoyuznyi Nauchno-Issledovatel'skii Institut Lekarstvennykh Rastenii, Bittsa, U.S.S.R.) No.5- 1936-
TWHPA3	Tung Wu Hsueh Pao. Journal of Zoology. (Guozi Shudian, China Publications Center, POB 399, Peking, Peop. R. China) V.1- 1949-
TXAPA9	Toxicology and Applied Pharmacology. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1959-
TXCYAC	Toxicology. (Elsevier/North-Holland Scientific Publishers Ltd., 52 Vanderbilt Ave., New York, NY 10017) V.1- 1973-
TXMDAX	Texas Medicine. (Texas Medical Assoc., 1905 N. Lamar Blvd., Austin, TX 78705) V.60- 1964-
TYKNAQ	Tohoku Yakka Daigaku Kenkyu Nempo. Annual Report of the Tohoku College of Pharmacy. (77, Odawara Minamikotaku, Hara-machi, Sendai, Japan) No.10- 1963-
UsuT##	Personal Communication from Dr. Tetsuao Usui, Teilcoku Hormone Mfg. Co. Ltd., 1604 Shimosakunobe Takatsu-ku, Kawasaki, Japan, to Jenny Fang, Tracor Jitco, Inc., June 29, 1979
UBZHAZ	Ukrains'kii Biokhimichnii Zhurnal. Ukranian Biochemical Journal. (Kiev, USSR) V.18-49, 1946-77. For publisher information, see UBZHD4
UBZHD4	Ukrainskii Biokhimicheskii Zhurnal. Ukranian Biochemical Journal. U/0 Mezhdunarodnaya Kniga, Kuznetskii Most 18, (Moscow G-200, USSR) V.50- 1978-
UCDS**	Union Carbide Data Sheet. (Industrial Medicine & Toxicology Dept., Union Carbide Corp., 270 Park Ave., New York, NY 10017)
UCMH**	Union Carbide Manual Hazard Sheet. (Industrial Medicine & Toxicology Dept., Union Carbide Corp., 270 Park Ave., New York, NY 10017)
UCPHAQ	University of California, Publications in Pharmacology. (Berkeley, CA) V.1-3, 1938-57. Discontinued.

UCREAR	Urologic and Cutaneous Review. (St. Louis, MO) V.17-56, 1913-52. Discontinued.
UCRR**	Union Carbide Research Report. (Union Carbide Corp., Old Ridgebury Rd., Danbury, CT 06817)
UGLAAD	Ugeskrift for Laeger. (Almindelige Danske Laegeforening, Kristianiagade 12A, 2100 Copenhagen, Denmark) V.1- 1839-
UICMAI	UICC Monograph Series. (Springer Verlag New York, Inc., Service Center, 44 Hartz Way, Secaucus, NJ 07094)
UJMSAP	Upsala Journal of Medical Sciences. (Almqvist and Wiksell, Periodical Co., POB 62, 26 Gamla Brogatan, S-101, 20 Stockholm, Sweden) V.77- 1972-
UMCAAA	Union Mediale du Canada. (Union Medical du Canada, 1440 ouest rue Sainte-Catherine, Montreal H3G 2P9, Quebec, Canada) V.1- 1872-
UMGEA8	Uchenye Zapiski, Moskovskii Nauchno-Issledovatel'skii Institut Gigieny. Scientific Papers, Moscow Scientific Research Institute of Hygiene. (Moscow, U.S.S.R.) No.1-11, 1959-63. Discontinued.
UMJOAJ	Ulster Medical Journal. (Ulster Medical Society, Belfast City Hospital, Belfast BT9 7AD, N. Ireland) V.1- 1932-
UNDRA5	Unlisted Drugs. (Pharmaco-Medical Documentation, Inc., Box 401, 205 Main St., Chatham, NJ 07928) V.1- 1949-
UPJOH*	'Compounds Available for Fundamental Research, Volume II-6, Antibiotics, A Program of Upjohn Company Research Laboratory.' (Kalamazoo, MI 49001)
URLRA5	Urological Research. (Springer Verlag New York, Inc., Service Center, 44 Hartz Way, Secaucus, NJ 07094) V.1- 1973-
UROTAQ	Urologia. (Libreria Editrice Canova, Via Panciera, 3b, 31100 Treviso, Italy) V.1- 1934-
USBCC*	U. S. Borax and Chemical Company Reports. (New York, NY)
USXXAM	United States Patent Document. (Commissioner of Patents and Trademarks, Washington, DC 20231)
UZBZAZ	Uzbekskii Biologicheskii Zhurnal. (V/O Mezhdunarodnaya Kniga, Kuznetskii Most 18, Moscow G-200, USSR) No. 1- 1958-
VAAPB7	Virchows Archiv, Abteilung A: Pathologische Anatomie. (Berlin, Germany) V.344-361, 1968-73. For publisher information, see VAPHDQ
VAAZA2	Virchows Archiv, Abteilung B: Zellpathologie, Cell Pathology. (Springer-Verlag, Heidelberger Pl. 3, D-1 Berlin 33, Germany) V.1- 1968-
VABBA3	Vestsi Akademii Navuk BSSR, Seryya Biyalagichnykh Navuk. Proceedings of the Academy of Sciences of the Belorussian SSR, Biological Sciences Series. (V/O 'Mezhdunarodnaya Kniga', Kuznetskii Most 18, Moscow G-200, U.S.S.R.) No.1- 1956-
VAMNAQ	Vestnik Akademii Meditsinskikh Nauk S.S.S.R. Journal of the Academy of Medical Sciences of the U.S.S.R. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1- 1946-
VAPHDQ	Virchows Archiv, Abteilung A: Pathological Anatomy and Histology. (Springer-Verlag, Heidelberger pl.3, D-1 Berlin. 33, Germany) V.362- 1974-
VCTDC*	Vanderbilt, R.T., Co., Technical Data Sheet. (230 Park Ave., New York, NY 10017)
VDGIA2	Verhandlungen der Deutschen Gesellschaft fuer Innere Medizin. (J.F. Bergmann Verlag, Trogerstrasse 56, 8000 Munich 80, Federal Republic of Germany) V.33-52, 1921-40; V.54- 1948-
VDGPAN	Verhandlungen der Deutschen Pathologischen Gesellschaft. (Gustav Fischer Verlag, Postfach 53, Wollgrasweg 49, 7000 Stuttgart-Hohenheim, Germany) V.1- 1898-
VDVEAV	Vestnik Dermatologii i Venerologii. Journal of Dermatology and Venereology. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) No.1- 1932-
VEARA6	Veterinarski Arhiv. (Jugoslovenska Knjiga, P.O. Box 36, Terazije 27, 11001, Belgrade, Yugoslavia) V.1- 1931-
VELPB*	Velsicol Chemical Corporation, Product Bulletin. (341 E. Ohio St., Chicago, IL 60611)
VETNAL	Veterinariya. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1- 1924-
VETRAX	Veterinary Record. (7 Mansfield St., London, W1M 0AT, England) V.1- 1888-
VHAGA5	Verhandlungen der Anatomischen Gesellschaft. (VEB Gustav Fischer, Postfach 176, DDR-69 Jena, E. Germany) V.1- 1887-
VHTODE	Veterinary and Human Toxicology. (American College of Veterinary Toxicologists, Office of the Secretary-Treasurer, Comparative Toxicology Laboratory, Kansas State University, Manhatten, Kansas 66506) V.19- 1977-
VIHOAQ	Vitamins and Hormones. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1943-
VIRLAX	Virology. (Academic Press, 111 Fifth Ave. New York, NY 10003) V.1- 1955-
VKMGA7	Voprosy Kommunal'noi Gigieny. Problems of Communal Hygiene. (Kiev, U.S.S.R.) V.1-6, 1963-66. For publisher information, see GNAMAP
VMDNAV	Veterinarno-Meditsinski Nauki. (Hemus, Blvd. Russki 6, Sofia, Bulgaria) V.1- 1964-
VMEZA4	Voenno-Meditsinskii Zhurnal. Journal of Military Medicine. (V/O Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, USSR) 1944-
VOONAW	Voprosy Onkologii. Problems of Onkology. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1- 1955-
VPITAR	Voprosy Pitaniya. Problems of Nutrition. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1- 1932-
VRDEA5	Vrachebnoe Delo. Medical Profession. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) No.1- 1918-
VRRAAT	Vestnik Rentgenologii i Radiologii. Bulletin of Roentgenology and Radiology. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1- 1920-
VTPHAK	Veterinary Pathology. (S. Karger AG, Postfach CH-4009 Basel, Switzerland) V.8- 1971-
VVIRAT	Voprosy Virusologii. (V/O Mezhdunarodnaya Kniga, Kuznetskii Most 18, Moscow G-200, USSR) V.1- 1956-
WolMA#	Personal Communication to Henry Lau, Tracor Jitco, Inc., from Mark A. Wolf, Dow Chemical Co., Midland, MI 48640
WADTAA	Wright Air Development Center, Technical Report, U. S. Air Force. (Wright-Patterson Air Force Base, OH 45433)
WATRAG	Water Research. (Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England) V.1- 1967-
WBEMAZ	Wissenschaftliche Berichte E. Merck. (E. Merch AG, Darmstadt, Germany) No.1-6, 1960-71. Discontinued.
WDMBAM	Wadley Medical Bulletin. (Dallas, TX) V.1-5, 1970-75. For publisher information, see JCHODP
WEHRBJ	Work, Environment, Health. (Helsinki, Finland) V.1-11, 1962-74. For publisher information, see SWEHDO

WHOTAC	World Health Organization, Technical Report Series. (1211 Geneva, 27, Switzerland) No.1- 1950-
WILEAR	Wiadomosci Lekarskie. (Ars Polona-RUSH, POB 1001, P-00068 Warsaw 1, Poland) V.1- 1948-
WIMJAD	West Indian Medical Journal. (West Indian Medical Journal, University of the West Indies, Faculty of Medicine, Kingston 7, Jamaica) V.1- 1951-
WIPAAZ	Wiadomosci Parazytologiczne. Parasitological News. (Ars Polona-RUCH, PB01001, 00-068 Warsaw 1, Poland) V.1-1955-
WJMDA2	Western Journal of Medicine. (California Medical Assoc., 731 Market St., San Francisco, CA 94103) V.120- 1974-
WJSUDI	World Journal of Surgery. (Springer-Verlag New York, Inc. Service Center, 44 Hartz Way, Secaucus, NJ 07094) V.1- 1978-
WKWOAO	Wiener Klinische Wochenschrift. (Springer-Verlag, Postfach 367, A-1011 Vienna, Austria) V.1- 1888-
WMHMAP	Wissenschaftliche Zeitschrift der Martin-Luther Universitaet, Halle- Wittenberg, Mathematisch-Naturwissenschaftliche Reihe. (Deutsche Buch-Export und-Import GmbH, Leninstr. 16, 701 Leipzig, E. Germany) V.1- 1951-
WMWOA4	Wiener Medizinische Wochenschrift. (Brueder Hollinek, Gallgasse 40A, A-1130 Vienna, Austria) V.1- 1851-
WQCHM*	'Water Quality Characteristics of Hazardous Materials,' W. Hann, and P.A. Jensen, Environmental Engineering Division, Civil Engineering Department Texas A & M University, Volumes 1-4, 1974
WRPCA2	World Review of Pest Control. (London, England) V.1-10, 1962-71. Discontinued.
WYCCO*	Wyandotte Chemicals Corporation Reports. (Wyandotte, MI)
XENOBH	Xenobiotica. (Taylor & Francis Ltd., 4 John St., London WC1N 2ET, England) V.1- 1971-
XEURAQ	U. S. Atomic Energy Commission, University of Rochester, Research and Development Reports. (Rochester, NY)
XHWBA9	U. S. Department of Health, Education and Welfare, Office of Education, Bulletin. (Washington, DC)
XIMMAX	U. S. Department of the Interior, Bureau of Mines, Monographs. (Washington, DC)
XPHBAO	U. S. Department of Health, Education and Welfare, Public Health Service, Public Health Bulletin. (Washington, DC)
XPHCI*	U. S. Department of Health, Education and Welfare, Public Health Service, Current Intelligence Bulletin. (National Institute for Occupational Safety and Health, 5600 Fishers Lane, Rockville, MD 20857)
XPHFAW	U. S. Department of Health, Education, and Welfare. Public Health Service Publication. (U. S. Government Printing Office, Supt. of Doc. Washington, DC 20402) No.1- 1950-
YACHDS	Yakuri To Chiryo. Basic Pharmacology and Therapeutics. (Raifu Saiensu Pub. Co., 5-3-3 Yaesu, Chuo-Ku, Tokyo 104, Japan) V.1- 1972-
YAHOA3	Yakhak Hoeji. Journal of the Pharmaceutical Society of Korea. (Seoul Taehakkyo Yakhak Taehak, 28 YonGondong, Chongnogu, Seoul, S. Korea) V.1-1956(?)-
YAKUD5	Gekkan Yakuji. Pharmaceuticals Monthly. (Yakugyo Jihosha, Inaoka Bldg., 2-36 Jinbo-cho, Kandu, Chiyoda-ku, Tokyo 101, Japan) V.1- 1959-
YFZADL	Yaowu Fenxi Zazhi. Journal of Pharmaceutical Analysis. (Guoji Shudian, POB 2820, Peijing, Peop. Rep. China) V.1- 1981-
YHHPAL	Yao Hsueh Hsueh Pao. Acta Pharmaceutica Sinica. (Chung-kuo Yao Hsueh Hui, 1 Hsien Nung T'an Chieh, Peking, Peoples Republic of China) V.1- 1953-
YHTPAD	Yao Hsueh T'ung Pao. Bulletin of Pharmacology. (Peking, People's Republic of China) V.1- 1953-
YIKUAO	Yamaguchi Igaku. (Yamaguchi Daigaku Igakkai, Kogushi Ube, Yamaguchi-Ken 755, Japan) V.1- 1953-
YJBMAU	Yale Journal of Biology and Medicine. (The Yale Journal of Biology and Medicine, Inc., 333 Cedar Street, New Haven, Connecticut 06510) V.1- 1928-
YKGKAM	Yukagaku. Journal of Japan Oil Chemists' Society. (Nippon Yukagaku Kyokai, c/o Yushi Kogyo Kaigan, 3-13-11 Nihonbashi Chuo-Ku, Tokyo, Japan) V.5- 1956-
YKIGAK	Yokohama Igaku. (Yokohama-Shiritsu Daigaku Igakkai, 2-33 Urafune-cho, Minami-Ku, Yokohama 232, Japan) V.1- 1948-
YKKKA8	Yakugaku Kenkyu. Japanese Journal of PHarmacy and Chemistry. (Osaka, Japan) V.1-39, 1929-68. Discontinued.
YKKZAJ	Yakugaku Zasshi. Journal of the Pharmaceutical Society of Japan. (Nippon Yakugakkai, 12-15-501, Shibuya 2-chome, Shibuya-Ku, Tokyo 150, Japan) No.1- 1881-
YKRYAH	Yakubutsu Ryoho. Medicinal Treatment. (Iji Nipposha, Kamiya Bldg., 4-11-7 Hatchobori, Chuo-Ku, Tokyo 104, Japan) V.1- 1968-
YMBUA7	Yokohama Medical Bulletin. (Npg. Yokohama Ika Daigaku, Urafune-cho, Minato-ku, Yokohama, Japan) V.1- 1950-
YOIZA3	Yonago Igaku Zasshi. Journal of the Yonago Medical Association. (c/o Tottori Daigaku Igakubu, Nishi-machi, Yonago, Japan) V.1- 1948-
YOMJA9	Yonsei Medical Journal. (Yonsei University College of Medicine, P.O. Box 71, Seoul, S. Korea) V.1- 1960-
YRTMA6	Yonsei Reports on Tropical Medicine. (Yonsei University, Institute of Tropical Medicine, Box 17, Seoul, South Korea) V.1- 1970-
ZollH##	Personal Communication from H. Zollner, Institut fur Biochemie, Der Universitat, Gras, to H. Lau, Tracor Jitco, Inc., October 23, 1975
ZAARAM	Zentralblatt fuer Arbeitsmedizin und Arbeitsschutz. (Dr. Dietrich Steinkopff Verlag, Saalbaustr 12,6100 Darmstadt, Germany) V.1- 1951-
ZACCAL	Zacchia. Archivio di Medicina Legale, Sociale e Criminologica. Zacchia. Archives of Forensic, Social and Criminological Medicine. (Zacchia, Viale Regina Elena 336, Rome 00161, Italy) V.1- 1921-
ZAENAU	Zeitschrift fuer Anatomie undd Entwicklungsgeschichte. (Berlin, Germany) V.60-145, 1921-74.
ZANZA9	Zeitschrift Angewandte Zoologie. (Duncker und Humblot, Postfach 410329, D-1000 Berlin 41, Fed. Rep. Germany) V.41- 1954-
ZAPOAK	Zeitschrift fuer Allgemeine Mikrobiologie. Morphologie, Physiologie, Genetik und Oekologie der Mikroorganismen. (Akademie-Verlag GmbH, Liepziger Str. 3-4, DDR-108 Berlin, German Democratic Republic) V.1-1960-
ZAPPAN	Zentralblatt fuer Allgemeine Pathologie und Pathologische Anatomie. (VEB Gustav Fischer Verlag, Postfach 176, Villengang 2, 69 Jena, E. Germany) V.1-1890-
ZBPHA6	Zentralblatt fuer Bakteriologie, Parasitenkunde, Infektionskrankheiten und Hygiene, Abteilung I: Medizinisch-Hygienische Bakteriologie, Virusforschung und Parasitologie, Originale. (Stuttgart, Federal Republic of Germany) V.31-151, 1902-45; V.152-216, 1947-71. For publisher information, see ZMMPAO

ZBPIA9	Zentralblatt fuer Bakteriologie, Parasitenkunde, Infektionsknankheiten und Hygiene, Abteilung II. Naturwissenschaftliche: Allgemeine, Landwirtschaftliche und Technische Miknobiologie. (VEB Gustav Fischer Verlag, Postfach 176, DDR-69 Jena, Ger. Dem. Rep.) V.107-132, 1952-77.
ZBPMAL	Zentralblatt fuer Pharmazie. (Nurenburg, Germany) V.1-29, 1904-33. Discontinued.
ZDBEA9	Zdravookhranenie Belorussii. Public Health Service of White Russia. (v/o 'Mezhdunarodnaya Kniga', Kuznetskii Most 18, Moscow G-200, USSR) V.1- 1955-
ZDKAAB	Zdravookhranenie Kazakhstana. Public Health of Kazakhstan. (V/O 'Mezhdunarodnaya Kniga', Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1- 1941-
ZDVEA7	Zdravstveni Vestnik. Medical Journal. (Jugoslovenska Knjiga, POB 36, Terazije 27, YU-11001 Belgrade, Yugoslavia) V.15- 1946-
ZDVKAP	Zdravookhranenie. Public Health. (v/o 'Mezhdunarodnaya Kniga', Kuznetskii Most 18, Moscow G-200, USSR) V.1- 1958-
ZEBLAS	Zeitschrift fuer Biologie. (Munich, Germany) V.1-116, 1865-1971. Discontinued.
ZECHAU	Zentralblatt fuer Chirurgie. (Johann Ambrosius Barth Verlag, Salomonstr. 18b, 701 Leipzig, E. Germany) V.1- 1874-
ZEKBAI	Zeitschrift fuer Krebsforschung. (Berlin, Germany) V.1-75, 1903-71. For publisher information, see JCROD7
ZEKIA5	Zeitschrift fuer Kinderheilkunde. (Springer-Verlag, Heidelberger, Pl. 3, D-1 Berlin 33, Germany) V.1- 1910-
ZENBAX	Zeitschrift fuer Naturforschung, Ausgabe B, Chemie, Biochemie, Biophysik, Biologie und Verwandten Gebieten. (Verlag der Zeitschrift fuer Naturforschung, Postfach 2645, D-7400, Tuebingen, Federal Republic of Germany) V.2- 1947-
ZEPHAR	Zentralblatt fuer Physiologie. (Leipzig, E. Germany) V.1-34, 1887-1921. For publisher information, see PFLABK
ZEPRAN	Zeitschrift fuer Praeventivmedizin. (Zurich, Switzerland) V.1-13, 1956-68. For publisher information, see SZPMAA
ZEPTAT	Zeitschrift fuer Experimentelle Pathologie und Therapie. (Berlin, Germany) V.1-22, 1905-21. For publisher information, see REXMAS
ZERNAL	Zeitschrift fuer Ernaehrungswissenschaft. (Steinkopff Verlag, Postfach 1008, 6100 Darmstadt, Germany) V.1- 1960-
ZEVBAS	Zeitschrift fuer Verebungslehre. (Springer-Verlag, Heidelberger Pl.3, D-1 Berlin 33, Germany) V.89-98, 1958-66.
ZEXCAI	Zeitschrift fuer Experimentelle Chirurgie. (VEB Verlag Volk und Gesundheit, Neue Gruenstr 18, 102 Berlin, E. Germany) V.1- 1968-
ZGASAX	Zeitscrift fuer Gastroenterologie. (Karl Demeter Verlag und Anzeigen-Verwaltung, Wuermstr 13, 8032 Graefelfing/Munich, Federal Republic of Germany) V.1- 1963-
ZGEMAZ	Zeitschrift fuer die Gesamte Experimentelle Medizin. (Berlin, Germany) V.1-139, 1913-65. For publisher information, see REXMAS
ZGHEAQ	Zentralblatt fuer die Gesamte Hygiene mit Einschluss der Bakteriologie und Immunitaetslehre. (Berlin, Germany) V.20-52, 1929-44. Discontinued.
ZGHGAW	Zentralblatt fuer die Gesamte Hygiene und Ihre Grenzgebiete. (Berlin, Germany) V.1-19, 1922-29. Discontinued
ZGIMAL	Zeitschrift fuer die Gesamte Innere Medizin und Ihre Grenzgebiete. (VEB Georg Thieme, Hainst 17/19, Postfach 946, 701 Leipzig, E. Germany) V.1- 1946-
ZGMOBE	Zeitschrift fuer Gerichtliche Medizin. (Vienna, Austria)
ZGSHAM	Zeitschrift fuer Gesundheitstechnik und Staedtehygiene. (Berlin, Germany) V.21-27, 1929-35. For publisher information, see ZANZA9
ZHINAV	Zeitschrift fuer Hygiene und Infektionskrankheiten. (Berlin, Germany) V.11-151, 1892-1965. For publisher information, see MMIYAO
ZHPMAT	Zentrablatt fuer Bakteriologie, Parasitenkunde, Infektionskrankran- heiten und Hygiene, Abteilung 1: Originale, Reihe B: Hygiene, Praeventive Medizin. (Gustav Fischer Verlag, Postfach 72-01-43, D-7000 Stuttgart 70, Fed. Rep. Germany) V.155- 1971-
ZHYGAM	Zeitschrift fuer die Gesamte Hygiene und Ihre Grenzgebiete. (VEB Georg Thieme, Hainst 17/19, Postfach 946, 701 Leipzig, E. Germany) V.1- 1955-
ZIEKBA	Zeitschrift fuer Immunitaetsforschung, Experimentelle und Klinische Immunologie. (Fischer, Gustav, Verlag, Postfach 53, Wollgrasweg 49, 7000 Stuttgart-Hohenheim, Germany) V.141- 1970-
ZIETA2	Zeitschrift fuer Immunitaetsforschung und Experimentelle Therapie. (Stuttgart, Germany) 1924-V.124, 1962. For publisher information, see ZIEKBA
ZKCGAZ	Zeitschrift fur Kinderchirurgie und Grenzgebiete. (Hippokrates Verlag, Postfach. 593, D-7000 Stuttgart 1, Fed. Rep. Germany) V.1- 1957(?)-
ZKKOBW	Zeitschrift fuer Krebsforschung und Klinische Onkologie. (Berlin, Germany) V.76-92, 1971-78. For publisher information, see JCROD7
ZKMAAX	Zhurnal Eksperimental'noi i Klinicheskoi Meditsiny, Akademiia Nauk Armianskoi S.S.R. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.2- 1962-
ZKMEAB	Zeitschrift fuer Klin Medicine. (Berlin, Germany) V.1-158, 1879-1965. For publisher information, see EJCIB8
ZLUFAR	Zeitschrift fuer Lebensmittel-Untersuchung und-Forschung. (Springer- Verlag, Heidelberger, Pl. 3, D-1 Berlin 33, Germany) V.86- 1943-
ZMEIAV	Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.14- 1935-
ZMMPAO	Zentralblatt fuer Bakteriologie, Parasitenkunde, Infektionskrankheiten und Hygiene, Abteilung 1: Originale, Reihe A: Medizinische Mikrobiologie und Parasitologie. (Gustav Fischer Verlag, Postfach 72-01-43, D-7000 Stuttgart 70, Fed. Rep. Germany) V.217- 1971-
ZMOAAN	Zeitschrift fuer Morphologie und Anthropologie. (Schweizerbart Verlagsbuchhandlung, Johannesst 3A, D-7000, Stuttgart 1, Germany) V.1- 1899-
ZMWIAJ	Zentralblatt fuer die Medizinischen Wissenschaften. (Berlin, Germany)
ZNCBDA	Zeitschrift fuer Naturforschung, Section C: Biosciences. (Verlag der Zeitschrift fuer Naturforschung, Postfach 2645, D-7400 Tuebingen, Federal Republic of Germany) V.29C- 1974-
ZNTFA2	Zeitschrift fuer Naturforschung. (Wiesbaden, Federal Republic of Germany) V.1, No.1-12 1946. For publisher information, See ZENBAX
ZOBIAU	Zhurnal Obshchei Biologii. Journal of General Biology. (V/O 'Mezhdunarodnaya Kniga', Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.1- 1940-
ZPPLBF	Zentralblatt fuer Pharmazie, Pharmakotherapie und Laboratoriums- diagnostik. (VEB Verlag Volk und Gesundheit, Neue Gruenstr 18, 102 Berlin, E. Germany) V.109- 1970-

BEST COPY A

ZRMDAN	Zeitschrift fuer Rechtsmedizin. (Springer-Verlag, Heidelberger, Pl. 3, D-1 Berlin 33, Germany) V.67- 1970-
ZSNUAI	Zeitschrift fuer Neurologie. (Berlin) V.198-206, 1970-74.
ZSRSBX	Zashchita Rastenii (Moscow). Plant Protection. (v/o 'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.11- 1966-
ZTMPA5	Zeitschrift fuer Tropenmedizin und Parasitologie. (Stuttgart, Germany) V.1-24, 1949-73. For publisher information, see TMPRAD
ZUBEAQ	Zeitschrift fuer Unfallmedizin und Berufskrankheiten. (Revue de Medecine des Accidents et des Maladies Professionelles. (Verlag Berichthaus, Zwingliplatz 3, Postfach, CH-8022, Zurich, Switzerland) V.1- 1907-
ZVKOA6	Zhurnal Vsesoyuznogo Khimicheskogo Obshchestva Imeni D.I. Mendeleeva. Journal of the D.I. Mendeleeva All-Union Chemical Society. (v/o'Mezhdunarodnaya Kniga,' Kuznetskii Most 18, Moscow G-200, U.S.S.R.) V.5- 1960-
ZVRAAX	Zentralblatt fuer Veterinaermedizin, Reihe A. (Paul Parey, Linderst 44-47, 1000 Berlin 61, Germany) V.10- 1963-
ZZACAG	Zeitschrift fuer Zellforschung und Mikroskopische Anatomie. (Berlin, Fed. Rep. Ger.) V.1-147, 1924-73 For publisher information, see CTSRCS
1GSBDO	Proceedings of the Academy of Sciences of the Georgian SSR, Biological
11FYAN	'Fluorine Chemistry, Volume III. Biological Effects of Organic Fluorides,' J.H. Simons, ed., New York, Academic Press, 1963
13BYAH	'Morphological Precursors of Cancer,' ed. Lucio Severi, Proceedings of an International Conference, Universita Degli Studi, Perugia, Italy, June 26-30, 1961, Perugia, Univ. of Perugia, 1962
13OPAL	'Control of Ovulation,' Proceedings of the Conference, Massachusetts Inst. of Technology, Edicott House, Dedham, MA, Feb. 26-28, 1960, C.A. Villee, ed., Oxford, Pergamon Press, 1961
13UZAD	'Toksikologiia Redkikh Metablov,' Ikh Soedin, 1963, U.S.S.R.
13ZGAF	'Gigiena i Toksikologiya Novykh Pestitsidov i Klinika Otravlenii, Doklady Vsesoyuznoi Konferentsii,' Komiteta Po Izucheniiu i Reglamenta-tsii Indokhimikatov Glavnoi Gosudarstvennoi Sanitarnoi Inspektsii U.S.S.R., 1962
14CYAT	'Industrial Hygiene and Toxicology,' F.A. Patty, 2nd Ed., New York, Interscience, 1963
14JTAF	'Mycotoxins in Foodstuffs,' Proceedings of the Symposium held at the Massachusetts Institute of Technology, March 18-19, 1964
14KTAK	'Boron, Metallo-Boron Compounds and Boranes,' R.M. Adams, New York, Wiley, 1964
14XBAV	'International Congress of Chemotherapy,' Proceedings of the 3rd Congress, July 22-27, 1963, Stuttgart, Thieme, 1964
14ZYA8	'Induction of Mutations and the Mutation Process,' ed. Jiri Veleminsky, Proceedings of a Symposium held in Prague, Czechoslavok, 26-28, 1963, Prague, Publishing House of the Czechoslavok Academy of Science, 1965
15ARA5	'Voprosy Promyshlennoi i Sel'skokhozyai stvennoi Toksikologii,' 1964
15MBAH	'Proceedings of the International Symposium on Chemotherapy of Cancer,' Lugano, Switzerland, April 28-May 1,1964, Plattner, P.A., ed., New York, American Elsevier Publishing Co., 1964
15QWAW	'Biological Council Symposium on Agents Affecting Fertility,' Austin C.R., and J.S. Perry, eds., London, J. & A. Churchill, 1965
15SWA8	'Kirk-Othmer Encyclopedia of Chemical Technology, 2nd Ed. 1963-70,' A. Standen, et al., eds., New York, Wiley, 1971
16CZAC	'Handbuch der Experimentellen Pharmakologie, New Series.' (Springer- Verlag, Heidelberger Pl. 3, D-1 Berlin 33, Germany) 1935-
17QLAD	'Ratsionl'noe Pitanie,' (Rational Nutrition) P.D. Leshchenko, ed., USSR, 1967
18IDAO	'Nobel - Gas Compounds,' A.J. Finkel, et al., Lamont, Illinois, Argonne National Laboratory, 1963
18JKAG	'Proceedings of the Fifth British Insecticide and Fungicide Conference,' Brighton, England, November 6-9, 1961
19FKA3	'Biochemistry of Some Foodborne Microbial Toxins,' Symposium on Microbial Toxins, New York, Cambridge, MIT Press, 1967
19UQAS	'Khimicheskie Paktory Vneshnei Sredy I Ikh Gigienicheskoe Znachenie, Materialy Nauchnoi Konferentsii,' 2nd, Pervyi Moskovskii Meditsinskii Institut, Moscow, June 22, 1965
20MAAQ	'Toxicity of Anesthetics,' Proceedings of a Research Symposium, Seattle, Washington, May 12-13, 1967. Baltimore, Maryland, Williams & Wilkins Co., 1968
20MYAU	'Mechanism of Mutation and Inducing Factors,' Proceedings of a Symposium, Prague, Czechoslovakia, Aug. 9-11, 1965. New York, Academic Press, 1966
20PKA3	'Novye Dannye Po Toksikologii Redkikh Metalov Ikh Soedinenii,' 1967
20ZJAG	'Toksikologiia Novykh Khimicheskikh Veshchesty, Vnedriaemykh V,' Rezinovuiu I Shinnaiu Promyshlennost, 1968
21ACAB	'Imifos,' S.A. Giller, ed., Izd, Riga, U.S.S.R., 1968
21NDAB	'Symposium on Carbenoxolone Sodium,' Robson, J.M., and F.M. Sullivan, eds., London, Butterworth, 1968
21PFAR	'Conferentia Hungarica pro Therapia et Investigatione in Pharmacologia,' Societas Pharmacologyica Hungarica, 4th, Budapest, Oct. 3-8, 1966, Akad. Kindo, 1968
22HAAD	'Microbioal Toxins,' S.J. Ajil, et al., eds., 1970-72, New York, Academic Press, 1970-72
22XWAN	'Chemical Mutagenesis in Mammals and Man,' F. Vogel and G. Roehrborn, eds., Berlin, Springer, 1970
23HZAR	'Carcinoma of the Colon and Antecedent Epithelium,' W.J. Burdette, Springfield, Illinois, C.C. Thomas, 1970
23TRAD	H.H., and G.D. Ruggieri, eds., Washington, DC, Marine Technology
24KLA7	'International Encyclopedia of Pharmacology and Therapeutics.'
24UTAD	'Onkologiya, Informatsionen Byuletin, Prilozhenie.' Natsionalen Kongres po Onkologiya, Sbornik Dokladi, 1st, Sofia, Bulgaria, October 22-24, 1969
24ZIA5	'Internationul Council of Scientific Unions, International Upper Mantl Project, Programs and International Recommendation,' 1960-63
25NJAN	'International Cancer Congress, Abstracts, 10th,' Houston, Texas, May 22-29, 1970, Cumley, R.W. and J.E. McCay, eds., Chicago, IL., Year Book Medical Publishers, Inc., 1970
26QZAP	'Advances in Antimicrobial and Antineoplastic Chemotherapy, Progress in Research and Clinical Application,' 7th Proceedings of the International Congress of Chemotherapy, Hejzlar, M. et al., eds., Prague, Aug. 23-28, 1971, 3 Vols., Prague, Czecholovakia, University Press, 1972
26RAAN	'Benzodinzenines,' S. Garattini, ed., New York, Raven Press, 1973

26UYAB 'Psoriasis,' Proceedings of the International Symposium, Stanford, Calif., July 7-10, 1971, Farber, E.M. and A.J. Cox, eds., Stanford, Calif., Stanford University Press, 1971

26UZAB 'Pesticides Symposia,' collection of papers presented at the Sixth & Seventh Inter-American Conferences on Toxicology and Occupational Medicine, Miami, Florida, Univ. of Miami, School of Medicine, 1968-70

27CWAL 'Medical Primatology,' Selected Papers from the 3rd Conference on Experimental Medicine and Surgery in Primates, Lyons, France, June 21-23, 1972, Goldsmith, E.I. and J. Moor-Jankowski, eds., White Plains, New York, Phiebig, 1972

27GLAB 'Toksikologiya i Gigiena Produktov Neftekhimii i Neftekhimicheskikh Proczvodstv, Vsesoyuznaya Konferentsiya,' Doklady, U.S.S.R., 1971. Toxicology and Hygiene of the Products of Petroleum Chemistry and Petrochemical Productions, All-Union Conference Reports. (Yaroslavskii Meditsinskii Institut, Yaroslavl, U.S.S.R.)

27NZAH 'Topics in Chemical Carcinogenesis,' Proceedings of the International Symposium of the Princess Takamatsu Cancer Research Fund, 2nd, Tokyo, Japan, 1971. Baltimore, University Park Press, 1972

27ZIAQ 'Drug Dosages in Laboratory Animals - A Handbook,' C.D. Barnes and L.G. Eltherington, Berkeley, University of California Press, 1965

27ZJAT 'Tranquillizing and Antidepressive Drugs,' W.M. Benson and B.C. Schiller, Springfield, Illinois, C.C. Thomas, 1962

27ZKAW 'Isolation and Identifications of Drugs in Pharmaceuticals, Body Fluids and Post-Mortem Material,' E.G.C. Clarke, ed., London, Pharmaceutical Press, 1969

27ZMA4 'Psychopharmacological Agents, Volume 2,' M. Gorden, ed., New York, Academic Press, 1967

27ZOAA 'Compendium of Psychopharmacology,' W. Poldinger, Basle, Switzerland, Hoffmann-La Roche, 1967

27ZPAD 'Psychochemotherapy - The Physicians' Manual,' E. Remmen, et al., Los Angeles, Western Medical Publications, 1962

27ZQAG 'Psychotropic Drugs and Related Compounds,' E. Usdin, and D.H. Efron, 2nd Ed., Washington, DC, 1972

27ZTAP 'Clinical Toxicology of Commercial Products - Acute Poisoning,' Gleason, et al., 3rd Ed., Baltimore, Williams, and Wilkins, 1969. (Note that although the Registry cites data from the 1969 edition, this reference has been superseded by the 4th edition, 1976.)

27ZWAY 'Heffter's Handbuch der Experimentelle Pharmakologie.'

27ZXA3 'Handbook of Poisoning: Diagnosis and Treatment,' R.H. Dreisbach, Los Altos, California, Lange Medical Publications

27ZYA6 'Handbook of Toxicology of Pesticides to Wildlife,' U. S. Department of Interior, Washington, DC

27ZZA9 'Manual of Pharmacology and Its Applications to Therapeutics and Toxicology,' T. Sollman, 8th Ed., Philadelphia, W.B. Saunders, 1957

28FTAY 'Environmental Toxicology of Pesticides, Proceedings of a United States-Japan Seminar,' Oiso, Japan, October 1971. (Pub. 1972). New York, Academic, 1972

28QFAD 'Laboratory Animal in Drug Testing,' Symposium of the 5th International Committee on Laboratory Animals, Hanover, Sept. 19-21, 1972, Speigel, A. ed., Stuttgart, Germany, Fischer, 1973

28ZAA9 'Manual of Pharmacology and Its Applications to Therapeutics and Toxicology,' T. Sollman, 7th Ed., Philadelphia, W.B. Saunders, 1942

28ZDAI 'Psychotropic Drugs,' S. Garattini, ed., Amsterdam, Elsevier Press, 1957

28ZEAL 'Pesticide Index,' E.H. Frear, ed., State College, PA, College Science Publications, 1969 (Note that although the Registry cites data from the 1969 edition, this reference has been superseded by the 5th edition, 1976.)

28ZFAO 'Pharmacology and Toxicology of Uranium Compounds,' Voegtlin and Hodge, New York, McGraw Hill, 1949

28ZHAU 'Proceedings of the American Society for Pharmacology and Experimental Therapeutics.'

28ZLAB 'Toxicity of Industrial Metals,' E. Browning, London, Butterworths, 1961

28ZNAE 'Public Health Reports, Supplement.' (Baltimore, MD/ Washington, DC)

28ZOAH 'Chemicals in War,' A.M. Prentiss, 1937

28ZPAK 'Sbornik Vysledku Toxixologickeho Vysetreni Latek A Pripravku,' J.V. Marhold, Institut Pro Vychovu Vedoucicn Pracovniku Chemickeho Prumyclu Praha, Czechoslovakia, 1972

28ZRAQ 'Toxicology and Biochemistry of Aromatic Hydrocarbons,' H. Gerarde, New York, Elsevier, 1960

28ZSAT 'Drugs in Research.' P. DeHaen, New York, Paul DeHaen, 1964

29QHAQ 'Principles of Medicinal Chemistry,' William O. Foye, eds., Philadelphia, Lea & Febiger, 1974

29QKAZ 'Toxins of Animal and Plant Origin,' A. de Vries and E. Kochva, eds., New York, Gordon and Breach Science Publishers, 1971

29ZQAU 'Electrical and Drug Treatments in Psychiatry,' A.S. Paterson, New York, Elsevier, 1963

29ZRAX 'Pharmacology of Oriental Plants,' K.K. Chen and B. Mukerji, Oxford Pergamon Press, 1965

29ZSA2 'Trifluoperazine: Further Clinical and Laboratory Studies,' J.E. Moyer, ed., Philadelphia, Lea and Febiger, 1959

29ZTA5 'Neuro-Psychopharmaca in Klinik und Praxis,' D. Wandreg and V. Leuther, Stuttgart, F.K. Schattauer, 1965

29ZUA8 'Toxicity and Metabolism of Industrial Solvents,' E. Browning, New York, Elsevier, 1965

29ZVAB 'Handbook of Analytical Toxicology,' Irvings Sunshine, ed., Cleveland, Ohio, Chemical Rubber Company, 1969

29ZWAE 'Practical Toxicology of Plastics,' R. Lefaux, Cleveland, Ohio, Chemical Rubber Company, 1968

30ZDA9 'Chemistry of Pesticides.' N.N. Melnikov, New York, Springer-Verlag, 1971

30ZFAF 'Toxic Aliphatic Fluorine Compounds,' F.L.M. Pattison, London, Elsevier, 1959

30ZIAO 'Vanadium Toxicology and Biological Significance,' T.G. Faulkner- Hudson, New York, Elsevier Publishing Company, 1964

30ZNA5 'Dangerous Properties of Industrial Materials,' N.I. Sax, New York, Van Nostrand Reinhold, 1968 (Note that although the Registry cities data from the 1968 edition, this reference has been superseded by the fifth edition, 1979.)

31BYAP 'Experimental Lung Cancer: Carcinogenesis Bioassays, International Symposium, 1974,' New York, Springer, 1974

31OGA2 'Alcohol and Aldehyde Metabolizing Systems,' Papers presented at the International Symposium. Stockholm, July 9-11, 1973. New York, Academic, 1974

31TFAO 'Progress in Chemotherapy,' Proceedings of the 8th International Congress on Chemotherapy, Athens, Greece, 1973, Daikos, G.K. ed., Athens, Hill. Society of Chemotherapy, 1974

31ZOAD	'Pesticide Manual,' Worcesteshire, England, British Crop Protection Council, 1968
31ZPAG	'Synthetic Analgesics,' Oxford, Pergamon Press, 1966
31ZTAS	'Alcohols: Their Chemistry, Properties and Manufacture,' J.A. Monick, New York, Reinhold Book, 1968
32OAAP	'Pesticide and the Environment: aContinuing Controversy,' Papers Presented and Papers Reviewed at the 8th Inter-American Conference on Toxicology and Occupational Medicine, Miami, Florida, July 1973, Deichmann, W.B., ed., New York, Stratton, 1973
32RWA4	'Free Radicals in Biology,' William A. Pryor, ed., New York, Academic, 1976
32XPAD	'Teratology,' C.L. Berry, ed., New York, Springer, 1975
32YLA6	Teratomas and Differentiation, a Symposium,' Sherman, M.I. ed. Roche Inst. of Molecular Biology, Nutley, New Jersey, May 19-21, 1975, New York, Academic, 1975
32YWA5	'Radiation Research, Biomedical, Chemical, and Physical Perspectives, Proceedings of the International Congress of Radiation Research, 5th, Seattle, July 14-20, 1974 (Pub 1975),' O.F. Nygaard, et al., ed., New York, Academic, 1975
32ZCAI	'Ganglion-Blocking and Ganglion-Stimulation Agents,' D.A. Kharkevich, Moscow, First Moscow Medical Institute, 1967
32ZDAL	'Aldrin Dieldrin Endrin and Telodrin: An Epidemiological and Toxicological Study of Long-Term Occupational Exposure,' K.W. Jager, New York, Elsevier, 1970
32ZWAA	'Handbook of Poisoning: Diagnosis and Treatment,' R.H. Dreishach, 8th Ed., Los Altos, California, Lange Medical Publications, 1974
32ZXAD	'Transactions of the 36th Annual Meeting of the American Conference of Governmental Industrial Hygienists,' Miami Beach, Fla., May 12-17, 1974
33AQAA	'Biology of Radiation Carcinogenesis,' J. M. Yuhas, et al., ed., New York, Raven Press, 1976
33GVAL	'Catharanthus Alkaloids,' William I. Taylor, and Norman R. Farnsworth, eds., New York, Marcel Dekker, 1975
33IUAS	'Mycotoxins,' Purchase, I.F.H. ed., Amsterdam, Elsevier, 1974
33JOAF	'Sublethal Effects of Toxic Chemicals on Aquatic Animals (a Proceedings),' J.H. Koeman, and J.J. Strik, New York, Elsevier, 1975
33NFA8	'Animal Models in Dermatology,' H. Maibach, ed., New York, Churchill Livingston, 1975
34LXAP	'Insecticide Biochemistry and Physiology,' C.F. Wilkinson, ed., New York, Plenum, 1976
34TRAD	'Food-Drugs from the Sea,' Proceedings of the Conference, 4th, University of Puerto Rico, Mayaguez, PR, November 17-21, 1974, Webber, Society, 1976
34ZHAD	'Symposium on Mycotoxins in Human Health,' I.F.H. Purchase, London, Macmillan, 1971
34ZIAG	'Toxicology of Drugs and Chemicals,' W.B. Deichmann, New York, Academic Press, 1969
34ZRA9	'Proceedings Quadrennial Conference on Cancer,' L. Severi, ed., Perugia, Italy, University of Perugia, 1966
35FUAR	'Animal, Plant, and Microbial Toxins,' Akira Ohsaka, et al., eds., New York, Plenum Press, 1976
35NLA6	'Trace Elements in Human Health and Disease,' Vol. 1 & 2, A.S. Prasad, et al., ed., New York, Academic Press, 1976
35ORAT	Gigiena Truda i Sostoyanie Spetsificheskikh Funktsii u Rabotnits Neftekhimicheskoi i Khimicheskoi Promyshlennosti. Industrial Hygiene and Condition of Specific Functions of Working Women in the Petrochemical and Chemical Industry. (Sverdlovskii Nauchno - Issledovatel'skii Institut Okhrany Materinstva i Mladeuchestva Minzdrava RSFSR, Sverdlovsk, U.S.S.R.) 1974
35WYAM	'In Vitro Metabolic Activation in Mutagenic Testing,' Proceedings of the Symposium on the Role of Metabolic Activation in Producing Mutagenic and Carcinogenic Environmental Chemicals, Research Triangle Park, N.C., Feb. 9-11, 1976, De Serres, F.J. et al., eds., New York, Elsevier North Holland, 1976
35ZRAG	'Medicinal Chemistry IV,' J. Maas, ed., Proceedings of the 4th International Symposium on Medicinal Chemistry, Noordwijkerhout, The Netherlands, September 9-13, 1974. New York, Elsevier, 1974
36DLAV	'Clinical and Pharmacological Aspects of Sodium Valproate (Epilim) in the Treatment of Epilepsy,' Proceedings of a Symposium, Nottingham, England, Sept. 23-24, 1975, Legg, N.J. et al., eds., Kent, England, MCS Consultants, 1976
36PYAS	'Pharmacology of Steroid Contraceptive Drugs,' Garattini, S. and H.W. Berendes, eds., New York, Raven Press, 1977. (Monograph Mario Negri Inst. Pharm. Res.)
36SBAB	'Antifungal Compounds,' M.R. Siegel and H.D. Sisler, eds., 2 vols., New York, Marcel Dekker, 1977
36URAW	'Microsomes and Drug Oxidations.' Proceedings of the 2nd International Symposium on Microsomes, Berline, 21-24 July, 1976. Oxford, Pergamon Press, 1977
36YFAG	'Biological Reactive Intermediates, Formation, Toxicity and Inactivation,' Proceedings of the International Conference on Active Intermediates, Formation, Toxicity and Inactivation, University of Turku, Turku, Finland, July 26-27, 1975. New York, Plenum, 1977.
37ASAA	'Kirk-Othmer Encyclopedia of Chemical Technology, 3rd Edition,' Grayson, M. and D. Eckroth, eds., New York, Wiley, 1978
37ATAD	'Prevention and Detection of Cancer.' Proceedings of the 3rd International Symposium on Detection and Prevention of Cancer, New York, Marcel Debber, 1977
37KXA7	'Water Chlorination: Environmental Impact and Health Effects,' Proceedings of the Conferences on the Environment, Ann Arbor, MI, Ann Arbor Science Pub. Inc., 1975-
37OBAT	'Peptides,' Goodman, M., and Meienhofer, J., eds., 5th American Peptide Symposium, Univ. Calif., June 20-24, 1977, New York, Wiley, 1977
37XLA2	'Current Chemotherapy,' Proceedings of the 10th International Congress of Chemotherapy, Zurich, Sept. 18-23, 1977, W. Siegenthaler and R. Luethy, eds., 2 vols., Washington, DC, Am. Soc. Microbiol., 1978
38KLAC	'Structure-Activity Relationship among the Semisynthetic Antibiotics.' Perlman, D., ed., New York, Academic Press, 1977
39SDAH	'Perspective Toxinology,' A. W. Bernheimer, ed., New York, Wiley, 1977
39TKAR	'Handbook of Cancer Immunology.' Waters, Harold, ed., New York, Garland STPM Press, 1978-81
40WDAS	'Bleomycin: Current Status and New Development,' Papers Presented in a Symposium, Oakland, Calif., 1977, Carter, S.K., et al., eds., New York, Academic Press, 1978

40YJAX	'Evaluation of Embryotoxicity, Mutagenicity and Carcinogenicity Risks In New Drugs,' Proceedings of the Symposium on Toxicological Testing for Safety of New Drugs, 3rd, Prague, Apr. 6-8, 1976, Benesova, O., et al, eds. Prague, Czechoslovakia, Univerzita Karlova, 1979
41CIAR	'Effects of Poisonous Plants on Livestock,' Proceedings of a Joint U.S. - Australian Symposium on Poisonous Plants, Logan, Utah, 1978, Keeler, R.F. et al. eds., New York, Academic Press, 1978
41HTAH	'Aktual'nye Problemy Gigieny Truda. Current Problems of Labor Hygiene,' Tarasenko, N.Y., ed., Moscow, Pervyi Moskovskii Meditsinskii Inst., 1978
41KEAL	'Toxicology, Biochemistry and Pathology of Mycotoxins', Uraguchi, K. and M. Yamazaki, eds., New York, Wiley, 1978
41UKAL	'Mutagen-induced Chromosome Damage in Man,' A.C. Stevenson and L. Evans eds., Edinburgh, Scotland, Edinburgh Univ. Press, 1978
42GEA8	'Environmental Carcinogenesis,' P. Emmelot and E. Kriek, eds. Amsterdam, Elsevier, 1979
43FLAV	'Burger's Medicinal Chemistry,' Wolff, M.E., ed., 4th ed., New York, John Wiley & Sons, 1981
43GRAK	'Dusts and Disease,' Proceedings of the Conference on Occupational Exposures to Fibrous and Particulate Dust and Their Extension into the Environment, 1977, Lemen, R., and J.M. Dement, eds., Park Forest South, IL, Pathotox Publishers, 1979
43MKAT	'Current Chemotherapy and Infectious Diseases,' Proceedings of the 11th International Congress of Chemotherapy and the 19th Interscience Conference on Antimicrobial Agents and Chemotherapy, Boston, MA, 1-5 Oct., 1979, American Society for Microbiology, Washington, DC, 1980
43QNAO	'Cadmium in the Environment,' Nriagu, J.O., ed., 2 vols., New York, Wiley, 1980-
43VSAU	'Phenytoin-Induced Teratology and Gingival Pathology,' Hassell, T.M., et al., eds. New York, Raven Press, 1980
43XWAI	'Brain Tumors and Chemical Injuries to the Central Nervous System,' Proceedings of the International Neuropathological Symposium, Warsaw, Sep. 23-26, 1976, Mossakowski, M.J., ed. Warsaw, Panstwowe Wydawnictwo Naukowe, 1978
43ZRAD	'Hemoperfusion: Kidney and Liver Support and Detoxification,' Proceedings of the International Symposium, Haifa, 1979, Sideman, S., and T.M.S. Chang, eds., Washington, DC, Hemisphere Pub. Corp., 1980
44LVAU	'Peptides: Structure and Biological Function,' Proceedings of the American Peptide Symposium, 6th, 1979, Cross, E. and J. Meienhofer, eds., Pierce Chemical Co., 1979
45ICAX	'Nickel Toxicology,' 2nd International Conference on Nickel Toxicology. Swansea, U.K., 3-5 Sept., 1980. London, Academic Press, 1980
45JVAR	'Research Frontiers in Fertility Regulation,' Proceedings of an International Workshop, 1980, Zatuchni, G.I., et al., eds., Hagerstown, MD, Harper and Row Medical Dep., 1980
45KQAH	'Health Effects Investigation of Oil Shale Development,' Meeting, Gatlinburg, Tenn. USA, June 23-24, 1980, Editors: Griest, W.H., M.R. Guerin and D.L. Coffins, Ann Arbor Science Publishers, Inc., 1980
45OHAA	'Short-Term Test Systems for Detecting Carcinogens,' Proceedings of the Symposium, 1978, Norpoth, K.H., and R.G. Garner, eds., Berlin, Springer-Verlag, 1980
45OJAG	'Radiation Sensitizers: Their Use in the Clinical Management of Cancer,' Proceedings of the Conference, Key Biscayne, Fla., Oct. 3-6, 1979, Brady, L.W., ed. New York, Masson Publishing USA, Inc., 1980
45REAG	'Teratology of the Limbs,' Symposium on Prenatal Development, 4th, 1980, Merker, H.J., et al., eds., Berlin, Walter de Gruyter and Co., 1980
45VOAW	'Inflammation: Mechanisms and Treatment,' Proceedings of the International Meeting, 4th, 1980, Willoughby, D.A., and J.P. Giroud, eds., Baltimore, MD, University Park Press, 1980
45ZJA3	'Nitrosoureas: Current Status and New Development,' Prestayko, A.W. et al., eds., New York, Academic Press, 1981
46IEAC	'Current Research Trends in Prenatal Craniofacial Development,' Proceedings of an International Conference, 1980, Pratt, R.M., and R.L. Christiansen, eds., New York, Elsevier North Holland, 1980
46OJAN	'Chemical Analysis and Biological Fate: Polynuclear Aromatic Hydrocarbons,' 5th International Symposium, Battelle's Labs., Oct. 1980. Columbus, Ohio, Battelle Press, 1981
47YKAF	'Sporulation and Germination,' Proceedings of the Eighth International Spore Conference, 1980, Washington, DC, American Society of Microbiology, 1981
48HGAR	'Current Chemotherapy and Immunotherapy,' Proceedings of the International Congress of Chemotherapy, 12th, 1981, Periti, P., and G. Gialdroni-Grassi, eds., Washington, DC, American Society for Microbiology, 1982
48THAM	Proceedings of the International Symposium on Cyclodextrins, 1st, 1981, Szejtli, J., ed., Hingham, MA, Kluwer Boston Inc., 1982
49DWAS	'Application of Behavioral Pharmacology in Toxicology,' Zhinden, G., et al., eds. New York, Raven Press, 1983
49DXAV	'Health Evaluation of Heavy Metals in Infant Formula and Junior Food,' Proceedings of the Symposium, 1981, Schmidt, E.H.F., and A.G. Hildebrandt, eds., Berlin, Springer-Verlag, 1983
49RQAC	'Chemistry and Biology of Hydroxamic Acids,' Proceedings of the International Symposium, 1st, Dayton, 1981, Kehl, H., ed., Basel, Switzerland, S. Karger AG, 1982
49VWAG	'Female Transcervical Sterilization,' Proceedings of an International Workshop on Non-Surgical Methods for Female Tubal Occlusion, Chicago, June 22-24, 1982, Zatuchni, G.I., et al., eds. New York, Harper & Row, 1983
49WEAZ	'Pesticide Chemistry: Human Welfare and the Environment,' Proceedings of the International Congress of Pesticide Chemistry, 5th, Kyoto, Aug. 29-Sep. 4, 1982, Miyamoto, J. and Kearney, P.C., eds. Oxford, England, Pergamon Press Ltd., 1983
50EXAK	'Formaldehyde Toxicity,' Conference, 1980, Gibson, J.E., ed., Washington, DC, Hemisphere Publishing Corp., 1983
50EYAN	'Structure-Activity Correlation as a Predictive Tool in Toxicology,' Papers from a Symposium, 1981, Golberg, L., ed., Washington, DC, Hemisphere Publishing Corp., 1983
50NNAZ	'Polynuclear Aromatic Hydrocarbons,' International Symposium, 7th, 1982, Cooke, M., and A.J. Dennis, eds., Columbus, OH, Battelle Press, 1983
85ADA6	'Carcinogenicity Tests of Oral Contraceptives,' Great Britain Committee on Safety of Medicines, London, H.M. Stationery Off., 1972
85AEA9	'Environmental Hazards of Metals,' I.T. Brakhnova, trans. by J.H. Slep, New York, Consultants Bureau, 1975

85AFAC	'Ecological Toxicology Research: Effects of Heavy Metal and Organohalogen Compounds,' A.D. McIntyre and C.F. Mills, eds., New York, Plenum Press, 1975
85AGAF	'Effects and Dose-response Relationships of Toxic Metals,' G.F. Nordberg, ed., Proceedings from an International Meeting Organized by the Subcommittee on the Toxicology of Metals of the Permanent Commission and International Association on Occupational Health, Tokyo, November 18-23, 1974, New York, Elsevier Scientific, 1976
85AHAI	'Clinical Aspects of the Teratogenicity of Drugs,' H. Nishimura, and T. Tanimum, New York, Elsevier, 1976
85AIAL	'Toxicity of Pure Foods,' E.M. Boyd, Cleveland, Ohio, CRC Press, 1973
85AJAO	'Handbook of Vitamins and Hormones,' R.J. Kutsky, New York, V.N. Reinhold, 1973
85AKAR	'Toxicology of Insecticides,' F. Matsumura, New York, Plenum Press, 1975
85ALAU	'Carbamate Insecticides: Chemistry, Biochemistry, and Toxicology,' R.J. Kuhr, and H.W. Dorough, Cleveland, Ohio, CRC Press, 1976
85AMAX	'Industrial Toxicology,'A. Hamilton and H.L. Hardy, 3rd Ed., Acton, Mass., Publishing Sciences Group, 1974
85ANA2	'Adverse Effects of Environmental Chemicals and Psychotropic Drugs, Volume 2,' M. Horvath, ed., New York, Elsevier, 1976
85ARAE	'Agricultural Chemicals, Books I, II, III, and IV,' W.T. Thomson, Fresno, California, Thomson Publications, 1977
85CVA2	'Oncology 1970,' Proceedings of the Tenth International Cancer Congress, Chicago, Year Book Medical Publishers, 1971
85CYAB	'Chemistry of Industrial Toxicology,' H.B. Elkins, 2nd Ed., New York, J. Wiley, 1959
85CZAE	'Survey of Chemical and Biological Warfare,' J.Cookson and J. Nottingham, New York, Monthly Review Press, 1969
85DAAC	'Bladder Cancer, A Symposium,' K.F. Lampe et al., eds., Fifth Inter- American Conference on Toxicology and Occupational Medicine, University of Miami, School of Medicine, Coral Gables, Florida, Aesculapius Pub., 1966
85DCAI	'Poisoning; Toxicology, Symptoms, Treatments,' J.M. Arena, 2nd Ed., Springfield, Illinois, C. C. Thomas, 1970
85DEAO	'Occupational Medicine and Industrial Hygiene,' R.T. Johnstone, St. Louis, C.V. Mosby, 1948
85DFAR	'Report of the Enquiry into the Medical & Toxicological Aspects of CS (Orthochlorobenzylidene Malononitrile),' London, Her Majesty's Secretary of State for the Home Department, 1971
85DGAU	'Catalog of Teratogenic Agents,' T.H. Shepard, 2nd Ed., Baltimore, Maryland, Johns Hopkins University Press, 1976
85DHAX	'Medical and Biologic Effects of Environmental Pollutants Series.' Washington, DC, National Academy of Sciences, 1972-77
85DIA2	'CTFA Cosmetic Ingredient Dictionary,' N.F. Estrin, 2nd Ed., Washington, DC, Cosmetic, Toiletry & Fragrance Association, 1977
85DJA5	'Malformations Congenitales des Mammiferes,' H. Tuchmann-Duplessis, Paris, Masson et Cie, 1971
85DKA8	'Cutaneous Toxicity,' V.A. Drill and P. Lazar, eds., New York, Academic Press, 1977
85DLAB	'Studies on Chemical Carcinogenesis by Diels-Alder Adducts of Carcinogenic Aromatic Hydrocarbons,' R.H. Earhart, Jr., Ann Arbor, Michigan, Xerox Univ. Microfilms, 1975
85DMAE	'Drugs as Teratogens,' J.L. Schardein, Cleveland, Ohio, CRC Press, 1976
85DNAH	'Toxicologie Clinique et Analytique,' J.P. Frejaville, and R. Bourdon, 2nd Ed., Paris, France, Flammarion Medecine-Sciences, 1975
85DPAN	'Wirksubstanzen der Pflanzenschutz und Schadlingsbekampfungsmittel,' Werner Perkow, Berlin, Verlag Paul Parey, 1971-1976
85DQAQ	'Organophosphorus Pesticides,' R. Derache, New York, Pergamon Press, 1977
85DUA4	'Chemical Tumour Problems,' W. Nakahara, ed., Tokyo, Japanese Society for the Promotion of Science, 1970
85DVA7	Sonderdruck aus Bericht Uber den. VIII. Internationalen Kongress fuer Unfallmedizin und Berufskrankheiten. Frankfurt A.M. 26-30 September 1938, Leipzig, Georg Thieme, 1938
85DWAA	International Congress on Occupational Health, Helsinki, 1957
85DXAD	'Pediatric Nutrition in Developmental Disorders,' S. Palmer and S. Ekvall, eds., Springfield, Ill., C.C. Thomas, 1978
85DYAG	'Fourth National Medicinal Chemistry Symposium of the American Chemical Society, June 17-19, 1954, Syracuse, NY,' Washington, DC, American Chemical Society, 1954
85DZAJ	'Principles of Insect Chemosterilization,' G.C. Labrecque and C.N. Smith, eds., New York, Appleton-Century-Crofts, 1968
85EAAH	'Cancer,' R.W. Raven, ed., London, Butterworth & Co., 1958
85EBAK	'Noyaku Chudoku, Pesticide Poisoning,' K. Hiraki and K. Hyodo, Tokyo, Igaku Shoin, 1969
85ECAN	'Metal Toxicity in Mammals, Vol. 2: Chemical Toxicity of Metals and Metalloids, ' B. Venugopal and T.D. Luckey, New York, Plenum Press, 1978
85EGD4	'Toxins: Animal, Plant and Microbial. Proceedings of the International Symposium,' P. Rosenberg, ed., New York, Pergamon Press, 1978
85EHD7	'Toxic Eye Hazards,' Publication No. 494, National Society for the Prevention of Blindness, New York, The Society, 1949
85EIDA	'A Survey of Cardiac Glycosides and Genins,' J. H. Hoch, Charleston, Univ. of South Carolina, 1961
85EJDD	'Chemical Induction of Cancer, Structural Bases and Biological Mechanisms,' J. C. Arcos and M. F. Argus, New York, Academic, 1974
85EKDG	'Etude Experimentale de la Glycoregulation Gravidique et de l'Action Teratogene des Perturbations du Metabolisme Glucidique,' R. Meyer, Paris, Masson et Cie, 1961
85ELDJ	'Die Herzwirksamen Glykoside,' G. Baumgarten and W. Forster, Leipzig, VEB Georg Thieme, 1963
85ERAY	'Antibiotics: Origin, Nature, and Properties,' T. Korzyoski, Z. Kowszyk-Gindifer, and W. Kurylowicz, eds., Washington DC, American Society for Microbiology, 1978
85ESA3	'Merck Index; an Encylopedia of Chemicals and Drugs,' 9th Ed. Rahway, N.J., Merck & Co., 1976
85FZAT	'Index of Antibiotics from Actinomycetes,' Umezawa, H. et al., eds., Tokyo, University of Tokyo Press, 1967
85GDA2	'CRC Handbook of Antibiotic Compounds, Volumes 1-9,' Berdy, Janos. Boca Raton, Florida, CRC Press, 1980
85GLAQ	'A Survey of Antimalarial Drugs, 1941-1945,' Wiselogle, F.Y., 2 vols., Ann Arbor, MI, J.W. Edwards, 1946

85GMAT 'Toxicometric Parameters of Industrial Toxic Chemicals Under Single Exposure,' Izmerov, N.F., et al. Moscow, Centre of International Projects, GKNT, 1982

85GRAA 'The Control of Fertility,' Pincus, G., New York, Academic Press,1965

85GUAJ 'Antifertility Compounds in the Male and Female,' Jackson, H., Springfield, IL, Charles C. Thomas, 1966

BEST COPY

BLANK PAGE

1998

Appendixes

1999

BLANK PAGE

2000

APPENDIX I

NIOSH RECOMMENDATIONS FOR OCCUPATIONAL SAFETY AND HEALTH STANDARDS

Acting under the authority of the Occupational Safety and Health Act of 1970 (Public Law 91-596), the National Institute for Occupational Safety and Health (NIOSH) develops, and periodically revises, recommendations for limits of exposure to potentially hazardous substances or conditions in the workplace. It also recommends appropriate preventive measures designed to reduce or eliminate adverse health effects of these hazards. In formulating these recommendations, NIOSH evaluates all known and available scientific information relevant to the potential hazard. These recommendations are then published and transmitted to the Department of Labor, Occupational Safety and Health Administration (OSHA) for use in promulgating legal standards.

NIOSH recommendations are published in a variety of documents. Criteria Documents specify a NIOSH-Recommended Exposure Limit (REL) and appropriate preventive measures designed to reduce or eliminate adverse health effects. Special Hazard Reviews, Occupational Hazard Assessments, and Technical Guidelines are other types of documents published by NIOSH which complement the Institute's recommendations for standards. These documents provide assessments, from a safety and health standpoint, of specific problems associated with a given agent or hazard, and recommend appropriate control and surveillance methods. Although they do not supplant the more comprehensive Criteria Document, they are prepared in such a way as to assist OSHA in the formulation of regulations. NIOSH also periodically presents testimony before various Congressional committees and at regulatory hearings convened by OSHA. The testimony presented always includes the current NIOSH policy concerning the particular hazard in question.

NIOSH also publishes documents known as Current Intelligence Bulletins (CIB) which review and evaluate emerging information on occupational hazards. These Bulletins are based on rapid evaluation of new and changing information on a particular hazard in light of existing knowledge.

The "NIOSH Recommendations for Occupational Safety and Health Standards" listed in this summary are based on existing NIOSH policy as previously published in any of the forms listed above. The intent of this table is to provide, in rapid-reference form, the most recent NIOSH REL for each potential hazard. The current OSHA permissible exposure limit (PEL) is also presented. Unless otherwise noted in the table, the NIOSH recommendations were originally published in Criteria Documents.

Note to Readers:

Copies of NIOSH publications are generally available from the U.S. Government Printing Office and the National Technical Information Service. Single copies of these publications may be obtained (while the supply lasts) from

Publications Dissemination
Division of Standards Development and Technology Transfer
National Institute for Occupational Safety and Health
4676 Columbia Parkway
Cincinnati, Ohio 45226
(513) 841-4287

Please enclose a self-addressed mailing label with your request.

Definitions of abbreviations and terms used in this publication:

Action level	the exposure concentration at which certain provisions of the NIOSH recommended standard must be initiated, such as periodic measurements of worker exposure, training of workers, and medical surveillance
CFR	Code of Federal Regulations
CIB	Current Intelligence Bulletin
dbA	decibel, weighted according to the A scale, which approximates the response of the human ear
ECG	electrocardiogram
J/cm^2	joules per square centimeter
ug/m^3	micrograms per cubic meter
mg/m^3	milligrams per cubic meter
mppcf	millions of particles per cubic foot
mW/cm^2	milliwatts per square centimeter
NIOSH	National Institute for Occupational Safety and Health
OSHA	Occupational Safety and Health Administration
PEL	permissible exposure limit (OSHA)
ppb	parts per billion
ppm	parts per million
REL	recommended exposure limit (NIOSH)
(Skin)	potential contribution to overall exposure by the cutaneous route including mucous membranes and eyes
TWA	time-weighted average
WBGT	wet bulb globe temperature

SUMMARY OF OSHA REGULATIONS AND NIOSH RECOMMENDATIONS FOR OCCUPATIONAL SAFETY AND HEALTH STANDARDS, 1985

Potential Hazard +	OSHA Standard	NIOSH Recommendations		
		NIOSH Recommended Exposure Limit(s) *	Health Effect(s) Considered	Comments
2-Acetylaminofluorence (NIOSH testimony at OSHA hearing September 1973)	29 CRF 1910.1014	NIOSH concurs with OSHA standard	Cancer	Stringent workplace controls and medical surveillance required
Acetylene (July 1976)	2,500 ppm (10% of lower explosive limit)	No exposure >2,500 ppm (2,662 mg/m^3)	Asphyxia	Employers to check for and inform workers of contaminants such as arsine and phosphine
Acrylamide (October 1976)	0.3 mg/m^3, 8-hr TWA (Skin)	0.3 mg/m^3 TWA	Skin, eye, and nervous system effects	Skin and eye contact to be prevented
Acrylonitrile (September 1977; revised March 1978 as part of NIOSH testimony at OSHA hearing)	2 ppm, 8-hr TWA; 10 ppm ceiling (15 min) (Skin)	1 ppm, 8-hr TWA; 10 ppm ceiling (15 min) (Skin)	Brain tumors; lung and bowel cancer	Chest x ray required; first-aid and medical kits to be available during use; skin contact should be prevented
Aldrin/dieldrin (Special Hazard Review September 1978)	0.25 mg/m^3, 8-hr TWA (Skin)	Lowest reliably detectable level; 0.15 mg/m^3 TWA by NIOSH-validated method	Cancer	Aldrin/dieldrin no longer produced in U.S.; skin contact to be prevented
Alkanes (C5-C8) (March 1977)	Pentane: 1,000 ppm (2,950 mg/m^3); n-hexane: 500 ppm (1,800 mg/m^3); n-heptane: 500 ppm (2,000 mg/m^3); octane: 500 ppm (2,350 mg/m^3), 8-hr TWA	All are TWA values: Pentane: 120 ppm (350 mg/m^3); hexane: 100 ppm (350 mg/m^3); heptane: 85 ppm (350 mg/m^3); octane: 75 ppm (350 mg/m^3) mixtures not to exceed 350 mg/m^3 TWA; All are ceiling values (15 min) singly or mixtures: pentane: 610 ppm (1,800 mg/m^3); hexane: 510 ppm (1,800 mg/m^3); heptane: 440 ppm (1,800 mg/m^3); octane: 385 ppm (1,800 mg/m^3)	Skin and nervous system effects	Action level defined as 200 mg/m^3 for these substances
Allyl chloride (September 1976)	1 ppm (3 mg/m^3), 8-hr TWA	1 ppm (3.1 mg/m^3) TWA; 3 ppm (9.3 mg/m^3) ceiling (15 min)	Liver, kidney, and lung effects	Urine, blood, and pulmonary function testing required
4-Aminodiphenyl (NIOSH testimony at OSHA hearing September 1973)	29 CFR 1910.1011	NIOSH concurs with OSHA standard	Cancer	Stringent workplace controls and medical surveillance required

+ Date recommendation was transmitted to OSHA is in parentheses.
* NIOSH TWA recommendations are based on exposures up to 10 hours unless otherwise noted.

Potential Hazard +	OSHA Standard	NIOSH Recommendations		
		NIOSH Recommended Exposure Limit(s) *	Health Effect(s) Considered	Comments
Ammonia (July 1974)	50 ppm (35 mg/m^3), 8-hr TWA	50 ppm (34.8 mg/m^3) ceiling (5 min)	Respiratory irritation	Eye contact should be prevented
Animal rendering processes (Occupational Hazard Assessment March 1981)	Existing OSHA PEL's or NIOSH REL's for specific hazards are applicable		Mechanical injury; burns; heat stress; infections from biologic agents; chemical hazards	Guidelines for engineering controls and work practices to reduce injury and illness presented
Antimony (September 1978)	0.5 mg/m^3, 8-hr TWA	0.5 mg/m^3 TWA	Irritation; heart and lung effects	Chest x ray, pulmonary function testing, and electrocardiogram required
Arsenic, inorganic (September 1974; revised June 1975; reaffirmed July 1982 as part of NIOSH testimony at OSHA hearing)	10 ug/m^3, 8-hr TWA	2 ug As/m^3 ceiling (15 min)	Lung and lymphatic cancer; dermatitis	Chest x ray required
Arsine (CIB August 1979)	0.2 mg/m^3 (0.05 ppm), 8-hr TWA	2 ug As/m^3 ceiling (15 min)	Sudden extensive hemolysis	Workers to be warned of working with arsenic compounds in presence of freshly formed hydrogen
Asbestos (January 1972; revised September 1976; revised March 1984 as part of NIOSH testimony at Congressional hearing; reaffirmed June 1984 as NIOSH testimony at OSHA hearing)	2 million fibers/m^3, over 5 um in length, 8-hr TWA; 10 million fibers/m^3 ceiling	100,000 fibers/m^3, over 5 um in length, 8-hr TWA in a 400 liter air sample	Asbestosis; lung cancer; mesothelioma	None
Asphalt fumes (September 1977)	See Coal-tar products	5 mg/m^3 ceiling measured as total particulate (15 min)	Eye and respiratory irritation	Medical surveillance required; skin contact to be prevented
Benzene (July 1974; revised August 1976; revised July 1977 as part of NIOSH testimony at OSHA hearing)	10 ppm, 8-hr TWA; 25 ppm acceptable ceiling; 50 ppm maximum ceiling (10 min)	1 ppm (3.2 mg/m^3) ceiling (60 min)	Blood changes including leukemia	Blood testing required
Benzidine (NIOSH testimony at OSHA hearing September 1973)	29 CFR 1910.1010	NIOSH concurs with OSHA standard	Cancer	Stringent workplace controls and medical surveillance required

+ Date recommendation was transmitted to OSHA is in parentheses.

* NIOSH TWA recommendations are based on exposures up to 10 hours unless otherwise noted.

Potential Hazard +	OSHA Standard	NIOSH Recommendations		
		NIOSH Recommended Exposure Limit(s) *	Health Effect(s) Considered	Comments
Benzidine-based dyes (Special Hazard Review November 1979; reaffirmed January 1983)	Not controlled as such	Reduce exposure to lowest feasible level; replace with less toxic materials	Cancer	Urine monitoring suggested
Benzoyl peroxide (June 1977)	5 mg/m^3, 8-hr TWA	5 mg/m^3 TWA	Respiratory and eye irritation; skin effects	None
Benzyl chloride (August 1978)	5 mg/m^3 (1 ppm), 8-hr TWA	5 mg/m^3 ceiling (15 min)	Irritation; skin and eye effects	Chest x ray and pulmonary function testing required
Beryllium (June 1972; revised August 1977 as part of NIOSH testimony at OSHA hearing)	2 ug/m^3, 8-hr TWA; 5 ug/m^3 acceptable ceiling; 25 ug/m^3 maximum ceiling (30 min)	Not to exceed 0.5 ug/m^3	Lung cancer	Pulmonary function testing, chest x ray, and sputum cytology required
Boron trifluoride (December 1976)	1 ppm (3 mg/m^3) ceiling	No exposure limit recommended due to the absence of a reliable monitoring method	Respiratory effects	Appropriate engineering and work-practice controls to reduce exposure to lowest feasible level; pulmonary function testing required
1,3-Butadiene (CIB February 1984)	1,000 ppm (2,200 mg/m^3), 8-hr TWA	Reduce exposure to lowest feasible level	Cancer; teratogenicity; reproductive effects	Appropriate engineering and work-practice controls; restrict access to areas where 1,3-butadiene is used
Cadmium (August 1976; revised in CIB September 1984)	Fume: 0.1 mg/m^3, 8-hr TWA; 0.3 mg/m^3 ceiling; dust: 0.2 mg/m^3, 8-hr TWA; 0.6 mg/m^3 ceiling	Reduce exposure to lowest feasible level	Lung cancer	None
Carbaryl (September 1976)	5 mg/m^3, 8-hr TWA	5 mg/m^3 TWA	Central nervous system and reproductive system effects	Workers to be warned of possible effects on reproductive system and to have only minimum exposure during pregnancy; skin and eye contact to be prevented
Carbon black (September 1978)	3.5 mg/m^3, 8-hr TWA	3.5 mg/m^3 TWA; 0.1 mg/m^3 TWA in presence of polycyclic aromatic hydrocarbons	Lung, heart, and skin effects; cancer	Chest x rays, pulmonary function testing, ECG, and sputum cytology required
Carbon dioxide (August 1976)	5,000 ppm (9,000 mg/m^3), 8-hr TWA	10,000 ppm (18,000 mg/m^3) TWA; 30,000 ppm (54,000 mg/m^3) ceiling (10 min)	Respiratory effects	None

+ Date recommendation was transmitted to OSHA is in parentheses.
* NIOSH TWA recommendations are based on exposures up to 10 hours unless otherwise noted.

Potential Hazard +	OSHA Standard	NIOSH Recommendations		
		NIOSH Recommended Exposure Limit(s) *	Health Effect(s) Considered	Comments
Carbon disulfide (May 1977)	20 ppm, 8-hr TWA; 30 ppm acceptable ceiling; 100 ppm maximum ceiling (30 min)	1 ppm (3 mg/m^3) TWA; 10 ppm (30 mg/m^3) ceiling (15 min)	Heart, central nervous system, and reproductive system effects	Workers to be advised of potential effects on reproductive system
Carbon monoxide (August 1972)	50 ppm (55 mg/m^3), 8-hr TWA	35 ppm (40 mg/m^3), 8-hr TWA; 200 ppm (229 mg/m^3) ceiling (No minimum time)	Heart effects	None
Carbon tetrachloride (December 1975; revised June 1976)	10 ppm, 8-hr TWA; 25 ppm acceptable ceiling; 200 ppm maximum ceiling (5 min in 4 hr)	2 ppm (12.6 mg/m^3) ceiling 45 liter sample (60 min)	Liver cancer	Recommended standard based on lower limit of detection
Chlorine (May 1976)	1 ppm (3 mg/m^3) ceiling	0.5 ppm (1.45 mg/m^3) ceiling (15 min)	Eye and respiratory irritation	Chest x rays required
Chloroform (September 1974; revised June 1976)	50 ppm (240 mg/m^3) ceiling	2 ppm (9.78 mg/m^3) ceiling 45 liter sample (60 min)	Liver or kidney tumors and central nervous system effects	None
bis-Chloromethyl ether (NIOSH testimony at OSHA hearing September 1973)	29 CFR 1910.1008	NIOSH concurs with OSHA standard	Cancer	Stringent workplace controls and medical surveillance required
Chloromethyl methyl ether (see methyl chloromethyl ether)				
Chloroprene (August 1977)	25 ppm (90 mg/m^3), 8-hr TWA	1 ppm (3.6 mg/m^3) ceiling (15 min)	Reproductive effects; potential for cancer	Chest x ray and pulmonary functio testing required; pregnant worker to be counseled about continuing work with chloroprene
Chromic acid (July 1973; revised--See Chromium December 1975)	1 mg/10 m^3 ceiling	25 ug/m^3 TWA; 50 ug/m^3 ceiling (15 min) as noncarcinogenic Cr (VI)	Nasal ulceration	None
Chromium (VI) (December 1975)	100 ug chromates/m^3 ceiling	Carcinogenic Cr (VI): 1 ug/m^3 TWA; other Cr (VI): 25 ug/m^3 TWA; 50 ug/m^3 ceiling (15 min)	Lung cancer; skin ulcers; and lung irritation	Employer must demonstrate absence of carcinogenic Cr (VI); x ray required
Chrysene (Special Hazard Review June 1978)	None	To be controlled as an occupational carcinogen	Cancer	Document also contains control recommendations for polycyclic aromatic hydrocarbons

+ Date recommendation was transmitted to OSHA is in parentheses.

* NIOSH TWA recommendations are based on exposures up to 10 hours unless otherwise noted.

Potential Hazard +	OSHA Standard	NIOSH Recommendations		
		NIOSH Recommended Exposure Limit(s) *	Health Effect(s) Considered	Comments
Coal gasification plants (September 1978)	OSHA PEL's or NIOSH REL's for specific hazards are applicable		Various effects depending on substances present; carcinogenic potential	Extensive work-practice and control procedures recommended
Coal liquefaction, volumes I and II (Occupational Hazard Assessment June 1981)	OSHA PEL's or NIOSH REL's for specific hazards are applicable		Various effects depending on substances present; carcinogenic potential	Extensive work-practice and control procedures recommended
Coal-tar products (September 1977)	0.2 mg/m^3, 8-hr TWA (benzene-soluble fraction)	0.1 mg/m^3 TWA (cyclohexane-extractable fraction)	Lung and skin cancer	Includes coal tar, creosote, and coal-tar pitch; pulmonary function testing and chest x rays required
Cobalt (Occupational Hazard Assessment November 1981)	0.1 mg/m^3, 8-hr TWA	NIOSH has concluded that there is insufficient evidence to warrant recommending a new exposure limit	Dermatitis; potential for pulmonary fibrosis	Includes recommendations for engineering controls, work practices, protective equipment, worker education, monitoring, and medical surveillance
Coke oven emissions (February 1973; revised November 1975 as part of NIOSH testimony at OSHA hearing)	150 ug/m^3, 8-hr TWA	0.5-0.7 mg/m^3 (total particulates) as screening level	Lung cancer	Sputum cytology and chest x ray required; work practices to minimize exposure to emissions
Confined spaces, working in (December 1979)	Covered under numerous OSHA regulations for General Industry (29 CFR 1910)	Various recommendations including a permit system to prevent worker injury and death	Injury and death	None
Cotton dust (September 1974; reaffirmed September 1983 as part of NIOSH testimony at OSHA hearing)	Yarn manufacturing: 200 ug/m^3, 8-hr TWA; slashing and weaving operations: 750 ug/m^3, 8-hr TWA; all other operations: 500 ug/m^3, 8-hr TWA	200 ug/m^3 lint-free cotton dust	Pulmonary disease (byssinosis)	Pulmonary function testing required
Cresol (February 1978)	5 ppm (22 mg/m^3), 8-hr TWA (Skin)	2.3 ppm (10 mg/m^3) TWA	Skin, liver, kidney, and pancreas effects	Applies to mixtures of cresols and cresylic acid; skin and eye contact to be prevented; possible delayed effects
Cyanide, hydrogen and cyanide salts (March 1977)	Hydrogen cyanide: 10 ppm (11 mg/m^3), 8-hr TWA (Skin); cyanide: 5 mg CN/m^3, 8-hr TWA (Skin)	4.7 ppm (5 mg CN/m^3) ceiling (10 min)	Thyroid; blood; respiratory system effects	Concurrent measurement required for HCN when measuring for cyanide salt; trained first-aid personnel and first-aid kits to be available during use; skin and eye contact to be prevented

+ Date recommendation was transmitted to OSHA is in parentheses.
* NIOSH TWA recommendations are based on exposures up to 10 hours unless otherwise noted.

Potential Hazard +	OSHA Standard	NIOSH Recommendations NIOSH Recommended Exposure Limit(s) *	Health Effect(s) Considered	Comments
DDT (Special Hazard Review September 1978)	1 mg/m^3, 8-hr TWA (Skin)	Lowest reliably detectable level; 0.5 mg/m^3 TWA by NIOSH-validated method	Cancer	Skin contact to be prevented
2,4-Diaminoanisole and its salts (CIB January 1978)	None	Reduce exposure to lowest feasible level	Cancer	Skin contact to be prevented; engineering and work-practice controls are recommended
Dibromochloropropane (September 1977)	1 ppb, 8-hr TWA; eye and skin contact to be avoided	10 ppb (0.1 mg/m^3) TWA	Sterility; renal and liver effects	Workers to be warned of reproductive system abnormalities, including sterility
3,3'-Dichlorobenzidine (NIOSH testimony at OSHA hearing September 1973)	29 CFR 1910.1007	NIOSH concurs with OSHA	Cancer	Stringent workplace controls and medical surveillance required
Di-2-Ethylhexyl phthalate (DEHP) (Special Hazard Review March 1983)	5 mg/m^3, 8-hr TWA	Reduce exposure to lowest feasible level	Cancer	DEHP, widely used in the quantitative fit testing of respirators, should be replaced with less toxic material such as refined corn oil
Diisocyanates (September 1978)	Toluene diisocyanate (TDI): 0.02 ppm (0.14 mg/m^3) ceiling; diphenylmethane diisocyanate (MDI): 0.02 ppm (0.2 mg/m^3) ceiling	Each equivalent to 5 ppb TWA and 20 ppb ceiling. All values given in ug/m^3 and all ceiling values for 10 min: TDI: 35 TWA, 140 ceiling; MDI: 50 TWA, 200 ceiling; hexamethylene diisocyanate (HDI): 35 TWA, 140 ceiling; naphthalene diisocyanate (NDI): 40 TWA, 170 ceiling; isophorone diisocyanate (IPDI): 45 TWA, 180 ceiling; dicyclohexylmethane 4,4'-diisocyanate (hydrogenated MDI): 55 TWA, 210 ceiling; other diisocyantes also to be controlled to 20 ppb ceiling and 5 ppb TWA	Respiratory effects and sensitization; irritation	Chest x ray and pulmonary function testing required
4-Dimethylaminoazobenzene (NIOSH testimony at OSHA hearing September 1973)	29 CRF 1910.1015	NIOSH concurs with OSHA standard	Cancer	Stringent workplace controls and medical surveillance required
Dinitro-ortho-cresol (February 1978)	0.2 mg/m^3, 8-hr TWA (Skin)	0.2 mg/m^3 TWA	Central nervous system and metabolic effects	Blood and urine monitoring required; skin and eye contact should be prevented; possible delayed effects

+ Date recommendation was transmitted to OSHA is in parentheses.

* NIOSH TWA recommendations are based on exposures up to 10 hours unless otherwise noted.

Potential Hazard +	OSHA Standard	NIOSH Recommendations		
		NIOSH Recommended Exposure Limit(s) *	Health Effect(s) Considered	Comments
Dinitrotoluene (CIB July 1985)	1.5 mg/m^3, 8-hr TWA (Skin)	Reduce exposure to lowest feasible level	Cancer; potential for reproductive effects	Skin contact to be prevented
Dioxane (September 1977)	100 ppm (360 mg/m^3), 8-hr TWA (Skin)	1 ppm (3.6 mg/m^3) ceiling (30 min)	Cancer; liver and kidney effects	Blood and urine testing required; skin contact should be prevented
Dioxin (CIB January 1984)	None	Reduce exposure to lowest feasible level	Cancer; chloracne	None
Elevated workstations, emergency egress from (December 1975)	Sections under Subpart E, Means of Egress, General Industry Standards, and Subpart R, Special Industries (29 CFR 1910.261)	Various recommendations concerning means and availability of egress	Trauma and injury	None
Epichlorohydrin (September 1976; revised in CIB October 1978)	5 ppm (19 mg/m^3), 8-hr TWA	Minimize occupational exposure	Cancer; mutagenesis; reproductive effects; skin, kidney, liver, and respiratory effects	Skin contact should be prevented
Ethylene dibromide (August 1977; revised November 1983; reaffirmed February 1984 as part of NIOSH testimony at OSHA hearing)	20 ppm, 8-hr TWA; 30 ppm acceptable ceiling; 50 ppm maximum peak (5 min)	0.045 ppm (0.38 mg/m^3), 8-hr TWA; 0.13 ppm (1 mg/m^3) ceiling (15 min)	Cancer; mutagenesis; damage to skin, eyes, heart, liver, spleen, and respiratory and central nervous systems	Workers to be warned of potential reproductive abnormalities and cancer; hazardous liquid; contact to be prevented
Ethylene dichloride March 1976; revised CIB April 1978; revised September 1978)	50 ppm, 8-hr TWA; 100 ppm acceptable ceiling; 200 ppm maximum ceiling (5 min in 3 hr)	1 ppm (4 mg/m^3) TWA; 2 ppm (8 mg/m^3) ceiling (15 min)	Cancer; nervous system, respiratory, heart, and liver effects	Nursing infants of exposed mothers at risk
Ethyleneimine (NIOSH testimony at OSHA hearing September 1973)	0.5 ppm (1 mg/m^3), 8-hr TWA (skin) 29 CFR 1910.1012	NIOSH concurs with 29 CFR 1910.1012	Cancer	Stringent workplace controls and medical surveillance required
Ethylene oxide (Special Hazard Review September 1977; revised July 1983 as part of NIOSH testimony at OSHA hearing)	1 ppm (1.8 mg/m^3), 8-hr TWA	<0.1 ppm (0.18 mg/m^3), 8-hr TWA; 5 ppm (9 mg/m^3) ceiling (10 min/day)	Cancer; mutagenesis; reproductive effects	Blood monitoring and medical counseling recommended
Ethylene thiourea (Special Hazard Review October 1978)	None	Should be used in encapsulated form in industry; worker exposure to be minimized	Carcinogenesis and teratogenesis	Workers to be informed of carcinogenic and teratogenic hazards; special attention to be

+ Date recommendation was transmitted to OSHA is in parentheses.

* NIOSH TWA recommendations are based on exposures up to 10 hours unless otherwise noted.

Potential Hazard +	OSHA Standard	NIOSH Recommendations		
		NIOSH Recommended Exposure Limit(s) *	Health Effect(s) Considered	Comments
Excavation, development of draft construction safety standards for (Technical Guideline May 1983)	Many aspects covered under OSHA regulations governing excavations, trenching, and shoring practices in the construction industry (29 CFR 1926, Subpart P)	Many work-practice recommendations concerning safety standards excavations	Injury and death	None
Fibrous glass (April 1977)	15 mg/m^3 total dust; 5 mg/m^3 respirable fraction (nuisance dust)	3 million fibers/m^3 TWA (fibers $\leq$3.5 um diameter and >10 $\overline{\mu m}$ length); 5 mg/m^3 TWA (total fibrous glass)	Eye, skin, and respiratory effects	NIOSH recommends that this limit also apply to other manmade fibers
Fluorides, inorganic (June 1975)	2.5 mg/m^3, 8-hr TWA	2.5 mg F/m^3 TWA	Kidney and bone effects	Urine monitoring required
Fluorocarbon polymers, decomposition products (September 1977)	None	Various recommendations emphasizing good work practices, engineering controls, and medical management	Lung effects; polymer fume fever	Workroom air to be monitored for inorganic fluorides and hydrogen fluoride
Formaldehyde (December 1976; revised in CIB April 1981)	3 ppm, 8-hr TWA; 5 ppm acceptable ceiling; 10 ppm maximum ceiling (30 min)	Minimize workplace exposure levels; limit exposure to lowest feasible level	Cancer	Medical surveillance; skin protection
Furfuryl alcohol (March 1979)	50 ppm (200 mg/m^3), 8-hr TWA	50 ppm (200 mg/m^3) TWA	Respiratory effects	None
Glycidyl ethers (June 1978; revised in CIB October 1978)	All values in ppm (mg/m^3): allyl glycidyl ether (AGE): 10 (45) ceiling; n-butyl glycidyl ether (BGE): 50 (270), 8-hr TWA; di-2,3-epoxypropyl ether (DGE): 0.5 (2.8), 8-hr TWA; isopropyl glycidyl ether (IGE): 50 (240), 8-hr TWA; phenyl glycidyl ether (PGE): 10 (60), 8-hr TWA	All are ceiling values (15 min) in ppm (mg/m^3): AGE: 9.6 (45) BGE: 4.4 (30) DGE: 0.2 (1) IGE: 50 (240) PGE: 1 (5)	Cancer for DGE; skin and mucous membrane effects; sensitization potential; tumorigenesis and mutagenesis; possible hemopoietic and reproductive effects	Possible additive effects with mixtures; medical surveillance
Glycol ethers (CIB May 1983)	2-Methoxyethanol: 25 ppm (80 mg/m^3), 8-hr TWA (Skin); 2-Ethoxyethanol: 200 ppm (740 mg/m^3), 8-hr TWA (Skin)	Reduce exposure to lowest feasible level	Reproductive effects; teratogenicity	Skin contact to be prevented

given to thyroid function tests

+ Date recommendation was transmitted to OSHA is in parentheses.
* NIOSH TWA recommendations are based on exposures up to 10 hours unless otherwise noted.

BEST COPY

Potential Hazard +	OSHA Standard	NIOSH Recommendations		
		NIOSH Recommended Exposure Limit(s) *	Health Effect(s) Considered	Comments
Grain elevators and feed mills, occupational safety in (Technical Guideline September 1983; reaffirmed June 1984 as part of NIOSH testimony at OSHA hearing)	Many general aspects (e.g., protective equipment, dust control, etc.) covered under the numerous OSHA regulations for General Industry (29 CFR 1910)	Various recommendations for control of combustible dusts and ignition sources, machine guarding, isolation and lock-outs, bin entry, training, and personal protective equipment	Injury and death	Health hazards from exposure to fumigants, pesticides, and grain dust
Hexachloroethane (CIB August 1978)	1 ppm (10 mg/m^3), 8-hr TWA (Skin)	Reduce exposure to lowest feasible level	Cancer	None
Hot environments (June 1972)	None	Action levels: 79°F WBGT (men) 76°F WBGT (women); sliding-scale limits for unimpaired mental function	Heat-induced illnesses	Recommendations include acclimatization, strict work practices, and protective equipment
Hydrazines (June 1978)	All values in ppm (mg/m^3): hydrazine: 1 (1.3), 8-hr TWA; 1,1-dimethylhydrazine: 0.5 (1.0), 8-hr TWA; phenylhydrazine: 5 (22), 8-hr TWA; methylhydrazine: 0.2 (0.35) ceiling	All are ceiling values (120 min) in ppm (mg/m^3): hydrazine: 0.03 (0.04); 1,1-dimethylhydrazine: 0.06 (0.15); phenylhydrazine: 0.14 (0.6); methylhydrazine: 0.04 (0.08)	Liver, blood, eye, and skin effects; cancer	Blood and urine monitoring and chest x ray required; bowel examination for some workers
Hydrogen fluoride (March 1976)	3 ppm, 8-hr TWA	3 ppm (2.5 mg F/m^3) TWA; 6 ppm (5.0 mg F/m^3) ceiling (15 min)	Skin, eye, and airway irritation; bone effects	Pelvic x ray (male workers only) and urine testing required
Hydrogen sulfide (May 1977)	20 ppm acceptable ceiling; 50 ppm maximum ceiling (10 min)	10 ppm (15 mg/m^3) ceiling (10 min)	Irritation; severe acute effects involving nervous and respiratory systems	Continuous monitoring required if potential exists for exposure to ≥ 70 mg/m^3; evacuation required at this level
Hydroquinone (April 1978)	2 mg/m^3, 8-hr TWA	0.44 ppm (2 mg/m^3) ceiling (15 min)	Eye and skin effects	Special provisions for darkroom use
Identification system for occupationally hazardous materials (December 1974)	Sections of Hazard Communication and Carcinogen Standards may be applicable	Complete designation system for occupationally hazardous materials	None	Includes definition, safety data sheets, alert symbols, and label statements
Isopropyl alcohol (March 1976)	400 ppm (980 mg/m^3), 8-hr TWA	400 ppm (984 mg/m^3) TWA; 800 ppm (1,968 mg/m^3) ceiling (15 min)	Mucous membrane irritation; possible cancer threat in manufacturing process	More stringent work practices and medical surveillance for manufacturing workers required
Kepone (January 1976)	None	1 $\mu g/m^3$ TWA	Nervous system effects; liver cancer	Liver function testing required

+ Date recommendation was transmitted to OSHA is in parentheses.

* NIOSH TWA recommendations are based on exposures up to 10 hours unless otherwise noted.

		NIOSH Recommendations		
Potential Hazard +	OSHA Standard	NIOSH Recommended Exposure Limit(s) *	Health Effect(s) Considered	Comments
Ketones (June 1978)	All are 8-hr TWA values in ppm (mg/m^3): acetone: 1,000 (2,400); methyl ethyl ketone: 200 (590); methyl n-propyl ketone: 200 (700); methyl n-butyl ketone: 100 (410); methyl n-amyl ketone: 100 (465); methyl isobutyl ketone: 100 (410); methyl isoamyl ketone: none; diisobutyl ketone: 50 (290); cyclohexanone: 50 (200); mesityl oxide: 25 (100); diacetone alcohol: 50 (240); isophorone: 25 (140)	All are TWA values in ppm (mg/m^3): acetone: 250 (590); methyl ethyl ketone: 200 (590); methyl n-propyl ketone: 150 (530); methyl n-butyl ketone: 1 (4); methyl n-amyl ketone: 100 (465); methyl isobutyl ketone: 50 (200); methyl isoamyl ketone: 50 (230); diisobutyl ketone: 25 (140); cyclohexanone: 25 (100); mesityl oxide: 10 (40); diacetone alcohol: 50 (240); isophorone: 4 (23)	Irritation; liver, kidney, and nervous system effects	Urinalysis required; workers exposed to methyl n-butyl ketone to be warned of nervous system effects
Land-based oil and gas well drilling, comprehensive safety recommendations for (Technical Guideline September 1983; reaffirmed March 1984 as part of NIOSH testimony at OSHA hearing)	Many aspects covered under the numerous OSHA regulations for General Industry (29 CFR 1910)	Various recommendations for safe work practices and technologic improvements	Injury and death	Many tasks, types of equipment, and conditions not covered by existing regulations
Lead, inorganic (January 1973; revised May 1978)	50 ug/m^3, 8-hr TWA; over 8-hr exposure to be determined by formula	<100 ug/m^3 TWA; air level to be maintained so that worker blood lead remains $\leq$60 ug/100g	Kidney, blood, and nervous system effects	Blood monitoring required
Lockout/tagout, guidelines for controlling hazardous energy during maintenance and servicing (Technical Guideline September 1983)	Many aspects covered under OSHA regulations for General Industry (29 CFR 1910) and Construction Standards (29 CFR 1926)	Work-practice recommendations for controlling hazardous energy during maintenance and servicing activities	Injury and death	"Energy" defined in this document as kinetic energy, potential energy, electrical energy, and thermal energy
Logging from felling to first haul (July 1976)	None	Extensive work-practice and personal protection recommendations	Primarily trauma and falls	Immunization and first-aid programs to be instituted
Malathion (June 1976)	15 mg/m^3, 8-hr TWA	15 mg/m^3 TWA	Nervous system effects	Skin contact to be prevented; blood monitoring required
Mercury, inorganic (August 1973)	0.1 mg/m^3 acceptable ceiling	0.05 mg/m^3, 8-hr TWA	Central nervous system and mental effects	Work practices, sanitation, monitoring, and medical surveillance

+ Date recommendation was transmitted to OSHA is in parentheses.

* NIOSH TWA recommendations are based on exposures up to 10 hours unless otherwise noted.

Potential Hazard +	OSHA Standard	NIOSH Recommendations		
		NIOSH Recommended Exposure Limit(s) *	Health Effect(s) Considered	Comments
			emphasized	
Methyl alcohol (March 1976)	200 ppm (260 mg/m^3), 8-hr TWA	200 ppm (262 mg/m^3) TWA; 800 ppm (1,048 mg/m^3) ceiling (15 min)	Blindness; metabolic acidosis	None
Methyl chloromethyl ether (NIOSH testimony at OSHA hearing September 1973)	29 CFR 1910.1006	NIOSH concurs with OSHA standard	Cancer	Stringent workplace controls and medical surveillance required
Methyl parathion (September 1976)	None	0.2 mg/m^3 TWA	Nervous system effects	Skin contact to be prevented; blood monitoring required
4,4'-Methylenebis (2-chloroaniline) (MOCA) (Special Hazard Review September 1973)	Standard formally revoked by OSHA, August 1975	3 $\mu g/m^3$ TWA (lowest detectable level)	Cancer	Chest x ray; blood and urine testing required
Methylene chloride (March 1976)	500 ppm, 8-hr TWA; 1,000 ppm acceptable ceiling; 2,000 ppm acceptable maximum peak for 5 minutes in any 2-hr period above the acceptable ceiling for an 8-hr shift	75 ppm (261 mg/m^3) TWA; 500 ppm (1,740 mg/m^3) ceiling (15 min) to be lowered in presence of carbon monoxide	Central nervous system effects; carbon monoxide toxicity	Blood monitoring required
Monohalomethanes (CIB September 1984)	Methyl chloride: 100 ppm, 8-hr TWA; 200 ppm ceiling; 300 ppm acceptable maximum peak for 5 minutes in any 3-hr period above the acceptable ceiling for an 8-hr shift; methyl bromide: 20 ppm (80 mg/m^3) ceiling (Skin); methyl iodide: 5 ppm (28 mg/m^3), 8-hr TWA (Skin)	Exposure to methyl chloride, methyl bromide, and methyl iodide should be reduced to the lowest feasible level	Cancer; for methyl chloride: cancer and teratogenicity	None
alpha-Naphthylamine (NIOSH testimony at OSHA hearing September 1973)	29 CFR 1910.1004	NIOSH concurs with OSHA standard	Cancer	Stringent workplace controls and medical surveillance required
beta-Naphthylamine (NIOSH testimony at OSHA hearing September 1973)	29 CFR 1910.1009	NIOSH concurs with OSHA standard	Cancer	Stringent workplace controls and medical surveillance required
Niax® Catalyst ESN (Joint NIOSH/OSHA CIB May 1978)	OSHA and NIOSH recommend that exposure to Niax® Catalyst ESN and its components, dimethylaminopropionitrile and bis[2-(dimethylamino)ethyl] ether be minimized		Urological disorders; nervous system effects	Work-practice and engineering controls to reduce exposure

+ Date recommendation was transmitted to OSHA is in parentheses.

* NIOSH TWA recommendations are based on exposures up to 10 hours, unless otherwise noted.

Potential Hazard +	OSHA Standard	NIOSH Recommendations		
		NIOSH Recommended Exposure Limit(s) *	Health Effect(s) Considered	Comments
Nickel carbonyl (Special Hazard Review May 1977)	1 ppb (7 ug/m^3), 8-hr TWA	1 ppb (7 ug/m^3) TWA (least detectable level)	Cancer	Chest x ray, pulmonary function testing, and urine monitoring required
Nickel, inorganic compounds (May 1977)	1 mg/m^3, 8-hr TWA	15 ug Ni/m^3 TWA	Skin effects; lung and nasal cancer	Chest x ray and pulmonary function testing required
Nitric acid (March 1976)	2 ppm (5 mg/m^3), 8-hr TWA	2 ppm (5 mg/m^3) TWA	Dental erosion; nasal/lung irritation	Skin and eye contact to be prevented; chest x ray required
Nitriles (September 1978)	Acetonitrile: 40 ppm (70 mg/m^3), 8-hr TWA; tetramethyl succinonitrile: 0.5 ppm (3 mg/m^3), 8-hr TWA (Skin)	All are TWA values in ppm (mg/m^3): acetonitrile: 20 (34); n-butyronitrile: 8 (22); isobutyronitrile: 8 (22); propionitrile: 6 (14); malononitrile: 3 (8); adiponitrile: 4 (18); succinonitrile: 6 (20). All ceiling values (15 min) in ppm (mg/m^3): acetone cyanohydrin: 1 (4); glycolonitrile: 2 (5); tetramethylsuccinonitrile: 1 (6). When present as mixtures or with other sources of cyanide, exposure to be considered additive and environmental limit to be calculated.	Hepatic, renal, respiratory, cardiovascular, gastrointestinal, and nervous system effects	Chest x ray and pulmonary function testing required; trained personnel and first-aid kits to be available during use; skin and eye contact to be prevented
4-Nitrobiphenyl (NIOSH testimony at OSHA hearing September 1973)	29 CFR 1910.1003	NIOSH concurs with OSHA standard	Cancer	Stringent workplace controls and medical surveillance required
Nitrogen, oxides (March 1976)	NO_2: 5 ppm (9 mg/m^3) ceiling; NO: 25 ppm (30 mg/m^3), 8-hr TWA	NO_2: 1 ppm (1.8 mg/m^3) ceiling (15 min); NO: 25 ppm (30 mg/m^3) TWA	Respiratory effects; blood effects	Pulmonary function testing required
Nitroglycerin and ethylene glycol dinitrate (EGDN) (June 1978)	Nitroglycerin: 2 mg/m^3, (0.2 ppm) ceiling (Skin); EGDN: 1 mg/m^3 (0.2 ppm) ceiling (Skin)	0.1 mg/m^3 ceiling (20 min) recommended limit for either substance alone or mixtures	Circulatory system effects	Skin contact to be prevented

+ Date recommendation was transmitted to OSHA is in parentheses.

* NIOSH TWA recommendations are based on exposures up to 10 hours unless otherwise noted.

		NIOSH Recommendations		
Potential Hazard +	OSHA Standard	NIOSH Recommended Exposure Limit(s) *	Health Effect(s) Considered	Comments
2-Nitronaphthalene (CIB December 1976)	None	Reduce exposure to lowest feasible level	Cancer	Compound metabolizes to beta-naphthylamine, a known carcinogen
2-Nitropropane (CIB April 1977; revised October 1980 in Joint OSHA/NIOSH Health Hazard Alert)	25 ppm (90 mg/m^3), 8-hr TWA	Reduce exposure to lowest feasible level	Cancer	Medical monitoring with specific emphasis on liver function tests
N-Nitrosodimethylamine (NIOSH testimony at OSHA hearing September 1973)	29 CFR 1910.1016	NIOSH concurs with OSHA standard	Cancer	Stringent workplace controls and medical surveillance required
Noise (August 1972)	90 dBA, 8-hr TWA	85 dBA TWA; 115 dBA ceiling	Hearing damage	None
Organotin compounds (November 1976)	0.1 mg tin/m^3, 8-hr TWA	0.1 mg tin/m^3 TWA	Eye, skin, liver, nervous system, and heart effects	Chest x ray, blood and urine monitoring, eye tests, heart examination, and nervous system testing required; skin and eye contact to be prevented
Paint and allied coating products, manufacture of (September 1984)	Many aspects covered under the numerous OSHA regulations for General Industry (29 CFR 1910)	Various recommendations for the handling of raw materials and finished products; dispersion of pigment or resin particles; thinning, tinting, and shading; filling; and laboratory functions	Injury and a wide range of toxicities considered	Paint and allied coating products include paints, varnishes, lacquers, stains, putties, and paint and varnish removers
Parathion (June 1976)	0.1 mg/m^3, 8-hr TWA (Skin)	0.05 mg/m^3 TWA	Nervous system effects	Skin contact to be prevented; blood monitoring required
Pesticide manufacturing and formulation (July 1978)	Current OSHA PEL's or previous NIOSH REL's to be followed; stringent work-practice and medical surveillance requirements to be instituted. Pesticides considered in groups based on toxicity.		Wide range of toxicities considered; nervous and reproductive system effects; cancer	Blood monitoring required for some groups; workers to be warned of reproductive effects for some compounds; skin contact to be prevented
Phenol (July 1976)	5 ppm (19 mg/m^3), 8-hr TWA (Skin)	5.2 ppm (20 mg/m^3) TWA; 15.6 ppm (60 mg/m^3) ceiling (15 min)	Skin, eye, central nervous system, liver, and kidney effects	Skin and eye contact to be prevented
Phenyl-beta-naphthylamine (CIB December 1976)	None	Reduce exposure to lowest feasible level	Cancer	Compound metabolizes to beta-naphthylamine, a known carcinogen

+ Date recommendation was transmitted to OSHA is in parentheses.
* NIOSH TWA recommendations are based on exposures up to 10 hours unless otherwise noted.

Potential Hazard +	OSHA Standard	NIOSH Recommendations		
		NIOSH Recommended Exposure Limit(s) *	Health Effect(s) Considered	Comments
Phosgene (February 1976)	0.1 ppm (0.4 mg/m^3), 8-hr TWA	0.1 ppm (0.4 mg/m^3) TWA; 0.2 ppm (0.8 mg/m^3) ceiling (15 min)	Respiratory effects	Pulmonary function testing and x ray required
Polychlorinated biphenyls (September 1977)	42% chlorine: 1 mg/m^3, 8-hr TWA; 54% chlorine: 0.5 mg/m^3, 8-hr TWA	1 ug/m^3 TWA	Cancer; skin, liver, and reproductive effects	Blood testing required; women workers of child-bearing age and nursing mothers to be warned of potential adverse effects
Precast concrete products industry, comprehensive safety recommendations for (Technical Guideline June 1984)	Many aspects covered under numerous OSHA regulations for General Industry (29 CFR 1910)	Various recommendations for safe work practices and worker training	Injury and death	Equipment, conditions, and many of the tasks specific to the industry are not covered under the existing regulations
beta-Propiolactone (NIOSH testimony at OSHA hearing September 1973)	29 CFR 1910.1013	NIOSH concurs with OSHA standard	Cancer	Stringent workplace controls and medical surveillance required
Refined petroleum solvent (July 1977)	2,900 mg/m^3 (500 ppm), 8-hr TWA (Stoddard solvent)	Kerosene 100 mg/m^3 TWA; all other solvents: 350 mg/m^3 TWA; 1,800 mg/m^3 ceiling (15 min)	Skin, lung, and nerve irritation	Blood and urine monitoring required; action level for petroleum ether, rubber solvent, naphtha: 200 mg/m^3 TWA; action level for mineral spirits and Stoddard solvent: 350 mg/m^3 TWA; action level for kerosene: 100 mg/m^3 TWA; skin contact to be prevented
Silica, crystalline (November 1974)	250/%SiO$_2$+5 in mppcf, or 10 mg/m^3/%SiO$_2$+2 (respirable quartz)	50 ug/m^3 TWA, respirable free silica	Chronic lung disease (silicosis)	X ray, pulmonary function testing required
Sodium hydroxide (September 1975)	2 mg/m^3, 8-hr TWA	2 mg/m^3 ceiling (15 min)	Respiratory irritation	Skin and eye contact to be prevented
Styrene (September 1983)	100 ppm, 8-hr TWA; 200 ppm acceptable ceiling; 600 ppm maximum ceiling (5 min in 3 hr)	50 ppm (213 mg/m^3) TWA; 100 ppm (426 mg/m^3) ceiling	Nervous system effects; eye and respiratory system irritation	Action level set at 25 ppm; skin contact to be prevented; workers to be warned of possible adverse reproductive effects
Sulfur dioxide (February 1974; revised May 1977 as part of NIOSH testimony at OSHA hearing)	5 ppm (13 mg/m^3), 8-hr TWA	0.5 ppm (1.3 mg/m^3) TWA	Respiratory effects	Pulmonary function testing required
Sulfuric acid (June 1974)	1 mg/m^3, 8-hr TWA	1 mg/m^3 TWA	Pulmonary irritation	Skin and eye contact to be prevented

+ Date recommendation was transmitted to OSHA is in parentheses.
* NIOSH TWA recommendations are based on exposures up to 10 hours unless otherwise noted.

Potential Hazard +	OSHA Standard	NIOSH Recommendations		
		NIOSH Recommended Exposure Limit(s) *	Health Effect(s) Considered	Comments
1,1,2,2-Tetrachloroethane (December 1976; revised in CIB August 1978)	5 ppm (35 mg/m^3), 8-hr TWA (Skin)	Reduce exposure to lowest feasible level	Cancer; liver, gastrointestinal, and nervous system effects	Skin contact to be prevented; blood monitoring required
Tetrachloroethylene (July 1976; revised January 1978 in CIB)	100 ppm, 8-hr TWA; 200 ppm acceptable ceiling; 300 ppm maximum ceiling (5 min in 3 hr)	Minimize workplace exposure levels; limit number of workers exposed	Cancer	None
Thiols: n-alkane mono, cyclohexane, and benzene (September 1978)	Butylmercaptan: 10 ppm (35 mg/m^3), 8-hr TWA; ethylmercaptan: 10 ppm (25 mg/m^3) ceiling; methylmercaptan: 10 ppm (20 mg/m^3) ceiling	All values in ppm (mg/m^3), ceilings 15 min: 1-methanethiol: 0.5 (1.0); 1-ethanethiol: 0.5 (1.3); 1-propanethiol: 0.5 (1.6); 1-butanethiol: 0.5 (1.8); 1-pentanethiol: 0.5 (2.1); 1-hexanethiol: 0.5 (2.4); 1-heptanethiol: 0.5 (2.7); 1-octanethiol: 0.5 (3.0); 1-nonanethiol: 0.5 (3.3); 1-decanethiol: 0.5 (3.6); 1-undecanethiol: 0.5 (3.9); 1-dodecanethiol: 0.5 (4.1); 1-hexadecanethiol: 0.5 (5.3); 1-octadecanethiol: 0.5 (5.9); cyclohexanethiol: 0.5 (2.4); benzenethiol: 0.1 (0.5); mixtures of thiols to be controlled by calculation of equivalent concentrations	Irritation; eye, skin, blood, and nervous system effects	Blood and urine monitoring required; skin contact to be prevented
o-Tolidine (August 1978)	None	20 ug/m^3 ceiling (60 min)	Nasal irritation; cancer	Urine testing required; quarterly urine monitoring recommended; skin contact to be prevented
Toluene (January 1974)	200 ppm, 8-hr TWA; 300 ppm acceptable ceiling; 500 ppm maximum ceiling (10 min)	100 ppm (375 mg/m^3), 8-hr TWA; 200 ppm (750 mg/m^3) ceiling (10 min)	Central nervous system depressant	None
Toluene diisocyanate (July 1973; revised - - See Diisocyanates, September 1978)	0.02 ppm (0.14 mg/m^3) ceiling	0.005 ppm (0.036 mg/m^3) TWA; 0.02 ppm (0.14 mg/m^3) ceiling (20 min)	Respiratory effects	Chest x rays, blood tests, pulmonary function testing required
1,1,1-Trichloroethane (July 1976)	350 ppm (1,900 mg/m^3), 8-hr TWA	350 ppm (1,910 mg/m^3) ceiling (15 min)	Nervous system, liver, and heart effects	Action level set at 200 ppm TWA; medical warning of possible congenital abnormalities required

+ Date recommendation was transmitted to OSHA is in parentheses.

* NIOSH TWA recommendations are based on exposures up to 10 hours unless otherwise noted.

Potential Hazard +	OSHA Standard	NIOSH Recommendations		
		NIOSH Recommended Exposure Limit(s) *	Health Effect(s) Considered	Comments
1,1,2-Trichloroethane (CIB August 1978)	10 ppm (45 mg/m^3), 8-hr TWA (Skin)	Reduce exposure to lowest feasible level	Cancer	None
Trichloroethylene (July 1973; revised in Special Hazard Review, February 1978)	100 ppm, 8-hr TWA; 200 ppm acceptable ceiling; 300 ppm maximum ceiling (5 min in 2 hr)	25 ppm TWA	Cancer; central nervous system depressant	Workers to be warned of hazards; 25 ppm level can be achieved by use of existing engineering control technology
Trimellitic anhydride (CIB February 1978)	None	Should be handled in the workplace as an extremely toxic substance	Pulmonary edema; immunological sensitization; irritation of pulmonary tract, eyes, nose, and skin	Limit exposure to as few workers as possible while minimizing workplace levels
Tungsten and cemented tungsten carbide (September 1977)	None	Insoluble tungsten: 5 mg/m^3 TWA; soluble tungsten: 1 mg/m^3 TWA; dust of cemented tungsten carbide (containing >2% cobalt): 0.1 mg cobalt/m^3 TWA; dust of cemented tungsten carbide (containing >0.3% nickel): 15 ug nickel/m^3 TWA	Lung and skin effects	Pulmonary function testing and chest x ray required
Ultraviolet radiation (December 1972)	10 mW/cm^2 averaged over any 0.1-hr period	1.0 mW/cm^2 for periods >1,000 sec; 1,000 mW (1.0 J/cm^2) sec/cm^2 for periods ≤1,000 sec	Skin and eye effects	None
Vanadium (August 1977)	Vanadium pentoxide (dust): 0.5 mg/m^3 ceiling; (fume): 0.1 mg/m^3 ceiling; ferrovanadium: 1 mg/m^3, 8-hr TWA	Vanadium compounds: 0.05 mg/m^3 ceiling (15 min); metallic vanadium and vanadium carbide: 1 mg/m^3 TWA	Eye, skin, and lung effects	Pulmonary function testing and chest x ray required
Vibration syndrome (CIB March 1983)	None	Jobs should be redesigned to minimize the use of vibrating handtools; powered handtools should be redesigned to minimize vibration.	Vibration syndrome; adverse circulatory and neural effects in the fingers	None
Vinyl acetate (September 1978)	None	4 ppm (15 mg/m^3) ceiling (15 min)	Irritation	None
Vinyl chloride (March 1974; reaffirmed June 1974 as part of NIOSH testimony at OSHA hearing)	1 ppm, 8-hr TWA; 5 ppm ceiling (15 min)	Lowest reliably detectable level; air-supplied respirator with auxiliary self-contained air supply to be worn	Liver cancer	Liver function testing required

+ Date recommendation was transmitted to OSHA is in parentheses.

* NIOSH TWA recommendations are based on exposures up to 10 hours unless otherwise noted.

Potential Hazard +	OSHA Standard	NIOSH Recommendations		
		NIOSH Recommended Exposure Limit(s) *	Health Effect(s) Considered	Comments
Vinyl halides (September 1978)	None except for vinyl chloride	Vinyl halides to be controlled as specified for vinyl chloride in 29 CFR 1910.1017 with eventual goal of zero exposure	Cancer	Vinyl halides include vinyl chloride, vinylidene chloride, vinyl bromide, vinyl fluoride, and vinylidene fluoride monomers
Waste anesthetic gases and vapors (May 1977)	None for substances when used as anesthetic agents	Halogenated anesthetic agents: 2 ppm ceiling (1 hr); nitrous oxide: 25 ppm TWA during periods of use	Reproductive effects and audiovisual performance decrements	Workers to be advised of potential effects; abnormal outcome of pregnancies of workers and spouses to be documented
Xylene (May 1975)	100 ppm (435 mg/m^3), 8-hr TWA	100 ppm (434 mg/m^3) TWA; 200 ppm (868 mg/m^3) ceiling (10 min)	Central nervous system depressant; respiratory irritation	None
Zinc oxide (October 1975)	5 mg/m^3, 8-hr TWA	5 mg/m^3 TWA; 15 mg/m^3 ceiling (15 min)	Metal fume fever	None

+ Date recommendation was transmitted to OSHA is in parentheses.

* NIOSH TWA recommendations are based on exposures up to 10 hours unless otherwise noted.

BEST COPY [illegible]

APPENDIX II

NIOSH SAMPLING AND ANALYTICAL METHODS

The NIOSH Manual of Sampling and Analytical Methods, Third Edition, is now available. It has been produced in a loose leaf format so that new methods can be inserted as they become available. In the first printing 102 revised methods, covering over 200 substances, were published. Periodic additions to these original revisions have been added and will continue to be added as they are completed.

Where similarities of sampling and measurement procedures and clarity allowed, the revised methods have been written around groups of substances. The methods are arranged in alphabetical order of method name with separate sections for air, biological, and bulk samples. Chapters on Quality Assurance, Air Sampling, Development and Evaluation of Methods, and Biological Samples are included.

The Manual can be ordered from:

Superintendent of Documents
U. S. Government Printing Office
Washington, D.C. 20402

The subscription price is $31.00, which includes the annual updates.

Specific questions about any of the analytical methods should be directed to the Division of Physical Sciences and Engineering, Manual Coordinator, NIOSH, 4676 Columbia Parkway, Cincinnati, Ohio 45226, telephone (513) 841-4323.

INDEX OF NAMES AND SYNONYMS

The references to method title and number are listed in the following manner:

ACETIC ACID, 1603	(Method title)
Ethanoic acid, see ACETIC ACID, 1603	(Synonym)
Glacial acetic acid, see ACETIC ACID, 1603	(Synonym)
Methane carboxylic acid, see ACETIC ACID, 1603	(Synonym)
CAS #64-19-7, see ACETIC ACID, 1603	(Chemical Abstracts Registry Number)

Acenaphthene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Acenaphthylene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
ACETIC ACID, 1603
Acetic acid anhydride, see ACETIC ANHYDRIDE, 3506
Acetic acid butyl ester, see ESTERS I, 1450
Acetic acid 1,1-dimethylethyl ester, see ESTERS I, 1450
Acetic acid ethylene glycol monoethyl ether ester, see ESTERS I, 1450
Acetic acid isobutyl ester, see ESTERS I, 1450
Acetic acid 3-methyl-1-butanol ester, see ESTERS I, 1450
Acetic acid 4-methyl-2-pentanol ester, see ESTERS I, 1450
Acetic acid 1-methyl propyl ester, see ESTERS I, 1450
Acetic acid 1-pentanol ester, see ESTERS I, 1450
Acetic acid 2-pentanol ester, see ESTERS I, 1450
Acetic acid n-propyl ester, see ESTERS I, 1450
ACETIC ANHYDRIDE, 3506
Acetone, see KETONES I, 1300
ACETONE CYANOHYDRIN, 2506
ACETONITRILE, 1606
3-(a-Acetonylbenzyl)-4-hydroxycoumarin, see WARFARIN, 5002
Acetyl oxide, see ACETIC ANHYDRIDE, 3506
Acetylene black, see CARBON BLACK, 5000
Acetylene dichloride, see HYDROCARBONS, HALOGENATED, 1003
Acetylene tetrabromide, see 1,1,2,2-TETRABROMOETHANE, 2003
ACIDS, INORGANIC, 7903
Acraldehyde, see ACROLEIN, 2501
ACROLEIN, 2501
ACRYLONITRILE, 1604
Actinolite, see FIBERS, 7400
Aerosil, see SILICA, AMORPHOUS, 7501
ALAD in blood, 8000
ALCOHOLS I, 1400
ALCOHOLS II, 1401
ALCOHOLS III, 1402
ALCOHOLS IV, 1403

BEST CO

ALDRIN and LINDANE, 5502
Alkali, see ALKALINE DUSTS, 7401
ALKALINE DUSTS, 7401
Allyl alcohol, see ALCOHOLS III, 1402
ALLYL CHLORIDE, 1000
Alumina, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600; ALUMINUM, 7013
Aluminum, 7013; also see ELEMENTS, 7300; METALS in urine, 8310
Amidine black GA, see DYES, 5013
Amidine blue 2B, see DYES, 5013
AMINES, AROMATIC, 2002
2-Aminoanisole, see ANISIDINE, 2514
Aminobenzene, see AMINES, AROMATIC, 2002
AMINOETHANOL COMPOUNDS, 2007
2-Aminoethanol, see AMINOETHANOL COMPOUNDS, 2007
delta-Aminolevulinic acid dehydratase in blood, see ALAD in blood, 8000
p-Aminophenylarsonic acid, see ARSENIC, ORGANO-, 5022
2-Aminotoluene, see AMINES, AROMATIC, 2002
AMMONIA, 6701
Amorphous carbon, see CARBON BLACK, 5000
Amosite, see FIBERS, 7400
n-Amyl acetate, see ESTERS I, 1450
sec-Amyl acetate, see ESTERS I, 1450
Aniline, see AMINES, AROMATIC, 2002
ANISIDINE, 2514
Anthophyllite, see FIBERS, 7400
Anthracene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Antimony, see ELEMENTS in blood or tissue, 8005
Aqua fortis, see ACIDS, INORGANIC, 7903
Aroclor-1016, see POLYCHLOROBIPHENYLS, 5503
Aroclor-1242, see POLYCHLOROBIPHENYLS, 5503
Aroclor-1254, see POLYCHLOROBIPHENYLS, 5503
Aroclor-5460, see CHLORINATED TERPHENYL, 5014
Aroclor in serum, see POLYCHLOROBIPHENYLS in serum, 8004
p-Arsanilic acid, see ARSENIC, ORGANO-, 5022
ARSENIC (hydride AAS), 7900; also see ELEMENTS, 7300
ARSENIC, ORGANO-, 5022
ARSENIC TRIOXIDE (graphite AAS), 7901
Arsenous acid anhydride, see ARSENIC TRIOXIDE, 7901
Arsenolite, see ARSENIC TRIOXIDE, 7901
Arsenous sesquioxide, see ARSENIC TRIOXIDE, 7901
ARSINE, 6001
Asbestos, see FIBERS, 7400
Asbestos (bulk), see CHRYSOTILE ASBESTOS, 9000
AZELAIC ACID, 5019
Azimethylene, see DIAZOMETHANE, 2515

B[a]P, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Barium in urine, see METALS in urine, 8310
B[b]F, see see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Benz[a]anthracene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
1,2-Benzanthracene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Benz[e]acephenanthrylene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Benzenamine, see AMINES, AROMATIC, 2002
Benzene, see HYDROCARBONS, BP 36-126 °C, 1500; HYDROCARBONS, AROMATIC, 1501
1,4-Benzenediol, see HYDROQUINONE, 5004
Benzene-solubles, see COAL TAR PITCH VOLATILES, 5023
Benzidine, see DYES, 5013; BENZIDINE and 3,3'-DICHLOROBENZIDINE, 5509
BENZIDINE in urine (TLC), 8304
BENZIDINE in urine (GC), 8306
Benzin, see NAPHTHAS, 1550
Benzo[a]phenanthrene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Benzo[a]pyrene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Benzo Azurine G, see DYES, 5013
Benzo[b]fluoranthene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Benzo[b]phenanthrene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Benzo[def]phenanthrene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Benzo[e]pyrene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
2,3-Benzofluoranthene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
3,4-Benzofluoranthene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
11,12-Benzofluoranthene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Benzo[k]fluoranthene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Benzo[k]fluorene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Benzo[ghi]perylene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515

1,12-Benzoperylene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
1,2-Benzophenanthrene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
2,3-Benzophenanthrene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
1,2-Benzopyrene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
3,4-Benzopyrene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
4,5-Benzopyrene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
6,7-Benzopyrene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Benzopurpurine 4B, see DYES, 5013
N-Benzoylglycine in urine, see HIPPURIC ACID in urine, 8300; HIPPURIC and METHYL HIPPURIC ACIDS in urine, 8301
BENZOYL PEROXIDE, 5009
Benzoyl superoxide, see BENZOYL PEROXIDE, 5009
Benzyl chloride, see HYDROCARBONS, HALOGENATED, 1003
B[e]P, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
BERYLLIUM, 7102; also see ELEMENTS, 7300
1,1'-Biphenyl, chloro, see POLYCHLOROBIPHENYLS, 5503
[1,1'-Biphenyl]-4,4'-diamine, see BENZIDINE in urine (TLC), 8304; BENZIDINE in urine (GC), 8306; BENZIDINE and 3,3'-DICHLOROBENZIDINE, 5509
Bis (2-chloroethyl) ether, see sym-DICHLOROETHYL ETHER, 1004
Bis(dimethylthiocarbamoyl)disulfide, see THIRAM, 5005
Bis(2-ethylhexyl) phthalate, see DI(2-ETHYLHEXYL) PHTHALATE, 5020
BORON CARBIDE, 7506
Boron oxide, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600
BP, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Bromochloroethane, see HYDROCARBONS, HALOGENATED, 1003
Bromoethane, see ETHYL BROMIDE, 1011
Bromoethene, see VINYL BROMIDE, 1009
Bromoethylene, see VINYL BROMIDE, 1009
Bromoform, see HYDROCARBONS, HALOGENATED, 1003
Bromomethane, see METHYL BROMIDE, 2520
BROMOXYNIL and BROMOXYNIL OCTANOATE, 5010
1-Butanol, see ALCOHOLS II, 1401
2-Butanol, see ALCOHOLS II, 1401
2-BUTANONE, 2500
2-BUTANONE, ETHANOL, and TOLUENE in blood, 8002
2-Butoxyethanol, see ALCOHOLS IV, 1403
n-Butyl acetate, see ESTERS I, 1450
sec-Butyl acetate, see ESTERS I, 1450
tert-Butyl acetate, see ESTERS I, 1450
n-Butyl alcohol, see ALCOHOLS II, 1401
sec-Butyl alcohol, see ALCOHOLS II, 1401
tert-Butyl alcohol, see ALCOHOLS I, 1400
Butyl Cellosolve, see ALCOHOLS IV, 1403
n-Butyl phthalate, see DIBUTYL PHTHALATE, 5020
1-tert-Butyl-4-methylbenzene, see HYDROCARBONS, AROMATIC, 1501
p-tert-Butyltoluene, see HYDROCARBONS, AROMATIC, 1501

Cab-o-sil, see SILICA, AMORPHOUS, 7501
Cacodylic acid, see ARSENIC, ORGANO-, 5022
CADMIUM, 7048; also see WELDING and BRAZING FUME, 7200; ELEMENTS, 7300; ELEMENTS in blood or tissue, 8005; METALS in urine, 8310
CALCIUM, 7020; also see ELEMENTS, 7300
Calcium carbonate, see NUISANCE DUST, TOTAL 0500; NUISANCE DUST, RESPIRABLE 0600
Calcium silicate, see NUISANCE DUST, TOTAL 0500; NUISANCE DUST, RESPIRABLE 0600
Camphor, see KETONES II, 1301
CARBARYL, 5006
Carbinol, see METHANOL, 2000
Carbolic acid, see PHENOL, 3502
Carbolic acid, see PHENOL and *p*-CRESOL in urine, 8305
CARBON BLACK, 5000
CARBON DISULFIDE, 1600
Carbon tetrachloride, see HYDROCARBONS, HALOGENATED, 1003
Caustic soda, see ALKALINE DUSTS, 7401
Cellosolve, see ALCOHOLS IV, 1403
Cellosolve acetate, see ESTERS I, 1450
Cellulose (paper fiber), see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600
China white, see ZINC OXIDE, 7502
Chlordecone, see KEPONE, 5508
CHLORINATED TERPHENYL, 5014
Chlorinated triphenyl, see CHLORINATED TERPHENYL, 5014
Chlorobenzene, see HYDROCARBONS, HALOGENATED, 1003
Chlorobromomethane, see HYDROCARBONS, HALOGENATED, 1003
2-Chloro-1,3-butadiene, see CHLOROPRENE, 1002
Chlorodiphenyl, see POLYCHLOROBIPHENYLS, 5503
Chlorodiphenyl in serum, see POLYCHLOROBIPHENYLS in serum, 8004

1-Chloro-2,3-epoxypropane, see EPICHLOROHYDRIN, 1010
Chloroethane, see ETHYL CHLORIDE, 2519
Chloroethane, see VINYL CHLORIDE, 1007
2-Chloroethanol, see ETHYLENE CHLOROHYDRIN, 2513
Chloroethylene, see VINYL CHLORIDE, 1007
Chloroform, see HYDROCARBONS, HALOGENATED, 1003
(Chloromethyl)benzene, see HYDROCARBONS, HALOGENATED, 1003
Chloromethyloxirane, see EPICHLOROHYDRIN, 1010
4-Chloronitrobenzene, see NITROBENZENES, 2005
CHLOROPRENE, 1002
beta-Chloroprene, see CHLOROPRENE, 1002
3-Chloro-1-propene, see ALLYL CHLORIDE, 1000
Chloropropylene oxide, see EPICHLOROHYDRIN, 1010
a-Chlorotoluene, see HYDROCARBONS, HALOGENATED, 1003
Chrome leather brown, see DYES, 5013
Chromic acid, see CHROMIUM, HEXAVALENT, 7600
CHROMIUM, 7024; also see WELDING and BRAZING FUME, 7200; ELEMENTS, 7300; ELEMENTS in blood or tissue, 8005
CHROMIUM, HEXAVALENT, 7600
Chromium trioxide, see CHROMIUM, HEXAVALENT, 7600
Chrysene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Chrysotile, see FIBERS, 7400; CHRYSOTILE ASBESTOS (bulk), 9000
CHRYSOTILE ASBESTOS (bulk), 9000
C.I. 22120, see DYES, 5013
C.I. 22610, see DYES, 5013
C.I. 23500, see DYES, 5013
C.I. 24140, see DYES, 5013
C.I. 30145, see DYES, 5013
C.I. 30235, see DYES, 5013
C.I. Direct black 38, see DYES, 5013
C.I. Direct blue 6, see DYES, 5013
C.I. Direct blue 8, see DYES, 5013
C.I. Direct brown 95, see DYES, 5013
C.I. Direct red 2, see DYES, 5013
C.I. Direct red 28, see DYES, 5013
Cinerin I, see PYRETHRUM, 5008
Cinerin II, see PYRETHRUM, 5008
Claudetite, see ARSENIC TRIOXIDE, 7901
Coal tar naphtha, see NAPHTHAS, 1550
COAL TAR PITCH VOLATILES, 5023
COBALT, 7027; also see ELEMENTS, 7300; ELEMENTS in blood or tissue, 8005
Colloidal silica, see SILICA, AMORPHOUS, 7501
Congo red, see DYES, 5013
COPPER (dust and fume), 7029; also see WELDING and BRAZING FUME, 7200; ELEMENTS, 7300; ELEMENTS in blood or tissue, 8005; METALS in urine, 8310
Creosote from coal tar, see COAL TAR PITCH VOLATILES, 5023
m-Cresol, o-Cresol, and p-Cresol, see CRESOLS, 2001
p-Cresol, see PHENOL and p-CRESOL in urine, 8305
CRESOLS, 2001
Cristobalite, see SILICA, CRYSTALLINE (XRD), 7500; (color), 7601; (IR), 7602
Crocidolite, see FIBERS, 7400
Cryolite, see FLUORIDES, 7902
Cube, see ROTENONE, 5007
Cumene, see HYDROCARBONS, AROMATIC, 1501
CYANIDES (aerosol and gas), 7904
Cyanomethane, see ACETONITRILE, 1606
2-Cyano-2-propanol, see ACETONE CYANOHYDRIN, 2506
Cyclohexane, see HYDROCARBONS, BP 36-126 °C, 1500
Cyclohexane-solubles, see COAL TAR PITCH VOLATILES, 5023
Cyclohexanol, see ALCOHOLS III, 1402
Cyclohexanone, see KETONES I, 1300
Cyclohexene, see HYDROCARBONS, BP 36-126 °C, 1500
1,3-CYCLOPENTADIENE, 2523

2,4-D and 2,4,5-T, 5001
DBP, see DIBUTYL PHTHALATE, 5020
DEMETON, 5514
Diacetone alcohol, see ALCOHOLS III, 1402
Diamide, see HYDRAZINE, 3503
Diamine, see HYDRAZINE, 3503
Di-(4-amino-3-chlorophenyl)methane in urine, see MBOCA in urine, 8302
p-Diaminodiphenyl, see BENZIDINE and 3,3'-DICHLOROBENZIDINE, 5509
o-Dianisidine, see DYES, 5013
Diatomaceous earth, see SILICA, AMORPHOUS, 7501
Diazirine, see DIAZOMETHANE, 2515

DIAZOMETHANE, 2515
Dibenz[a,h]anthracene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
1,2,5,6-Dibenzanthracene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Dibenzoyl peroxide, see BENZOYL PEROXIDE, 5009
2,6-Dibromo-4-cyanophenol, see BROMOXYNIL and BROMOXYNIL OCTANOATE, 5010
2,6-Dibromo-4-cyanophenyl octanoate, see BROMOXYNIL and BROMOXYNIL OCTANOATE, 5010
DIBROMODIFLUOROMETHANE, 1012
1,2-Dibromoethane, see ETHYLENE DIBROMIDE, 1008
3,5-Dibromo-4-hydroxybenzonitrile, see BROMOXYNIL and BROMOXYNIL OCTANOATE, 5010
2-Dibutylaminoethanol, see AMINOETHANOL COMPOUNDS, 2007
DIBUTYL PHOSPHATE, 5017
DIBUTYL PHTHALATE, 5020
1,2-Dichlorobenzene, see HYDROCARBONS, HALOGENATED, 1003
1,4-Dichlorobenzene, see HYDROCARBONS, HALOGENATED, 1003
o-Dichlorobenzene, see HYDROCARBONS, HALOGENATED, 1003
p-Dichlorobenzene, see HYDROCARBONS, HALOGENATED, 1003
3,3'-Dichlorobenzidine, see BENZIDINE and 3,3'-DICHLOROBENZIDINE, 5509
3,3'-Dichloro[1,1'-biphenyl]-4,4'-diamine, see BENZIDINE and 3,3'-DICHLOROBENZIDINE, 5509
1,1-Dichloroethane, see HYDROCARBONS, HALOGENATED, 1003
1,2-Dichloroethane, see HYDROCARBONS, HALOGENATED, 1003
1,2-Dichloroethene, see HYDROCARBONS, HALOGENATED, 1003
sym-DICHLOROETHYL ETHER, 1004
1,2-Dichloroethylene, see HYDROCARBONS, HALOGENATED, 1003
DICHLOROFLUOROMETHANE, 2516
Dichloromethane, see METHYLENE CHLORIDE, 1005
1,1-DICHLORO-1-NITROETHANE, 1601
(2,4-Dichlorophenoxy) acetic acid, see 2,4-D and 2,4,5-T, 5001
1,2-DICHLOROPROPANE, 1013
1,2-Dichloropropane, see HYDROCARBONS, HALOGENATED, 1003
2-Diethylaminoethanol, see AMINOETHANOL COMPOUNDS, 2007
Diethyl ether, see ETHYL ETHER, 1610
1,4-Diethylene dioxide, see DIOXANE, 1602
Diethylene oxide, see TETRAHYDROFURAN, 1609
Diethylene ether, see DIOXANE, 1602
DI(2-ETHYLHEXYL) PHTHALATE, 5020
Difluorodibromomethane, see DIBROMODIFLUOROMETHANE, 1012
Diisobutyl ketone, see KETONES I, 1300
Dimethoxymethane, see METHYLAL, 1611
N,N-Dimethylacetamide, see DIMETHYLFORMAMIDE, 2004
p-Dimethylaminotoluene, see AMINES, AROMATIC, 2002
N,N-Dimethylaniline, see AMINES, AROMATIC, 2002
2,4-Dimethylaniline, see AMINES, AROMATIC, 2002
Dimethylarsenic acid, see ARSENIC, ORGANO-, 5022
1,3-Dimethyl butyl acetate, see ESTERS I, 1450
Dimethylbenzene, see HYDROCARBONS, AROMATIC, 1501
N,N-Dimethylbenzeneamine, see AMINES, AROMATIC, 2002
1,1'-Dimethyl-4,4'-bipyridinium bis methyl sulfate, see PARAQUAT, 5003
1,1'-Dimethyl-4,4'-bipyridinium dichloride, see PARAQUAT, 5003
Dimethylene oxide, see ETHYLENE OXIDE, 1607
DIMETHYLFORMAMIDE, 2004
N,N-Dimethylformamide, see DIMETHYLFORMAMIDE, 2004
2,6-Dimethyl-4-heptanone, see KETONES I, 1300
Dimethyl 2-methoxycarbonyl-1-methylethenyl phosphate, see MEVINPHOS, 2503
[(Dimethoxyphosphinothioyl)thio] butanedioic acid diethyl ester, see EPN, MALATHION, and PARATHION, 5012
DIMETHYL SULFATE, 2524
N,N-Dimethyl-*p*-toluidine, see AMINES, AROMATIC, 2002
Dioctyl phthalate, see DI(2-ETHYLHEXYL) PHTHALATE, 5020
Dioxan, see DIOXANE, 1602
DIOXANE, 1602
p-Dioxane, see DIOXANE, 1602
o-Diphenyl benzene, see *o*-TERPHENYL, 5021
Diphosphoric acid tetraethyl ester, see TETRAETHYL PYROPHOSPHATE, 2504
Direct Azurine G, see DYES, 5013
Dithiocarbonic anhydride, see CARBON DISULFIDE, 1600
DMF, see DIMETHYLFORMAMIDE, 2004
DOP, see DI(2-ETHYLHEXYL) PHTHALATE, 5020
DYES, BENZIDINE, *o*-ANISIDINE, and *o*-TOLIDINE, 5013

EDB, see ETHYLENE DIBROMIDE, 1008
EGDN, see NITROGLYCERIN and ETHYLENE GLYCOL DINITRATE, 2507
ELEMENTS (ICP), 7300
ELEMENTS in blood or tissue, 8005
Emery, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600
EPICHLOROHYDRIN, 1010

BEST COPY

EPN, MALATHION, and PARATHION, 5012
1,2-Epoxyethane, see ETHYLENE OXIDE, 1607
1,2-Epoxypropane, see PROPYLENE OXIDE, 1612
2,3-Epoxy-1-propanol, see GLYCIDOL, 1608
Epoxypropyl alcohol, see GLYCIDOL, 1608
ESTERS I, 1450
1,2-Ethanediol, see ETHYLENE GLYCOL, 5500
Ethanoic acid, see ACETIC ACID, 1603
Ethanol, see ALCOHOLS I, 1400
Ethanol in blood, see 2-BUTANONE, ETHANOL, and TOLUENE in blood, 8002
Ethanolamine, see AMINOETHANOL COMPOUNDS, 2007
2-Ethoxyethanol, see ALCOHOLS IV, 1403
2-Ethoxyethyl acetate, see ESTERS I, 1450
Ethyl acrylate, see ESTERS I, 1450
Ethyl alcohol, see ALCOHOLS I, 1400
Ethyl alcohol in blood, see 2-BUTANONE, ETHANOL, and TOLUENE in blood, 8002
Ethyl amyl ketone, see KETONES II, 1301
ETHYL BROMIDE, 1011
Ethyl butyl ketone, see KETONES II, 1301
ETHYL CHLORIDE, 2519
ETHYL ETHER, 1610
Ethylbenzene, see HYDROCARBONS, AROMATIC, 1501
ETHYLENE CHLOROHYDRIN, 2513
ETHYLENE DIBROMIDE, 1008
Ethylene dichloride, see HYDROCARBONS, HALOGENATED, 1003
Ethylene dinitrate, see NITROGLYCERIN and ETHYLENE GLYCOL DINITRATE, 2507
ETHYLENE GLYCOL, 5500
Ethylene glycol dinitrate, see NITROGLYCERIN and ETHYLENE GLYCOL DINITRATE, 2507
ETHYLENE OXIDE, 1607
ETHYLENE THIOUREA, 5011
Ethylidene chloride, see HYDROCARBONS, HALOGENATED, 1003
ETU, see ETHYLENE THIOUREA, 5011

FIBERS, 7400
Fibrous glass, see NUISANCE DUST, TOTAL, 0500; FIBERS, 7400
Fluoranthene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Fluorene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
FLUORIDE in urine, 8308
FLUORIDES (aerosol and gas), 7902
Formal, see METHYLAL, 1611
FORMALDEHYDE (oxazolidine), 2502
FORMALDEHYDE (chromotropic acid), 3500
FORMALDEHYDE (Girard T), 3501
Formonitrile, see CYANIDES, 7904
Free crystalline silica, see SILICA, CRYSTALLINE (XRD), 7500; (color), 7601; (IR), 7602
Freon 21, see DICHLOROFLUOROMETHANE, 2516
Freon 1282, see DIBROMODIFLUOROMETHANE, 1012
Fumed amorphous silica, see SILICA, AMORPHOUS, 7501
Furnace black, see CARBON BLACK, 5000
Fused amorphous silica, see SILICA, AMORPHOUS, 7501

Galena, see LEAD SULFIDE, 7505
Glacial acetic acid, see ACETIC ACID, 1603
Glycerin mist, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600
Glycide, see GLYCIDOL, 1608
GLYCIDOL, 1608
Glycol, see ETHYLENE CHLOROHYDRIN, 2513
Graphite (synthetic), see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600
Grunerite, see FIBERS, 7400
Gumspirits, see TURPENTINE, 1551
Gypsum, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600

Halon 112, see DICHLOROFLUOROMETHANE, 2516
Halon 1011, see HYDROCARBONS, HALOGENATED, 1003
HCN, see CYANIDES, 7904
n-Heptane, see HYDROCARBONS, BP 36-126 °C, 1500
1,7-Heptanedicarboxylic acid, see AZELAIC ACID, 5019
2-Heptanone, see KETONES II, 1301
3-Heptanone, see KETONES II, 1301
gamma-Hexachlorocyclohexane, see ALDRIN and LINDANE, 5502
HEXACHLORO-1,3-CYCLOPENTADIENE, 2518
Hexachloroethane, see HYDROCARBONS, HALOGENATED, 1003
Hexahydrobenzene, see HYDROCARBONS, BP 36-126 °C, 1500
Hexalin, see ALCOHOLS III, 1402
Hexamethylene, see HYDROCARBONS, BP 36-126 °C, 1500

n-Hexane, see HYDROCARBONS, BP 36-126 °C, 1500
2-Hexanone, see KETONES I, 1300
Hexone, see KETONES I, 1300
sec-Hexyl acetate, see ESTERS I, 1450
HF, see FLUORIDES, 7902; ACIDS, INORGANIC, 7903
HIPPURIC ACID in urine (color), 8300
HIPPURIC and METHYL HIPPURIC ACIDS in urine (HPLC), 8301
Hi-sil, see SILICA, AMORPHOUS, 7501
Hydrated amorphous silica, see SILICA, AMORPHOUS, 7501
Hydrated lime, see CALCIUM, 7020
HYDRAZINE, 3503
Hydrobromic acid, see ACIDS, INORGANIC, 7903
HYDROCARBONS, AROMATIC, 1501
HYDROCARBONS, BP 36-126 °C, 1500
HYDROCARBONS, HALOGENATED, 1003
Hydrochloric acid, see ACIDS, INORGANIC, 7903
Hydrocyanic acid, see CYANIDES, 7904
Hydrofluoric acid, see FLUORIDES, 7902; ACIDS, INORGANIC, 7903
Hydrogen bromide, see ACIDS, INORGANIC, 7903
Hydrogen chloride, see ACIDS, INORGANIC, 7903
Hydrogen cyanide, see CYANIDES, 7904
Hydrogen fluoride, see FLUORIDES, 7902; ACIDS, INORGANIC, 7903
Hydroquinol, see HYDROQUINONE, 5004
HYDROQUINONE, 5004
Hydroxydimethylarsine oxide, see ARSENIC, ORGANO-, 5022
2-Hydroxyethylamine, see AMINOETHANOL COMPOUNDS, 2007
Hydroxymethyl ethylene oxide, see GLYCIDOL, 1608
2-(Hydroxymethyl)oxiran, see GLYCIDOL, 1608
4-Hydroxy-4-methyl-2-pentanone, see ALCOHOLS III, 1402
2-Hydroxy-2-methylpropanenitrile, see ACETONE CYANOHYDRIN, 2506
3-Hydroxypropylene oxide, see GLYCIDOL, 1608
2-Hydroxytriethylamine, see AMINOETHANOL COMPOUNDS, 2007
Hyponitrous acid anhydride, see NITROUS OXIDE, 6600

2-Imidazolidinethione, see ETHYLENE THIOUREA, 5011
Indeno[1,2,3-cd]pyrene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Iron, see WELDING and BRAZING FUME, 7200; ELEMENTS, 7300; ELEMENTS in blood or tissue, 8005;
  METALS in urine, 8310
Iodomethane, see METHYL IODIDE, 1014
Isoamyl acetate, see ESTERS I, 1450
Isoamyl alcohol, see ALCOHOLS III, 1402
Isobutyl acetate, see ESTERS I, 1450
Isobutyl alcohol, see ALCOHOLS II, 1401
ISOCYANATE GROUP, 5505
ISOPHORONE, 2508
Isopropenylbenzene, see HYDROCARBONS, AROMATIC, 1501
Isopropyl alcohol, see ALCOHOLS I, 1400
Isopropylbenzene, see HYDROCARBONS, AROMATIC, 1501

Jasmolin I, see PYRETHRUM, 5008
Jasmolin II, see PYRETHRUM, 5008

Kaolin, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600
KEPONE, 5508
Kerosene, see NAPHTHAS, 1550
Kerosine, see NAPHTHAS, 1550
KETONES I, 1300
KETONES II, 1301
Lamp black, see CARBON BLACK, 5000
Lanthanum, see ELEMENTS in blood or tissue, 8005
Lanthanum in blood, see ELEMENTS in blood or tissue, 8005
Lanthanum in tissue, see ELEMENTS in blood or tissue, 8005
Laughing gas, see NITROUS OXIDE, 6600
LEAD, 7082; also see ELEMENTS, 7300; ELEMENTS in blood or tissue, 8005; LEAD in blood and
  urine, 8003; METALS in urine, 8310
LEAD SULFIDE, 7505
Lepargylic acid, see AZELAIC ACID, 5019
Limestone, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600; CALCIUM, 7020
Lindane, see ALDRIN and LINDANE, 5502
Lithium, see ELEMENTS, 7300; ELEMENTS in blood or tissue, 8005
Lithium hydroxide, see ALKALINE DUSTS, 7401
Lye, see ALKALINE DUSTS, 7401

Magnesite, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600; CALCIUM, 7020
Magnesium, see ELEMENTS, 7300; ELEMENTS in blood or tissue, 8005

Malathion, see EPN, MALATHION, and PARATHION, 5012
Manganese, see WELDING and BRAZING FUME, 7200; ELEMENTS, 7300; ELEMENTS in blood or tissue, 8005; METALS in urine, 8310
Marble, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600; CALCIUM, 7020
MBK, see KETONES I, 1300
MBOCA in urine, 8302
MEK, see 2-BUTANONE, 2500
MEK in blood, see 2-BUTANONE, ETHANOL, and TOLUENE in blood, 8002
1-Mercaptooctane, see 1-OCTANETHIOL, 2510
MERCURY, 6000
Mesityl oxide, see KETONES II, 1301
METALS in urine (ICP), 8310
Meta-phosphoric acid, see ACIDS, INORGANIC, 7903
Methanal, see FORMALDEHYDE (oxazolidine), 2502; (chromotropic acid), 3500; (Girard T), 3501
Methanearsonic acid, see ARSENIC, ORGANO-, 5022
Methane carboxylic acid, see ACETIC ACID, 1603
METHANOL, 2000
2-Methoxybenzenamine, see ANISIDINE, 2514
4-Methoxybenzeneamine, see ANISIDINE, 2514
2-Methoxyethanol, see ALCOHOLS IV, 1403
METHYLAL, 1611
Methyl alcohol, see METHANOL, 2000
Methyl-(n-amyl)-ketone, see KETONES II, 1301
Methylarsonic acid, see ARSENIC, ORGANO-, 5022
Methyl benzene in blood, see 2-BUTANONE, ETHANOL, and TOLUENE in blood, 8002
Methylbenzene, see HYDROCARBONS, AROMATIC, 1501; HYDROCARBONS, BP 36-126 °C, 1500
METHYL BROMIDE, 2520
3-Methyl-1-butanol, see ALCOHOLS III, 1402
Methyl n-butyl ketone, see KETONES I, 1300
Methyl cellosolve, see ALCOHOLS IV, 1403
Methylchloroform, see HYDROCARBONS, HALOGENATED, 1003
Methyl cyanide, see ACETONITRILE, 1606
Methylcyclohexane, see HYDROCARBONS, BP 36-126 °C, 1500
METHYLCYCLOHEXANONE, 2521
2-Methylcyclohexanone, see METHYLCYCLOHEXANONE, 2521
3-Methylcyclohexanone, see METHYLCYCLOHEXANONE, 2521
4-Methylcyclohexanone, see METHYLCYCLOHEXANONE, 2521
Methylcyclohexanone mixture of isomers, see METHYLCYCLOHEXANONE, 2521
4,4'-Methylenebis (2-chloroaniline) in urine, see MBOCA in urine, 8302
METHYLENE CHLORIDE, 1005
(1-Methylethenyl)-benzene, see HYDROCARBONS, AROMATIC, 1501
Methyl ethyl ketone, see 2-BUTANONE, 2500
Methyl ethyl ketone in blood, see 2-BUTANONE, ETHANOL, and TOLUENE in blood, 8002
5-Methyl-3-heptanone, see KETONES II, 1301
Methyl hippuric acid in urine, see HIPPURIC and METHYL HIPPURIC ACIDS in urine, 8301
METHYL IODIDE, 1014
Methyl isoamyl acetate, see ESTERS I, 1450
Methyl isobutyl carbinol, see ALCOHOLS III, 1402
Methyl isobutyl ketone, see KETONES I, 1300
2-Methyllactonitrile, see ACETONE CYANOHYDRIN, 2506
m-Methylnitrobenzene, see NITROBENZENES, 2005
o-Methylnitrobenzene, see NITROBENZENES, 2005
p-Methylnitrobenzene, see NITROBENZENES, 2005
Methyloxirane, see PROPYLENE OXIDE, 1612
4-Methyl-2-pentanol, see ALCOHOLS III, 1402
4-Methyl-2-pentanone, see KETONES I, 1300
4-Methyl-3-penten-2-one, see KETONES II, 1301
2-Methylphenol, see CRESOLS, 2001
3-Methylphenol, see CRESOLS, 2001
4-Methylphenol, see CRESOLS, 2001
4-Methylphenol, see PHENOL and p-CRESOL in urine, 8305
2-Methyl-1-propanol, see ALCOHOLS II, 1401
2-Methyl-2-propanol, see ALCOHOLS I, 1400
Methyl propyl ketone, see KETONES I, 1300
Methylstyrene, see HYDROCARBONS, AROMATIC, 1501
alpha-Methylstyrene, see HYDROCARBONS, AROMATIC, 1501
Methylvinylbenzene, see HYDROCARBONS, AROMATIC, 1501
Methyl viologen, see PARAQUAT, 5003
MEVINPHOS, 2503
MIBC, see ALCOHOLS III, 1402
MIBK, see KETONES I, 1300
Mineral spirits, see NAPHTHAS, 1550
Mineral wool fiber, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600; FIBERS, 7400
MOCA in urine, see MBOCA in urine, 8302

Molybdenum, see ELEMENTS, 7300; ELEMENTS in blood or tissue, 8005; METALS in urine, 8310
Monochlorobenzene, see HYDROCARBONS, HALOGENATED, 1003
Muthmann's liquid, see 1,1,2,2-TETRABROMOETHANE, 2003

Naphthalene, see HYDROCARBONS, AROMATIC, 1501; POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
1-Naphthalenol N-methylcarbamate, see CARBARYL, 5006
NAPHTHAS (refined petroleum solvents), 1550
Napthene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
NG, see NITROGLYCERIN and ETHYLENE GLYCOL DINITRATE, 2507
Nickel, see WELDING and BRAZING FUME, 7200; ELEMENTS, 7300; ELEMENTS in blood or tissue, 8005; METALS in urine, 8310
Nitric acid, see ACIDS, INORGANIC, 7903
Nitrobenzene, see NITROBENZENES, 2005
NITROBENZENES, 2005
p-Nitrochlorobenzene, see NITROBENZENES, 2005
NITROGEN DIOXIDE, 6700
Nitrogen peroxide, see NITROGEN DIOXIDE, 6700
NITROGLYCERIN and ETHYLENE GLYCOL DINITRATE, 2507
Nitrotoluene, see NITROBENZENES, 2005
NITROUS OXIDE, 6600
Nonanedioic acid, see AZELAIC ACID, 5019
NUISANCE DUST, RESPIRABLE, 0600
NUISANCE DUST, TOTAL, 0500

Octalene, see ALDRIN and LINDANE, 5502
n-Octane, see HYDROCARBONS, BP 36-126 °C, 1500
1-OCTANETHIOL, 2510
n-Octanethiol, see 1-OCTANETHIOL, 2510
Octylmercaptan, see 1-OCTANETHIOL, 2510
Octyl thiol, see 1-OCTANETHIOL, 2510
Oil of turpentine, see TURPENTINE, 1551
Oil of vitriol, see ACIDS, INORGANIC, 7903
Ortho-phosphoric acid, see ACIDS, INORGANIC, 7903
Oxirane, see ETHYLENE OXIDE, 1607
Oxiranemethanol, see GLYCIDOL, 1608
1,1'-Oxybis(2-chloroethane), see sym-DICHLOROETHYL ETHER, 1004
1,1'-Oxybisethane, see ETHYL ETHER, 1610
OXYGEN, 6601

PAH, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
PARAQUAT, 5003
Parathion, see EPN, MALATHION, and PARATHION, 5012
Pb, see LEAD, 7082; ELEMENTS, 7300
PbB, see LEAD in blood and urine, 8003
PCB, see POLYCHLOROBIPHENYLS, 5503; POLYCHLOROBIPHENYLS in serum, 8004
PCP in blood, see PENTACHLOROPHENOL in blood, 8001
PCP in urine, see PENTACHLOROPHENOL in urine, 8303
PCT, see CHLORINATED TERPHENYL, 5014
PENTACHLOROETHANE, 2517
PENTACHLOROPHENOL in blood, 8001
PENTACHLOROPHENOL in urine, 8303
Pentaerythritol, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600
Penta in blood, see PENTACHLOROPHENOL in blood, 8001
Penta in urine, see PENTACHLOROPHENOL in urine, 8303
n-Pentane, see HYDROCARBONS, BP 36-126 °C, 1500
2-Pentanone, see KETONES I, 1300
Perchlorocyclopentadiene, see HEXACHLORO-1,3-CYCLOPENTADIENE, 2518
Perchloroethane, see HYDROCARBONS, HALOGENATED, 1003
Petroleum ether, see NAPHTHAS, 1550
Petroleum naphtha, see NAPHTHAS, 1550
Phenanthrene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
PHENOL, 3502
PHENOL and p-CRESOL in urine, 8305
Phenyl chloride, see HYDROCARBONS, HALOGENATED, 1003
2,3-Phenylenepyrene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Phenylphosphonothioic acid O-ethyl O-p-nitrophenyl ester, see EPN, MALATHION, and PARATHION, 5012
Phosdrin, see MEVINPHOS, 2503
Phosphoric acid, see ACIDS, INORGANIC, 7903
Phosphoric acid dibutyl ester, see DIBUTYL PHOSPHATE, 5017
Phosphorothioic acid O,O-diethyl O-[2-(ethylthio)ethyl]ester mixture with O,O-diethyl S-[2-ethylthio)ethyl]phosphorothioate, see DEMETON, 5514
Phosphorothioic acid O,O-diethyl O-(4-nitrophenyl)ester, see EPN, MALATHION, and PARATHION, 5012

Phosphorus, see ELEMENTS, 7300
PHOSPHORUS TRICHLORIDE, 6402
Phthalic acid dibutyl ester, see DIBUTYL PHTHALATE, 5020
Plaster of Paris, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600
Platinum, see ELEMENTS, 7300; ELEMENTS in blood or tissue, 8005
Platinum in blood, see ELEMENTS in blood or tissue, 8005
Platinum in tissue, see ELEMENTS in blood or tissue, 8005
Platinum in urine, see METALS in urine, 8310
PNA, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
POLYCHLORINATED BIPHENYLS in serum, 8004
POLYCHLOROBIPHENYLS, 5503
Polychloroterphenyl, see CHLORINATED TERPHENYL, 5014
POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Portland cement, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600
Potassium cyanide, see CYANIDES, 7904
Potassium hydroxide, see ALKALINE DUSTS, 7401
1,2,3-Propanetriol trinitrate, see NITROGLYCERIN and ETHYLENE GLYCOL DINITRATE, 2507
1-Propanol, see ALCOHOLS II, 1401
2-Propanol, see ALCOHOLS I, 1400
2-Propanone, see KETONES I, 1300
2-Propenal, see ACROLEIN, 2501
2-Propenenitrile, see ACRYLONITRILE, 1604
2-Propenoic acid ethyl ester, see ESTERS I, 1450
2-Propen-1-ol, see ALCOHOLS III, 1402
n-Propyl acetate, see ESTERS I, 1450
n-Propyl alcohol, see ALCOHOLS II, 1401
Propylene dichloride, see 1,2-DICHLOROPROPANE, 1013
Propylene dichloride, see HYDROCARBONS, HALOGENATED, 1003
PROPYLENE OXIDE, 1612
Prussic acid, see CYANIDES, 7904
Pyrene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Pyrethrin I, see PYRETHRUM, 5008
Pyrethrin II, see PYRETHRUM, 5008
PYRETHRUM, 5008
Pyrophosphoric acid tetraethyl ester, see TETRAETHYL PYROPHOSPHATE, 2504
Quartz, see SILICA, CRYSTALLINE (XRD), 7500; (color), 7601; (IR), 7602
Quicklime, see CALCIUM, 7020
Quicksilver, see MERCURY, 6000

ROTENONE, 5007
Rouge, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600
Rubber solvent, see NAPHTHAS, 1550

Selenium, see ELEMENTS, 7300
Sevin, see CARBARYL, 5006
SILICA, AMORPHOUS (XRD), 7501
SILICA, CRYSTALLINE (XRD), 7500
SILICA, CRYSTALLINE (color), 7601
SILICA, CRYSTALLINE (IR), 7602
Silica aerogel, see SILICA, AMORPHOUS, 7501
Silicic anhydride, see SILICA, AMORPHOUS, 7501
Silicon, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600
Silicon carbide, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600
Silicon dioxide, see SILICA, CRYSTALLINE (XRD), 7500; (color), 7601; IR), 7602
Silver, see WELDING and BRAZING FUME, 7200; ELEMENTS, 7300; ELEMENTS in blood or tissue, 8005; METALS in urine, 8310
Sodium fluoride, see FLUORIDES, 7902
Sodium hexafluoroaluminate, see FLUORIDE, 7902
Sodium hydroxide, see ALKALINE DUSTS, 7401
Sodium, see ELEMENTS, 7300
Starch, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600
Stoddard solvent, see NAPHTHAS, 1550
Strontium, see ELEMENTS in blood or tissue, 8005; METALS in urine, 8310
Strychnidin-10-one, see STRYCHNINE, 5016
STRYCHNINE, 5016
Styrene, see HYDROCARBONS, AROMATIC, 1501
Sucrose, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600
Sulfuric acid, see ACIDS, INORGANIC, 7903
Systox, see DEMETON, 5514

2,4,5-T, see 2,4-D and 2,4,5-T, 5001
Tellurium, see ELEMENTS, 7300
TEPP, see TETRAETHYL PYROPHOSPHATE, 2504
o-TERPHENYL, 5021
Tetraboron carbide, see BORON CARBIDE, 7506

1,1,2,2-TETRABROMOETHANE, 2003
sym-Tetrabromoethane, see 1,1,2,2-TETRABROMOETHANE, 2003
Tetrachloromethane, see HYDROCARBONS, HALOGENATED, 1003
TETRAETHYL PYROPHOSPHATE, 2504
Tetrahydrobenzene, see HYDROCARBONS, BP 36-126 °C, 1500
TETRAHYDROFURAN, 1609
TETRAMETHYL THIOUREA, 3505
Tetramethylthioperoxydicarbonic diamide, see THIRAM, 5005
Tetramethylthiuram disulfide, see THIRAM, 5005
Tetraphene, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
Thallium, see ELEMENTS, 7300; ELEMENTS in blood or tissue, 8005
THF, see TETRAHYDROFURAN, 1609
THIRAM, 5005
Tin, see ELEMENTS, 7300; METALS in urine, 8310
Titanium, see ELEMENTS, 7300; METALS in urine, 8310
Titanium dioxide, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600
o-Tolidine, see DYES, 5013
Toluene, see HYDROCARBONS, BP 36-126 °C, 1500; HYDROCARBONS, AROMATIC, 1501
Toluene in blood, see 2-BUTANONE, ETHANOL, and TOLUENE in blood, 8002
o-Toluidine, see AMINES, AROMATIC 2002
Tremolite, see FIBERS, 7400
Tribromo methane, see HYDROCARBONS, HALOGENATED, 1003
1,1,1-Trichloroethane, see HYDROCARBONS, HALOGENATED, 1003
Trichloromethane, see HYDROCARBONS, HALOGENATED, 1003
(2,4,5-Trichlorophenoxy) acetic acid, see 2,4-D and 2,4,5-T, 5001
Tridymite, see SILICA, CRYSTALLINE (XRD), 7500; (color), 7601; (IR), 7602
3,3,5-Trimethyl-2-cyclohexen-1-one, see ISOPHORONE, 2508
2,4,7-TRINITROFLUOREN-9-ONE, 5018
o-Triphenyl, see *o*-TERPHENYL, 5021
Tubatoxin, see ROTENONE, 5007
TUNGSTEN (soluble and insoluble), 7074; also see ELEMENTS, 7300
TURPENTINE, 1551

Vanadium, see ELEMENTS, 7300; ELEMENTS in blood or tissue, 8005
Vegetable oil mists (except castor, cashew nut, or similar irritant oils),
  see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600
Vinylbenzene, see HYDROCARBONS, AROMATIC, 1501
VINYL BROMIDE, 1009
VINYL CHLORIDE, 1007
Vinyl cyanide, see ACRYLONITRILE, 1604
Vinyltoluene, see HYDROCARBONS, AROMATIC, 1501
VM&P naphtha, see NAPHTHAS, 1550

WARFARIN, 5002
WELDING and BRAZING FUME, 7200
Wolfram, see TUNGSTEN, 7074; ELEMENTS, 7300
Wood alcohol, see METHANOL, 2000
Wood turpentine, see TURPENTINE, 1551

Xylene, see HYDROCARBONS, AROMATIC, 1501
2,4-Xylidene, see AMINES, AROMATIC, 2002

Yttrium, see ELEMENTS, 7300

ZINC, 7030, also see WELDING and BRAZING FUME, 7200; ELEMENTS, 7300; ELEMENTS in blood or
  tissue, 8005; METALS in urine, 8310
Zincite, see ZINC OXIDE, 7502
ZINC OXIDE, 7502; also see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST,
  RESPIRABLE, 0600; ZINC, 7030
Zinc stearate, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600
Zinc white, see ZINC OXIDE, 7502
Zirconium, see ELEMENTS, 7300; ELEMENTS in blood or tissue, 8005

CAS # 50-00-0, see FORMALDEHYDE (oxazolidine), 2502; (chromotropic acid), 3500;
  (Girard T), 3501
CAS # 50-32-8, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
CAS # 53-70-3, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
CAS # 55-63-0, see NITROGLYCERIN and ETHYLENE GLYCOL DINITRATE, 2507
CAS # 56-23-5, see HYDROCARBONS, HALOGENATED, 1003
CAS # 56-38-2, see EPN, MALATHION, and PARATHION, 5012
CAS # 56-55-3, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
CAS # 56-81-5, see NUISANCE DUST, TOTAL 0500; NUISANCE DUST, RESPIRABLE, 0600
CAS # 57-24-9, see STRYCHNINE, 5016
CAS # 58-89-9, see ALDRIN and LINDANE, 5502

CAS # 60-29-7, see ETHYL ETHER, 1610
CAS # 62-53-3, see AMINES, AROMATIC, 2002
CAS # 63-25-2, see CARBARYL, 5006
CAS # 64-17-5, see ALCOHOLS I, 1400
CAS # 64-17-5 in blood, see 2-BUTANONE, ETHANOL, and TOLUENE in blood, 8002
CAS # 64-19-7, see ACETIC ACID, 1603
CAS # 67-56-1, see METHANOL, 2000
CAS # 67-63-0, see ALCOHOLS I, 1400
CAS # 67-64-1, see KETONES I, 1300
CAS # 67-66-3, see HYDROCARBONS, HALOGENATED, 1003
CAS # 67-72-1, see HYDROCARBONS, HALOGENATED, 1003
CAS # 68-12-2, see DIMETHYLFORMAMIDE, 2004
CAS # 71-23-8, see ALCOHOLS II, 1401
CAS # 71-36-3, see ALCOHOLS II, 1401
CAS # 71-43-2, see HYDROCARBONS, AROMATIC, 1501; HYDROCARBONS, BP 36-126 °C, 1500
CAS # 71-55-6, see HYDROCARBONS, HALOGENATED, 1003
CAS # 74-83-9, see METHYL BROMIDE, 2520
CAS # 74-88-4, see METHYL IODIDE, 1014
CAS # 74-90-8, see CYANIDES, 7904
CAS # 74-96-4, see ETHYL BROMIDE, 1011
CAS # 74-97-5, see HYDROCARBONS, HALOGENATED, 1003
CAS # 75-00-3, see ETHYL CHLORIDE, 2519
CAS # 75-01-4, see VINYL CHLORIDE, 1007
CAS # 75-05-8, see ACETONITRILE, 1606
CAS # 75-09-2, see METHYLENE CHLORIDE, 1005
CAS # 75-15-0, see CARBON DISULFIDE, 1600
CAS # 75-21-8, see ETHYLENE OXIDE, 1607
CAS # 75-25-2, see HYDROCARBONS, HALOGENATED, 1003
CAS # 75-34-3, see HYDROCARBONS, HALOGENATED, 1003
CAS # 75-43-4, see DICHLOROFLUOROMETHANE, 2516
CAS # 75-56-9, see PROPYLENE OXIDE, 1612
CAS # 75-60-5, see ARSENIC, ORGANO-, 5022
CAS # 75-61-6, see DIBROMODIFLUOROMETHANE, 1012
CAS # 75-65-0, see ALCOHOLS I, 1400
CAS # 75-86-5, see ACETONE CYANOHYDRIN, 2506
CAS # 76-01-7, see PENTACHLOROETHANE, 2517
CAS # 76-22-2, see KETONES II, 1301
CAS # 77-47-4, see HEXACHLORO-1,3-CYCLOPENTADIENE, 2518
CAS # 77-78-1, see DIMETHYL SULFATE, 2524
CAS # 78-59-1, see ISOPHORONE, 2508
CAS # 78-83-1, see ALCOHOLS II, 1401
CAS # 78-87-5, see 1,2-DICHLOROPROPANE, 1013
CAS # 78-87-5, see HYDROCARBONS, HALOGENATED, 1003
CAS # 78-92-2, see ALCOHOLS II, 1401
CAS # 78-93-3, see 2-BUTANONE, 2500
CAS # 78-93-3 in blood, see 2-BUTANONE, ETHANOL, and TOLUENE in blood, 8002
CAS # 81-81-2, see WARFARIN, 5002
CAS # 83-32-9, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
CAS # 83-79-4, see ROTENONE, 5007
CAS # 84-74-2, see DIBUTYL PHTHALATE, 5020
CAS # 86-73-7, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
CAS # 87-86-5 in blood, see PENTACHLOROPHENOL in blood, 8001
CAS # 87-86-5 in urine, see PENTACHLOROPHENOL in urine, 8303
CAS # 90-04-0, see ANISIDINE, 2514
CAS # 91-20-3, see HYDROCARBONS, AROMATIC, 1501; POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
CAS # 91-94-1, see BENZIDINE and 3,3'-DICHLOROBENZIDINE, 5509
CAS # 92-87-5, see BENZIDINE in urine (TLC), 8304; BENZIDINE in urine (GC), 8306; BENZIDINE and 3,3'-DICHLOROBENZIDINE, 5509
CAS # 92-94-4, see o-TERPHENYL, 5021
CAS # 93-76-5, see 2,4-D and 2,4,5-T, 5001
CAS # 94-36-0, see BENZOYL PEROXIDE, 5009
CAS # 94-75-7, see 2,4-D and 2,4,5-T, 5001
CAS # 95-48-7, see CRESOLS, 2001
CAS # 95-50-1, see HYDROCARBONS, HALOGENATED, 1003
CAS # 95-53-4, see AMINES, AROMATIC, 2002
CAS # 95-68-1, see AMINES, AROMATIC, 2002
CAS # 96-45-7, see ETHYLENE THIOUREA, 5011
CAS # 79-27-6, see 1,1,2,2-TETRABROMOETHANE, 2003
CAS # 98-50-0, see ARSENIC, ORGANO-, 5022
CAS # 98-51-1, see HYDROCARBONS, AROMATIC, 1501
CAS # 98-82-8, see HYDROCARBONS, AROMATIC, 1501
CAS # 98-83-9, see HYDROCARBONS, AROMATIC, 1501
CAS # 98-95-3, see NITROBENZENES, 2005

CAS # 99-08-1, see NITROBENZENES, 2005
CAS # 99-97-8, see AMINES, AROMATIC, 2002
CAS #100-00-5, see NITROBENZENES, 2005
CAS #100-37-8, see AMINOETHANOL COMPOUNDS, 2007
CAS #100-41-4, see HYDROCARBONS, AROMATIC, 1501
CAS #100-42-5, see HYDROCARBONS, AROMATIC, 1501
CAS #100-44-7, see HYDROCARBONS, HALOGENATED, 1003
CAS #101-14-4, see MBOCA in urine, 8302
CAS #102-81-8, see AMINOETHANOL COMPOUNDS, 2007
CAS #104-94-9, see ANISIDINE, 2514
CAS #105-30-6, see ALCOHOLS III, 1402
CAS #105-46-4, see ESTERS I, 1450
CAS #106-35-4, see KETONES II, 1301
CAS #106-44-5, see CRESOLS, 2001
CAS #106-44-5, see PHENOL and p-CRESOL in urine, 8305
CAS #106-46-7, see HYDROCARBONS, HALOGENATED, 1003
CAS #106-68-3, see KETONES II, 1301
CAS #106-89-8, see EPICHLOROHYDRIN, 1010
CAS #106-93-4, see ETHYLENE DIBROMIDE, 1008
CAS #107-02-8, see ACROLEIN, 2501
CAS #107-05-1, see ALLYL CHLORIDE, 1000
CAS #107-06-2, see HYDROCARBONS, HALOGENATED, 1003
CAS #107-07-3, see ETHYLENE CHLOROHYDRIN, 2513
CAS #107-13-1, see ACRYLONITRILE, 1604
CAS #107-18-6, see ALCOHOLS III, 1402
CAS #107-21-1, see ETHYLENE GLYCOL, 5500
CAS #107-49-3, see TETRAETHYL PYROPHOSPHATE, 2504
CAS #107-66-4, see DIBUTYL PHOSPHATE, 5017
CAS #107-87-9, see KETONES I, 1300
CAS #108-10-1, see KETONES I, 1300
CAS #108-24-7, see ACETIC ANHYDRIDE, 3506
CAS #108-39-4, see CRESOLS, 2001
CAS #108-83-8, see KETONES I, 1300
CAS #108-87-2, see HYDROCARBONS, BP 36-126 °C, 1500
CAS #108-88-3, see HYDROCARBONS, AROMATIC, 1501; HYDROCARBONS, BP 36-126 °C, 1500
CAS #108-88-3 in blood, see 2-BUTANONE, ETHANOL, and TOLUENE in blood, 8002
CAS #108-90-7, see HYDROCARBONS, HALOGENATED, 1003
CAS #108-93-0, see ALCOHOLS III, 1402
CAS #108-94-1, see KETONES I, 1300
CAS #108-95-2, see PHENOL, 3502
CAS #108-95-2, see PHENOL and p-CRESOL in urine, 8305
CAS #109-60-4, see ESTERS I, 1450
CAS #109-66-0, see HYDROCARBONS, BP 36-126 °C, 1500
CAS #109-86-4, see ALCOHOLS IV, 1403
CAS #109-87-5, see METHYLAL, 1611
CAS #109-99-9, see TETRAHYDROFURAN, 1609
CAS #110-19-0, see ESTERS I, 1450
CAS #110-43-0, see KETONES II, 1301
CAS #110-54-3, see HYDROCARBONS, BP 36-126 °C, 1500
CAS #110-80-5, see ALCOHOLS IV, 1403
CAS #110-82-7, see HYDROCARBONS, BP 36-126 °C, 1500
CAS #110-83-8, see HYDROCARBONS, BP 36-126 °C, 1500
CAS #111-15-9, see ESTERS I, 1450
CAS #111-44-4, see sym-DICHLOROETHYL ETHER, 1004
CAS #111-65-9, see HYDROCARBONS, BP 36-126 °C, 1500
CAS #111-76-2, see ALCOHOLS IV, 1403
CAS #111-88-6, see 1-OCTANETHIOL, 2510
CAS #117-81-7, see DI(2-ETHYLHEXYL) PHTHALATE, 5020
CAS #120-12-7, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
CAS #121-69-7, see AMINES, AROMATIC, 2002
CAS #121-75-5, see EPN, MALATHION, and PARATHION, 5012
CAS #123-31-9, see HYDROQUINONE, 5004
CAS #123-42-2, see ALCOHOLS III, 1402
CAS #123-51-3, see ALCOHOLS III, 1402
CAS #123-86-4, see ESTERS I, 1450
CAS #123-91-1, see DIOXANE, 1602
CAS #123-92-2, see ESTERS I, 1450
CAS #123-99-9, see AZELAIC ACID, 5019
CAS #124-58-3, see ARSENIC, ORGANO-, 5022
CAS #126-75-0, see DEMETON, 5514
CAS #126-99-8, see CHLOROPRENE, 1002
CAS #127-19-5, see DIMETHYLFORMAMIDE, 2004
CAS #137-26-8, see THIRAM, 5005
CAS #129-00-0, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
CAS #129-79-3, see 2,4,7-TRINITROFLUOREN-9-ONE, 5018

BEST

CAS #140-88-5, see ESTERS I, 1450
CAS #141-43-5, see AMINOETHANOL COMPOUNDS, 2007
CAS #141-79-7, see KETONES II, 1301
CAS #142-82-5, see HYDROCARBONS, BP 36-126 °C, 1500
CAS #142-92-7, see ESTERS I, 1450
CAS #143-33-9, see CYANIDES, 7904
CAS #143-50-0, see KEPONE, 5508
CAS #151-50-8, see CYANIDES, 7904
CAS #191-24-2, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
CAS #192-97-2, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
CAS #193-39-5, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
CAS #205-99-2, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
CAS #206-44-0, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
CAS #207-08-9, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
CAS #208-96-8, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
CAS #218-01-9, see POLYNUCLEAR AROMATIC HYDROCARBONS (HPLC), 5506; (GC), 5515
CAS #298-03-3, see DEMETON, 5514
CAS #302-01-2, see HYDRAZINE, 3503
CAS #309-00-2, see ALDRIN and LINDANE, 5502
CAS #334-88-3, see DIAZOMETHANE, 2515
CAS #495-69-2 in urine, see HIPPURIC ACID in urine, 8300; HIPPURIC and METHYL HIPPURIC ACIDS in urine, 8301
CAS #540-59-0, see HYDROCARBONS, HALOGENATED, 1003
CAS #540-88-5, see ESTERS I, 1450
CAS #542-92-7, see 1,3-CYCLOPENTADIENE, 2523
CAS #556-52-5, see GLYCIDOL, 1608
CAS #573-58-0, see DYES, 5013
CAS #583-60-8, see METHYLCYCLOHEXANONE, 2521
CAS #589-92-4, see METHYLCYCLOHEXANONE, 2521
CAS #591-24-2, see METHYLCYCLOHEXANONE, 2521
CAS #591-78-6, see KETONES I, 1300
CAS #593-60-2, see VINYL BROMIDE, 1009
CAS #594-72-9, see 1,1-DICHLORO-1-NITROETHANE, 1601
CAS #626-38-0, see ESTERS I, 1450
CAS #628-63-7, see ESTERS I, 1450
CAS #628-96-6, see NITROGLYCERIN and ETHYLENE GLYCOL DINITRATE, 2507
CAS #992-59-6, see DYES, 5013
CAS #1303-86-2, see NUISANCE DUST, TOTAL 0500; NUISANCE DUST, RESPIRABLE, 0600
CAS #1305-62-0, see CALCIUM, 7020; ELEMENTS, 7300
CAS #1305-78-8, see CALCIUM, 7020; ELEMENTS, 7300
CAS #1306-19-0, see CADMIUM, 7048; WELDING and BRAZING FUME, 7200; ELEMENTS, 7300
CAS #1307-96-6, see COBALT, 7027; ELEMENTS, 7300
CAS #1308-38-9, see CHROMIUM, 7024; WELDING and BRAZING FUME, 7200; ELEMENTS, 7300
CAS #1310-58-3, see ALKALINE DUSTS, 7401
CAS #1310-65-2, see ALKALINE DUSTS, 7401
CAS #1310-73-2, see ALKALINE DUSTS, 7401
CAS #1314-13-2, see ZINC, 7030; ZINC OXIDE, 7502
CAS #1314-87-0, see LEAD SULFIDE, 7505
CAS #1317-36-8, see LEAD, 7082; ELEMENTS, 7300
CAS #1317-38-0, see COPPER, 7029
CAS #1317-39-1, see COPPER, 7029; ELEMENTS, 7300
CAS #1317-65-3, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600; CALCIUM, 7020; ELEMENTS, 7300
CAS #1327-53-3, see ARSENIC TRIOXIDE, 7901
CAS #1330-20-7, see HYDROCARBONS, AROMATIC, 1501
CAS #1331-22-2, see METHYLCYCLOHEXANONE, 2521
CAS #1332-21-4, see FIBERS, 7400
CAS #1333-82-0, see CHROMIUM, HEXAVALENT, 7600
CAS #1333-86-4, see CARBON BLACK, 5000
CAS #1336-36-3, see POLYCHLOROBIPHENYLS, 5503
CAS #1344-28-1, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600; ALUMINUM, 7013
CAS #1689-84-5, see BROMOXYNIL and BROMOXYNIL OCTANOATE, 5010
CAS #1689-99-2, see BROMOXYNIL and BROMOXYNIL OCTANOATE, 5010
CAS #1910-42-5, see PARAQUAT, 5003
CAS #1937-37-7, see DYES, 5013
CAS #2074-50-2, see PARAQUAT, 5003
CAS #2104-64-5, see EPN, MALATHION, and PARATHION, 5012
CAS #2429-71-2, see DYES, 5013
CAS #2602-46-2, see DYES, 5013
CAS #2782-91-4, see TETRAMETHYL THIOUREA, 3505
CAS #7429-90-5, see ALUMINUM, 7013; ELEMENTS, 7300
CAS #7439-92-1, see LEAD, 7082; ELEMENTS, 7300; LEAD in blood and urine, 8003
CAS #7439-97-6, see MERCURY, 6000
CAS #7440-33-7, see TUNGSTEN, 7074; ELEMENTS, 7300

CAS #7440-38-2, see ARSENIC, 7900
CAS #7440-41-7, see BERYLLIUM, 7102; ELEMENTS, 7300
CAS #7440-43-9, see CADMIUM, 7048; WELDING and BRAZING FUME, 7200; ELEMENTS, 7300
CAS #7440-47-3, see CHROMIUM, 7024; WELDING and BRAZING FUME, 7200; ELEMENTS, 7300
CAS #7440-48-4, see COBALT, 7027; ELEMENTS, 7300
CAS #7440-50-8, see COPPER, 7029; WELDING and BRAZING FUME, 7200; ELEMENTS, 7300
CAS #7440-66-6, see ZINC, 7030; WELDING and BRAZING FUME, 7200; ELEMENTS, 7300
CAS #7631-86-9, see SILICA, AMORPHOUS, 7501
CAS #7647-01-0, see ACIDS, INORGANIC, 7903
CAS #7664-38-2, see ACIDS, INORGANIC, 7903
CAS #7664-39-3, see FLUORIDES, 7902; ACIDS, INORGANIC, 7903
CAS #7664-41-7, see AMMONIA, 3505
CAS #7664-93-9, see ACIDS, INORGANIC, 7903
CAS #7681-49-4, see FLUORIDES, 7902; ACIDS, INORGANIC, 7903
CAS #7697-37-2, see ACIDS, INORGANIC, 7903
CAS #7719-12-2, see PHOSPHORUS TRICHLORIDE, 6402
CAS #7782-44-7, see OXYGEN, 6601
CAS #7784-42-1, see ARSINE, 6001
CAS #7786-34-7, see MEVINPHOS, 2503
CAS #8003-34-7, see PYRETHRUM, 5008
CAS #8006-64-2, see TURPENTINE, 1551
CAS #8007-45-2, see COAL TAR PITCH VOLATILES, 5023
CAS #8030-30-6, see NAPHTHAS, 1550
CAS #8052-41-3, see NAPHTHAS, 1550
CAS #8065-48-3, see DEMETON, 5514
CAS #9004-34-6, see NUISANCE DUST, TOTAL, 0500; NUISANCE DUST, RESPIRABLE, 0600;
CAS #10024-97-2, see NITROUS OXIDE, 6600
CAS #10035-10-6, see ACIDS, INORGANIC, 7903
CAS #10102-44-0, see NITROGEN DIOXIDE, 6700
CAS #11097-69-1, see POLYCHLOROBIPHENYLS, 5503
CAS #11097-69-1 in serum, see POLYCHLOROBIPHENYLS in serum, 8004
CAS #11126-42-4, see CHLORINATED TERPHENYL, 5014
CAS #12001-28-4, see FIBERS, 7400
CAS #12001-29-5, see FIBERS, 7400; CHRYSOTILE ASBESTOS (bulk), 9000
CAS #12069-32-8, see BORON CARBIDE, 7506
CAS #12172-73-5, see FIBERS, 7400
CAS #13768-00-8, see FIBERS, 7400
CAS #14464-46-1, see SILICA, CRYSTALLINE (XRD), 7500; (color), 7601; (IR), 7602
CAS #14567-73-8, see FIBERS, 7400
CAS #14808-60-7, see SILICA, CRYSTALLINE (XRD), 7500; (color), 7601; (IR), 7602
CAS #15468-32-3, see SILICA, CRYSTALLINE (XRD), 7500; (color), 7601; (IR), 7602
CAS #16071-86-6, see DYES, 5013
CAS #17068-78-9, see FIBERS, 7400
CAS #25013-15-4, see HYDROCARBONS, AROMATIC, 1501
CAS #27323-18-8, see POLYCHLOROBIPHENYLS, 5503
CAS #29191-52-4, see ANISIDINE, 2514
CAS #53469-21-9, see POLYCHLOROBIPHENYLS, 5503
CAS #53469-21-9 in serum, see POLYCHLOROBIPHENYLS in serum, 8004
CAS #71000-82-3, see ISOCYANATE GROUP, 5505

BLANK PAGE

2036

APPENDIX III
NIOSH HEALTH HAZARD EVALUATIONS

BLANK PAGE

REQUESTS FOR HEALTH HAZARD EVALUATIONS

(Code of Federal Regulations, Title 42, Part 85, 37 FR 23640, November 7, 1972; amended at 45 FR 2651, January 14, 1980)

PART 85—REQUESTS FOR HEALTH HAZARD EVALUATIONS

Sec.

85.1 Applicability
85.2 Definitions.
85.3 Procedures for requesting health hazard evaluations.
85.3-1 Contents of a request for health hazard evaluations.
85.4 Acting on requests.
85.5 Authority for investigations.
85.6 Advance notice of visits.
85.7 Conduct of investigations.
85.8 Provision of suitable space for employee interviews and examinations; identification of employees.
85.9 Representatives of employers and employees; employee requests.
85.10 Imminent dangers.
85.11 Notification of determination to employers, affected employees, and Department of Labor.
85.12 Subsequent requests for health hazard evaluations.

AUTHORITY: Sec. 8(g), 84 Stat. 1600; 29 U.S.C. 657(g) and sec. 508, 83 Stat. 803; 30 U.S.C. 957.

SOURCE: 37 FR 23640, Nov. 7, 1972, unless otherwise noted.

§ 85.1 Applicability.

This Part 85 applies to health hazard evaluations requested by any employer or authorized representative of employees under section 20(a)(6) of the Occupational Safety and Health Act of 1970 or section 501(a)(11) of the Federal Mine Safety and Health Act of 1977. This part is not intended to preclude the use of other channels of communication with the National Institute for Occupational Safety and Health to obtain information and technical assistance concerning toxic substances or physical agents.

[45 FR 2652, Jan. 14, 1980]

§ 85.2 Definitions.

Any term defined in the Occupational Safety and Health Act of 1970 or the Federal Mine Safety and Health Act of 1977 and not defined below shall have the meaning given it in the respective Acts. As used in this part:

"OSH Act" means the Occupational Safety and Health Act of 1970 (29 U.S.C. 651, et seq.).

"FMSH Act" means the Federal Mine Safety and Health Act of 1977 (30 U.S.C. 801, et seq.).

"Authorized representative of employees" means any person or organization meeting the conditions specified in § 85.3-1(e) (1), (2), or (3).

"Employee" has the same meaning as stated in the OSH Act and for the purposes of this part includes "miner" as defined in the FMSH Act.

"Employer" has the same meaning as stated in the OSH Act and for the purposes of this part includes "Operator" as defined in the FMSH Act.

"Health hazard evaluation" means the investigation and the determination of potentially toxic or hazardous effects of: (a) any substance normally used or found in any place of employment to which the OSH Act is applicable, or (b) any substance or physical agent normally used or found in any place of employment to which the FMSH Act is applicable.

"Investigation" means a physical inspection of the place of employment under section 8 of the OSH Act or section 103 of the FMSH Act and includes inspection, sampling, observations, review of pertinent records, and other measurements reasonably necessary to determine whether any substance or physical agent found in the place of employment has potentially toxic or hazardous effects in the concentrations or levels used or found.

"NIOSH" means the National Institute for Occupational Safety and Health, Center for Disease Control, Public Health Service, Department of Health and Human Services.

"NIOSH officer" means a NIOSH employee who has been authorized by the Director, NIOSH, to conduct investigations according to this part.

"Physical agent" means any condition produced by the environment and/or work processes that can result in hazardous effects as defined in this section. Examples of physical agents are noise, temperature, illumination, vibration, radiation, and pressure.

"Place of employment" means any coal or other mine, factory, plant, establishment, construction site, or other area, workplace, or environment where work is performed by any employee of an employer.

"Substance" means any chemical or biological agent or dust which has the potential to produce toxic effects.

"Toxic effects" or "hazardous effects" are those effects which result in short- or long-term disease, bodily injury, affect health adversely, or endanger human life.

[45 FR 2652, Jan. 14, 1980]

§ 85.3 Procedures for requesting health hazard evaluations.

(a) Requests for health hazard evaluations should be addressed to the National Institute for Occupational Safety and Health as follows:

(1) *Requests from general industry.* Hazard Evaluations and Technical Assistance Branch, Division of Surveillance, Hazard Evaluations, and Field Studies, NIOSH, 4676 Columbia Parkway, Cincinnati, OH 45226.

(2) *Requests from mining industry.*

Environmental Investigations Branch, Division of Respiratory Disease Studies, NIOSH, 944 Chestnut Ridge Road, Morgantown, WV 26505.

(b) Requests for health hazard evaluations shall be submitted in writing and signed by either: (1) The employer in whose place of employment the substance or physical agent is normally found, or (2) an authorized representative of employees (see § 85.3-1(e)) in the place of employment where the substance or physical agent is normally found.

[45 FR 2653, Jan. 14, 1980]

§ 85.3-1 Contents of a request for health hazard evaluation.

Each request for health hazard evaluation shall contain:

(a) The requester's name, address, and telephone number, if any.

(b) The name and address of the place of employment where the substance or physical agent is normally found.

(c) The specific process or type of work which is the source of the substance or physical agent, or in which the substance or physical agent is used.

(d) Details of the conditions or circumstances which prompted the request.

(e) A statement, if the requester is not the employer, that the requester is:

(1) An authorized representative or an officer of the organization representing the employees for purposes of collective bargaining; or

(2) An employee of the employer and is authorized by two or more employees employed in the same place of employment to represent them for purposes of these Acts (each such authorization shall be in writing and a copy submitted with the request for health hazard evaluation); or

(3) One of three or less employees employed in the place of employment where the substance or physical agent is normally found.

(f) A statement indicating whether or not the name(s) of the requester or those persons who have authorized the requester to represent them may be revealed to the employer by NIOSH.

(g) The following supplementary information if known to the requester:

(1) Identity of each substance or physical agent involved;

(2) The trade name, chemical name, and manufacturer of each substance involved;

(3) Whether the substance or its container or the source of the physical agent has a warning label; and

(4) The physical form of the substance or physical agent, number of people exposed, length of exposure (hours per day), and occupations of exposed employees.

NOTE: NIOSH has developed two forms entitled "Request for Health Hazard Evaluation" and "Request for Mining Health Hazard Evaluation" to assist persons in requesting evaluations. The forms are available upon request from the offices listed in § 85.3(a) (1) and (2) or from the Regional Consultant for Occupational Safety and Health in any Regional Office of the Department of Health and Human Services.

[45 FR 2653, Jan. 14, 1980]

§ 85.4 Acting on requests.

(a) Upon receipt of a request for health hazard evaluation submitted under this part, NIOSH will determine whether or not there is reasonable cause to justify conducting an investigation.

(b) If NIOSH determines that an investigation is justified, a NIOSH officer will inspect the place of employment, collect samples where appropriate, and perform tests necessary to the conduct of a health hazard evaluation, including medical examinations of employees.

(c) If NIOSH determines that an investigation is not justified, the requester will be notified in writing of the decision.

[45 FR 2653, Jan. 14, 1980]

§ 85.5 Authority for investigations.

(a) NIOSH officers who have been issued official NIOSH credentials (Form No. CDC/NIOSH 2.93) are authorized by the Director, NIOSH, under sections 20(a) (6) and 8 of the OSH Act and sections 501(a)(11) and 103 of the FMSH Act: To enter without delay any place of employment for the purpose of conducting investigations of all pertinent processes, conditions, structures, machines, apparatus, devices, equipment, records, and materials within the place of employment, and to conduct medical examinations, anthropometric measurements, and functional tests of employees within the place of employment as may be directly related to the specific health hazard evaluation being conducted. Investigations will be conducted in a reasonable manner, during regular working hours or at other reasonable times and within reasonable limits. In connection with any investigation, the NIOSH officers may question privately any employer, owner, operator, agent, or employee from the place of employment, and review, abstract, and duplicate records required by the Acts and regulations and any other related records.

(b) Areas under investigation which contain information classified by any agency of the United States Government in the interest of national security will be investigated only by NIOSH officers who have obtained the proper security clearance and authorization.

[45 FR 2653, Jan. 14, 1980]

§ 85.6 Advance notice of visits.

(a) Advance notice of visits to the place of employment may be given to expedite a thorough and effective investigation. Advance notice will not be given when, in the judgment of the NIOSH officer, giving such notice would adversely affect the validity and effectiveness of the investigation.

(b) Where a request in accordance with this part has been made by an authorized representative of employees, advance notice in accordance with paragraph (a) of this section will be given by NIOSH to the requester, the representative of the employees for purposes of collective bargaining if such representative is other than the requester, and to the employer.

(c) Where a request in accordance with this part has been made by any employer, advance notice will be given by NIOSH to the employer. Upon the request of the employer, NIOSH will inform the authorized representative of employees of the visit: *Provided*, The employer furnishes NIOSH in writing with the identity of such representative and with such information as is necessary to enable NIOSH promptly to inform such representative of the visit.

§ 85.7 Conduct of investigations.

(a) Prior to beginning an investigation, NIOSH officers shall present their credentials to the owner, operator, or agent in charge at the place of employment, explain the nature, purpose, and scope of the investigation and the records specified in § 85.5 which they wish to review. Where the investigation is the result of a request submitted by an authorized representative of employees, a copy of the request shall be provided to the employer, except where the requester or any person authorizing the requester pursuant to § 85.3-1(e)(2) has indicated that NIOSH not reveal his name to the employer, in which case a summary of the basis for the request shall be provided to the employer.

(b) At the commencement of an investigation, the employer should precisely identify information which can be obtained in the workplace or workplaces to be inspected as trade secrets. If the NIOSH officer has no clear reason to question such identification, such information shall not be disclosed except in accordance with the provisions of section 20(a)(6) and section 15 of the OSH Act or section 501(a)(11) of the FMSH Act. However, if NIOSH at any time questions such identification by an employer, not less than 15 days' notice to an employer shall be given of the intention to remove the trade secret designation from such information. The employer may within that period submit a request to the Director, NIOSH, to reconsider this intention and may provide additional information in support of the trade secret designation. The Director, NIOSH, shall notify the employer in writing of the decision which will become effective no sooner than 15 days after the date of such notice.

(c) NIOSH officers are authorized to collect environmental samples and samples of substances, or measurements of physical agents to take or obtain photographs related to the purpose of the investigation, employ other reasonable investigative techniques, including medical examinations of employees with the consent of such employees, and to question privately any employer, owner, operator, agent, or employee. The employer shall have the opportunity to review photographs taken or obtained for the purpose of identifying those which contain or might reveal a trade secret.

(d) NIOSH officers shall comply with all safety and health rules and practices at the place of employment being investigated, and they shall provide and use appropriate protective clothing and equipment. In situations requiring specialized or unique types of protective equipment, such equipment shall be furnished by the employer.

(e) The conduct of investigations shall be such as to preclude unreasonable disruption of the operations of the employer's establishment.

[37 FR 23640, Nov. 7, 1972, as amended at 45 FR 2653, Jan. 14, 1980]

§ 85.8 Provision of suitable space for employee interviews and examinations; identification of employees.

An employer shall, in request of the NIOSH officer, provide suitable space, if such space is reasonably available, to NIOSH to conduct private interviews with, and examinations of, employees. NIOSH officers shall consult with the employer as to the time and place of the medical examination and shall schedule such examinations so as to avoid undue disruption of the operations of the employer's establishment. NIOSH shall conduct, and assume the medical costs of, examinations conducted under this part.

§ 85.9 Representatives of employers and employees; employee requests.

(a) NIOSH officers shall be in charge of investigations. Where the request for a health hazard evaluation has been made by an authorized representative of employees, a representative of the employer and a representative authorized by his employees who is an employee of the employer shall be given an opportunity to accompany the NIOSH officer during the initial physical inspection of any workplace for the purpose of aiding the investigation by identifying the suspected hazard. The NIOSH officer may permit additional employer representatives and such additional representatives authorized by employees to accompany him where he determines that such additional representatives will further aid the investigation. However, if in the judgment of the NIOSH officer, good cause has been shown why accompaniment by a third party who is not an employee of the employer is reasonably necessary to the conduct of an effective and thorough investigation of the workplace, such third party may accompany the NIOSH officer during the inspection: *Provided, however,* That access by such persons to areas described in paragraph (d) of this section shall be in accordance with the requirements of such provision, and access to areas described in paragraph (e) of this section shall be with the consent of the employer. A different employer and employee representative may accompany the officer during each different phase of an inspection if this will not interfere with the conduct of the investigation.

(b) NIOSH officers are authorized to resolve all disputes as to who is the representative authorized by the employer and employees for the purpose of this section. If there is no authorized representative of employees, or if the NIOSH officer is unable to determine with reasonable certainty who is such representative, he shall consult with a reasonable number of employees concerning matters directly related to the health hazard evaluation.

(c) NIOSH officers are authorized to deny the right of accompaniment under this section to any person whose conduct interferes with a fair and orderly physical inspection.

(d) With regard to information classified by an agency of the U.S. Government in the interest of national security, only persons authorized to have access to such information may accompany an officer in areas containing such information.

(e) Upon request of an employer, any representative authorized under this § 85.9 by employees in any area containing trade secrets shall be an employee in that area or an employee authorized by the employer to enter that area.

§ 85.10 Imminent dangers.

Whenever, during the course of, or as a result of, an investigation under this part, the NIOSH officer believes that there is a reasonable basis for an allegation of an imminent danger, NIOSH will immediately advise the employer and those employees who appear to be in immediate danger of such allegation and will inform appropriate representatives of the Department of Labor or the State agency designated under section 18(b) of the OSH Act.

[37 FR 23640, Nov. 7, 1972, as amended at 45 FR 2653, Jan. 14, 1980]

§ 85.11 Notification of determination to employers, affected employees and Department of Labor.

(a) Upon conclusion of an investigation, NIOSH will make a determination concerning the potentially toxic or hazardous effects of each substance or physical agent investigated as a result of the request for health hazard evaluation. At a minimum, the determination will: (1) Identify each substance or physical agent involved and describe, where appropriate, the concentrations or levels of the substance or physical agent found in the place of employment and the conditions of use, and (2) state whether each substance or physical agent has potentially toxic or hazardous effects in the concentrations or levels found, as well as the basis for the judgments.

(b) Copies of the determination will be mailed to the employer and to the authorized representatives of employees.

(c) Except as hereinafter provided, the employer shall post a copy of the determination for a period of 30 calendar days at or near the workplace(s) of affected employees. The employer shall take steps to insure that the posted determinations are not altered, defaced, or covered by other material during such period. The employer will not be required to post the determination if the employer requests that copies of the determination be mailed to affected employees and furnishes NIOSH with a list of the names and mailing addresses of the employees employed in the workplace(s) designated by the NIOSH Officer. In the latter event, NIOSH will mail such copies to affected employees at the mailing addresses provided by the employer.

(d) For purposes of this section, the term "affected employees" means those employees determined by NIOSH to be exposed to the substance(s) or physical agent(s) which is the subject of the health hazard evaluation.

(e) Copies of determinations made under the OSH Act will be forwarded to the Department of Labor and the appropriate State agency designated under section 18(b) of the OSH Act. Copies of determinations made under the FMSH Act will be forwarded to the Mine Safety and Health Administration of the Department of Labor; the Bureau of Mines, Department of the Interior; and the State agency which, in the judgment of NIOSH, would benefit the most from the information. If NIOSH determines that any substance or physical agent has potentially toxic or hazardous effects at the concentrations or levels at which it is used or found in a place of employment, and the substance or physical agent is not covered by a safety or health standard established under section 6 of the OSH Act or section 101 of the FMSH Act, NIOSH will immediately submit the determination to the Secretary of Labor, together with all pertinent criteria.

[37 FR 23640, Nov. 7, 1972, as amended at 45 FR 2653, Jan. 14, 1980]

§ 85.12 Subsequent requests for health hazard evaluations.

If a request is received for a health hazard evaluation in a place of employment in which an evaluation under this part was made previously, NIOSH may make another investigation if, as a result of the passage of time or additional information, another investigation would be consistent with the purposes of the Acts.

[45 FR 2654, Jan. 14, 1980]

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH

REQUEST FOR HEALTH HAZARD EVALUATION

This form is provided to assist in registering a request for a health hazard evaluation with the U.S. Department of Health and Human Services as provided in Section 20(a)(6) of the Occupational Safety and Health Act of 1970 and 42 CFR Part 85. (See Statement of Authority on Reverse Side.)

Establishment Where Possible Hazard/Problem Exists ____________________

Address
Street ____________________ Telephone __________
City ____________________ State __________ Zip Code __________

---

1. Specify the particular building or worksite where the possible hazard/problem is located.

____

2. Specify the name, title, and phone number of the employer's agent(s) in charge.

____

3. What Product or Service does the Establishment Produce?

____

4. Describe briefly the possible hazard/problem which exists by completing the following:

Identification of Toxic Substance(s) ____________________

Trade Name(s) (If Applicable) __________ Chemical Name(s) __________

____

____

Manufacturer(s) ____________________

Does the material have a warning label? ____ Yes ____ No. If yes; attach copy of label or a copy of the information contained on the label.

Physical Form of Substance(s): ☐ Dust ☐ Gas ☐ Liquid ☐ Mist ☐ Other

How are you exposed? ☐ Breathing ☐ Swallowing ☐ Skin Contact

Number of People Exposed __________ Length of Exposure (Hours/Day) __________

Occupations of Exposed Employees ____________________

____

5. Using the space below describe further the nature of the conditions or circumstances which prompted this request and other relevant aspects which you may consider important, such as the nature of the illness or symptoms of exposure, the concern for the potentially toxic effects of a new chemical substance introduced into the workplace, etc. __________

____

____

____

OMB No. 0920-010,
Expires 5/31/86

6. (a) To your knowledge has this substance been considered previously by any Government agency? _______ (b) If so, gove the name and address of each. ____________________

____

____

(c) and, the approximate date it was so considered. ____________________

7. (a) Is a similar request currently being filed with or under investigation by any other Government (State or Federal) agency? _______ (b) If so, give the name and address of each _____

____

8. Requester –
The undersigned Requester believes that a substance (or substances) normally found in the place of employment may have potentially toxic effects in the concentrations used or found.

Signature ______________________________ Date ______________

Typed or Printed Name ______________________ Phone: Home– ______________

Address Street ______________________ Business– ______________

City ______________ State ______________ Zip Code ______________

Check One:

☐ I am an Employer Representative

☐ I am an Authorized Representative of, or an officer of the organization representing the employees for purposes of collective bargaining. State the name and address of your organization. ______________________________

____

☐ I am an employee of the employer and an Authorized Representative of two or more employees in the workplace where the substance is normally found. Signatures of authorizing employees are below:

Name ______________________________ Phone ______________

Name ______________________________ Phone ______________

☐ I am one of three or less employees in the workplace where the substance is normally found.

Please indicate your desire: ☐ I do not want my name revealed to the employer.

☐ My name may be revealed to the employer.

Authority:
Section 20(a)(6) of the Occupational Safety and Health Act, (29 U. S. C. 669(a)(6)) provides as follows: The Secretary of Health and Human Services shall . . . determine following a written request by any employer or authorized representative of employees, specifying with reasonable particularity the grounds on which the request is made, whether any substance normally found in the place of employment has potentially toxic effects in such concentrations as used or found; and shall submit such determination both to employers and affected employees as soon as possible. If the Secretary of Health and Human Services determines that any substance is potentially toxic at the concentrations in which it is used or found in a place of employment, and such substance is not covered by an occupational safety or health standard promulgated under section 6, the Secretary of Health and Human Services shall immediately submit such determination to the Secretary of Labor, together with all pertinent criteria.

For further information:
Telephone: AC 513-684-4382

Send the completed form to:

National Institute for Occupational Safety and Health
Hazard Evaluation and Technical Assistance Branch
4676 Columbia Parkway
Cincinnati, Ohio 45226

APPENDIX IV

RTECS COMPUTER TAPE

The 1984 Edition of the NIOSH Registry of Toxic Effects of Chemical Substances (RTECS) is now available on computer magnetic tape. The 1984 RTECS tape, which supersedes the 1983 Edition, contains 72,586 substance entries. These correspond to the substances listed in the January 1985 RTECS quarterly microfiche issue.

The tape contains two files: (1) RTECS data records and (2) CODEN bibliographic references. Complete documentation, including a description of all file layouts and data fields, is provided in the User's Guide. Characteristics of the tape are as follows: 2 reels; 9 track; 6250 BPI; EBCDIC character code (upper and lower case); odd parity; 107-character fixed-length records.

Both the tape and the file documentation are available only from:

National Technical Information Service (NTIS)
5285 Port Royal Road
Springfield, Virginia 22161
Telephone: (703) 487-4650

Stock numbers and domestic prices are listed below. If you do not have a deposit account with NTIS, payment must accompany your order. Non-U.S. customers should contact NTIS for foreign prices and purchasing instructions before ordering.

NTIS Stock No.	Title	Price
PB85 179943	1984 Edition-Registry of Toxic Effects of Chemical Substances, Computer Tape	$275.00
PB85 179935	1984 Edition-Registry of Toxic Effects of Chemical Substances, User's Guide to the RTECS Computer Tape	$11.95 (paper) $5.95 (microfiche)

BEST COPY

APPENDIX V

RTECS ON-LINE DATA BASE

The NIOSH Registry of Toxic Effects of Chemical Substances (RTECS) is now available as a real-time, interactive computer data base from three different sources: (1) the National Library of Medicine (NLM) Medical Literature Analysis and Retrieval System (MEDLARS), (2) Fein-Marquardt Company, and (3) Information Consultants, Incorporated (ICIS). The last two mentioned are vendors of The Chemical Information System. These systems permit the user to search the RTECS file for specific data or subsets of data and to compile RTECS subfiles tailored to his particular needs. Updates to these systems are provided on a quarterly basis.

National Library of Medicine MEDLARS

MEDLARS is NLM's computerized literature retrieval service, which is available through a nationwide network of more than 1300 NLM on-line centers. The MEDLARS RTECS file is accessed like other NLM files (such as TOXLINE and MEDLINE) and is available as a standard service to all NLM on-line service subscribers. The RTECS data fields are structured in the same format as they appear in the printed and microfiche Registry. RTECS records can be searched on a given route, species, toxic dose type, toxic effect, etc., and can be retrieved by entering the desired free text terms or specific toxic effects. Chemical substances can be entered by their names, RTECS accession numbers, or Chemical Abstracts Service (CAS) registry numbers. Terms may be entered singly or combined using AND, OR, and AND NOT. One can generate subfiles of compounds with similar attributes--for example, all substances with oral-rat LDLo toxicity data or all substances for which IARC monographs have been issued. Records can be printed on-line at the user's terminal, or off-line and mailed to the user from NLM. For additional information on how to interrogate the MEDLARS RTECS file, contact:

RTECS
Toxicology Information Program
Specialized Information Services
National Library of Medicine
8600 Rockville Pike
Bethesda, Maryland 20209
Telephone: (301) 496-1131

THE CHEMICAL INFORMATION SYSTEM

The CIS consists of a collection of chemical data bases available commercially. The RTECS component of CIS, available on-line through the Chemical Information Systems, Inc., is updated quarterly. Twenty-three data fields are available for searching. One can search for toxicity, teratogen, and tumorigen data by specifying the test species, route of administration, type of dose, and the dose amount over a selected numerical range. Primary irritation data can be searched by specifying the test species and the tissue upon which the test was conducted. Free text searching of the description of toxic effects and Department of Transportation standards may be performed as well as specific journal references. Using SANSS, one can specify an actual chemical structure or substructure or its name and generate a list of all compounds in the RTECS file which contain that feature. Data may be displayed in an abbreviated format similar to that used in the NIOSH publication or in an expanded format.

The CIS may be accessed through either of two vendors:

Fein-Marquardt Co.
7215 York Road
Baltimore, Maryland 21212

Telephone (Toll Free) (800) CIS-USER
(in Maryland) (301) 321-8440

or

Information Consultants, Inc. (ICI)
1133 15th Street, NW
Washington, D.C. 20005

Telephone: (202) 822-5200

2047

APPENDIX VI

RTECS MICROFICHE

The NIOSH Registry of Toxic Effects of Chemical Substances (RTECS) is available in microfiche format. This microfiche edition, which is provided quarterly, currently consists of 78 fiche (48:1 reduction ratio). Each fiche set includes the Introduction, Appendixes, file statistics, CODEN bibliographic references, CAS number - RTECS accession number index, and the complete RTECS data file. The 72,586 substances listed in the January 1985 quarterly microfiche issue correspond to the substances contained in the 1981-82 printed Registry, and this 1983-84 Cumulative Supplement.

Microfiche represent an extremely compact method of data storage, and one that economically permits our updating and supplying the file on a quarterly basis. This is especially valuable to those who wish to maintain current RTECS toxicity data, since our current growth rate is approximately 1500 new substances per quarter. In addition, new data lines are continually being added to previously listed substances. Each quarterly update contains the complete RTECS data file as of the date of publication so that prior issues need not be retained, except for historical purposes. Furthermore, all new substances added to the Registry since the previous update are highlighted to allow their immediate identification.

A subscription to the quarterly microfiche version of the Registry is available only from the Superintendent of Documents, U.S. Government Printing Office (GPO), Washington, D.C. 20402. As of January 1983, the domestic cost is $41.00 per year for a series of four issues dated January, April, July, and October. (NOTE: The cost to non-U.S. customers is $51.25 per year, which includes a 25% special handling charge for orders mailed outside of the United States.) The four issues that you receive will commence with the most current quarterly revision; back issues will not be provided. Note that the RTECS quarterly microfiche has no GPO Stock Number. Instead, when ordering this microfiche subscription from GPO, you should specify "Subscription to Microfiche Edition, Registry of Toxic Effects of Chemical Substances." Payment to GPO must be made in one of the following three ways: (1) enclose remittance with your order (make checks payable to the Superintendent of Documents), (2) charge to your GPO deposit account, or (3) charge to your VISA or Master Card account (for additional information telephone (202) 783-3238).

*U.S. GOVERNMENT PRINTING OFFICE: 1985-[illegible]

asn—Aspergillus nidulans
ast—Ascites tumor
bcs—Bacillus subtilis
bfa—body fluid assay
bmr—bone marrow
brd—bird (domestic or lab)
bwd—wild bird species
C—continuous
cat—cat
cc—cubic centimeter
chd—child
ckn—chicken
CL—ceiling concentration
clr—Chlamydomonas reinhardi
ctl—cattle
D—day
dck—duck
DEF—definition
dlt—dominant lethal test
dmg—Drosophila melanogaster
dnd—DNA damage
dni—DNA inhibition
dnr—DNA repair
dns—unscheduled DNA synthesis
dog—dog
dom—domestic animal (goat, sheep)
DOT—Department of Transportation
dpo—Drosophila pseudo-obscura
emb—embryo
EPA—Environmental Protection Agency
esc—Escherichia coli
eug—Euglena gracilis
eye—administration into eye (irritant)
fb—fiber
fbr—fibroblast
frg—frog
gm—gram
gpg—guinea pig
grb—gerbil
H—hour
ham—hamster
hla—HeLa cell
hma—host-mediated assay
hmi—Haemophilus influenzae
hmn—human
hor—horse, donkey
I—intermittent
ial—intraaural
IARC—International Agency for Research on Cancer
iat—intraarterial
ice—intracerebral
icv—intracervical
idr—intradermal
idu—intraduodenal
ihl—inhalation
imm—immersion
imp—implant
ims—intramuscular
inf—infant
ipc—intraplacental
ipl—intrapleural
ipr—intraperitoneal
irn—intrarenal
isp—intraspinal
itr—intratracheal
itt—intratesticular
iut—intrauterine
ivg—intravaginal
ivn—intravenous
kdy—kidney
kg—kilogram
klp—Klebsiella pneumoniae
L—liter
LC50—lethal concentration 50 percent kill
LCLo—lowest published lethal concentration
LD50—lethal dose 50 percent kill
LDLo—lowest published lethal dose
leu—leukocyte
lng—lung
lvr—liver
lym—lymphocyte
M—minute
m3—cubic meter
mam—mammal (species unspecified)
man—man
mg—milligram (one thousandth of a gram, 10^{-3} gram
MGN—multigeneration
mky—monkey
ml—milliliter
MLD—mild irritation effects
mma—microsomal mutagenicity assay
mmo—mutation in microorganisms
mmol—millimole
mmr—mammary gland
mnt—micronucleus test
MOD—moderate irritation effects
mol—mole
mppcf—million particles per cubic foot
mrc—gene conversion and mitotic recombination
msc—mutation in mammalian somatic cells
mul—multiple routes
mus—mouse
ng—nanogram (one billionth of a gram, 10^{-9} gram)
nml—non-mammalian species
nmol—nanomole
nsc—Neurospora crassa
nse—non-standard exposure
OBS—obsolete (trade name)
ocu—ocular
ofs—other fish
omi—other microorganisms
oms—other mutation test systems
oin—other insects
open—open irritation test
orl—oral
ORM—Other Regulated Material (DOT)
OSHA—Occupational Safety and Health Administration
oth—other cell types
otr—oncogenic transformation
ovr—ovary
par—parenteral
pg—picogram (one trillionth of a gram 10^{-12} gram)
pgn—pigeon
pic—phage inhibition capacity
pig—pig
Pk—peak concentration
pmol—picomole
post—after birth
ppb—parts per billion (v/v)
pph—parts per hundred (v/v) (percent)
ppm—parts per million (v/v)
ppt—parts per trillion (v/v)
pre—prior to mating
preg—pregnant
qal—quail
rat—rat
rbt—rabbit
rec—rectal
recm std—NIOSH recommended standard
rns—rinsed with water
S—second
sal—salmon
sat—Salmonella typhimurium
sce—sister chromatid exchange
SCP—Standards Completion Program
scu—subcutaneous
SEV—severe irritation effects
skn—administration onto skin
sln—sex chromosome loss and nondisjunction
slt—specivfic locus test
slw—silkworm
smc—Saccharomyces cerevisiae
spm—sperm morphology
spr—sperm
sql—squirrel
srm—Serratia marcescens
ssp—Schizosaccaromyces pombe
STEL—short term exposure limit
TC—toxic concentration
TCLo—lowest published toxic concentration
TD—toxic dose
TDLo—lowest published toxic dose
tes—testis
TLV—Threshold Limit Value
tod—toad
trk—turkey
trn—heritable translocation test
TWA—time-weighted average
ug—microgram (one millionth of a gram, 10^{-6} gram)
umol—micromole
unk—unreported
W—week
wmn—woman
Y—year
%—percent

THIS PUBLICATION IS A CUMULATIVE SUPPLEMENT TO THE 1981-82 EDITION OF THE REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS)

The Registry is not a static collection of data. It undergoes constant change as both new substances and new data for listed substances are entered. The Registry's quality control program verifies and corrects cited data, resulting in the modification or deletion of individual data lines or entire substance entries.

This edition is a cumulative supplement to the last full printed edition of RTECS (1981-82). It contains substances added to the file and substances for which changes were made in the data between January 1983 and January 1985. Since this edition is a cumulative supplement, the data from the 1983 Supplement is included; however, the 1981-82 Edition of RTECS must still be used if access to the full Registry is needed.

Because the complete Registry is no longer published annually in book form, the most current versions of the RTECS file remain the on-line data base (available through both the National Library of Medicine—MEDLARS—and the Chemical Information System—CIS) and the latest quarterly microfiche issue. Appendix V contains information about subscribing to and interrogating the computerized system; Appendix VI information on subscribing to the microfiche edition.

DHHS(NIOSH) Publication No. 86-103

2050